

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF093997.D
 Acq On : 28 Mar 2017 17:22
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC0040EC

Manual Integrations
 APPROVED

Quant Time: Mar 29 03:37:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	187604	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	772588	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	351849	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	580937	20.00	ng	-0.02
75) Chrysene-d12	14.65	240	369083	20.00	ng	-0.03
86) Perylene-d12	16.28	264	301275	20.00	ng	-0.03

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System Monitoring Compounds

5) 2-Fluorophenol	4.46	112	856970	77.15	ng	-0.01
7) Phenol-d6	5.54	99	1066118	77.59	ng	-0.01
23) Nitrobenzene-d5	6.59	82	1076458	79.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	227944	81.98	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1852783	80.32	ng	-0.02
78) Terphenyl-d14	13.38	244	1556963	94.56	ng	-0.02

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	197020	36.92	ng	96
3) Pyridine	2.79	79	553994	38.09	ng	98
4) n-Nitrosodimethylamine	2.74	42	226105	37.78	ng	93
6) Aniline	5.56	93	650203	34.02	ng	# 28
8) 2-Chlorophenol	5.70	128	487706	39.95	ng	96
9) Benzaldehyde	5.43	77	333315	35.92	ng	99
10) Phenol	5.56	94	578574	37.00	ng	80
11) bis(2-Chloroethyl)ether	5.64	93	491035	40.18	ng	98
12) 1,3-Dichlorobenzene	5.86	146	542852	39.64	ng	98
13) 1,4-Dichlorobenzene	5.95	146	550752	39.71	ng	97
14) 1,2-Dichlorobenzene	6.13	146	503926	39.45	ng	97
15) Benzyl Alcohol	6.10	79	382046	37.99	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.26	45	703288	37.35	ng	93
17) 2-Methylphenol	6.25	107	415982	39.78	ng	96
18) Hexachloroethane	6.52	117	192501	39.49	ng	# 85
19) n-Nitroso-di-n-propylamine	6.42	70	346166	39.20	ng	97
20) 3+4-Methylphenols	6.43	107	526451	41.57	ng	# 63
22) Acetophenone	6.41	105	715938	41.58	ng	# 88
24) Nitrobenzene	6.61	77	529400	39.65	ng	94
25) Isophorone	6.90	82	946122	39.77	ng	96
26) 2-Nitrophenol	6.98	139	283028	44.45	ng	97
27) 2,4-Dimethylphenol	7.05	122	440488	40.15	ng	98
28) bis(2-Chloroethoxy)methane	7.16	93	623302	39.73	ng	100
29) 2,4-Dichlorophenol	7.28	162	418455	40.79	ng	99
30) 1,2,4-Trichlorobenzene	7.37	180	430217	40.72	ng	98
31) Naphthalene	7.46	128	1469776	39.56	ng	99
32) Benzoic acid	7.22	122	319062	43.69	ng	97
33) 4-Chloroaniline	7.53	127	613971	40.78	ng	95
34) Hexachlorobutadiene	7.62	225	221248	40.83	ng	97
35) Caprolactam	8.00	113	132539	40.52	ng	93
36) 4-Chloro-3-methylphenol	8.15	107	433408	40.43	ng	89
37) 2-Methylnaphthalene	8.30	142	984515	39.76	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	387309	40.24	ng	99
40) Hexachlorocyclopentadiene	8.50	237	177430	39.39	ng	97

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
42) 2,4,6-Trichlorophenol	8.66	196	278577	40.91	nq	96	
43) 2,4,5-Trichlorophenol	8.71	196	304180	41.28	nq	93	#
45) 1,1'-Biphenyl	8.88	154	1122292	39.55	nq	98	
46) 2-Chloronaphthalene	8.90	162	882078	39.71	nq	94	
47) 2-Nitroaniline	9.03	65	263719	40.02	nq	88	
48) Acenaphthylene	9.41	152	1431474	38.77	nq	99	mohammad
49) Dimethylphthalate	9.27	163	1015372	40.60	nq	99	
50) 2,6-Dinitrotoluene	9.33	165	237061	41.35	nq	88	#
51) Acenaphthene	9.62	154	837651	38.88	nq	99	
52) 3-Nitroaniline	9.54	138	254552	37.81	nq	91	
53) 2,4-Dinitrophenol	9.66	184	110977	38.73	nq	74	# 3/29/2017 1:56:46 PM
54) Dibenzofuran	9.83	168	1111517	37.90	nq	100	
55) 4-Nitrophenol	9.77	139	187017	35.47	nq	70	#
56) 2,4-Dinitrotoluene	9.83	165	270060	37.50	nq	70	#
57) Fluorene	10.26	166	889271	36.56	nq	98	
58) 2,3,4,6-Tetrachlorophenol	9.99	232	201773	39.91	nq	97	
59) Diethylphthalate	10.14	149	977864	39.56	nq	98	
60) 4-Chlorophenyl-phenylether	10.26	204	390141	37.66	nq	94	
61) 4-Nitroaniline	10.29	138	241574	37.39	nq	95	
62) Azobenzene	10.46	77	885455	37.87	nq	95	
64) 4,6-Dinitro-2-methylphenol	10.33	198	146320	41.13	nq	67	#
65) n-Nitrosodiphenylamine	10.41	169	816229	40.63	nq	99	
66) 4-Bromophenyl-phenylether	10.86	248	243414	42.60	nq	96	
67) Hexachlorobenzene	10.93	284	247105	42.72	nq	94	#
68) Atrazine	11.08	200	233687	38.84	nq	95	
69) Pentachlorophenol	11.17	266	135523	37.65	nq	96	
70) Phenanthrene	11.43	178	1263751	39.11	nq	99	
71) Anthracene	11.50	178	1311777	39.42	nq	98	
72) Carbazole	11.70	167	1256271	36.82	nq	99	
73) Di-n-butylphthalate	12.14	149	1479527	41.70	nq	100	
74) Fluoranthene	12.89	202	1225635	37.04	nq	98	
77) Pyrene	13.17	202	1222414	45.64	nq	100	
79) Butylbenzylphthalate	13.99	149	562449	49.28	nq	86	#
80) Benzo(a)anthracene	14.64	228	871844	40.51	nq	99	
81) 3,3'-Dichlorobenzidine	14.62	252	217248	28.24	nq	96	#
82) Chrysene	14.69	228	801154	40.11	nq	99	
83) Bis(2-ethylhexyl)phthalate	14.70	149	796820	51.17	nq	100	
84) Di-n-octyl phthalate	15.46	149	1222523	47.00	nq	98	
85) Indeno(1,2,3-cd)pyrene	17.65	276	789405	45.64	nq	99	
87) Benzo(b)fluoranthene	15.87	252	721615	39.08	nq	98	
88) Benzo(k)fluoranthene	15.90	252	711131m	39.36	nq		
89) Benzo(a)pyrene	16.22	252	685748	40.32	nq	99	
90) Dibenzo(a,h)anthracene	17.67	278	658929	45.75	nq	99	
91) Benzo(g,h,i)perylene	18.06	276	669873	46.15	nq	96	

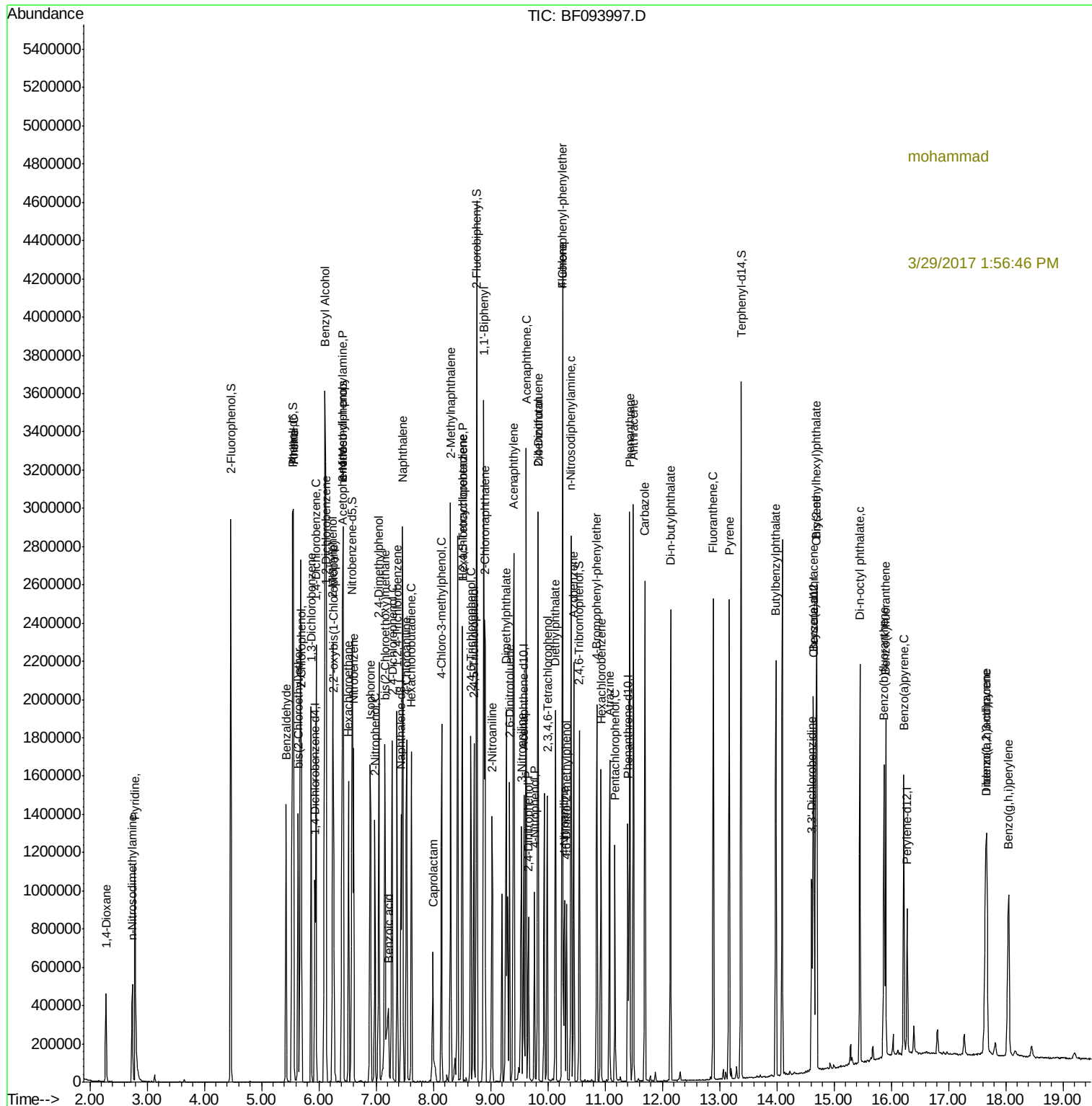
(#) = qualifier out of range (m) = manual integration (+) = signals summed

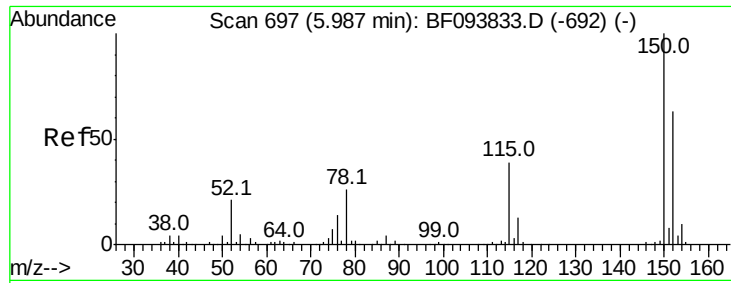
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.93 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

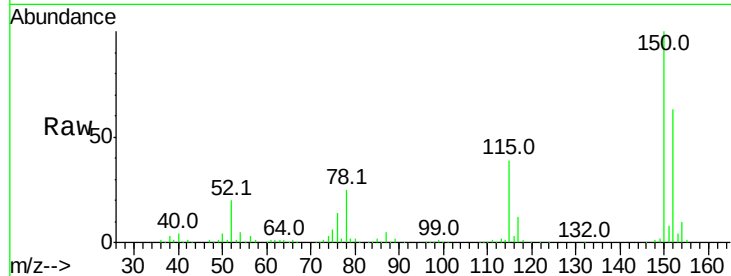
BNA_F

ClientSampleId :

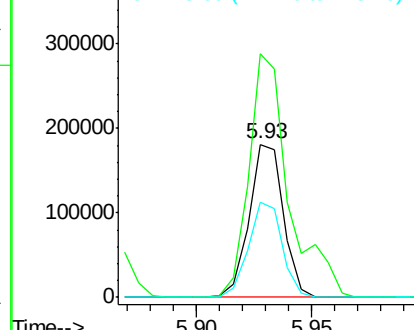
SSTDCCC040EC

Tot Ion:	152	Resp:	187604
Ion Ratio	Lower	Upper	
152	100		
150	158.9	126.2	189.2
115	62.1	52.2	78.2

Manual Integrations
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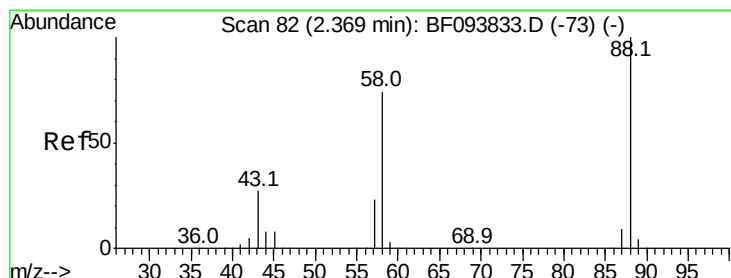
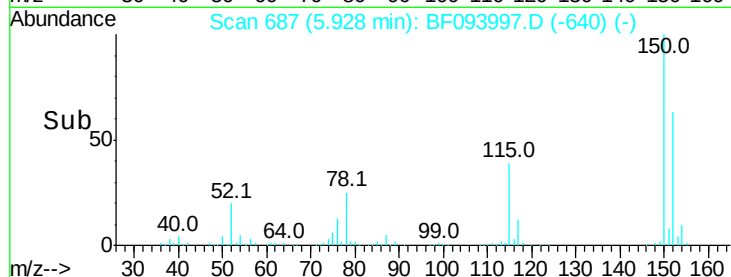


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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#2

1,4-Dioxane

Concen: 36.92 ng

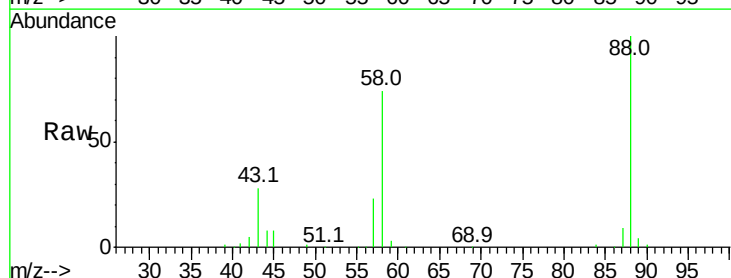
RT: 2.28 min Scan# 67

Delta R.T. -0.04 min

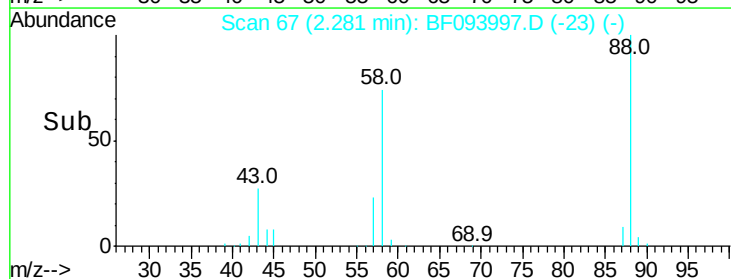
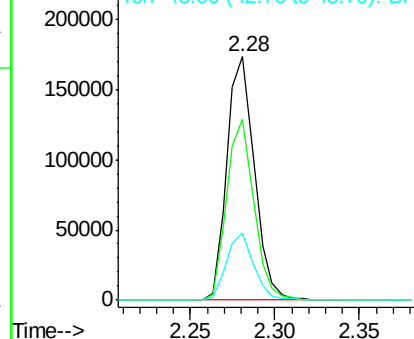
Lab File: BF093997.D

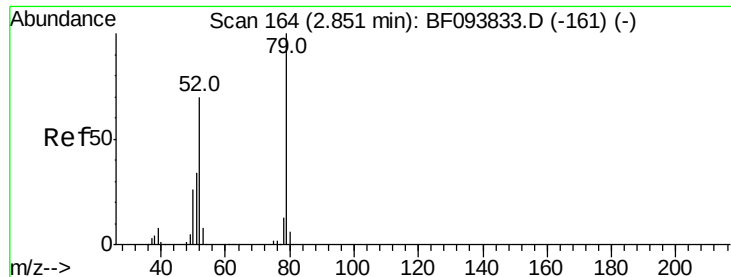
Acq: 28 Mar 2017 17:22

Tgt Ion:	88	Resp:	197020
Ion Ratio	Lower	Upper	
88	100		
58	73.4	61.4	92.0
43	27.5	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.09 ng

RT: 2.79 min Scan# 153

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

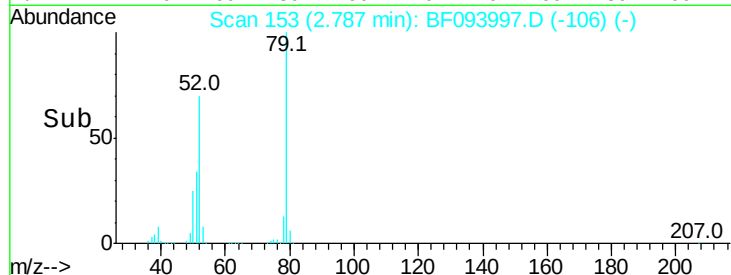
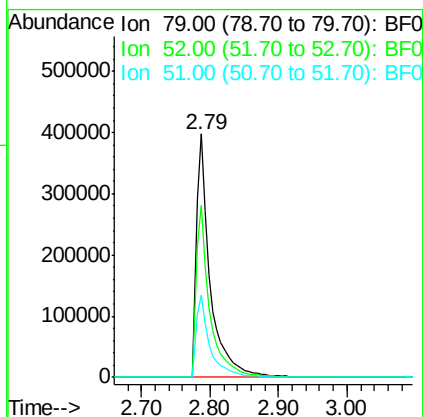
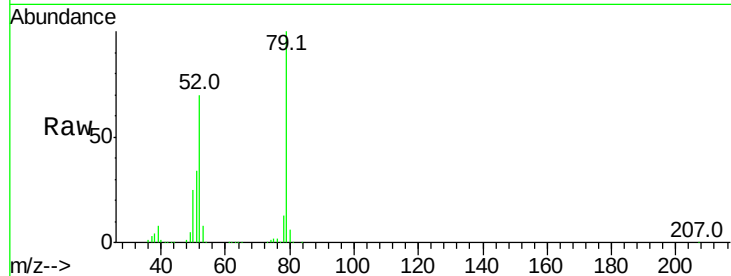
BNA_F

ClientSampleId :

SSTDCCC040EC

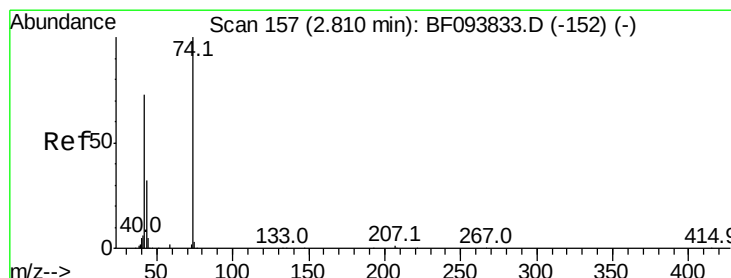
Tot Ion:	79	Resp:	553994
Ion Ratio	Lower	Upper	
79	100		
52	70.4	54.8	82.2
51	33.9	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.78 ng

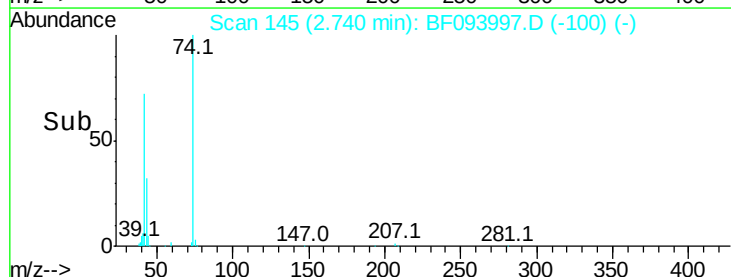
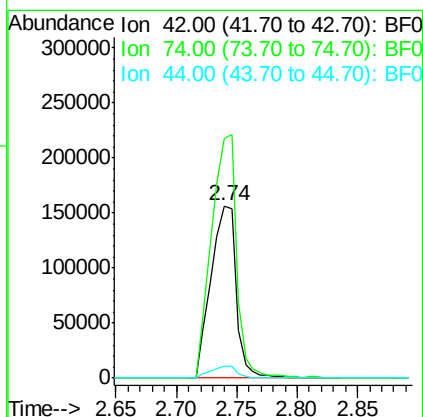
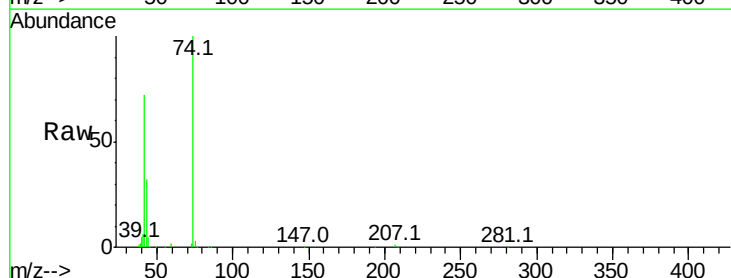
RT: 2.74 min Scan# 145

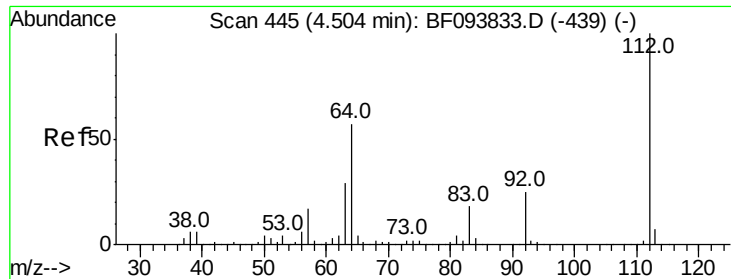
Delta R.T. -0.04 min

Lab File: BF093997.D

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Tgt Ion:	42	Resp:	226105
Ion Ratio	Lower	Upper	
42	100		
74	139.0	103.9	155.9
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 77.15 ng

RT: 4.46 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

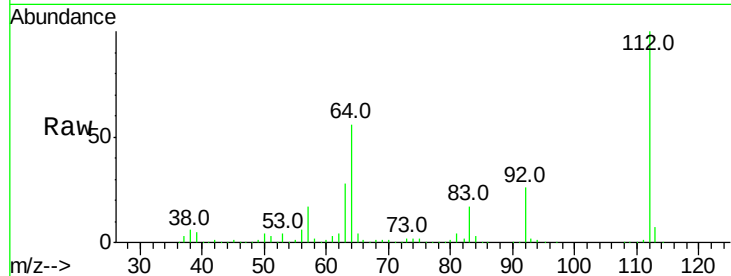
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	856970
Ion Ratio	Lower	Upper	
112	100		
64	56.1	46.0	69.0
63	28.3	23.4	35.0

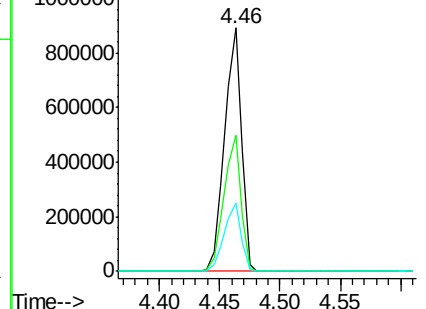
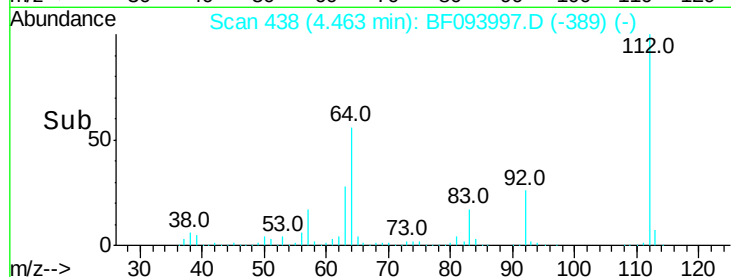
Manual Integrations
APPROVED



Abundance Ion 112.00 (111.70 to 112.70): E

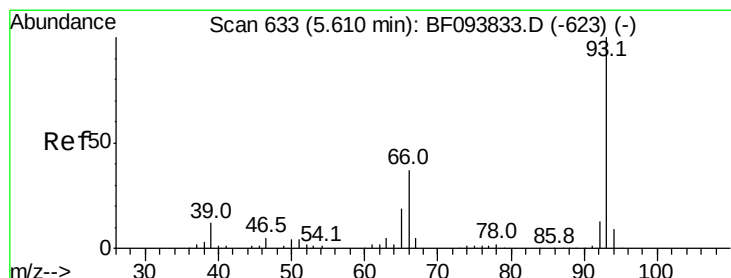
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



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#6

Aniline

Concen: 34.02 ng

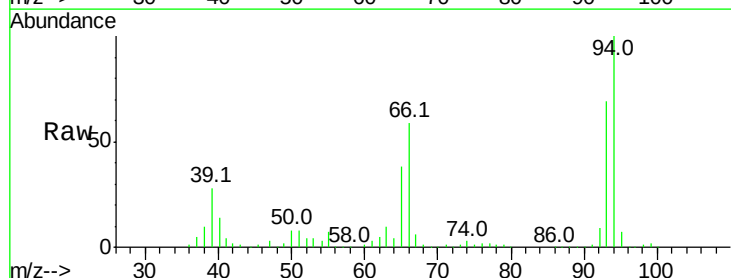
RT: 5.56 min Scan# 624

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

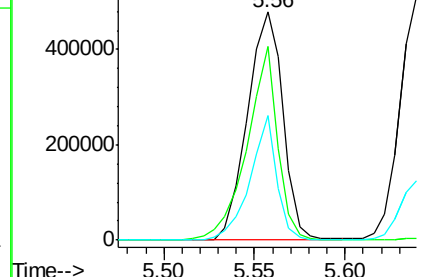
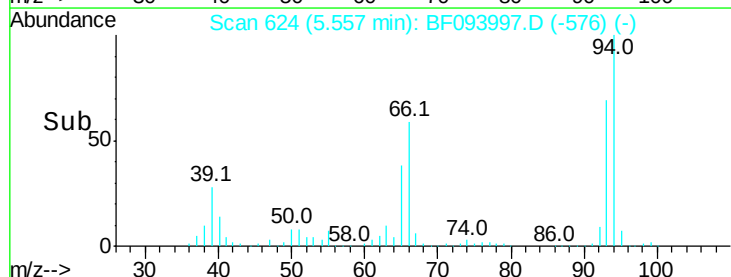
Tgt Ion:	93	Resp:	650203
Ion Ratio	Lower	Upper	
93	100		
66	84.8	32.9	49.3#
65	54.8	16.0	24.0#

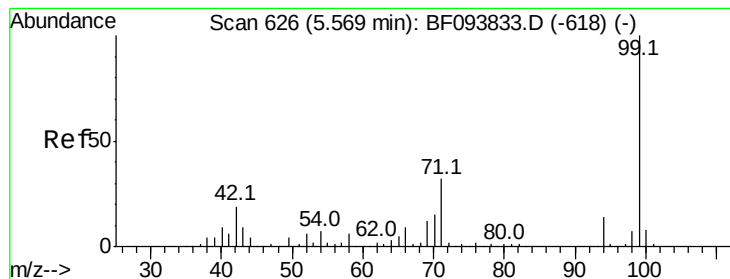


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.59 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF093997.D

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Tot Ion: 99 Resp: 1066118

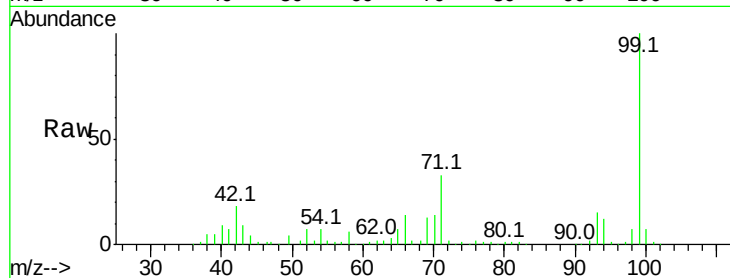
Ion Ratio Lower Upper

99 100

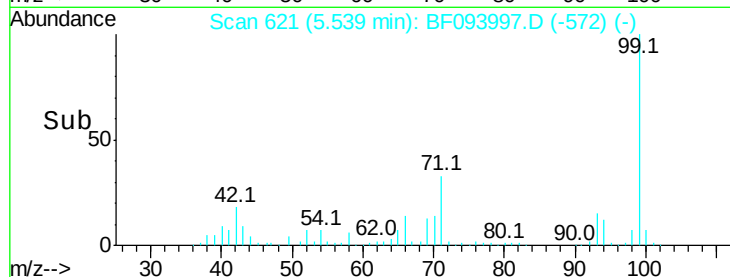
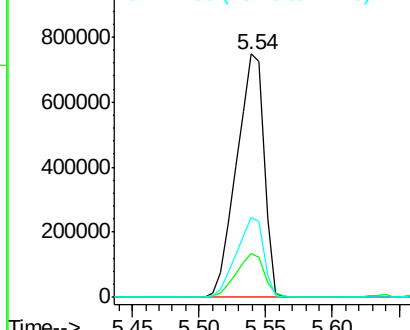
42 18.3 13.5 20.3

71 32.9 24.5 36.7

Manual Integrations
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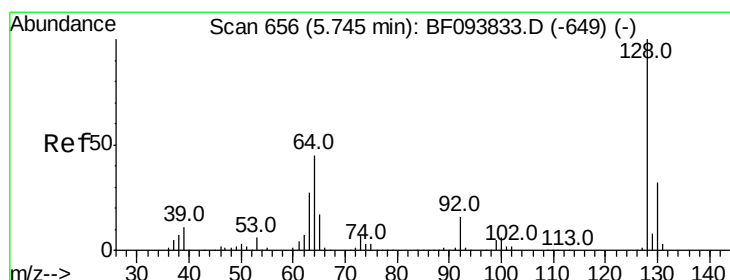


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



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#8

2-Chlorophenol

Concen: 39.95 ng

RT: 5.70 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

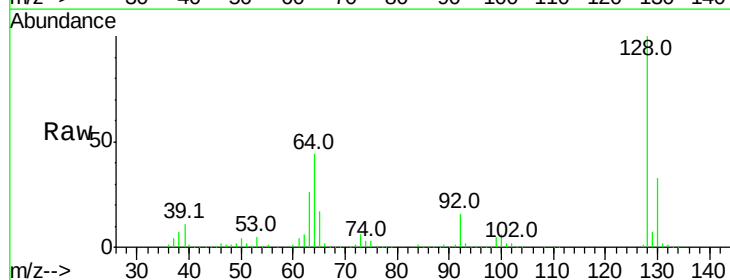
Tgt Ion: 128 Resp: 487706

Ion Ratio Lower Upper

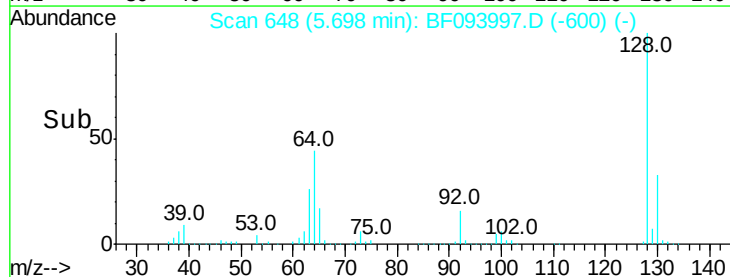
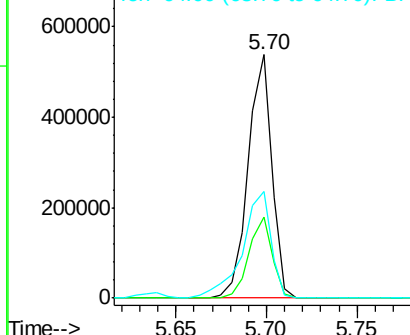
128 100

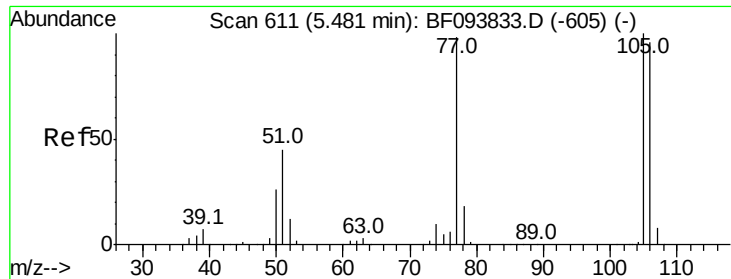
130 33.1 12.9 52.9

64 43.7 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.92 ng

RT: 5.43 min Scan# 602

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

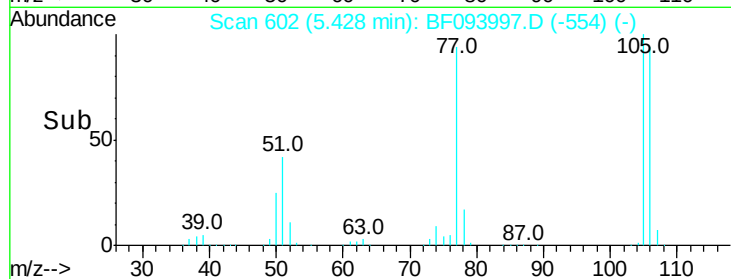
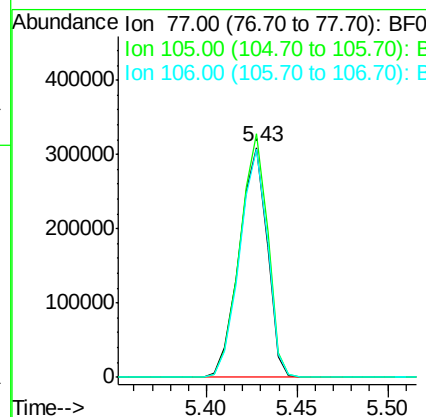
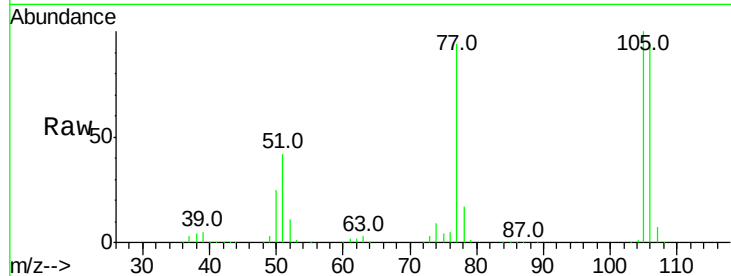
BNA_F

ClientSampleId :

SSTDCCC040EC

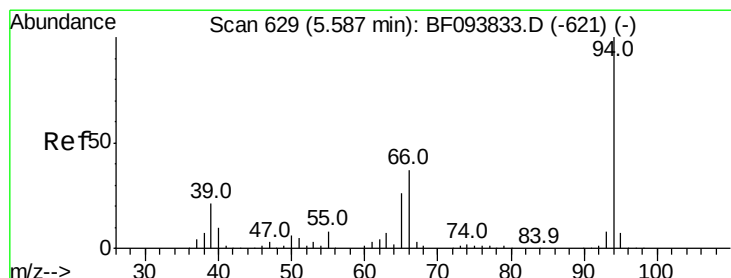
Tot Ion:	77	Resp:	333315
Ion Ratio	Lower	Upper	
77	100		
105	105.9	83.8	123.8
106	99.0	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 37.00 ng

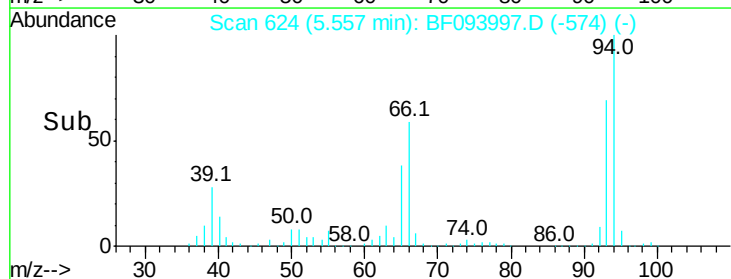
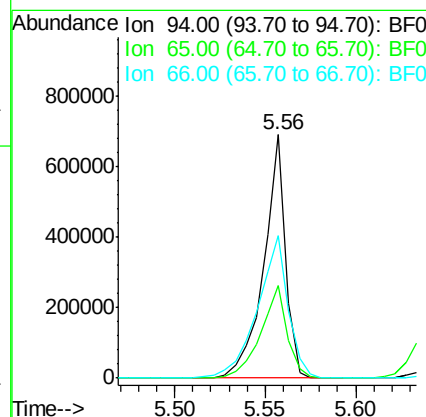
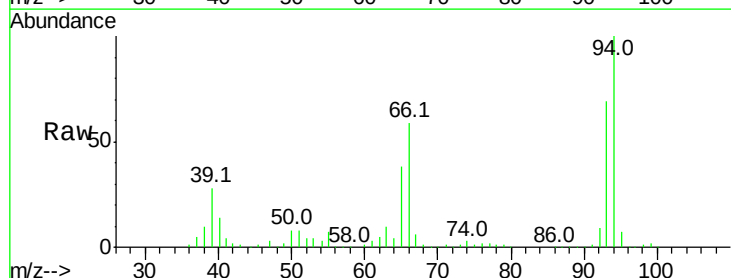
RT: 5.56 min Scan# 624

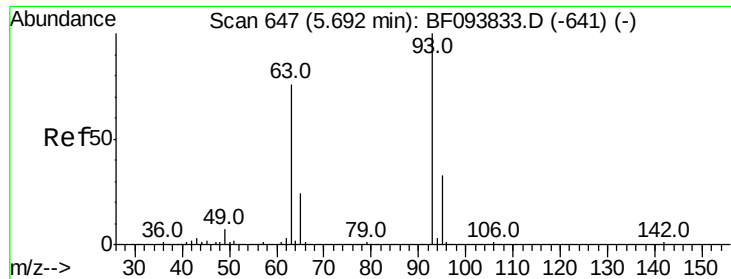
Delta R.T. -0.01 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Tgt Ion:	94	Resp:	578574
Ion Ratio	Lower	Upper	
94	100		
65	37.9	9.9	49.9
66	58.7	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 40.18 ng

RT: 5.64 min Scan# 638

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

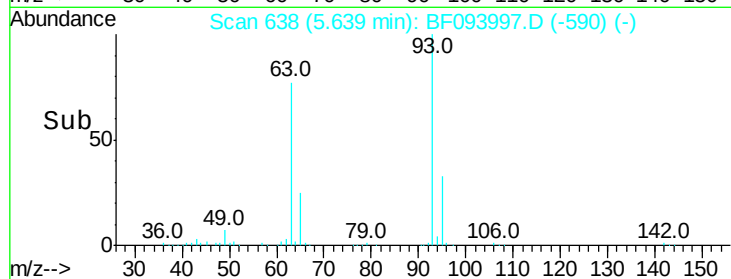
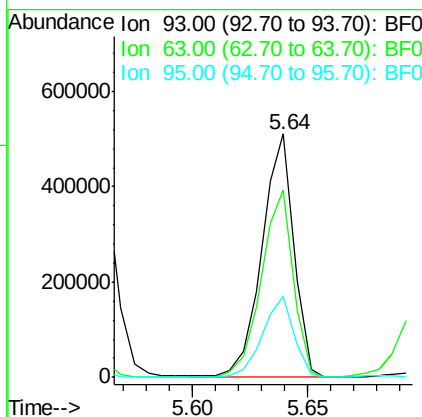
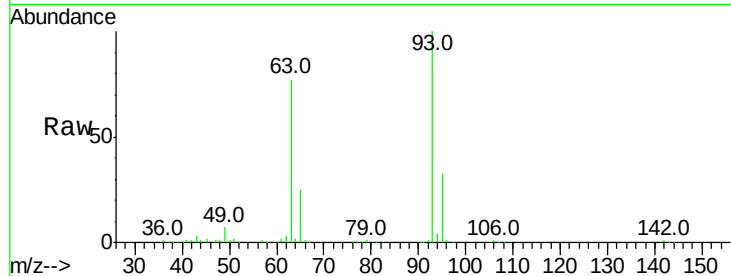
BNA_F

ClientSampleId :

SSTDCCC040EC

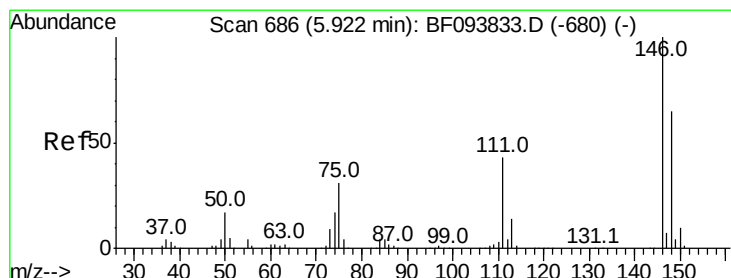
Tot Ion:	93	Resp:	491035
Ion Ratio	Lower	Upper	
93	100		
63	77.1	59.2	99.2
95	33.1	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.64 ng

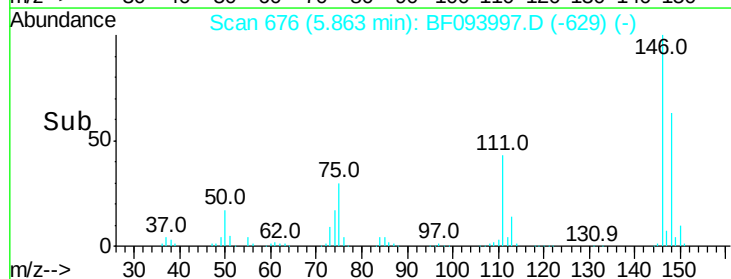
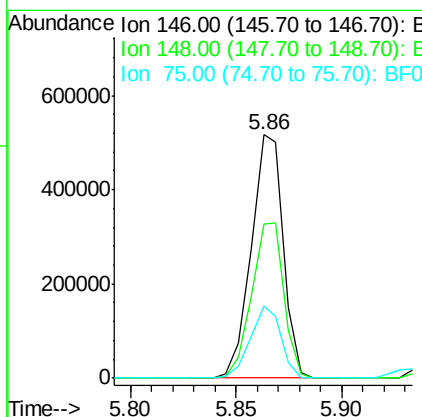
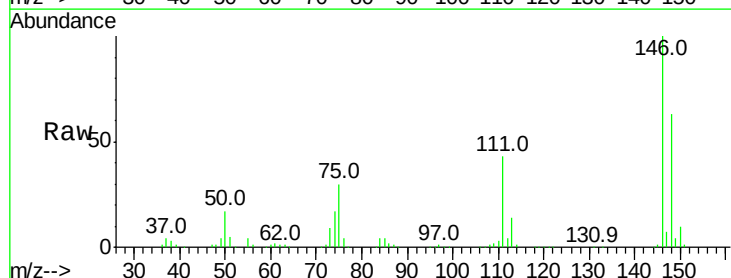
RT: 5.86 min Scan# 676

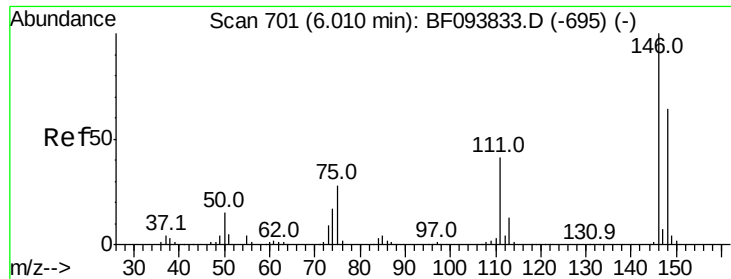
Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Tgt Ion:	146	Resp:	542852
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.8	77.6
75	29.6	23.1	34.7



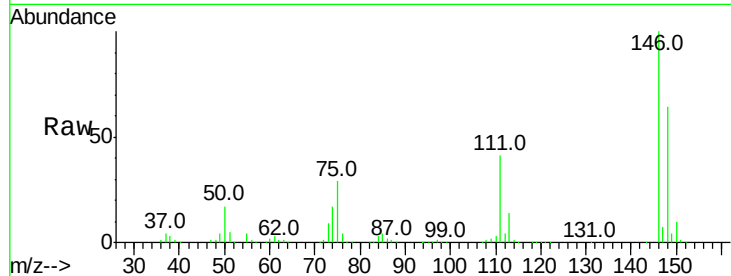


#13
1,4-Dichlorobenzene
Concen: 39.71 ng
RT: 5.95 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	41.4	30.3	45.5

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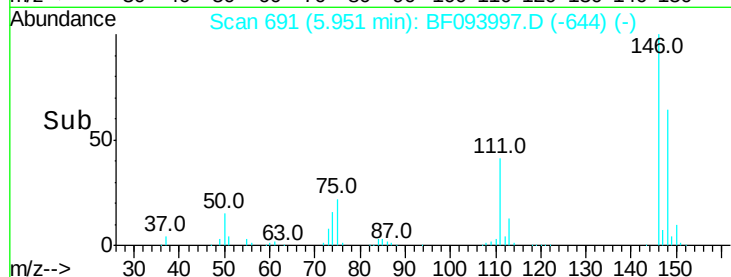
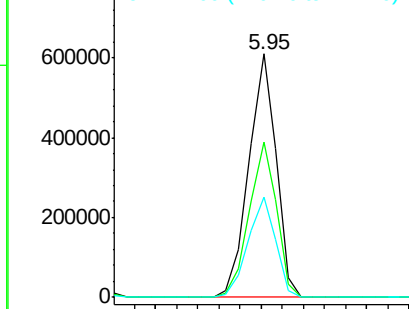


Abundance

Ion 146.00 (145.70 to 146.70): E

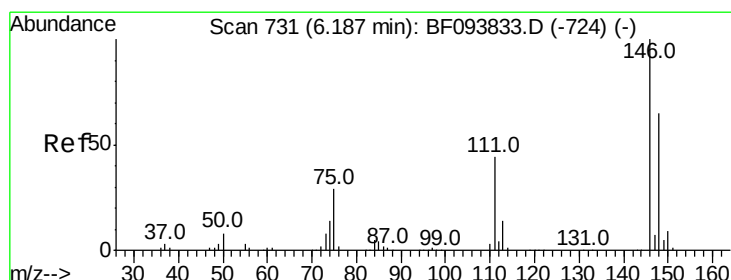
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



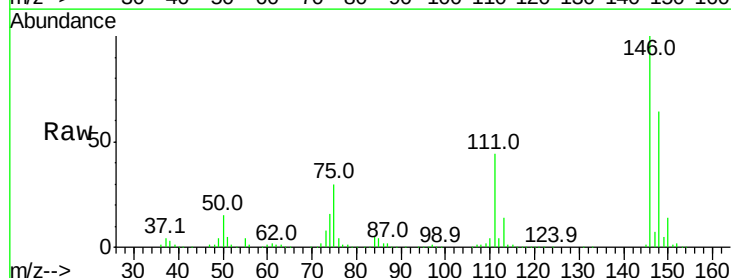
mohammad

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#14
1,2-Dichlorobenzene
Concen: 39.45 ng
RT: 6.13 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
111	44.3	38.2	57.4

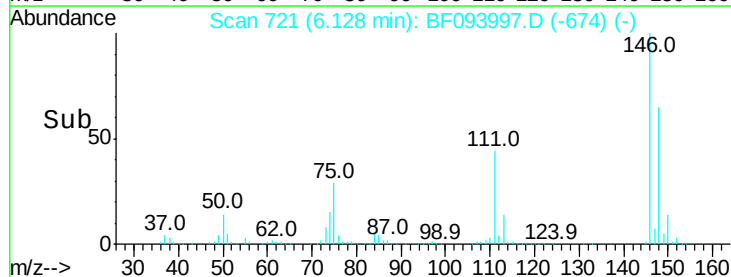
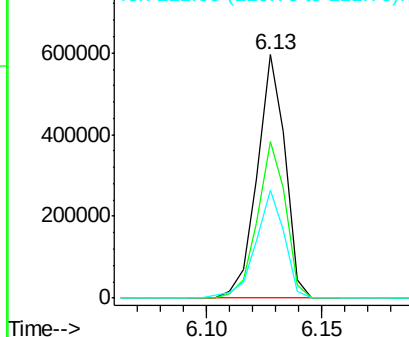


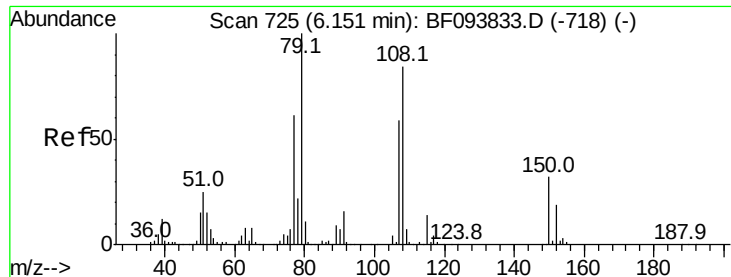
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



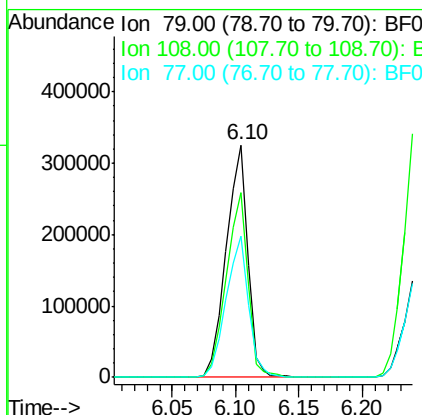
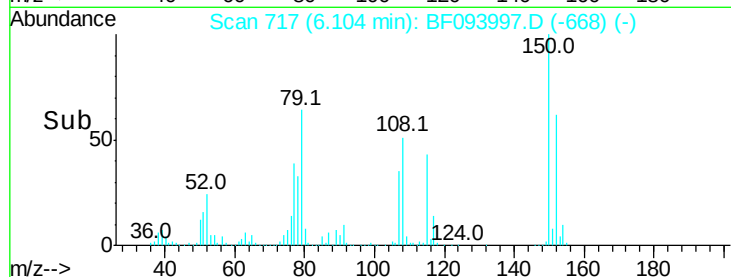
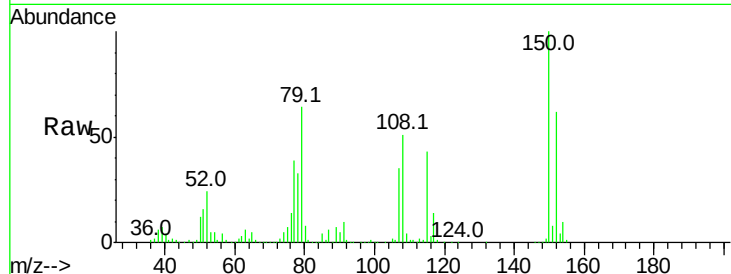


#15
Benzyl Alcohol
Concen: 37.99 ng
RT: 6.10 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

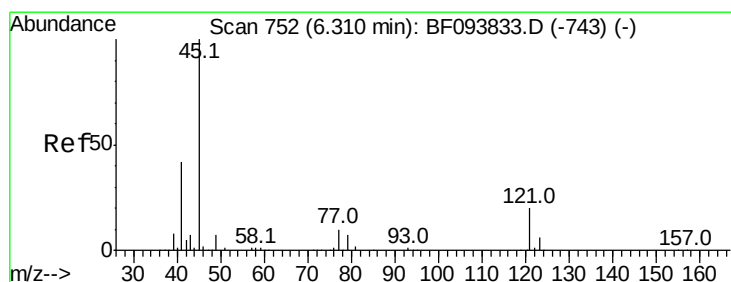
Tot Ion	Ratio	Lower	Upper
79	100		
108	79.8	63.4	95.0
77	61.1	49.2	73.8

Manual Integrations
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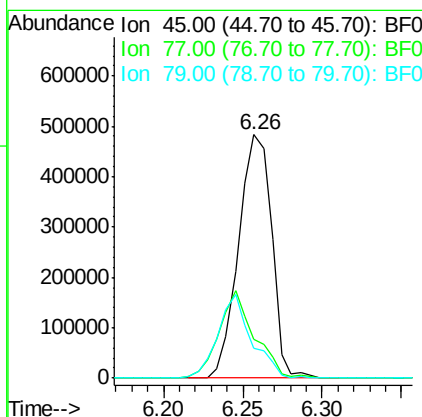
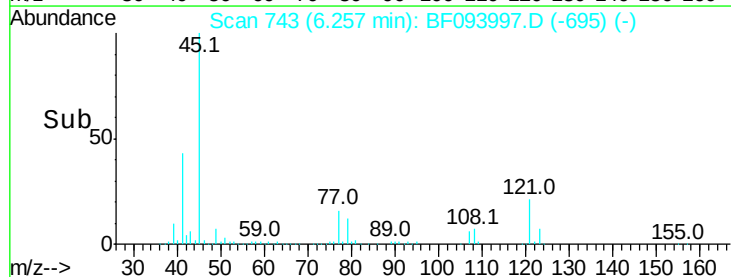
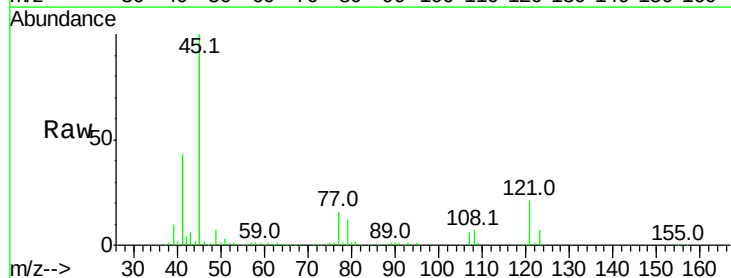
mohammad

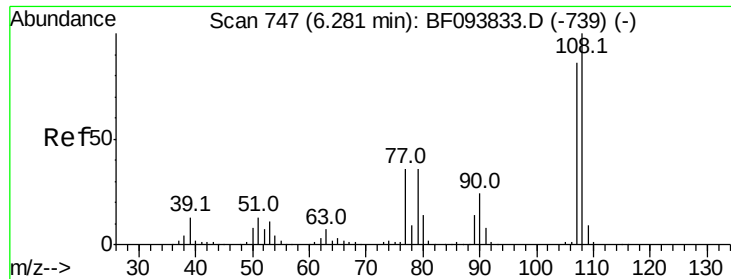
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.35 ng
RT: 6.26 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	33.2
79	12.4	0.0	30.0



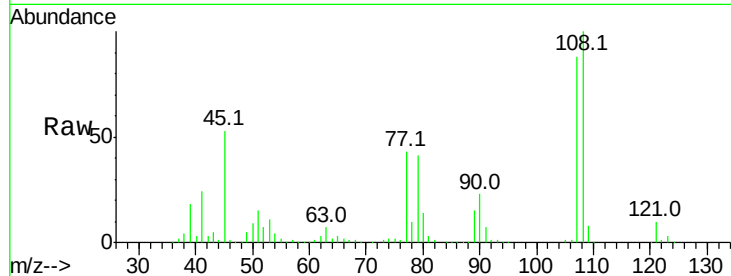


#17
2-Methylphenol
Concen: 39.78 ng
RT: 6.25 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	93.4	140.0
77	48.7	35.8	53.6
79	46.5	34.8	52.2

Manual Integrations
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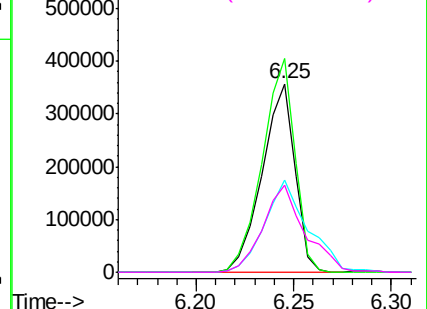
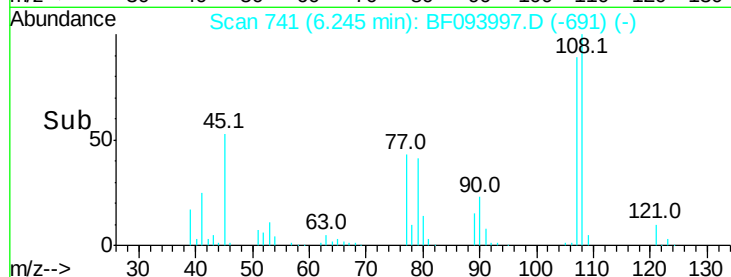
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

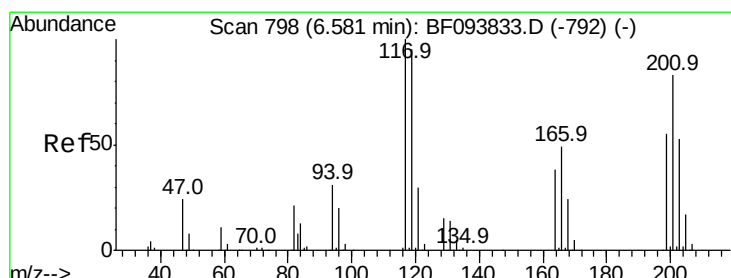
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



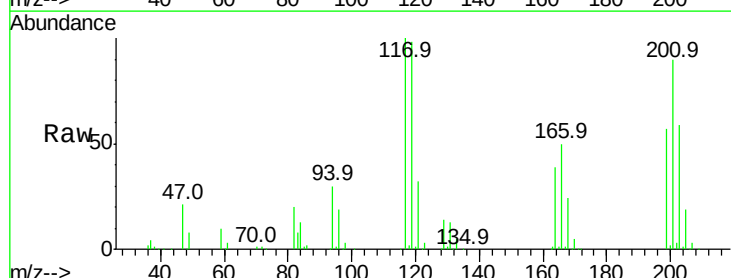
mohammad

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#18
Hexachloroethane
Concen: 39.49 ng
RT: 6.52 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.4	116.0
201	90.4	94.6	141.8#

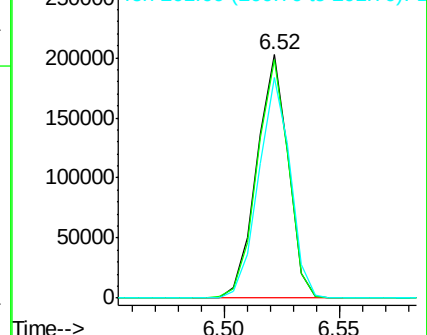
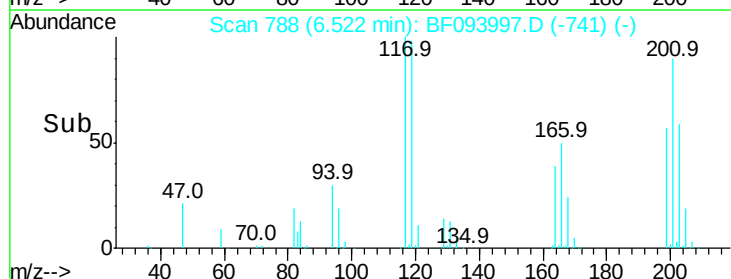


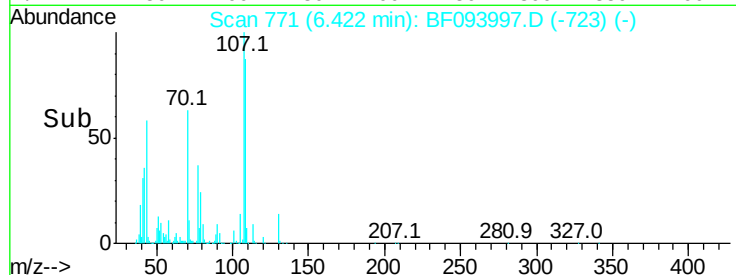
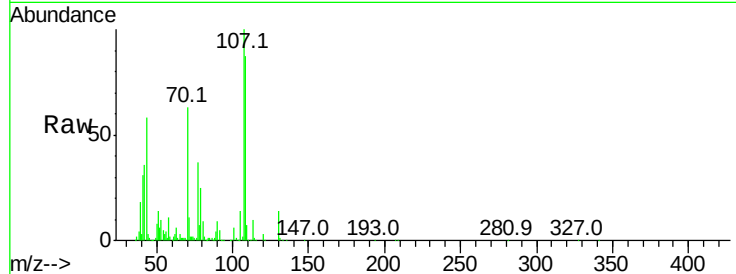
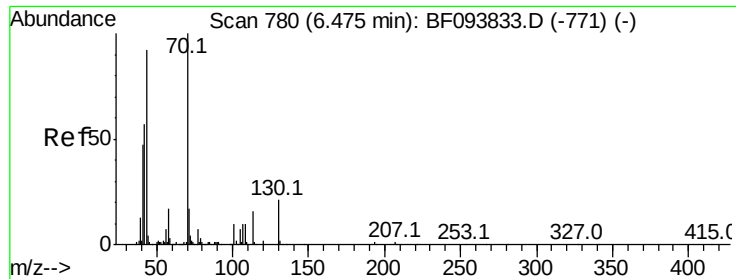
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



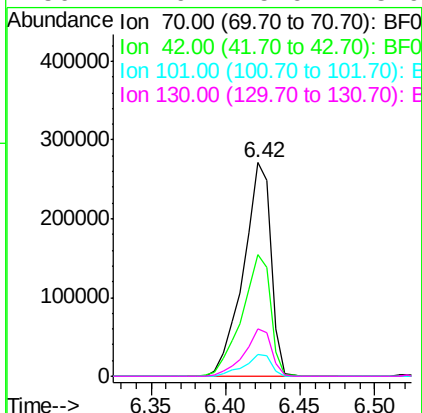


#19
n-Nitroso-di-n-propylamine
Concen: 39.20 ng
RT: 6.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

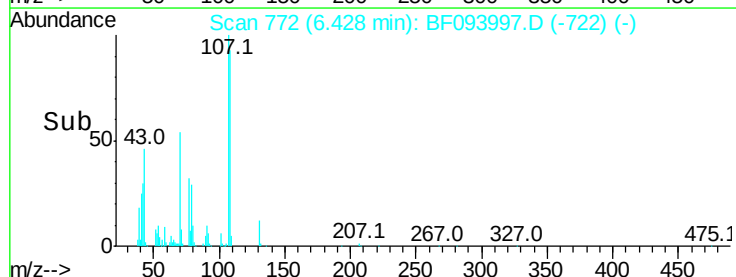
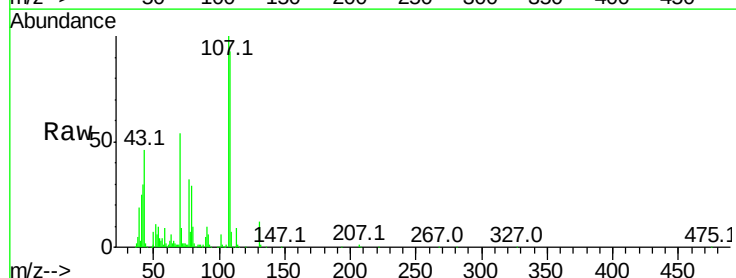
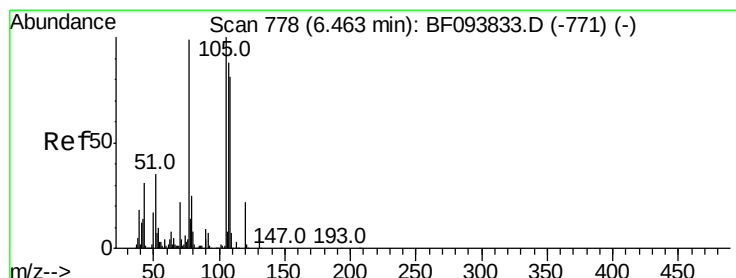
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.7	47.2	70.8	
101	10.1	7.2	10.8	
130	21.9	15.9	23.9	

Manual Integrations
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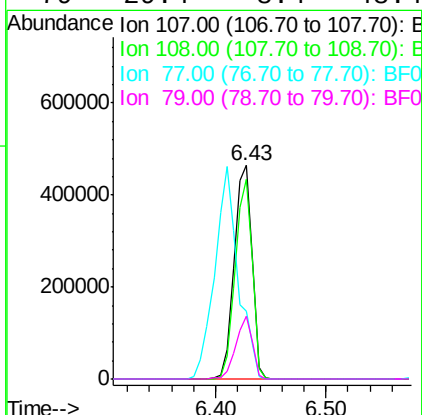
mohammad

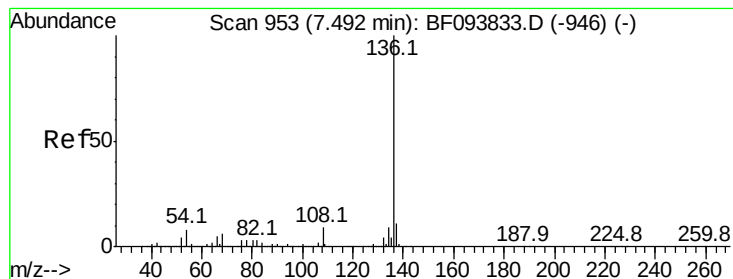
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#20
3+4-Methylphenols
Concen: 41.57 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.2	71.0	111.0	
77	32.0	90.5	130.5#	
79	29.4	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

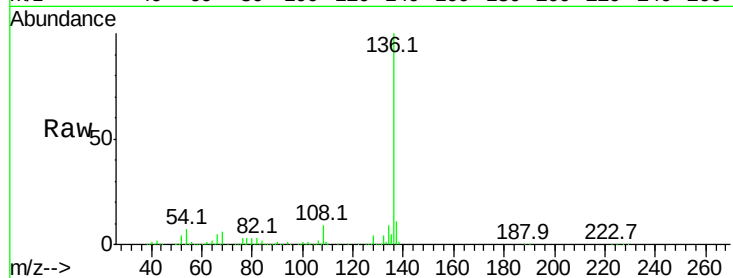
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	772588		
137	10.9		8.5	12.7
54	7.0		4.9	7.3
68	5.6		4.1	6.1

Manual Integrations
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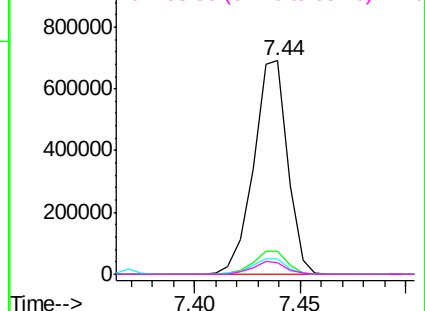
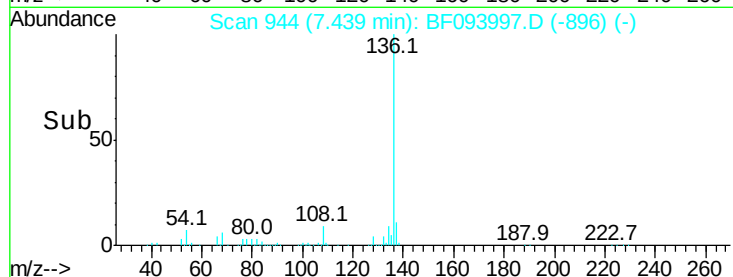
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

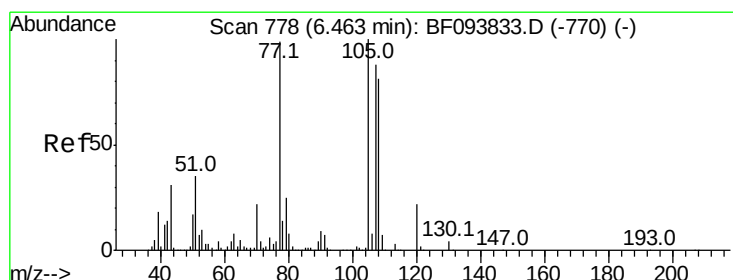
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



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#22

Acetophenone

Concen: 41.58 ng

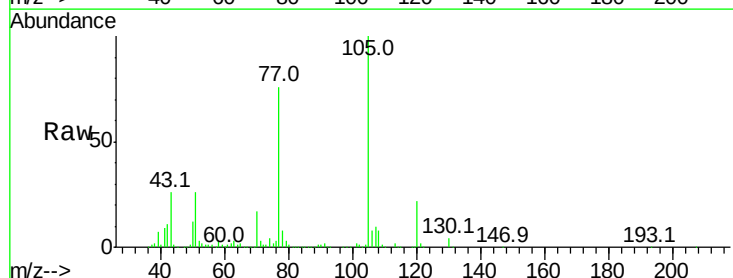
RT: 6.41 min Scan# 769

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	715938		
71	3.1		2.8	4.2
51	26.5		30.7	46.1#
120	22.2		17.4	26.0



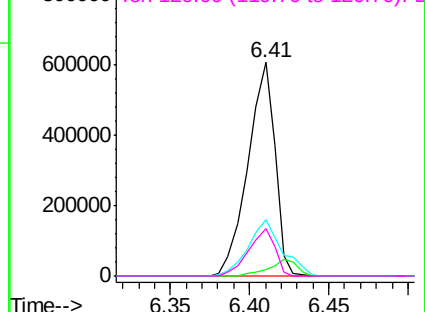
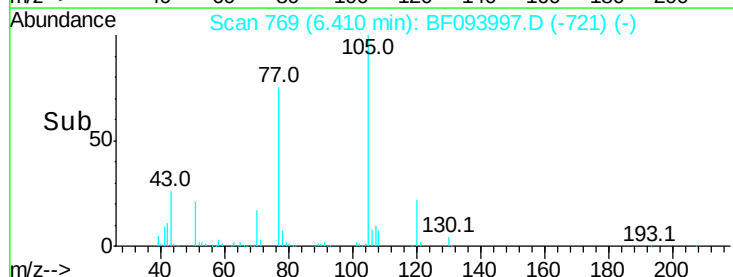
Abundance

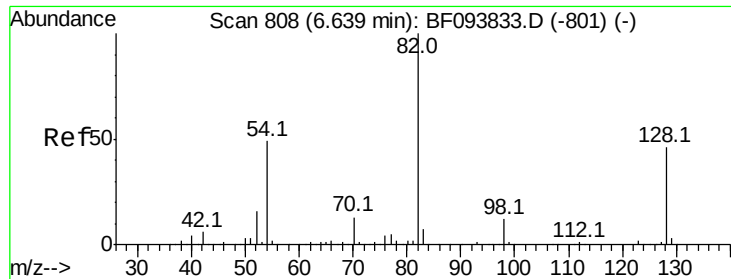
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



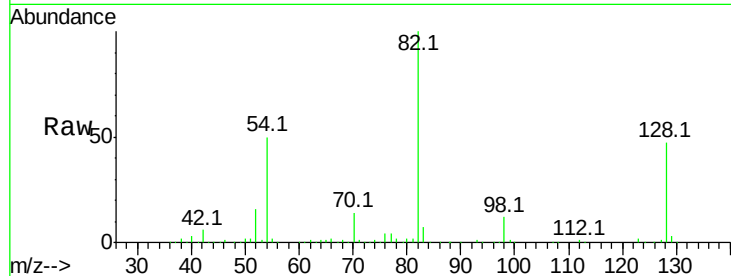


#23
Nitrobenzene-d5
Concen: 79.51 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

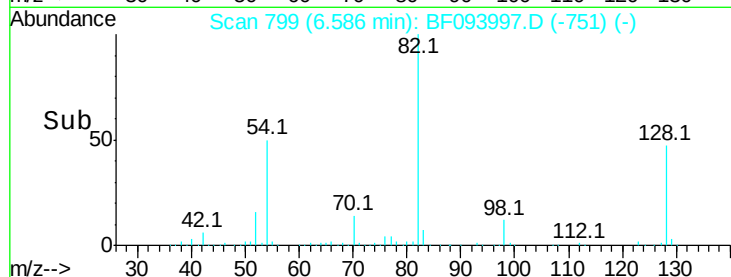
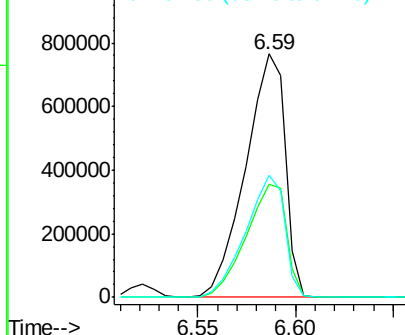
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 82 Resp: 1076458
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 50.3 42.2 63.2

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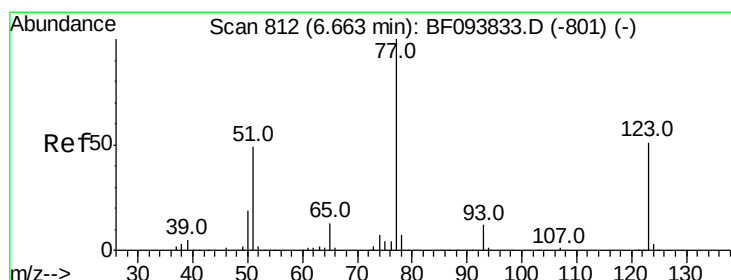


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



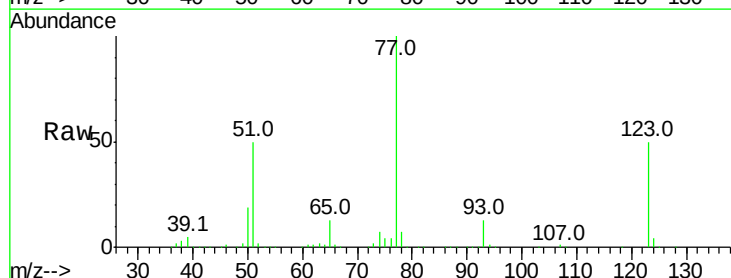
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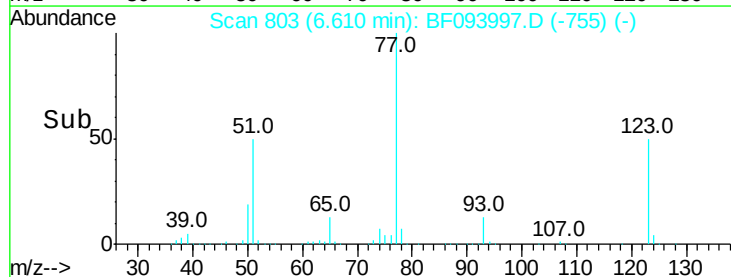
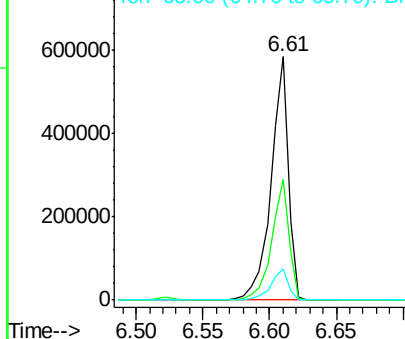


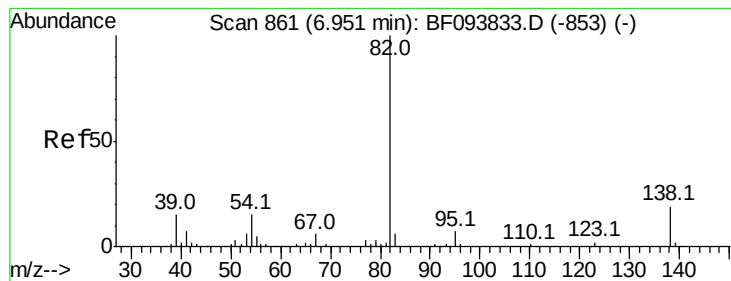
#24
Nitrobenzene
Concen: 39.65 ng
RT: 6.61 min Scan# 803
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion: 77 Resp: 529400
Ion Ratio Lower Upper
77 100
123 49.7 35.8 53.8
65 12.8 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.77 ng

RT: 6.90 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

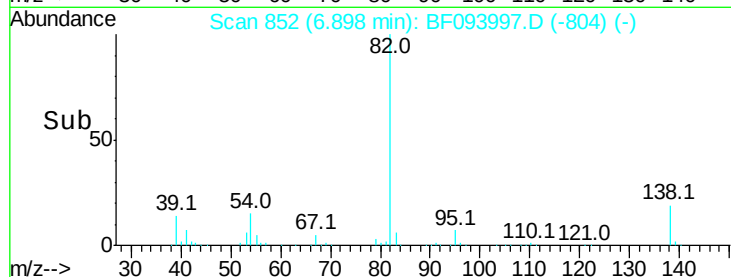
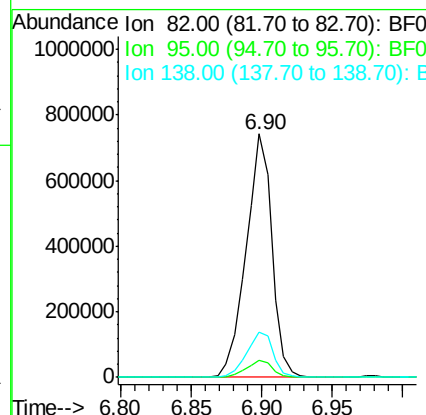
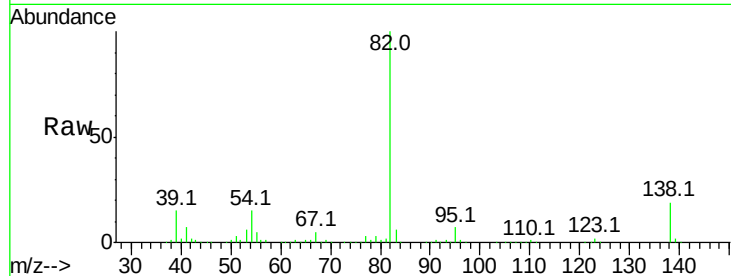
BNA_F

ClientSampleId :

SSTDCCC040EC

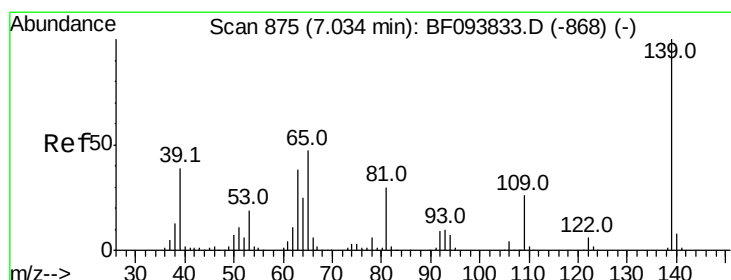
Tot Ion:	82	Resp:	946122
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	18.7	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.45 ng

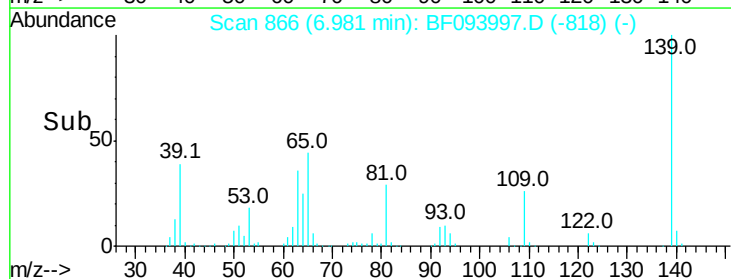
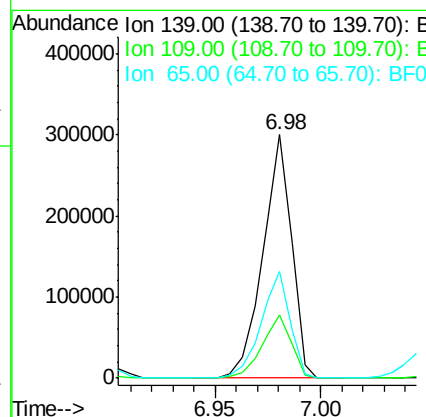
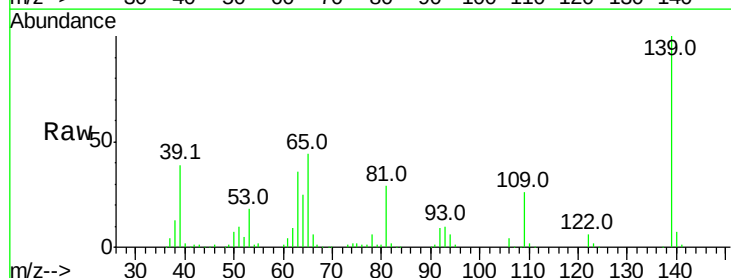
RT: 6.98 min Scan# 866

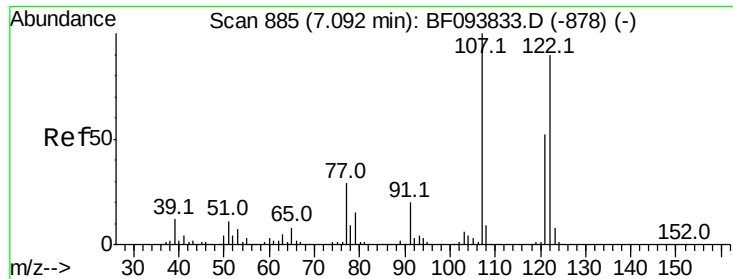
Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Tgt Ion:	139	Resp:	283028
Ion Ratio	Lower	Upper	
139	100		
109	26.2	21.0	31.6
65	44.0	33.0	49.6



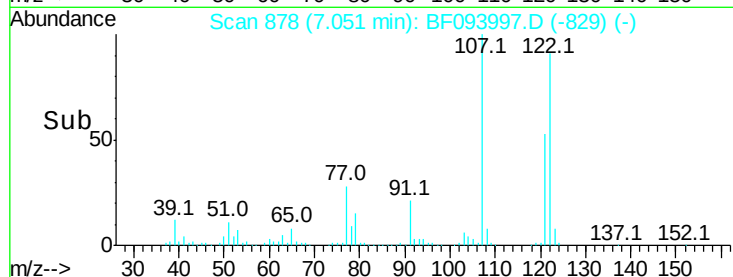
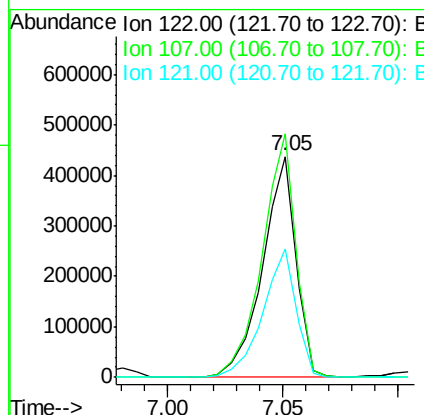
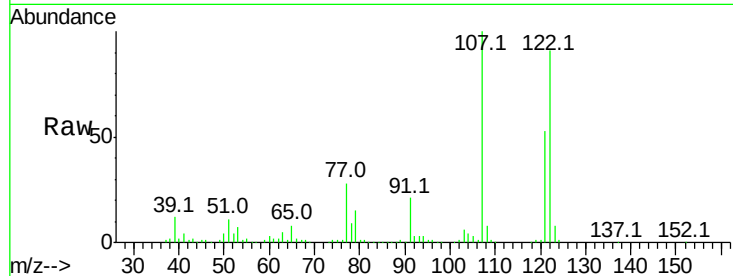


#27
2,4-Dimethylphenol
Concen: 40.15 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

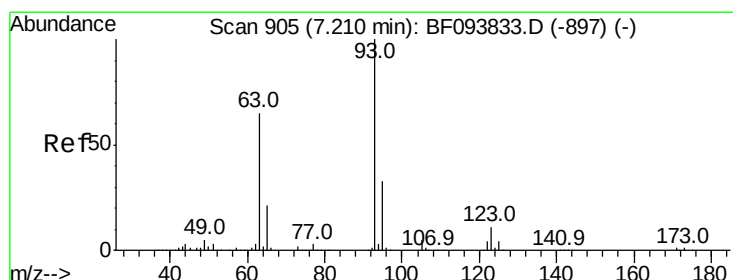
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	89.2	133.8
121	58.2	45.2	67.8

Manual Integrations
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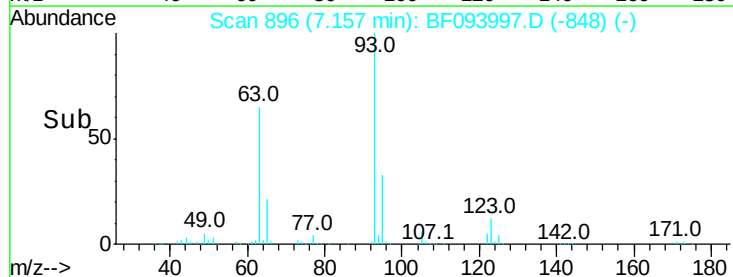
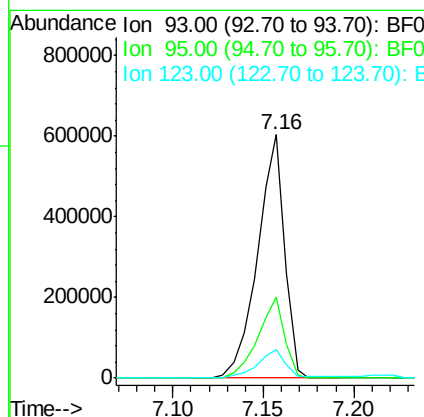
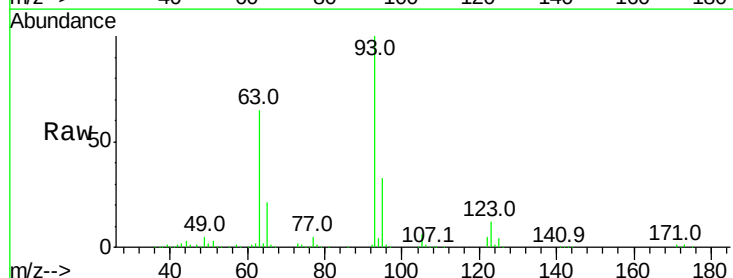
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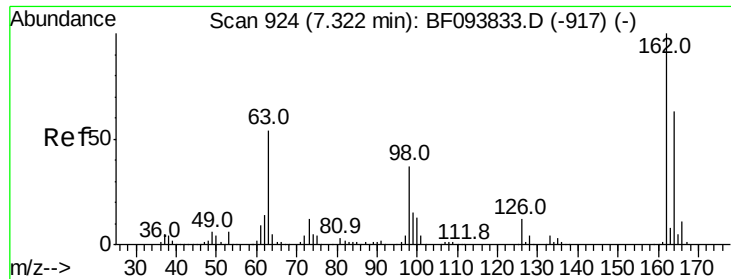
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#28
bis(2-Chloroethoxy)methane
Concen: 39.73 ng
RT: 7.16 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	11.8	9.0	13.4



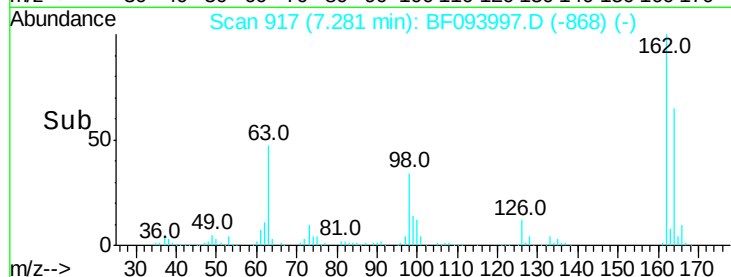
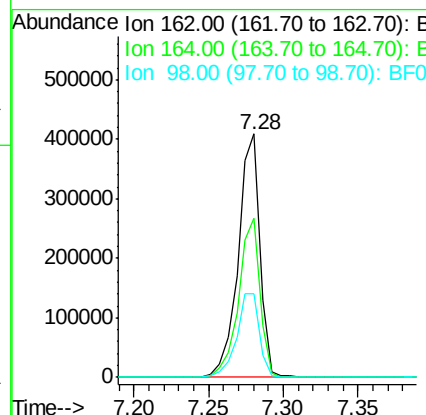
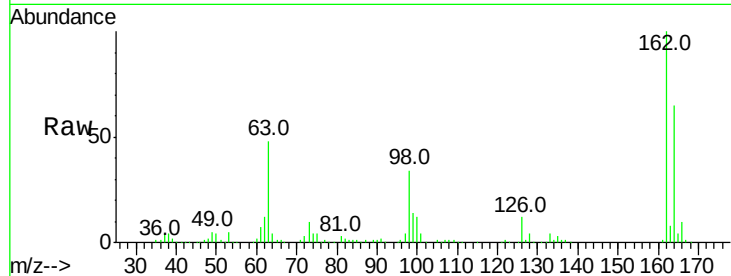


#29
2,4-Dichlorophenol
Concen: 40.79 ng
RT: 7.28 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

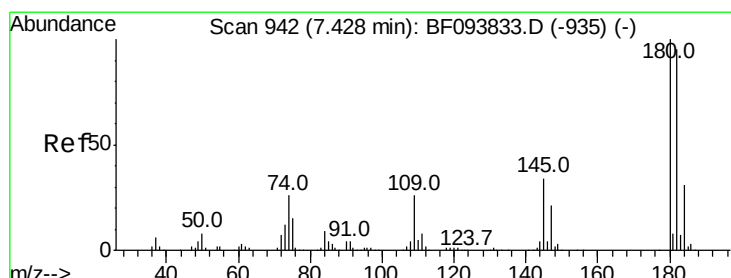
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.3	44.6	84.6
98	34.2	14.8	54.8

Manual Integrations
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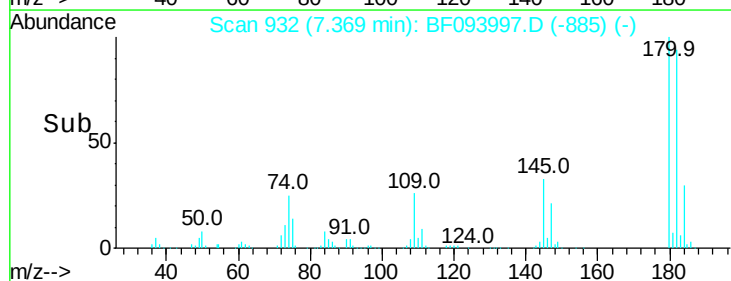
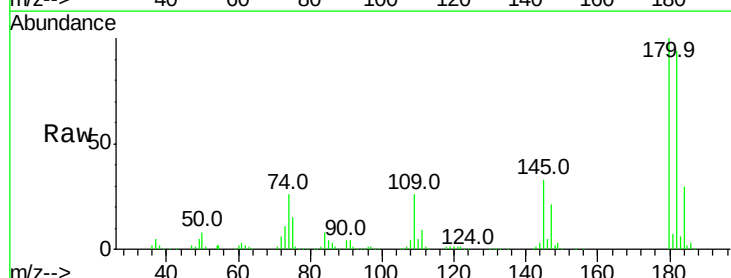
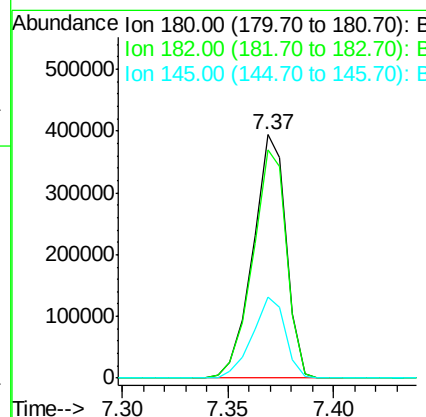
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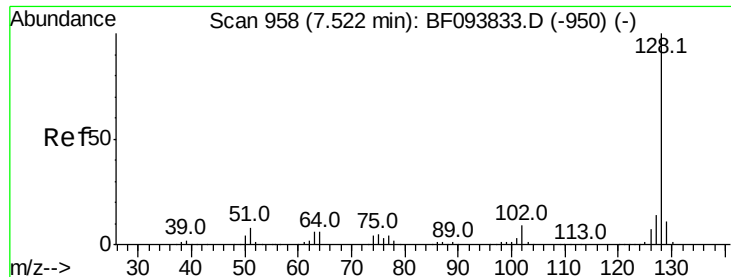
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#30
1,2,4-Trichlorobenzene
Concen: 40.72 ng
RT: 7.37 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.7	75.8	113.6
145	33.3	25.3	37.9



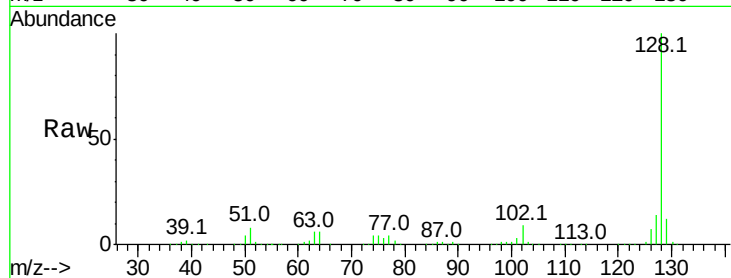


#31
Naphthalene
Concen: 39.56 ng
RT: 7.46 min Scan# 948
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

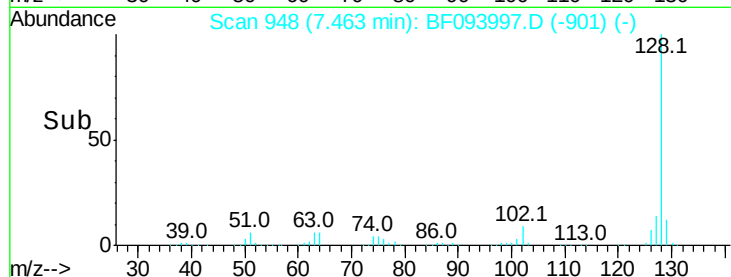
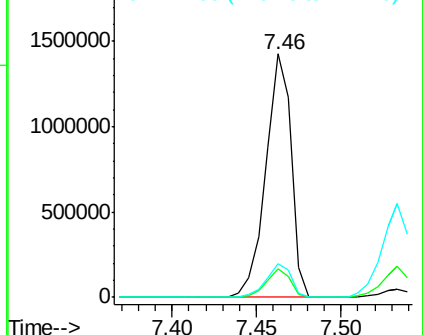
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.7	10.8	16.2

Manual Integrations
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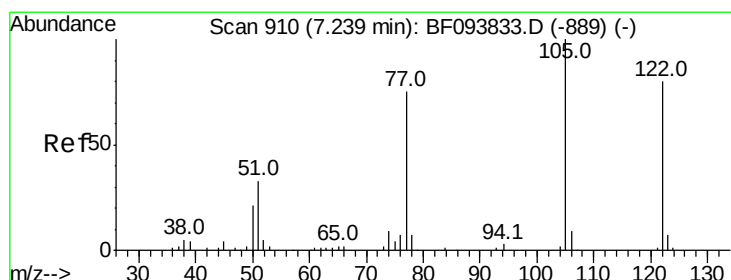


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



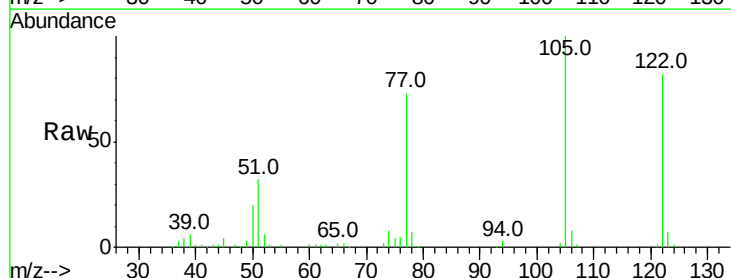
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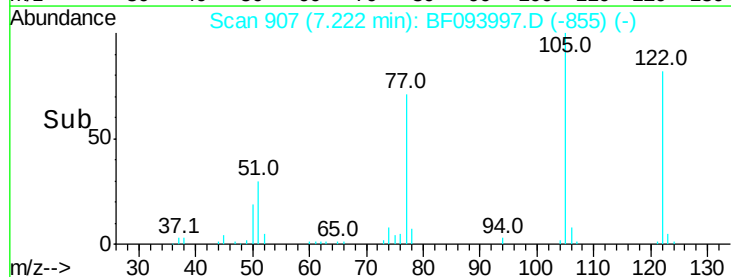
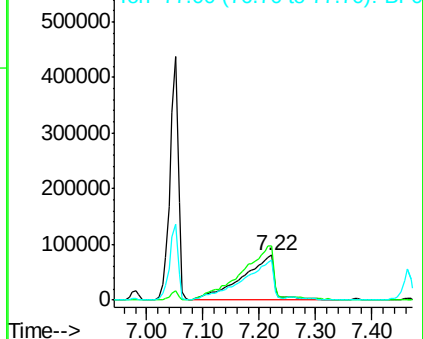


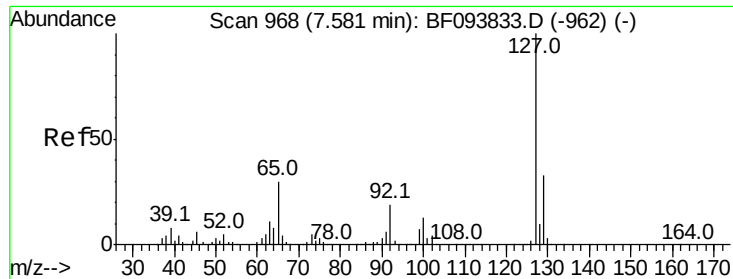
#32
Benzoic acid
Concen: 43.69 ng
RT: 7.22 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.6	103.3	143.3
77	88.3	73.7	113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0



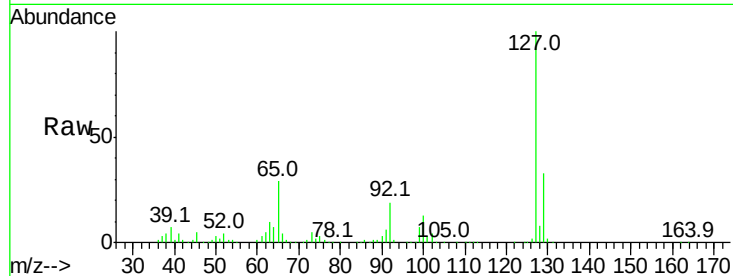


#33
4-Chloroaniline
Concen: 40.78 ng
RT: 7.53 min Scan# 960
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

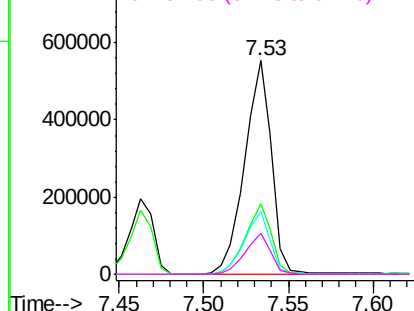
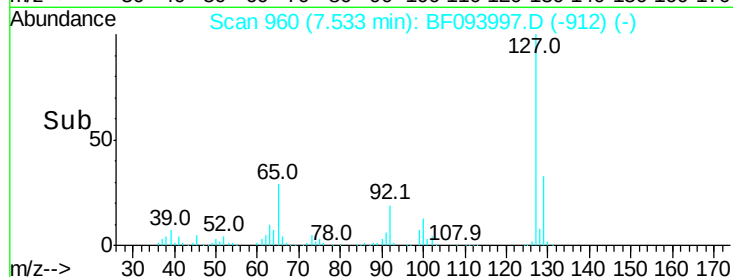
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.2	39.2		
65	29.2	27.8	41.8		
92	19.0	16.8	25.2		

Manual Integrations
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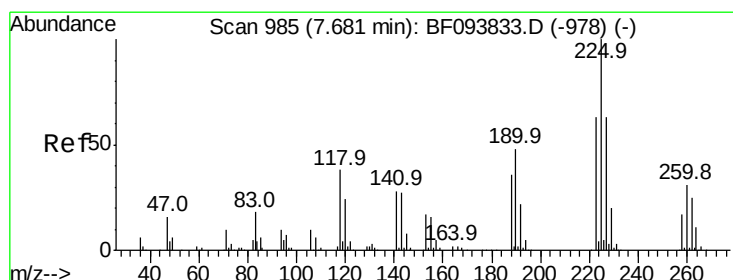


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



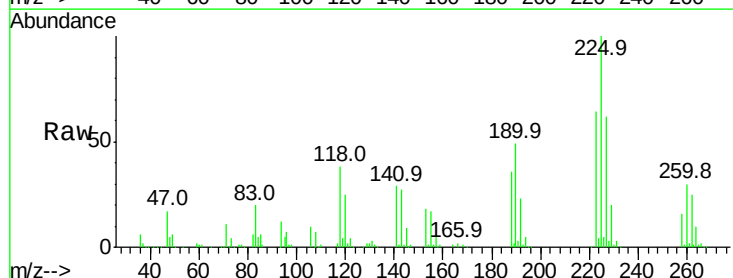
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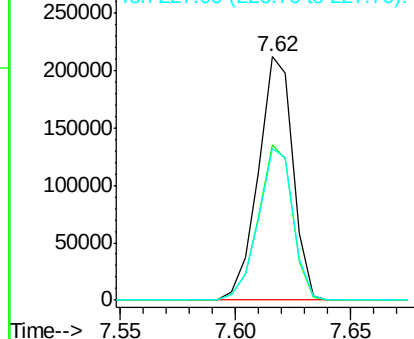
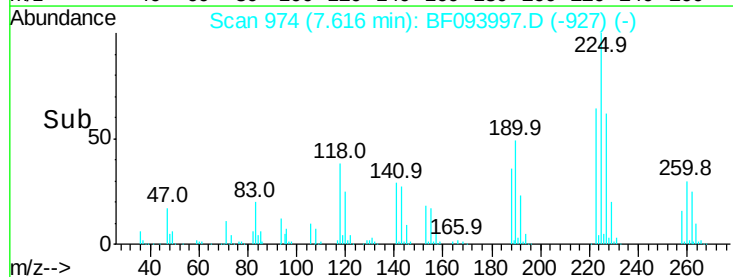


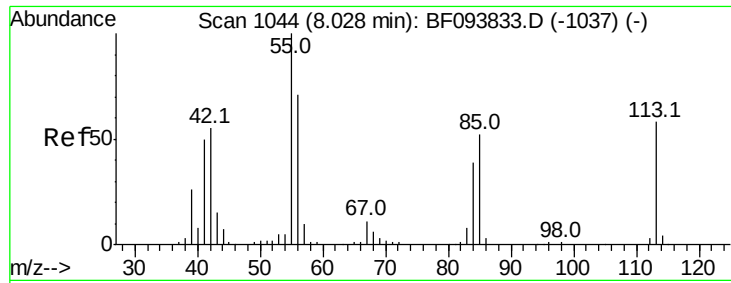
#34
Hexachlorobutadiene
Concen: 40.83 ng
RT: 7.62 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	48.8	73.2		
227	62.0	51.1	76.7		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



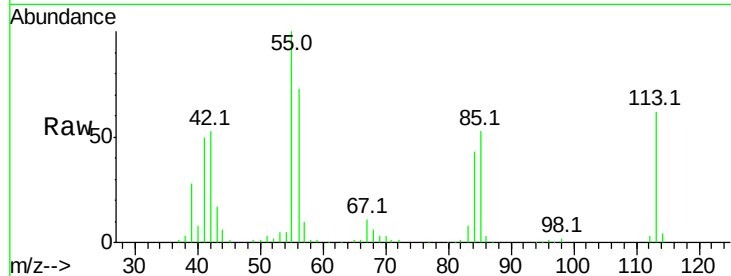


#35
 Caprolactam
 Concen: 40.52 ng
 RT: 8.00 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

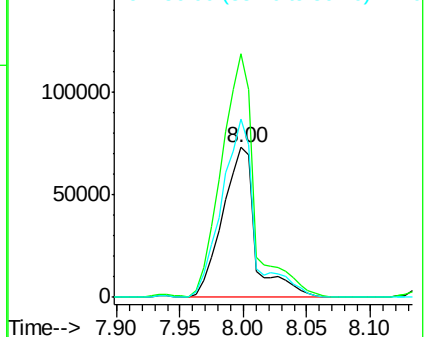
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	162.4	150.2	190.2
56	118.9	107.8	147.8

Manual Integrations
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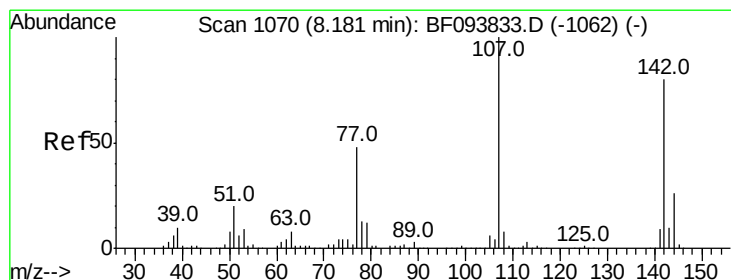
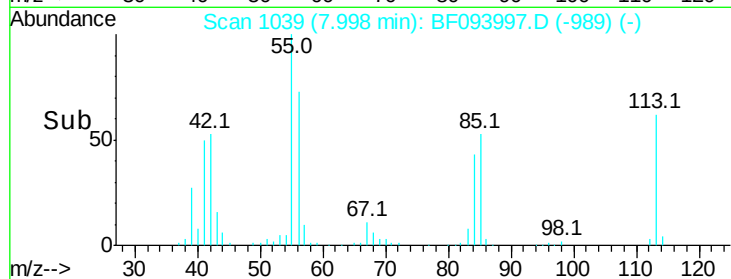


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0



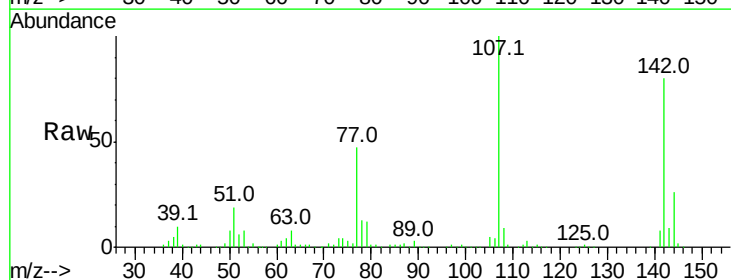
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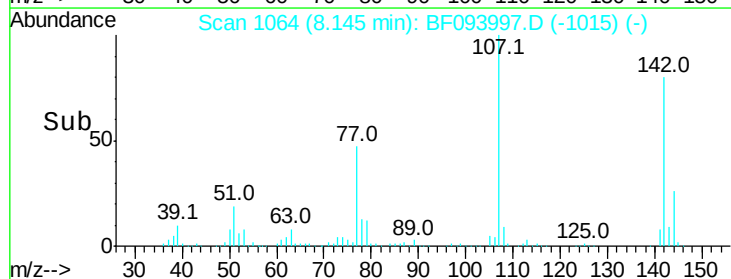
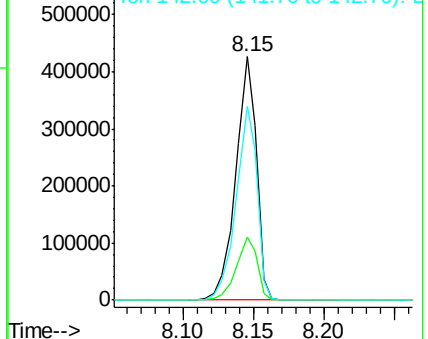


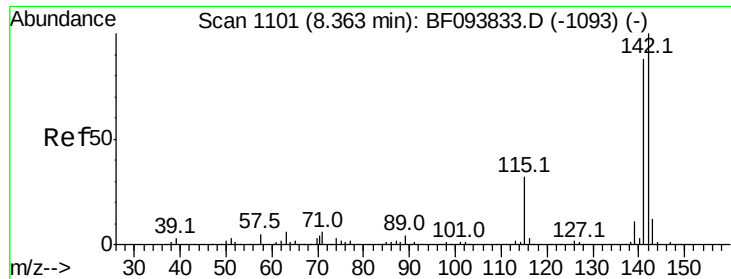
#36
 4-Chloro-3-methylphenol
 Concen: 40.43 ng
 RT: 8.15 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	24.2	36.4
142	79.8	73.4	110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



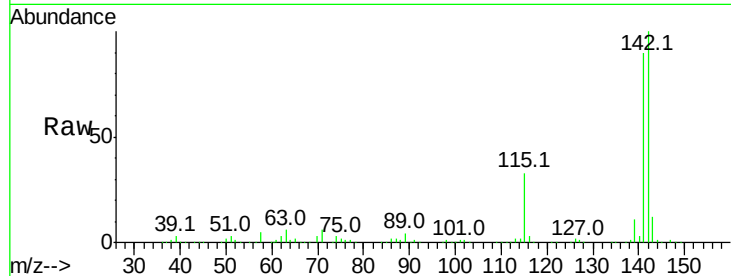


#37
2-Methylnaphthalene
Concen: 39.76 ng
RT: 8.30 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

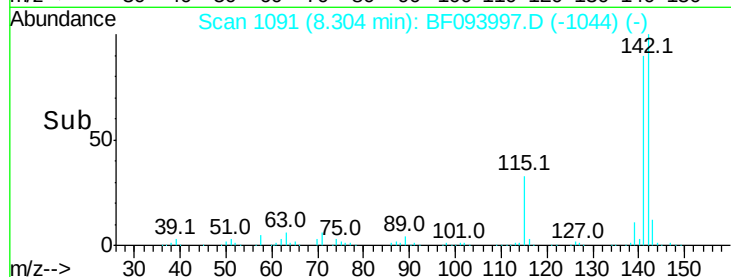
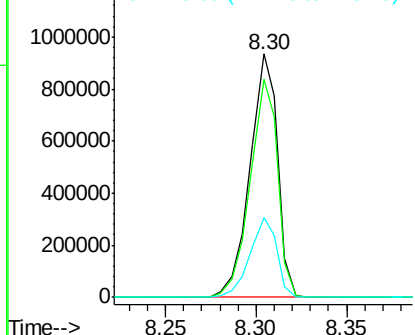
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	33.0	27.1	40.7

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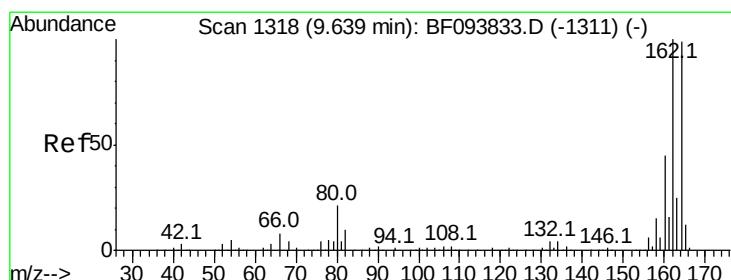


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



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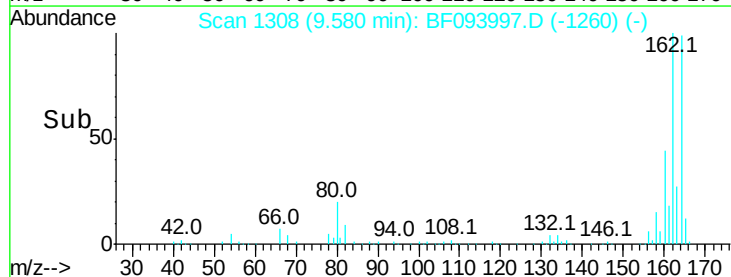
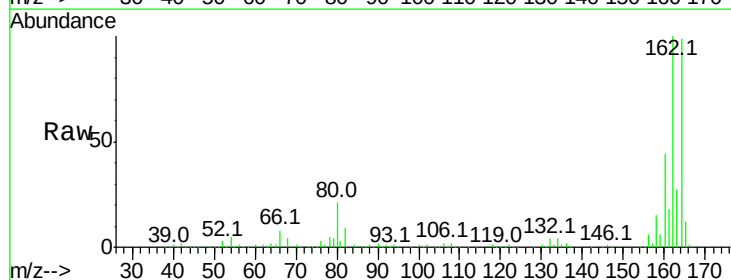
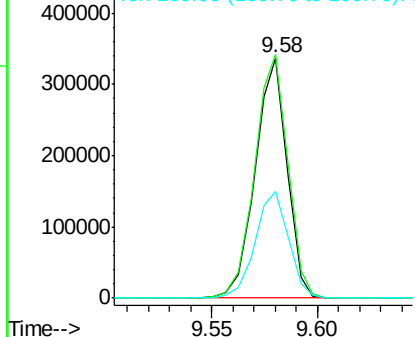
3/29/2017 1:56:46 PM

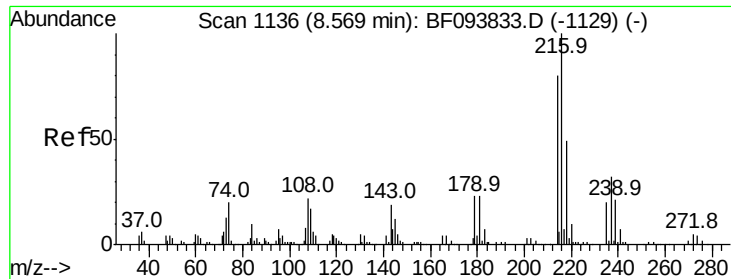


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	44.4	36.2	54.2

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



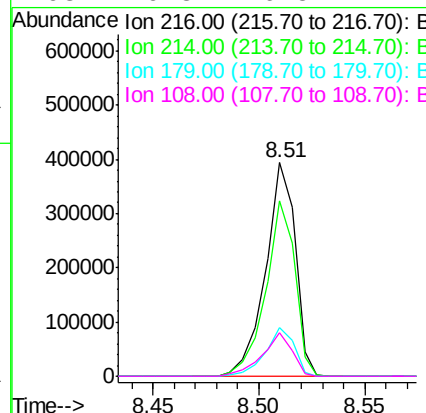
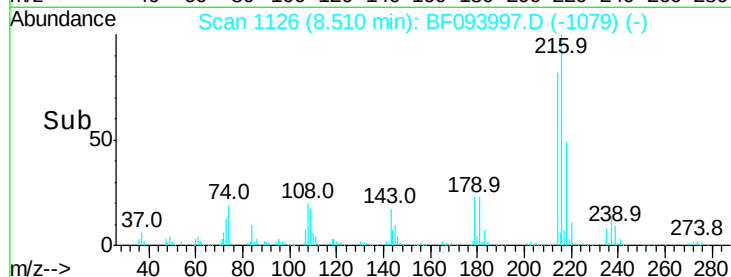
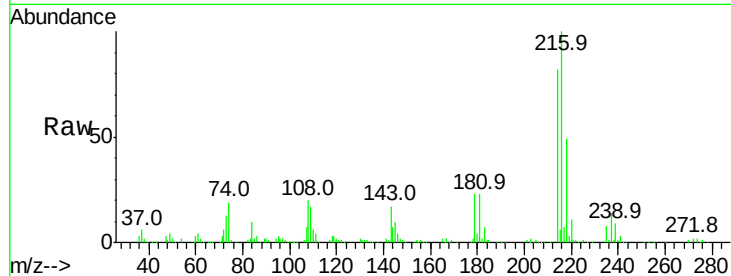


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.24 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

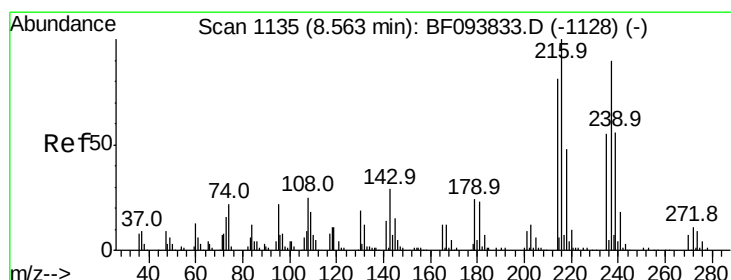
Tot Ion	Ratio	Resp	Lower	Upper
216	100	387309		
214	80.7	63.4	95.2	
179	22.3	17.9	26.9	
108	20.3	16.5	24.7	

Manual Integrations
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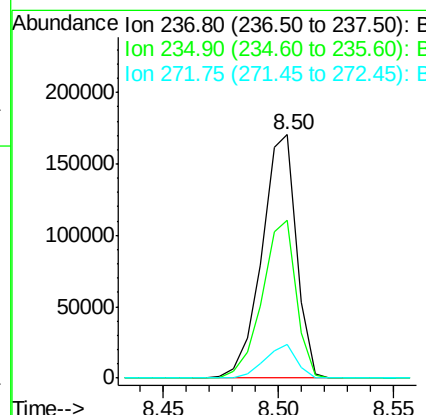
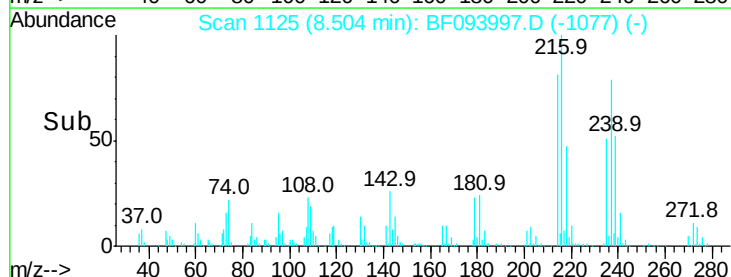
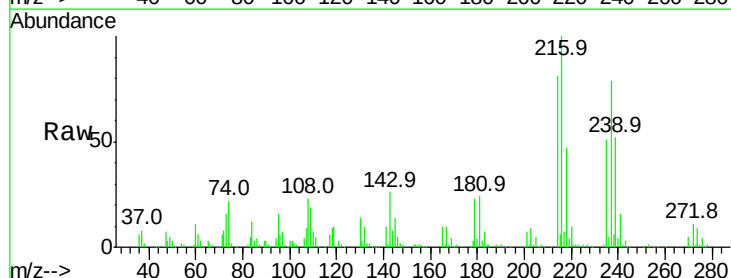
mohammad

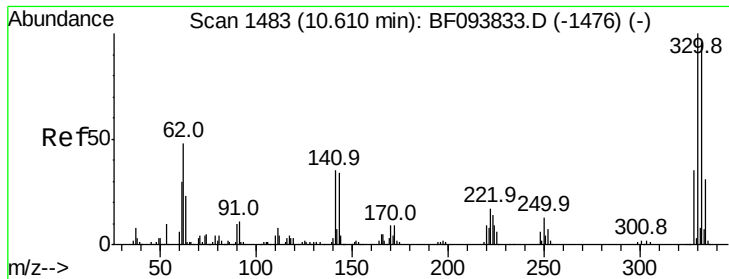
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#40
 Hexachlorocyclopentadiene
 Concen: 39.39 ng
 RT: 8.50 min Scan# 1125
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	177430		
235	64.7	42.6	82.6	
272	14.0	0.0	31.9	



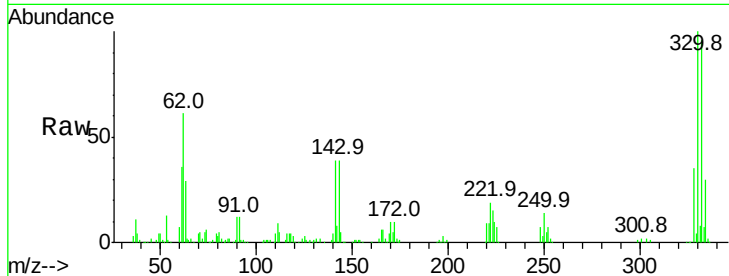


#41
 2,4,6-Tribromophenol
 Concen: 81.98 ng
 RT: 10.55 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

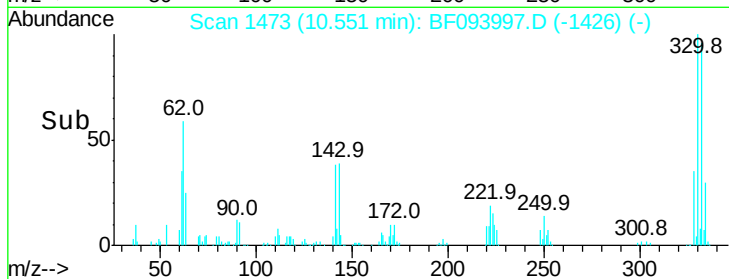
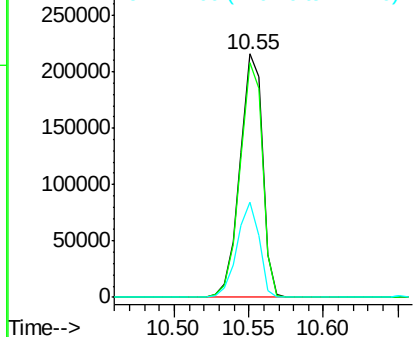
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	227944		
332	95.9	76.6	115.0	
141	38.7	31.4	47.2	

Manual Integrations
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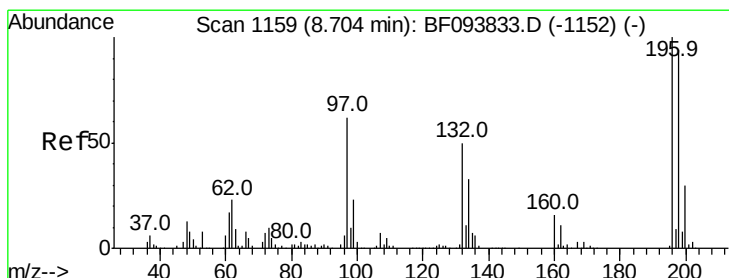


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



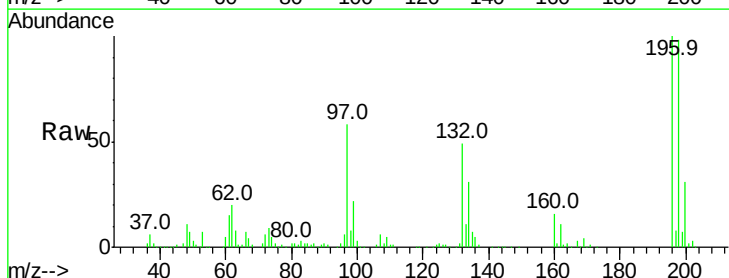
mohammad

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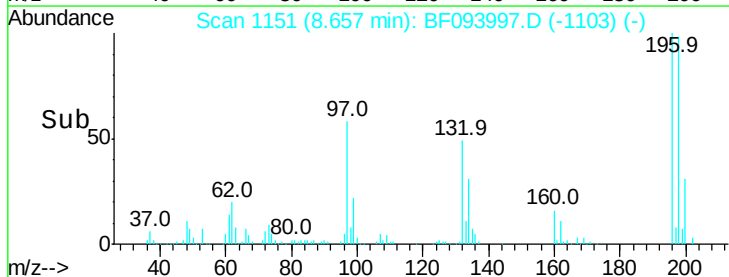
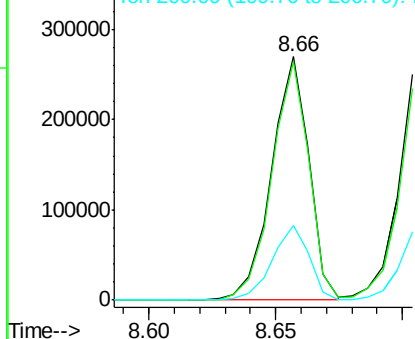


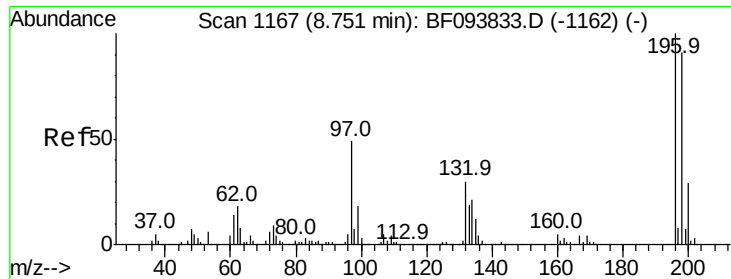
#42
 2,4,6-Trichlorophenol
 Concen: 40.91 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278577		
198	98.1	74.2	111.4	
200	30.6	24.0	36.0	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



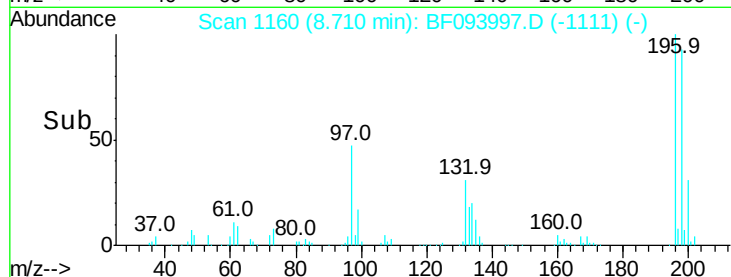
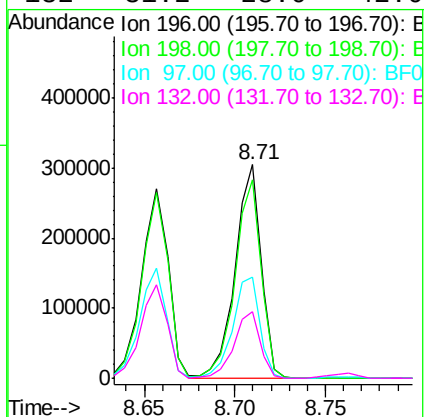
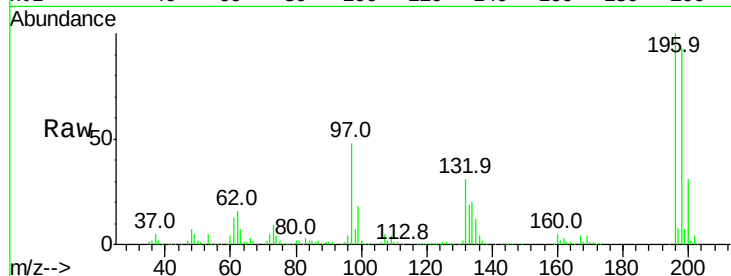


#43
2,4,5-Trichlorophenol
Concen: 41.28 ng
RT: 8.71 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

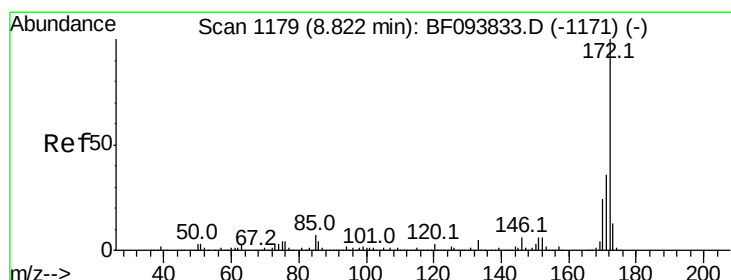
Tot Ion	Ratio	Resp	Lower	Upper
196	100	304180		
198	93.1	75.7	113.5	
97	47.6	47.7	71.5#	
132	31.2	28.0	42.0	

Manual Integrations
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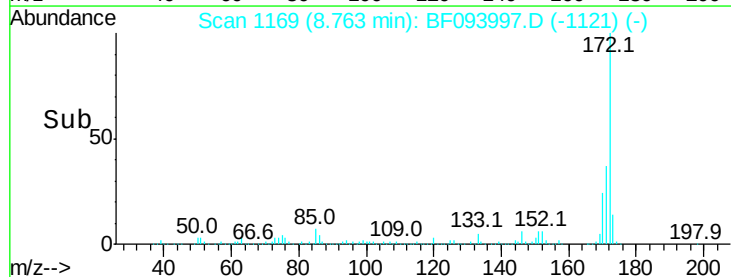
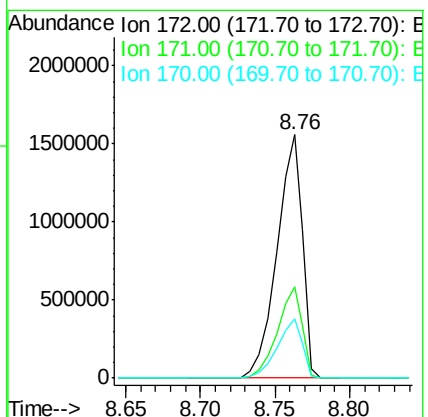
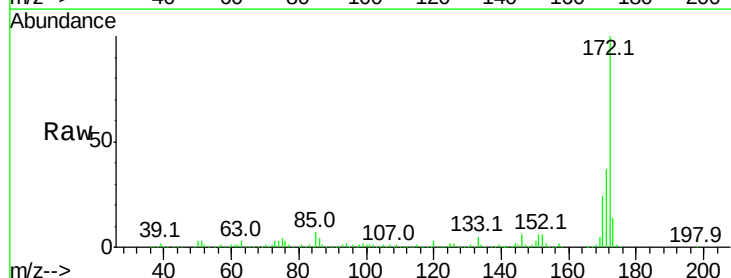
mohammad

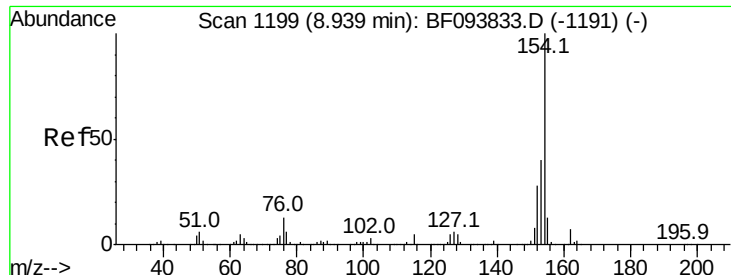
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#44
2-Fluorobiphenyl
Concen: 80.32 ng
RT: 8.76 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1852783		
171	37.3	29.6	44.4	
170	24.3	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 39.55 ng

RT: 8.88 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1122292

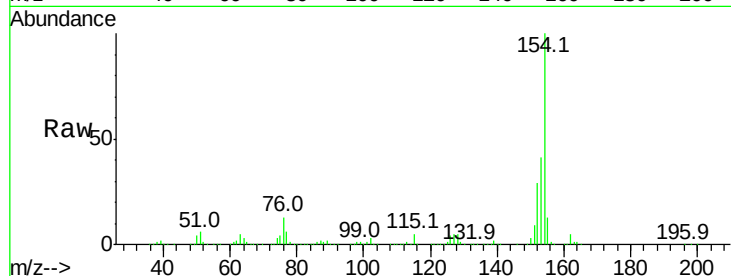
Ion Ratio Lower Upper

154 100

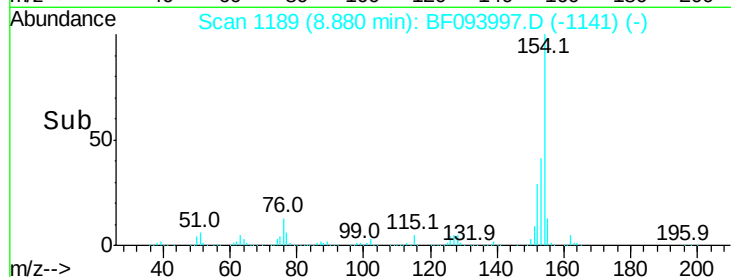
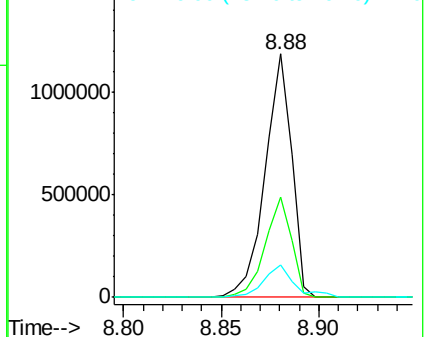
153 41.2 21.2 61.2

76 13.3 0.0 29.9

Manual Integrations
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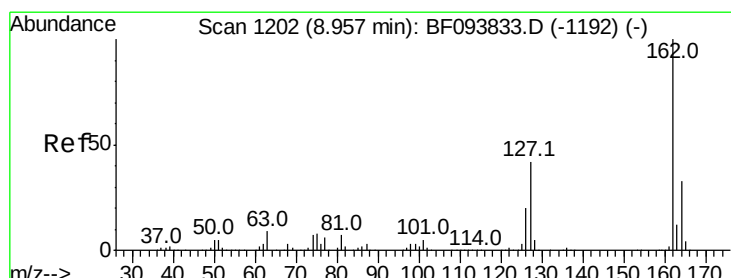


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



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#46

2-Chloronaphthalene

Concen: 39.71 ng

RT: 8.90 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

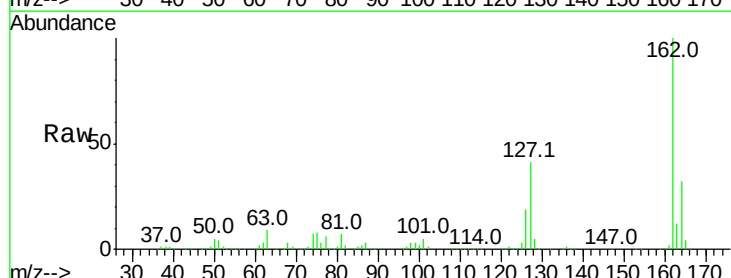
Tgt Ion:162 Resp: 882078

Ion Ratio Lower Upper

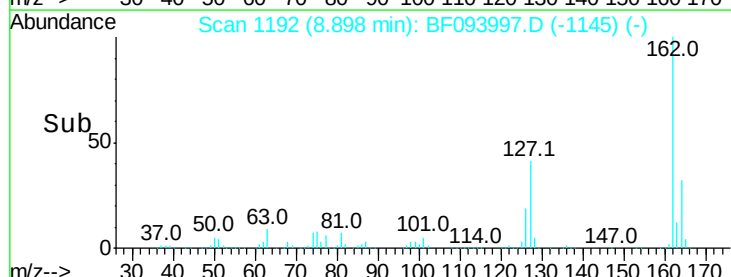
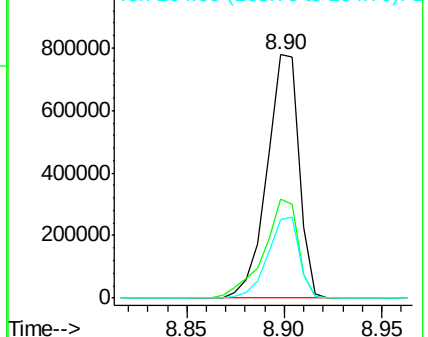
162 100

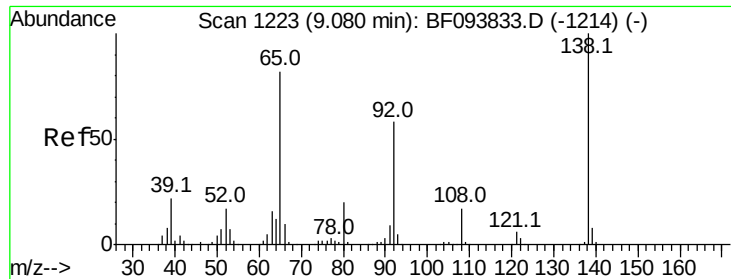
127 40.5 28.3 42.5

164 32.3 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.02 ng

RT: 9.03 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 65 Resp: 263719

Ion Ratio Lower Upper

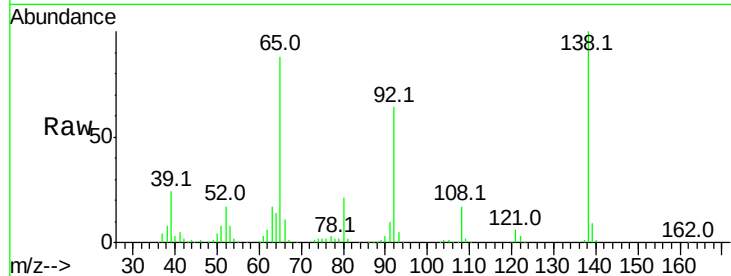
65 100

92 72.6 53.9 80.9

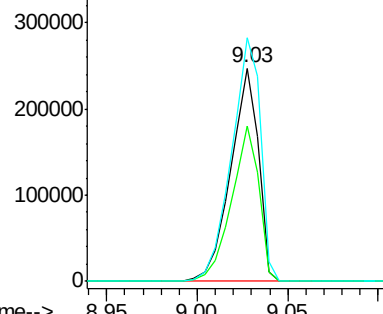
138 114.3 78.8 118.2

Manual Integrations

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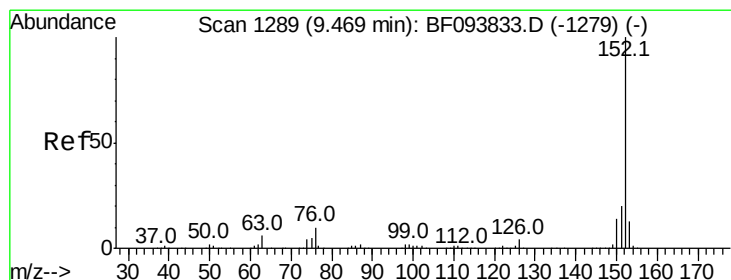
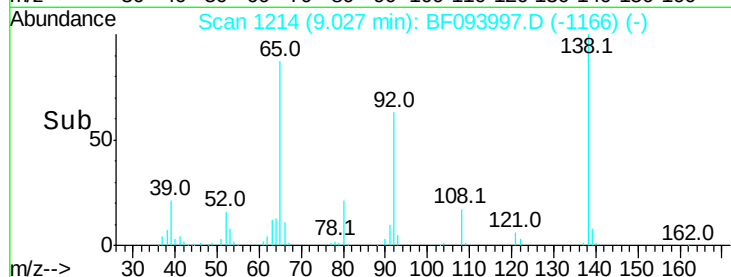


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



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#48

Acenaphthylene

Concen: 38.77 ng

RT: 9.41 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

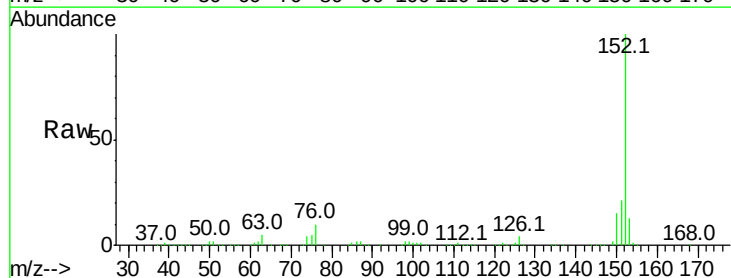
Tgt Ion:152 Resp: 1431474

Ion Ratio Lower Upper

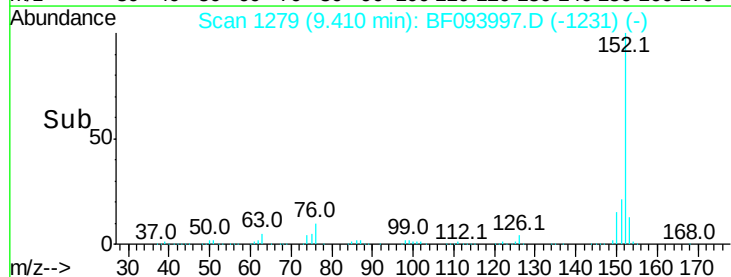
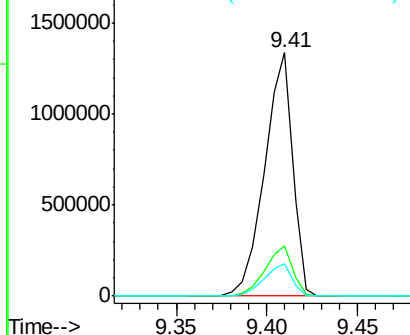
152 100

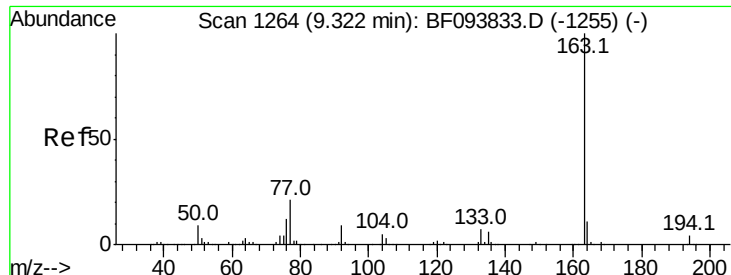
151 20.6 16.8 25.2

153 13.1 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



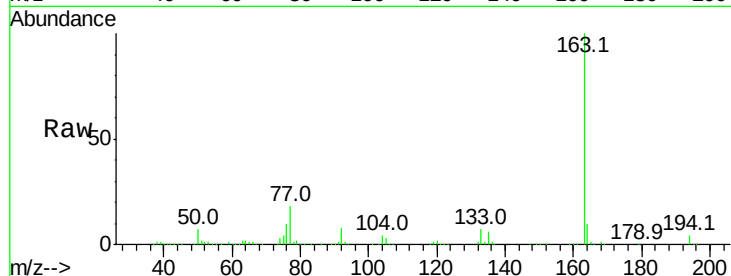


#49
 Dimethylphthalate
 Concen: 40.60 ng
 RT: 9.27 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

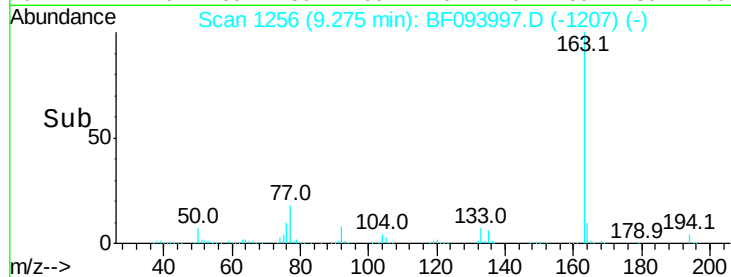
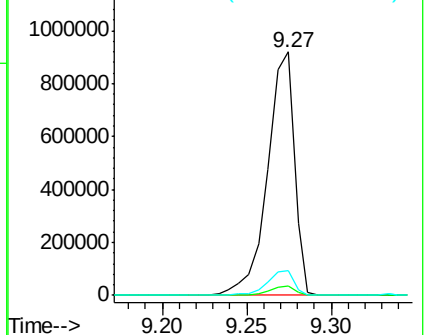
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	163	Resp:	1015372
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.6	4.0
164	10.0	8.4	12.6

Manual Integrations
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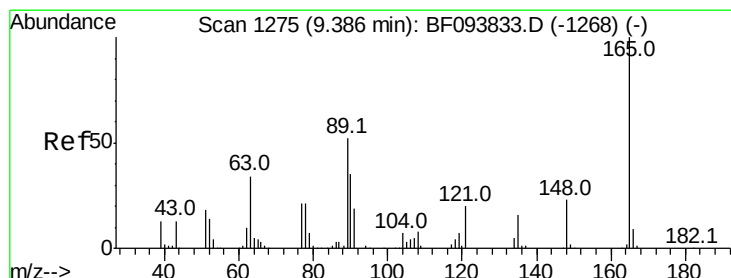


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E



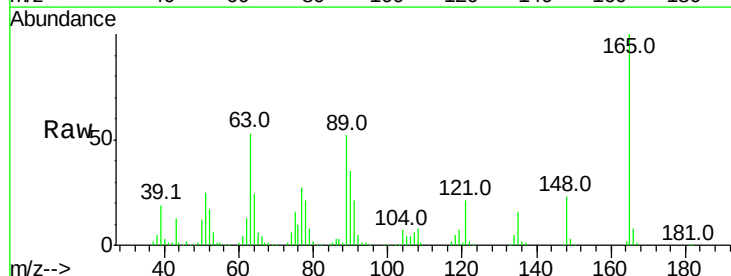
mohammad

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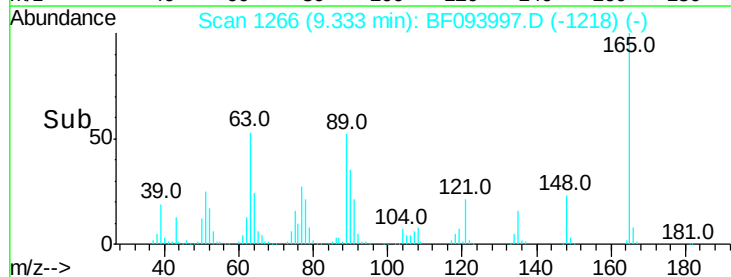
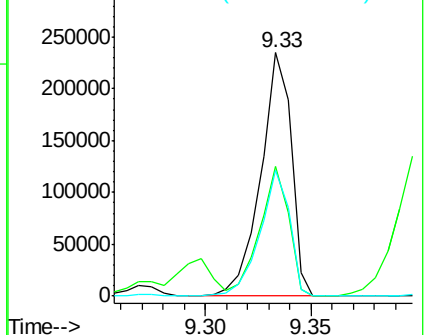


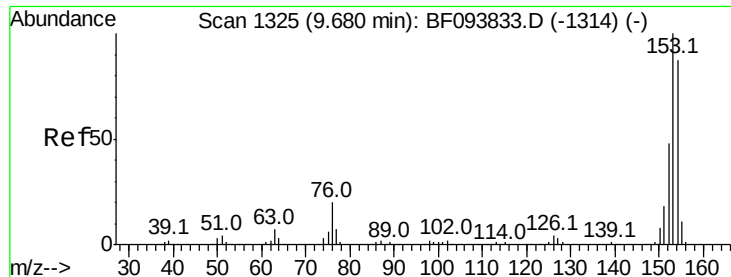
#50
 2,6-Dinitrotoluene
 Concen: 41.35 ng
 RT: 9.33 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion:	165	Resp:	237061
Ion Ratio	Lower	Upper	
165	100		
63	53.1	34.3	51.5#
89	51.9	37.1	55.7



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0



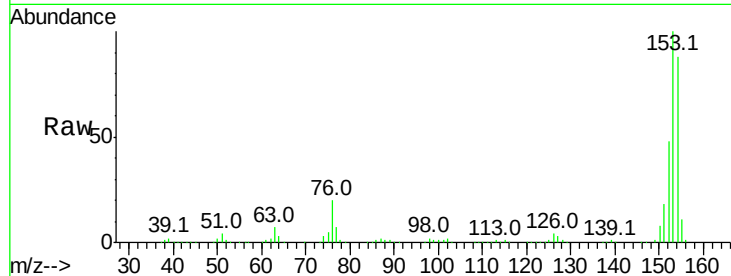


#51
Acenaphthene
Concen: 38.88 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

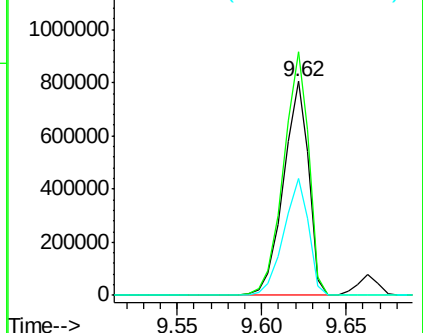
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.5	135.7
152	54.7	43.6	65.4

Manual Integrations
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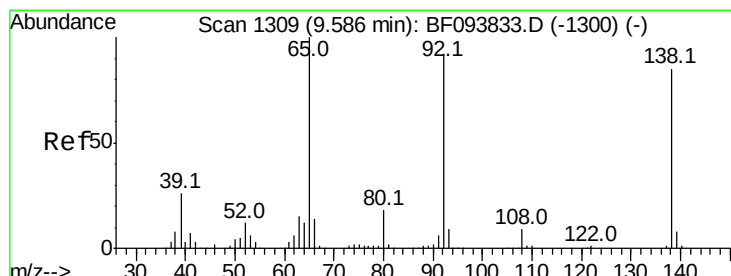
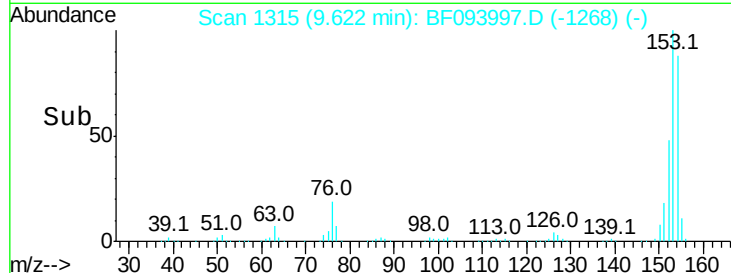


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



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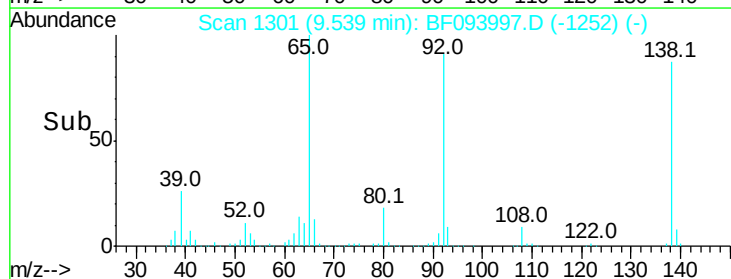
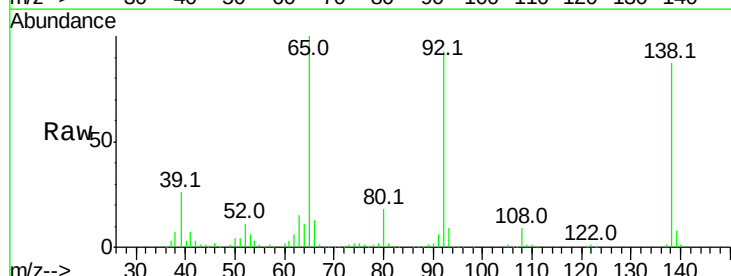
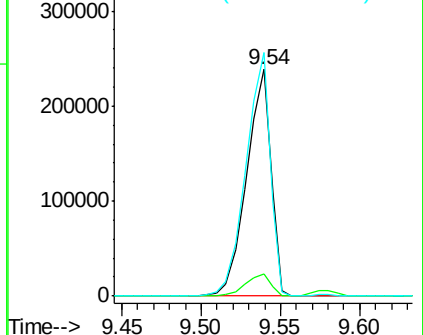
3/29/2017 1:56:46 PM

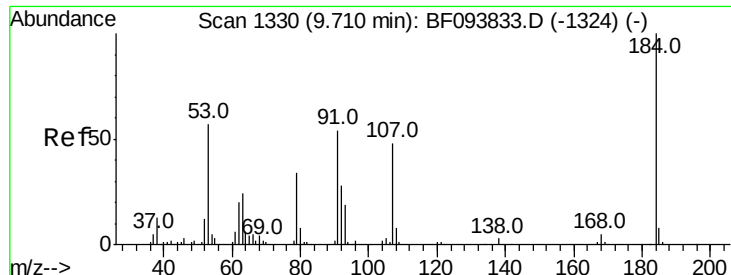


#52
3-Nitroaniline
Concen: 37.81 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.1	13.7
92	107.3	93.8	140.6

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0



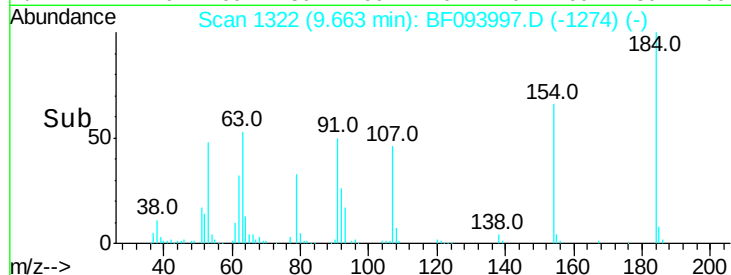
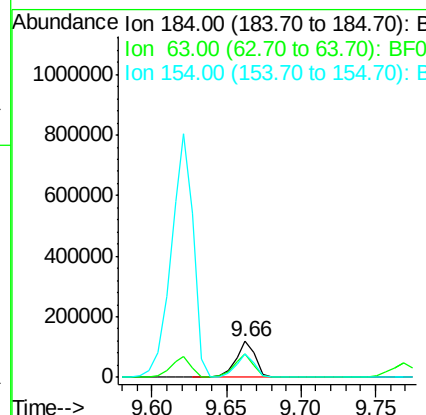
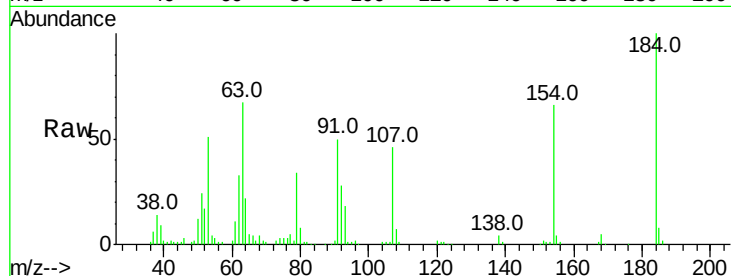


#53
 2,4-Dinitrophenol
 Concen: 38.73 ng
 RT: 9.66 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

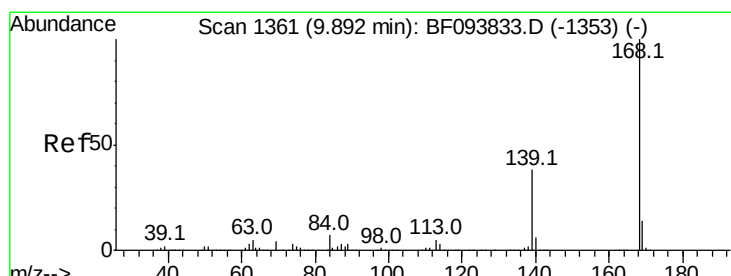
Tot Ion:	184	Resp:	110977
Ion Ratio	Lower	Upper	
184	100		
63	67.2	62.7	94.1
154	65.7	81.1	121.7#

Manual Integrations
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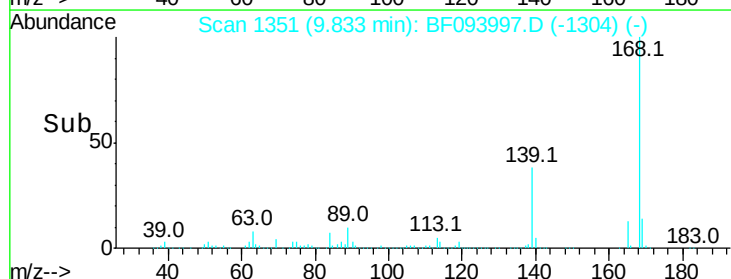
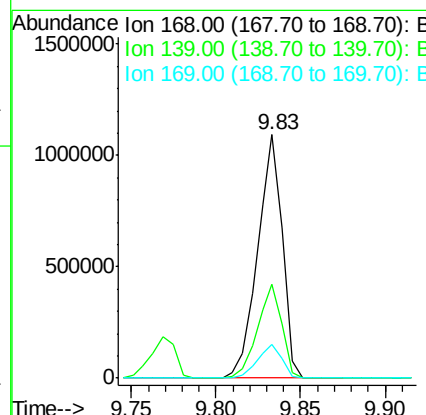
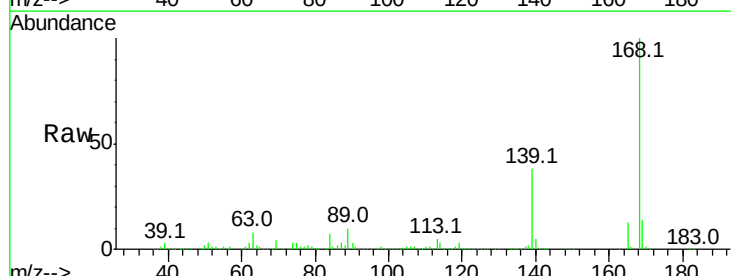
mohammad

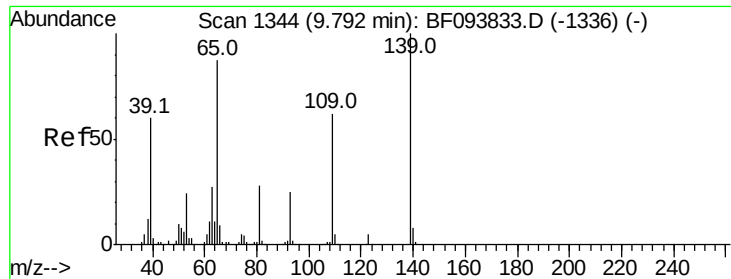
3/29/2017 1:56:46 PM



#54
 Dibenzofuran
 Concen: 37.90 ng
 RT: 9.83 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion:	168	Resp:	1111517
Ion Ratio	Lower	Upper	
168	100		
139	38.4	30.6	45.8
169	13.7	10.8	16.2





#55

4-Nitrophenol

Concen: 35.47 ng

RT: 9.77 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

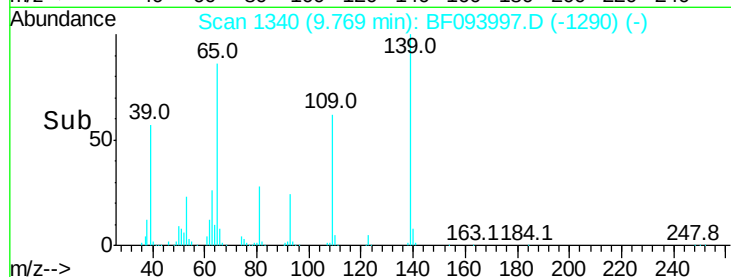
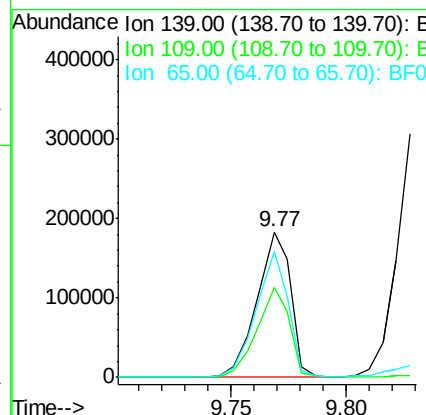
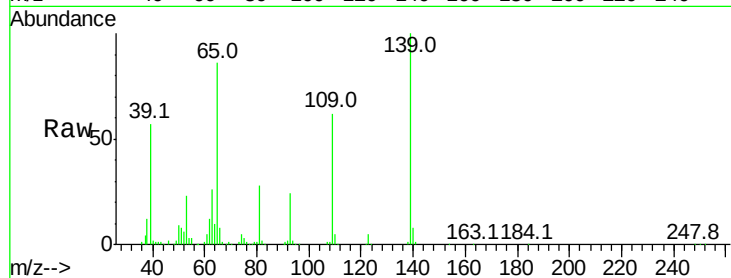
BNA_F

ClientSampleId :

SSTDCCC040EC

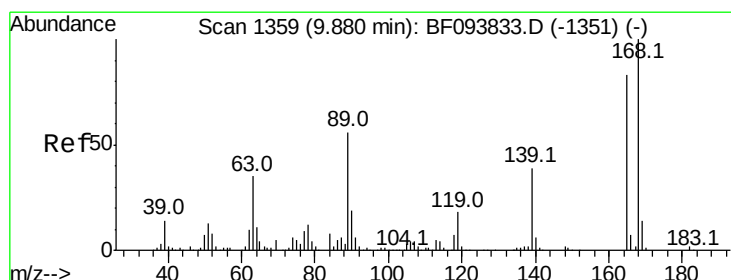
Tot Ion:	139	Resp:	187017
Ion Ratio	Lower	Upper	
139	100		
109	61.5	34.1	74.1
65	86.2	31.4	71.4#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 37.50 ng

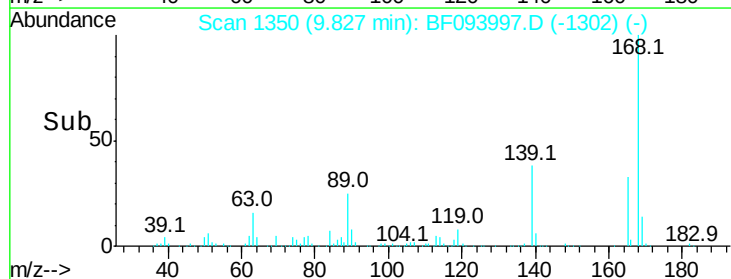
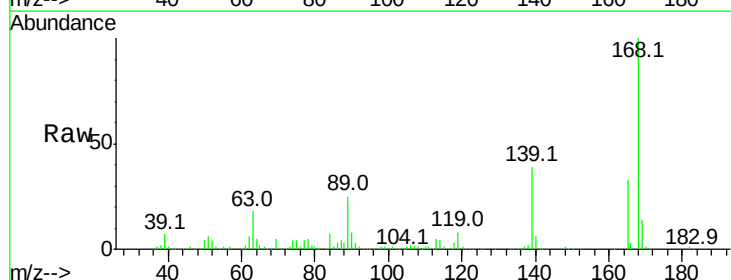
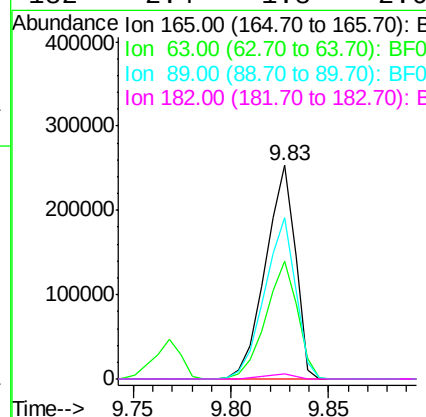
RT: 9.83 min Scan# 1350

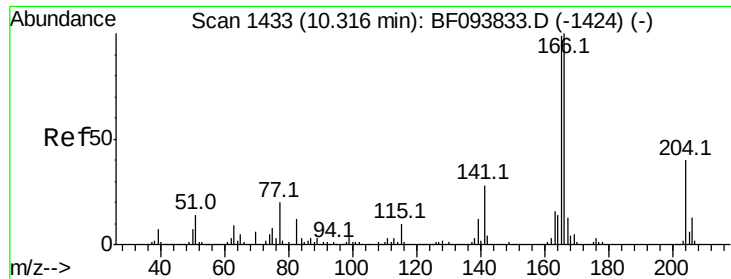
Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Tgt Ion:	165	Resp:	270060
Ion Ratio	Lower	Upper	
165	100		
63	55.4	25.4	38.0#
89	75.7	46.4	69.6#
182	2.4	1.8	2.6



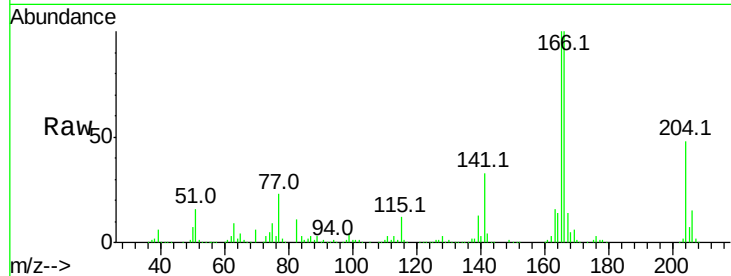


#57
Fluorene
 Concen: 36.56 ng
 RT: 10.26 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

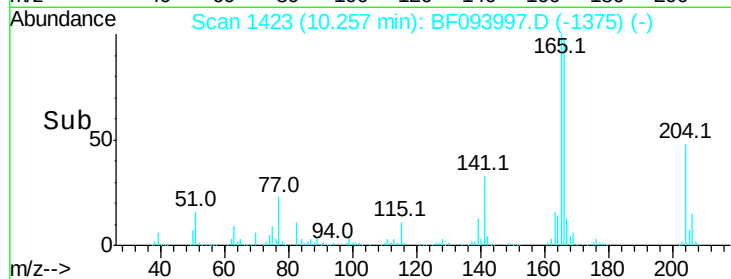
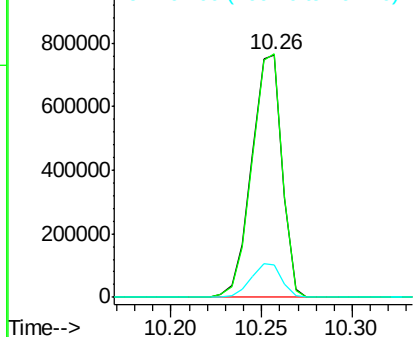
Instrument :
 BNA_F
 ClientSampleID :
 SSTCCCC040EC

Tot Ion:	166	Resp:	889271
Ion Ratio	Lower	Upper	
166	100		
165	100.3	78.8	118.2
167	13.6	10.6	16.0

Manual Integrations
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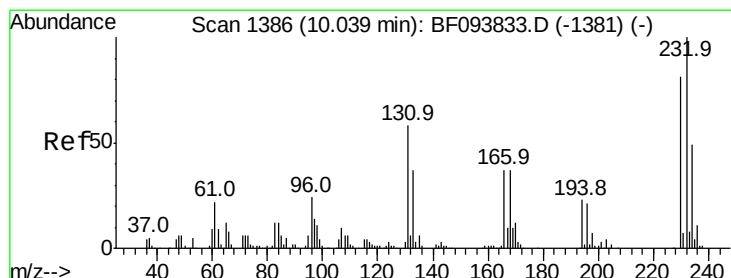


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E



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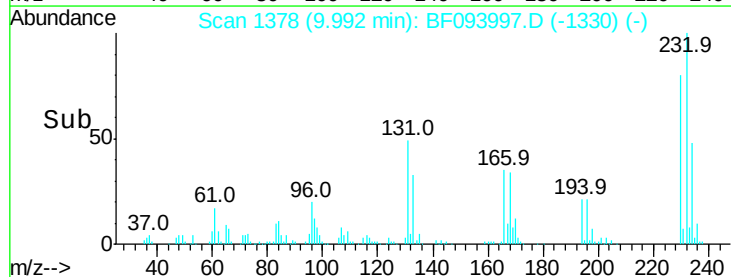
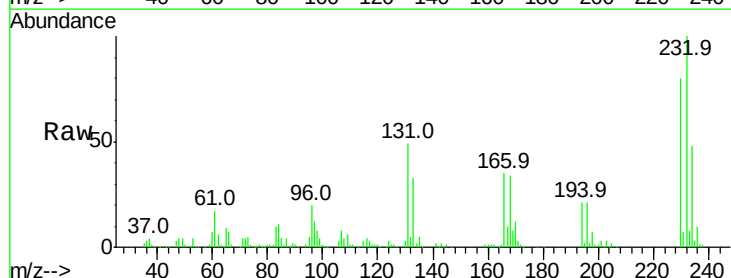
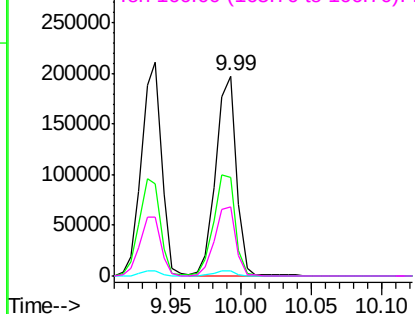
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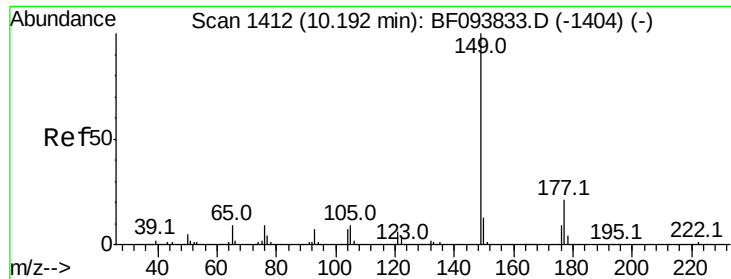


#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.91 ng
 RT: 9.99 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion:	232	Resp:	201773
Ion Ratio	Lower	Upper	
232	100		
131	53.0	44.8	67.2
130	2.6	2.3	3.5
166	35.7	29.0	43.4

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



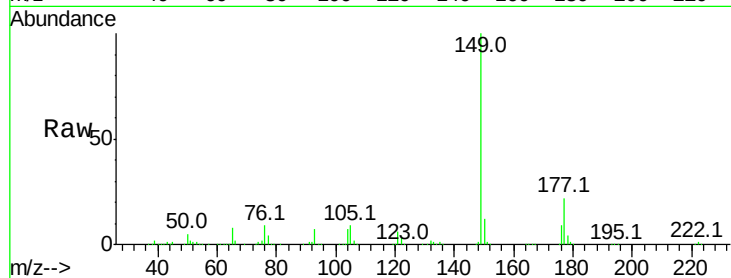


#59
Diethylphthalate
Concen: 39.56 ng
RT: 10.14 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

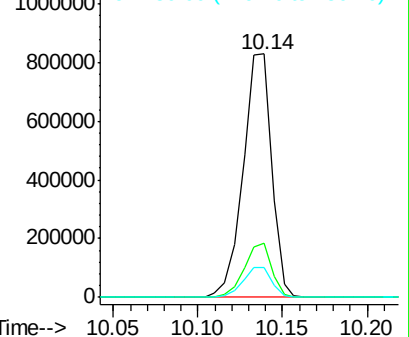
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.7	25.1
150	12.3	10.2	15.2

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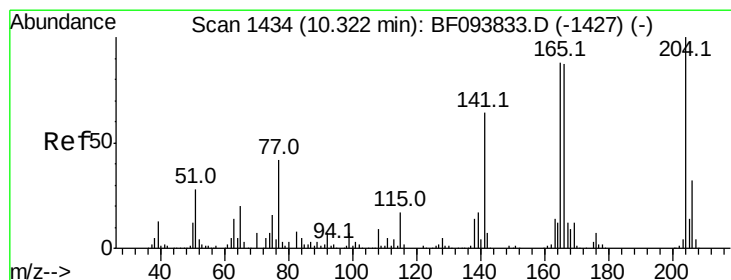
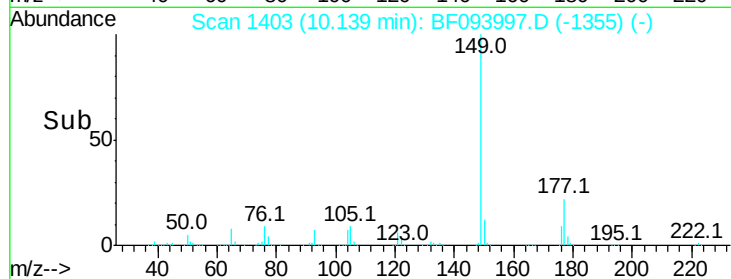


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



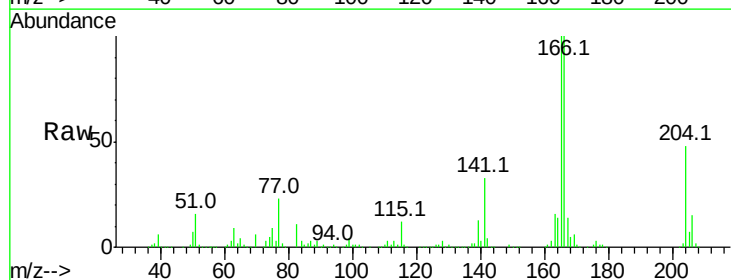
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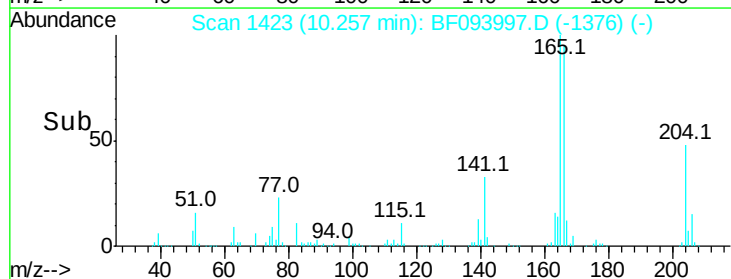
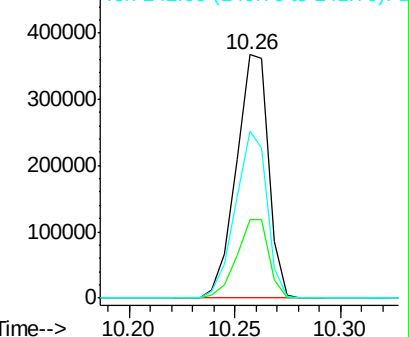


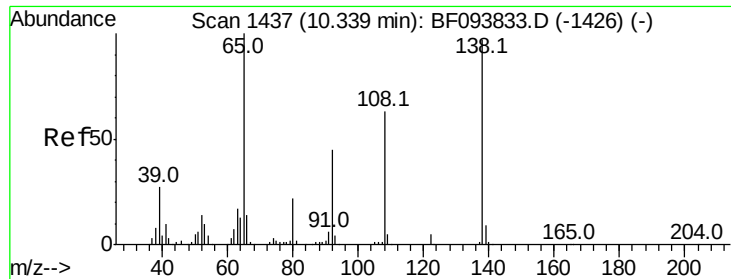
#60
4-Chlorophenyl-phenylether
Concen: 37.66 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.2	39.2
141	68.6	60.8	91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



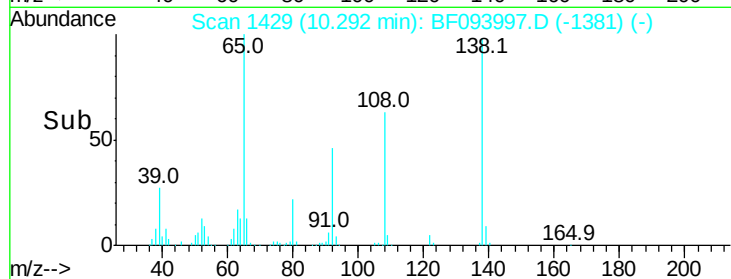
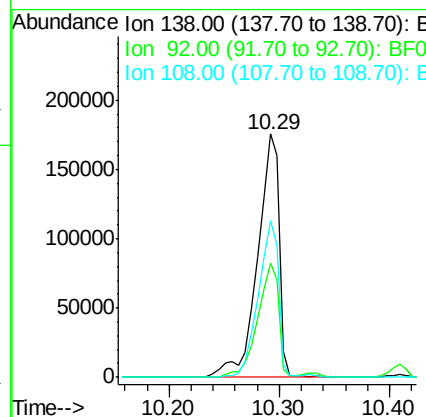
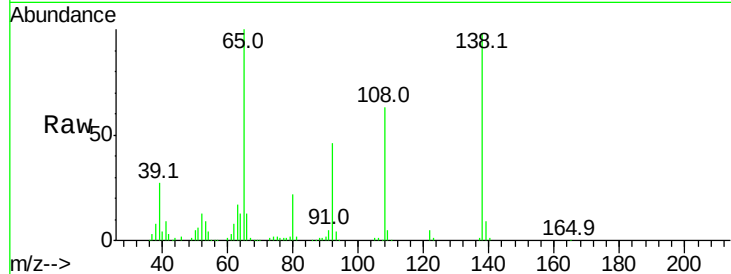


#61
4-Nitroaniline
Concen: 37.39 ng
RT: 10.29 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

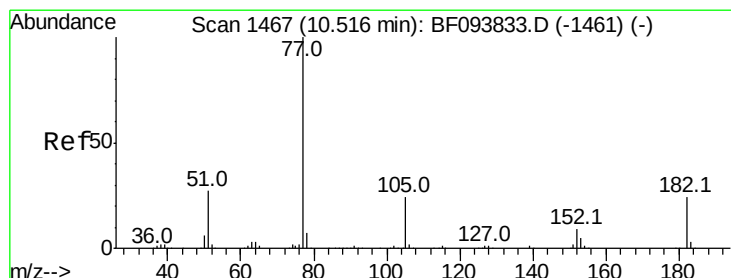
Tot Ion	Ratio	Lower	Upper
138	100		
92	47.1	21.8	61.8
108	64.1	42.3	82.3

Manual Integrations
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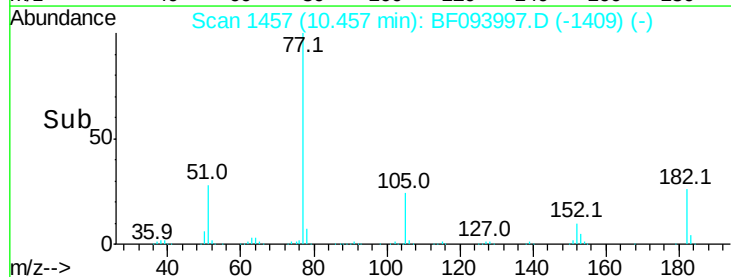
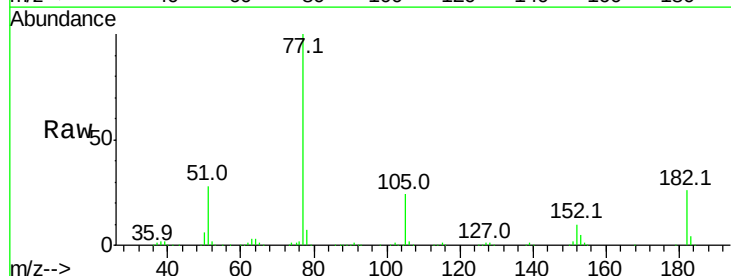
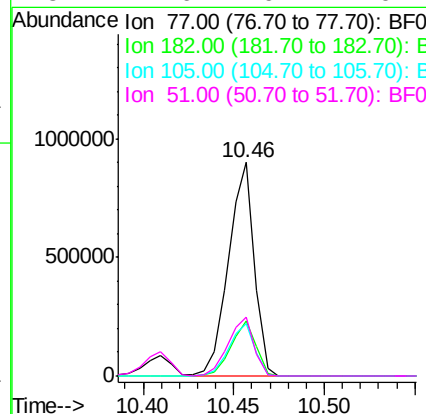
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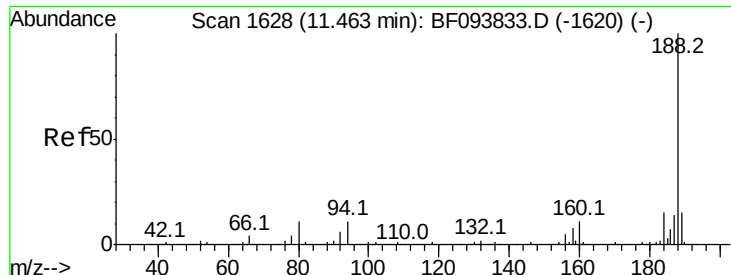
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#62
Azobenzene
Concen: 37.87 ng
RT: 10.46 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.9	0.1	40.1
105	24.3	3.6	43.6
51	27.6	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1617

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

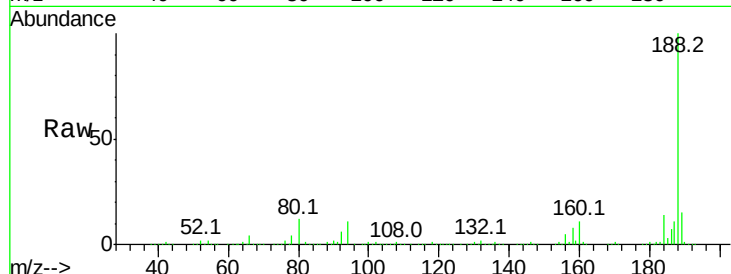
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:	188	Resp:	580937
Ion Ratio	Lower	Upper	
188	100		
94	11.2	9.4	14.2
80	12.1	10.2	15.2

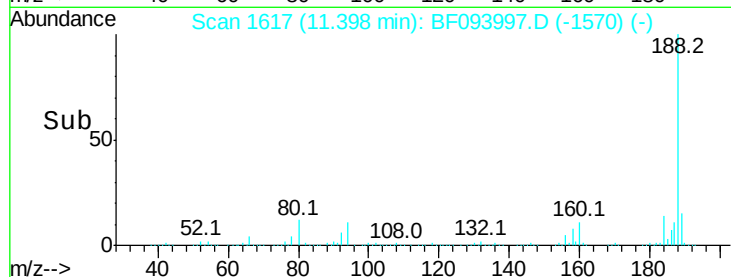
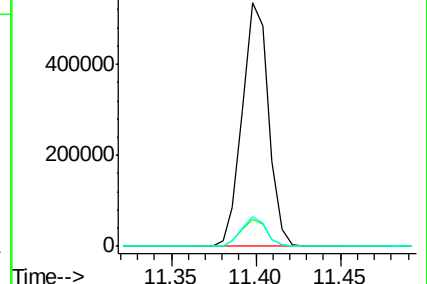
Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E

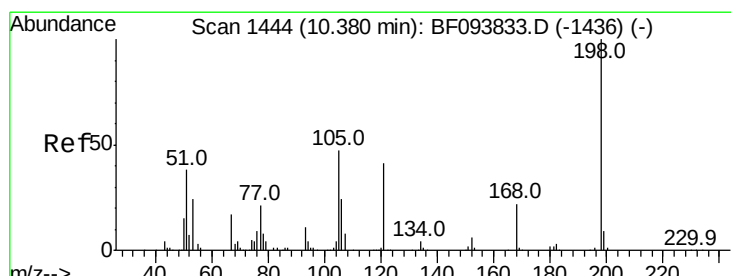
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



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#64

4,6-Dinitro-2-methylphenol

Concen: 41.13 ng

RT: 10.33 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF093997.D

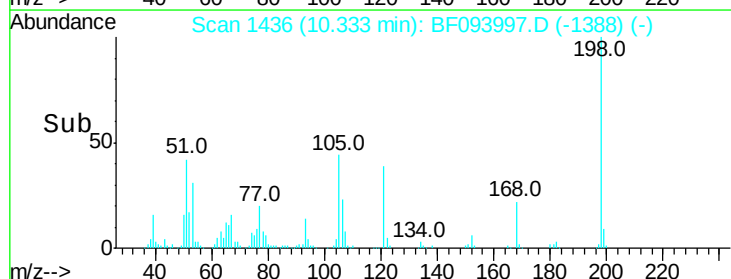
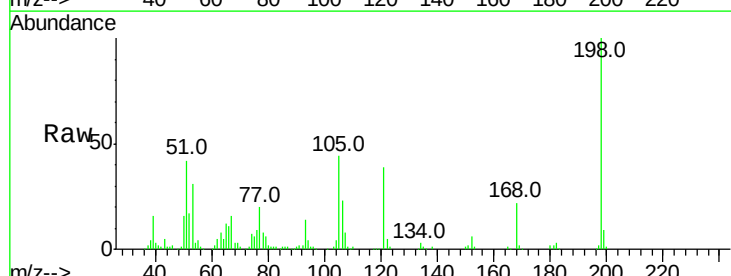
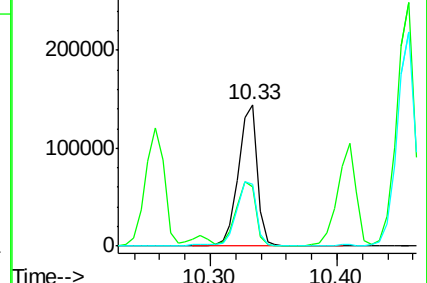
Acq: 28 Mar 2017 17:22

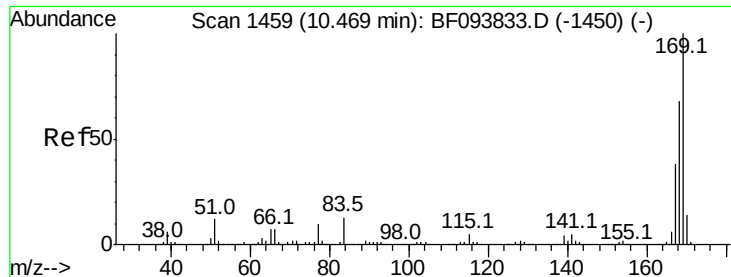
Tgt Ion:	198	Resp:	146320
Ion Ratio	Lower	Upper	
198	100		
51	41.8	53.2	93.2#
105	43.8	45.8	85.8#

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



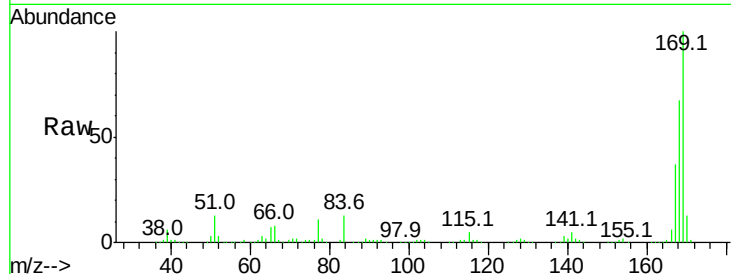


#65
 n-Nitrosodiphenylamine
 Concen: 40.63 ng
 RT: 10.41 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

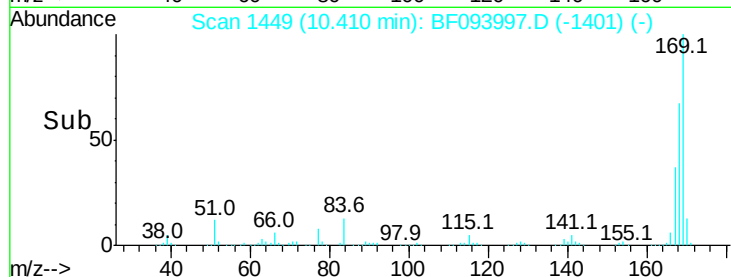
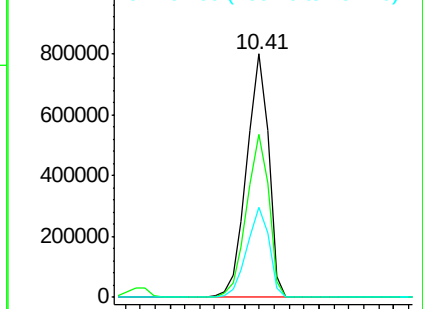
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.2	79.8
167	36.8	29.5	44.3

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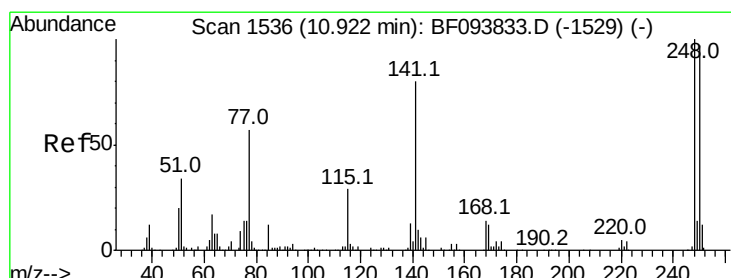


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



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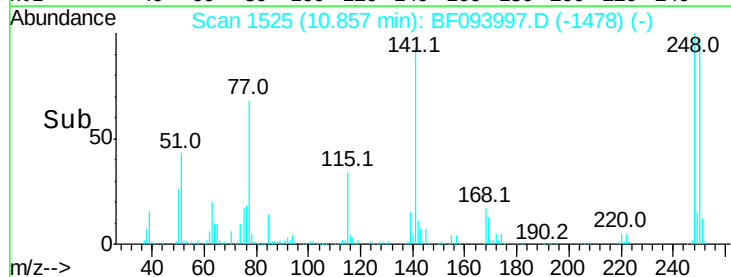
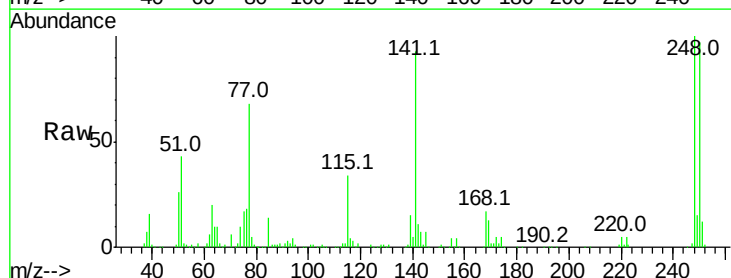
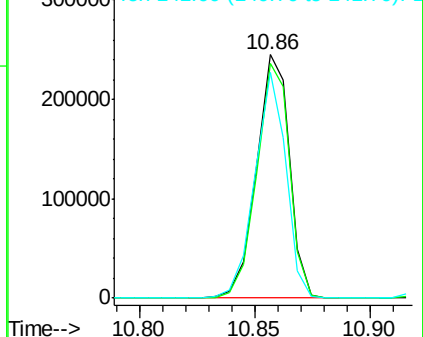
3/29/2017 1:56:46 PM

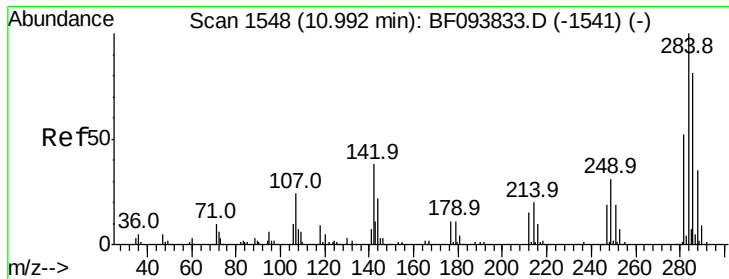


#66
 4-Bromophenyl-phenylether
 Concen: 42.60 ng
 RT: 10.86 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.8	115.2
141	92.8	68.6	103.0

Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.72 ng

RT: 10.93 min Scan# 1538

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

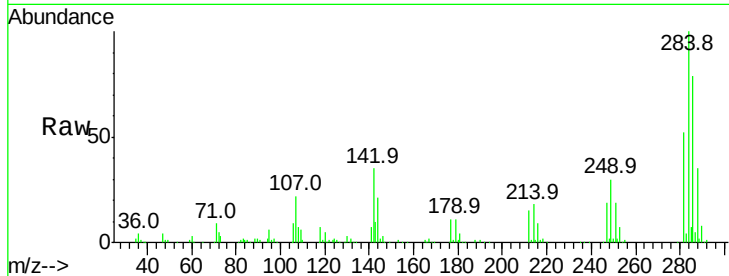
Tot Ion:284 Resp: 247105
Ion Ratio Lower Upper

284 100

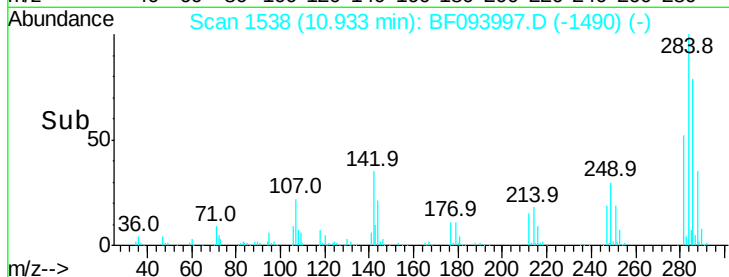
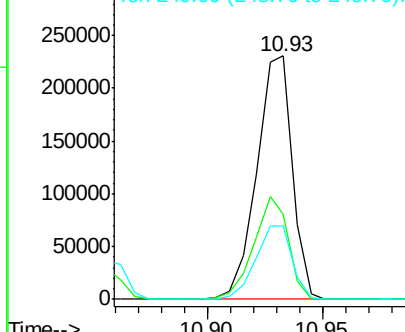
142 34.7 22.8 34.2#

249 30.4 24.0 36.0

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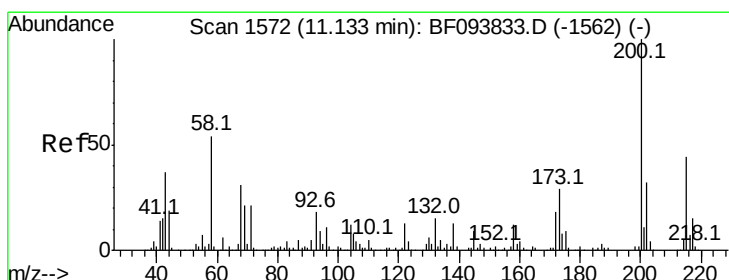


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



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#68

Atrazine

Concen: 38.84 ng

RT: 11.08 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF093997.D

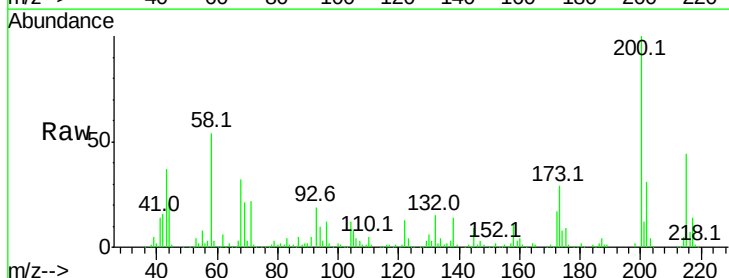
Acq: 28 Mar 2017 17:22

Tgt Ion:200 Resp: 233687
Ion Ratio Lower Upper

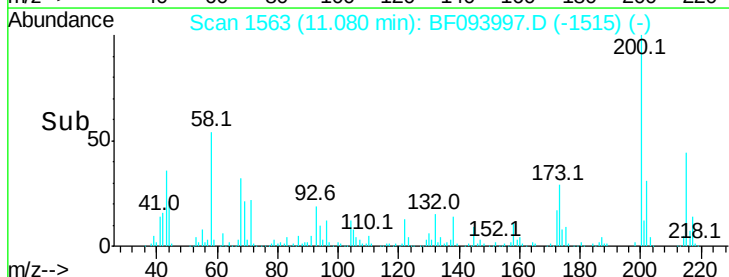
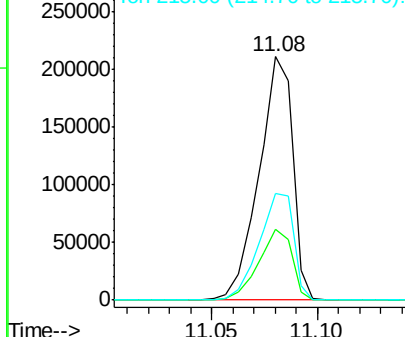
200 100

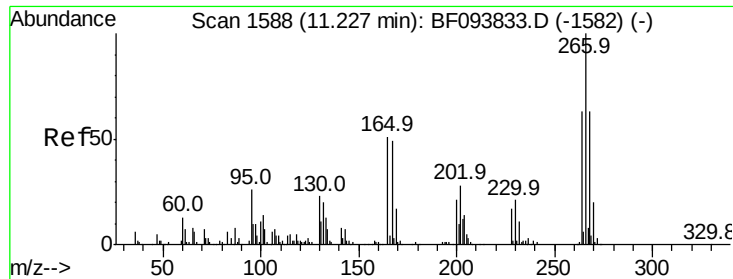
173 29.2 6.3 46.3

215 43.9 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



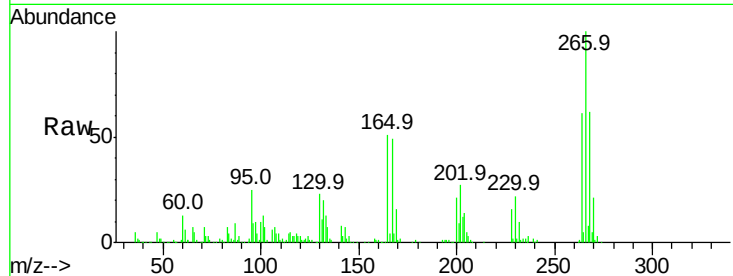


#69
 Pentachlorophenol
 Concen: 37.65 ng
 RT: 11.17 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

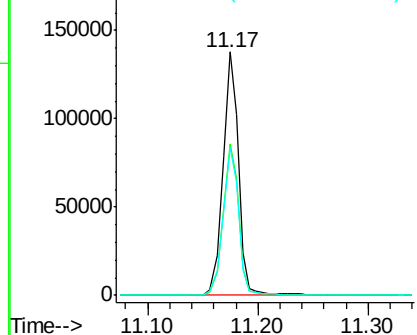
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	135523		
268	62.0		51.1	76.7
264	60.7		51.7	77.5

Manual Integrations
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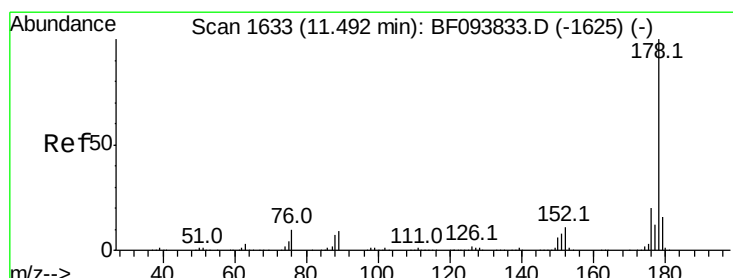
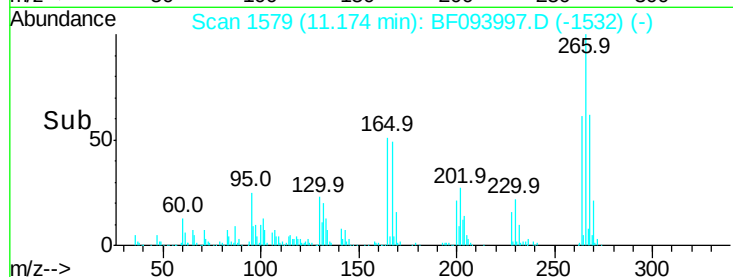


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E



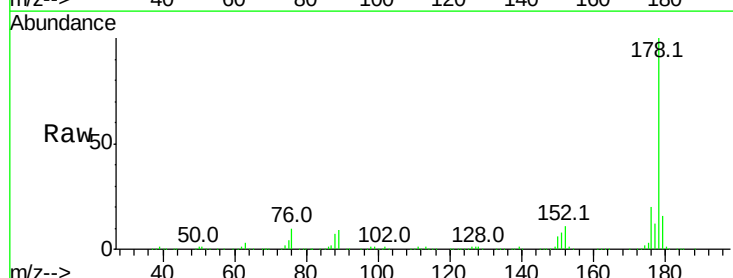
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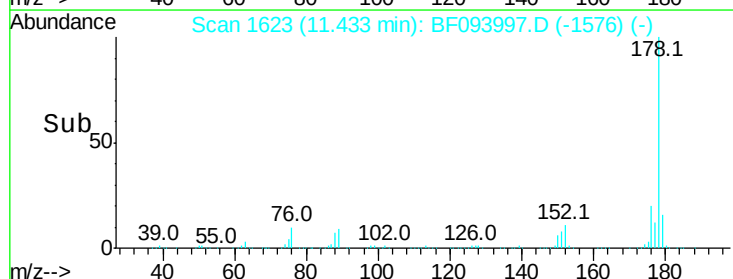
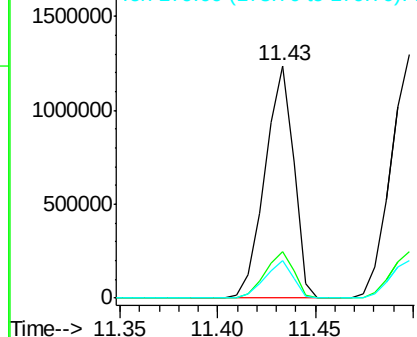


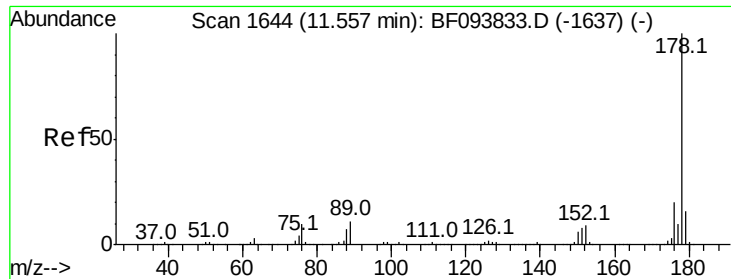
#70
 Phenanthrene
 Concen: 39.11 ng
 RT: 11.43 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1263751		
176	19.9		16.2	24.4
179	15.9		12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





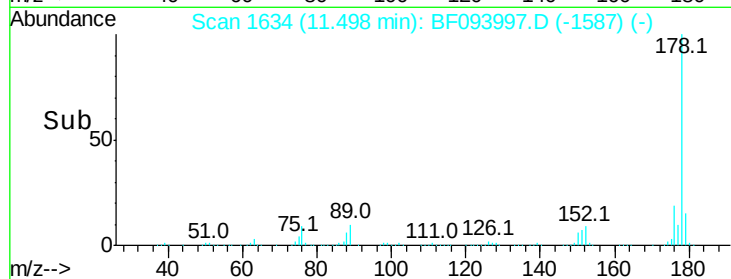
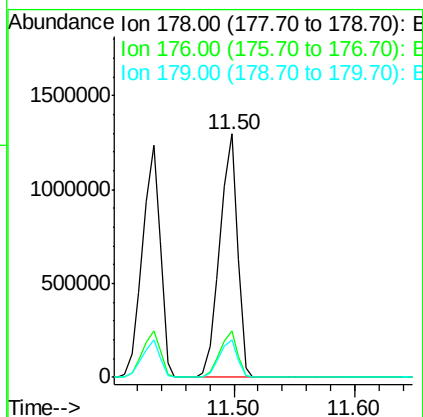
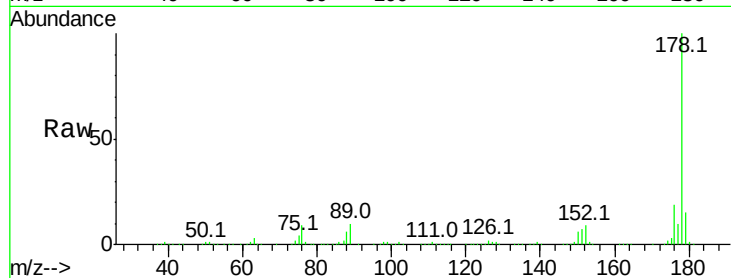
#71
 Anthracene
 Concen: 39.42 ng
 RT: 11.50 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1311777

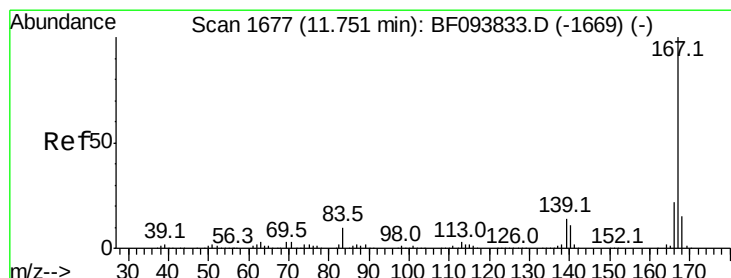
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.4	12.7	19.1

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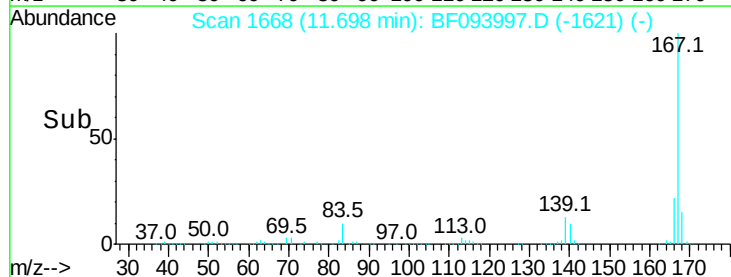
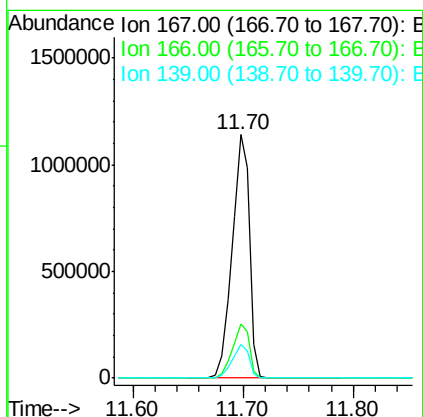
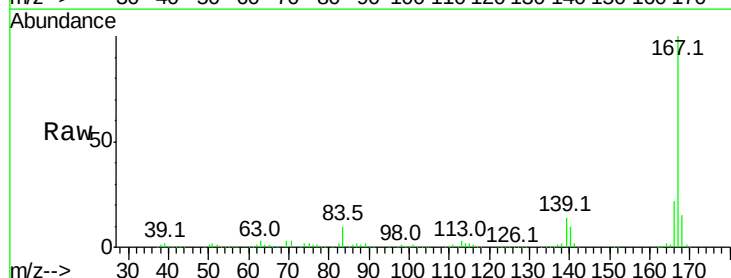
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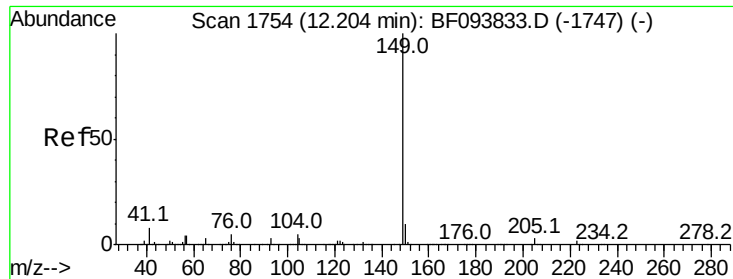


#72
 Carbazole
 Concen: 36.82 ng
 RT: 11.70 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion:167 Resp: 1256271

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.8	11.7	17.5





#73

Di-n-butylphthalate

Concen: 41.70 ng

RT: 12.14 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

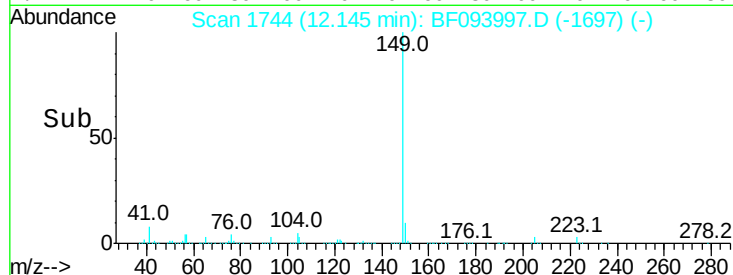
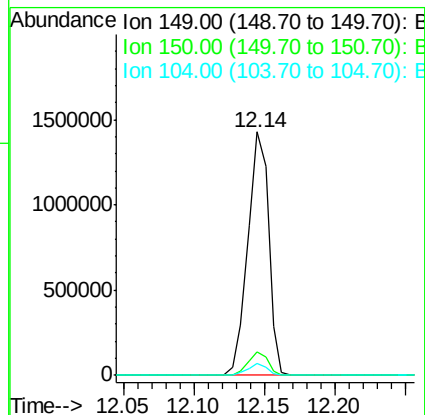
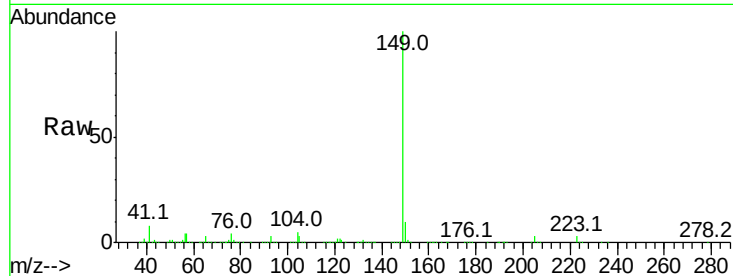
BNA_F

ClientSampleId :

SSTDCCC040EC

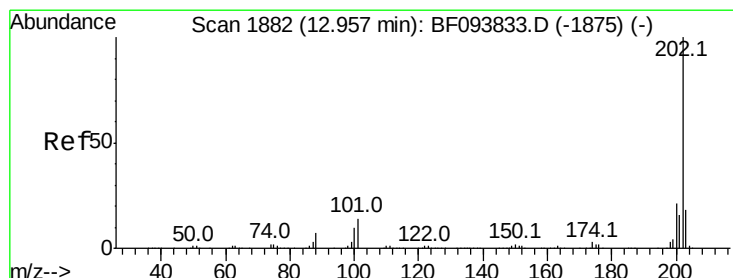
Tot Ion:	149	Resp:	1479527
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	4.8	4.0	6.0

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#74

Fluoranthene

Concen: 37.04 ng

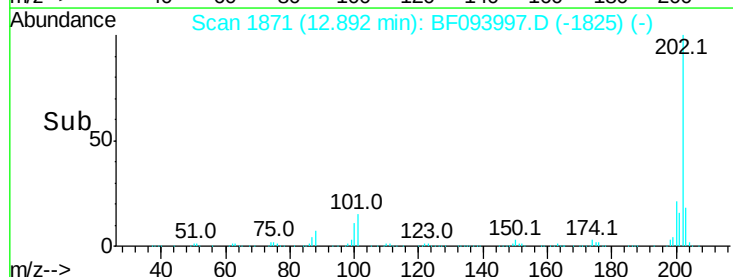
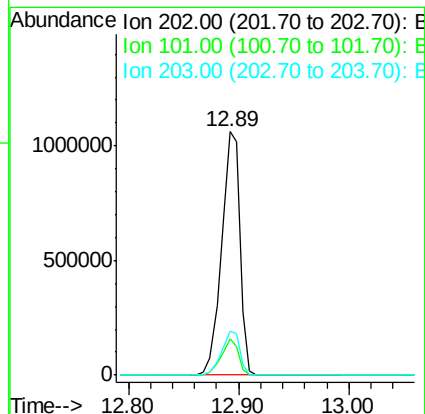
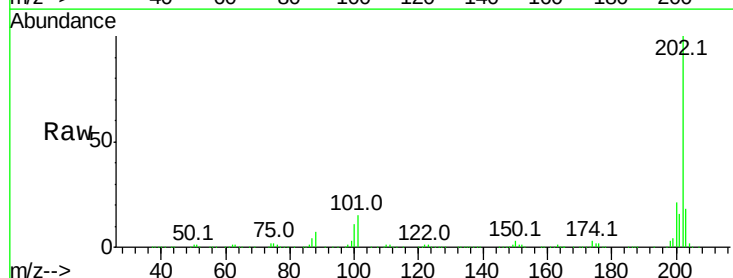
RT: 12.89 min Scan# 1871

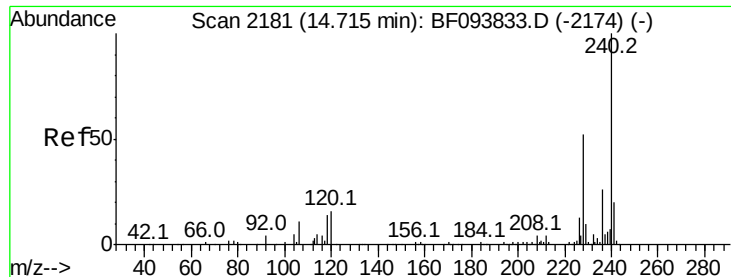
Delta R.T. -0.03 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Tgt Ion:	202	Resp:	1225635
Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	33.2
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.65 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:240 Resp: 369083

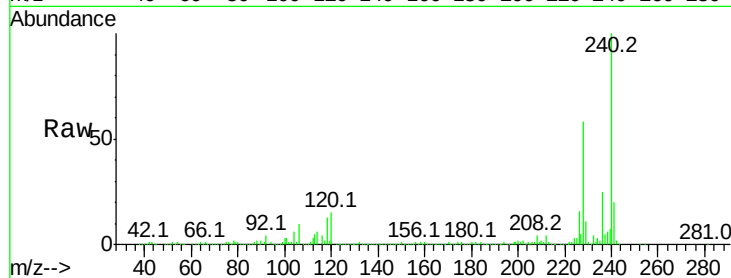
Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

236 24.6 20.5 30.7

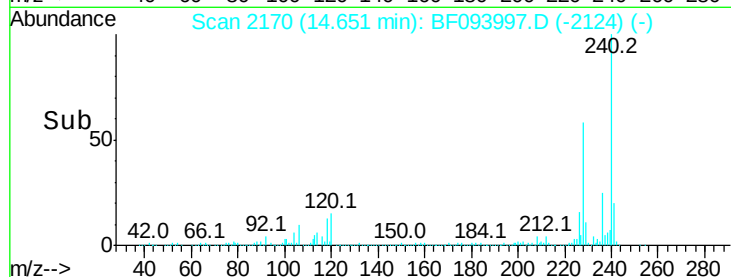
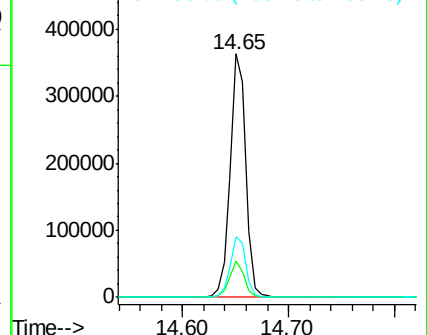
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Abundance Ion 240.00 (239.70 to 240.70): E

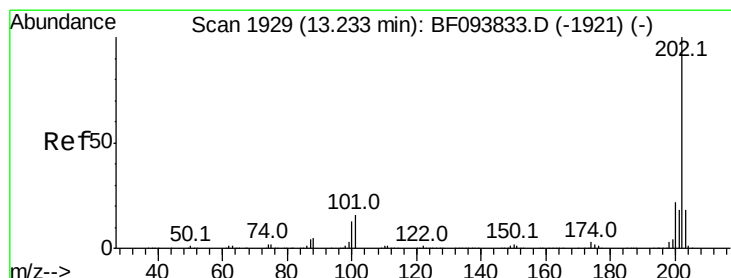
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



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#77

Pyrene

Concen: 45.64 ng

RT: 13.17 min Scan# 1918

Delta R.T. -0.03 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

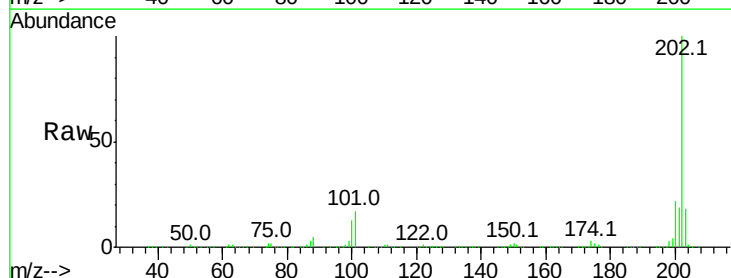
Tgt Ion:202 Resp: 1222414

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

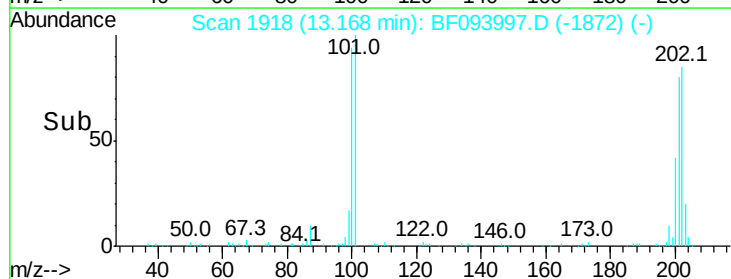
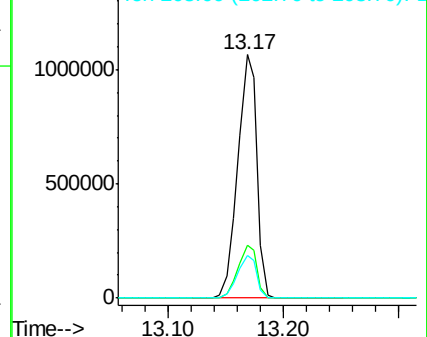
203 17.8 14.4 21.6

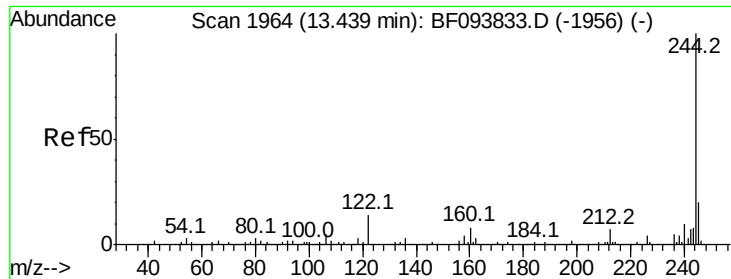


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



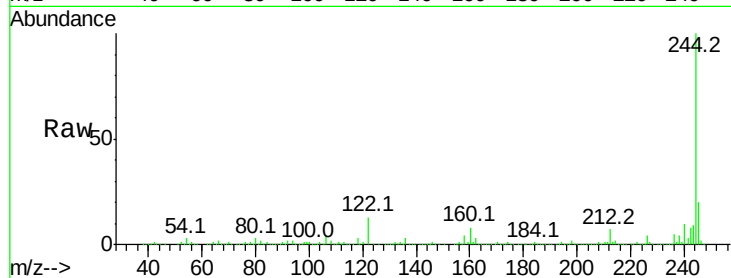


#78
 Terphenyl-d14
 Concen: 94.56 ng
 RT: 13.38 min Scan# 1954
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

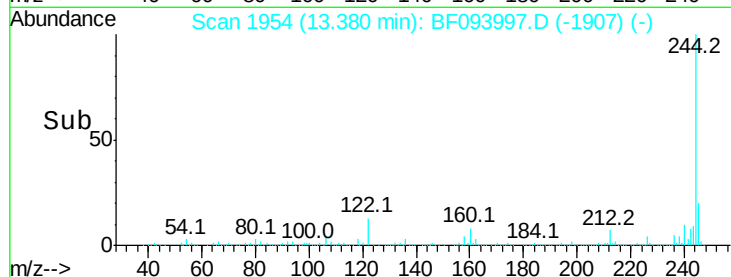
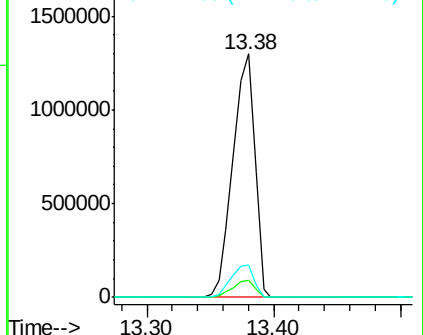
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:244 Resp: 1556963
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.3 10.3 15.5

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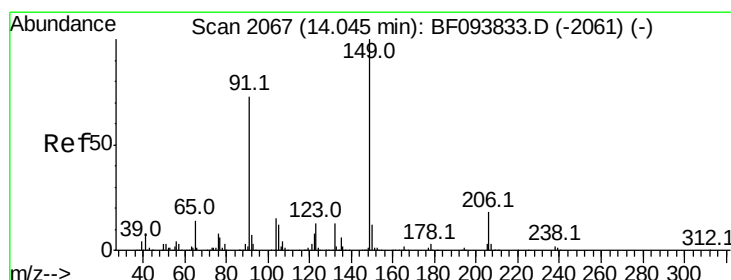


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



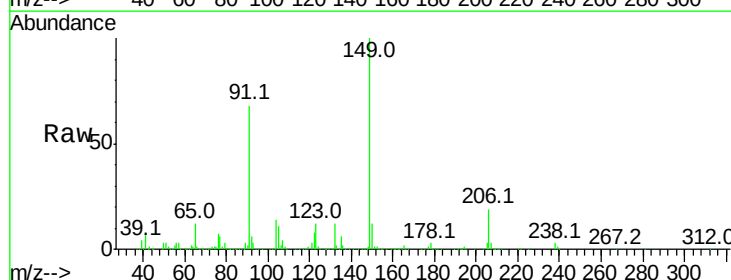
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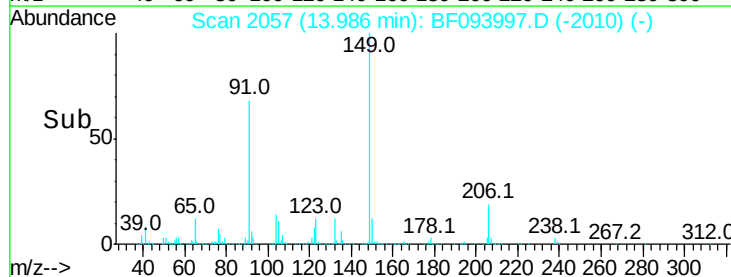
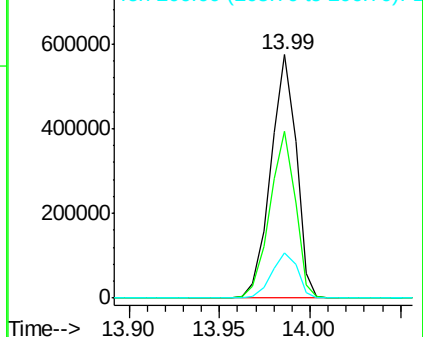


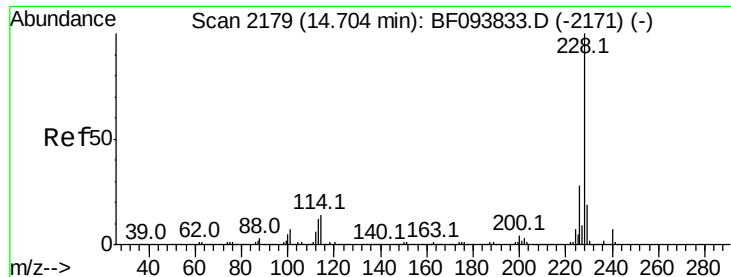
#79
 Butylbenzylphthalate
 Concen: 49.28 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. -0.02 min
 Lab File: BF093997.D
 Acq: 28 Mar 2017 17:22

Tgt Ion:149 Resp: 562449
 Ion Ratio Lower Upper
 149 100
 91 68.4 45.0 67.4#
 206 18.5 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E



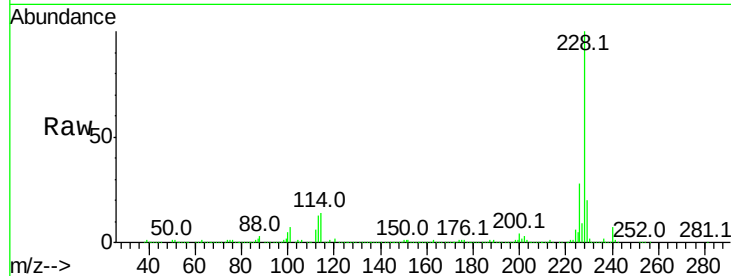


#80
Benzo(a)anthracene
Concen: 40.51 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

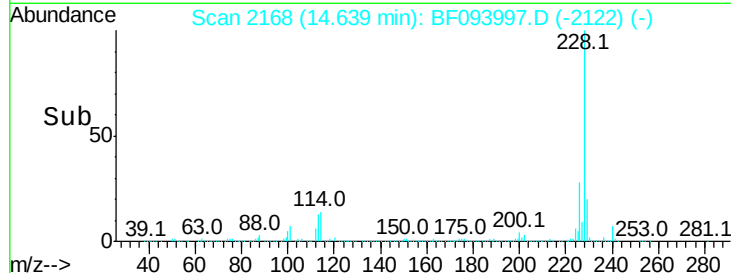
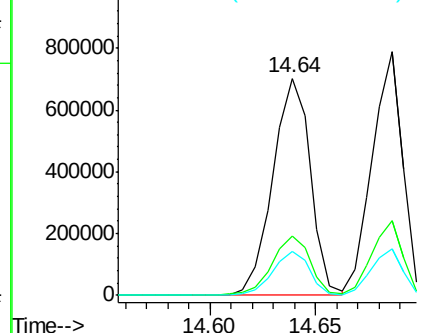
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.0	16.3	24.5

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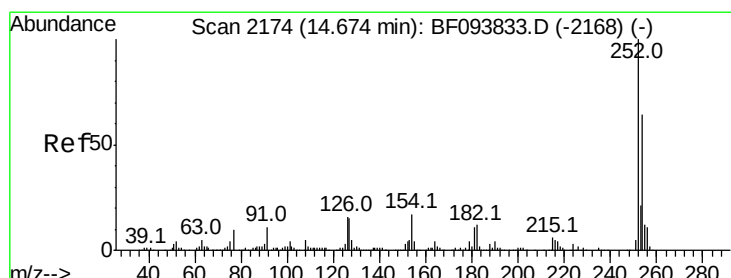


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



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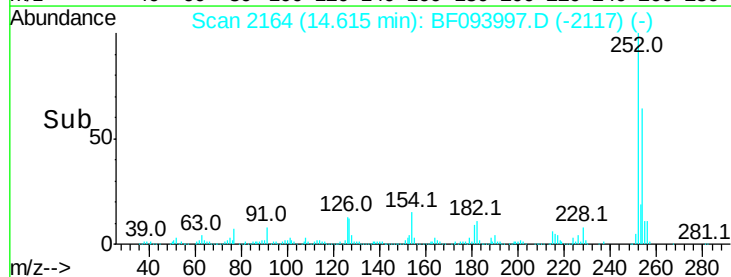
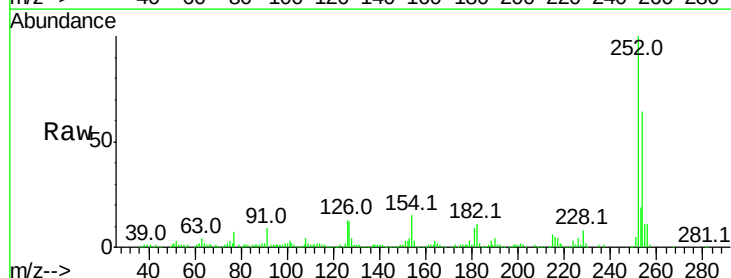
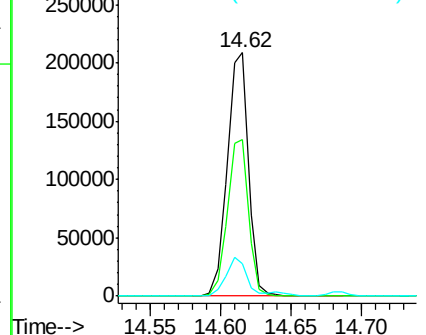
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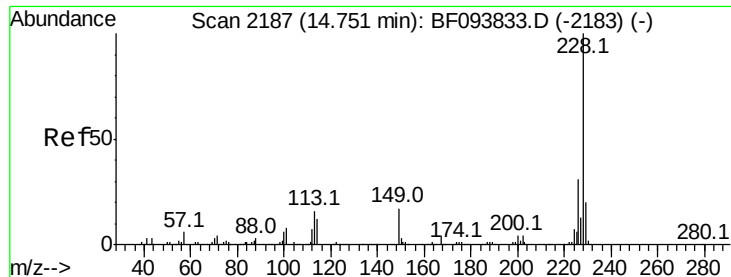


#81
3,3'-Dichlorobenzidine
Concen: 28.24 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.5	77.3
126	13.1	15.8	23.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 40.11 ng

RT: 14.69 min Scan# 2176

Delta R.T. -0.03 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

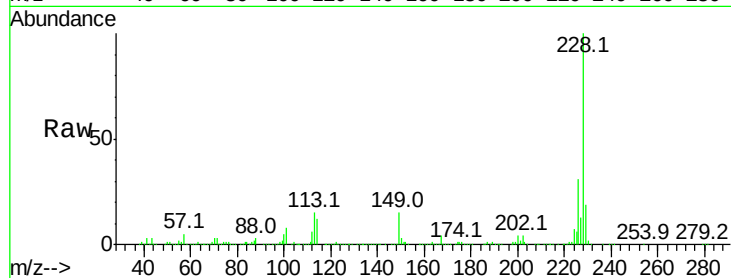
BNA_F

ClientSampleId :

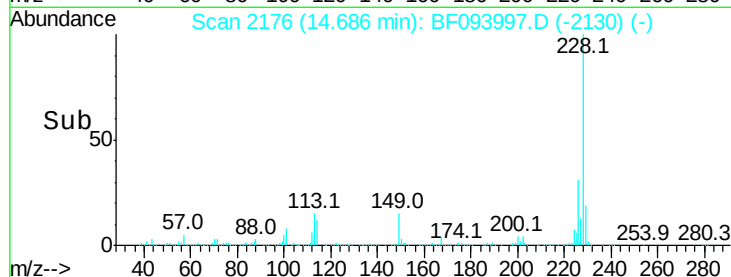
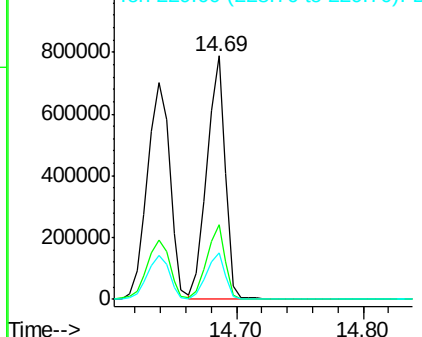
SSTDCCC040EC

Tot Ion:	228	Resp:	801154
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.9	37.3
229	19.0	15.8	23.6

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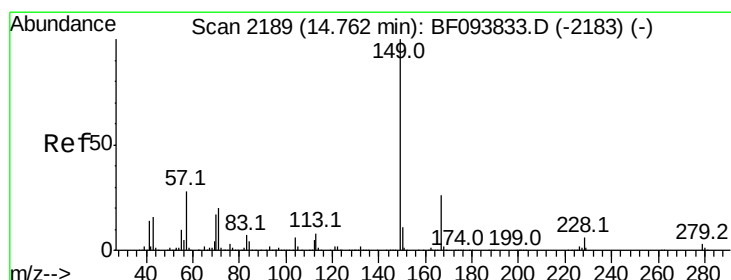


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



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#83

Bis(2-ethylhexyl)phthalate

Concen: 51.17 ng

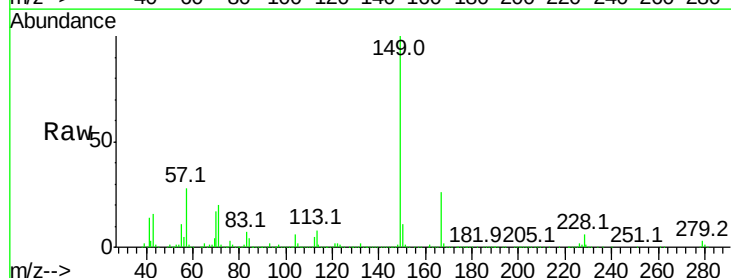
RT: 14.70 min Scan# 2178

Delta R.T. -0.02 min

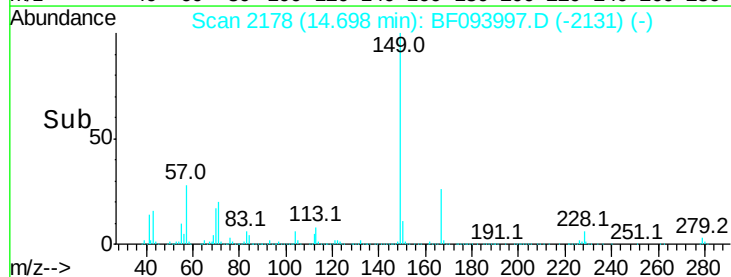
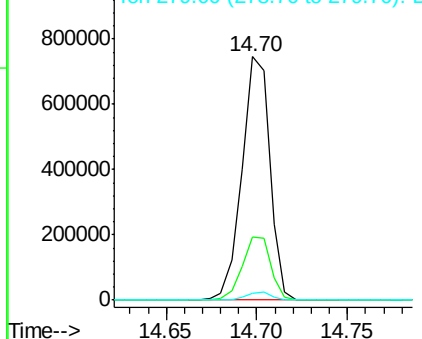
Lab File: BF093997.D

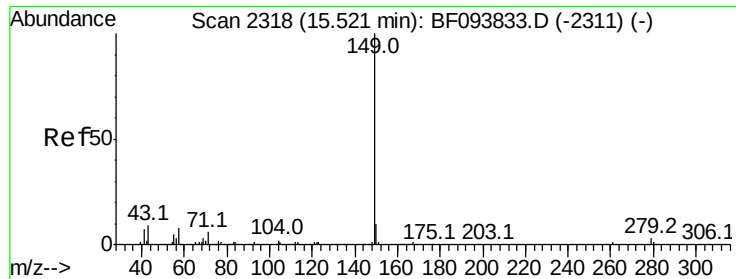
Acq: 28 Mar 2017 17:22

Tgt Ion:	149	Resp:	796820
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.0	31.4
279	2.7	1.9	2.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 47.00 ng

RT: 15.46 min Scan# 2307

Delta R.T. -0.02 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :

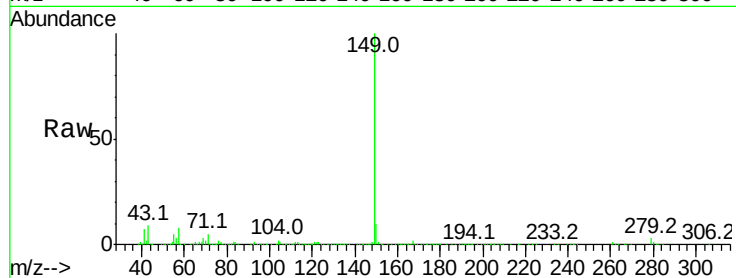
BNA_F

ClientSampleId :

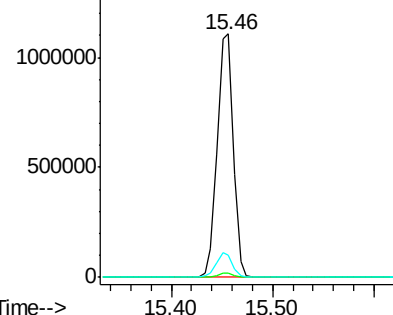
SSTDCCC040EC

Tot Ion:	149	Resp:	1222523
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.7	8.5	12.7

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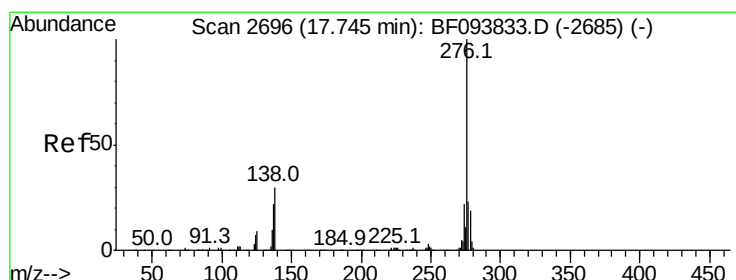
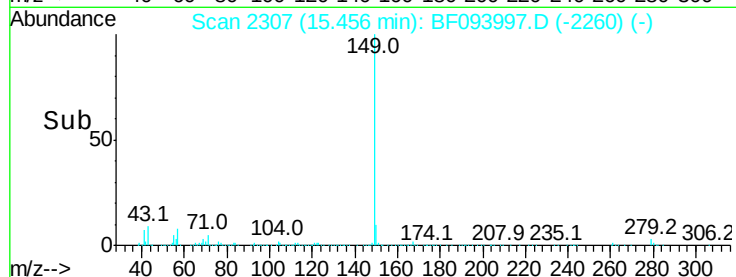


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



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#85

Indeno(1,2,3-cd)pyrene

Concen: 45.64 ng

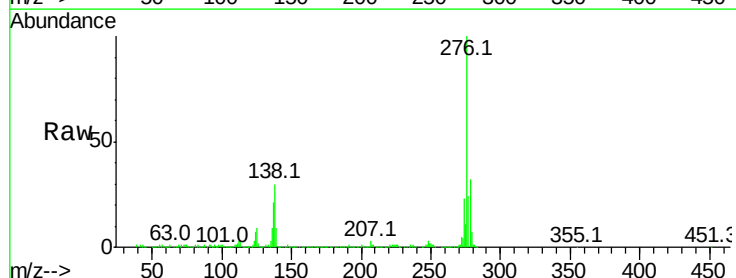
RT: 17.65 min Scan# 2680

Delta R.T. -0.04 min

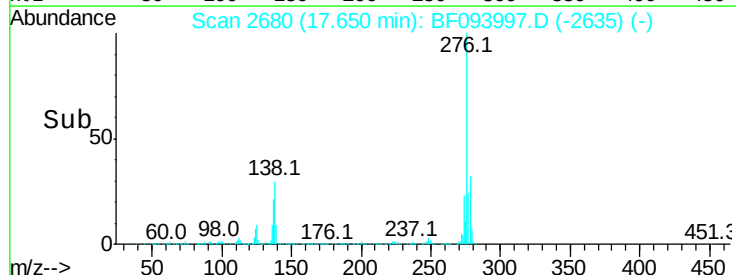
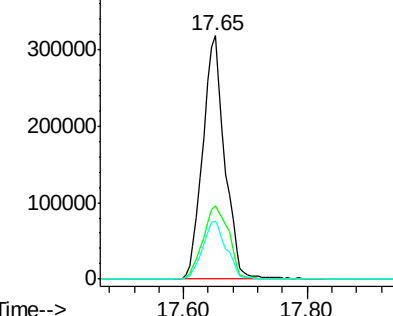
Lab File: BF093997.D

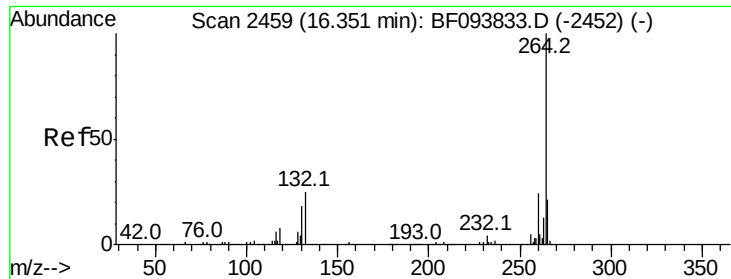
Acq: 28 Mar 2017 17:22

Tgt Ion:	276	Resp:	789405
Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.8	41.6
277	25.6	20.2	30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



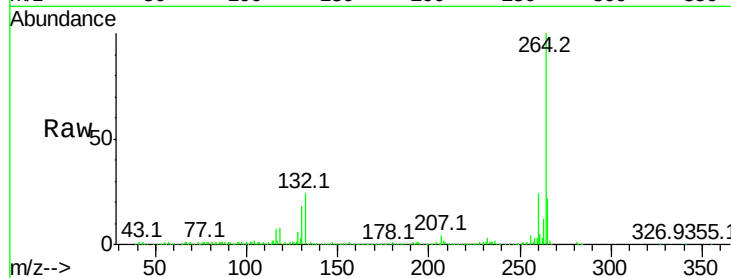


#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.28 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

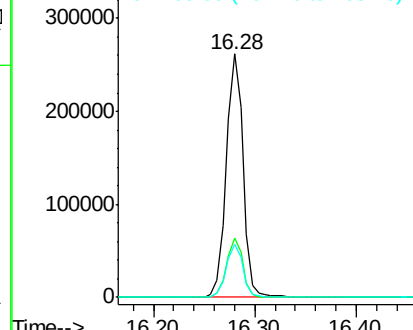
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.5	17.2	25.8

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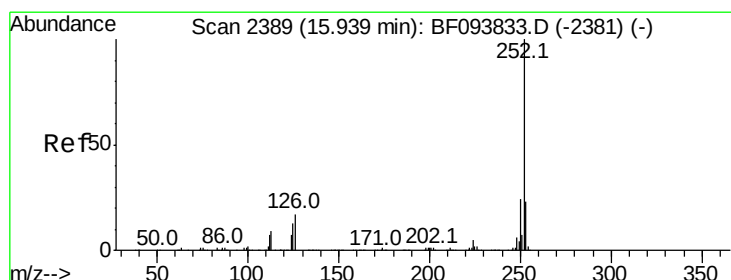
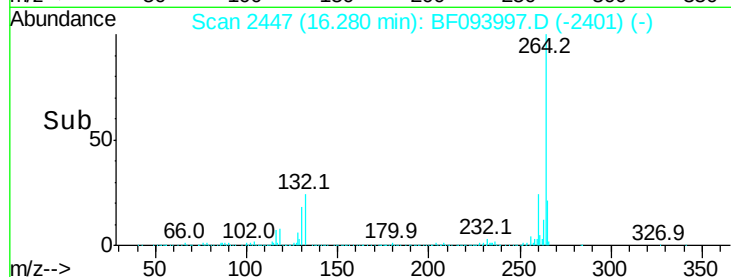


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



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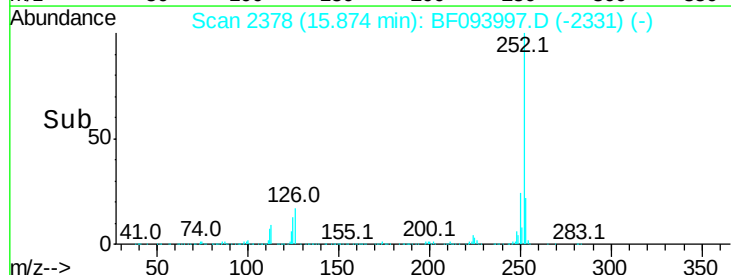
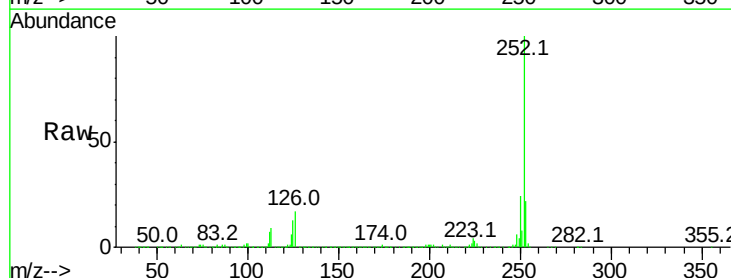
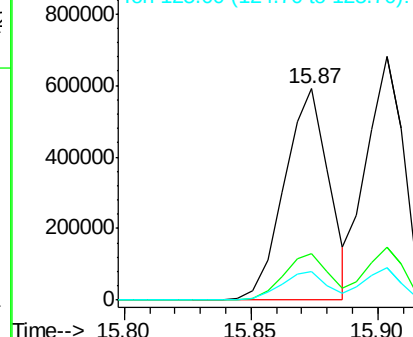
3/29/2017 1:56:46 PM

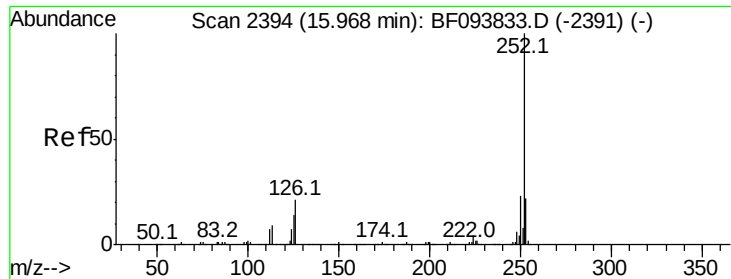


#87
Benzo(b)fluoranthene
Concen: 39.08 ng
RT: 15.87 min Scan# 2378
Delta R.T. -0.02 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	13.2	9.8	14.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 39.36 ng m

RT: 15.90 min Scan# 2383

Delta R.T. -0.03 min

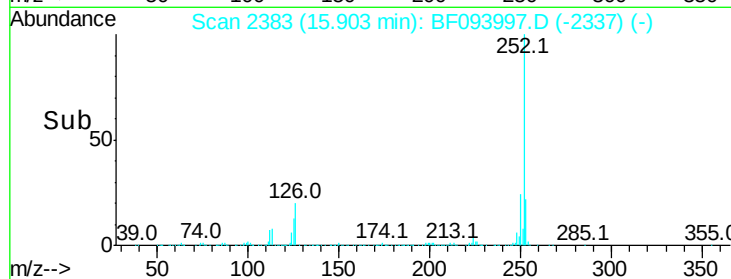
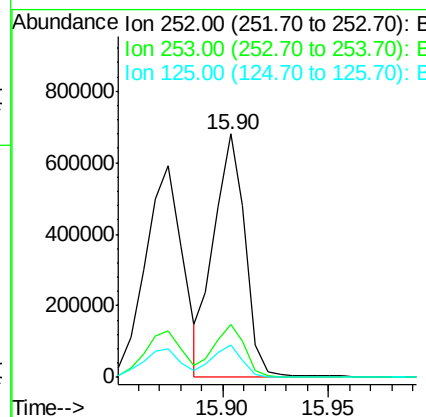
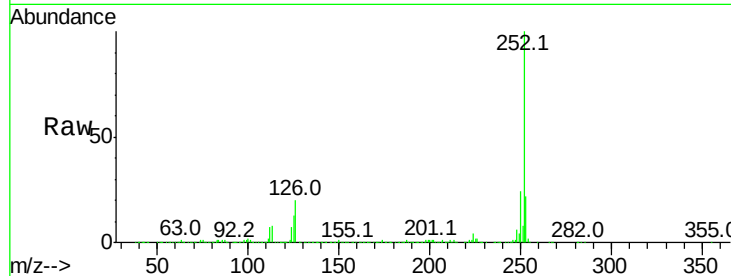
Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

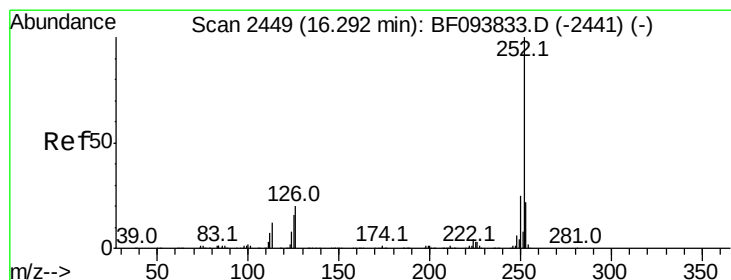
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	13.1	13.1	19.7

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#89

Benzo(a)pyrene

Concen: 40.32 ng

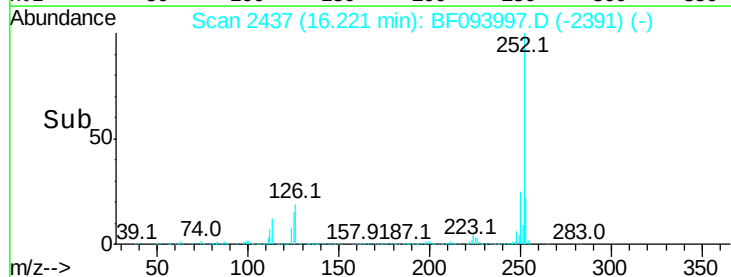
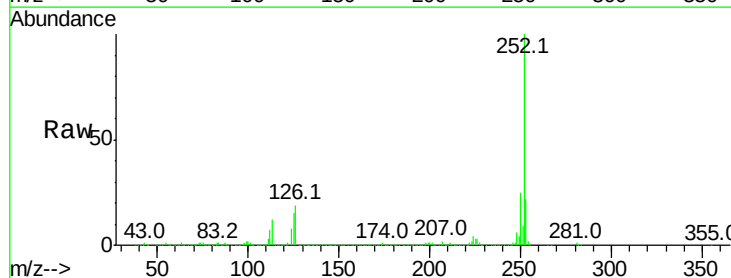
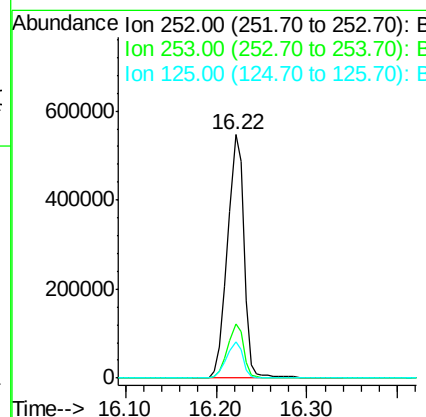
RT: 16.22 min Scan# 2437

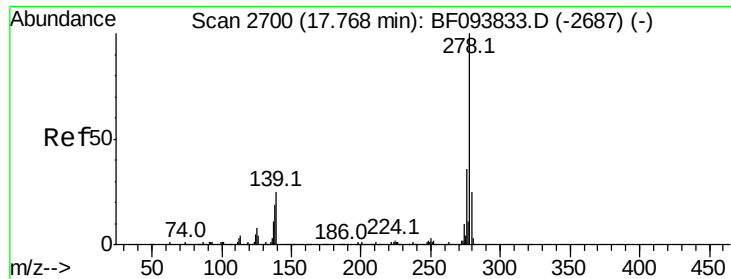
Delta R.T. -0.03 min

Lab File: BF093997.D

Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.7	11.0	16.4



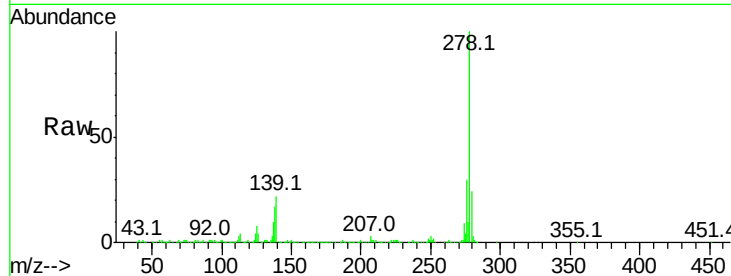


#90
Dibenzo(a,h)anthracene
Concen: 45.75 ng
RT: 17.67 min Scan# 2684
Delta R.T. -0.04 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

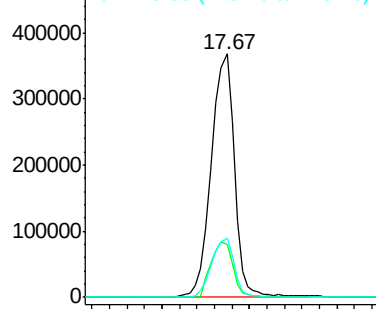
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.0	16.6	24.8
279	24.2	19.3	28.9

Manual Integrations
APPROVED

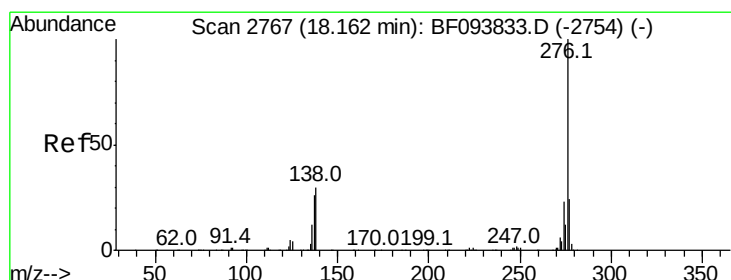
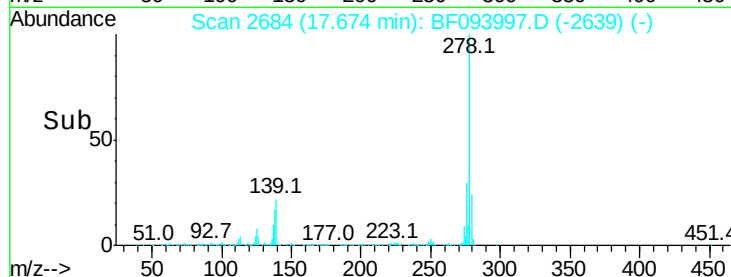


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



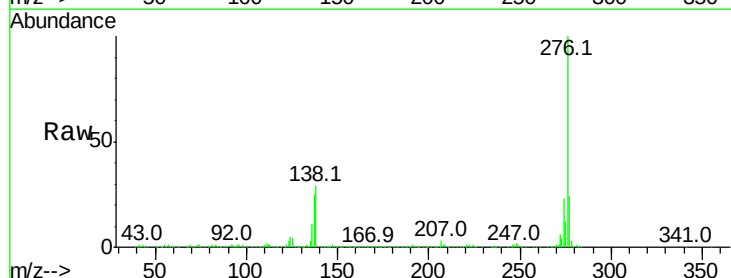
mohammad

3/29/2017 1:56:46 PM



#91
Benzo(g,h,i)perylene
Concen: 46.15 ng
RT: 18.06 min Scan# 2749
Delta R.T. -0.04 min
Lab File: BF093997.D
Acq: 28 Mar 2017 17:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	28.8	25.4	38.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

