

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093551.D
 Acq On : 11 Mar 2017 4:55
 Operator : SJ/MA
 Sample : PB97501BSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97501BSD

Manual Integrations
 APPROVED

Quant Time: Mar 13 13:50:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	175895m	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	696978	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	333730	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	599296	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	473551	20.00	ng	-0.02
86) Perylene-d12	15.31	264	375838	20.00	ng	-0.02

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System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	973329	92.10	ng	0.00
7) Phenol-d6	6.40	99	1186097	89.00	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1039626	82.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	209760	96.47	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1570576	87.54	ng	-0.03
78) Terphenyl-d14	12.85	244	1547309	84.95	ng	-0.02

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	185752	31.91	ng	# 83
3) Pyridine	2.97	79	616148	41.52	ng	88
4) n-Nitrosodimethylamine	2.95	42	286580	40.43	ng	80
6) Aniline	6.41	93	198965m	10.88	ng	
8) 2-Chlorophenol	6.54	128	489309	41.32	ng	96
9) Benzaldehyde	6.31	77	57599	4.86	ng	93
10) Phenol	6.42	94	669113	40.97	ng	# 74
11) bis(2-Chloroethyl)ether	6.48	93	502663	38.08	ng	96
12) 1,3-Dichlorobenzene	6.68	146	508321m	37.50	ng	
13) 1,4-Dichlorobenzene	6.76	146	542157m	39.07	ng	
14) 1,2-Dichlorobenzene	6.90	146	464839	37.83	ng	97
15) Benzyl Alcohol	6.90	79	365603	38.48	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	832780	37.98	ng	# 39
17) 2-Methylphenol	7.03	107	391154m	39.05	ng	
18) Hexachloroethane	7.25	117	188612	40.30	ng	95
19) n-Nitroso-di-n-propylamine	7.17	70	400511	43.71	ng	99
20) 3+4-Methylphenols	7.19	107	557826	42.95	ng	# 71
22) Acetophenone	7.17	105	693849	41.37	ng	# 91
24) Nitrobenzene	7.34	77	575143	40.74	ng	93
25) Isophorone	7.57	82	1002875	39.59	ng	# 91
26) 2-Nitrophenol	7.66	139	262288	40.72	ng	# 86
27) 2,4-Dimethylphenol	7.70	122	440282	42.02	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	636273	39.79	ng	99
29) 2,4-Dichlorophenol	7.91	162	414632	42.06	ng	93
30) 1,2,4-Trichlorobenzene	7.97	180	405324	38.66	ng	94
31) Naphthalene	8.05	128	1351805	38.70	ng	99
32) Benzoic acid	7.86	122	198828	36.52	ng	95
33) 4-Chloroaniline	8.13	127	54654	3.86	ng	94
34) Hexachlorobutadiene	8.16	225	222434	41.19	ng	99
35) Caprolactam	8.49	113	147235m	43.73	ng	
36) 4-Chloro-3-methylphenol	8.62	107	447335	42.52	ng	100
37) 2-Methylnaphthalene	8.74	142	901163	40.55	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	385741	42.33	ng	98
40) Hexachlorocyclopentadiene	8.88	237	193635	83.57	ng	95

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 ALS Vial : 31 Sample Multiplier: 1

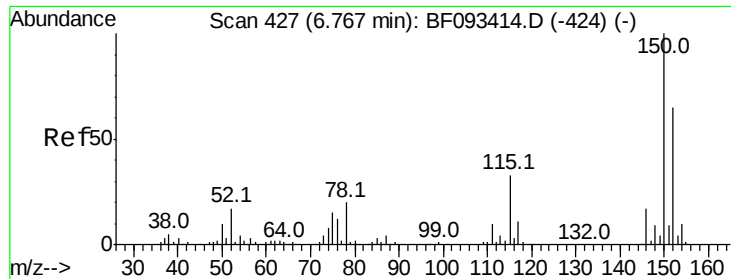
Instrument :
 BNA_F
 ClientSampleId :
 PB97501BSD

Manual Integrations
 APPROVED

Quant Time: Mar 13 13:50:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
42) 2,4,6-Trichlorophenol	9.03	196	264333	46.43	nq	91	
43) 2,4,5-Trichlorophenol	9.09	196	250795	41.05	nq	92	
45) 1,1'-Biphenyl	9.20	154	1050785	43.22	nq	97	
46) 2-Chloronaphthalene	9.22	162	832628	44.74	nq	94	
47) 2-Nitroaniline	9.34	65	294874	44.82	nq	88	
48) Acenaphthylene	9.64	152	1243411	40.51	nq	99	mohammad
49) Dimethylphthalate	9.51	163	1002874	45.33	nq	99	
50) 2,6-Dinitrotoluene	9.58	165	201352	41.47	nq	#	54
51) Acenaphthene	9.81	154	742972	40.94	nq	97	
52) 3-Nitroaniline	9.76	138	28816	4.94	nq	#	84
53) 2,4-Dinitrophenol	9.89	184	77823	35.20	nq	#	72
54) Dibenzofuran	9.98	168	1143173	50.33	nq	94	3/13/2017 5:50:34 PM
55) 4-Nitrophenol	9.96	139	179623m	63.41	nq		
56) 2,4-Dinitrotoluene	9.99	165	270348	45.33	nq	#	67
57) Fluorene	10.33	166	870505	45.22	nq	97	
58) 2,3,4,6-Tetrachlorophenol	10.12	232	221925	51.47	nq	97	
59) Diethylphthalate	10.21	149	1005796	47.57	nq	97	
60) 4-Chlorophenyl-phenylether	10.32	204	421752	48.88	nq	#	77
61) 4-Nitroaniline	10.38	138	185404	31.08	nq	91	
62) Azobenzene	10.48	77	1197856	49.85	nq	92	
64) 4,6-Dinitro-2-methylphenol	10.41	198	118944	30.63	nq	80	
65) n-Nitrosodiphenylamine	10.45	169	695275	34.74	nq	99	
66) 4-Bromophenyl-phenylether	10.80	248	235959	37.23	nq	#	91
67) Hexachlorobenzene	10.88	284	240312	39.71	nq	#	88
68) Atrazine	10.97	200	150576	25.71	nq	97	
69) Pentachlorophenol	11.09	266	100419	48.06	nq	98	
70) Phenanthrene	11.29	178	1333447	38.98	nq	97	
71) Anthracene	11.34	178	1343276	38.82	nq	99	
72) Carbazole	11.50	167	1023576	31.49	nq	99	
73) Di-n-butylphthalate	11.82	149	1534919	40.81	nq	98	
74) Fluoranthene	12.47	202	1348773	40.82	nq	96	
77) Pyrene	12.70	202	1326665	38.52	nq	100	
79) Butylbenzylphthalate	13.32	149	658502	45.42	nq	94	
80) Benzo(a)anthracene	13.89	228	1141982	40.84	nq	99	
81) 3,3'-Dichlorobenzidine	13.86	252	38208	3.90	nq	#	96
82) Chrysene	13.93	228	1115443	43.11	nq	99	
83) Bis(2-ethylhexyl)phthalate	13.88	149	989992	48.99	nq	#	96
84) Di-n-octyl phthalate	14.48	149	1493919	44.36	nq	96	
85) Indeno(1,2,3-cd)pyrene	16.67	276	865289	39.95	nq	#	93
87) Benzo(b)fluoranthene	14.92	252	1037250m	45.32	nq		
88) Benzo(k)fluoranthene	14.94	252	878652m	39.80	nq		
89) Benzo(a)pyrene	15.25	252	906470	43.33	nq	#	95
90) Dibenzo(a,h)anthracene	16.67	278	744128	43.00	nq	#	95
91) Benzo(g,h,i)perylene	17.08	276	723029	40.70	nq	#	94

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



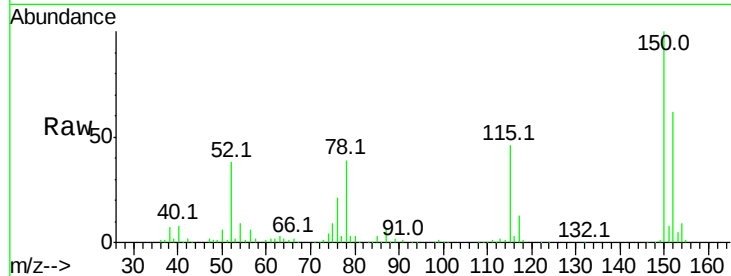
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.73 min Scan# 424
Delta R.T. -0.03 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

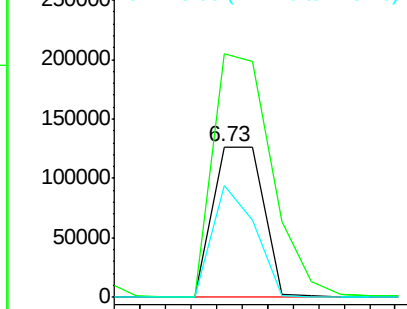
Instrument :
BNA_F
ClientSampleId :
PB97501BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	124.9	187.3
115	74.4	46.0	69.0

Manual Integrations
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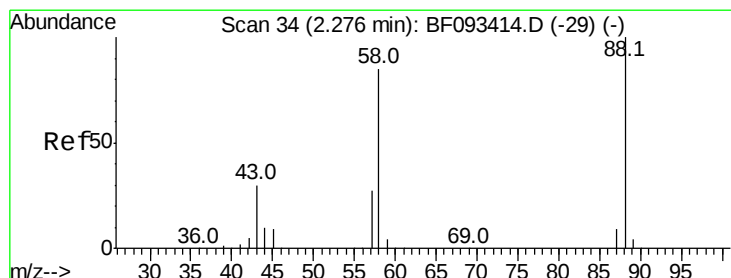
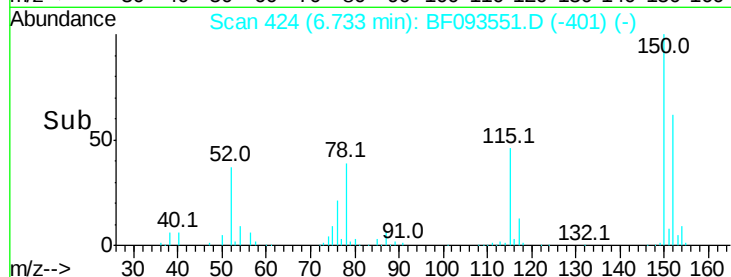


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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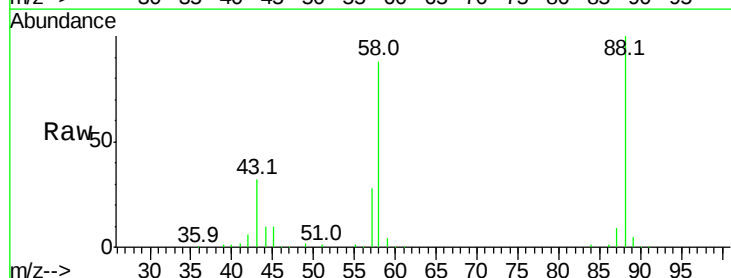
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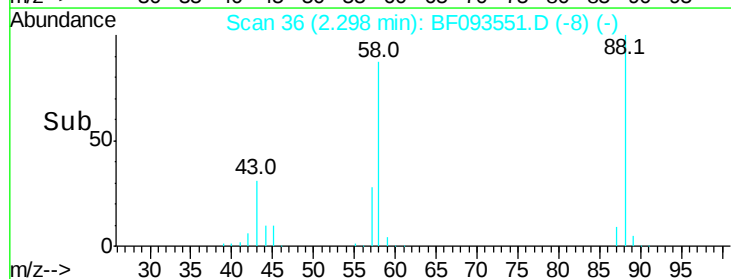
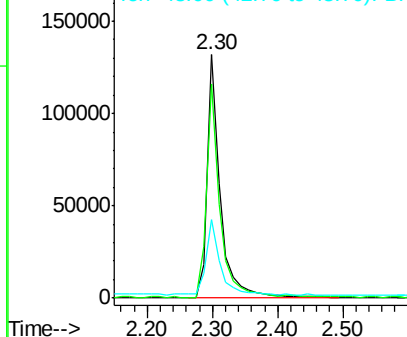
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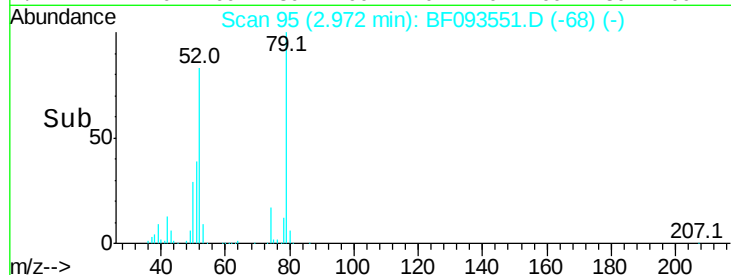
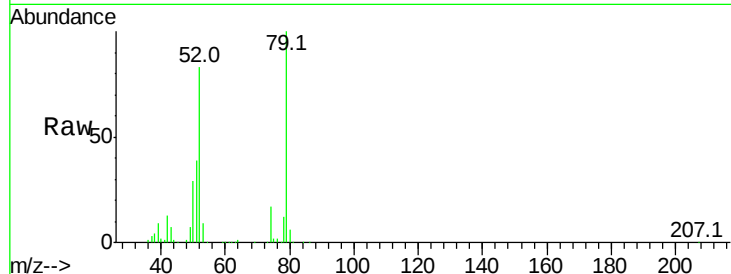
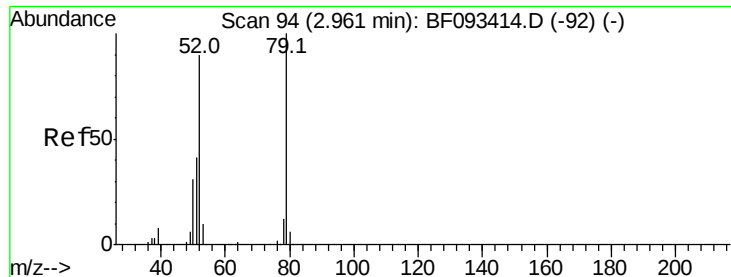
1,4-Dioxane
Concen: 31.91 ng
RT: 2.30 min Scan# 36
Delta R.T. 0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.5	57.8	86.8
43	34.2	22.3	33.5



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



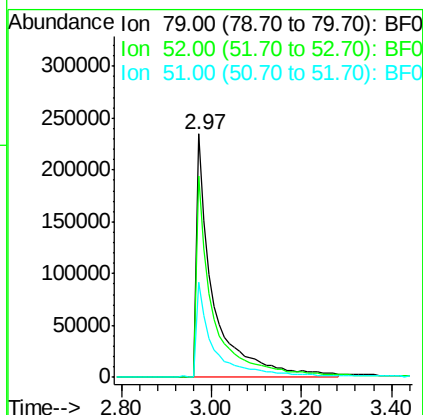


#3
Pvridine
Concen: 41.52 ng
RT: 2.97 min Scan# 95
Delta R.T. 0.01 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.5	57.1	85.7
51	39.1	27.3	40.9

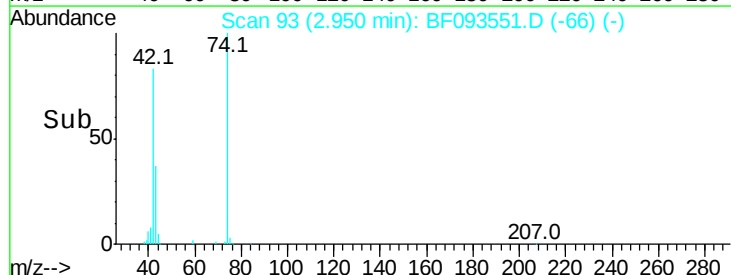
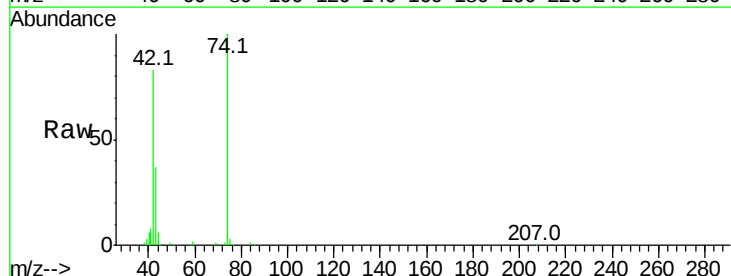
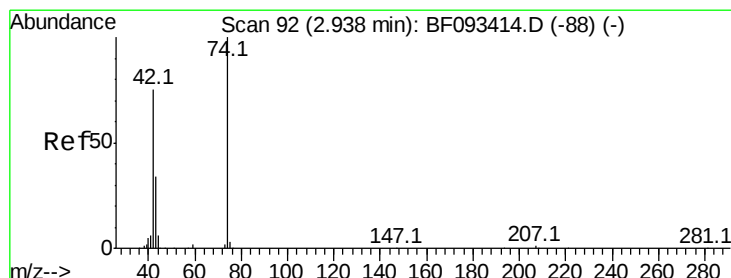
Instrument :
BNA_F
ClientSampleId :
PB97501BSD

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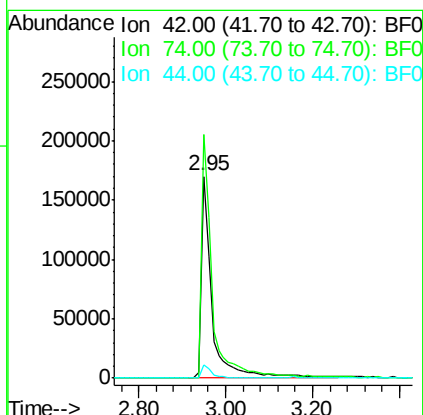
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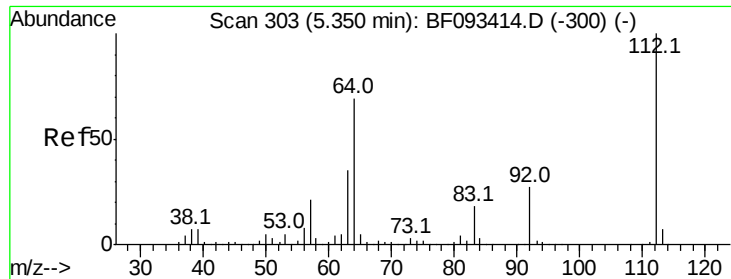
3/13/2017 5:50:34 PM



#4
n-Nitrosodimethylamine
Concen: 40.43 ng
RT: 2.95 min Scan# 93
Delta R.T. 0.01 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.7	117.0	175.4
44	6.8	5.5	8.3





#5

2-Fluorophenol

Concen: 92.10 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

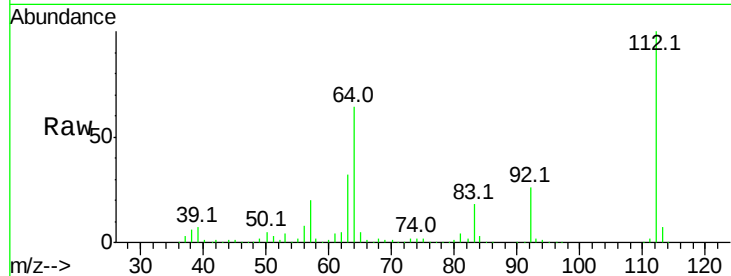
BNA_F

ClientSampleId :

PB97501BSD

Tot Ion:	112	Resp:	973329
Ion Ratio	Lower	Upper	
112	100		
64	64.2	46.1	69.1
63	32.3	23.8	35.6

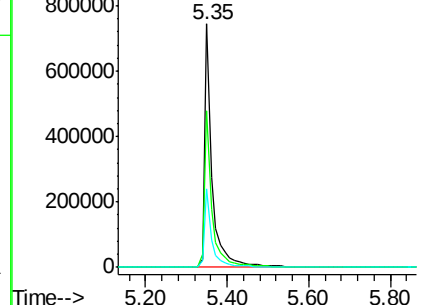
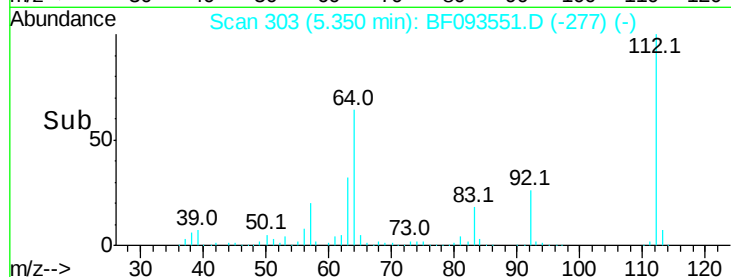
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Abundance Ion 112.00 (111.70 to 112.70): E

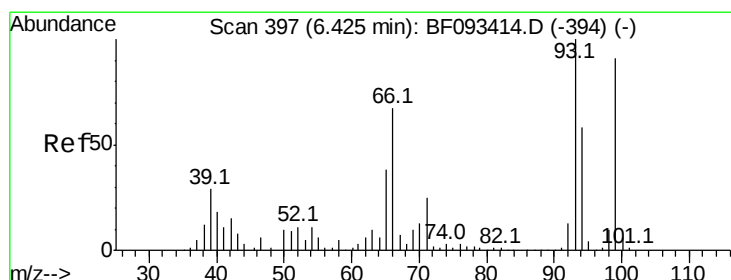
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



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#6

Aniline

Concen: 10.88 ng m

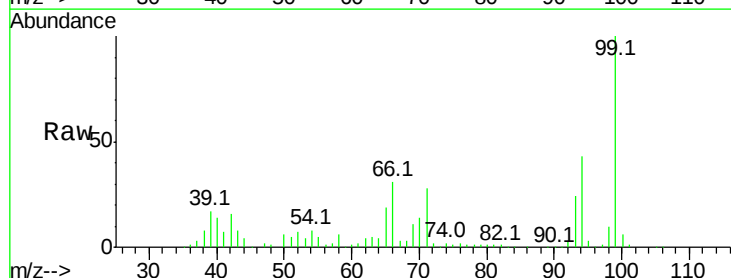
RT: 6.41 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

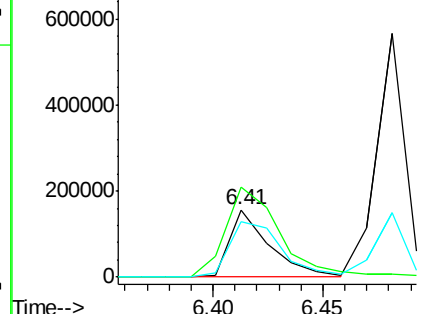
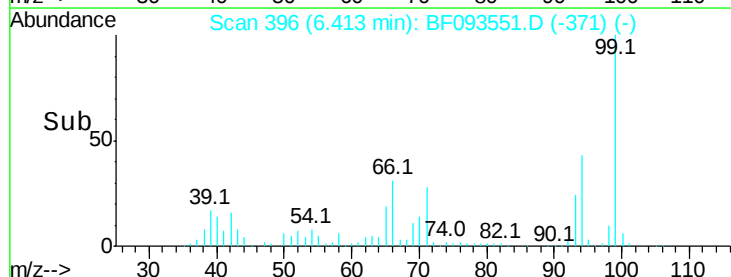
Tgt Ion:	93	Resp:	198965
Ion Ratio	Lower	Upper	
93	100		
66	132.9	76.2	114.2#
65	82.2	49.3	73.9#

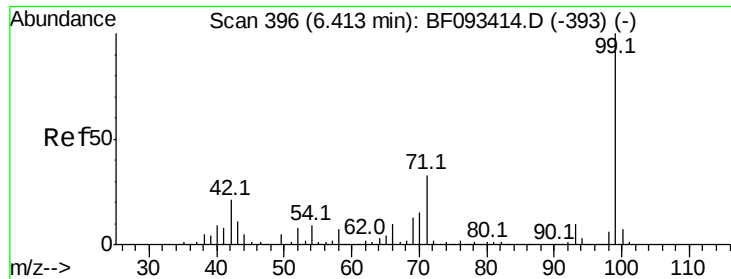


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 89.00 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

PB97501BSD

Tot Ion: 99 Resp: 1186097

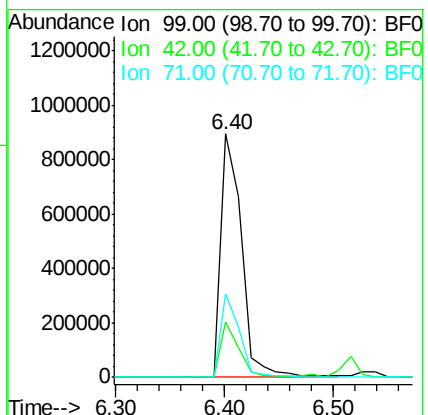
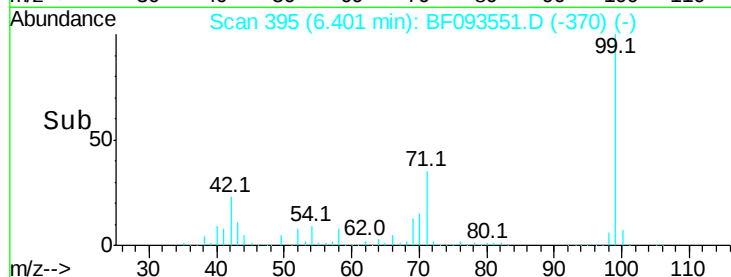
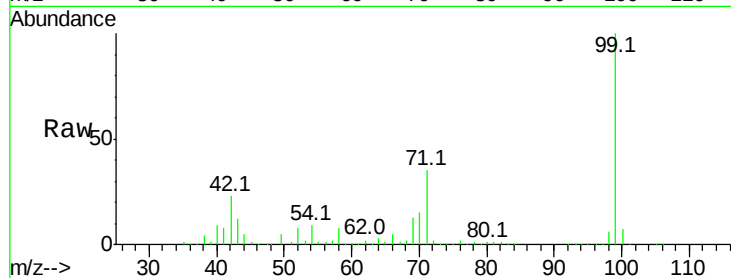
Ion Ratio Lower Upper

99 100

42 22.7 15.6 23.4

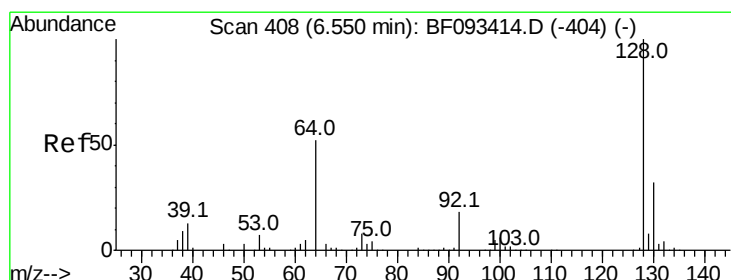
71 34.6 27.5 41.3

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#8

2-Chlorophenol

Concen: 41.32 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

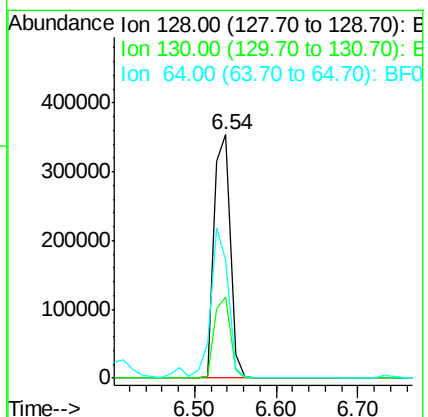
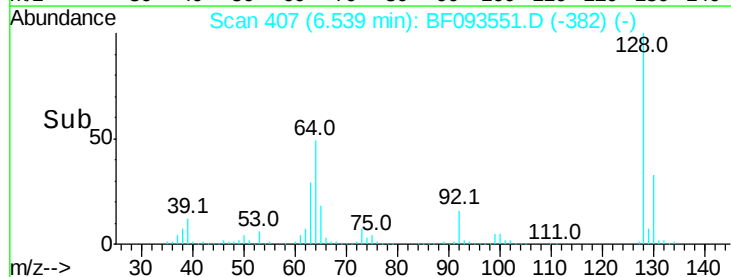
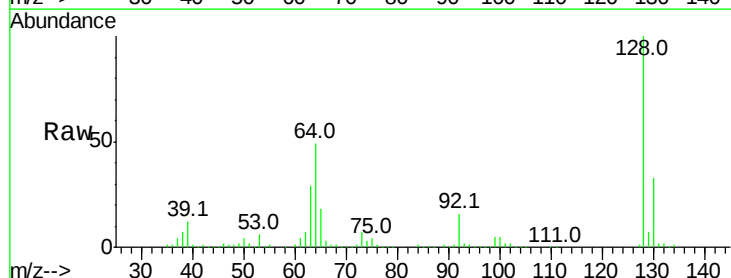
Tgt Ion: 128 Resp: 489309

Ion Ratio Lower Upper

128 100

130 33.1 12.3 52.3

64 48.8 32.2 72.2





#9

Benzaldehyde

Concen: 4.86 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

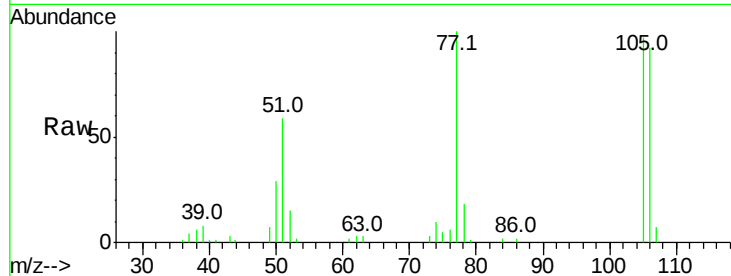
BNA_F

ClientSampled :

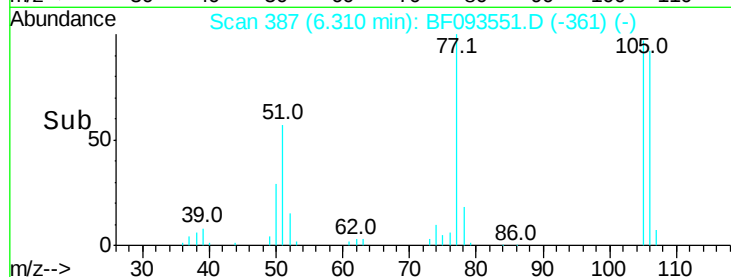
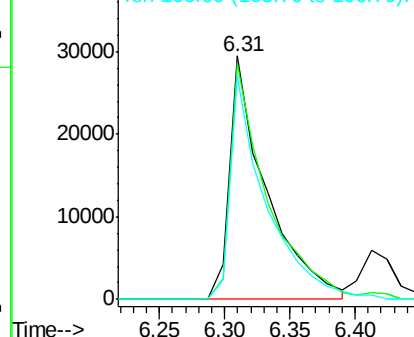
PB97501BSD

Tot Ion:	77	Resp:	57599
Ion	Ratio	Lower	Upper
77	100		
105	96.8	83.9	123.9
106	91.6	77.6	117.6

Manual Integrations
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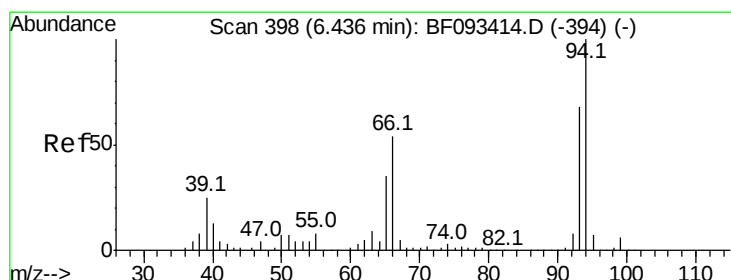


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



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#10

Phenol

Concen: 40.97 ng

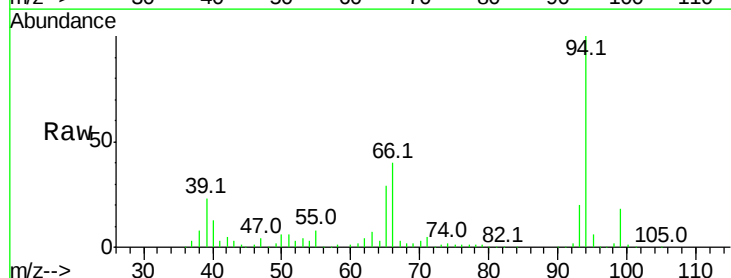
RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

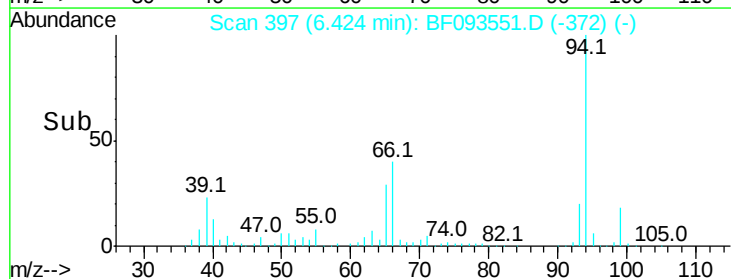
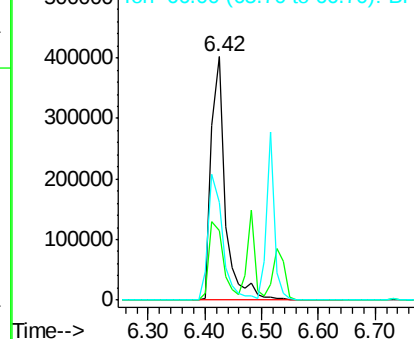
Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Tgt Ion:	94	Resp:	669113
Ion	Ratio	Lower	Upper
94	100		
65	28.5	21.4	61.4
66	40.3	44.0	84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



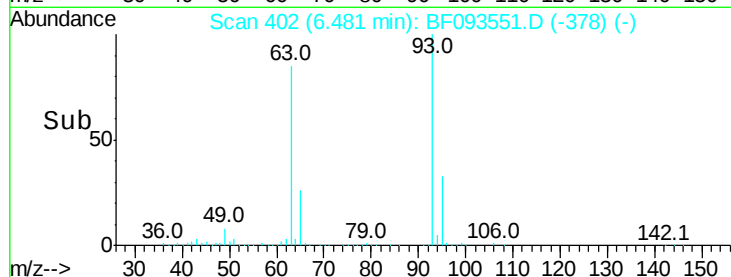
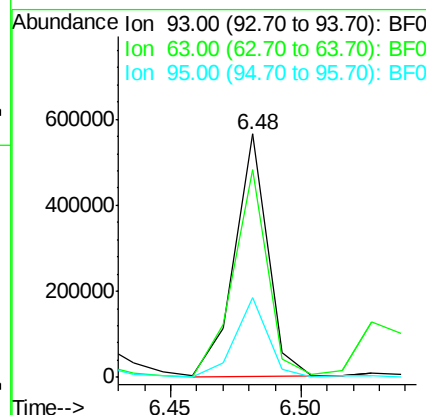
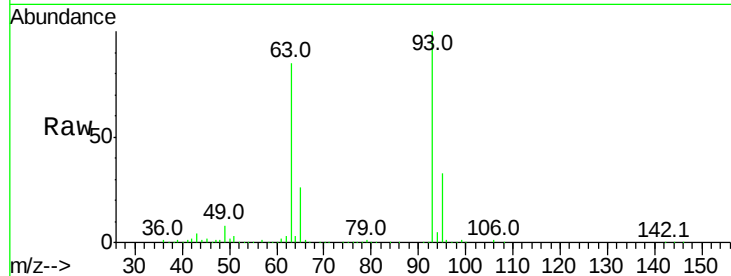


#11
bis(2-Chloroethyl)ether
Concen: 38.08 ng
RT: 6.48 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Instrument :
BNA_F
ClientSampleId :
PB97501BSD

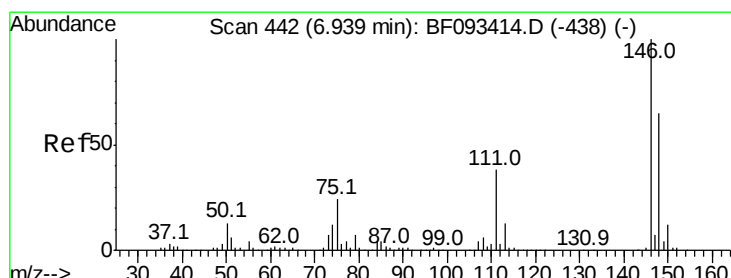
Tot Ion	Ratio	Lower	Upper
93	100		
63	85.3	60.4	100.4
95	33.0	12.8	52.8

Manual Integrations
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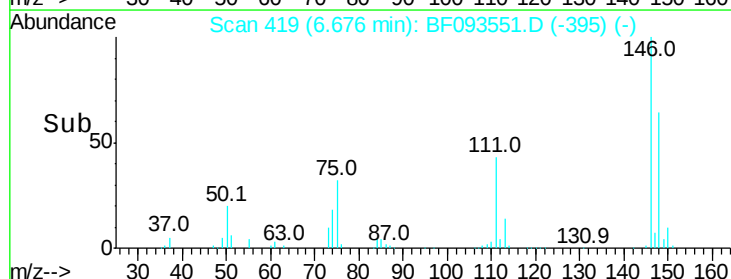
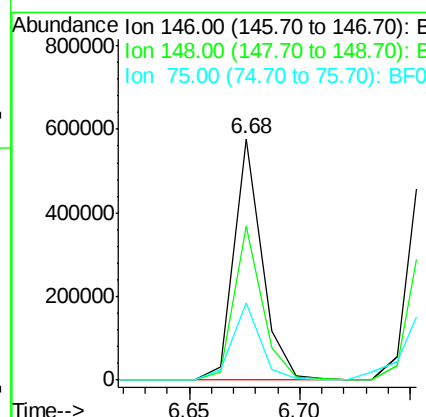
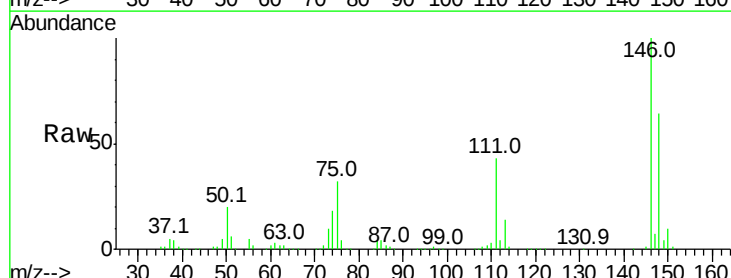
mohammad

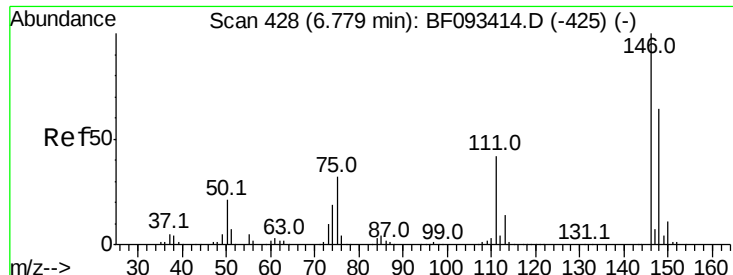
3/13/2017 5:50:34 PM



#12
1,3-Dichlorobenzene
Concen: 37.50 ng m
RT: 6.68 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.4	80.0
75	32.2	18.5	27.7#



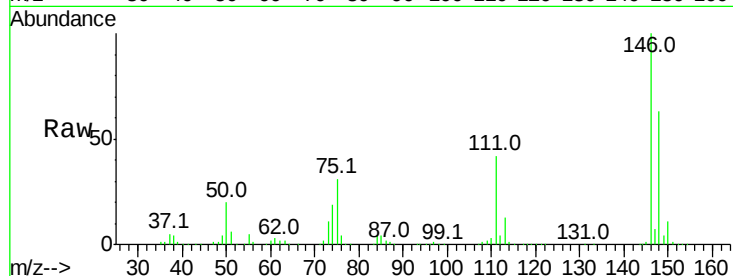


#13
1,4-Dichlorobenzene
Concen: 39.07 ng/mL
RT: 6.76 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

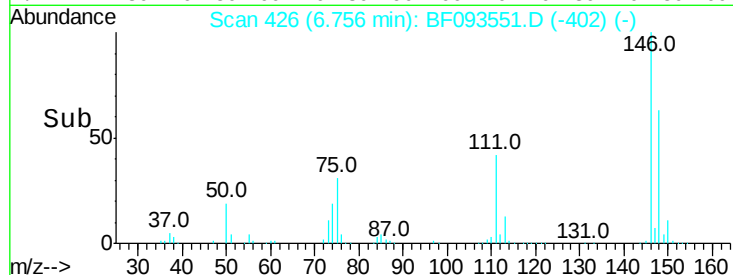
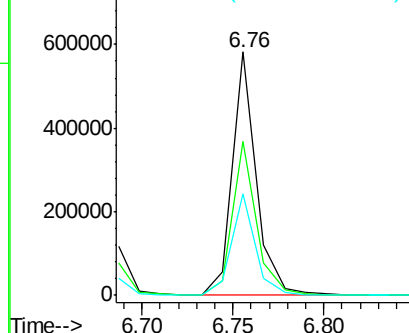
Instrument :
BNA_F
ClientSampleID :
PB97501BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
111	41.6	36.2	54.4

Manual Integrations
APPROVED

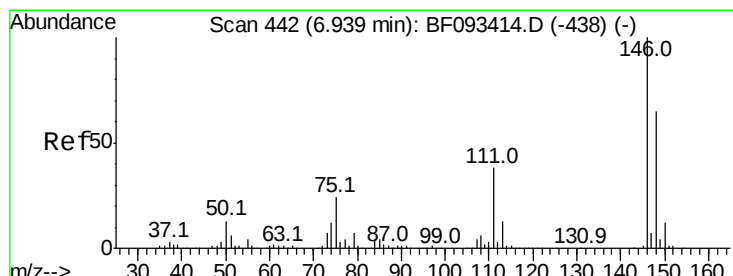


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



mohammad

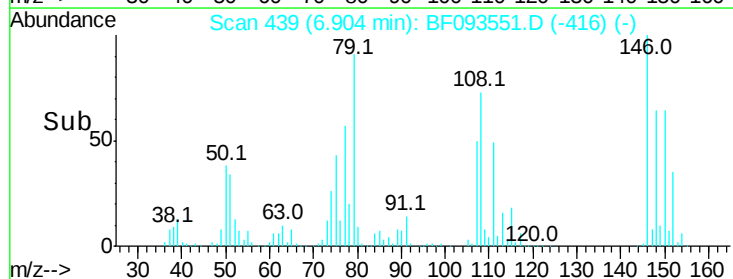
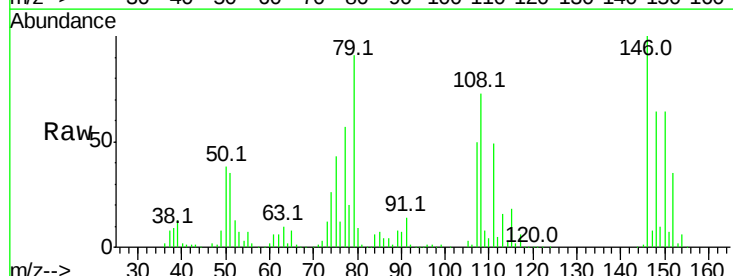
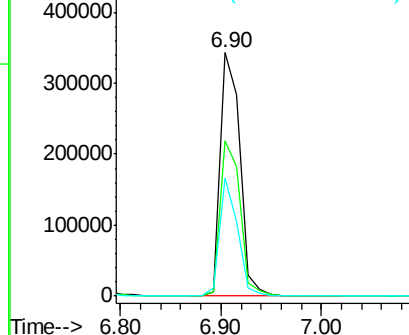
3/13/2017 5:50:34 PM

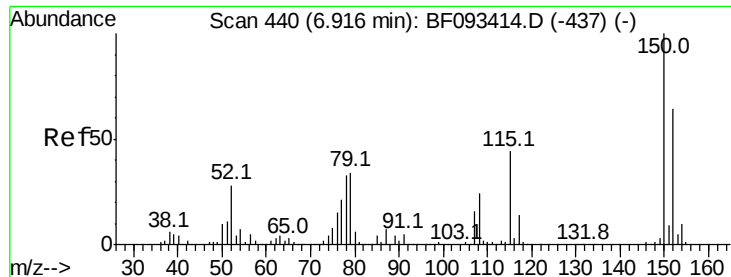


#14
1,2-Dichlorobenzene
Concen: 37.83 ng/mL
RT: 6.90 min Scan# 439
Delta R.T. -0.03 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	48.5	36.2	54.2

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



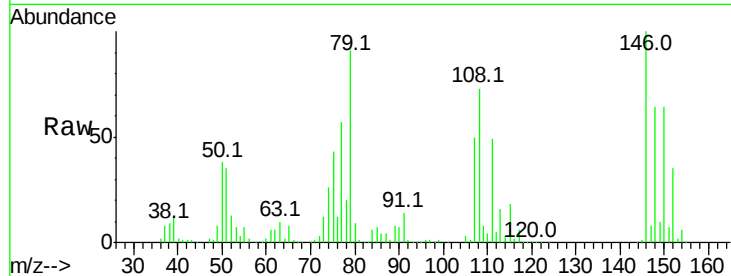


#15
Benzyl Alcohol
Concen: 38.48 ng
RT: 6.90 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

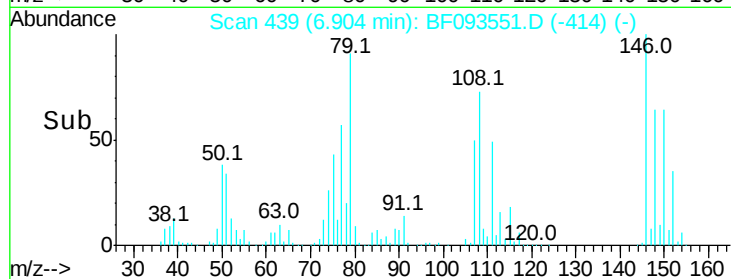
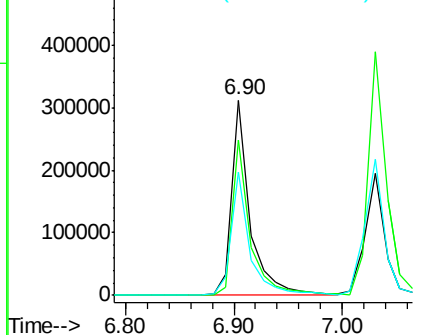
Instrument :
BNA_F
ClientSampleId :
PB97501BSD

Tot Ion: 79 Resp: 365603
Ion Ratio Lower Upper
79 100
108 79.8 61.4 92.0
77 63.0 50.9 76.3

Manual Integrations
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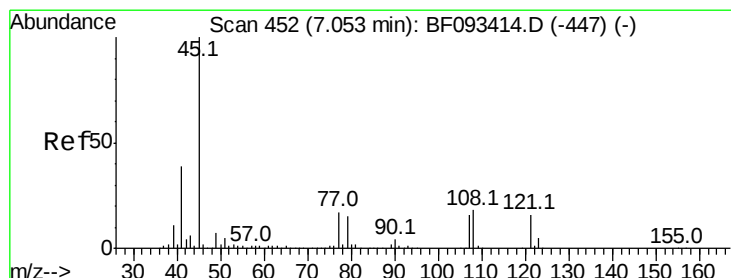


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



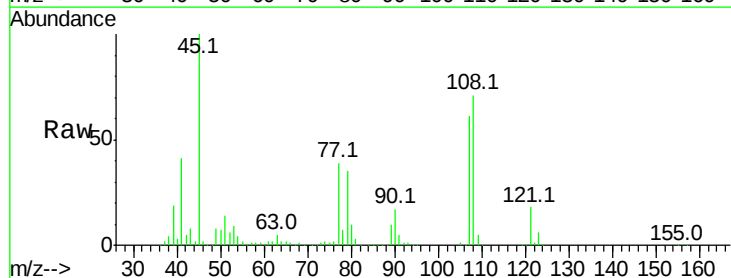
mohammad

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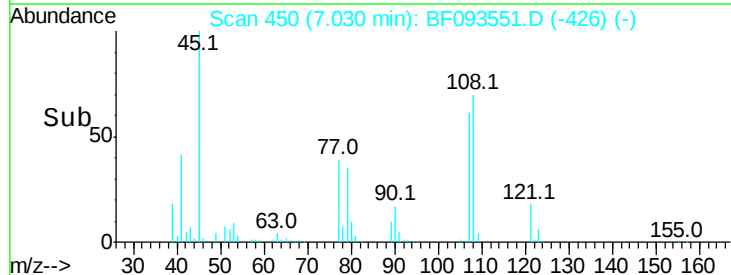
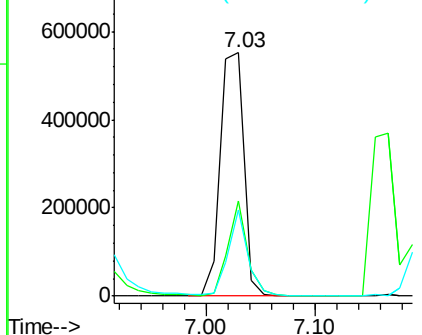


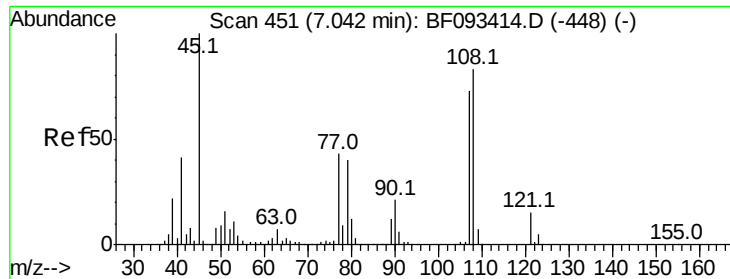
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.98 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion: 45 Resp: 832780
Ion Ratio Lower Upper
45 100
77 39.2 0.0 34.6#
79 35.3 0.0 31.2#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



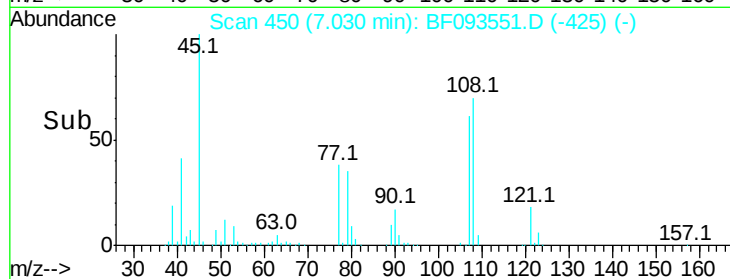
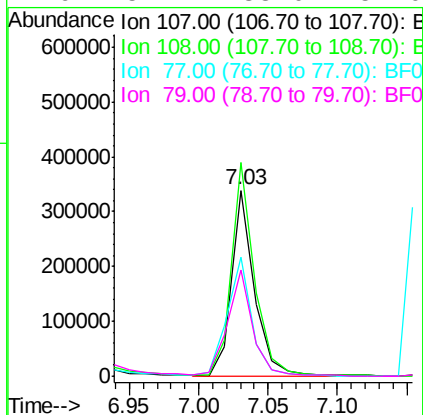
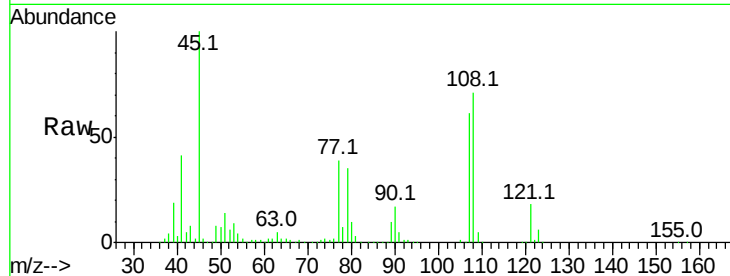


#17
2-Methylphenol
Concen: 39.05 ng/ml
RT: 7.03 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Instrument :
BNA_F
ClientSampleID :
PB97501BSD

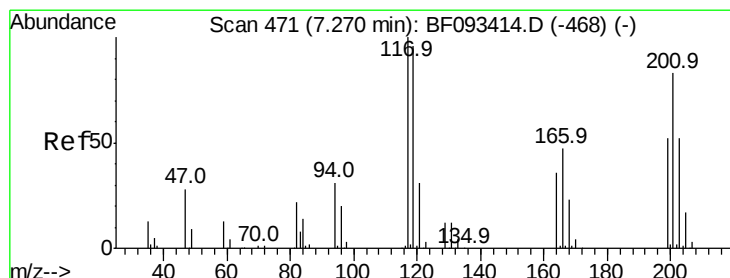
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	93.0	139.6	
77	63.9	39.8	59.8	
79	57.4	38.0	57.0	

Manual Integrations
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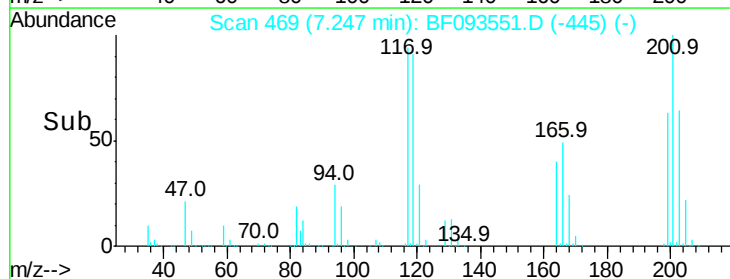
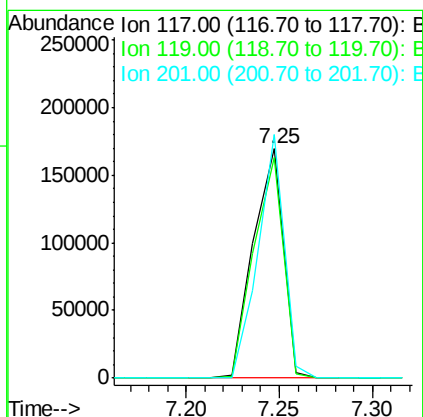
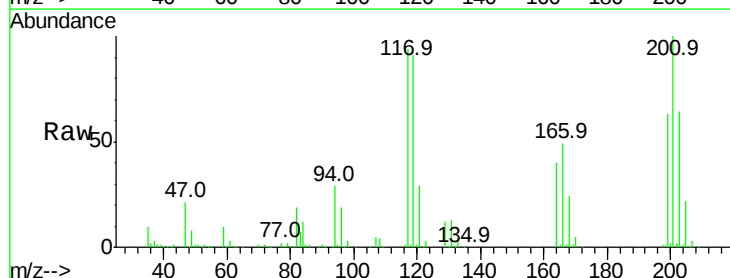
mohammad

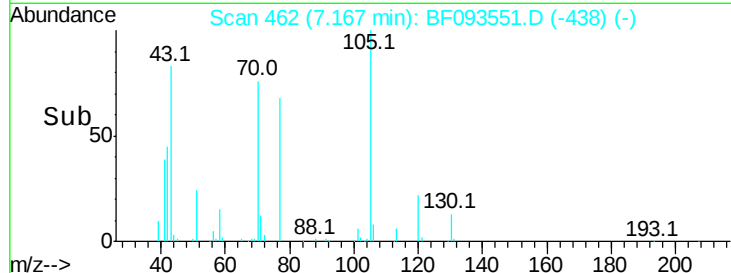
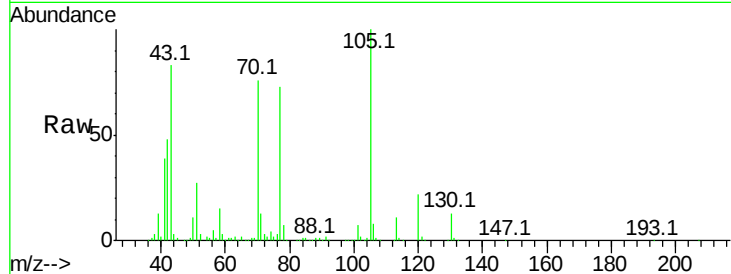
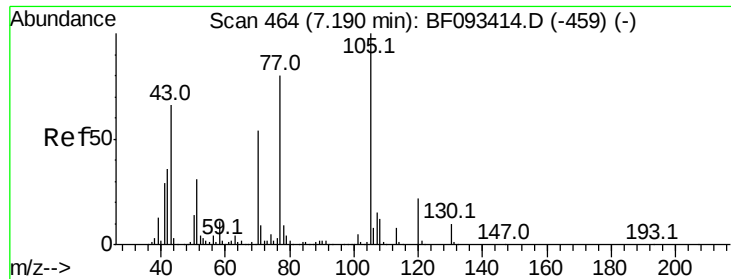
3/13/2017 5:50:34 PM



#18
Hexachloroethane
Concen: 40.30 ng/ml
RT: 7.25 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

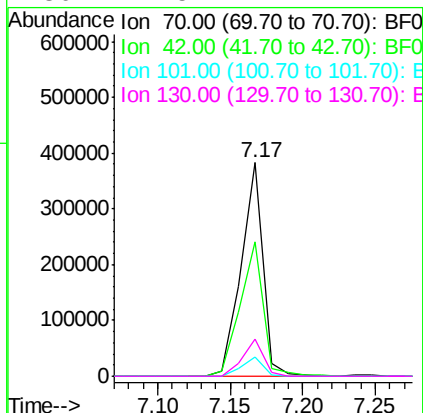
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	78.1	117.1	
201	106.3	78.6	117.8	





#19
n-Nitroso-di-n-propylamine
Concen: 43.71 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.0	49.4	74.0
101	9.1	7.4	11.2
130	17.5	14.2	21.4

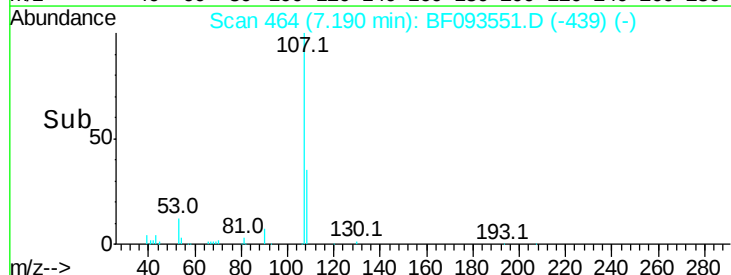
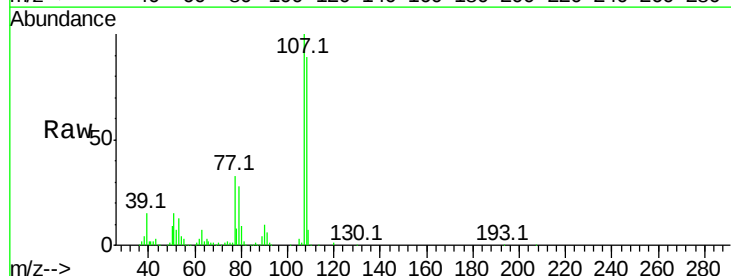
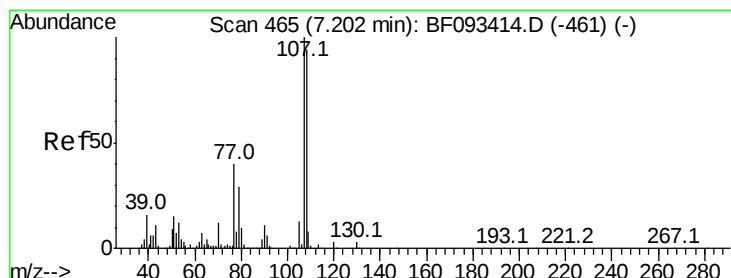


Instrument :
BNA_F
ClientSampleId :
PB97501BSD

Manual Integrations
APPROVED

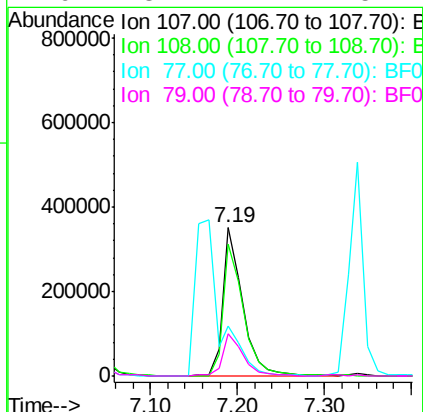
mohammad

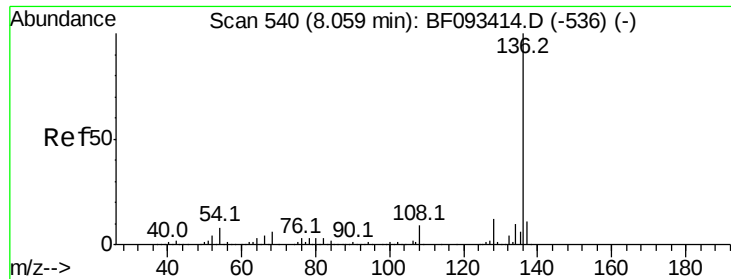
3/13/2017 5:50:34 PM



#20
3+4-Methylphenols
Concen: 42.95 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.0	113.0
77	33.3	71.3	111.3#
79	28.1	11.1	51.1



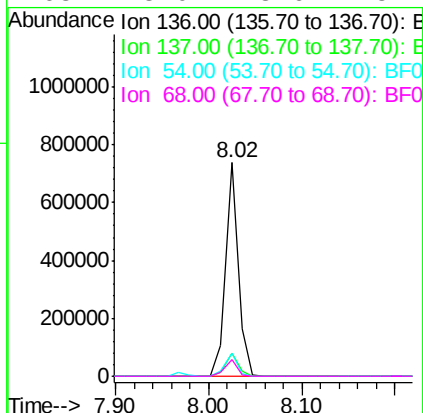
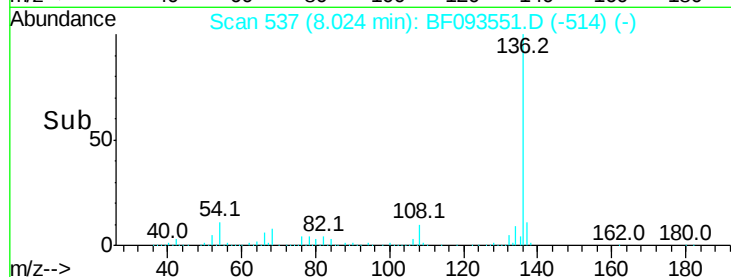
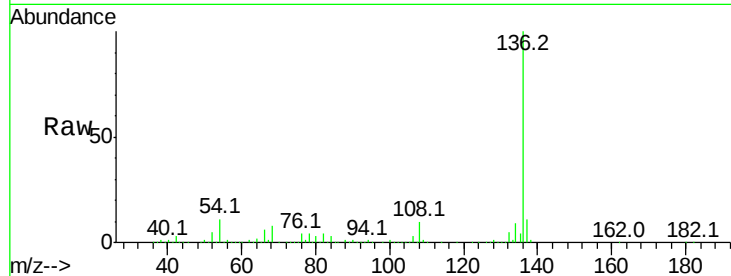


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Instrument :
BNA_F
ClientSampleId :
PB97501BSD

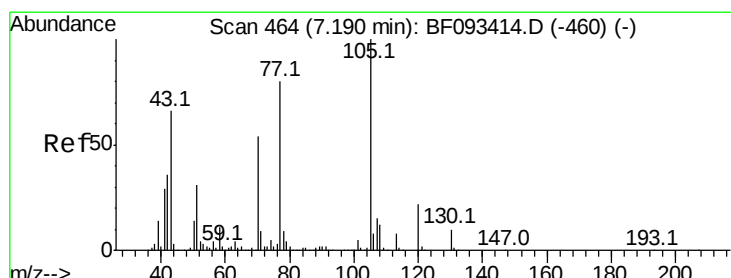
Tot Ion	Ratio	Resp	Lower	Upper
136	100	696978		
137	11.1	8.4	12.6	
54	10.8	4.5	6.7#	
68	8.0	3.6	5.4#	

Manual Integrations
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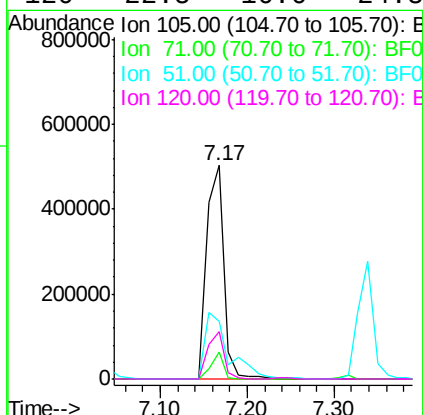
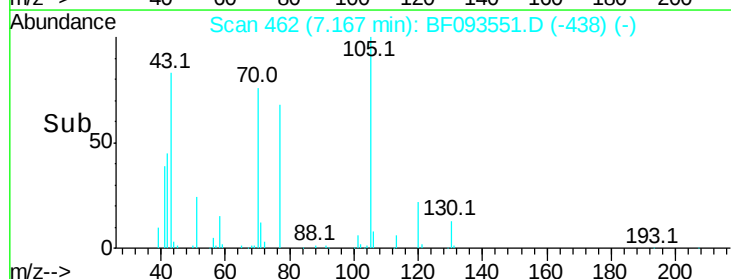
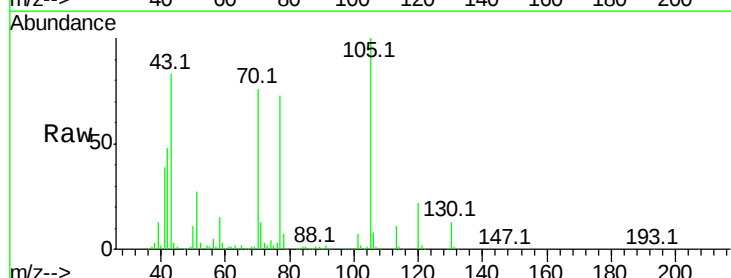
mohammad

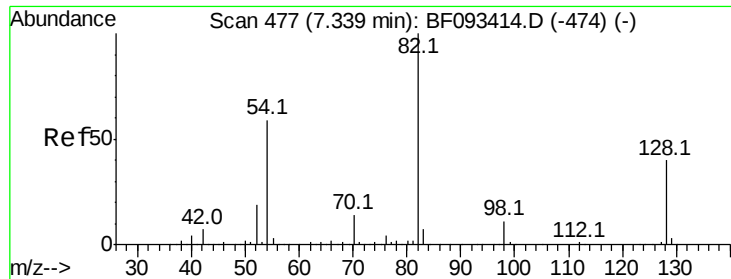
3/13/2017 5:50:34 PM



#22
Acetophenone
Concen: 41.37 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	693849		
71	12.6	3.2	4.8#	
51	27.1	26.2	39.4	
120	22.5	16.6	24.8	



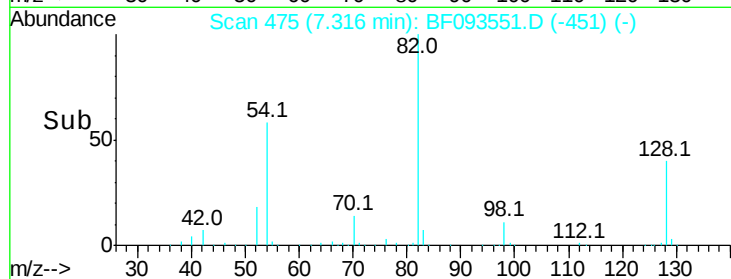
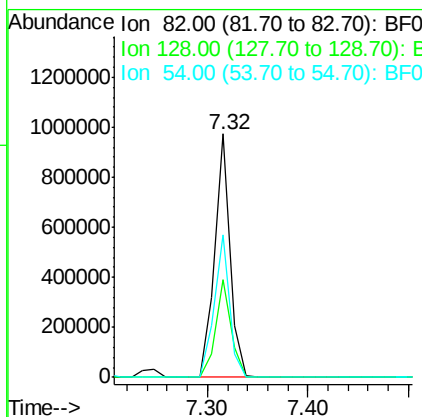
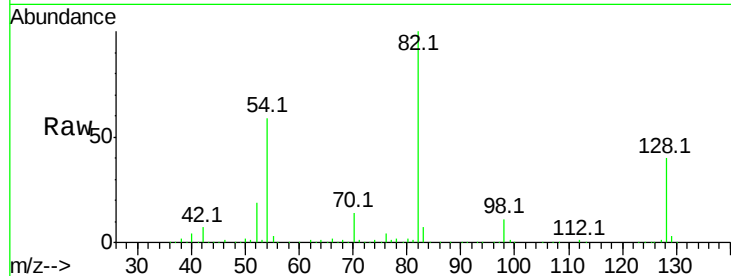


#23
 Nitrobenzene-d5
 Concen: 82.76 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Instrument :
 BNA_F
 ClientSampleId :
 PB97501BSD

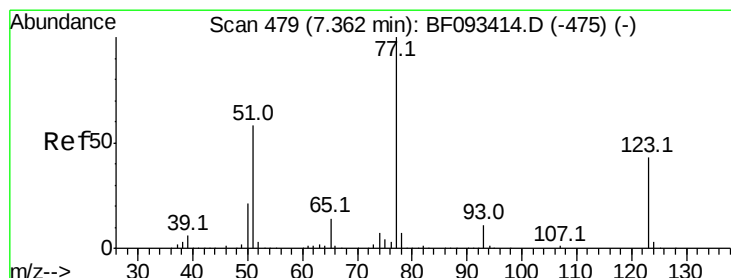
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	52.0
54	58.7	39.5	59.3

Manual Integrations
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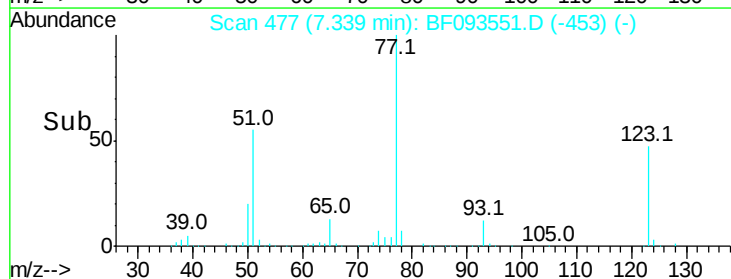
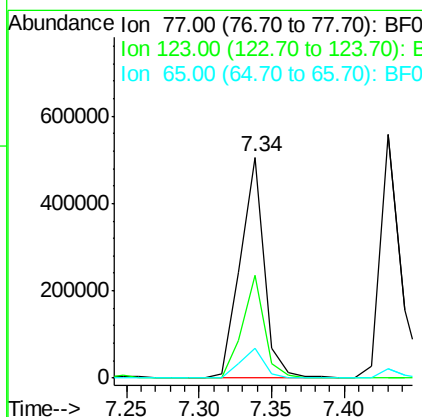
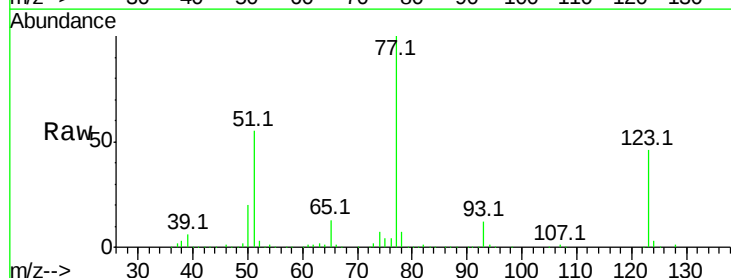
mohammad

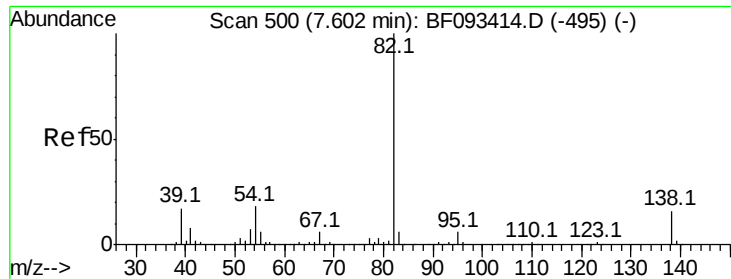
3/13/2017 5:50:34 PM



#24
 Nitrobenzene
 Concen: 40.74 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	33.0	49.4
65	13.4	11.2	16.8





#25

Isophorone

Concen: 39.59 ng

RT: 7.57 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

PB97501BSD

Tot Ion: 82 Resp: 1002875

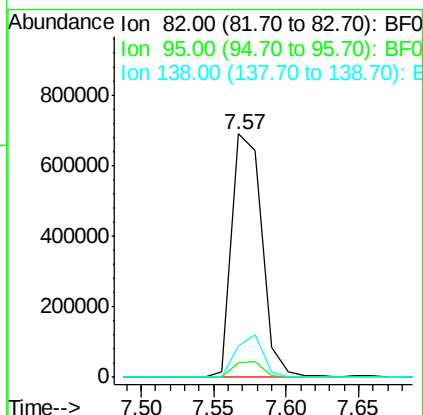
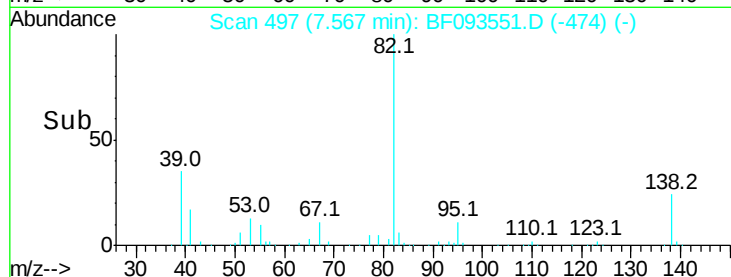
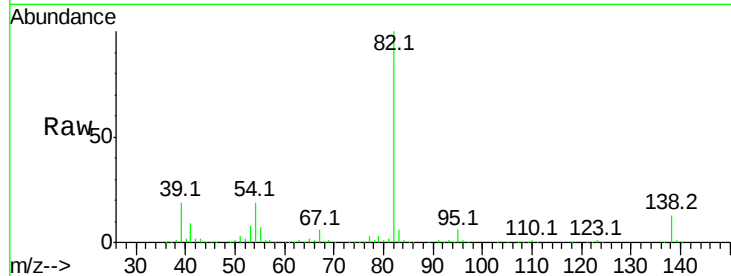
Ion Ratio Lower Upper

82 100

95 6.1 5.6 8.4

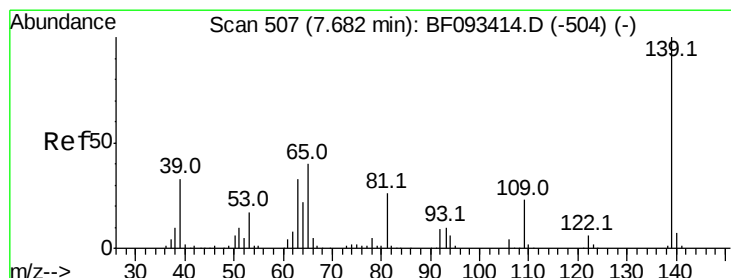
138 13.0 14.6 22.0#

Manual Integrations
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mohammad

3/13/2017 5:50:34 PM



#26

2-Nitrophenol

Concen: 40.72 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

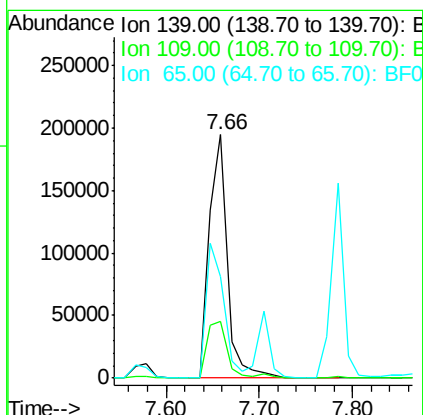
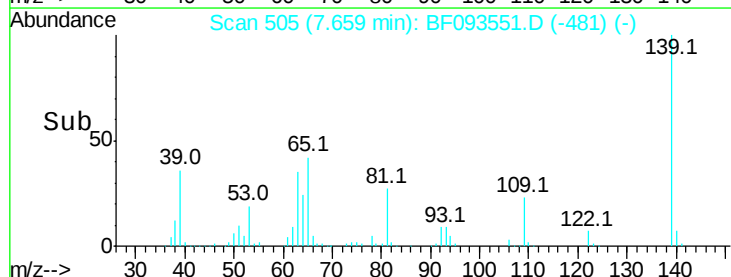
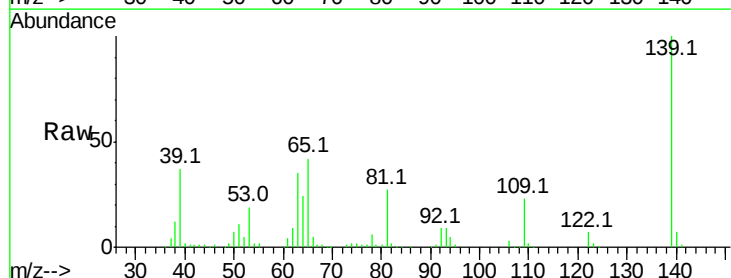
Tgt Ion: 139 Resp: 262288

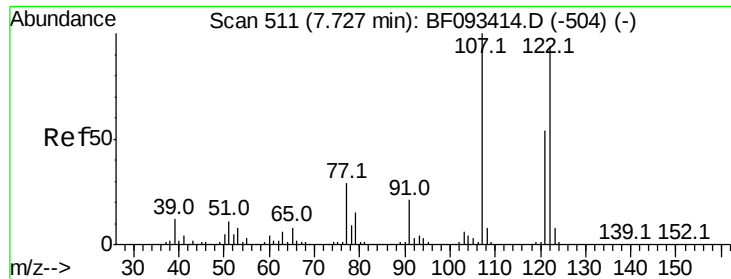
Ion Ratio Lower Upper

139 100

109 23.5 23.3 34.9

65 41.9 42.7 64.1#



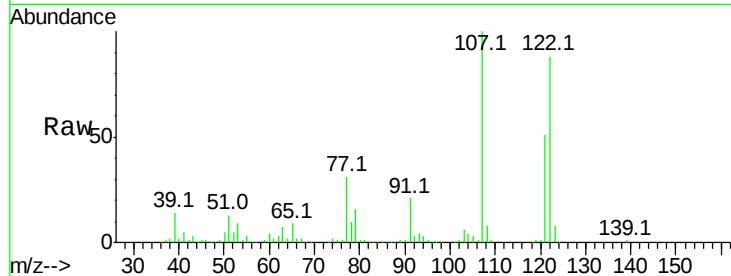


#27
2,4-Dimethylphenol
Concen: 42.02 ng
RT: 7.70 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

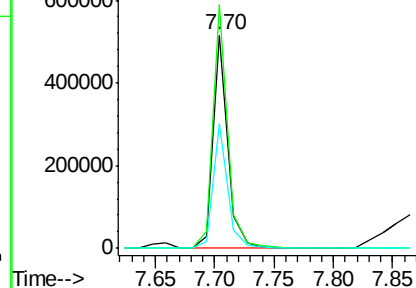
Instrument :
BNA_F
ClientSampled :
PB97501BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	440282		
107	114.1	94.1	141.1	
121	58.2	46.0	69.0	

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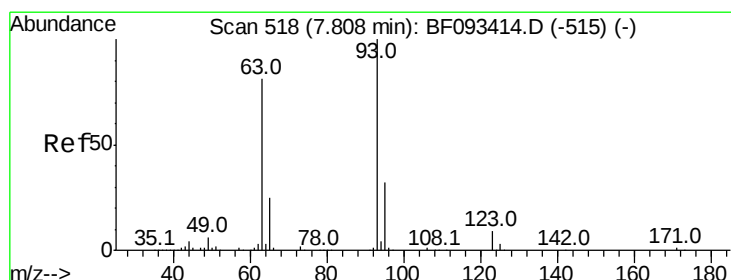
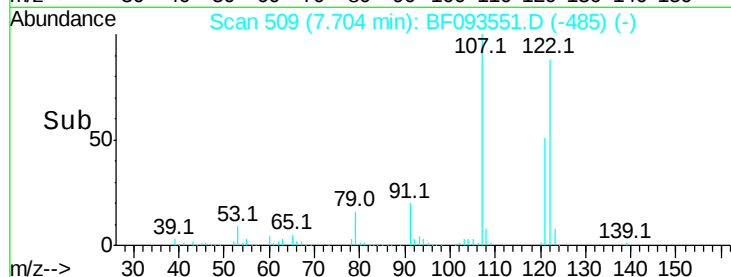


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



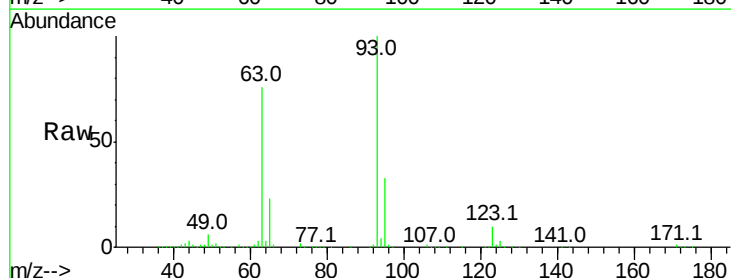
mohammad

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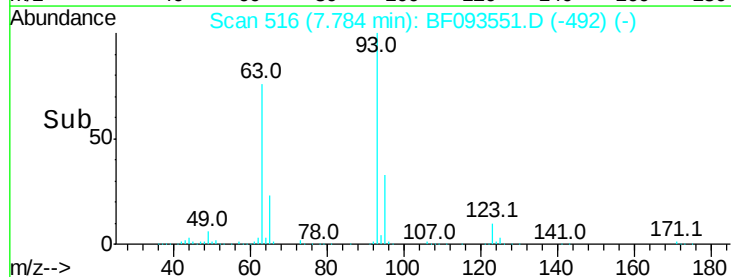
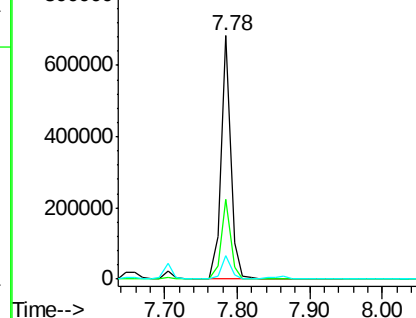


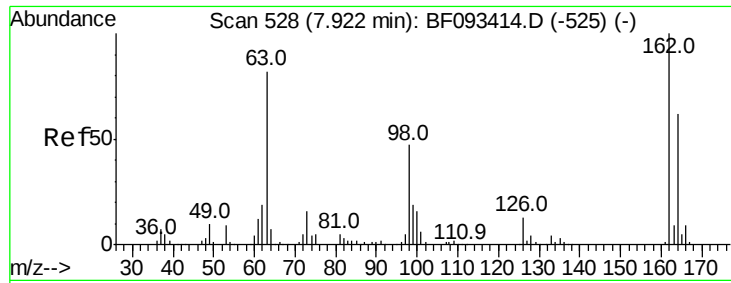
#28
bis(2-Chloroethoxy)methane
Concen: 39.79 ng
RT: 7.78 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	636273		
95	33.0	26.5	39.7	
123	9.5	8.6	13.0	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E



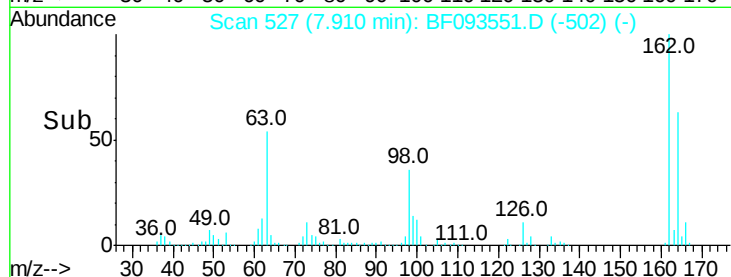
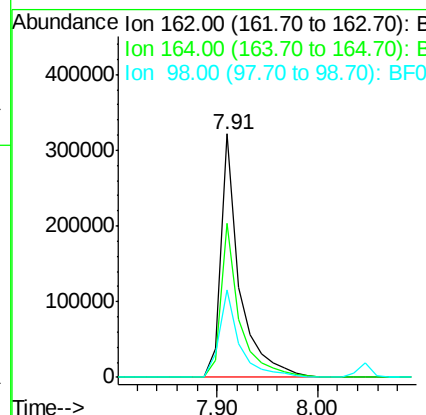
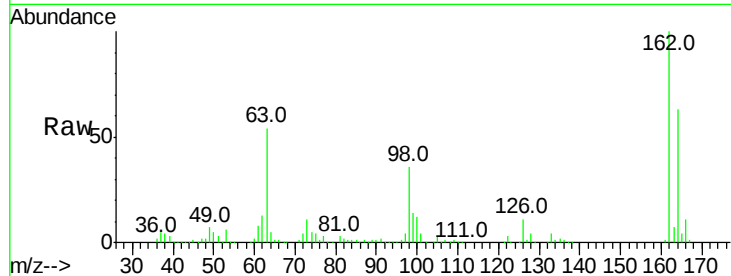


#29
 2,4-Dichlorophenol
 Concen: 42.06 ng
 RT: 7.91 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Instrument :
 BNA_F
 ClientSampled :
 PB97501BSD

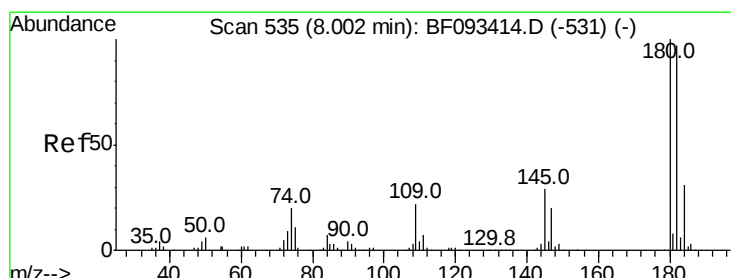
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.3	46.8	86.8	
98	36.1	9.1	49.1	

Manual Integrations
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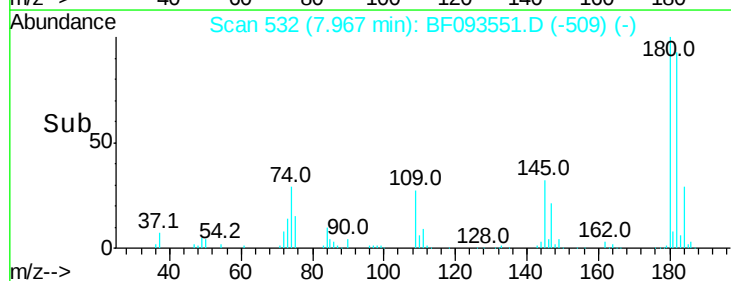
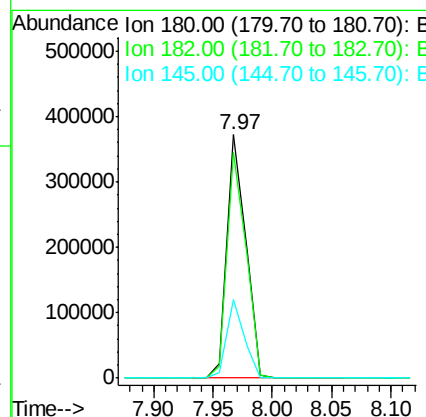
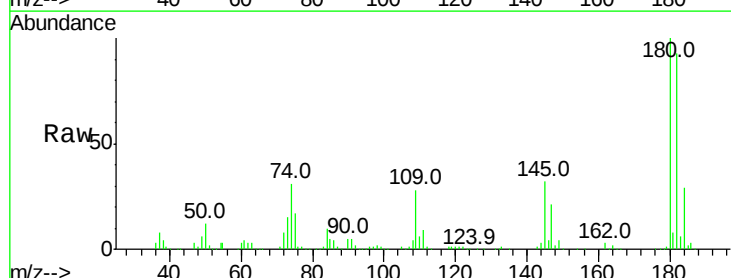
mohammad

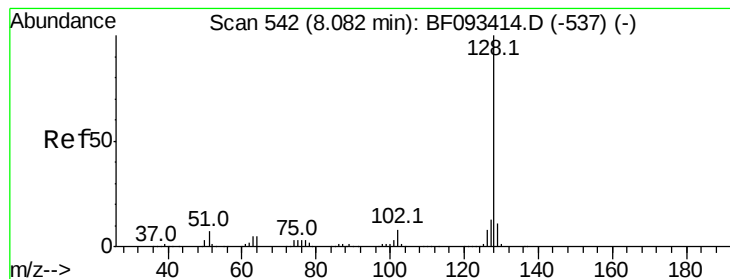
3/13/2017 5:50:34 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.66 ng
 RT: 7.97 min Scan# 532
 Delta R.T. -0.03 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.8	78.2	117.4	
145	32.2	21.6	32.4	





#31

Naphthalene

Concen: 38.70 ng

RT: 8.05 min Scan# 539

Delta R.T. -0.03 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

PB97501BSD

Tot Ion:128 Resp: 1351805

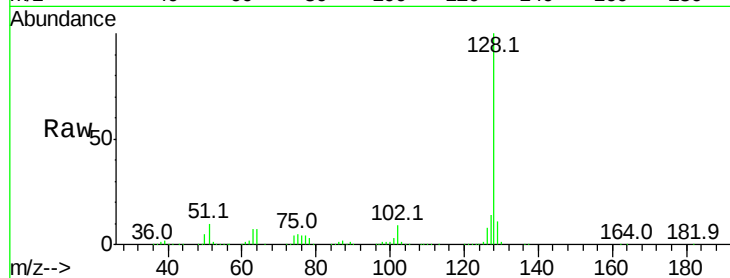
Ion Ratio Lower Upper

128 100

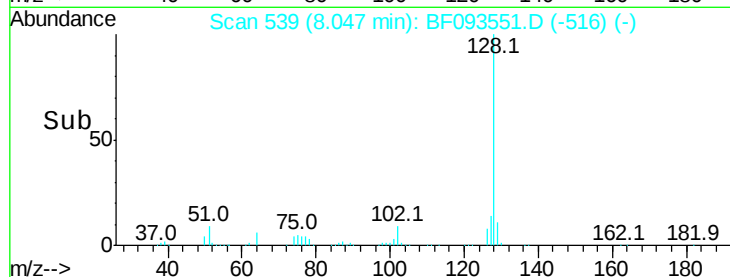
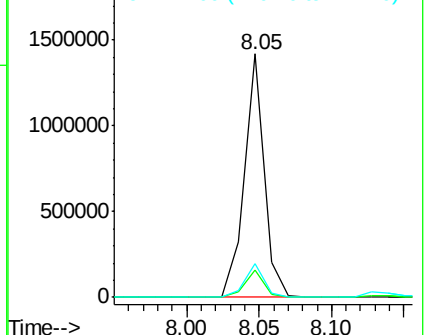
129 11.0 9.5 14.3

127 13.6 10.8 16.2

Manual Integrations
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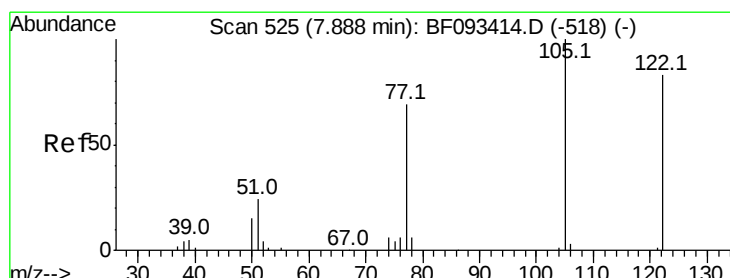


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 36.52 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

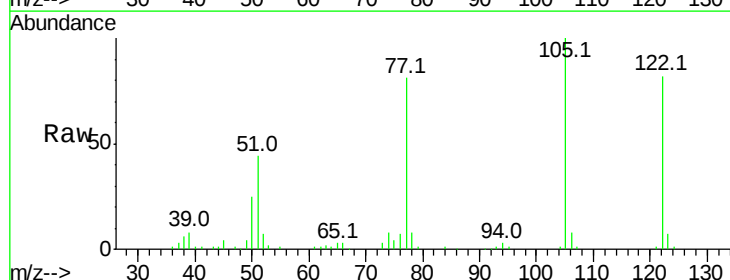
Tgt Ion:122 Resp: 198828

Ion Ratio Lower Upper

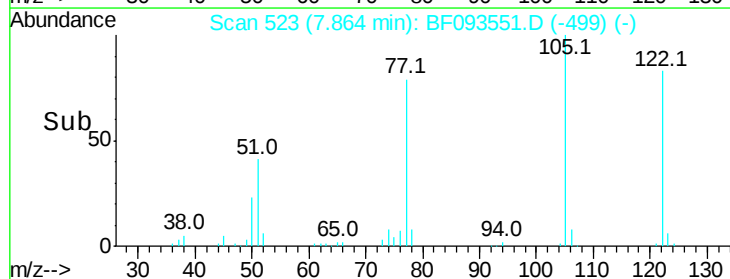
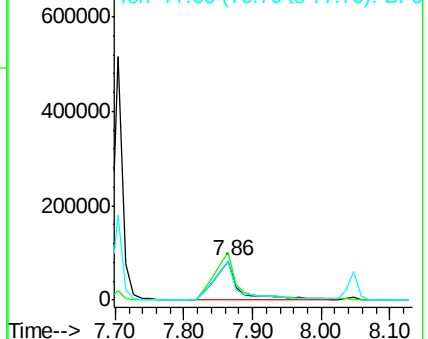
122 100

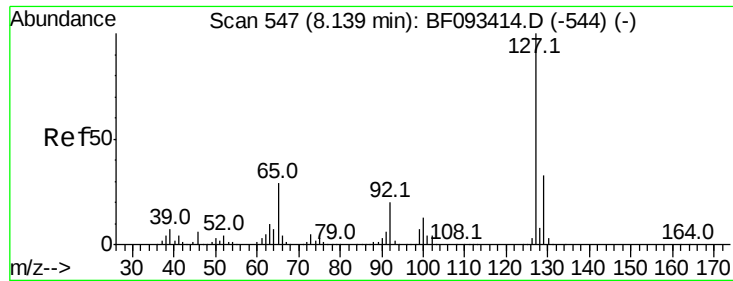
105 121.5 107.2 147.2

77 99.0 74.5 114.5



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



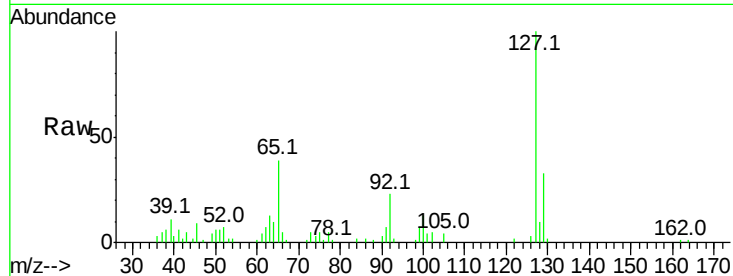


#33
4-Chloroaniline
Concen: 3.86 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

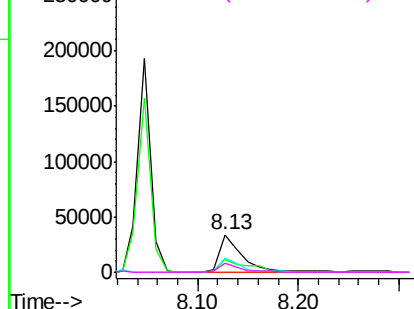
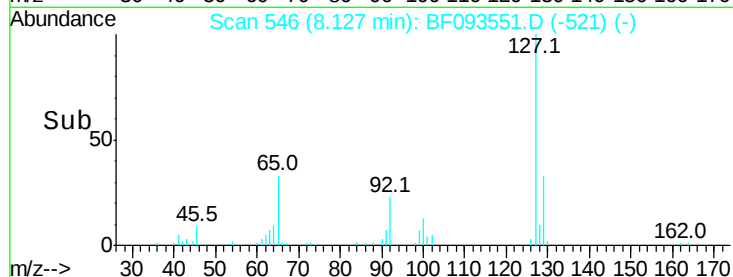
Instrument :
BNA_F
ClientSampleId :
PB97501BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	26.3	39.5		
65	38.7	25.8	38.8		
92	22.6	16.1	24.1		

Manual Integrations
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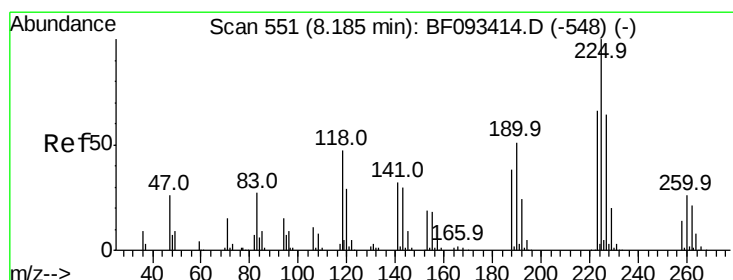


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



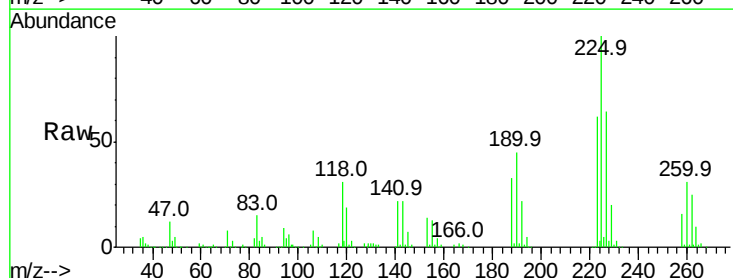
mohammad

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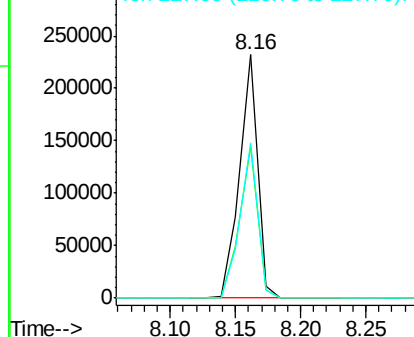
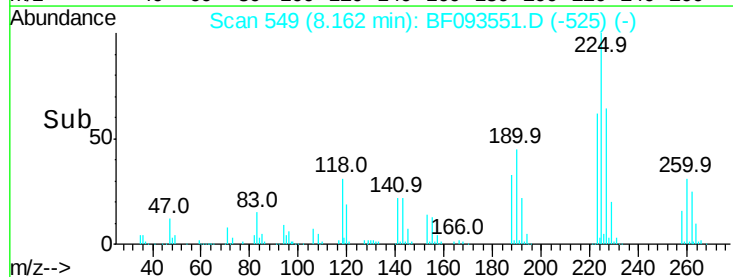


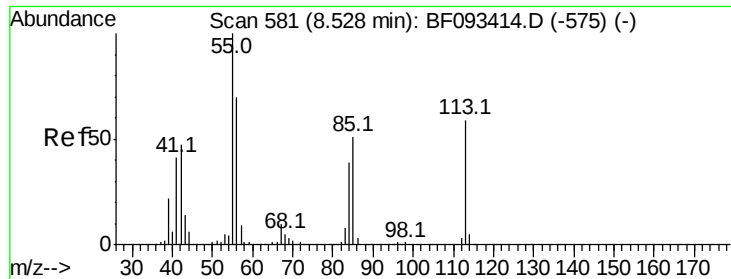
#34
Hexachlorobutadiene
Concen: 41.19 ng
RT: 8.16 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	51.0	76.6		
227	64.0	50.6	76.0		



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: 43.73 ng/ml

RT: 8.49 min Scan# 578

Delta R.T. -0.03 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

PB97501BSD

Tot Ion:113 Resp: 147235

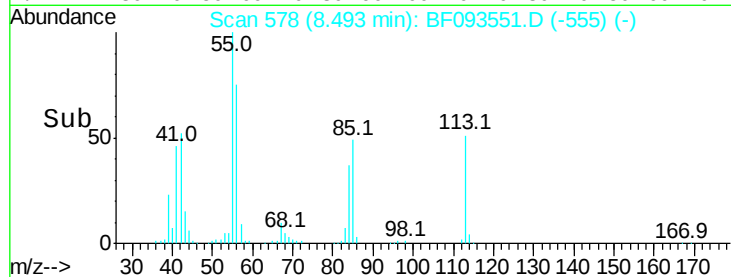
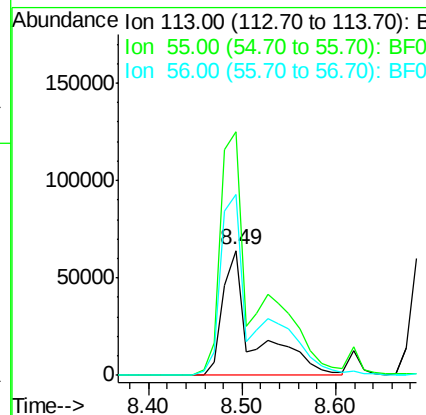
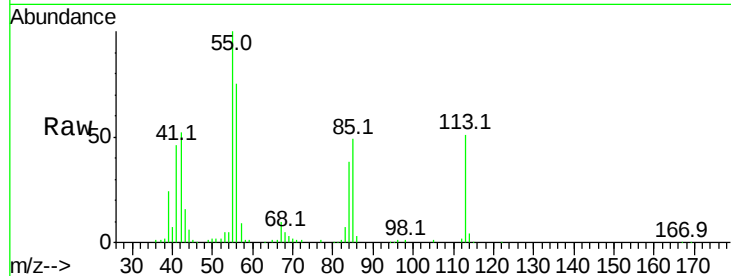
Ion Ratio Lower Upper

113 100

55 194.9 119.2 159.2#

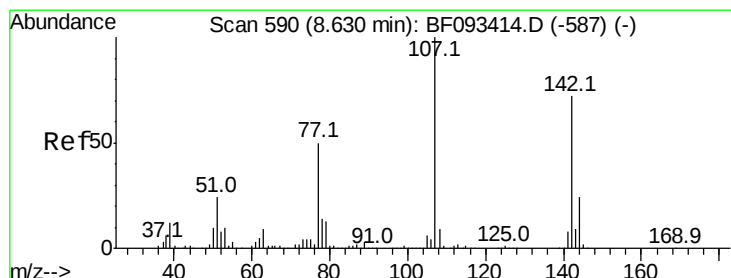
56 145.2 83.8 123.8#

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#36

4-Chloro-3-methylphenol

Concen: 42.52 ng/ml

RT: 8.62 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

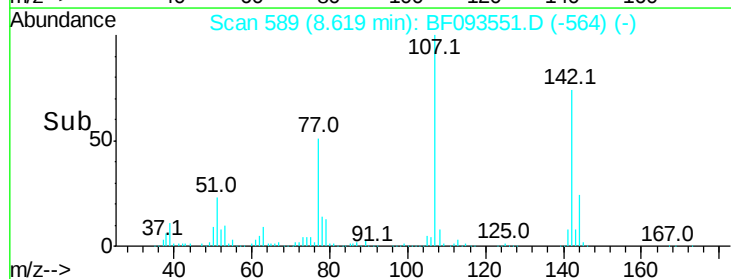
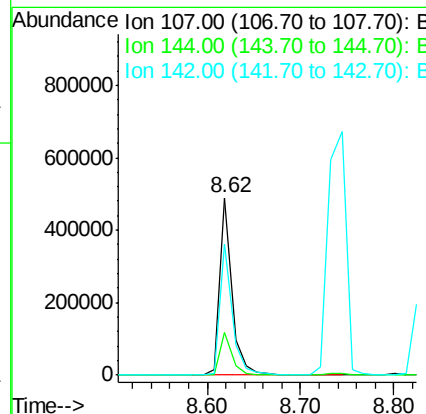
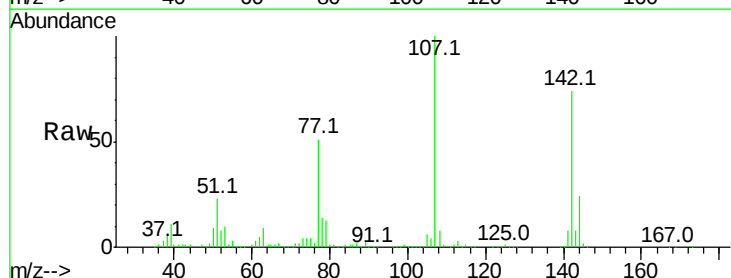
Tgt Ion:107 Resp: 447335

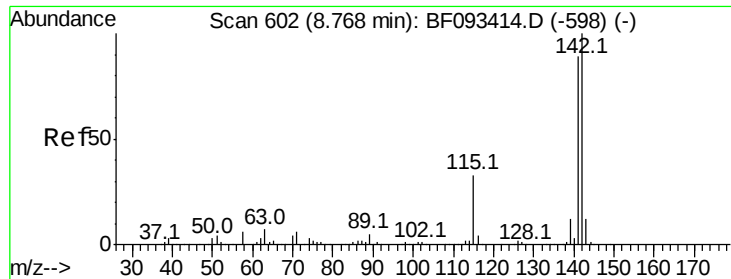
Ion Ratio Lower Upper

107 100

144 24.0 19.3 28.9

142 74.0 59.0 88.6



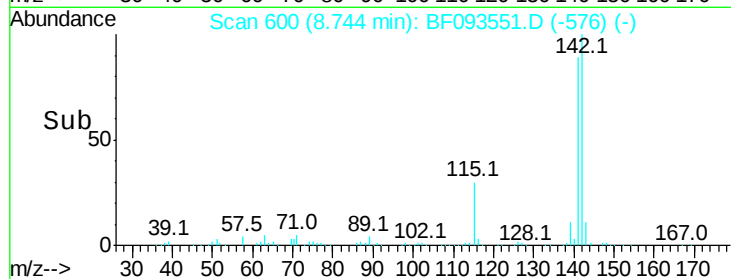
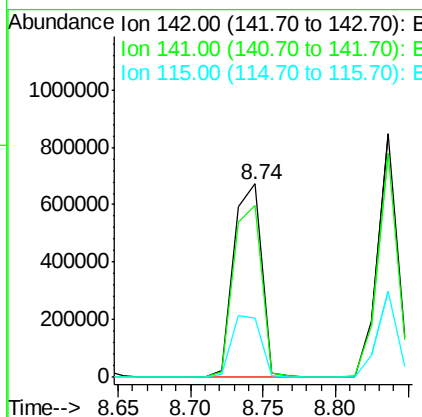
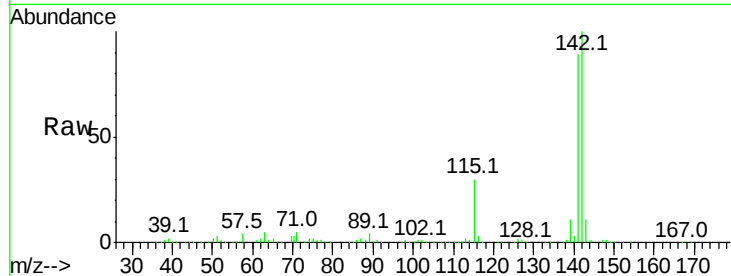


#37
2-Methylnaphthalene
Concen: 40.55 ng
RT: 8.74 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Instrument :
BNA_F
ClientSampleId :
PB97501BSD

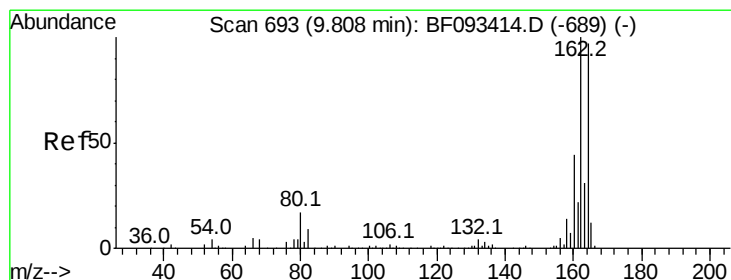
Tot Ion	Ratio	Resp	Lower	Upper
142	100	901163		
141	89.0	71.0	106.6	
115	30.4	28.3	42.5	

Manual Integrations
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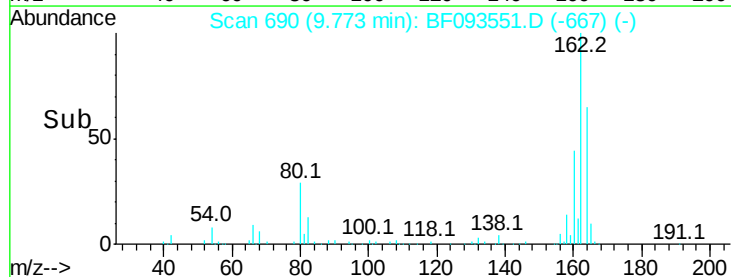
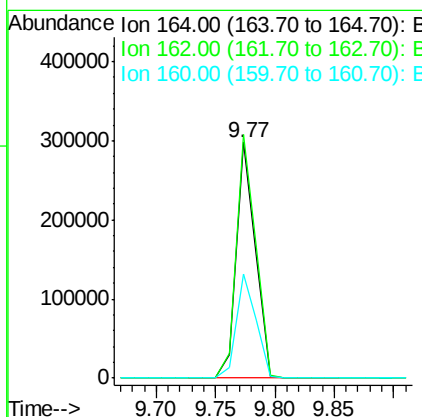
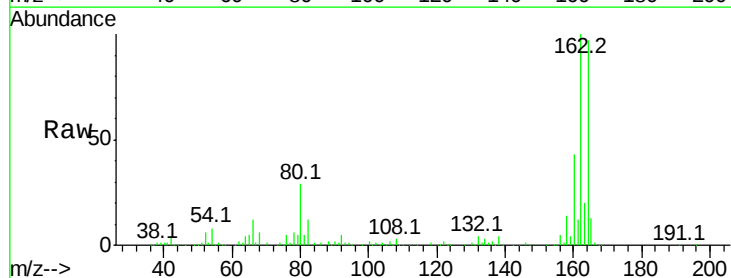
mohammad

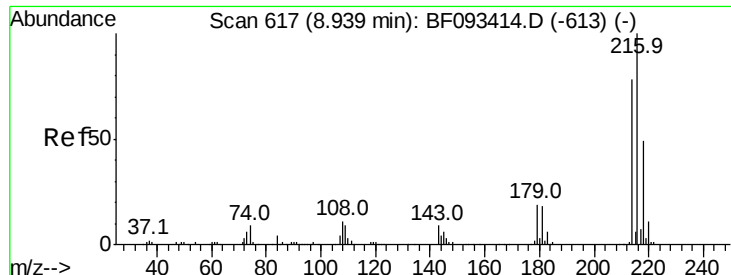
3/13/2017 5:50:34 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	333730		
162	103.4	80.2	120.2	
160	44.1	36.9	55.3	



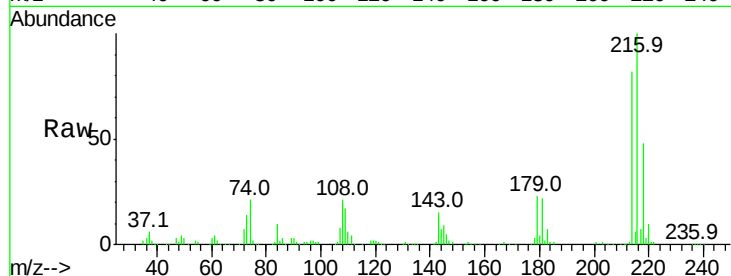


#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.33 ng
RT: 8.90 min Scan# 614
Delta R.T. -0.03 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

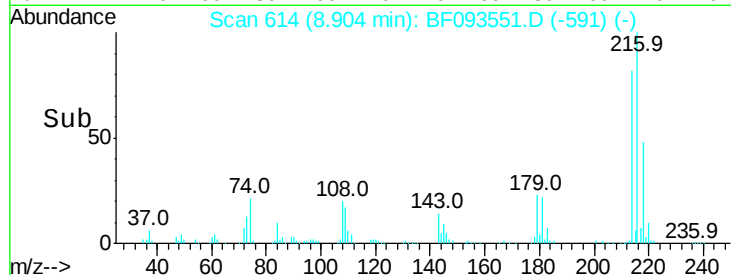
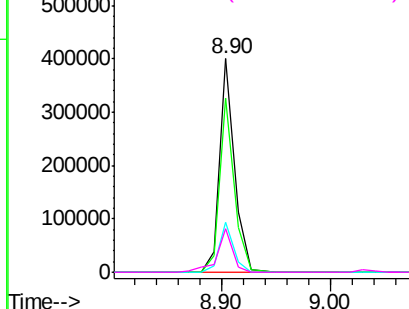
Instrument :
BNA_F
ClientSampleId :
PB97501BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	385741		
214	80.3	63.4	95.0	
179	22.2	17.4	26.2	
108	21.4	15.6	23.4	

Manual Integrations
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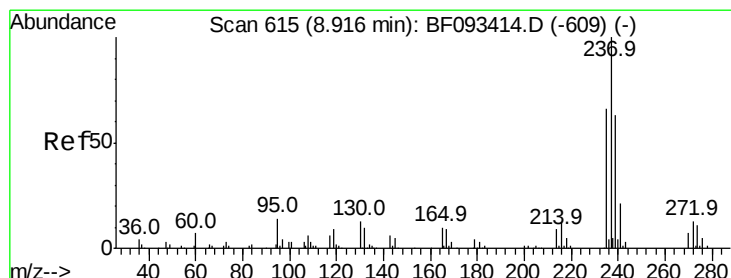


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



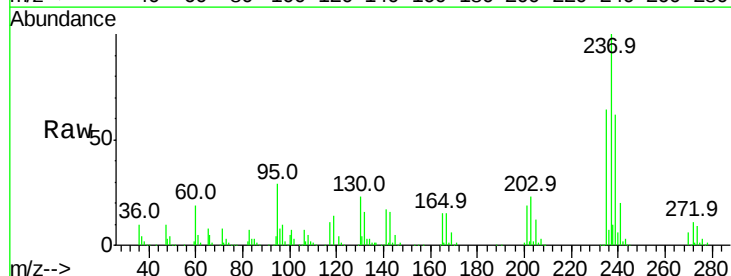
mohammad

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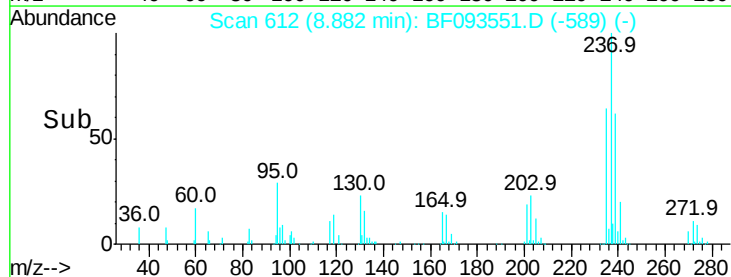
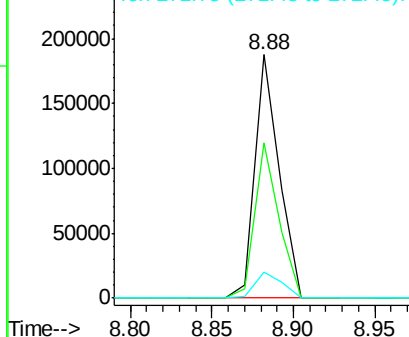


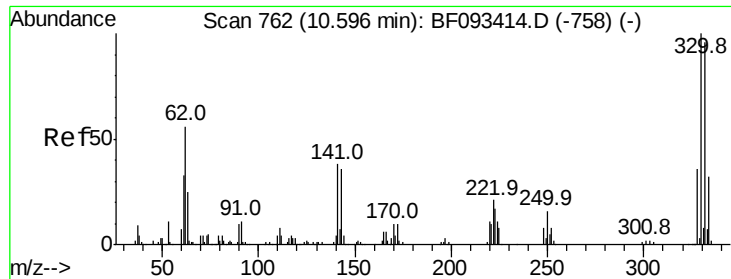
#40
Hexachlorocyclopentadiene
Concen: 83.57 ng
RT: 8.88 min Scan# 612
Delta R.T. -0.03 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	193635		
235	63.6	41.2	81.2	
272	10.6	0.0	35.4	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



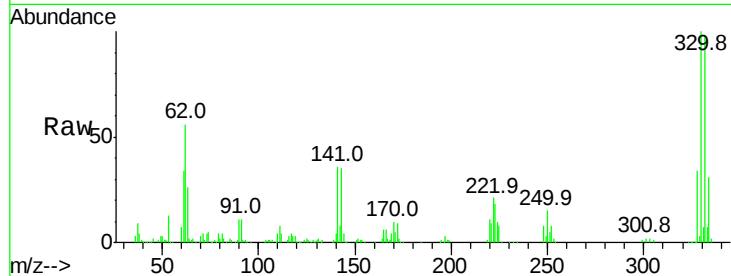


#41
 2,4,6-Tribromophenol
 Concen: 96.47 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

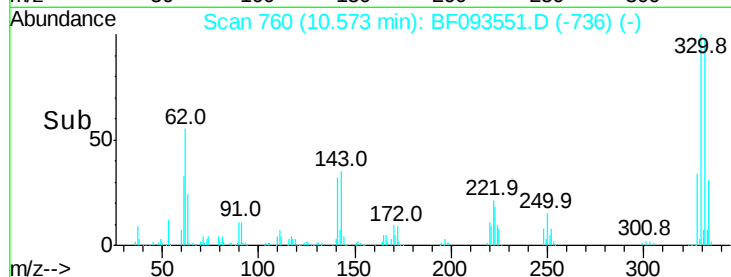
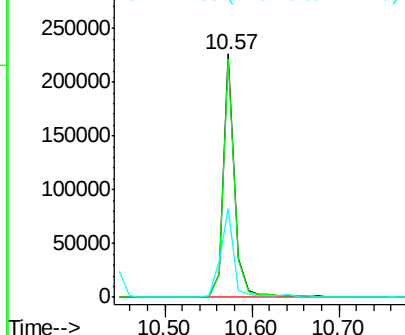
Instrument :
 BNA_F
 ClientSampleId :
 PB97501BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	209760		
332	98.5	77.4	116.2	
141	42.1	34.1	51.1	

Manual Integrations
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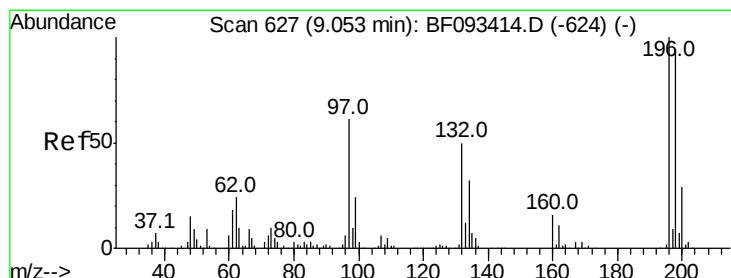


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



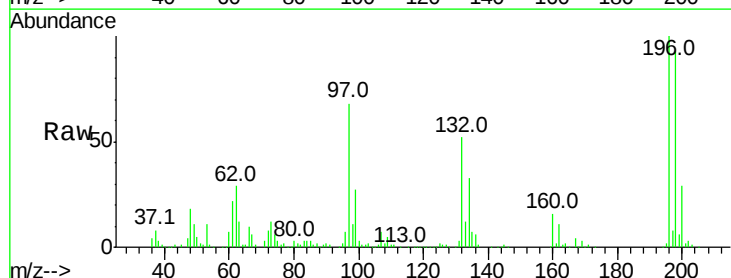
mohammad

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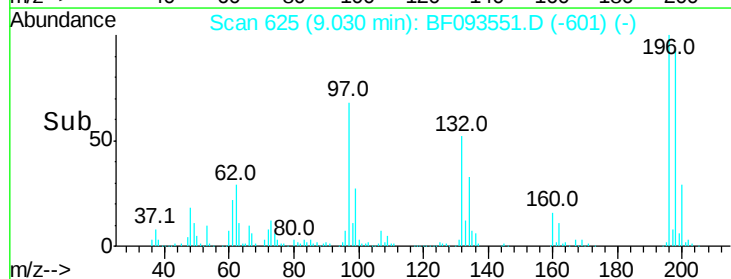
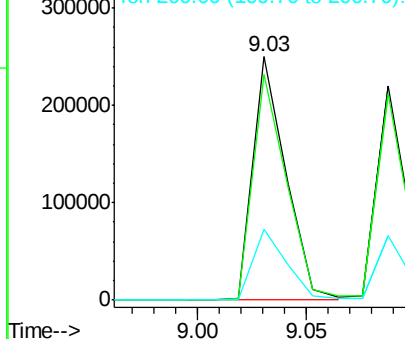


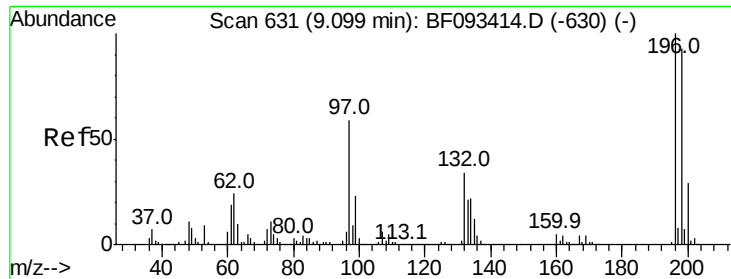
#42
 2,4,6-Trichlorophenol
 Concen: 46.43 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	264333		
198	92.6	82.1	123.1	
200	29.1	27.0	40.4	



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



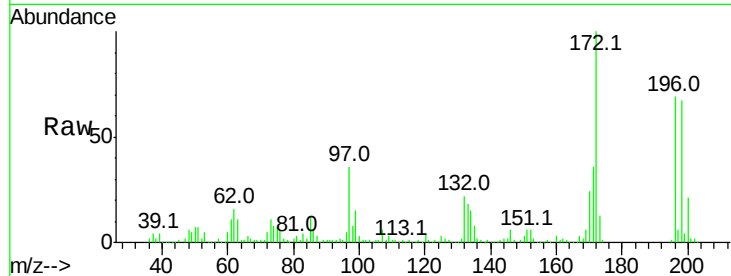


#43
 2,4,5-Trichlorophenol
 Concen: 41.05 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Instrument :
 BNA_F
 ClientSampleId :
 PB97501BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	250795		
198	96.1	79.4	119.2	
97	52.1	51.5	77.3	
132	31.1	27.4	41.2	

Manual Integrations
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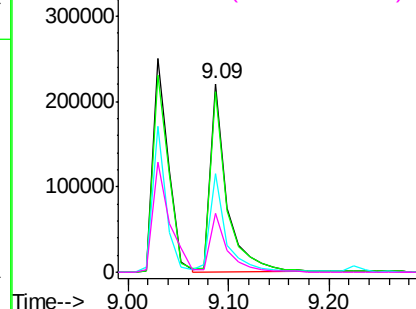
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

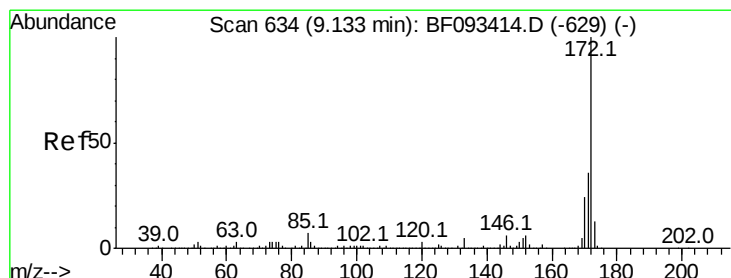
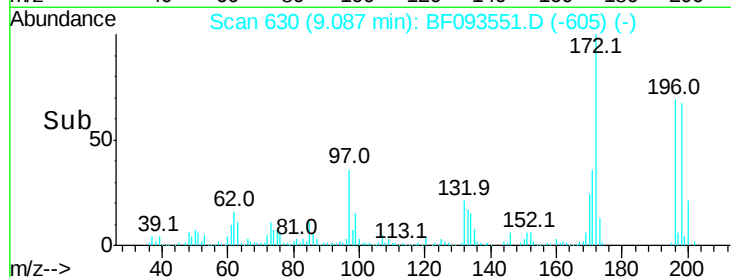
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



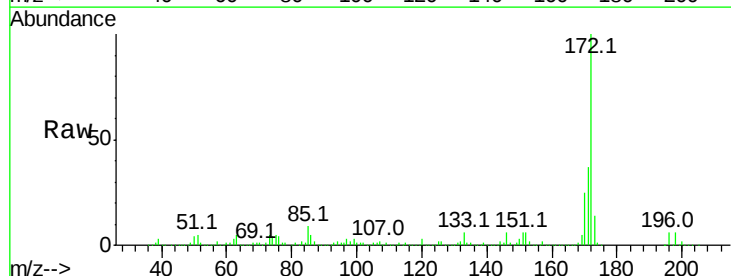
mohammad

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#44
 2-Fluorobiphenyl
 Concen: 87.54 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1570576		
171	36.8	29.4	44.0	
170	25.2	20.2	30.4	

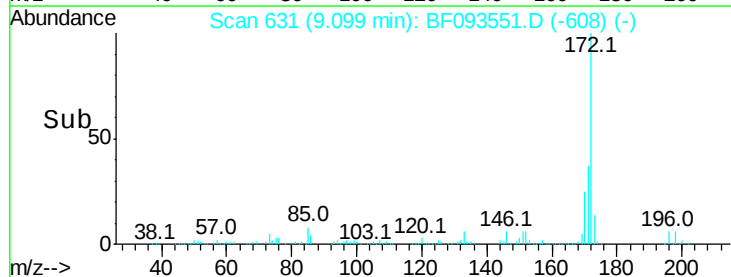
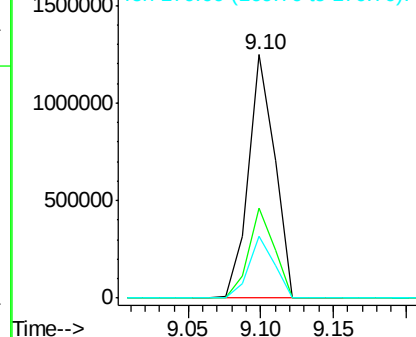


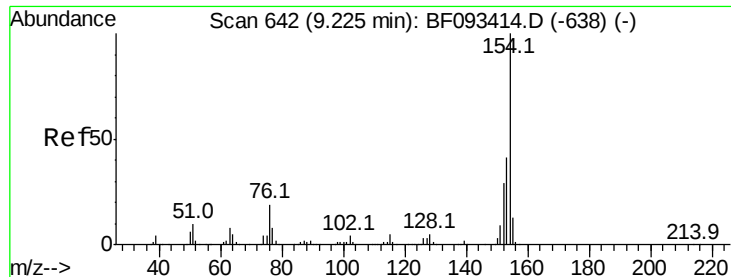
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.22 ng

RT: 9.20 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

PB97501BSD

Tot Ion:154 Resp: 1050785

Ion Ratio Lower Upper

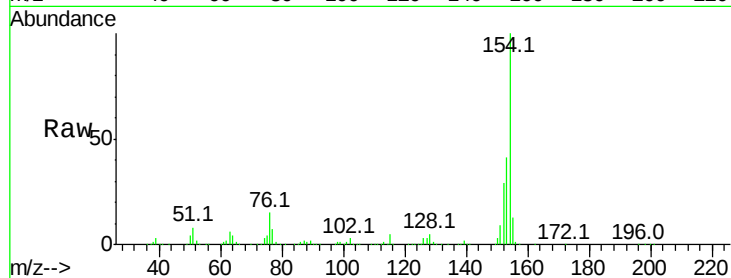
154 100

153 40.7 20.9 60.9

76 15.4 0.0 30.5

Manual Integrations

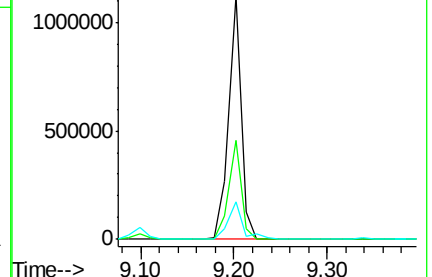
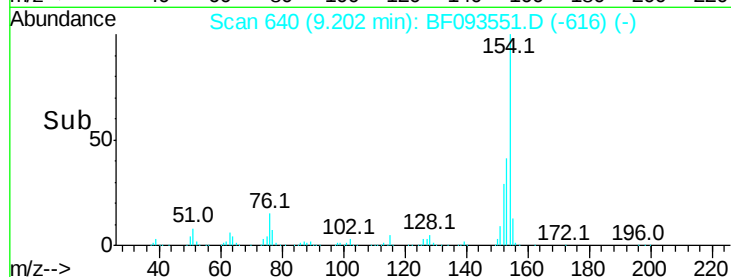
APPROVED



Abundance Ion 154.00 (153.70 to 154.70): E

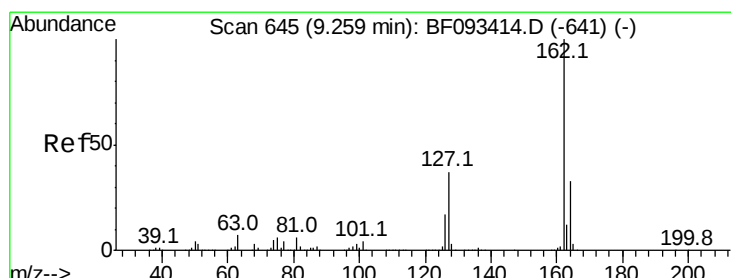
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



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#46

2-Chloronaphthalene

Concen: 44.74 ng

RT: 9.22 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

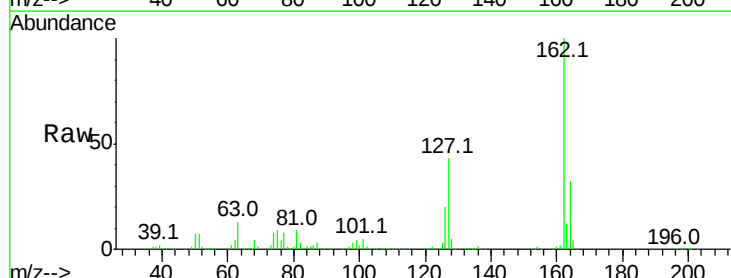
Tgt Ion:162 Resp: 832628

Ion Ratio Lower Upper

162 100

127 42.6 30.7 46.1

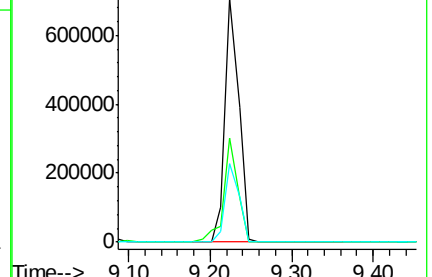
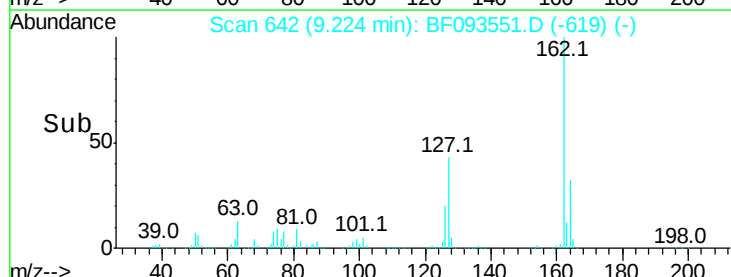
164 32.0 27.6 41.4

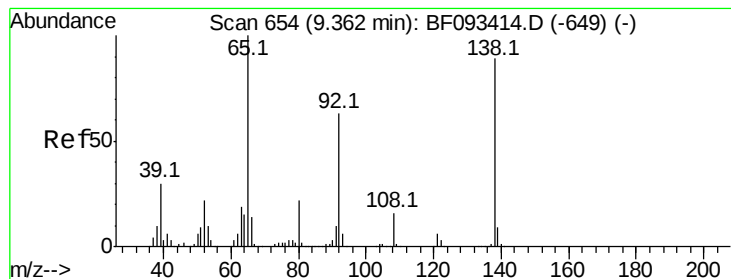


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.82 ng

RT: 9.34 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleID :

PB97501BSD

Tot Ion: 65 Resp: 294874

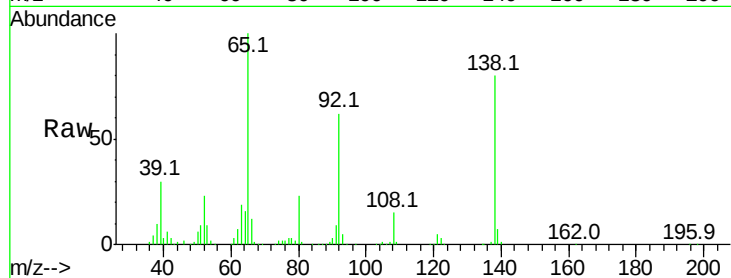
Ion Ratio Lower Upper

65 100

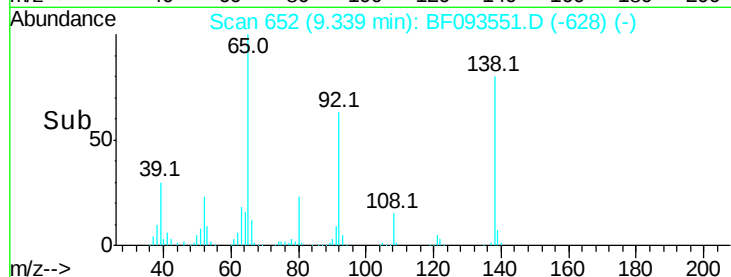
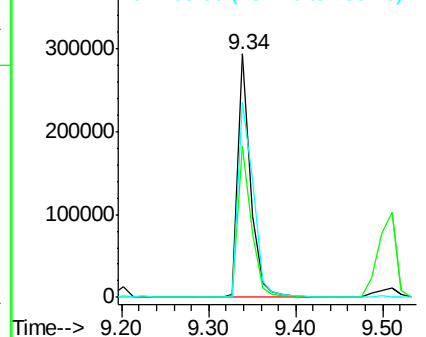
92 62.4 53.9 80.9

138 80.3 76.8 115.2

Manual Integrations
APPROVED

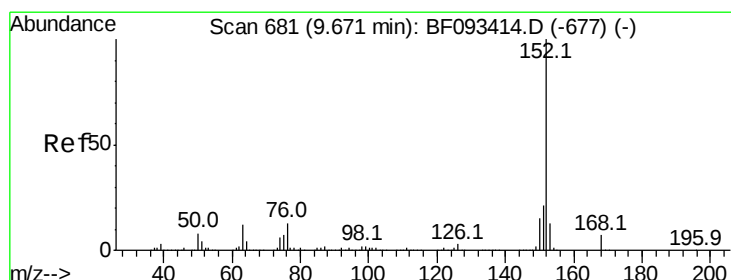


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



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#48

Acenaphthylene

Concen: 40.51 ng

RT: 9.64 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

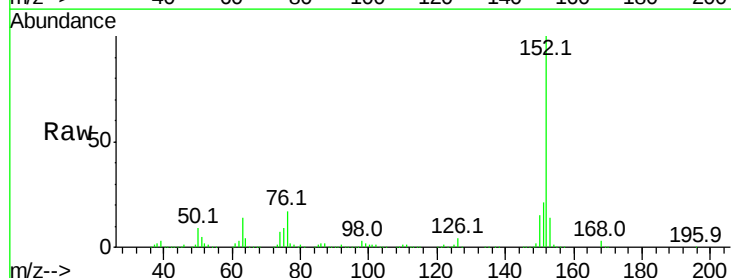
Tgt Ion: 152 Resp: 1243411

Ion Ratio Lower Upper

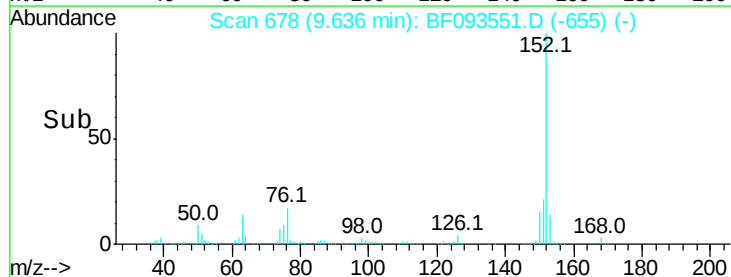
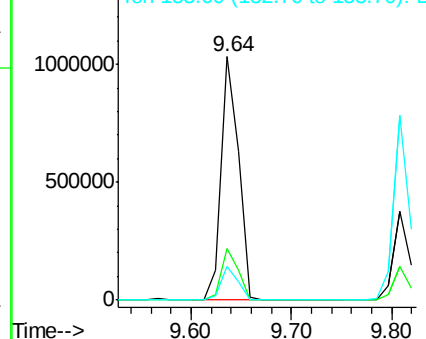
152 100

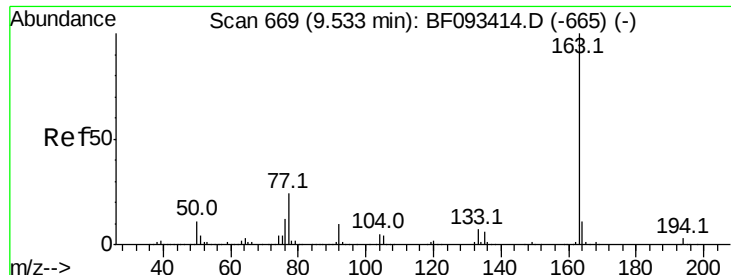
151 21.0 16.9 25.3

153 13.7 11.4 17.2



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



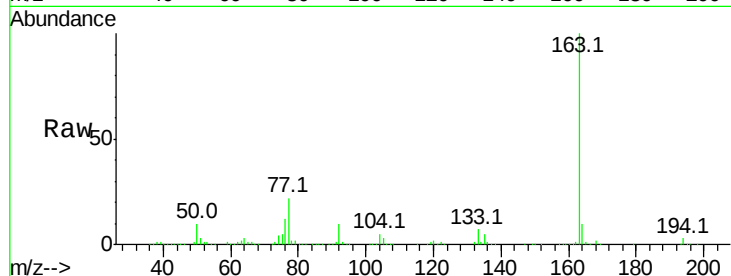


#49
Dimethylphthalate
Concen: 45.33 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

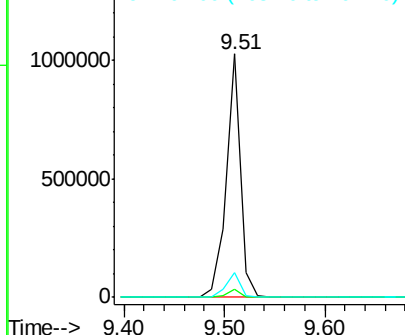
Instrument :
BNA_F
ClientSampleId :
PB97501BSD

Tot Ion:163 Resp: 1002874
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.4 8.0 12.0

Manual Integrations
APPROVED

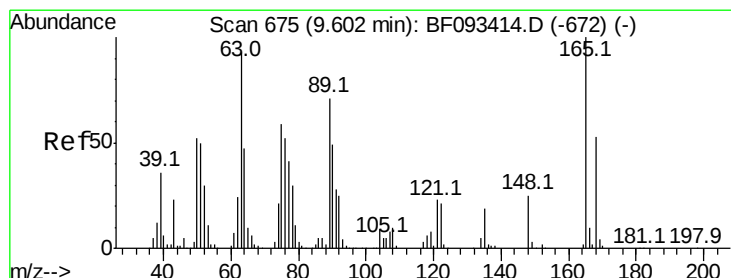
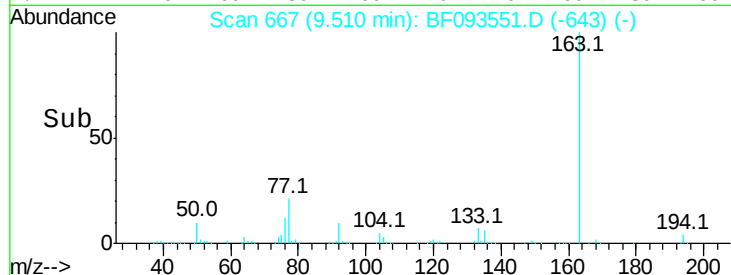


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



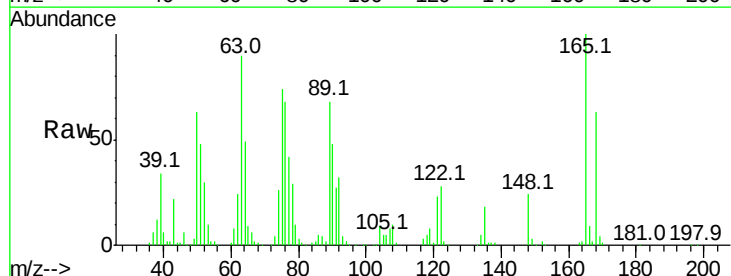
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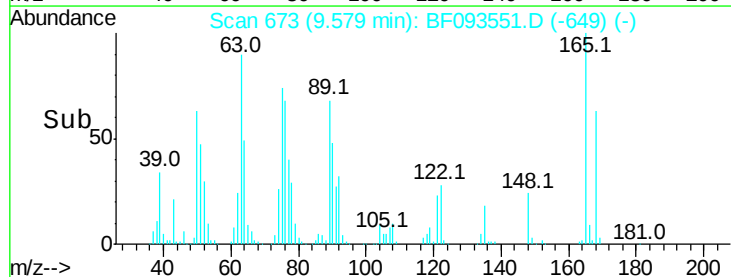
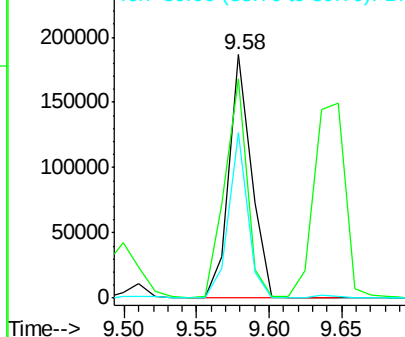


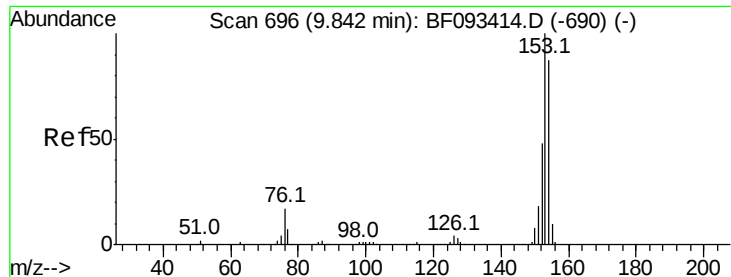
#50
2,6-Dinitrotoluene
Concen: 41.47 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion:165 Resp: 201352
Ion Ratio Lower Upper
165 100
63 90.3 36.2 54.4#
89 68.0 40.2 60.4#



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: 40.94 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

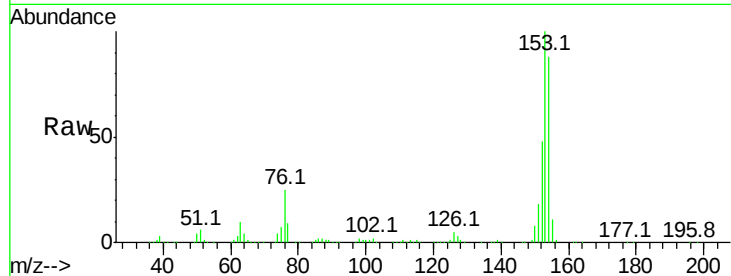
BNA_F

ClientSampleId :

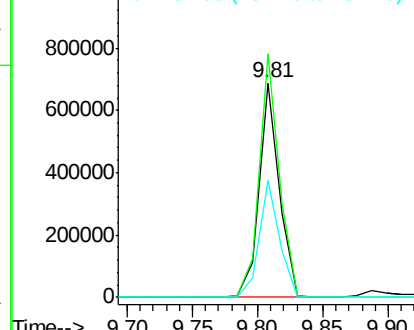
PB97501BSD

Tot Ion:	154	Resp:	742972
Ion Ratio	Lower	Upper	
154	100		
153	113.5	88.6	133.0
152	54.7	41.6	62.4

Manual Integrations
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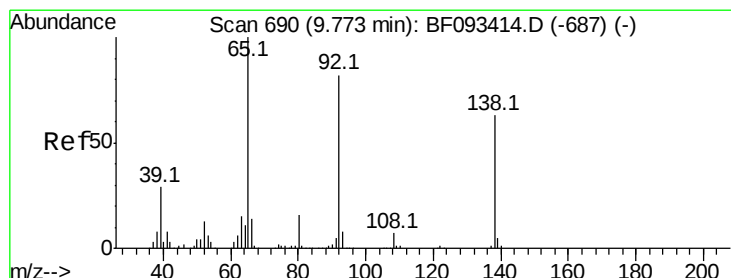
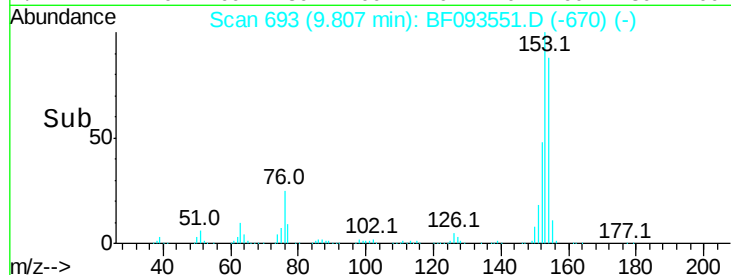


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



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#52

3-Nitroaniline

Concen: 4.94 ng

RT: 9.76 min Scan# 689

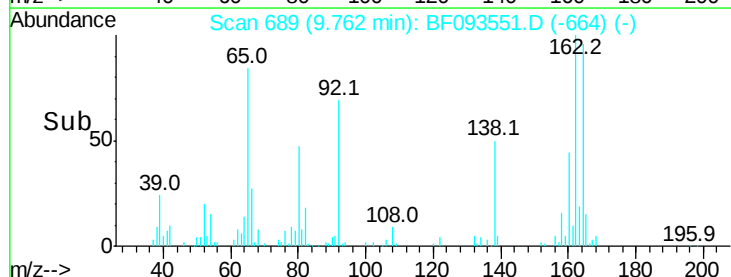
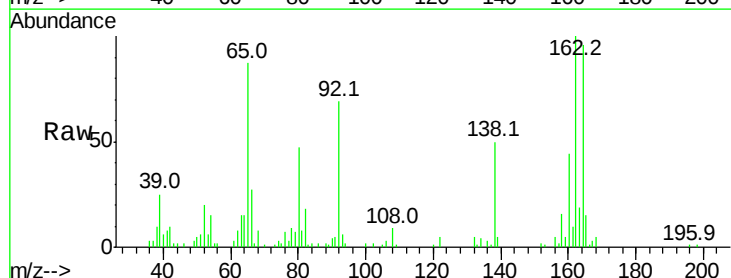
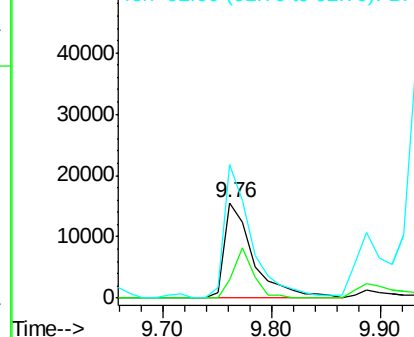
Delta R.T. -0.01 min

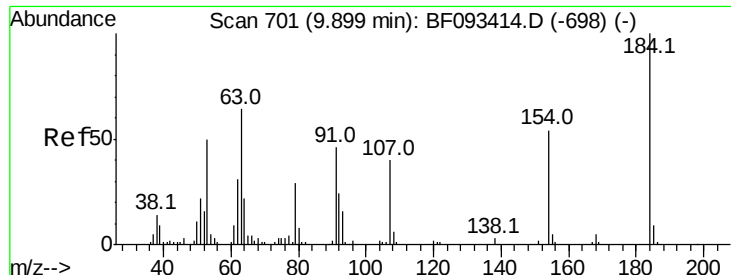
Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Tgt Ion:	138	Resp:	28816
Ion Ratio	Lower	Upper	
138	100		
108	18.8	8.5	12.7#
92	139.2	97.8	146.8

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



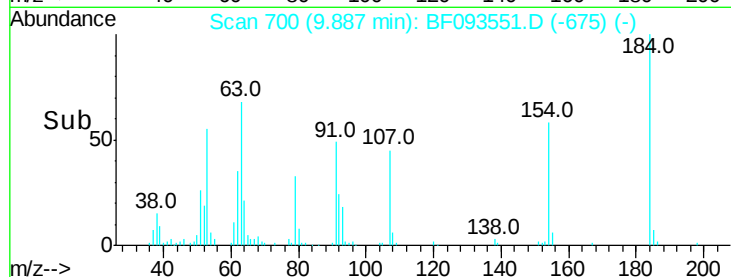
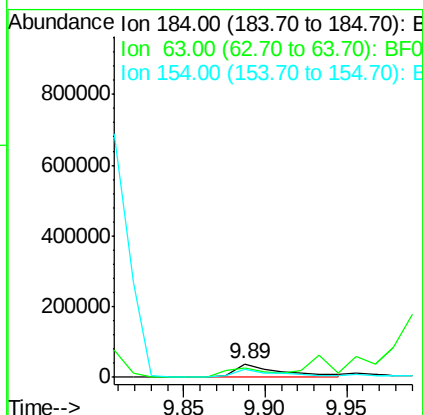
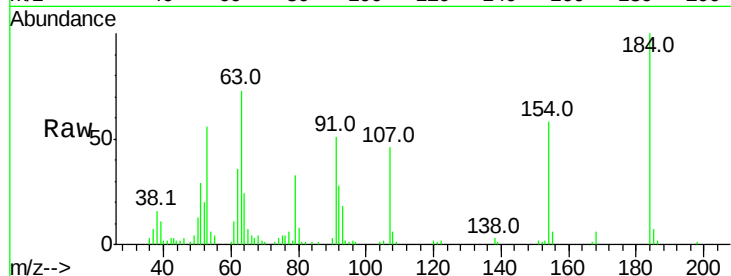


#53
 2,4-Dinitrophenol
 Concen: 35.20 ng
 RT: 9.89 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Instrument :
 BNA_F
 ClientSampled :
 PB97501BSD

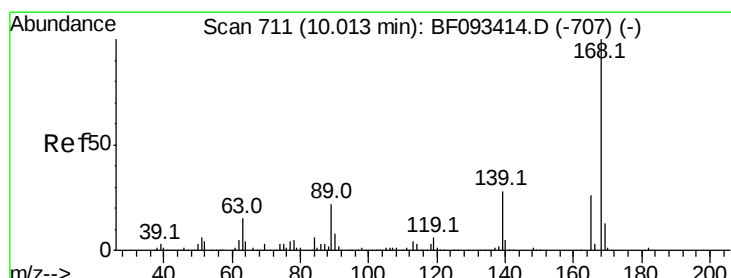
Tot Ion	Ratio	Lower	Upper
184	100		
63	73.0	28.4	42.6#
154	58.5	44.3	66.5

Manual Integrations
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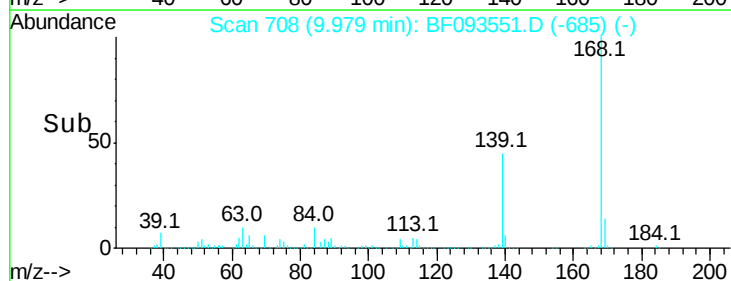
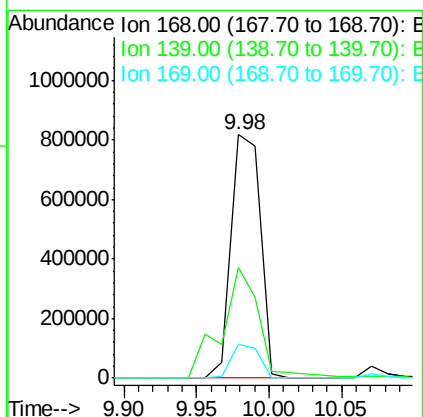
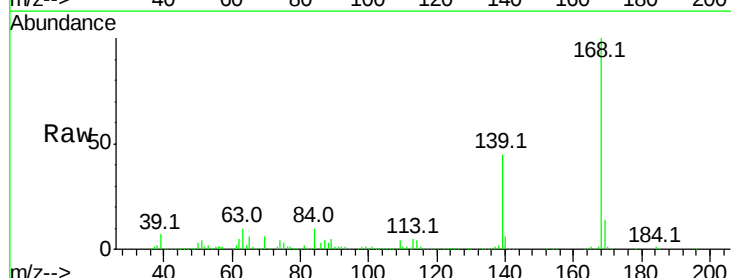
mohammad

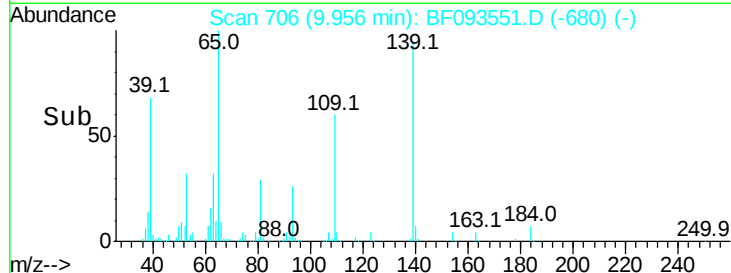
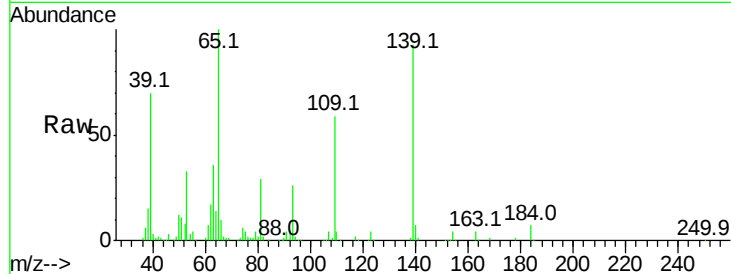
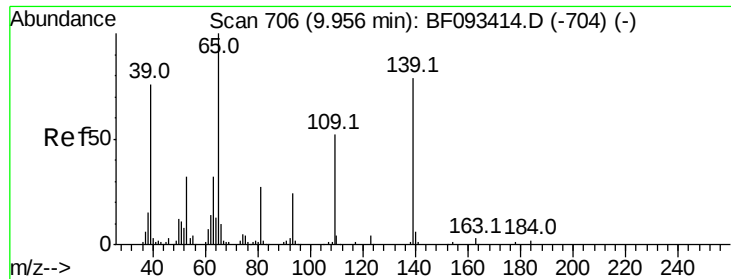
3/13/2017 5:50:34 PM



#54
 Dibenzofuran
 Concen: 50.33 ng
 RT: 9.98 min Scan# 708
 Delta R.T. -0.03 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.4	32.6	49.0
169	13.9	11.3	16.9



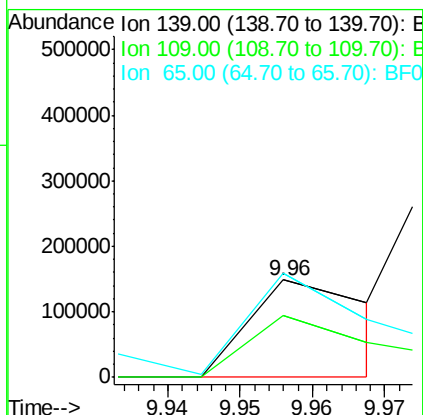


#55
4-Nitrophenol
Concen: 63.41 ng/mL
RT: 9.96 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.7	52.2	92.2	
65	107.3	85.8	125.8	

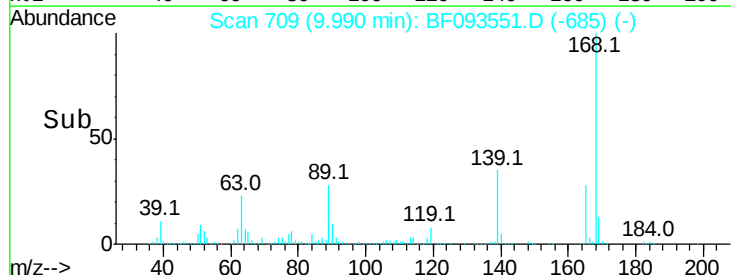
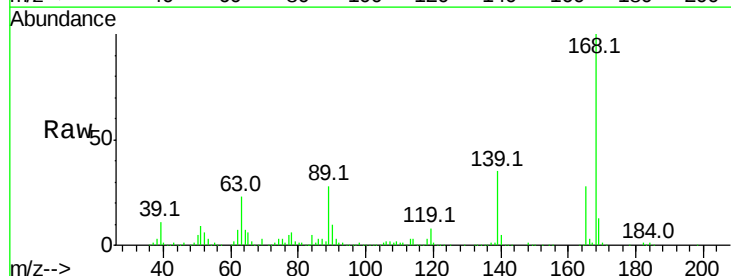
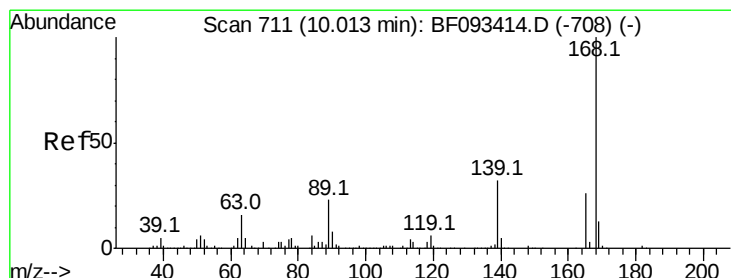
Instrument :
BNA_F
ClientSampleId :
PB97501BSD

Manual Integrations
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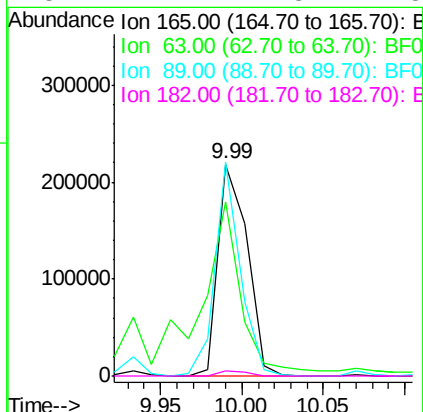
mohammad

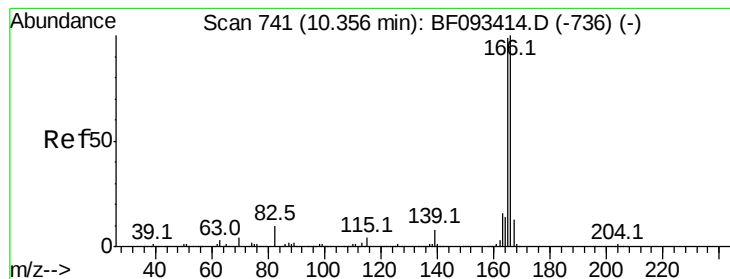
3/13/2017 5:50:34 PM



#56
2,4-Dinitrotoluene
Concen: 45.33 ng/mL
RT: 9.99 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	82.1	40.2	60.4#	
89	100.9	62.5	93.7#	
182	2.2	1.8	2.8	





#57

Fluorene

Concen: 45.22 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

PB97501BSD

Tot Ion:166 Resp: 870505

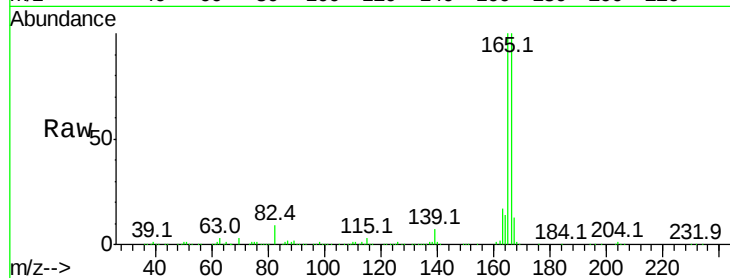
Ion Ratio Lower Upper

166 100

165 100.1 77.8 116.8

167 12.9 10.8 16.2

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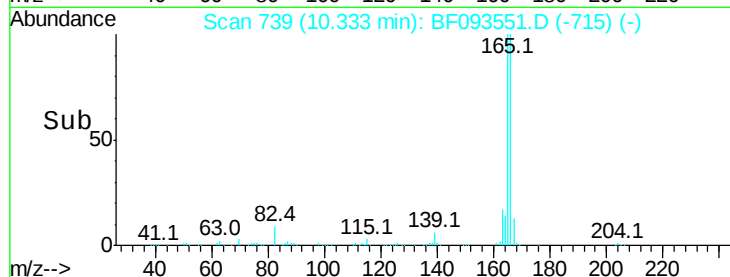


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

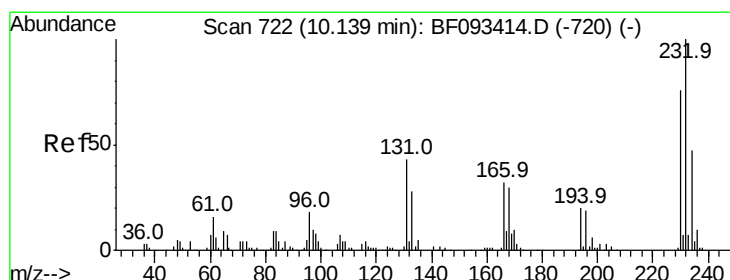
10.33



Time-->

mohammad

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#58

2,3,4,6-Tetrachlorophenol

Concen: 51.47 ng

RT: 10.12 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Tgt Ion:232 Resp: 221925

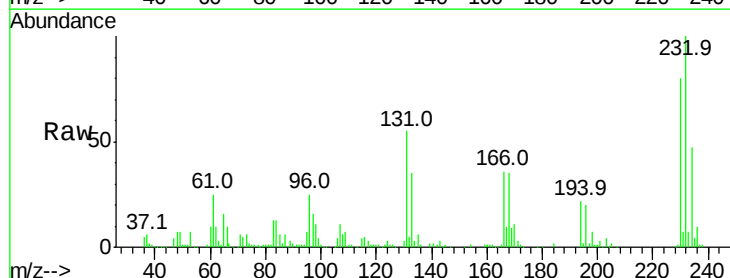
Ion Ratio Lower Upper

232 100

131 48.1 40.1 60.1

130 2.4 1.8 2.8

166 31.1 26.6 39.8



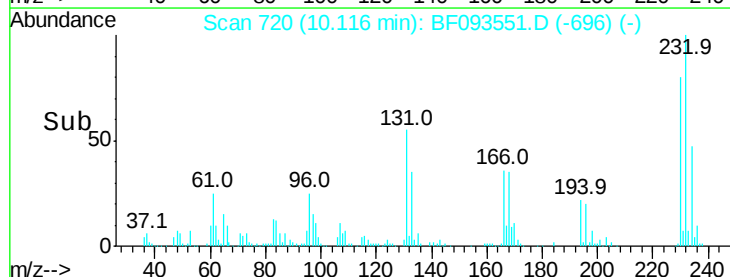
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

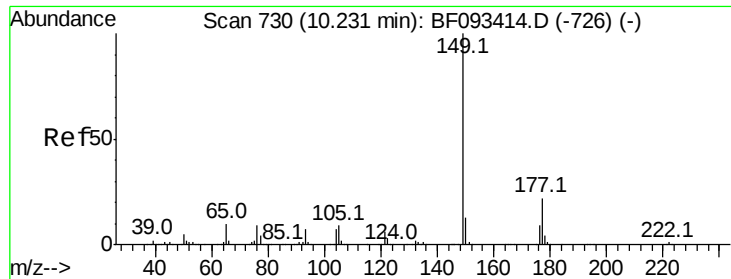
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

10.12



Time-->

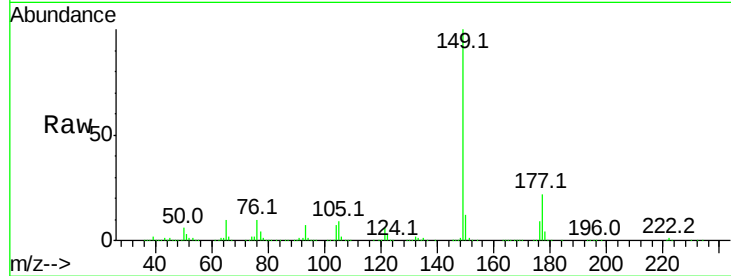


#59
Diethylphthalate
Concen: 47.57 ng
RT: 10.21 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

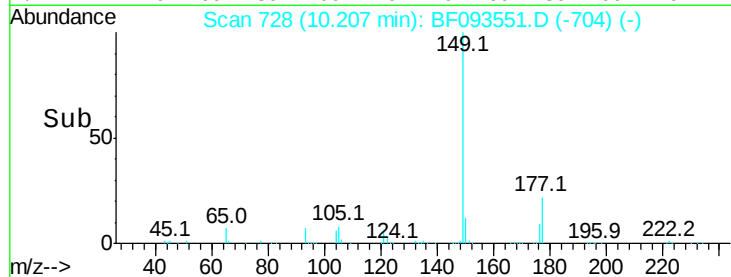
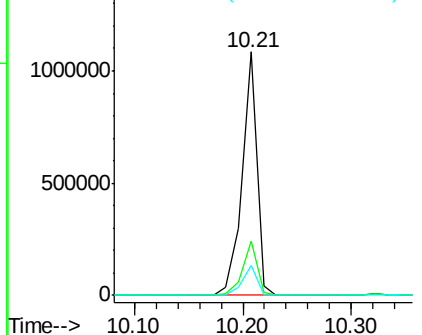
Instrument :
BNA_F
ClientSampleId :
PB97501BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.6	25.0
150	12.4	10.4	15.6

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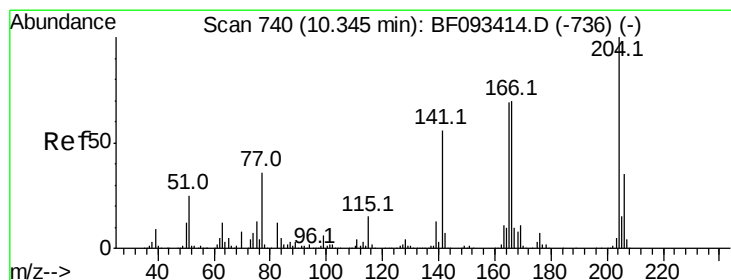


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



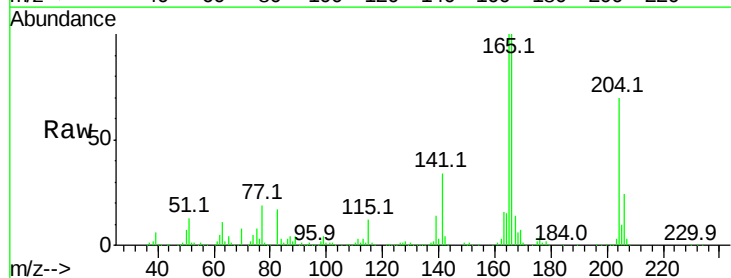
mohammad

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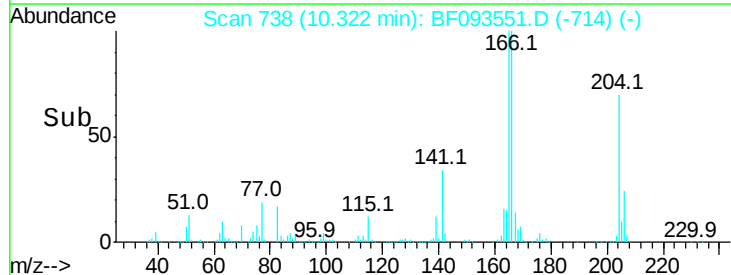
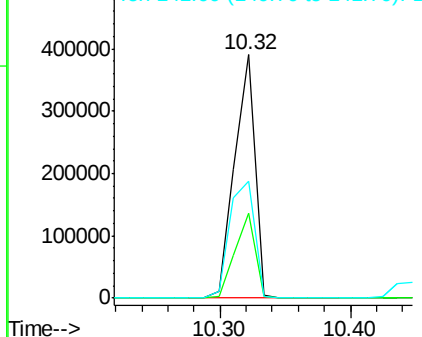


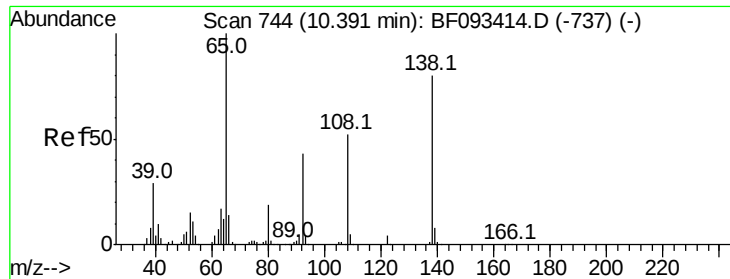
#60
4-Chlorophenyl-phenylether
Concen: 48.88 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	25.8	38.6
141	48.2	59.4	89.0#



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



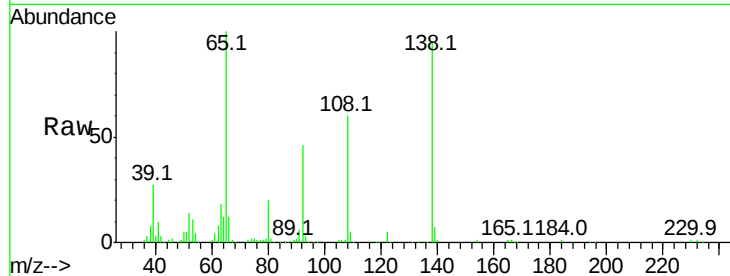


#61
4-Nitroaniline
Concen: 31.08 ng
RT: 10.38 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

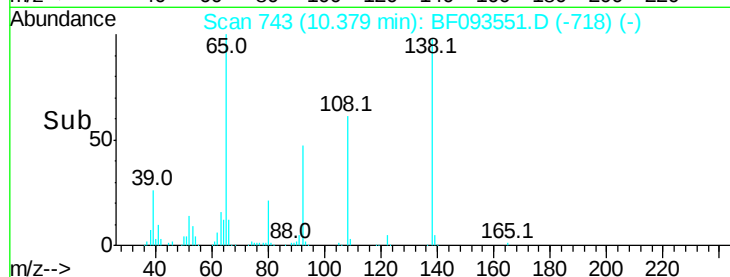
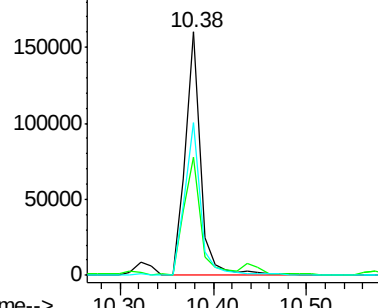
Instrument :
BNA_F
ClientSampleId :
PB97501BSD

Tot Ion:138 Resp: 185404
Ion Ratio Lower Upper
138 100
92 48.5 31.7 71.7
108 62.7 52.6 92.6

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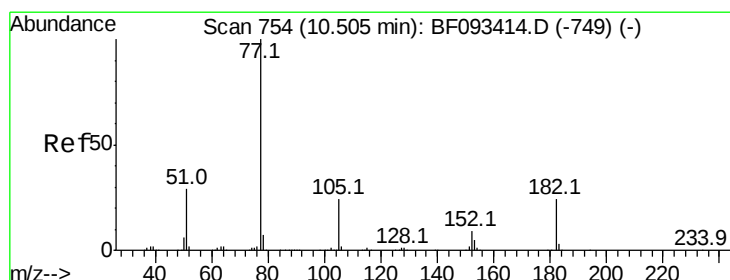


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



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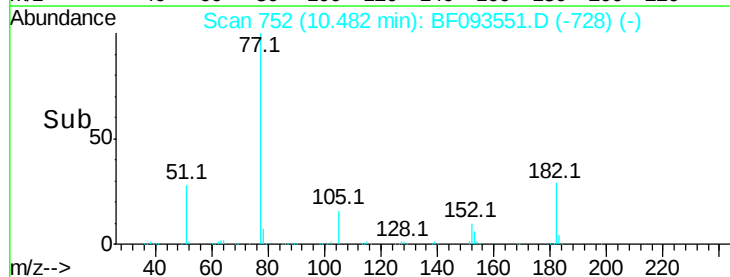
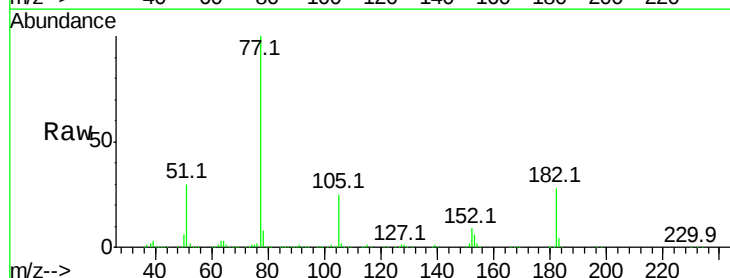
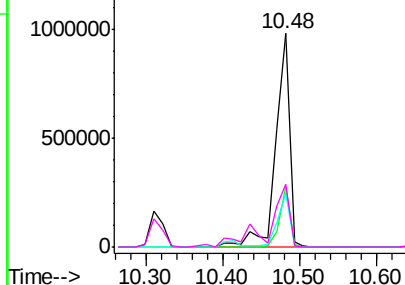
3/13/2017 5:50:34 PM

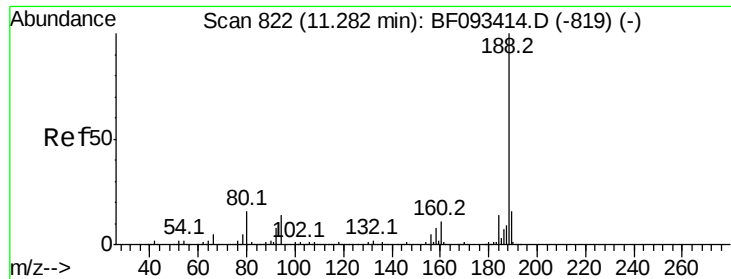


#62
Azobenzene
Concen: 49.85 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion: 77 Resp: 1197856
Ion Ratio Lower Upper
77 100
182 28.0 0.0 39.3
105 25.2 2.3 42.3
51 29.6 8.9 48.9

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0



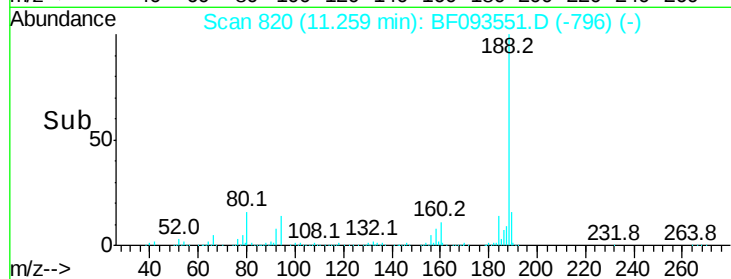
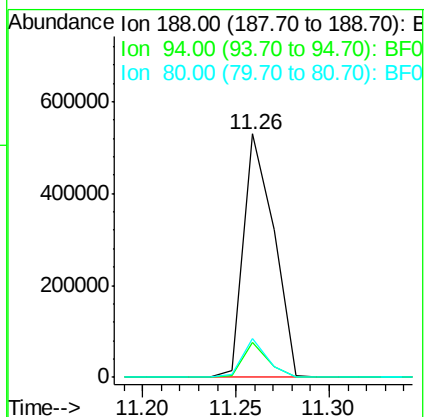
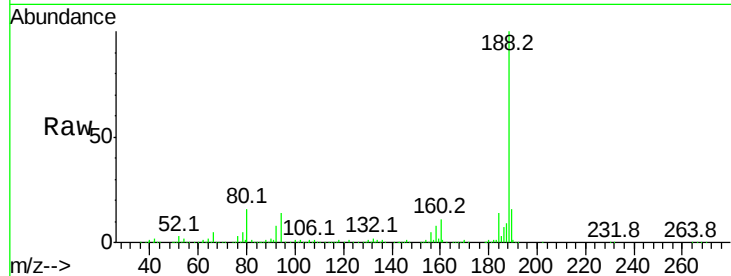


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Instrument :
BNA_F
ClientSampleId :
PB97501BSD

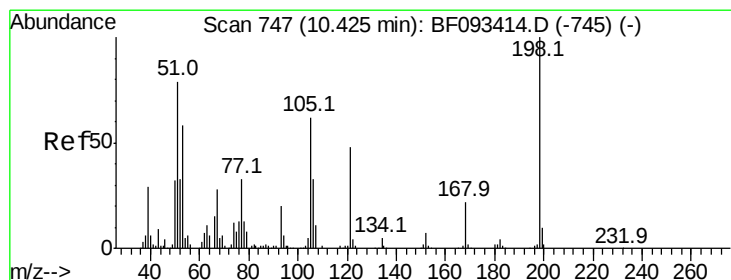
Tot Ion	Ratio	Resp	Lower	Upper
188	100	599296		
94	14.4		10.0	15.0
80	16.1		11.2	16.8

Manual Integrations
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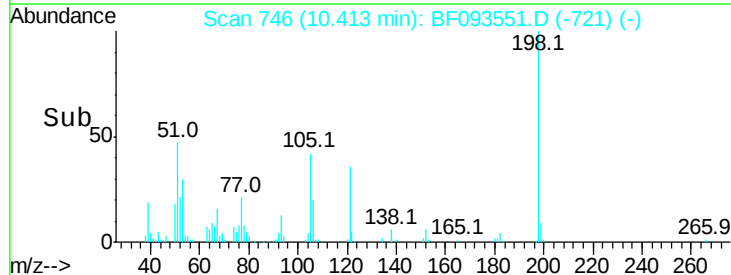
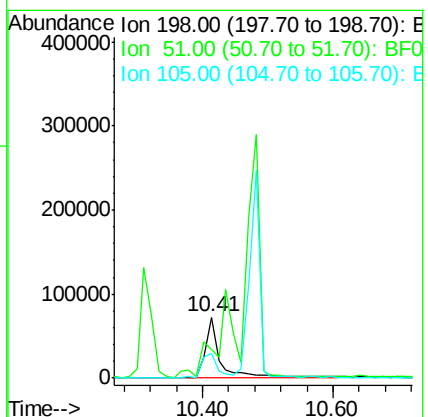
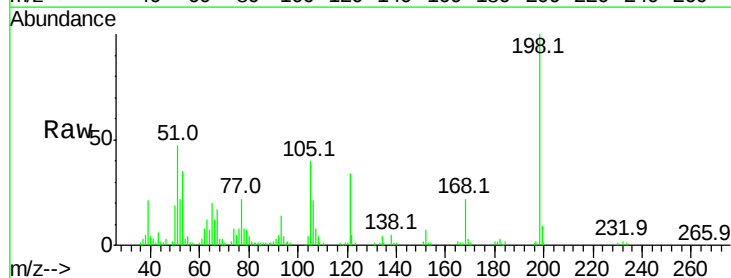
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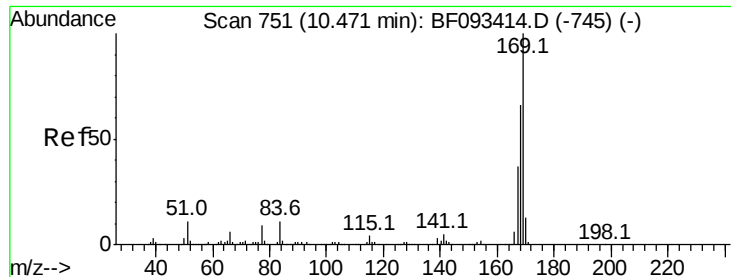
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#64
4,6-Dinitro-2-methylphenol
Concen: 30.63 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	118944		
51	46.7		6.7	46.7
105	40.1		16.6	56.6



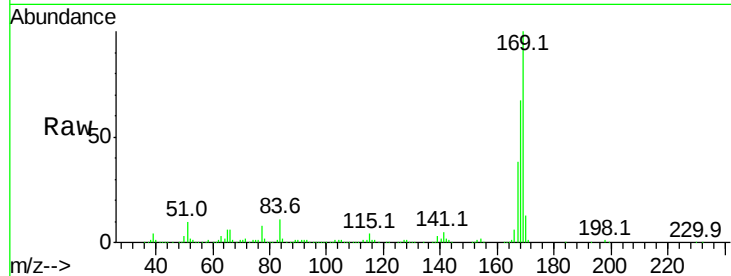


#65
n-Nitrosodiphenylamine
Concen: 34.74 ng
RT: 10.45 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

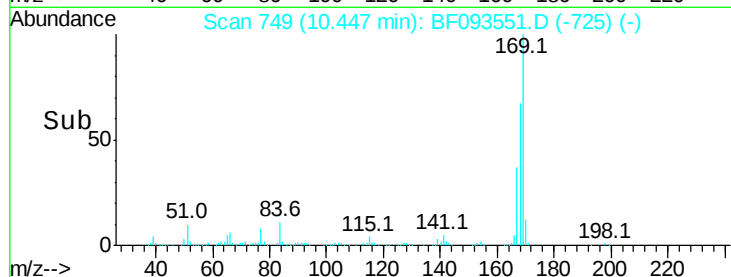
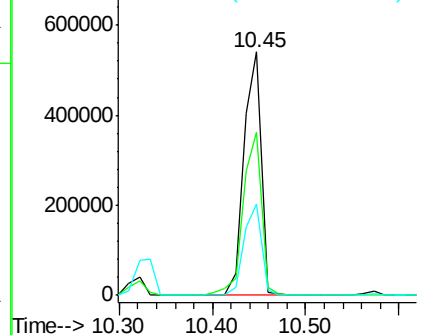
Instrument :
BNA_F
ClientSampleId :
PB97501BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	695275		
168	67.1		54.2	81.2
167	37.6		30.2	45.4

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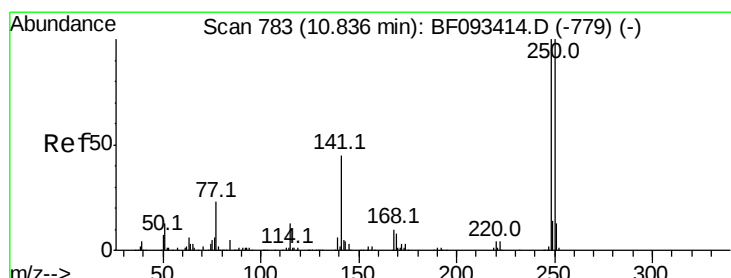


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



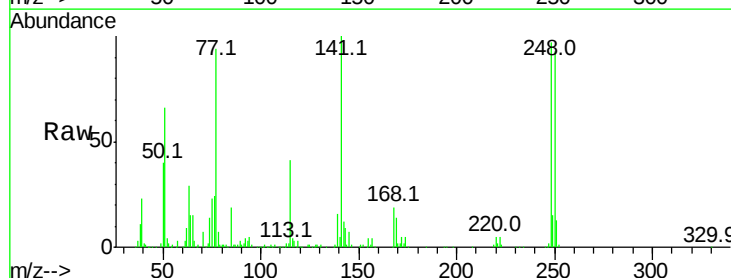
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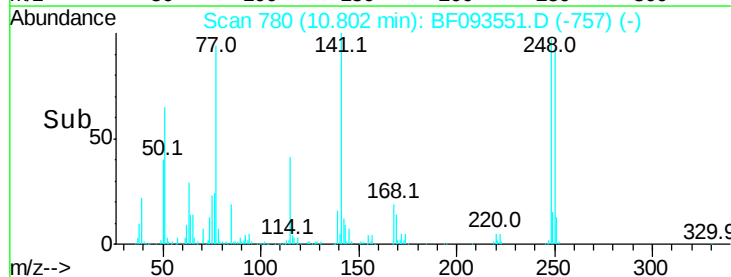
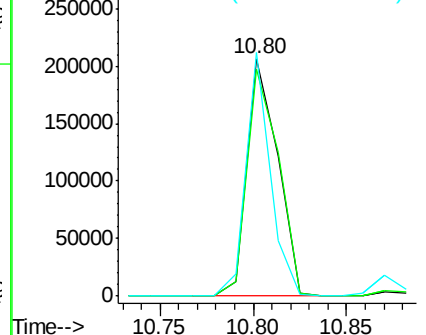


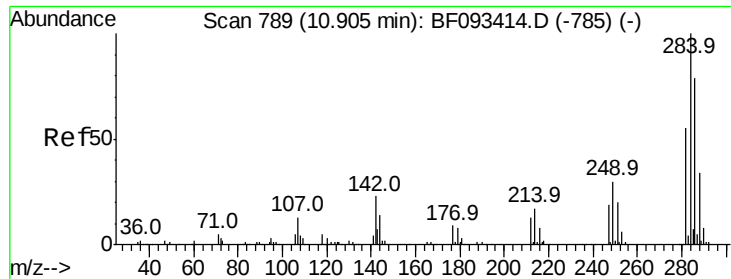
#66
4-Bromophenyl-phenylether
Concen: 37.23 ng
RT: 10.80 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	235959		
250	95.7		76.9	115.3
141	102.6		68.2	102.4#



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



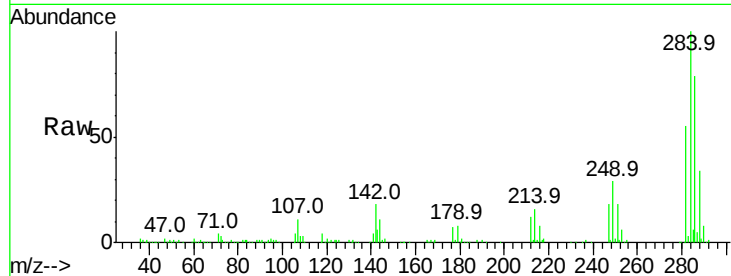


#67
Hexachlorobenzene
Concen: 39.71 ng
RT: 10.88 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

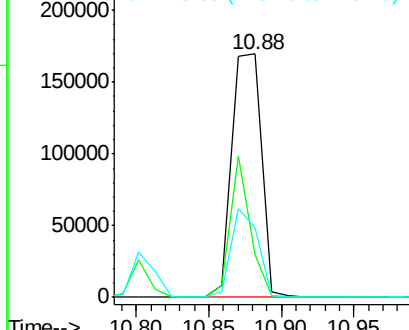
Instrument :
BNA_F
ClientSampleId :
PB97501BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	240312		
142	17.7	22.6	33.8#	
249	28.7	25.4	38.0	

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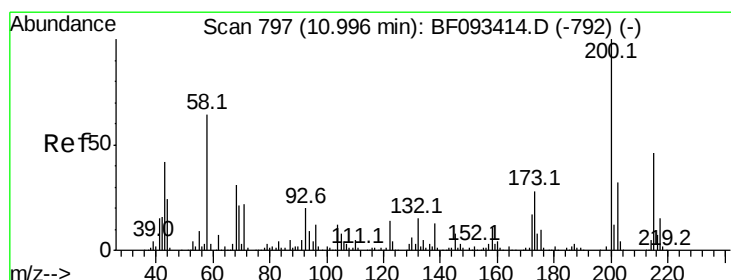
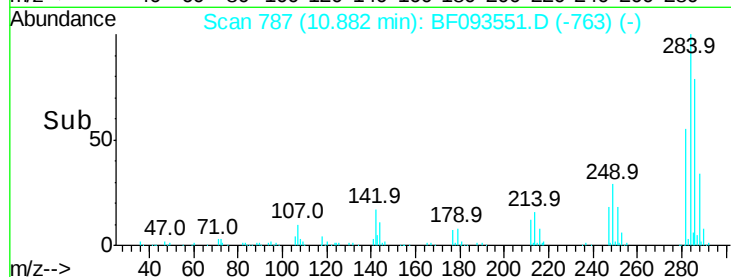


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



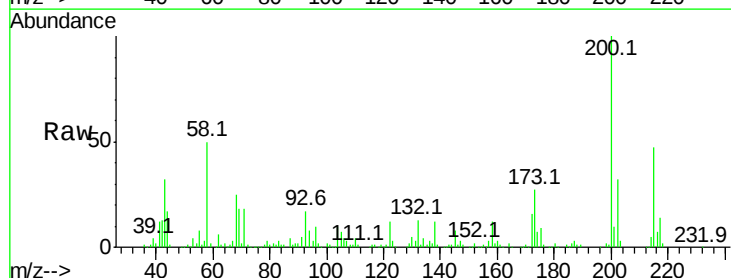
mohammad

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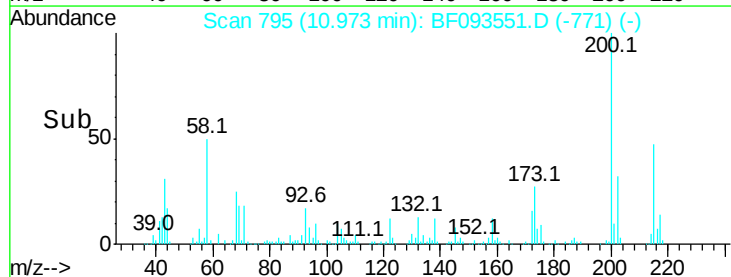
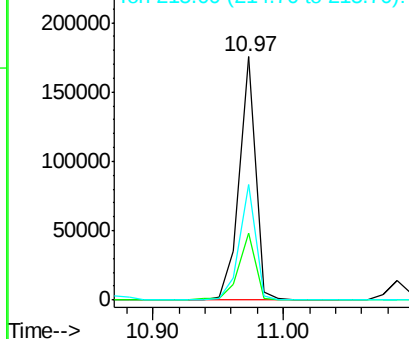


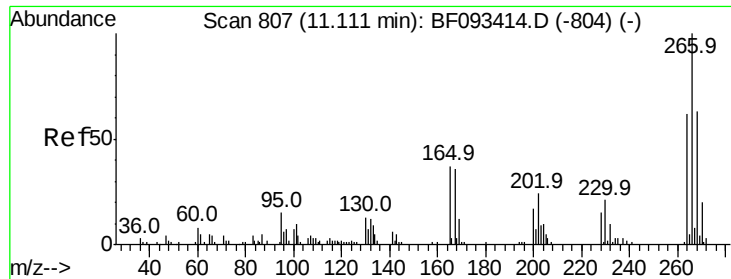
#68
Atrazine
Concen: 25.71 ng
RT: 10.97 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	150576		
173	27.4	9.6	49.6	
215	47.3	25.7	65.7	



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



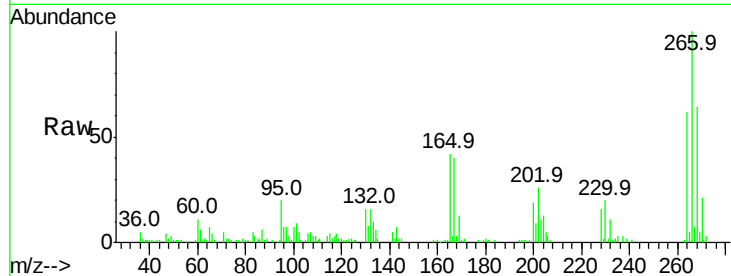


#69
 Pentachlorophenol
 Concen: 48.06 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

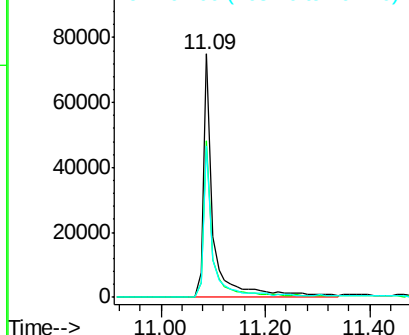
Instrument :
 BNA_F
 ClientSampleId :
 PB97501BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	100419		
268	64.4		53.3	79.9
264	62.4		50.3	75.5

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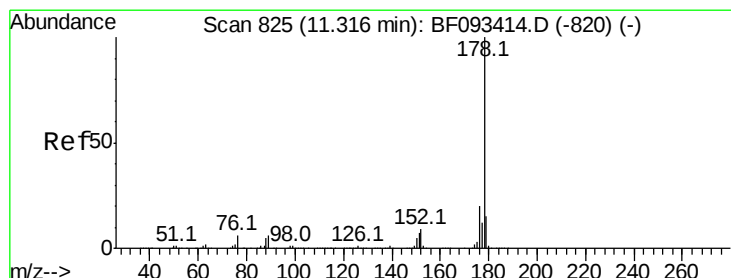
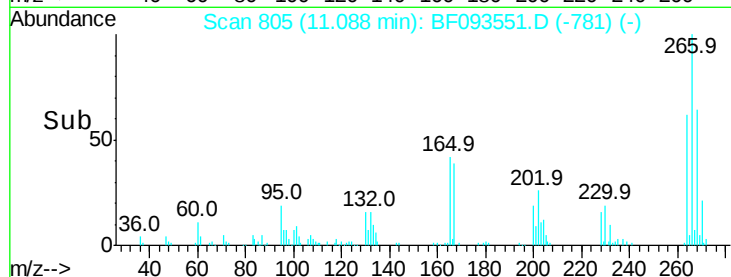


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E



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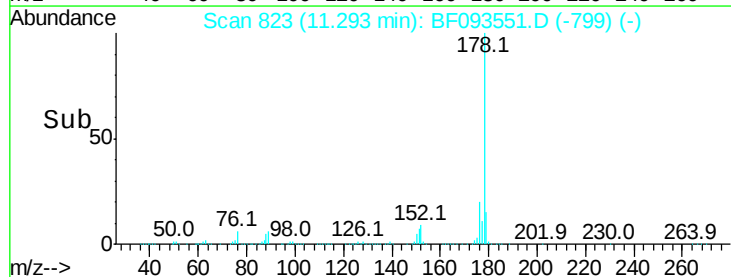
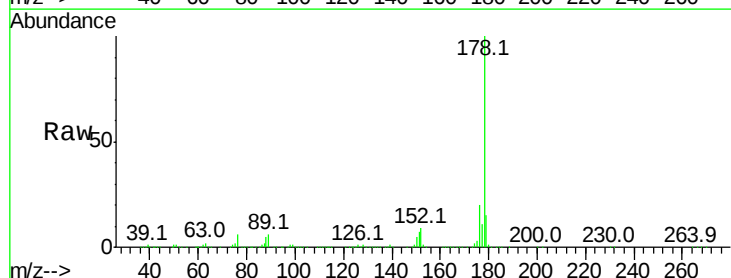
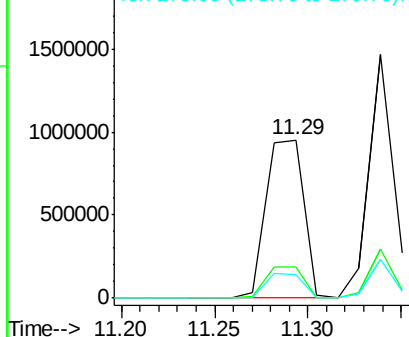
3/13/2017 5:50:34 PM

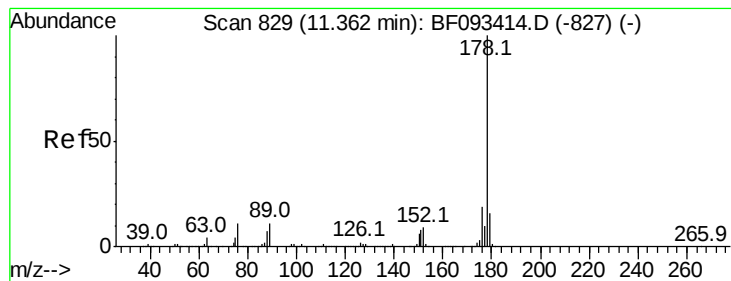


#70
 Phenanthrene
 Concen: 38.98 ng
 RT: 11.29 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF093551.D
 Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1333447		
176	19.7		16.6	25.0
179	14.8		12.8	19.2

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: 38.82 ng

RT: 11.34 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

PB97501BSD

Tot Ion:178 Resp: 1343276

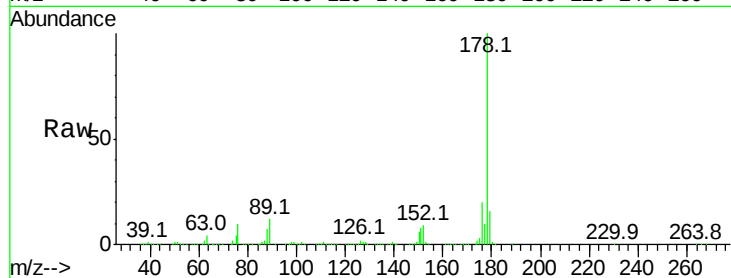
Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

179 16.0 13.2 19.8

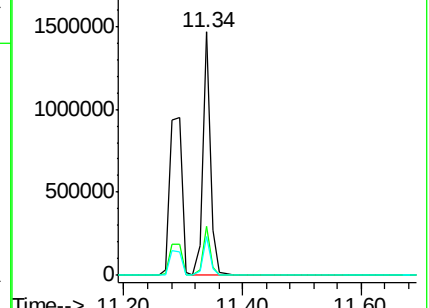
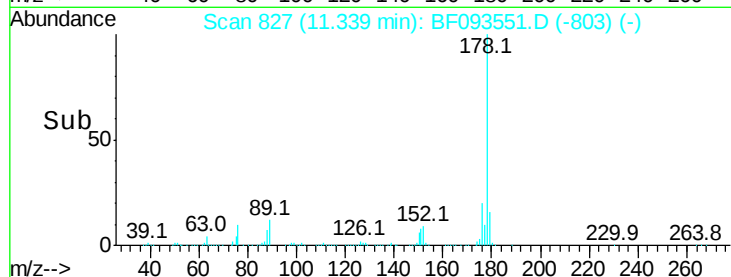
Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E

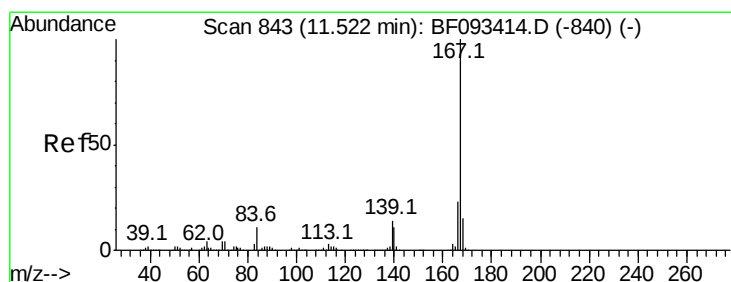
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



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#72

Carbazole

Concen: 31.49 ng

RT: 11.50 min Scan# 841

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

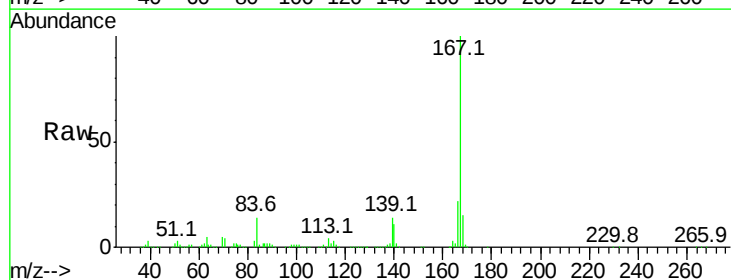
Tgt Ion:167 Resp: 1023576

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

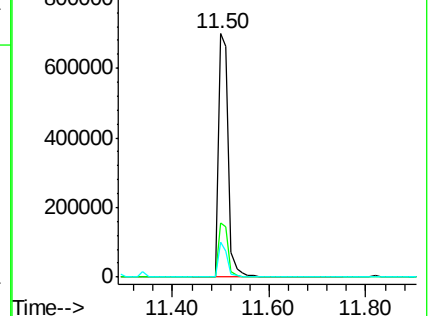
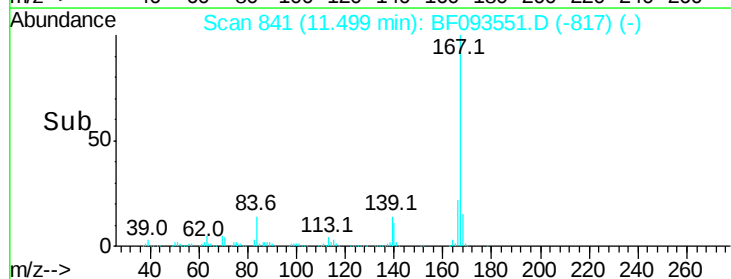
139 14.3 11.4 17.2

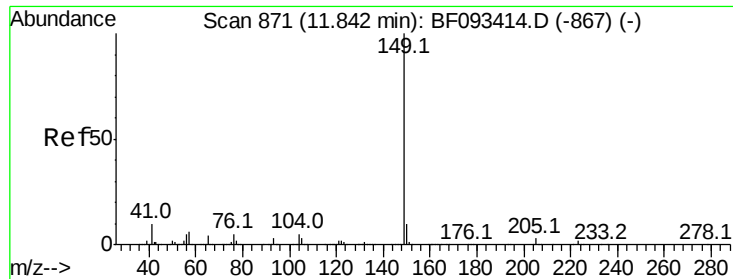


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.81 ng

RT: 11.82 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

PB97501BSD

Tot Ion:149 Resp: 1534919

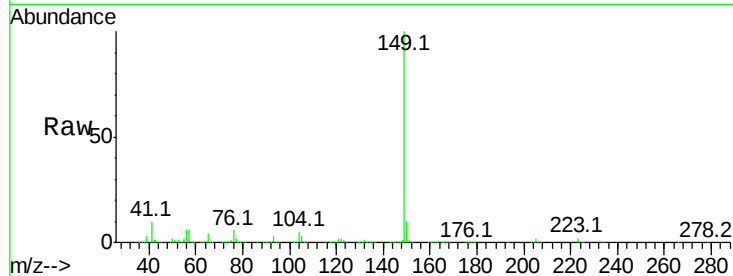
Ion Ratio Lower Upper

149 100

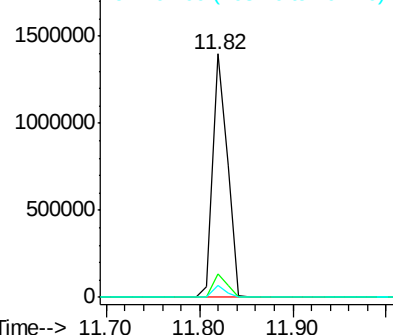
150 9.7 8.1 12.1

104 5.0 4.6 7.0

Manual Integrations
APPROVED

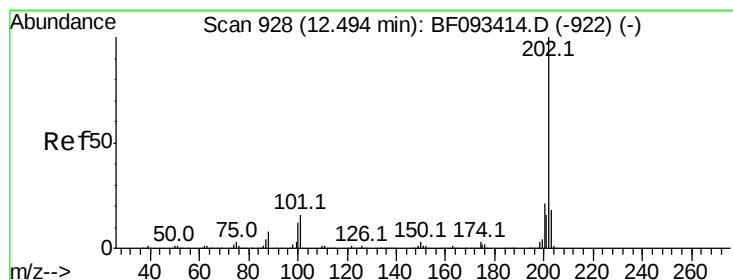
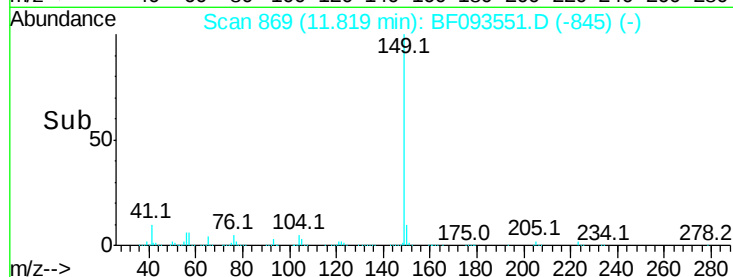


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



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#74

Fluoranthene

Concen: 40.82 ng

RT: 12.47 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

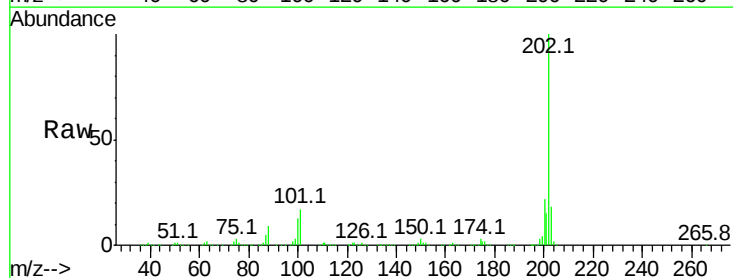
Tgt Ion:202 Resp: 1348773

Ion Ratio Lower Upper

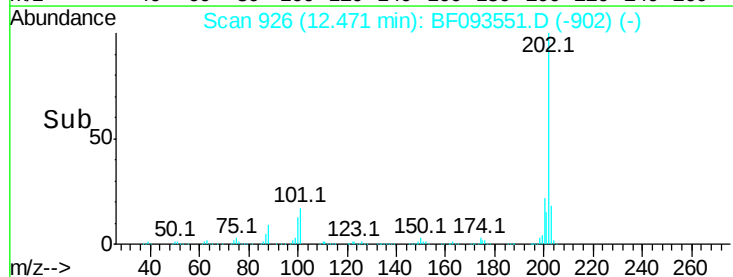
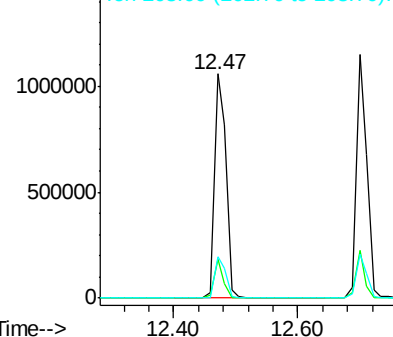
202 100

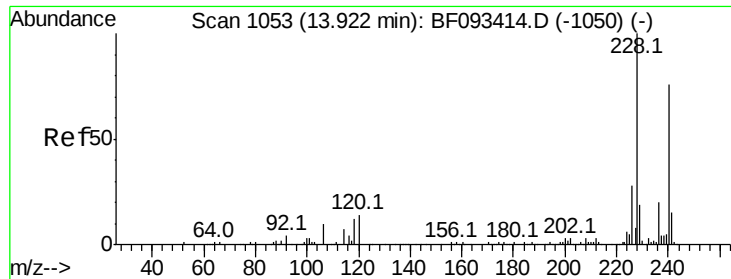
101 17.5 0.0 34.6

203 18.2 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampled :

PB97501BSD

Tot Ion:240 Resp: 473551

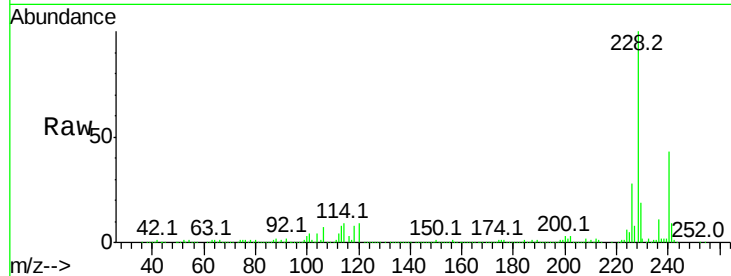
Ion Ratio Lower Upper

240 100

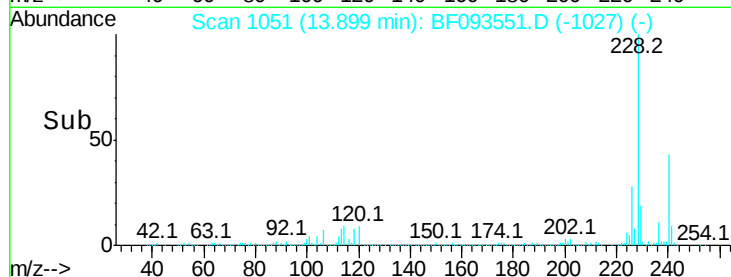
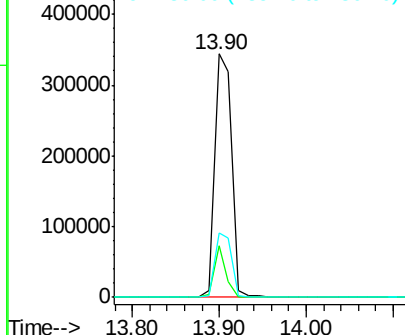
120 21.3 12.9 19.3#

236 26.4 20.9 31.3

Manual Integrations
APPROVED

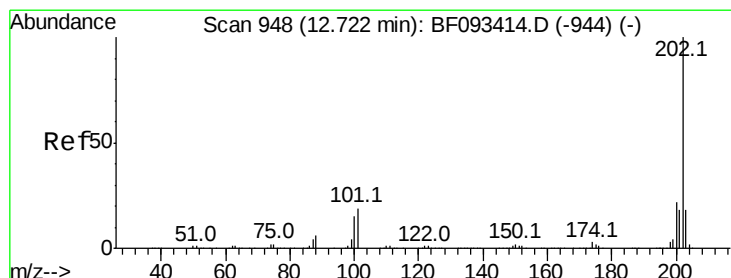


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



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#77

Pyrene

Concen: 38.52 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

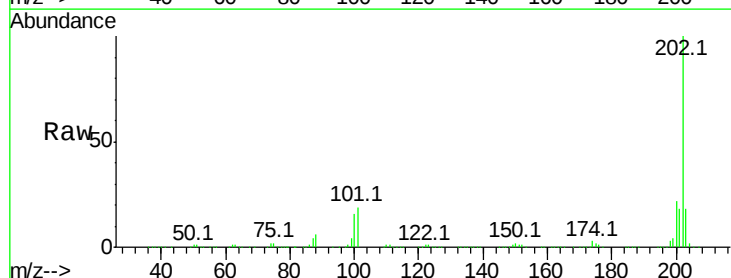
Tgt Ion:202 Resp: 1326665

Ion Ratio Lower Upper

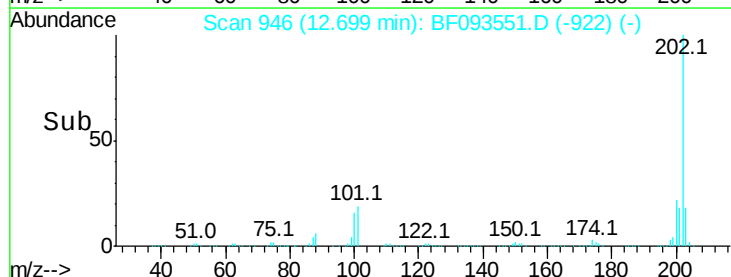
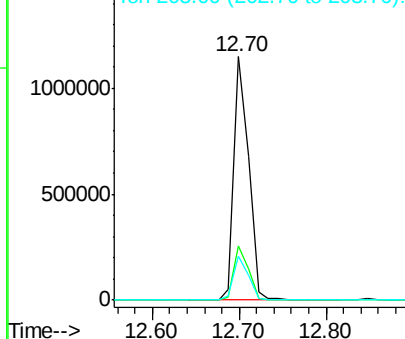
202 100

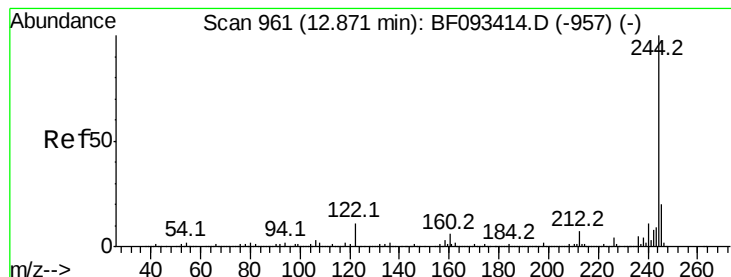
200 22.2 17.7 26.5

203 18.3 14.7 22.1



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: 84.95 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

PB97501BSD

Tot Ion:244 Resp: 1547309

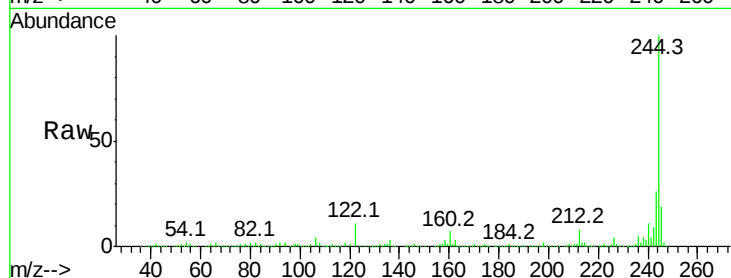
Ion Ratio Lower Upper

244 100

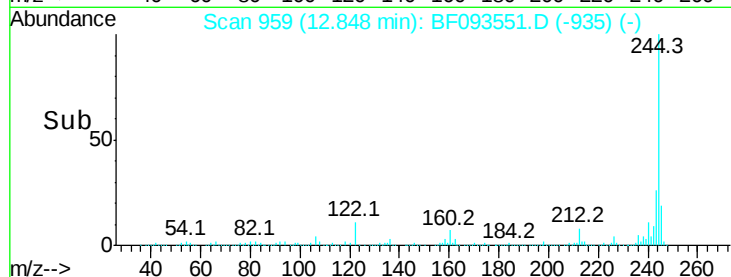
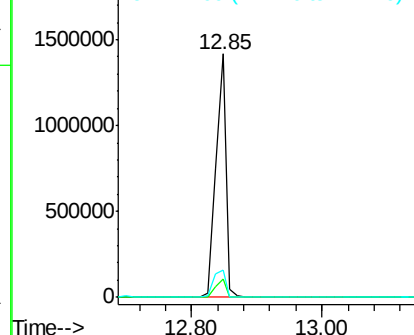
212 7.5 6.2 9.2

122 11.2 11.4 17.2#

Manual Integrations
APPROVED

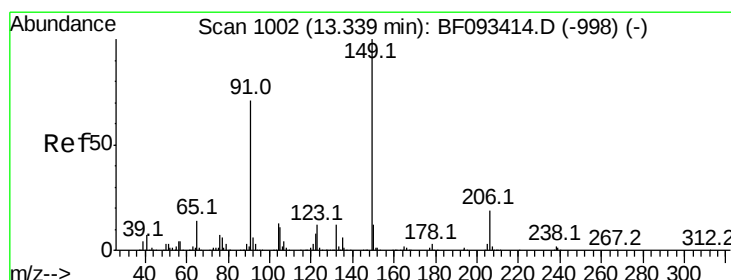


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



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#79

Butylbenzylphthalate

Concen: 45.42 ng

RT: 13.32 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

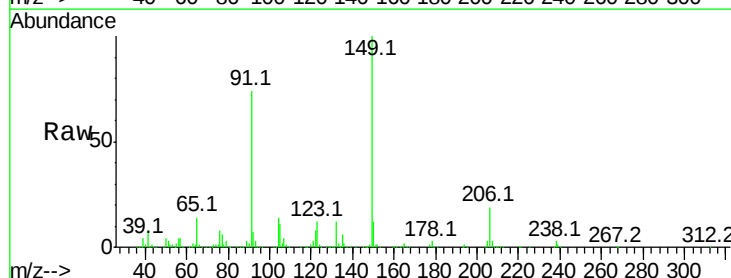
Tgt Ion:149 Resp: 658502

Ion Ratio Lower Upper

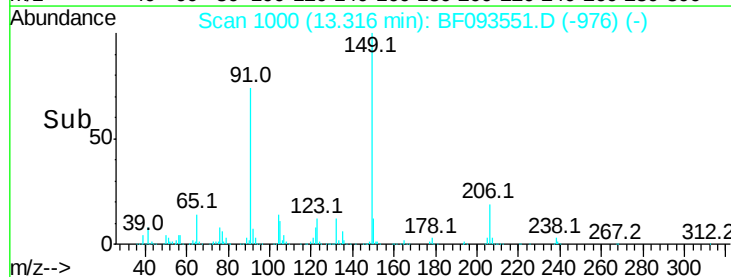
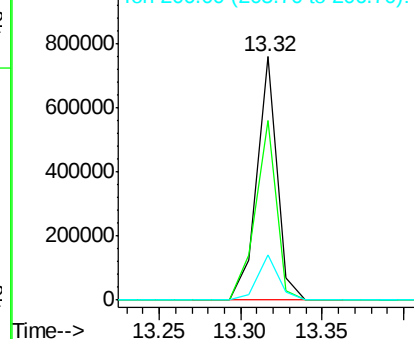
149 100

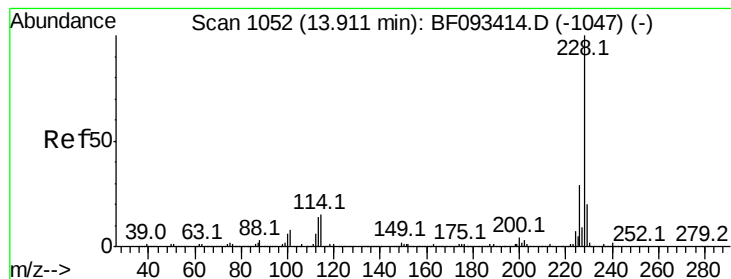
91 74.0 63.9 95.9

206 18.6 14.6 21.8



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: 40.84 ng

RT: 13.89 min Scan# 1050

Delta R.T. -0.02 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

Instrument :

BNA_F

ClientSampleId :

PB97501BSD

Tot Ion:228 Resp: 1141982

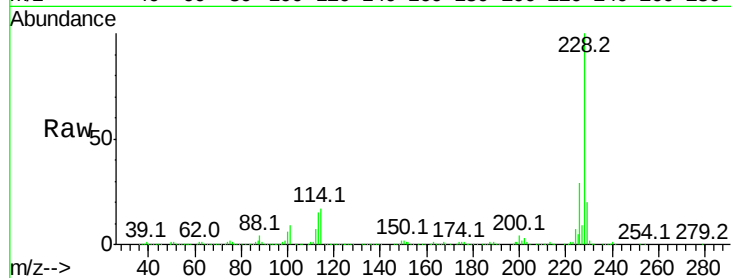
Ion Ratio Lower Upper

228 100

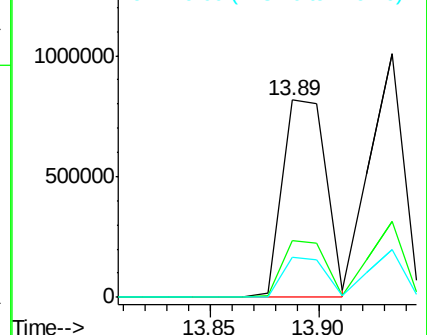
226 28.6 22.4 33.6

229 20.3 16.2 24.4

Manual Integrations
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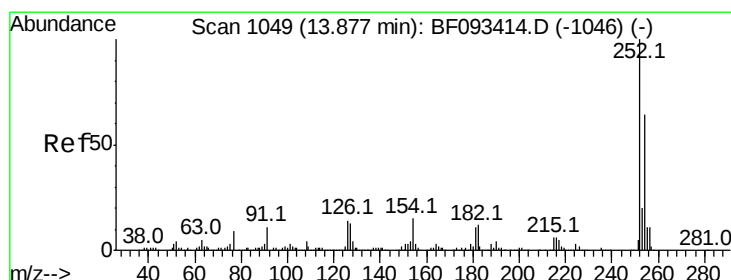
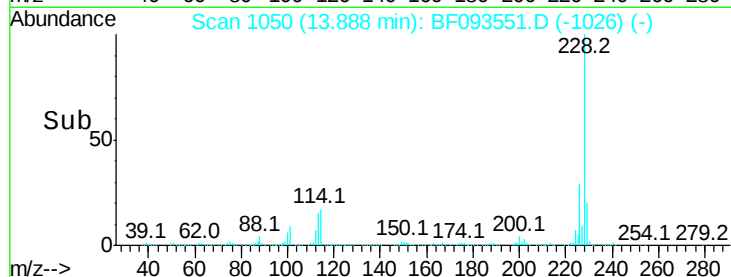


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



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#81

3,3'-Dichlorobenzidine

Concen: 3.90 ng

RT: 13.86 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF093551.D

Acq: 11 Mar 2017 4:55

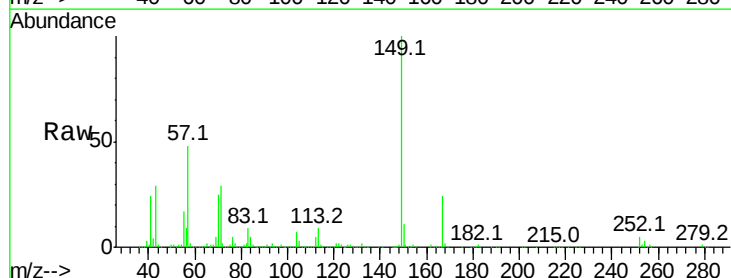
Tgt Ion:252 Resp: 38208

Ion Ratio Lower Upper

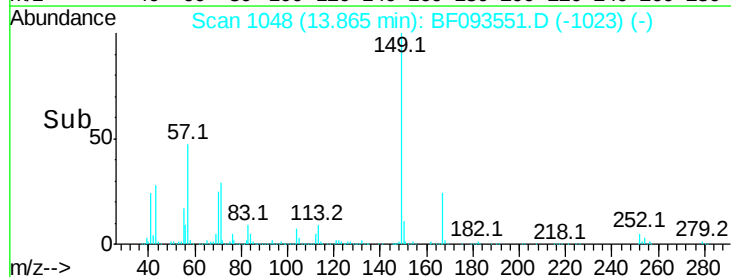
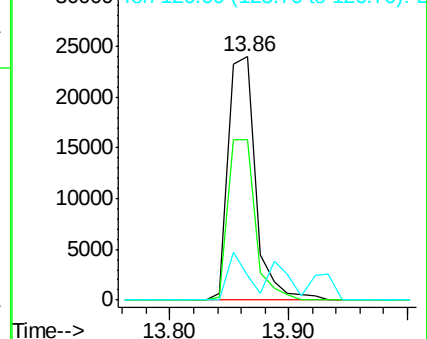
252 100

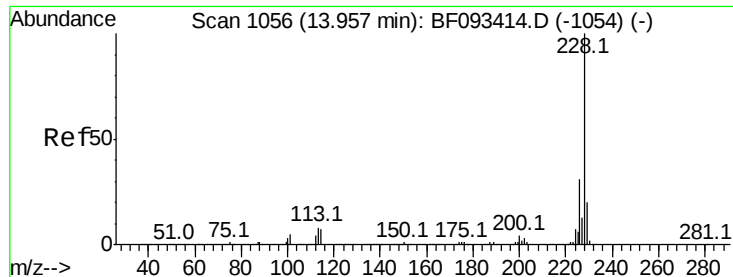
254 66.0 52.3 78.5

126 10.3 13.6 20.4#



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



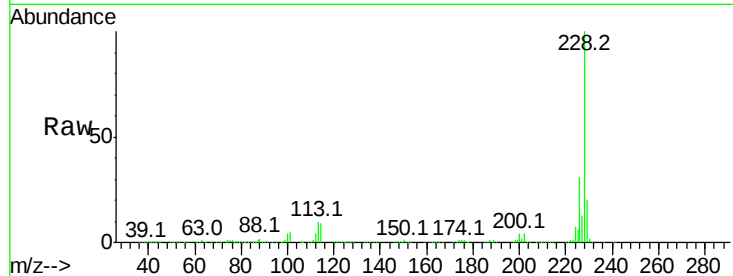


#82
Chrysene
Concen: 43.11 ng
RT: 13.93 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

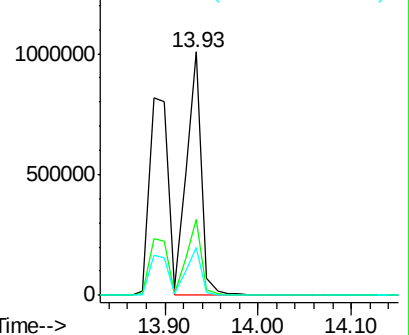
Instrument :
BNA_F
ClientSampleId :
PB97501BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	19.7	16.2	24.2

Manual Integrations
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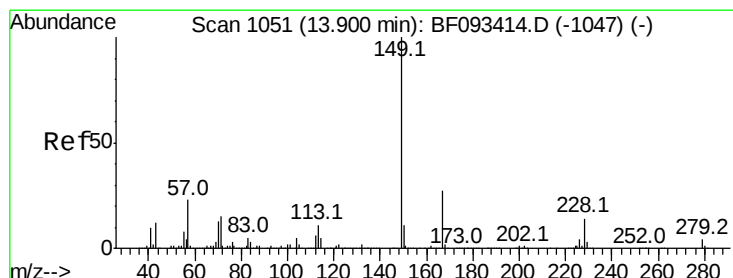
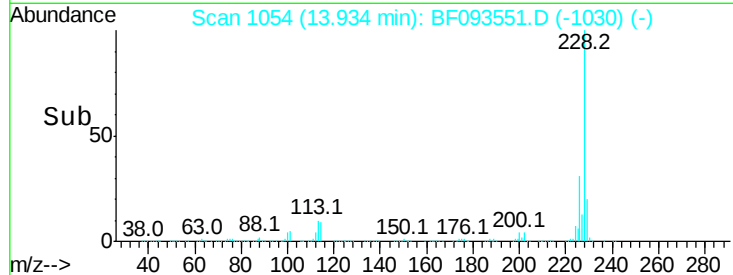


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



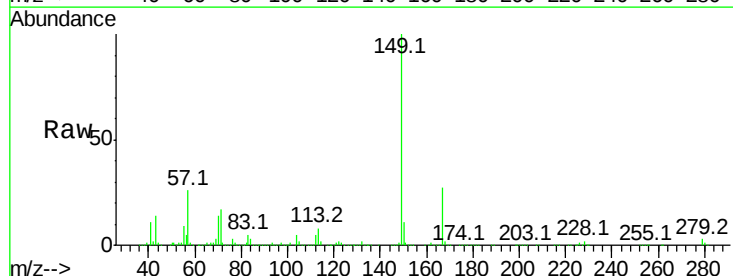
mohammad

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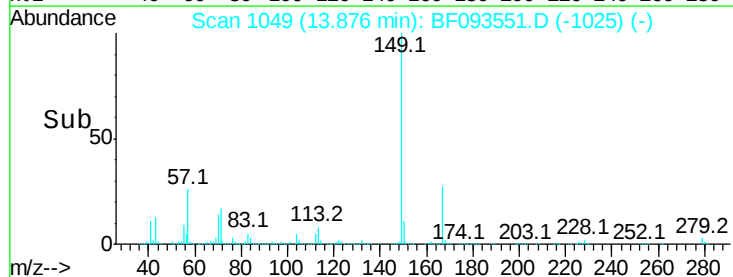
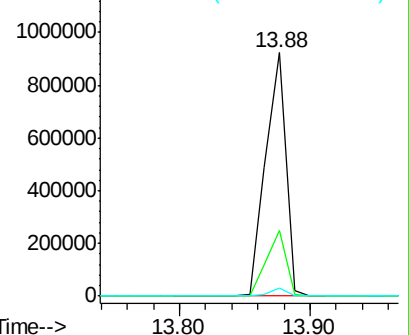


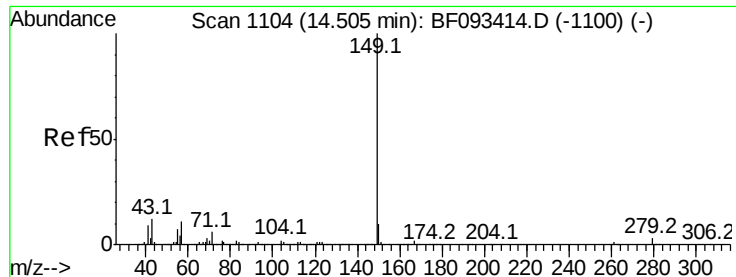
#83
Bis(2-ethylhexyl)phthalate
Concen: 48.99 ng
RT: 13.88 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.2	30.4
279	3.3	1.8	2.8



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



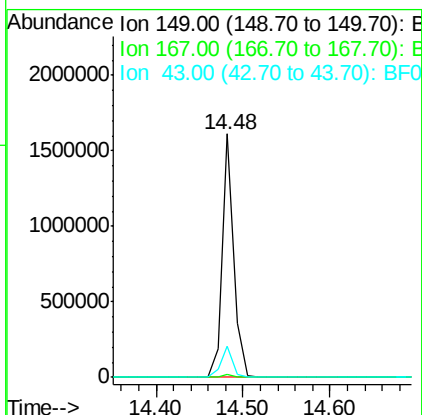
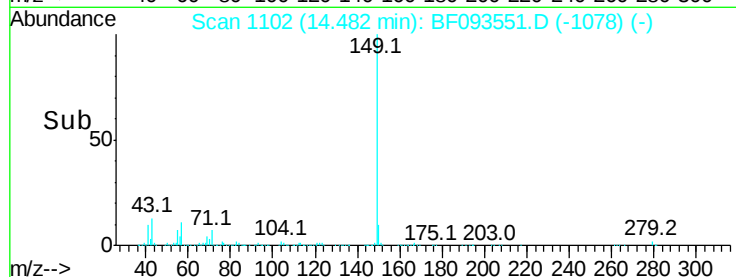
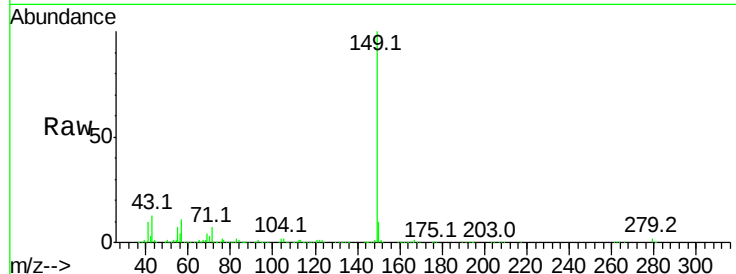


#84
Di-n-octyl phthalate
Concen: 44.36 ng
RT: 14.48 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Instrument :
BNA_F
ClientSampleId :
PB97501BSD

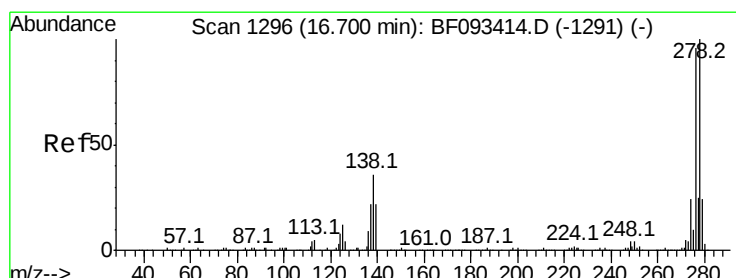
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.8	8.9	13.3

Manual Integrations
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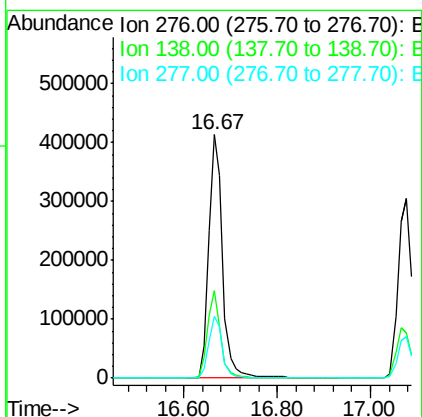
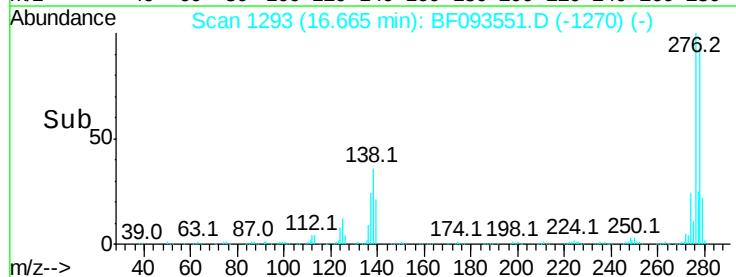
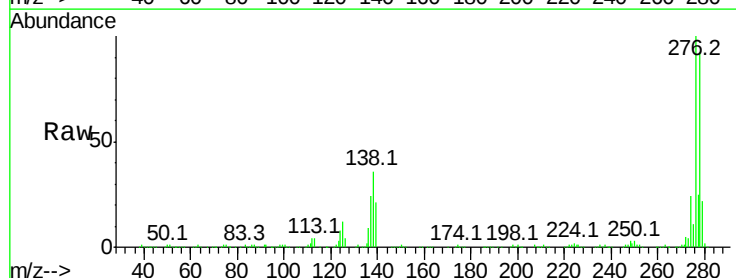
mohammad

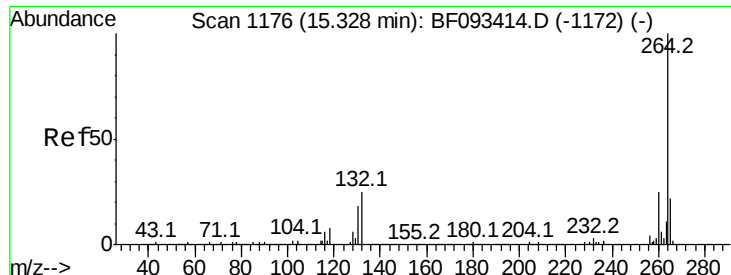
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#85
Indeno(1,2,3-cd)pyrene
Concen: 39.95 ng
RT: 16.67 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.1	21.8	32.6#
277	25.2	20.2	30.4



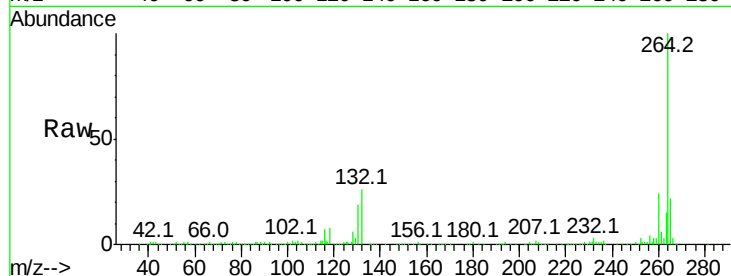


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

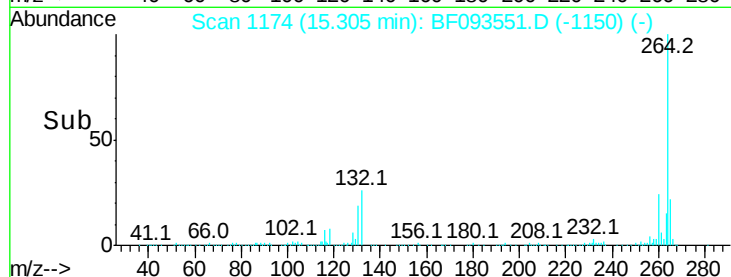
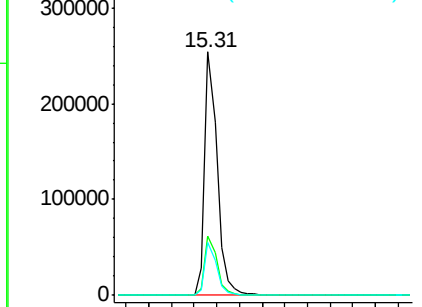
Instrument :
BNA_F
ClientSampleId :
PB97501BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.4	26.0

Manual Integrations
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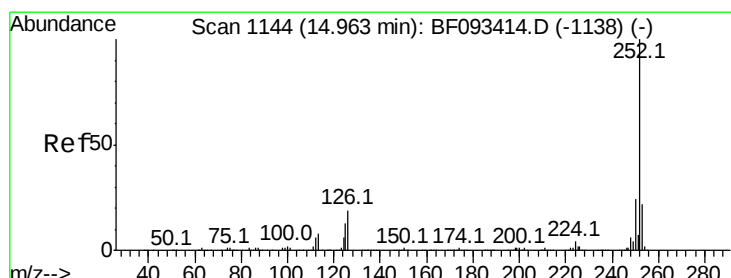


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



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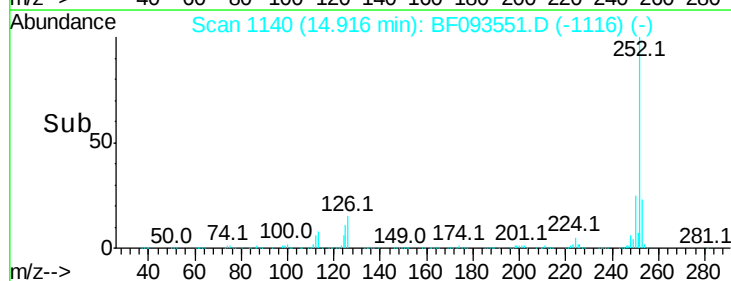
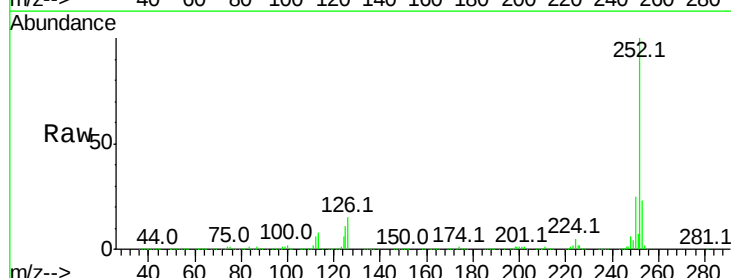
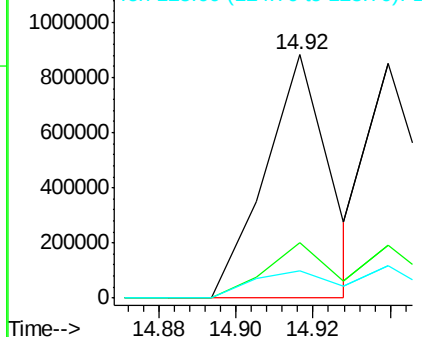
3/13/2017 5:50:34 PM

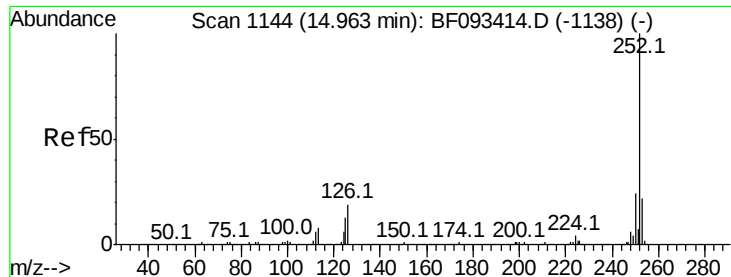


#87
Benzo(b)fluoranthene
Concen: 45.32 ng m
RT: 14.92 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	11.2	9.8	14.6

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



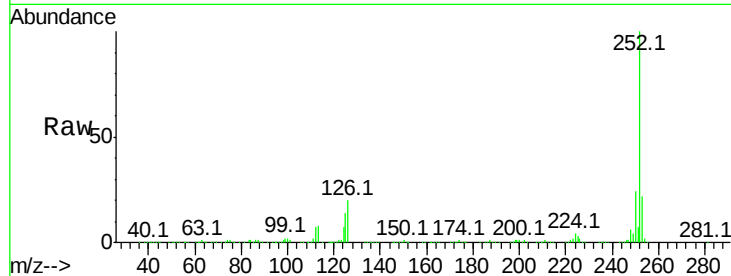


#88
Benzo(k)fluoranthene
Concen: 39.80 ng m
RT: 14.94 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

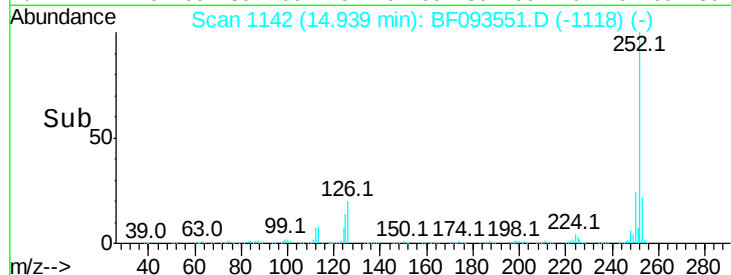
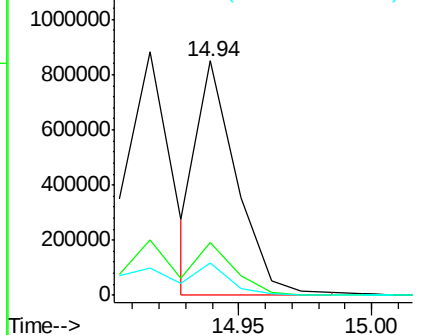
Instrument :
BNA_F
ClientSampleId :
PB97501BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	13.8	8.9	13.3

Manual Integrations
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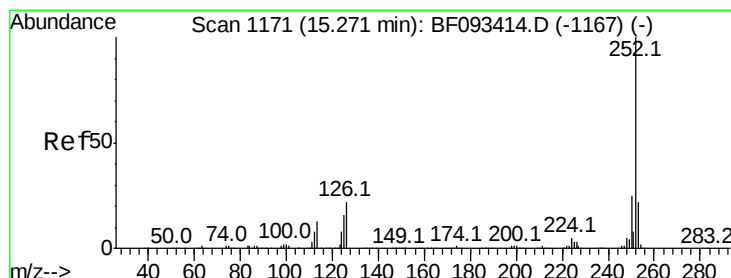


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



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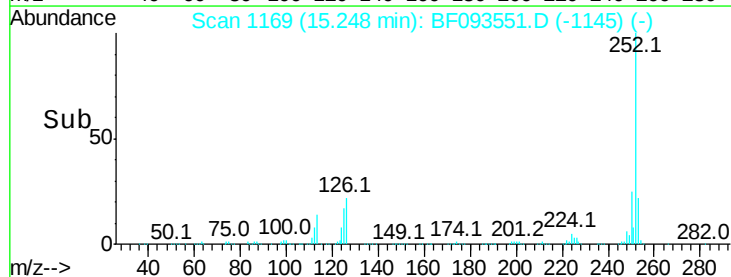
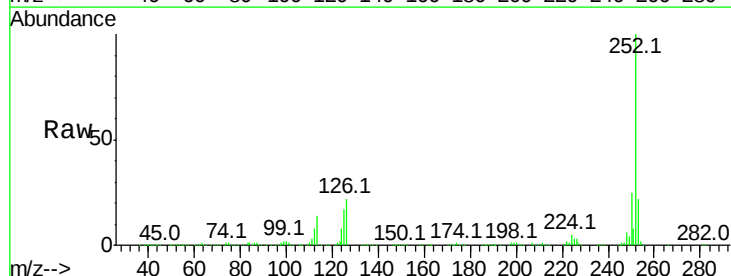
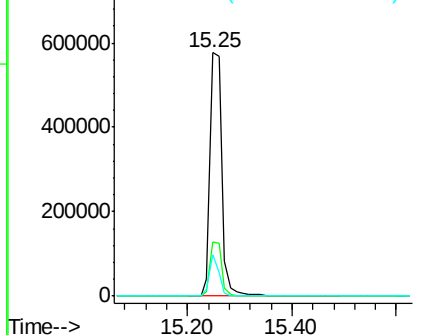
3/13/2017 5:50:34 PM

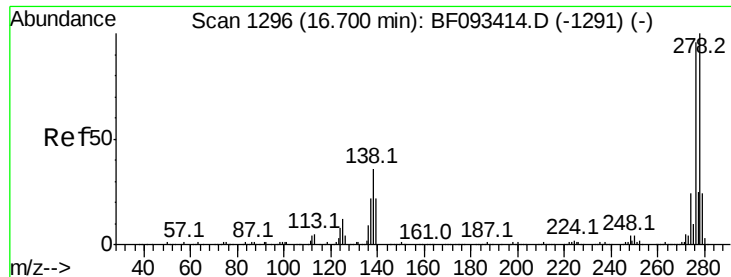


#89
Benzo(a)pyrene
Concen: 43.33 ng
RT: 15.25 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	17.0	10.0	15.0

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



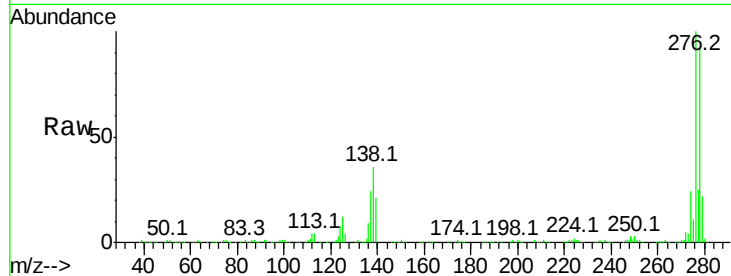


#90
Dibenzo(a,h)anthracene
Concen: 43.00 ng
RT: 16.67 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

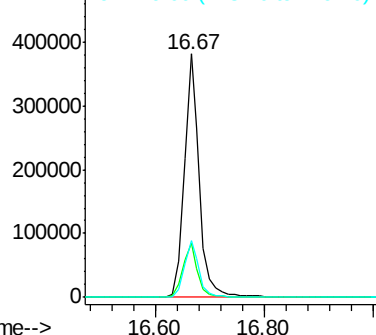
Instrument :
BNA_F
ClientSampleId :
PB97501BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.4	14.8	22.2#
279	23.6	19.8	29.6

Manual Integrations
APPROVED

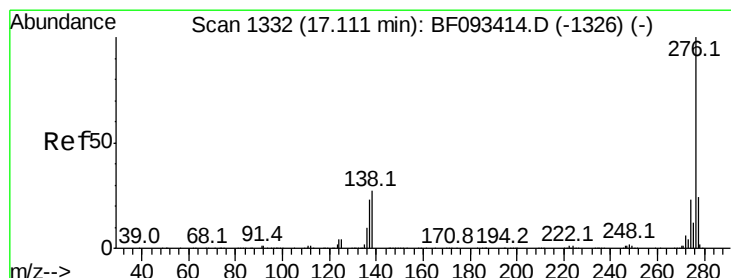
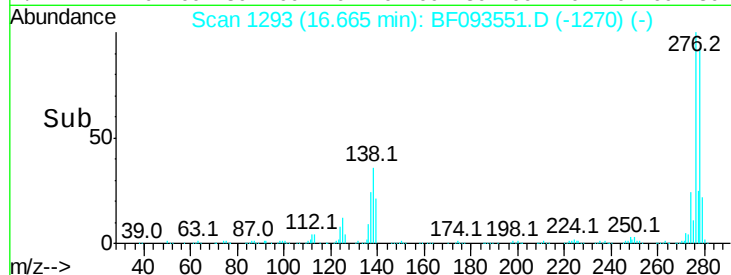


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



mohammad

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#91
Benzo(g,h,i)perylene
Concen: 40.70 ng
RT: 17.08 min Scan# 1329
Delta R.T. -0.03 min
Lab File: BF093551.D
Acq: 11 Mar 2017 4:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	25.5	16.0	24.0#

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

