

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093321.D
 Acq On : 2 Mar 2017 14:15
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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mohammad
 3/3/2017 5:16:30 PM

Quant Time: Mar 03 00:39:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	163640	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	669144	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	355458	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	587334	20.00	ng	0.00
75) Chrysene-d12	13.99	240	539568	20.00	ng	0.00
86) Perylene-d12	15.40	264	456568	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	817751	85.73	ng	-0.01
7) Phenol-d6	6.44	99	980710	79.91	ng	-0.01
23) Nitrobenzene-d5	7.38	82	982826	81.79	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	193967	75.45	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1369026	69.78	ng	0.00
78) Terphenyl-d14	12.93	244	1616109	70.38	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	203479	39.48	ng	# 84
3) Pyridine	3.00	79	565777	43.17	ng	89
4) n-Nitrosodimethylamine	2.97	42	270779	44.00	ng	91
6) Aniline	6.45	93	654844	39.12	ng	# 68
8) 2-Chlorophenol	6.58	128	429535	40.82	ng	90
9) Benzaldehyde	6.34	77	299899	34.11	ng	90
10) Phenol	6.46	94	581170	40.48	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	440839	38.46	ng	90
12) 1,3-Dichlorobenzene	6.74	146	500325	40.59	ng	98
13) 1,4-Dichlorobenzene	6.81	146	495869	39.75	ng	99
14) 1,2-Dichlorobenzene	6.97	146	483766	40.56	ng	98
15) Benzyl Alcohol	6.96	79	336805	37.07	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	780096	39.18	ng	91
17) 2-Methylphenol	7.07	107	354521	39.27	ng	96
18) Hexachloroethane	7.31	117	173667	40.78	ng	91
19) n-Nitroso-di-n-propylamine	7.22	70	304888	39.03	ng	95
20) 3+4-Methylphenols	7.23	107	467721	43.33	ng	# 77
22) Acetophenone	7.22	105	608540	39.83	ng	# 97
24) Nitrobenzene	7.39	77	478782	38.80	ng	100
25) Isophorone	7.63	82	894973	39.97	ng	94
26) 2-Nitrophenol	7.71	139	248324	42.34	ng	95
27) 2,4-Dimethylphenol	7.76	122	365438	35.48	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	628969	42.41	ng	99
29) 2,4-Dichlorophenol	7.96	162	382327	39.80	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	395418	38.20	ng	# 94
31) Naphthalene	8.11	128	1257171	37.06	ng	99
32) Benzoic acid	7.90	122	214166	38.38	ng	97
33) 4-Chloroaniline	8.17	127	525734	39.52	ng	94
34) Hexachlorobutadiene	8.22	225	205056	36.00	ng	100
35) Caprolactam	8.56	113	133905	44.31	ng	# 31
36) 4-Chloro-3-methylphenol	8.67	107	437801	43.71	ng	96
37) 2-Methylnaphthalene	8.81	142	838546	38.50	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	410547	41.15	ng	99
40) Hexachlorocyclopentadiene	8.96	237	82481	18.32	ng	92

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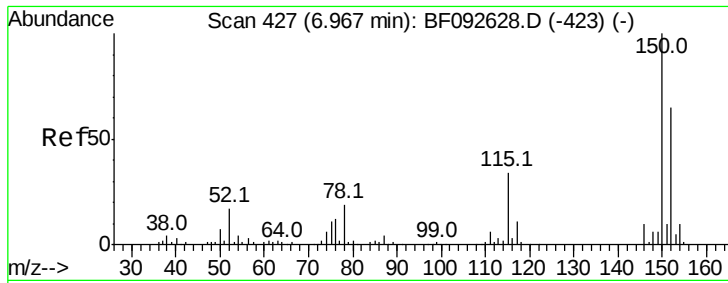
Manual Integrations
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 3/3/2017 5:16:30 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	252728	38.55	nq	91
43) 2,4,5-Trichlorophenol	9.15	196	278672	38.79	nq	# 83
45) 1,1'-Biphenyl	9.28	154	1045128	40.60	nq	97
46) 2-Chloronaphthalene	9.30	162	776758	38.58	nq	95
47) 2-Nitroaniline	9.40	65	300842	44.44	nq	90
48) Acenaphthylene	9.72	152	1356150	38.99	nq	98
49) Dimethylphthalate	9.58	163	987688	41.25	nq	100
50) 2,6-Dinitrotoluene	9.65	165	236822	45.80	nq	# 90
51) Acenaphthene	9.89	154	786531	37.82	nq	96
52) 3-Nitroaniline	9.82	138	279791	47.28	nq	94
53) 2,4-Dinitrophenol	9.94	184	99784	40.43	nq	# 47
54) Dibenzofuran	10.06	168	1043121	37.50	nq	92
55) 4-Nitrophenol	10.01	139	141416	33.18	nq	85
56) 2,4-Dinitrotoluene	10.06	165	280875	40.80	nq	95
57) Fluorene	10.41	166	891888	41.68	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.19	232	195372	40.77	nq	97
59) Diethylphthalate	10.28	149	898348	39.81	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	394235	38.35	nq	87
61) 4-Nitroaniline	10.44	138	245193	40.46	nq	93
62) Azobenzene	10.56	77	940381	40.34	nq	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	147801	41.71	nq	# 61
65) n-Nitrosodiphenylamine	10.52	169	761964	40.61	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	242057	39.45	nq	94
67) Hexachlorobenzene	10.96	284	225904	37.25	nq	# 87
68) Atrazine	11.06	200	265599	44.11	nq	92
69) Pentachlorophenol	11.16	266	92772	34.17	nq	97
70) Phenanthrene	11.37	178	1208176	35.90	nq	99
71) Anthracene	11.42	178	1397354	41.35	nq	98
72) Carbazole	11.58	167	1274435	39.45	nq	99
73) Di-n-butylphthalate	11.90	149	1447135	41.43	nq	98
74) Fluoranthene	12.56	202	1330185	38.32	nq	96
76) Benzidine	12.68	184	322655	14.03	nq	98
77) Pyrene	12.78	202	1342491	33.25	nq	99
79) Butylbenzylphthalate	13.40	149	669080	40.80	nq	89
80) Benzo(a)anthracene	13.97	228	1213742	36.78	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	451696	38.40	nq	# 95
82) Chrysene	14.01	228	1087513	35.20	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	873523	38.95	nq	99
84) Di-n-octyl phthalate	14.57	149	1643334	45.00	nq	99
85) Indeno(1,2,3-cd)pyrene	16.81	276	905285	37.83	nq	# 94
87) Benzo(b)fluoranthene	15.00	252	1186472m	39.48	nq	
88) Benzo(k)fluoranthene	15.03	252	994921m	38.34	nq	
89) Benzo(a)pyrene	15.35	252	1025156	39.44	nq	# 96
90) Dibenzo(a,h)anthracene	16.81	278	780157	37.13	nq	98
91) Benzo(g,h,i)perylene	17.22	276	782665	36.88	nq	# 92

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



#1

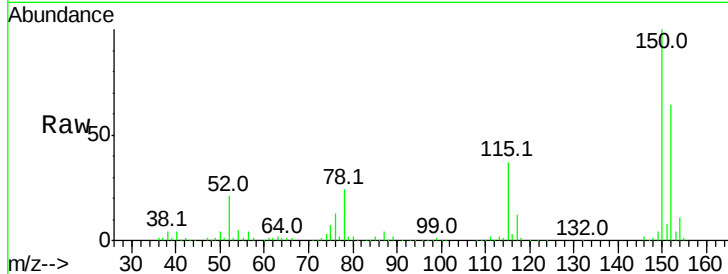
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.9	187.3
115	57.7	46.0	69.0

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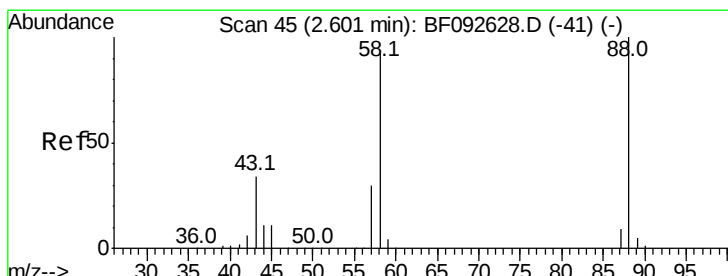
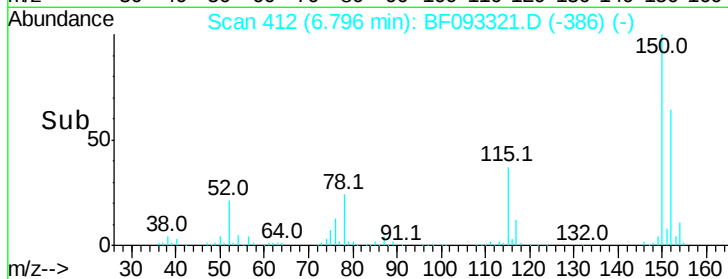
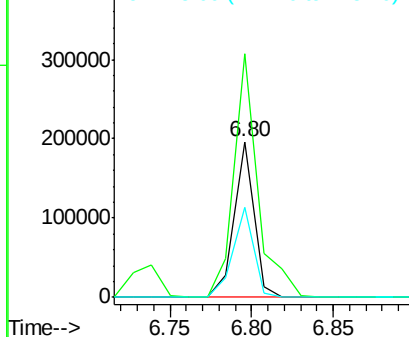


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

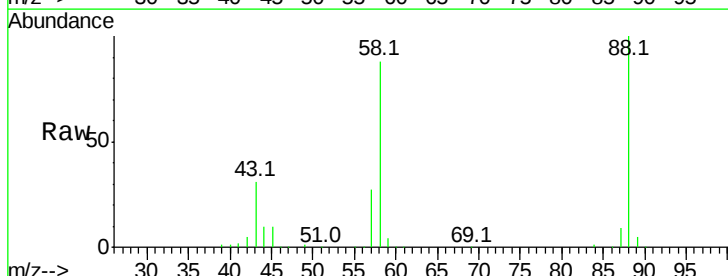
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.48 ng
RT: 2.29 min Scan# 18
Delta R.T. -0.02 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.1	57.8	86.8#
43	31.3	22.3	33.5

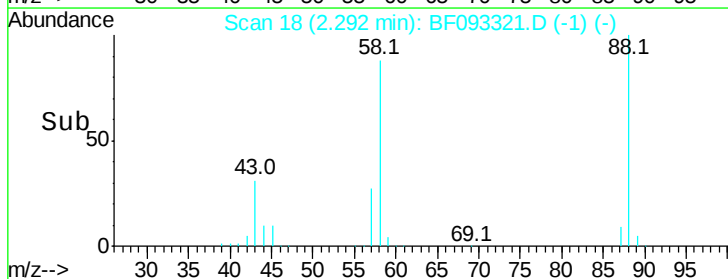
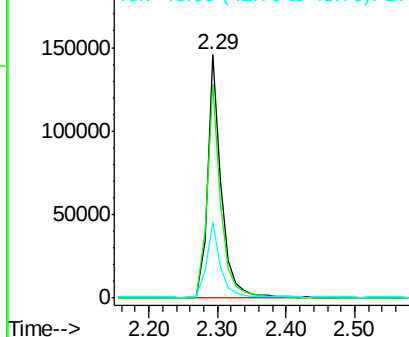


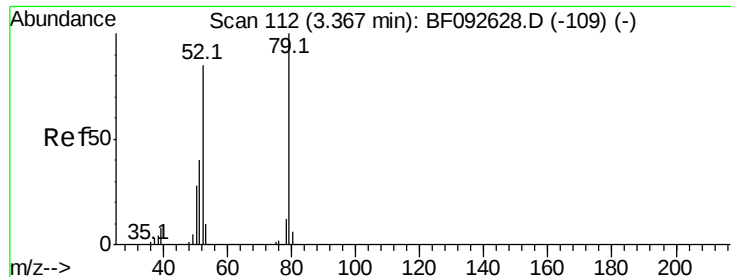
Abundance

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: 43.17 ng

RT: 3.00 min Scan# 80

Delta R.T. -0.01 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Instrument :

BNA_F

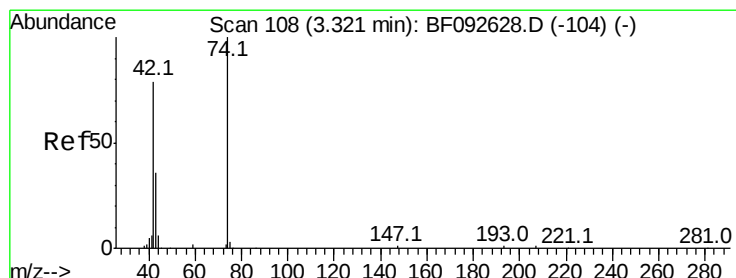
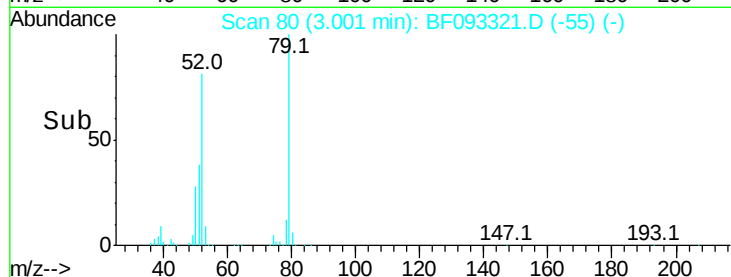
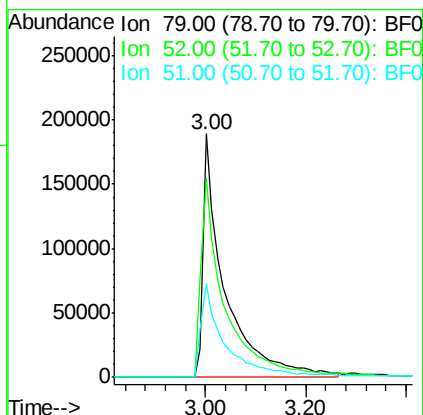
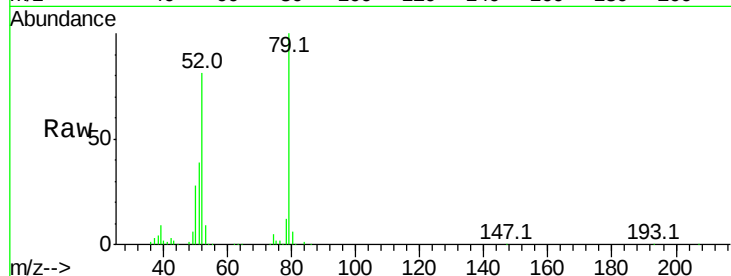
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	565777
Ion Ratio	Lower	Upper	
79	100		
52	81.5	57.1	85.7
51	38.7	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 44.00 ng

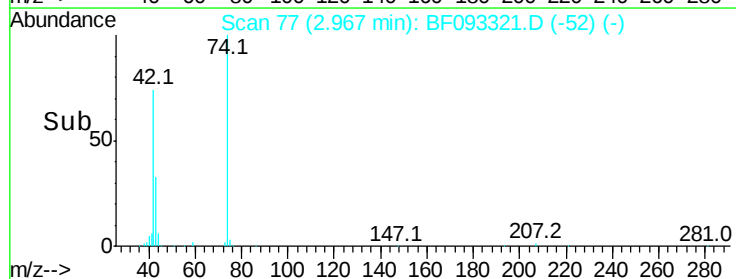
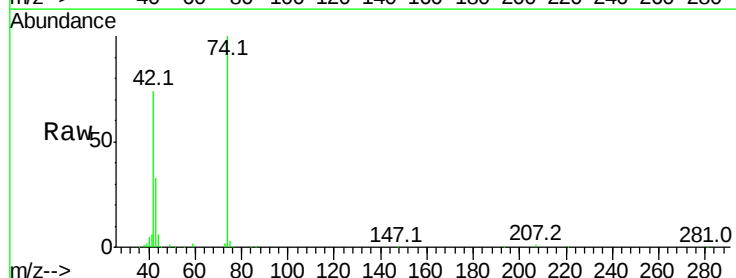
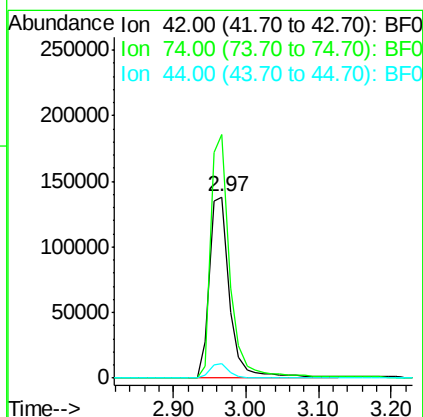
RT: 2.97 min Scan# 77

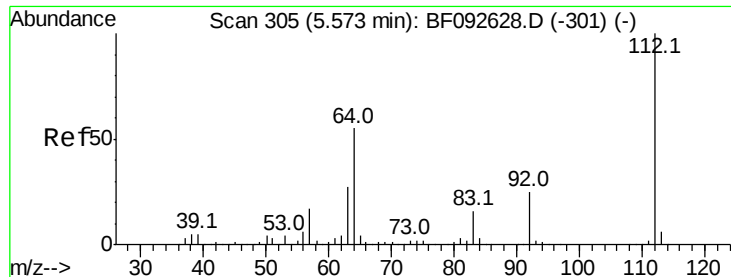
Delta R.T. -0.01 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Tgt Ion:	42	Resp:	270779
Ion Ratio	Lower	Upper	
42	100		
74	134.5	117.0	175.4
44	8.3	5.5	8.3





#5

2-Fluorophenol

Concen: 85.73 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Instrument :

BNA_F

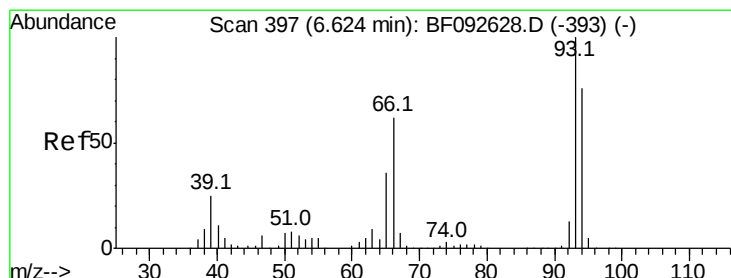
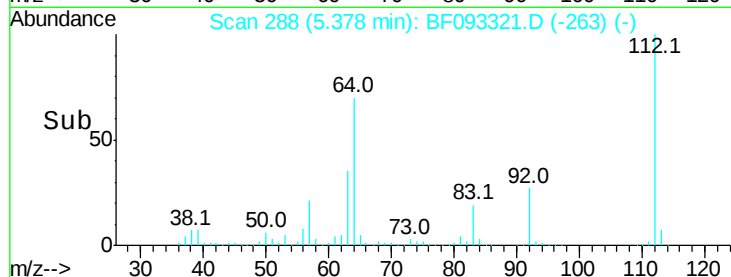
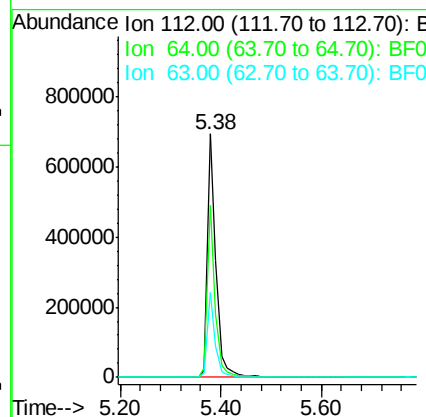
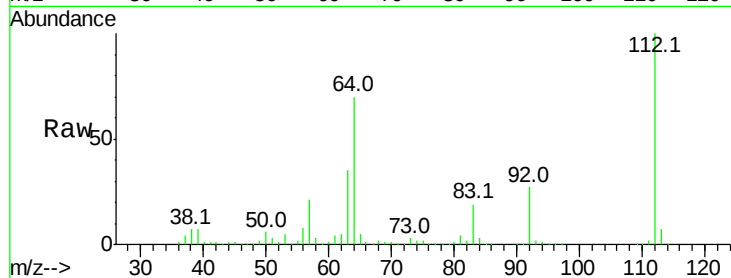
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	817751
Ion Ratio	Lower	Upper	
112	100		
64	70.4	46.1	69.1#
63	34.9	23.8	35.6

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#6

Aniline

Concen: 39.12 ng

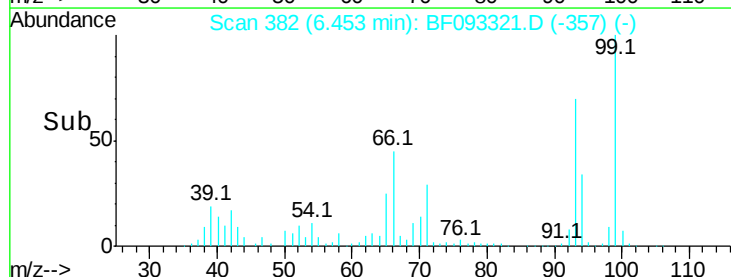
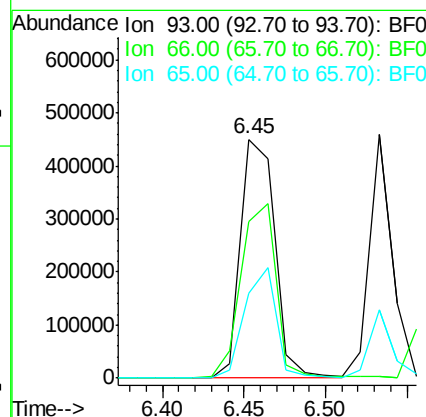
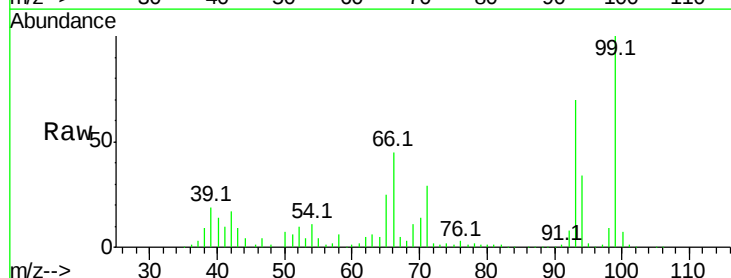
RT: 6.45 min Scan# 382

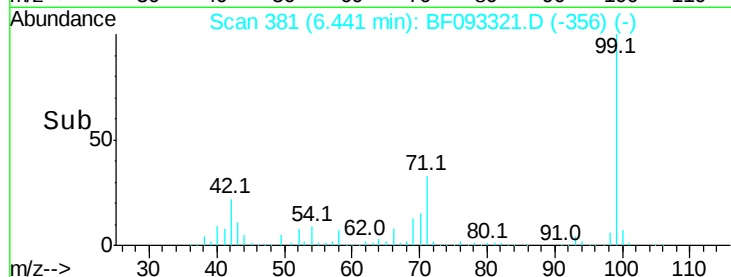
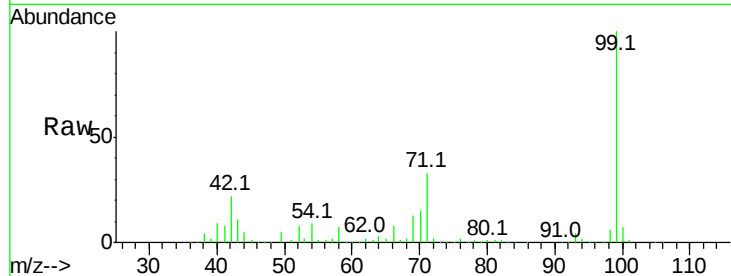
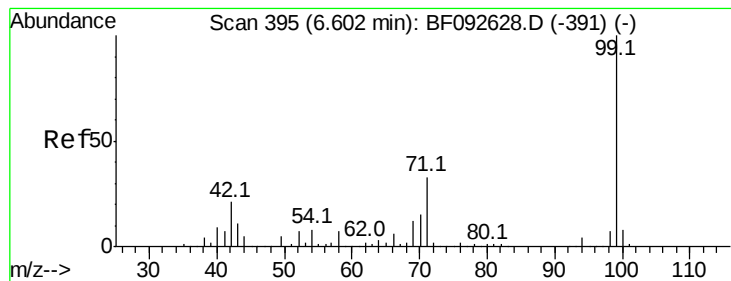
Delta R.T. -0.01 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Tgt Ion:	93	Resp:	654844
Ion Ratio	Lower	Upper	
93	100		
66	65.3	76.2	114.2#
65	35.5	49.3	73.9#





#7

Phenol-d6

Concen: 79.91 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Tot Ion:	99	Resp:	980710
Ion Ratio	Lower	Upper	
99	100		
42	21.9	15.6	23.4
71	33.1	27.5	41.3

Instrument :

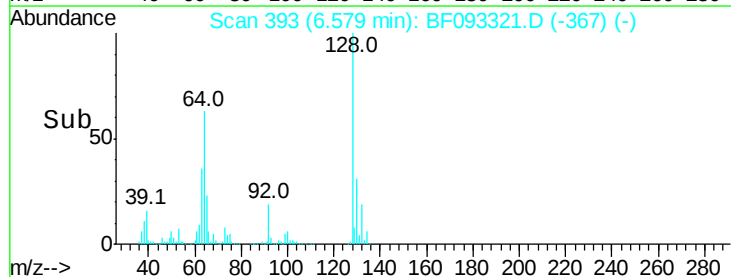
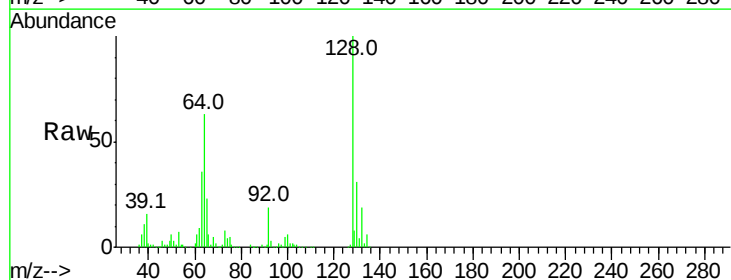
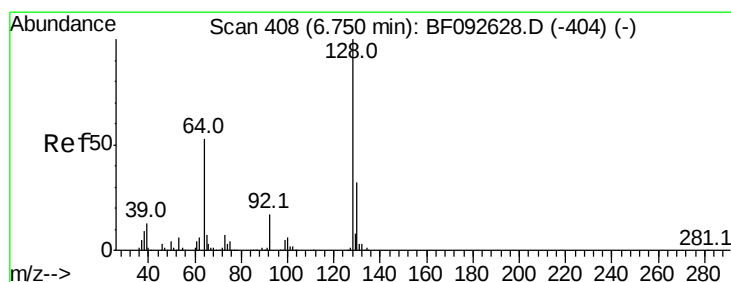
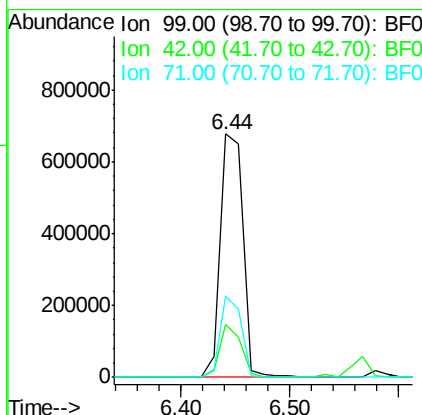
BNA_F

ClientSampleId :

SSTDCCC040EC

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#8

2-Chlorophenol

Concen: 40.82 ng

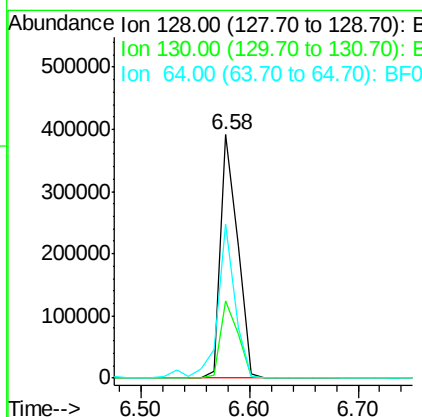
RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Tgt Ion:	128	Resp:	429535
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.3	52.3
64	63.1	32.2	72.2





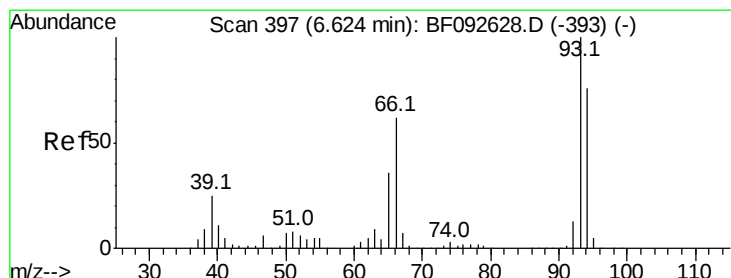
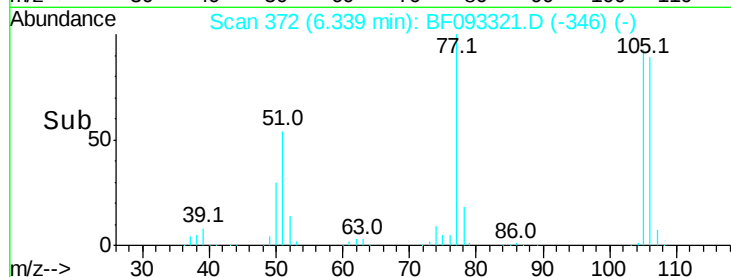
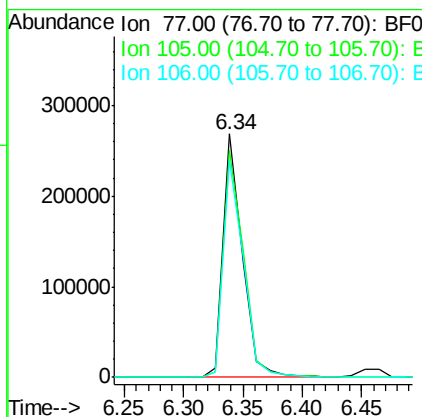
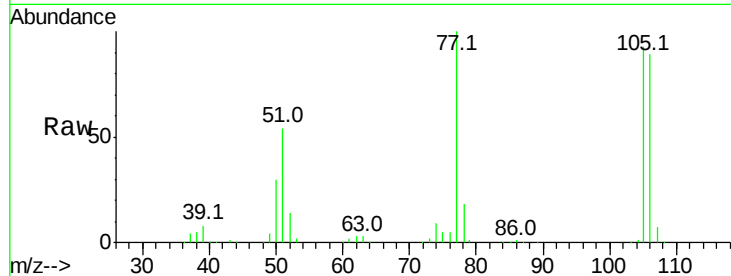
#9
Benzaldehyde
Concen: 34.11 ng
RT: 6.34 min Scan# 372
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 77 Resp: 299899
Ion Ratio Lower Upper
77 100
105 93.3 83.9 123.9
106 89.2 77.6 117.6

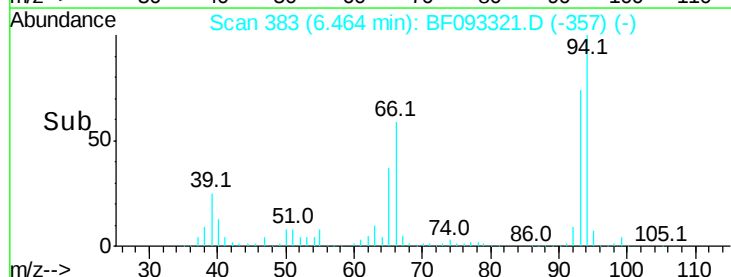
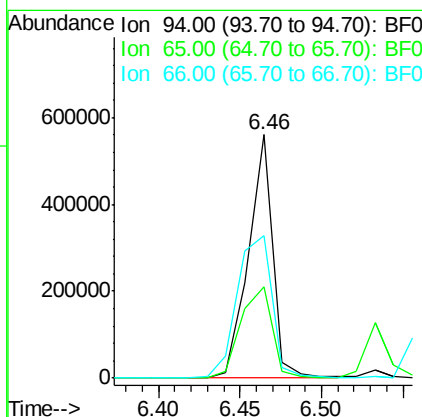
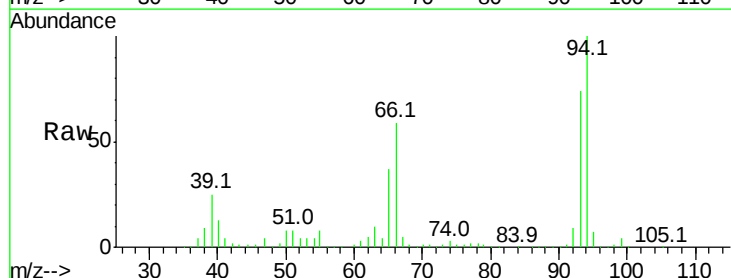
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#10
Phenol
Concen: 40.48 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion: 94 Resp: 581170
Ion Ratio Lower Upper
94 100
65 37.3 21.4 61.4
66 58.7 44.0 84.0





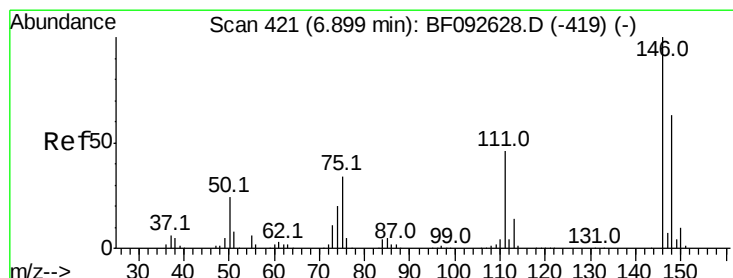
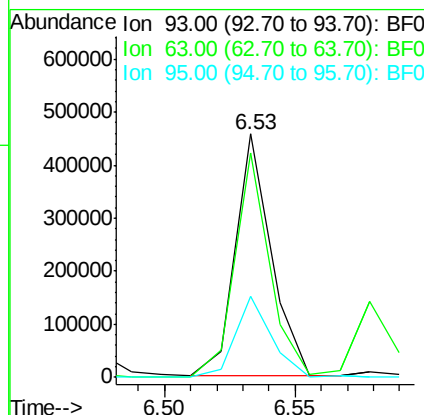
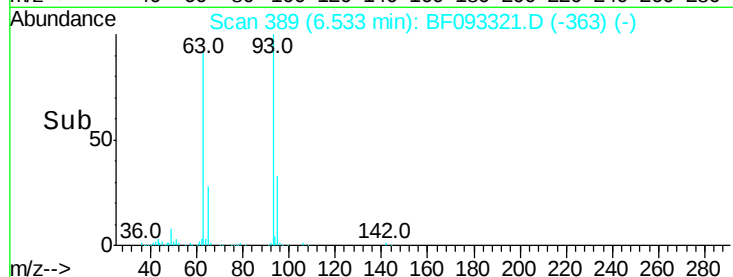
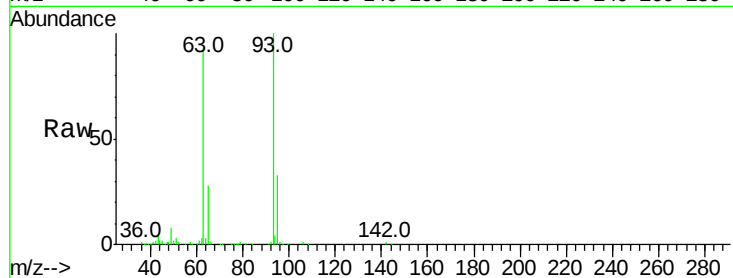
#11
bis(2-Chloroethyl)ether
Concen: 38.46 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.1	60.4	100.4
95	33.1	12.8	52.8

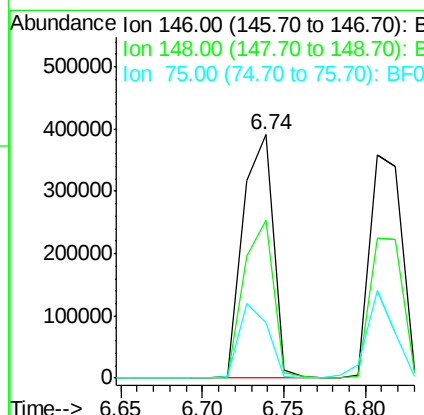
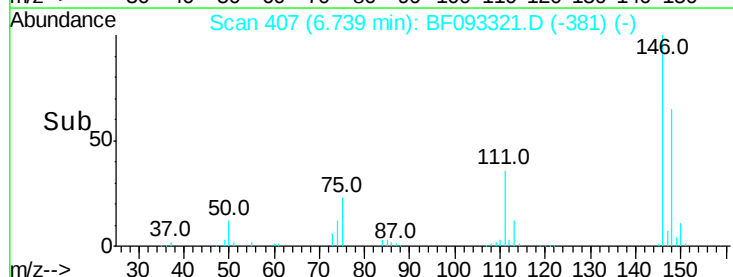
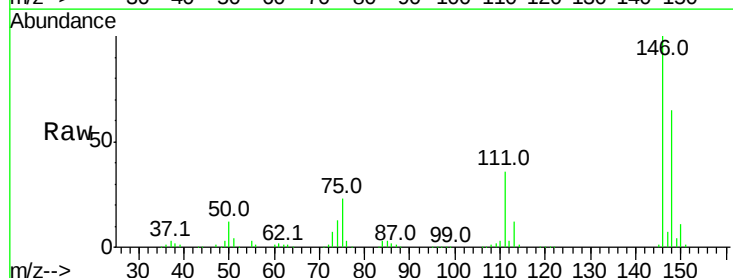
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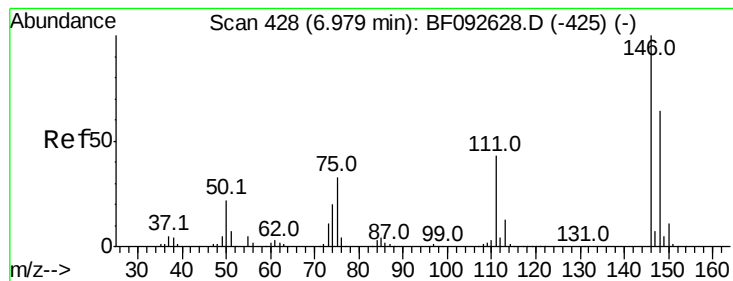
mohammad
3/3/2017 5:16:30 PM



#12
1,3-Dichlorobenzene
Concen: 40.59 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	53.4	80.0
75	22.8	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 39.75 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:146 Resp: 495869

Ion Ratio Lower Upper

146 100

148 62.8 50.6 76.0

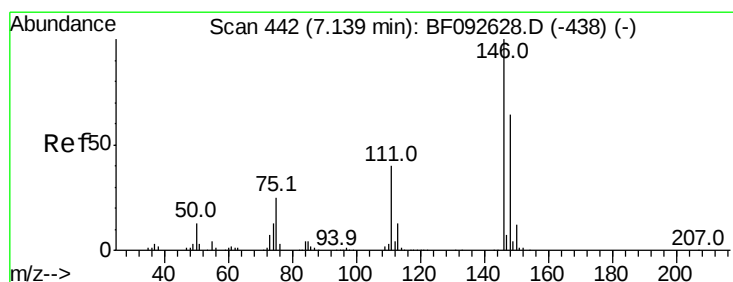
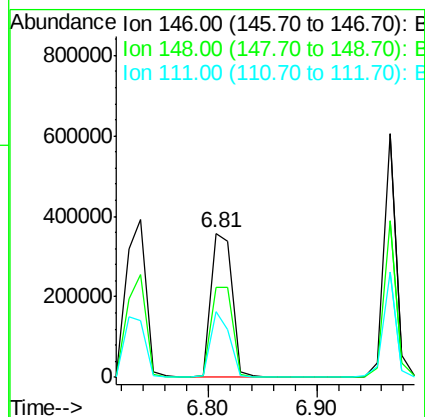
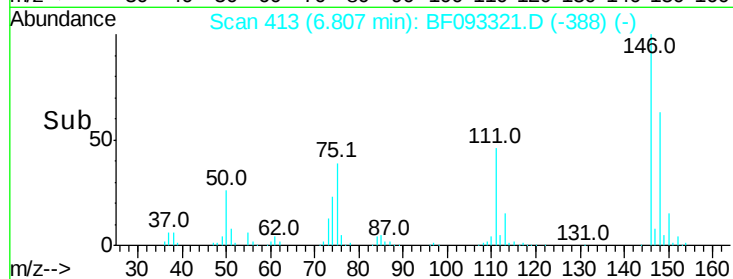
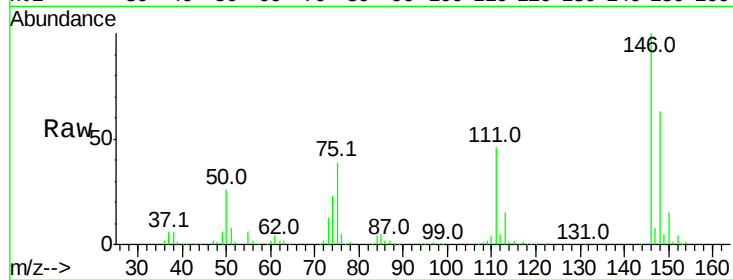
111 46.0 36.2 54.4

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#14

1,2-Dichlorobenzene

Concen: 40.56 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

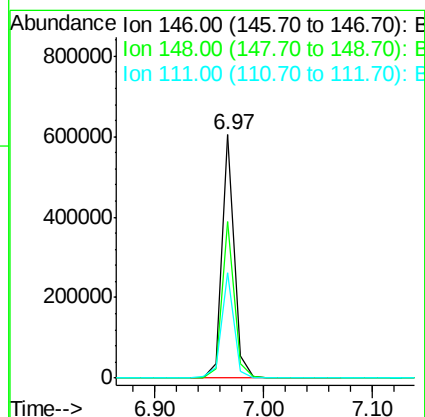
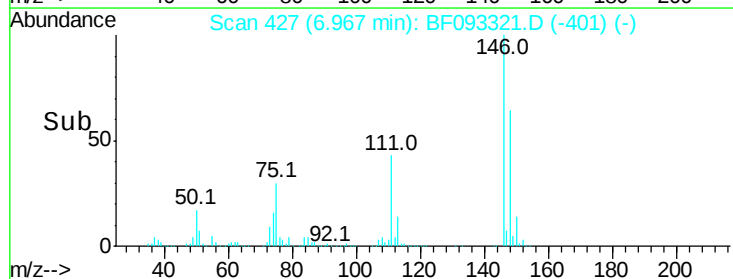
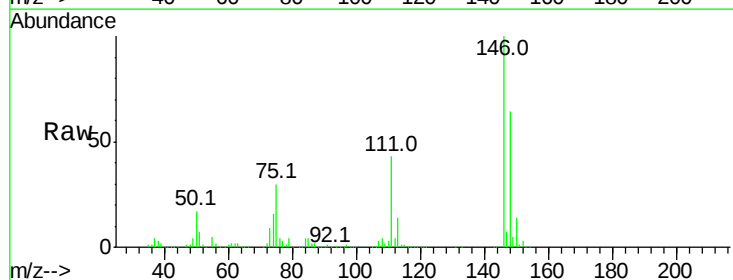
Tgt Ion:146 Resp: 483766

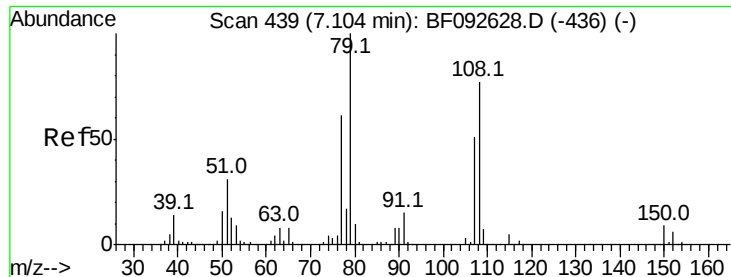
Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

111 43.5 36.2 54.2





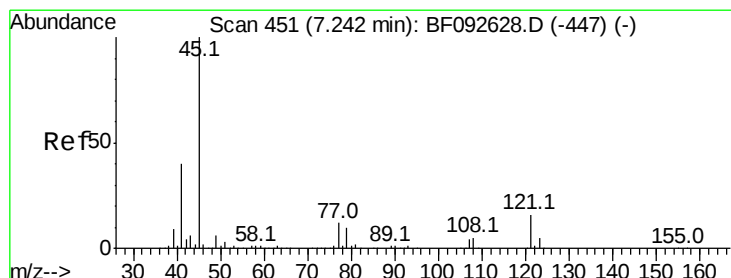
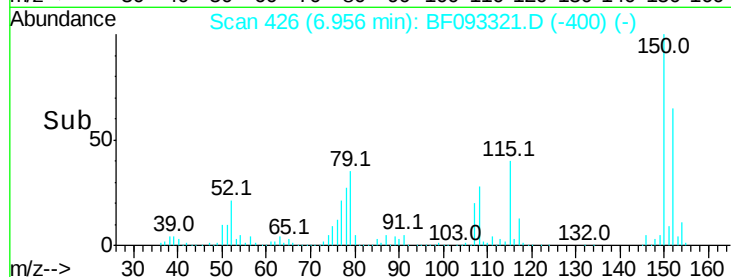
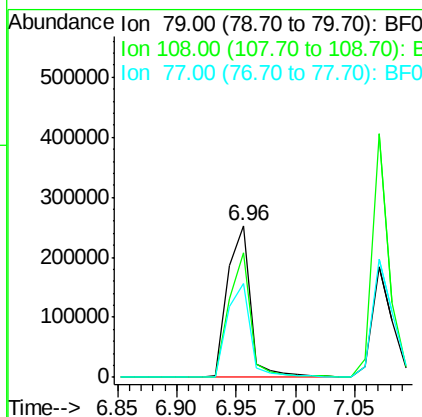
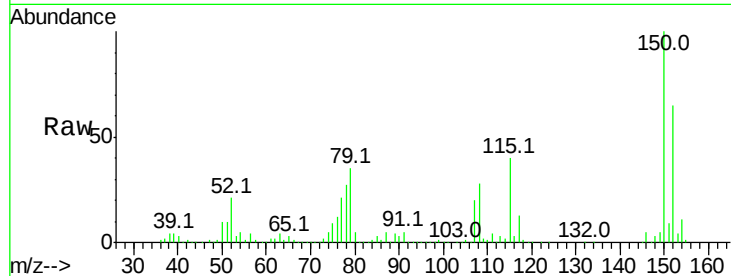
#15
Benzyl Alcohol
Concen: 37.07 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.3	61.4	92.0
77	61.7	50.9	76.3

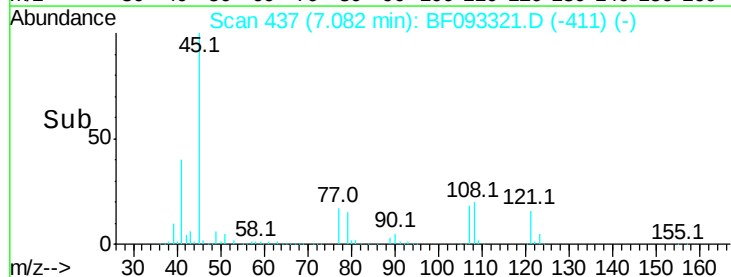
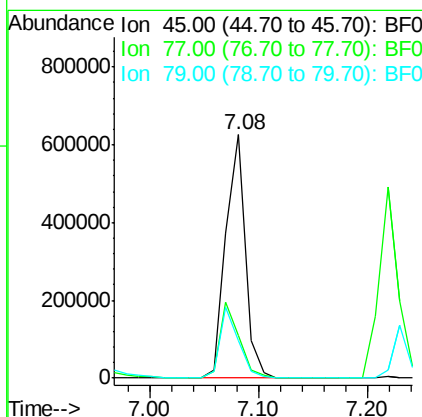
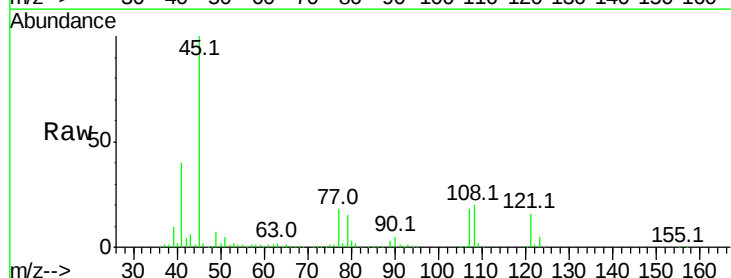
Manual Integrations
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.18 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	34.6
79	15.3	0.0	31.2





#17

2-Methylphenol

Concen: 39.27 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Instrument :

BNA_F

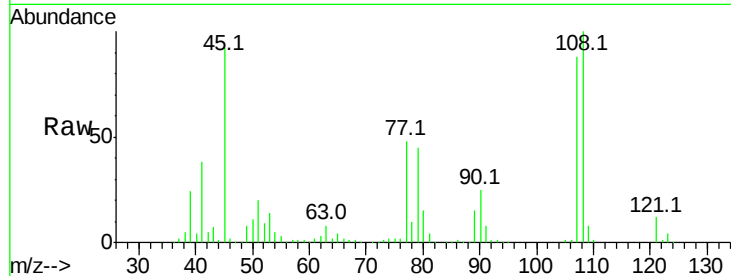
ClientSampleId :

SSTDCCC040EC

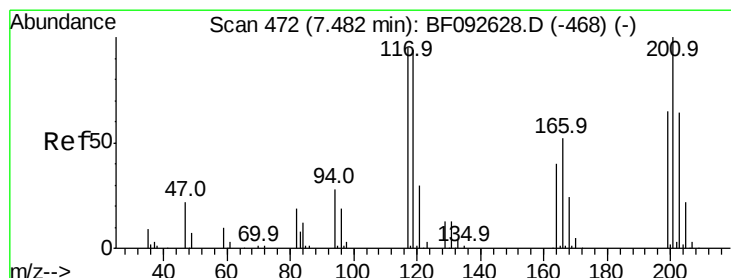
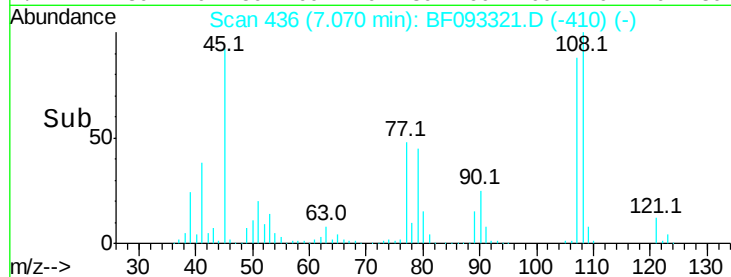
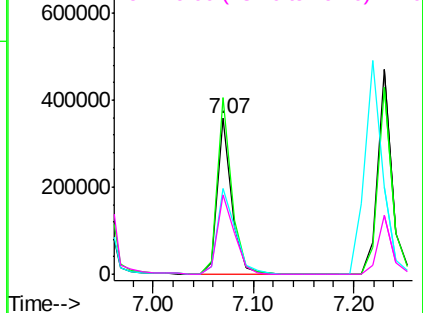
Tot Ion:	107	Resp:	354521
Ion Ratio	Lower	Upper	
107	100		
108	113.4	93.0	139.6
77	54.9	39.8	59.8
79	51.4	38.0	57.0

Manual Integrations
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.78 ng

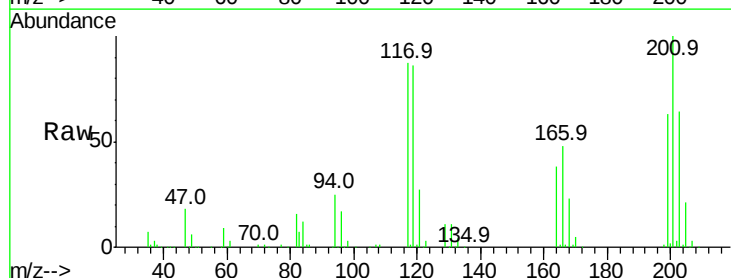
RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

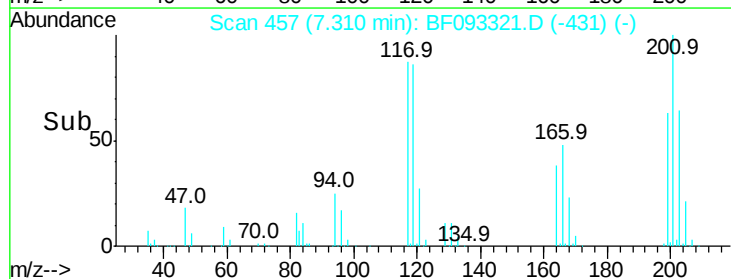
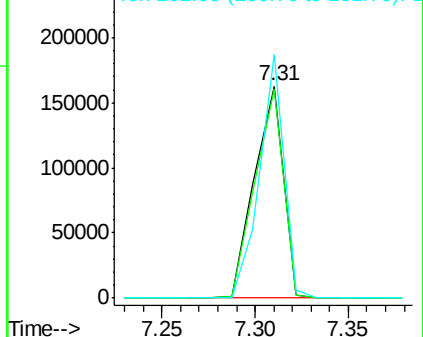
Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Tgt Ion:	117	Resp:	173667
Ion Ratio	Lower	Upper	
117	100		
119	98.5	78.1	117.1
201	115.0	78.6	117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





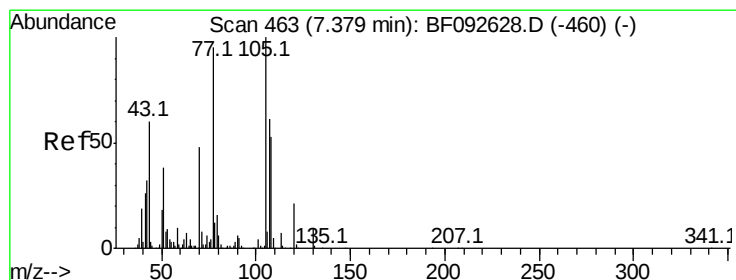
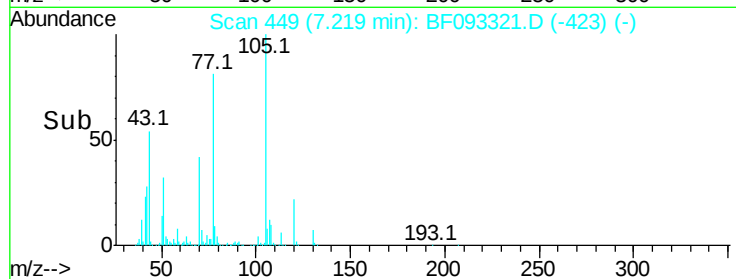
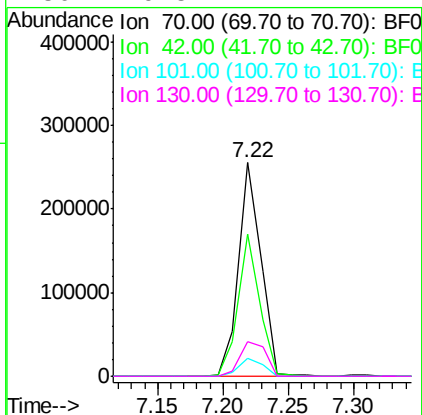
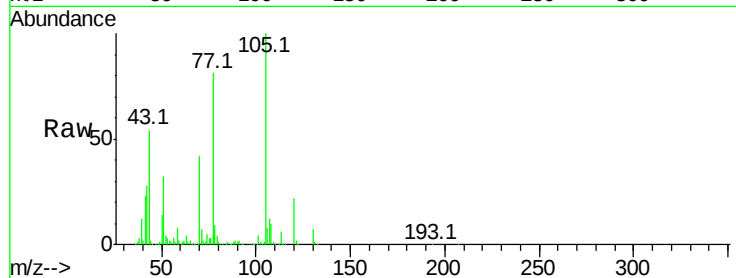
#19
n-Nitroso-di-n-propylamine
Concen: 39.03 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.7	49.4	74.0
101	8.6	7.4	11.2
130	16.5	14.2	21.4

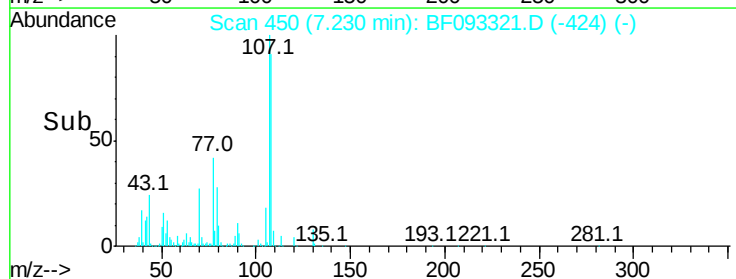
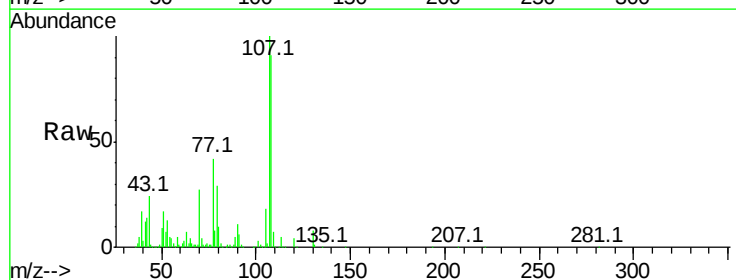
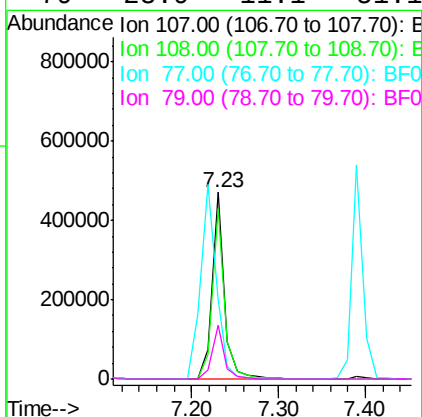
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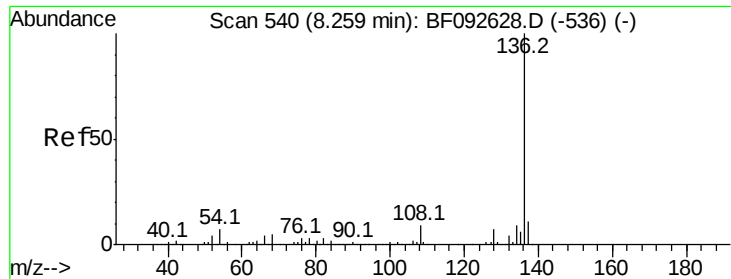
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#20
3+4-Methylphenols
Concen: 43.33 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	73.0	113.0
77	42.3	71.3	111.3#
79	28.9	11.1	51.1





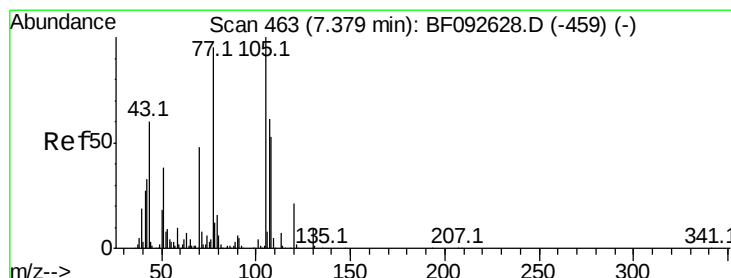
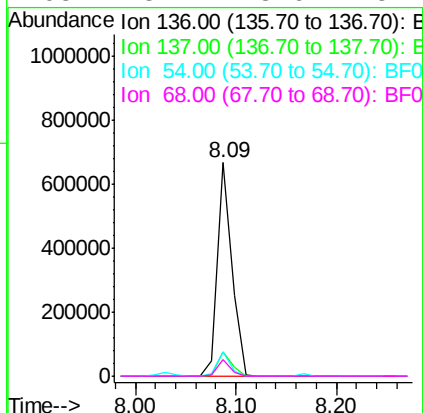
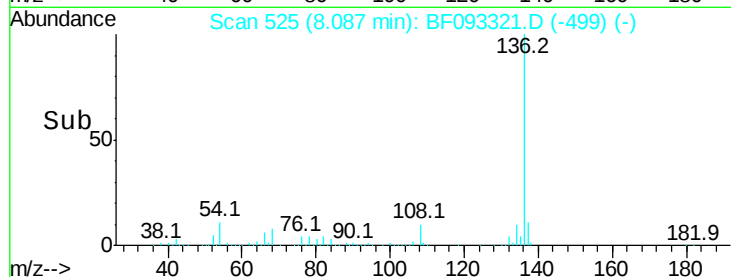
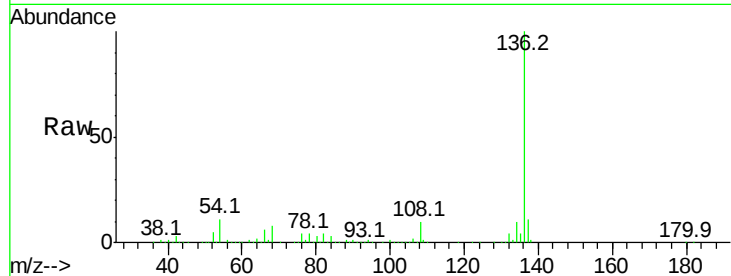
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		669144		
137	11.2	8.4	12.6		
54	11.4	4.5	6.7#		
68	8.1	3.6	5.4#		

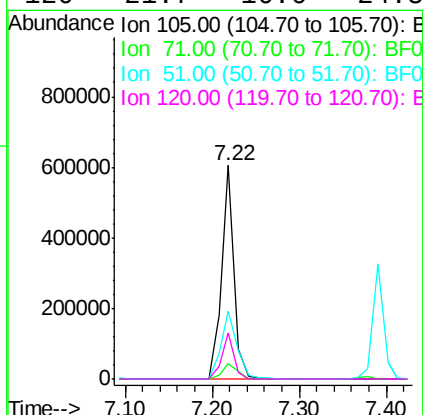
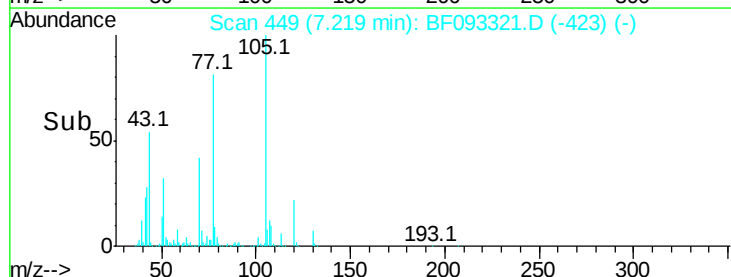
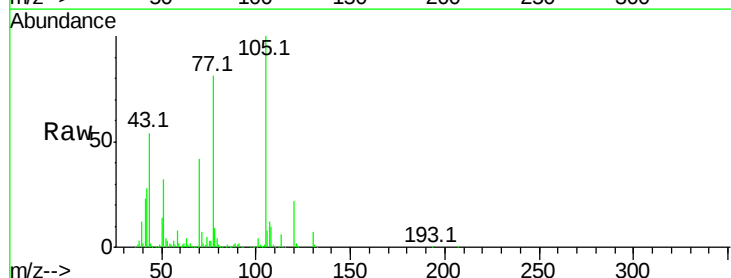
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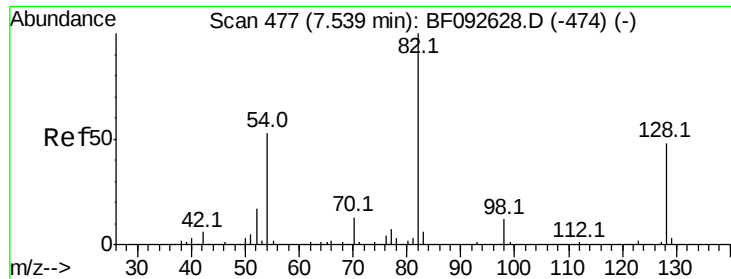
mohammad
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#22
Acetophenone
Concen: 39.83 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		608540		
71	7.0	3.2	4.8#		
51	31.7	26.2	39.4		
120	21.7	16.6	24.8		





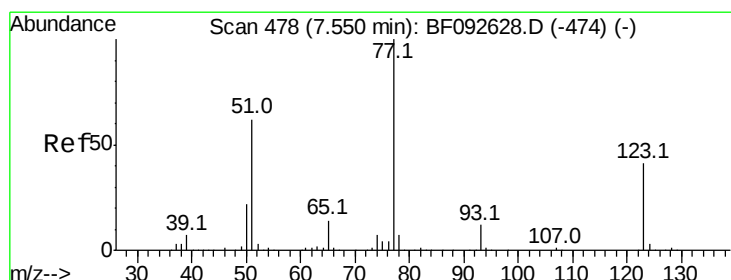
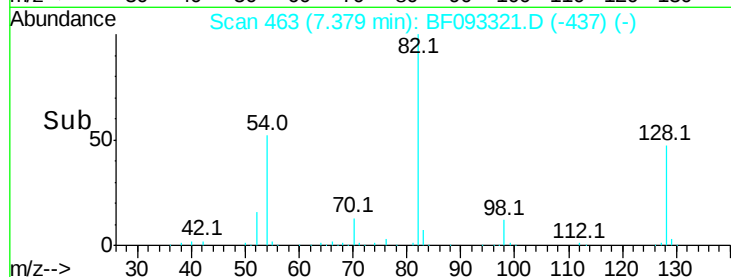
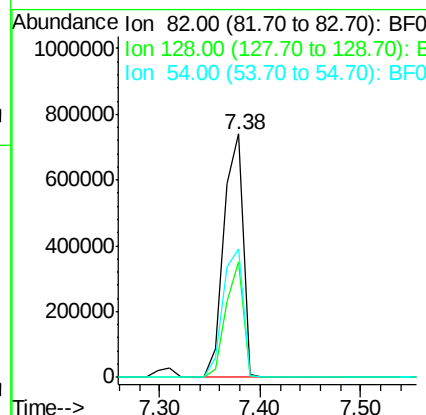
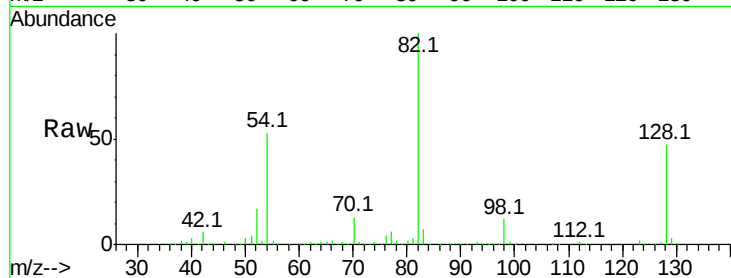
#23
 Nitrobenzene-d5
 Concen: 81.79 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.6	52.0
54	53.0	39.5	59.3

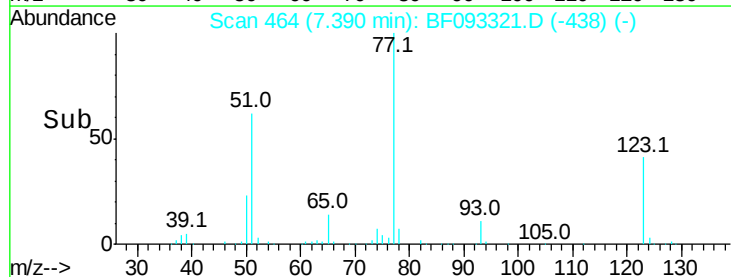
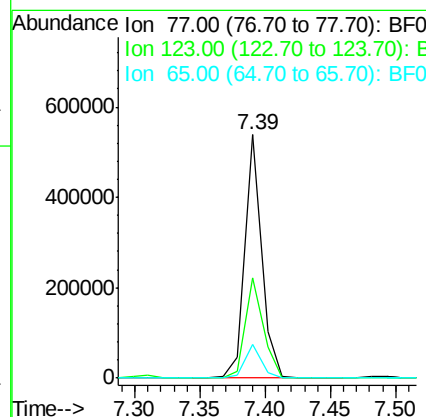
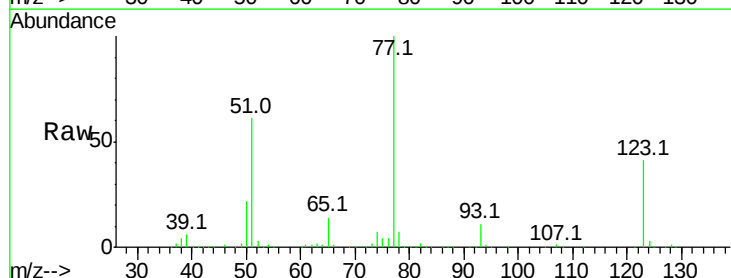
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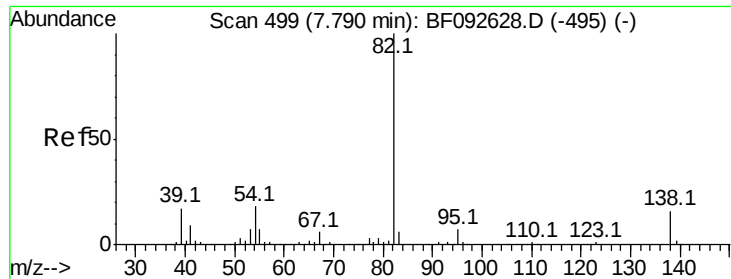
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#24
 Nitrobenzene
 Concen: 38.80 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.2	33.0	49.4
65	14.0	11.2	16.8





#25

Isophorone

Concen: 39.97 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Instrument :

BNA_F

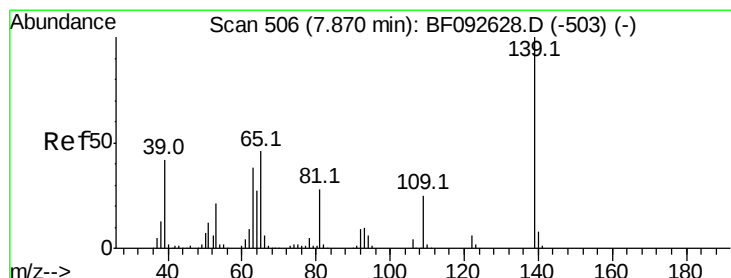
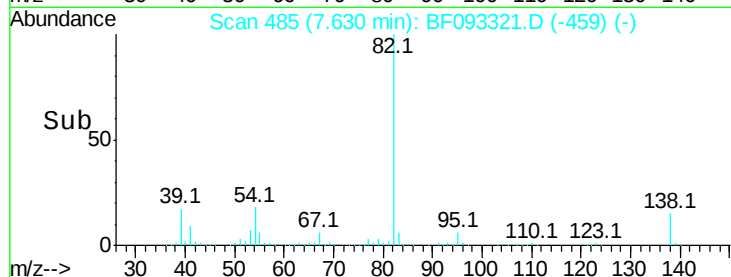
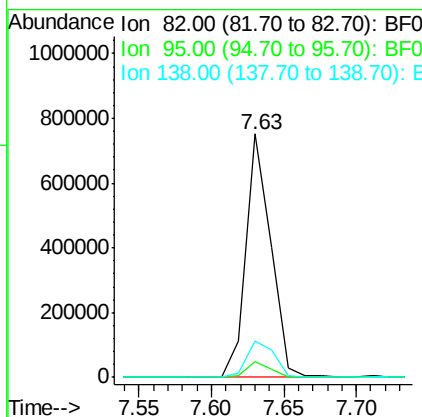
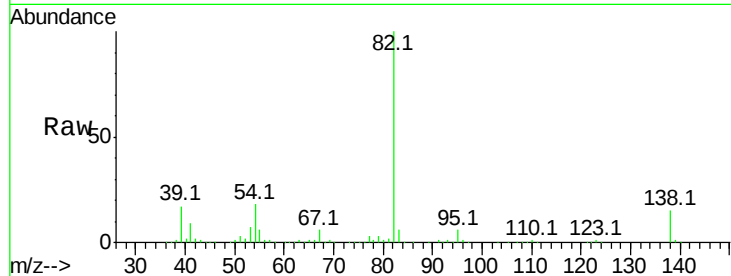
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	894973
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.6	8.4
138	15.1	14.6	22.0

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#26

2-Nitrophenol

Concen: 42.34 ng

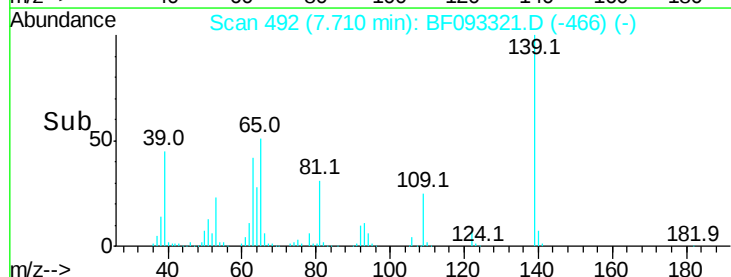
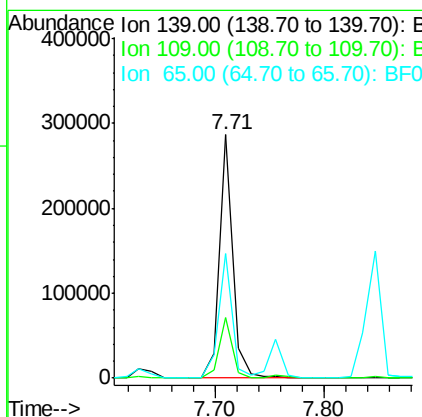
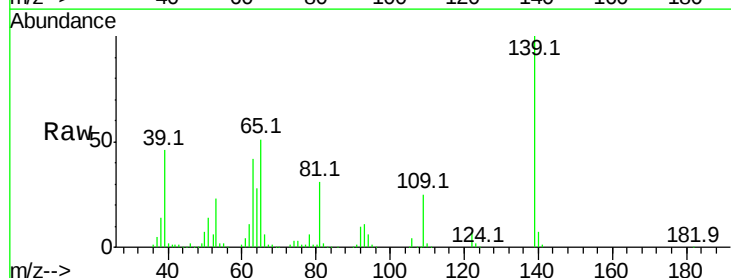
RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Tgt Ion:	139	Resp:	248324
Ion Ratio	Lower	Upper	
139	100		
109	24.9	23.3	34.9
65	51.3	42.7	64.1





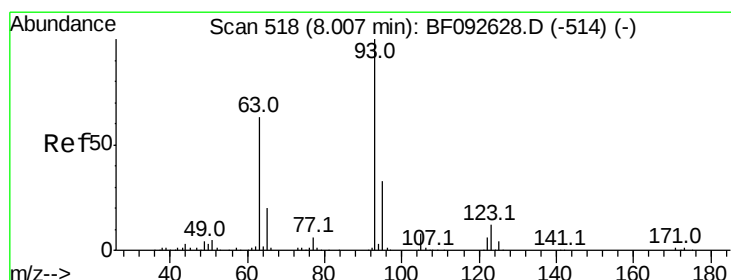
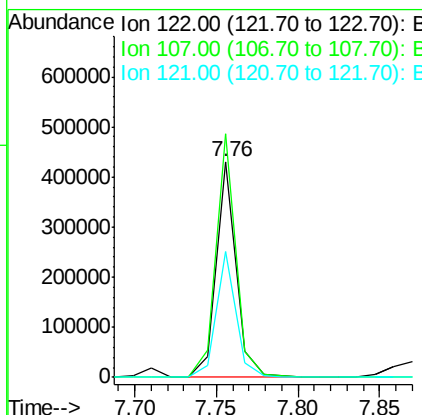
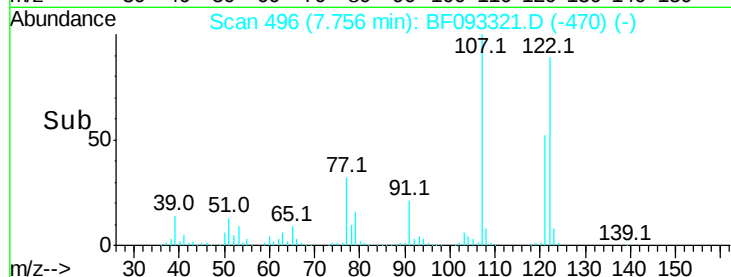
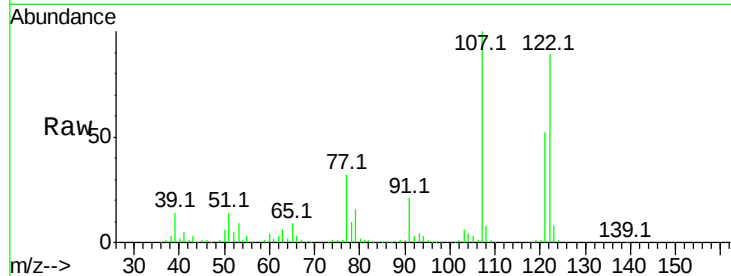
#27
2,4-Dimethylphenol
Concen: 35.48 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.0	94.1	141.1
121	58.7	46.0	69.0

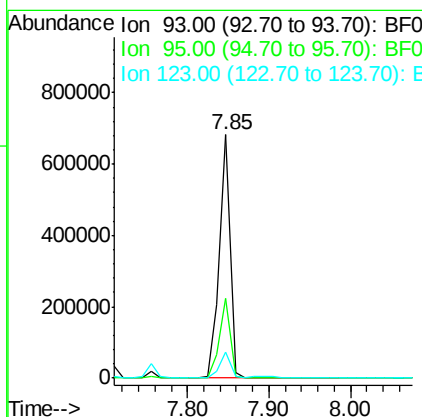
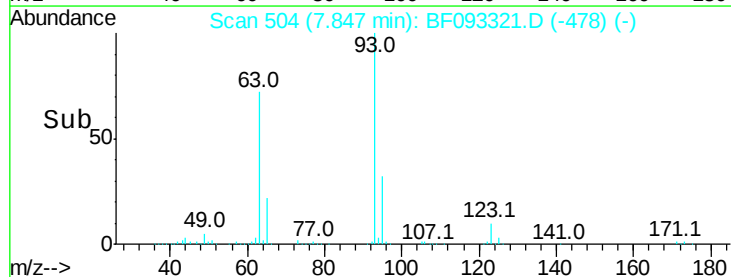
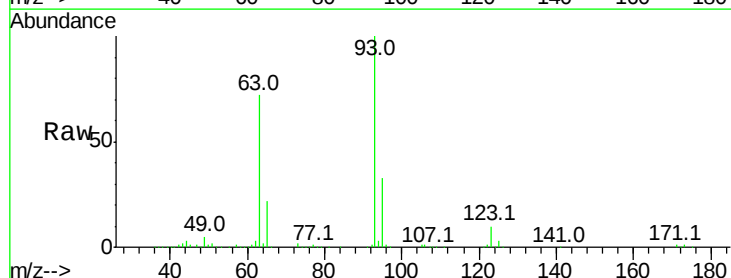
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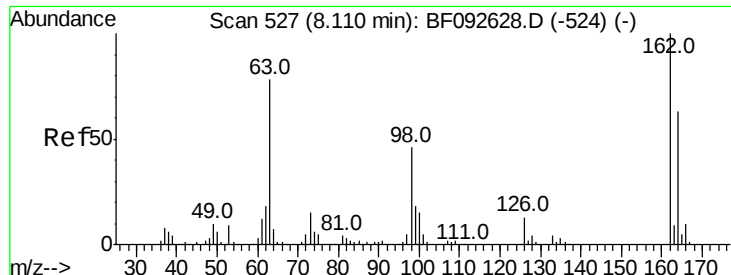
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.41 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	10.5	8.6	13.0





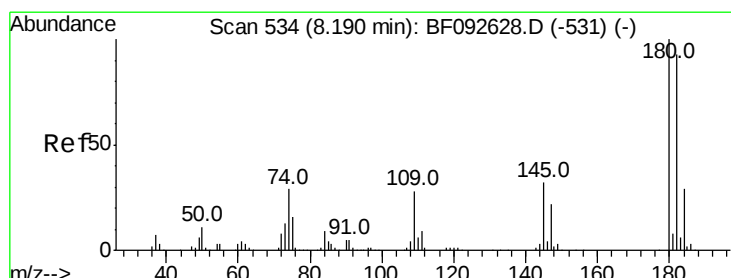
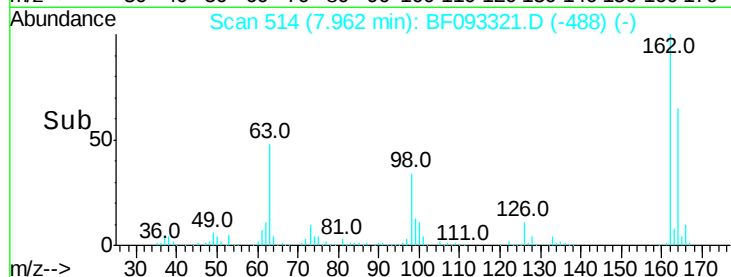
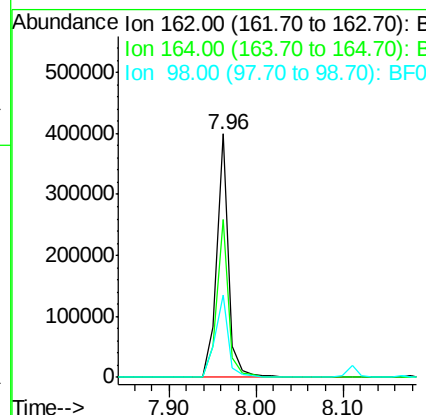
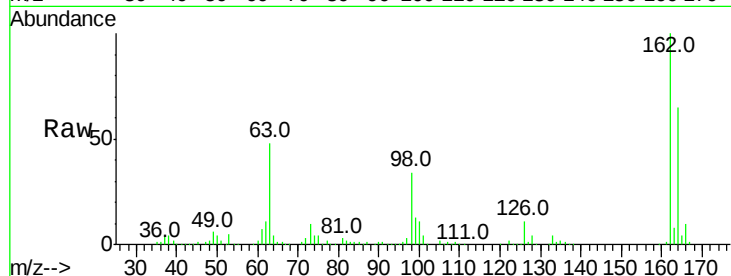
#29
 2,4-Dichlorophenol
 Concen: 39.80 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	382327		
164	64.7	46.8	86.8	
98	33.9	9.1	49.1	

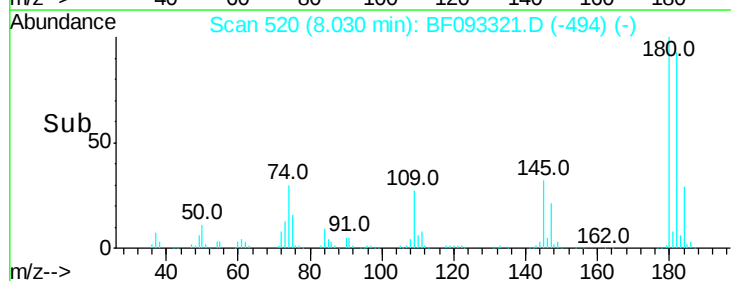
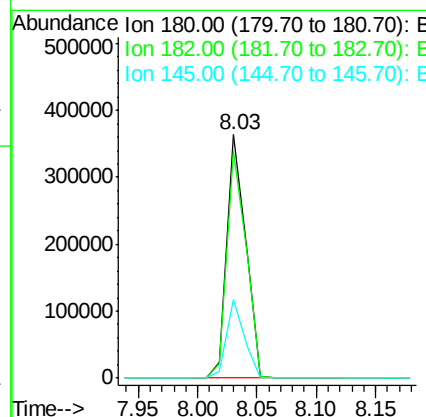
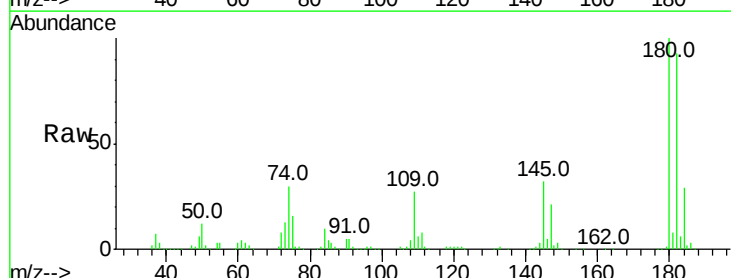
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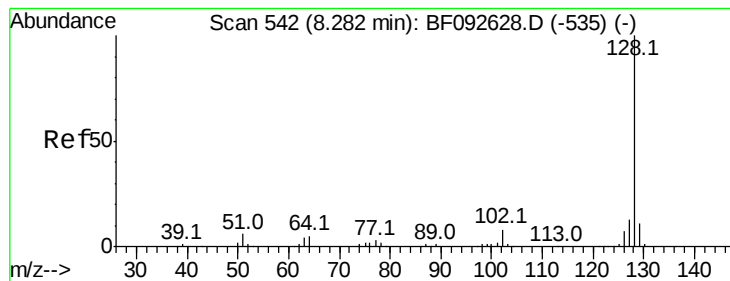
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.20 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	395418		
182	93.3	78.2	117.4	
145	32.4	21.6	32.4#	





#31

Naphthalene

Concen: 37.06 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1257171

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

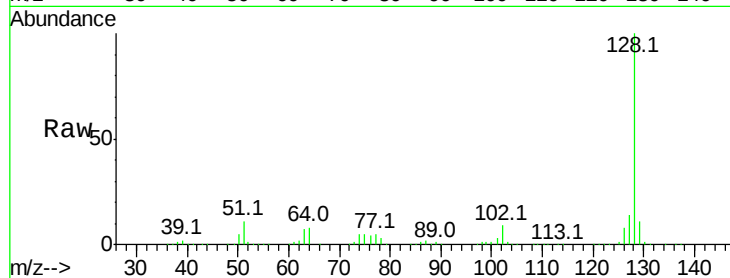
127 13.8 10.8 16.2

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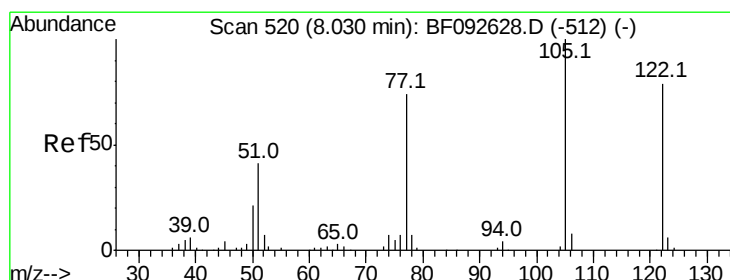
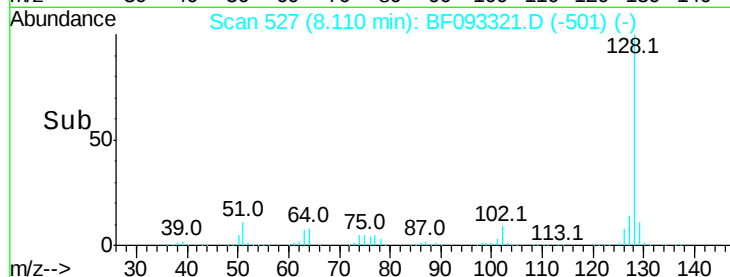
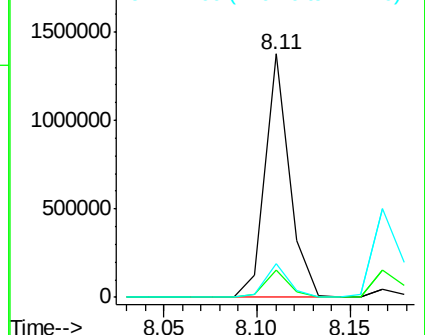
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.38 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

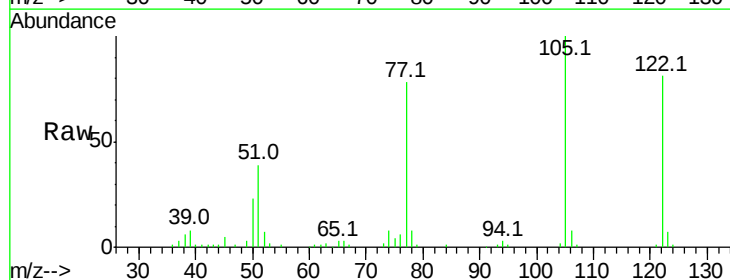
Tgt Ion:122 Resp: 214166

Ion Ratio Lower Upper

122 100

105 123.5 107.2 147.2

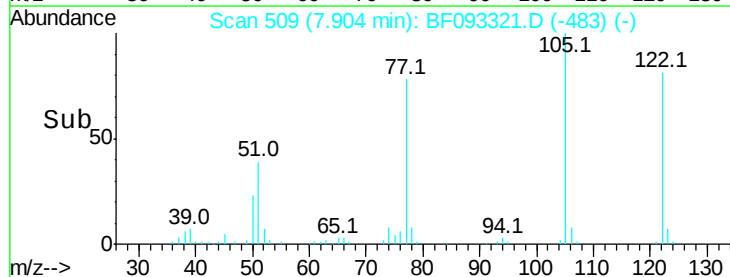
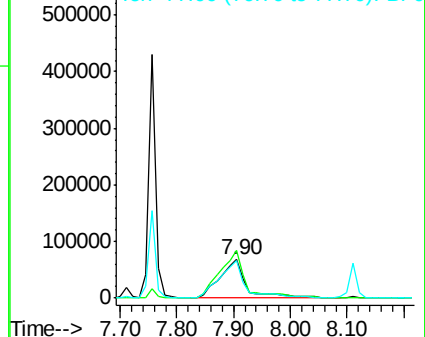
77 96.3 74.5 114.5



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





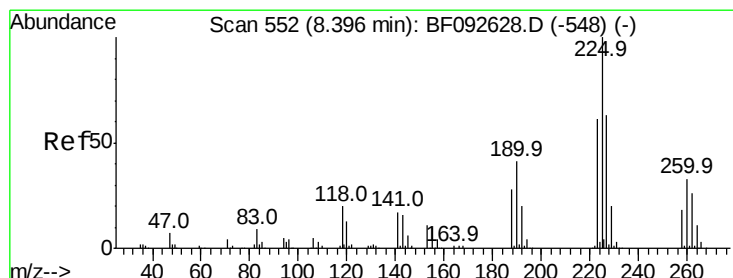
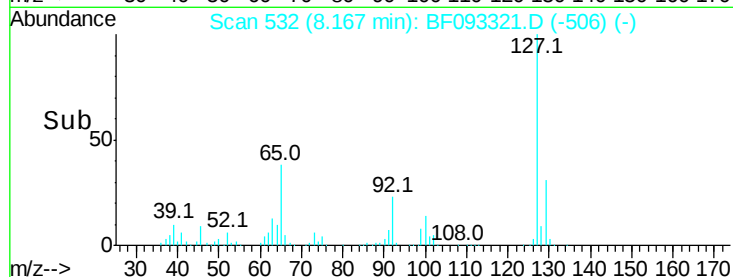
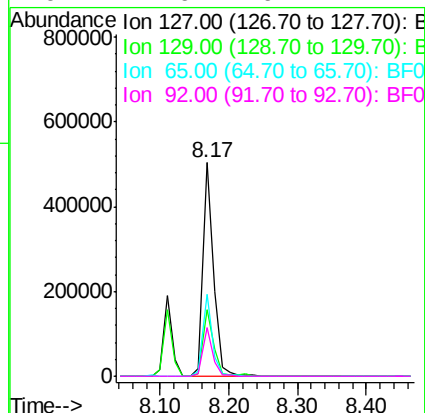
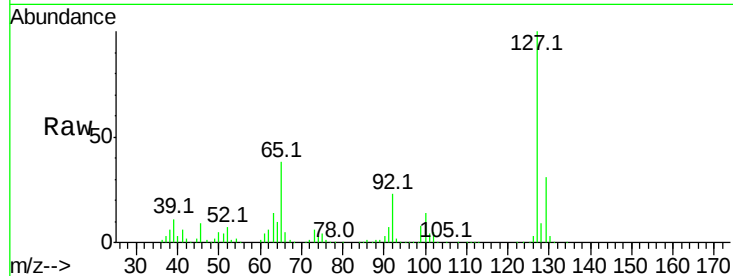
#33
4-Chloroaniline
Concen: 39.52 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.3	26.3	39.5	
65	38.3	25.8	38.8	
92	22.6	16.1	24.1	

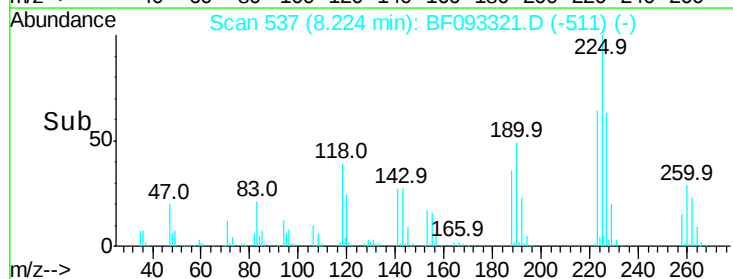
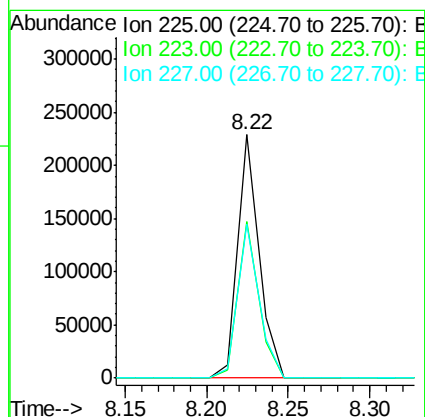
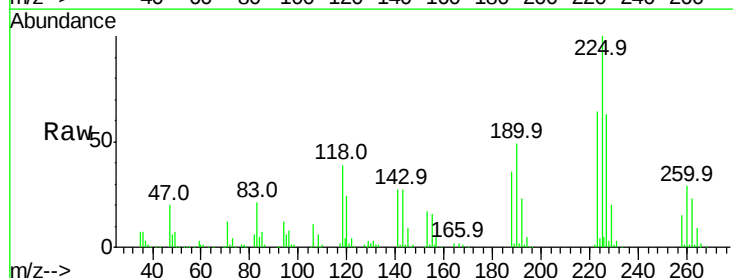
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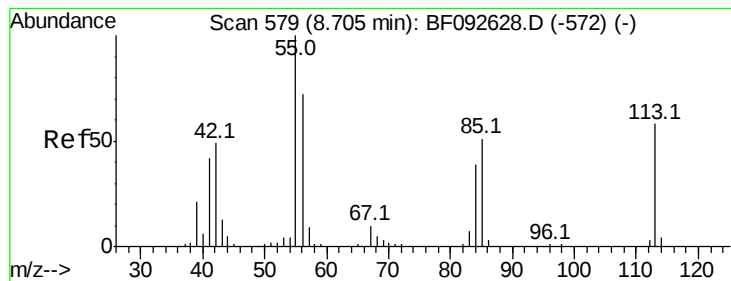
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#34
Hexachlorobutadiene
Concen: 36.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	51.0	76.6	
227	63.2	50.6	76.0	





#35

Caprolactam

Concen: 44.31 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 133905

Ion Ratio Lower Upper

113 100

55 232.4 119.2 159.2#

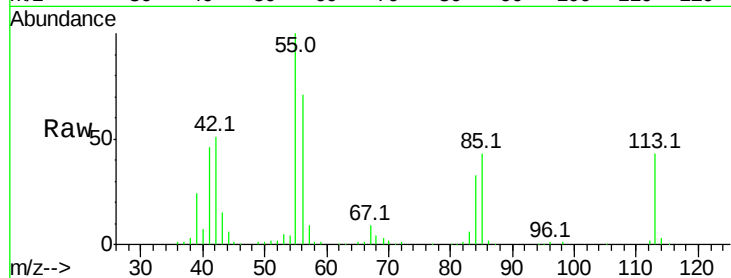
56 164.6 83.8 123.8#

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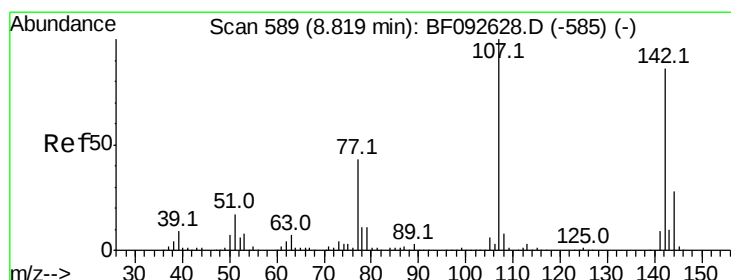
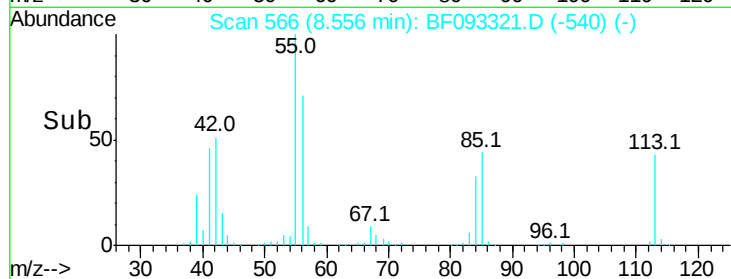
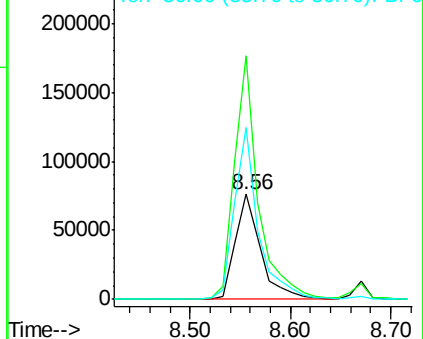
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.71 ng

RT: 8.67 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

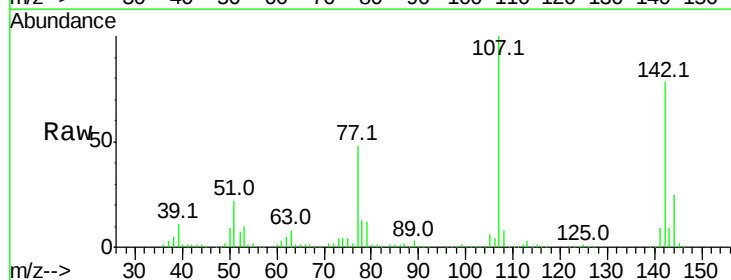
Tgt Ion:107 Resp: 437801

Ion Ratio Lower Upper

107 100

144 24.7 19.3 28.9

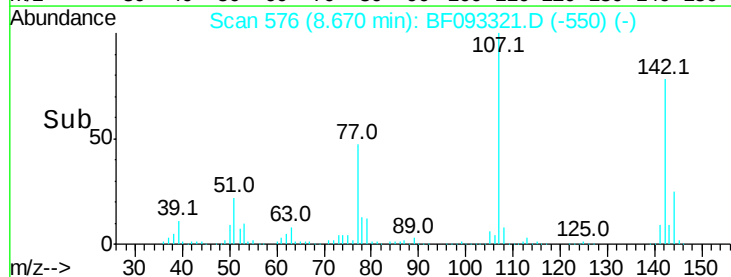
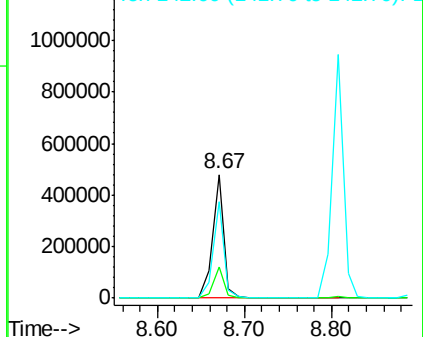
142 77.5 59.0 88.6

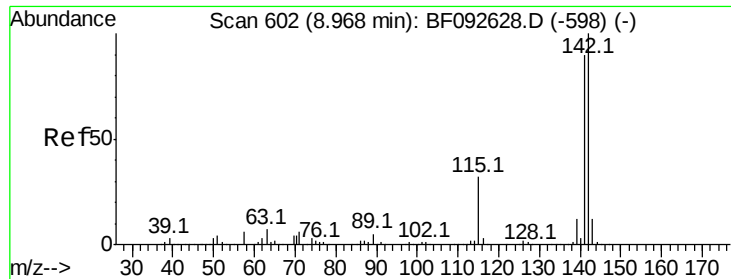


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





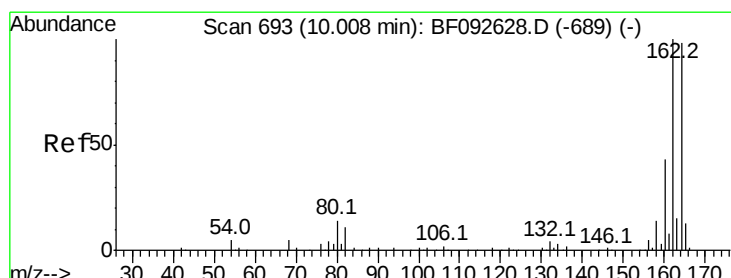
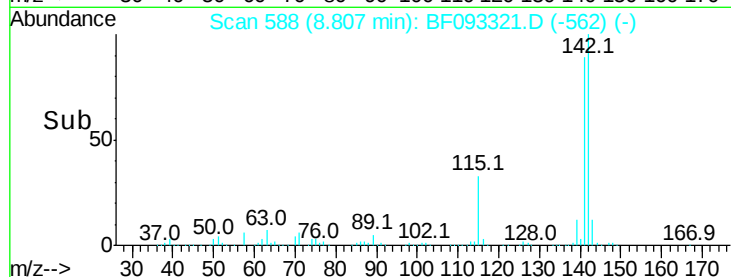
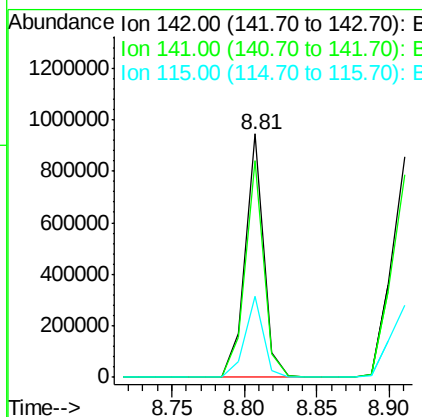
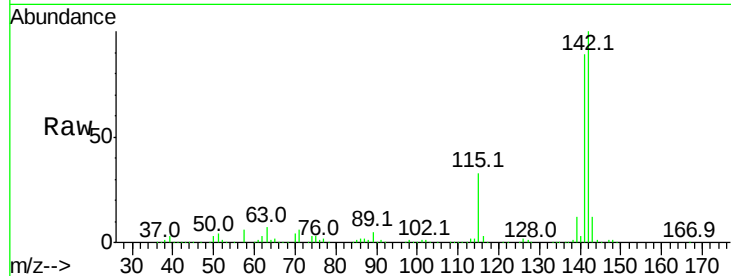
#37
 2-Methylnaphthalene
 Concen: 38.50 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	33.3	28.3	42.5

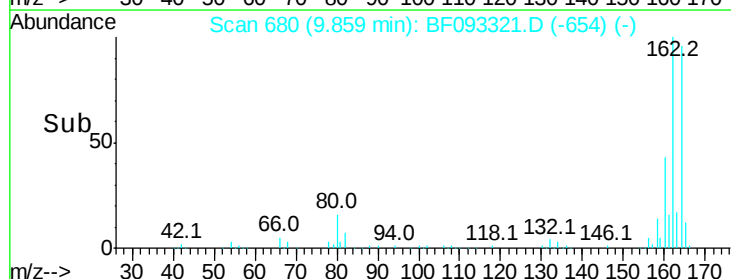
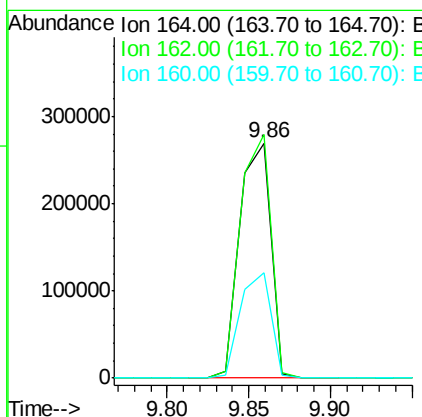
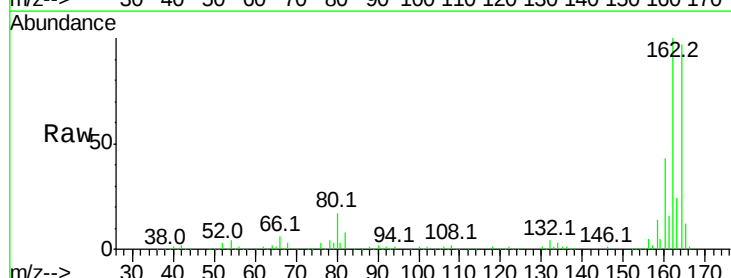
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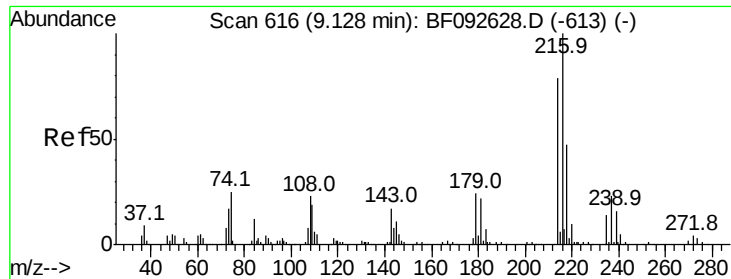
mohammad
 3/3/2017 5:16:30 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.2	120.2
160	44.6	36.9	55.3





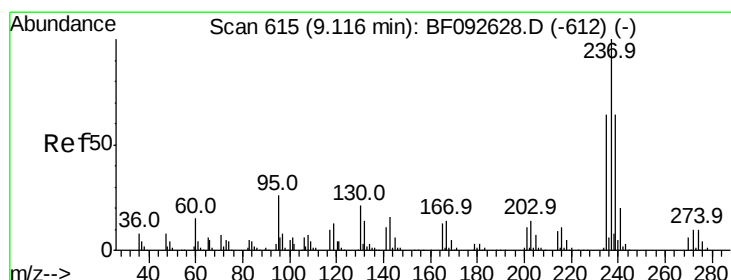
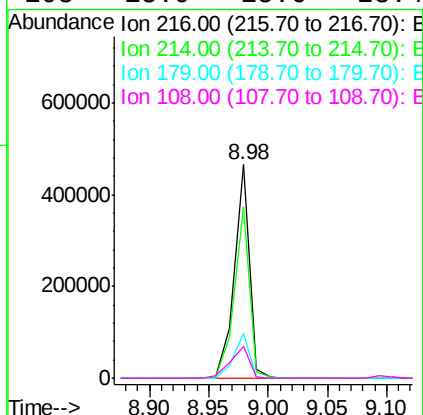
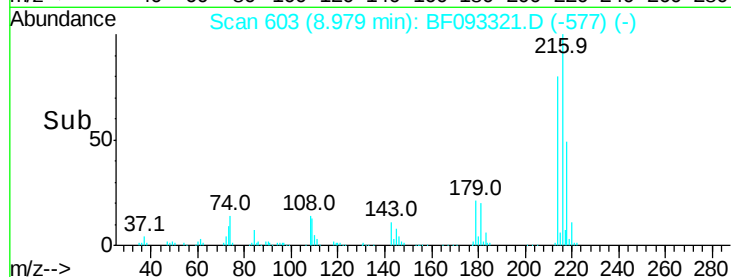
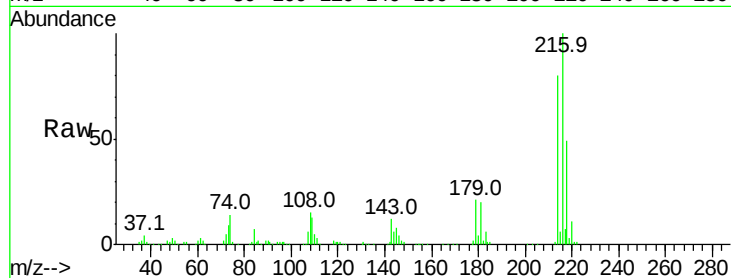
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.15 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	216	Resp:	410547
Ion Ratio	Lower	Upper	
216	100		
214	80.4	63.4	95.0
179	21.8	17.4	26.2
108	18.9	15.6	23.4

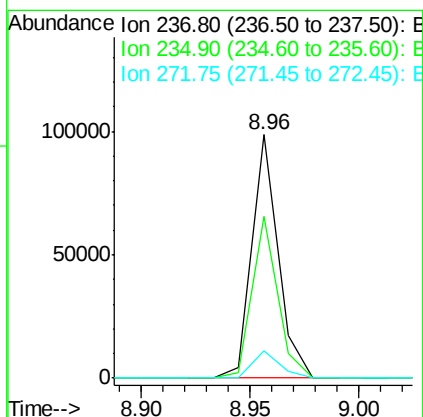
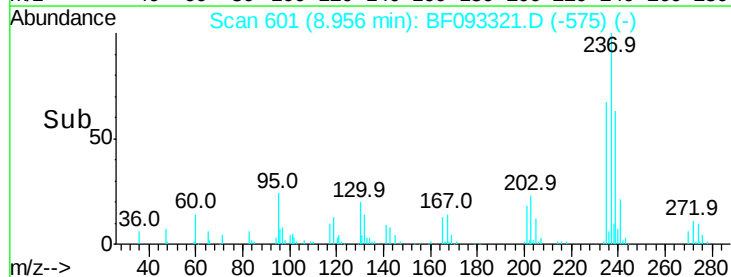
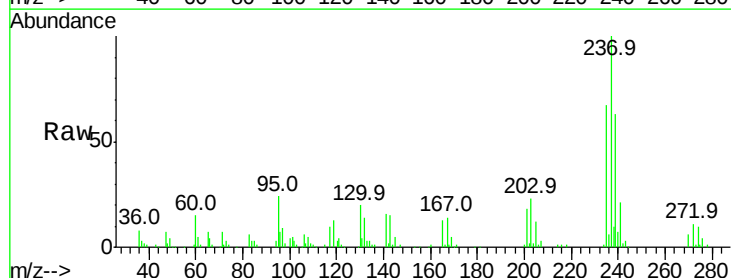
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#40
 Hexachlorocyclopentadiene
 Concen: 18.32 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Tgt Ion:	237	Resp:	82481
Ion Ratio	Lower	Upper	
237	100		
235	66.6	41.2	81.2
272	11.3	0.0	35.4





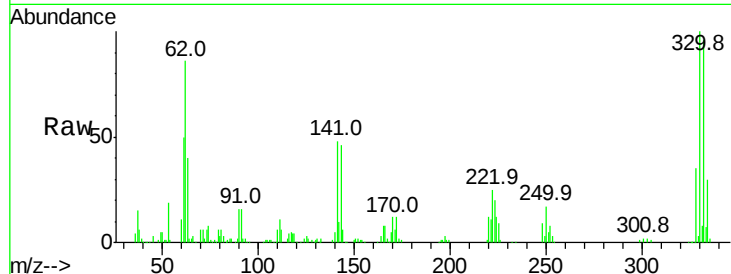
#41
 2,4,6-Tribromophenol
 Concen: 75.45 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

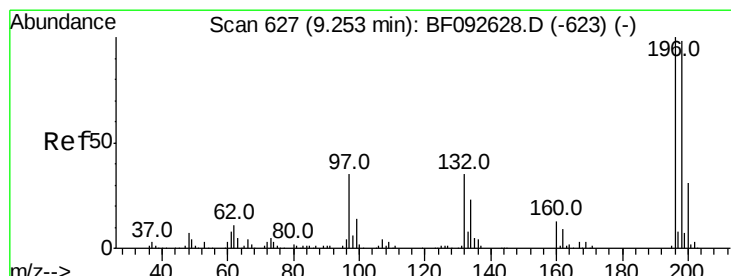
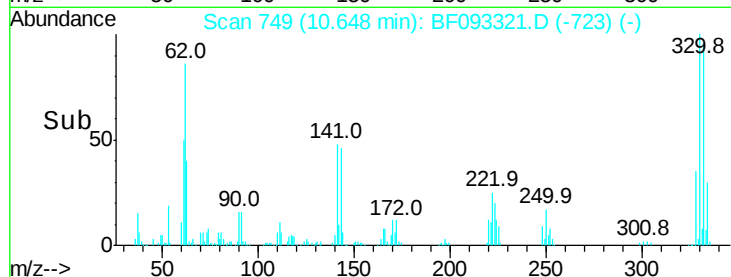
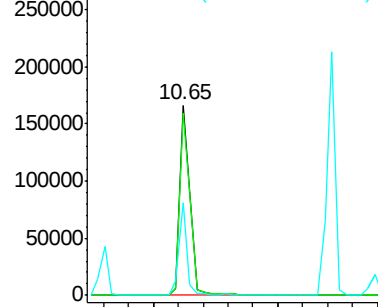
Tot Ion	Ratio	Resp	Lower	Upper
330	100	193967		
332	96.3	77.4	116.2	
141	37.5	34.1	51.1	

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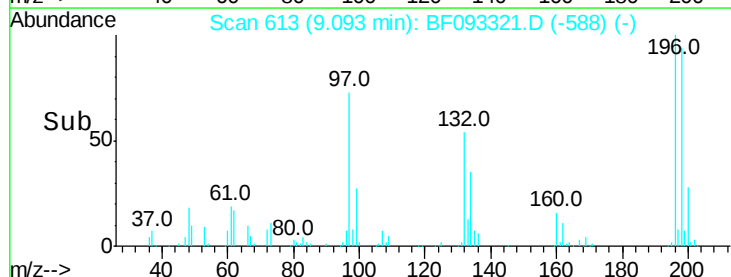
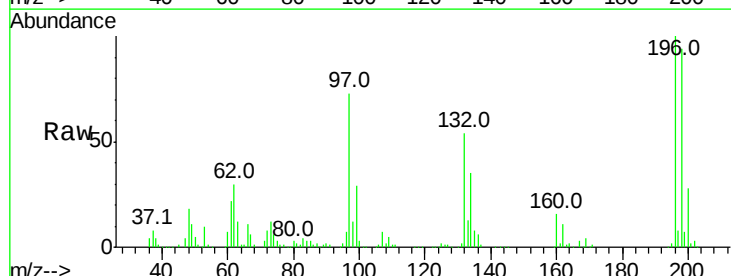
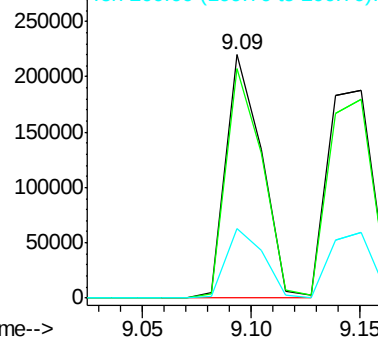
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

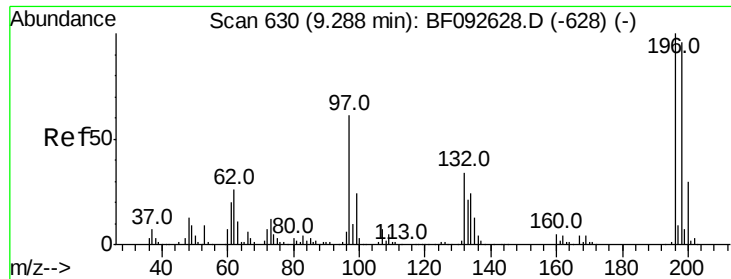


#42
 2,4,6-Trichlorophenol
 Concen: 38.55 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	252728		
198	94.1	82.1	123.1	
200	28.4	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





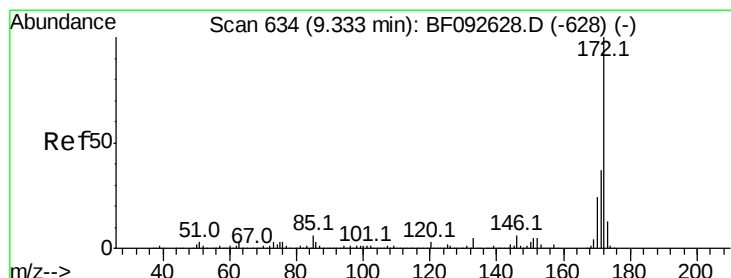
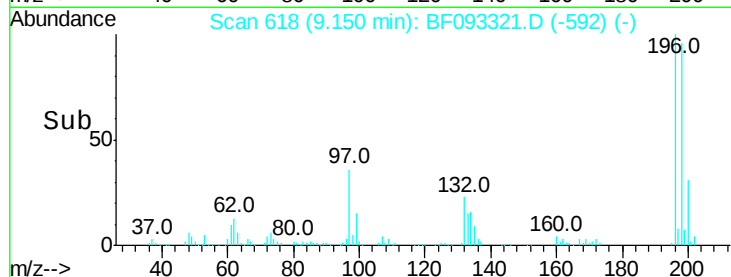
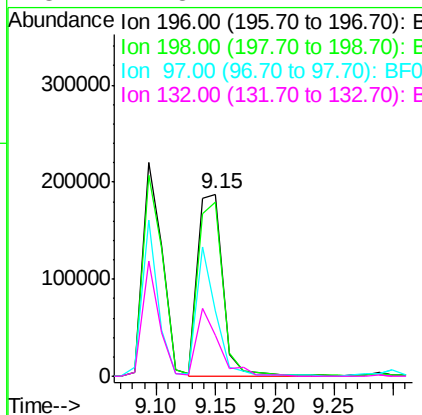
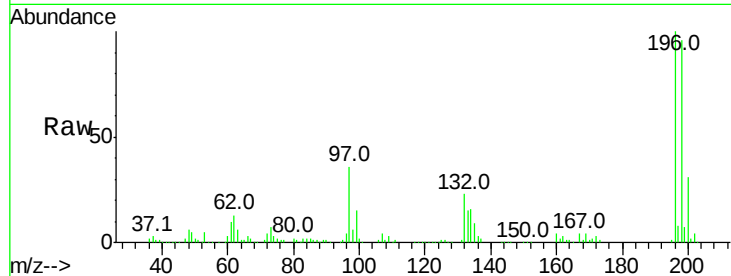
#43
 2,4,5-Trichlorophenol
 Concen: 38.79 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	278672		
198	95.6	79.4	119.2	
97	35.8	51.5	77.3	
132	22.8	27.4	41.2	

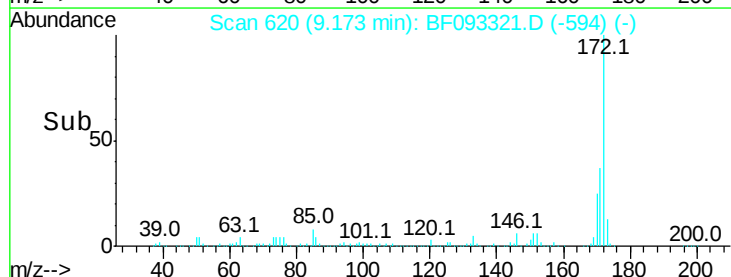
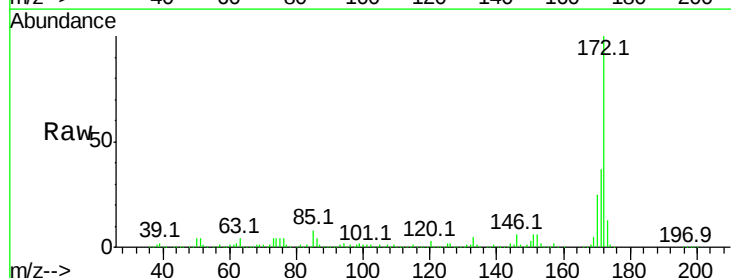
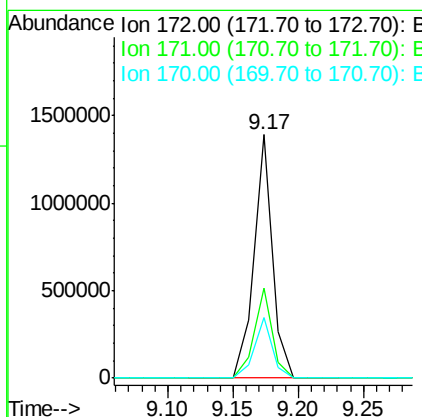
Manual Integrations
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 3/3/2017 5:16:30 PM



#44
 2-Fluorobiphenyl
 Concen: 69.78 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1369026		
171	36.8	29.4	44.0	
170	24.9	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 40.60 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1045128

Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

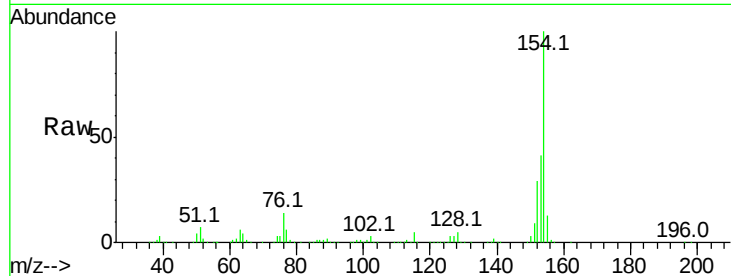
76 14.4 0.0 30.5

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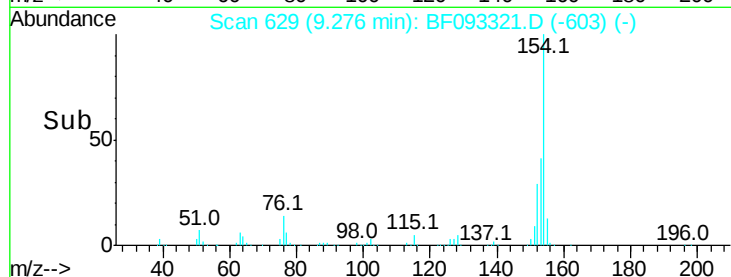
3/3/2017 5:16:30 PM



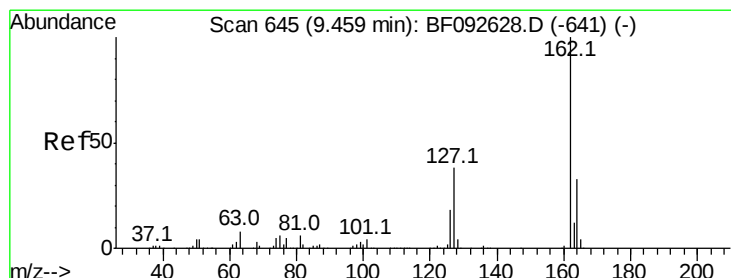
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



Time-->



#46

2-Chloronaphthalene

Concen: 38.58 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

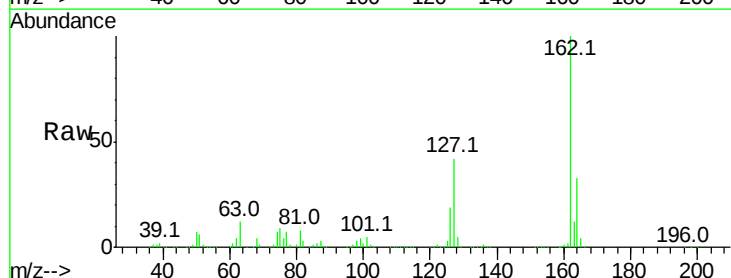
Tgt Ion:162 Resp: 776758

Ion Ratio Lower Upper

162 100

127 42.3 30.7 46.1

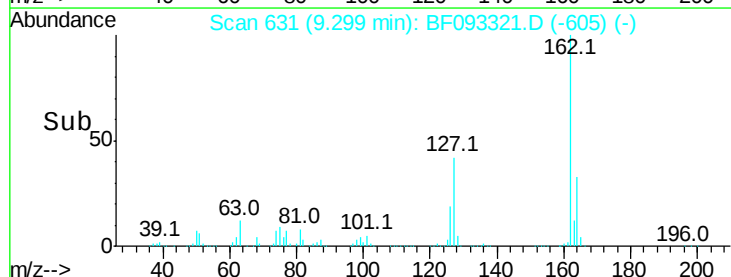
164 32.6 27.6 41.4



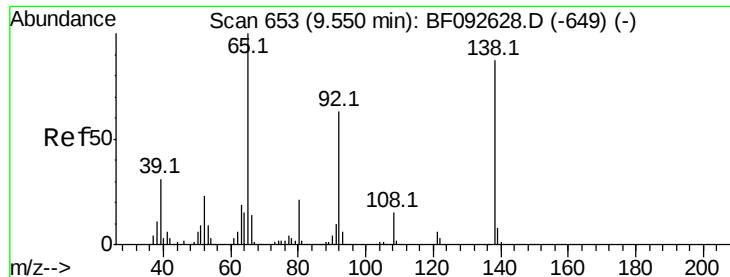
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#47

2-Nitroaniline

Concen: 44.44 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 65 Resp: 300842

Ion Ratio Lower Upper

65 100

92 63.0 53.9 80.9

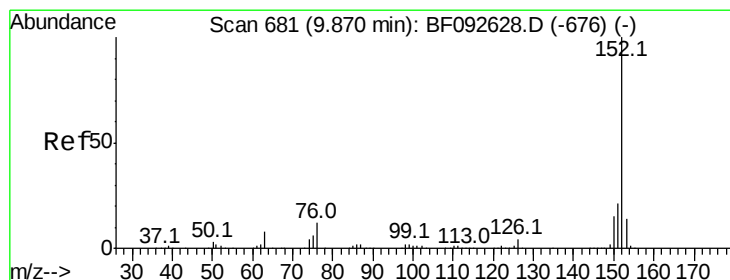
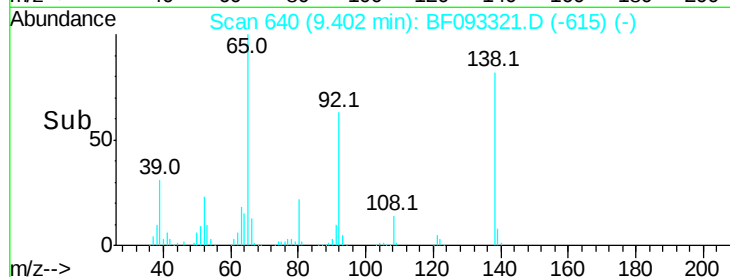
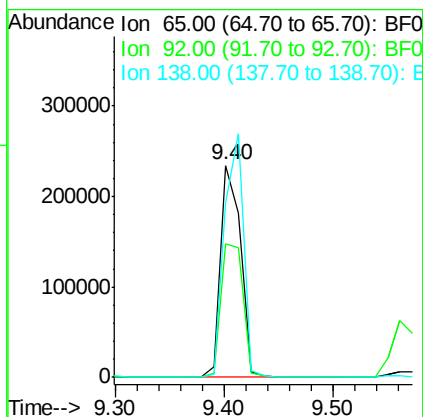
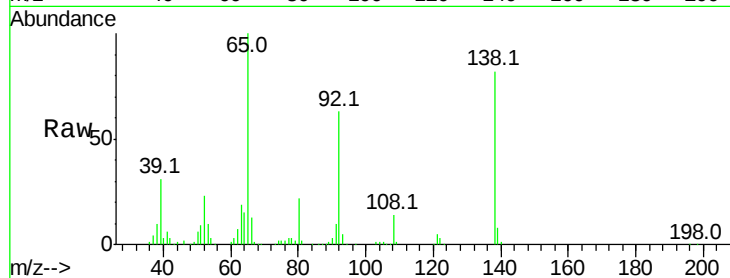
138 82.4 76.8 115.2

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#48

Acenaphthylene

Concen: 38.99 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

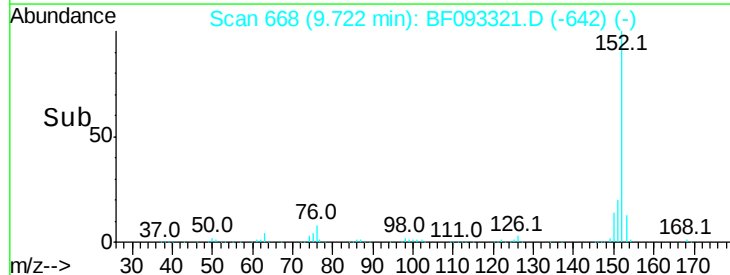
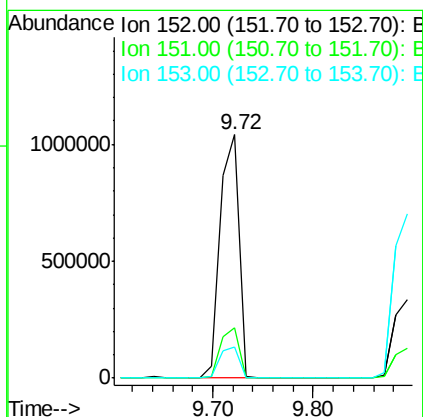
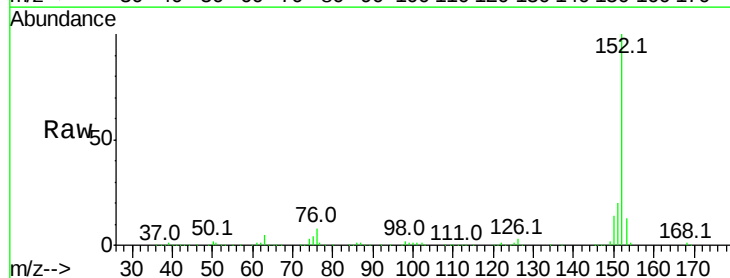
Tgt Ion: 152 Resp: 1356150

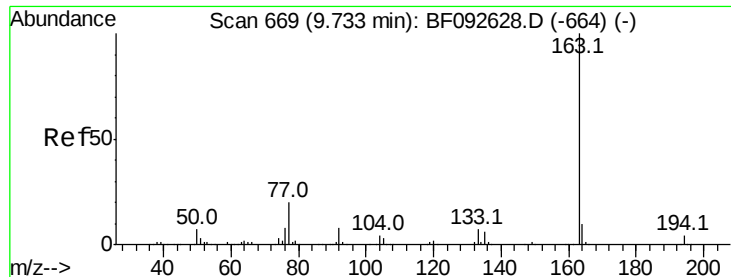
Ion Ratio Lower Upper

152 100

151 20.4 16.9 25.3

153 12.7 11.4 17.2





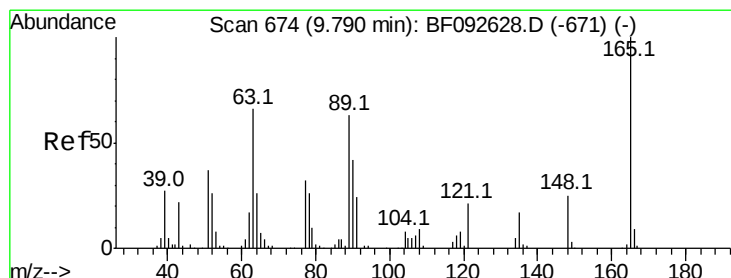
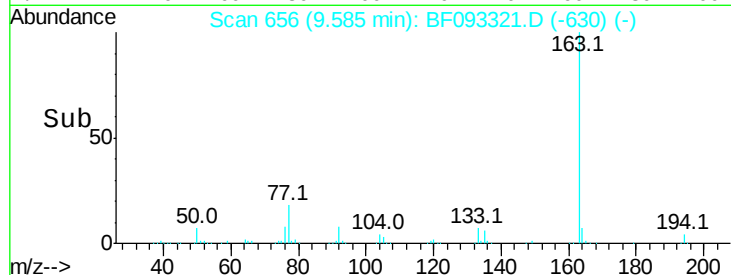
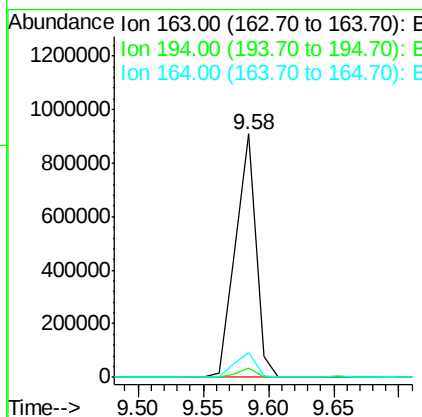
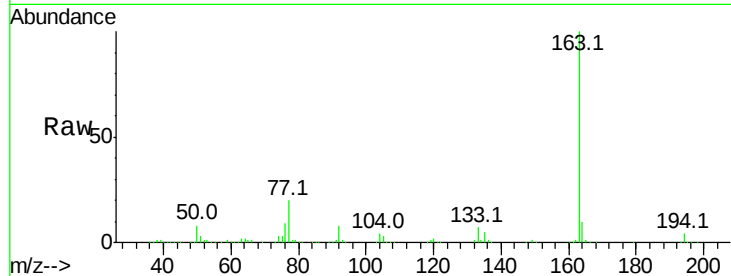
#49
Dimethylphthalate
Concen: 41.25 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
163	100	987688		
194	3.6		3.0	4.4
164	10.1		8.0	12.0

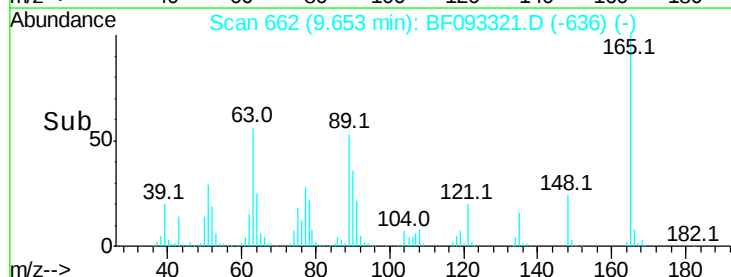
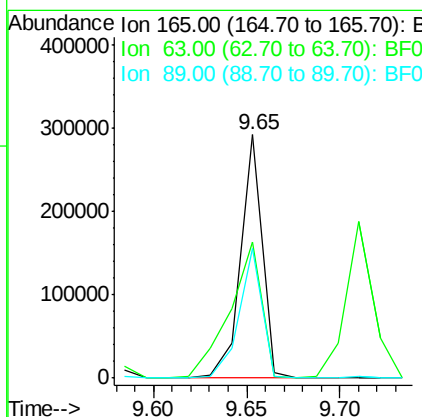
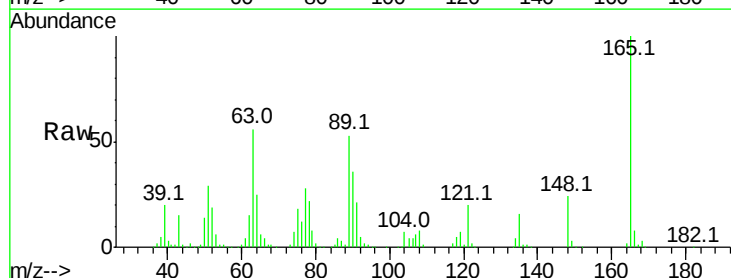
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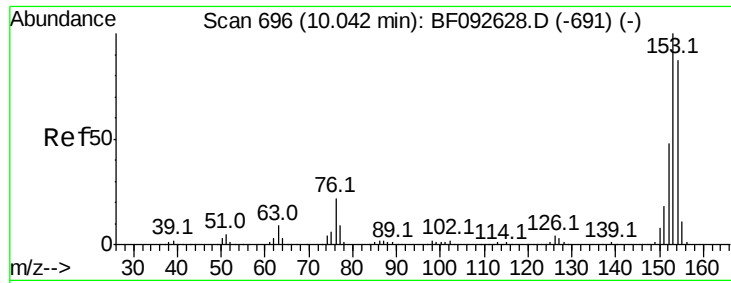
mohammad
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#50
2,6-Dinitrotoluene
Concen: 45.80 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	236822		
63	56.1		36.2	54.4#
89	53.4		40.2	60.4





#51

Acenaphthene

Concen: 37.82 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Instrument :

BNA_F

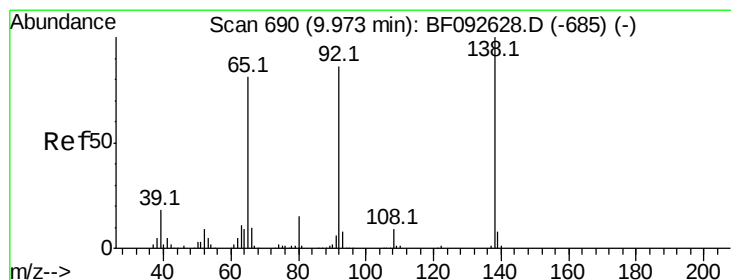
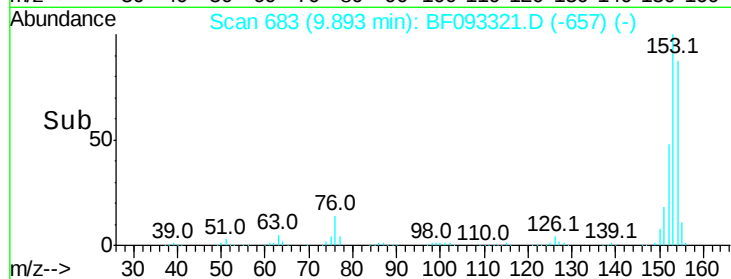
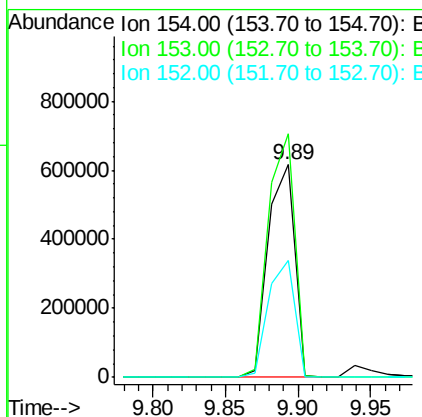
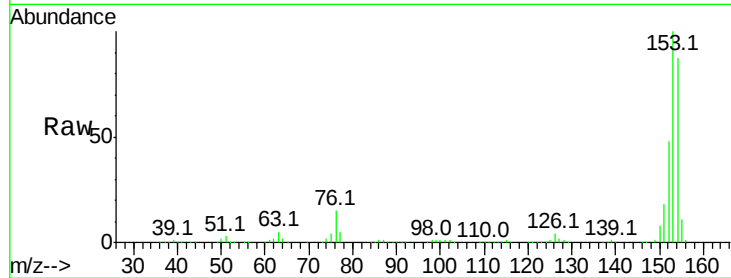
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	786531
Ion Ratio	Lower	Upper	
154	100		
153	114.5	88.6	133.0
152	54.9	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 47.28 ng

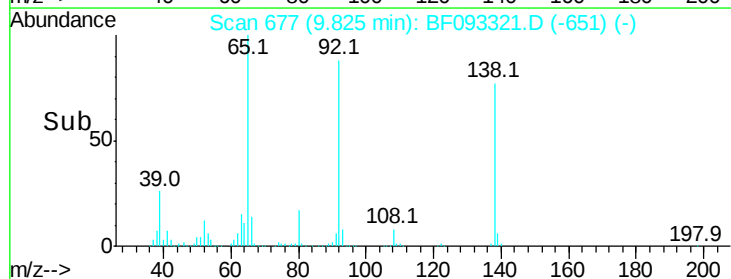
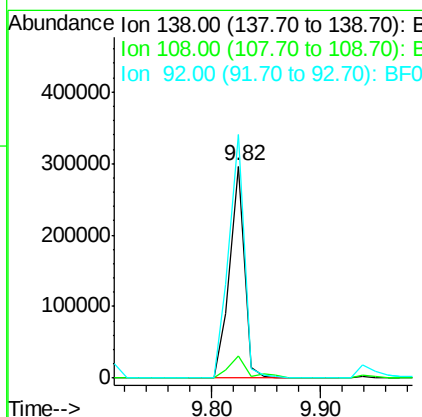
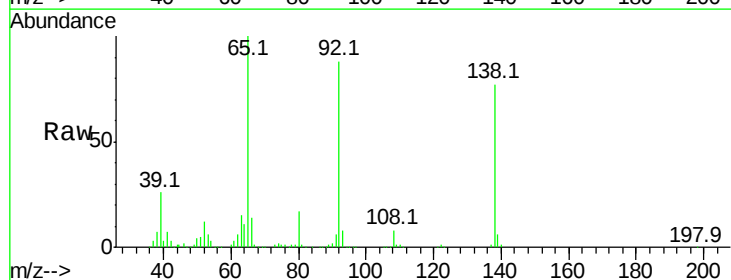
RT: 9.82 min Scan# 677

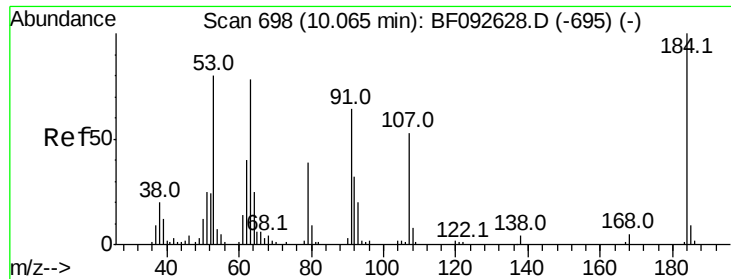
Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Tgt Ion:	138	Resp:	279791
Ion Ratio	Lower	Upper	
138	100		
108	10.4	8.5	12.7
92	114.9	97.8	146.8





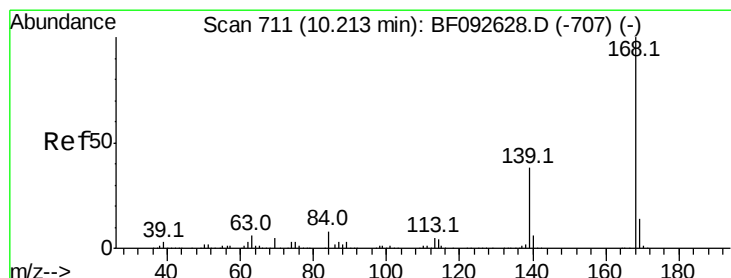
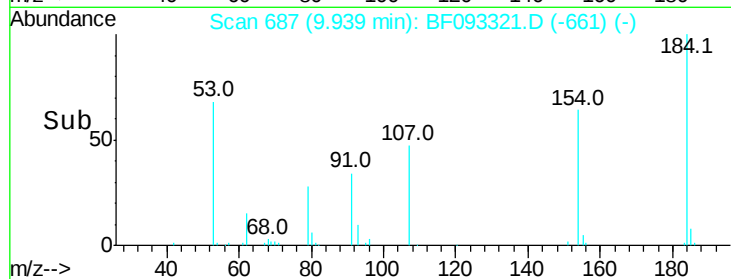
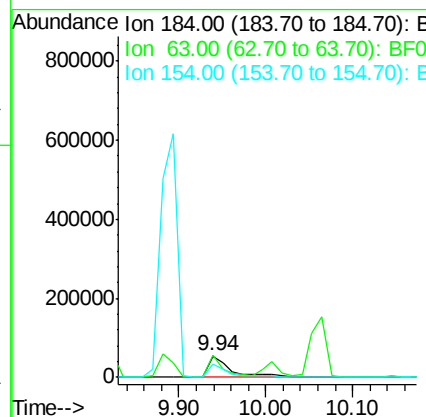
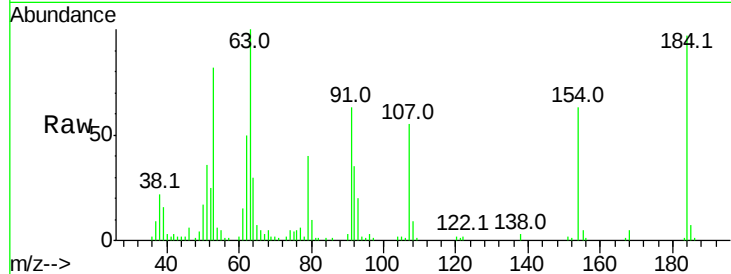
#53
2,4-Dinitrophenol
Concen: 40.43 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:184 Resp: 99784
Ion Ratio Lower Upper
184 100
63 103.2 28.4 42.6#
154 64.5 44.3 66.5

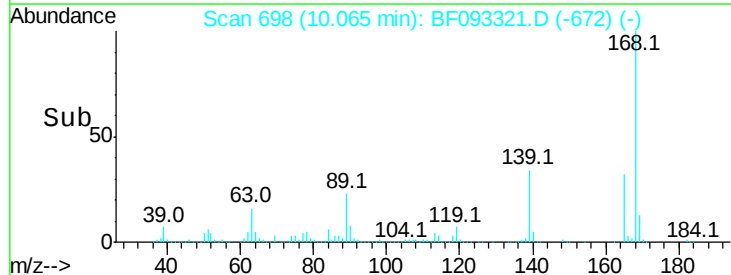
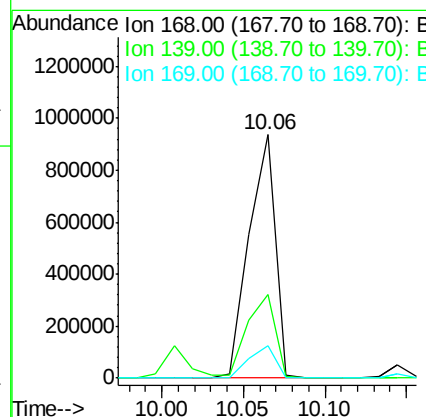
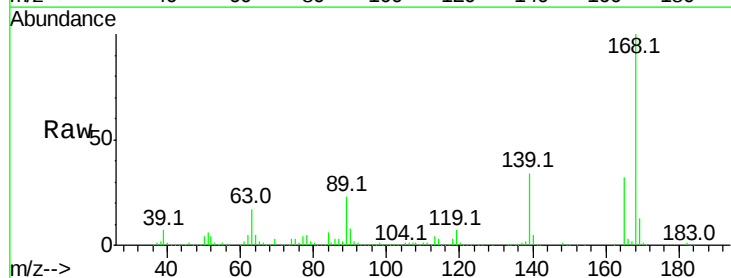
Manual Integrations
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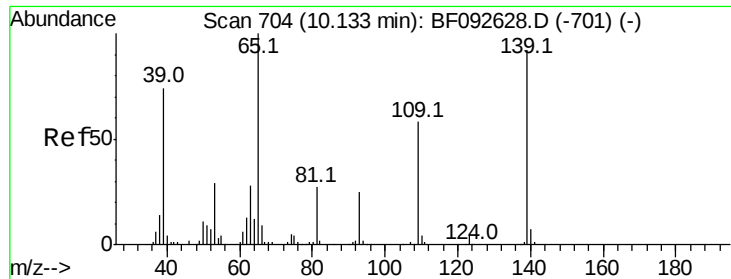
mohammad
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#54
Dibenzofuran
Concen: 37.50 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion:168 Resp: 1043121
Ion Ratio Lower Upper
168 100
139 34.4 32.6 49.0
169 13.5 11.3 16.9





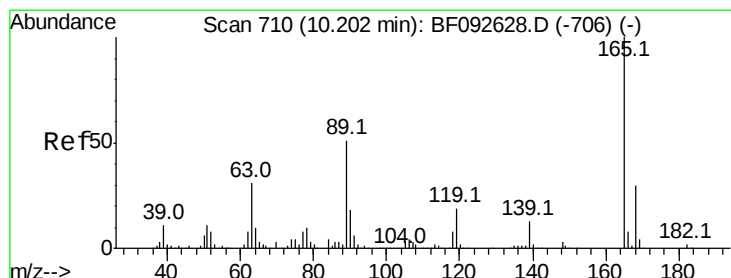
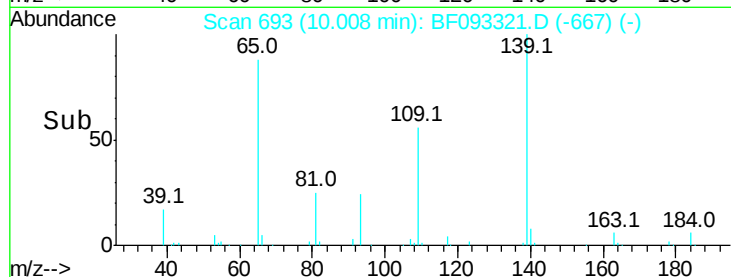
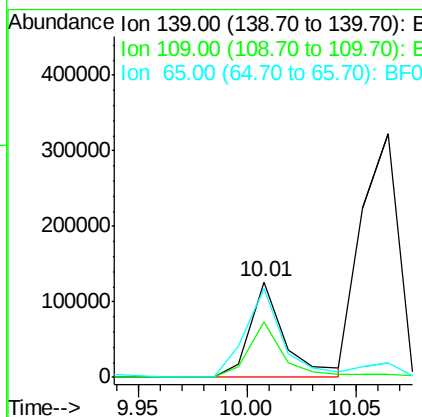
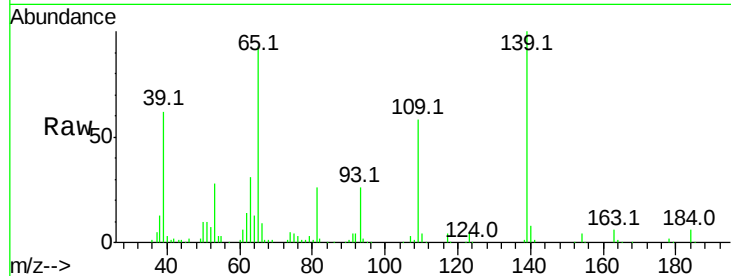
#55
4-Nitrophenol
Concen: 33.18 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
139	100	141416		
109	57.9	52.2	92.2	
65	92.6	85.8	125.8	

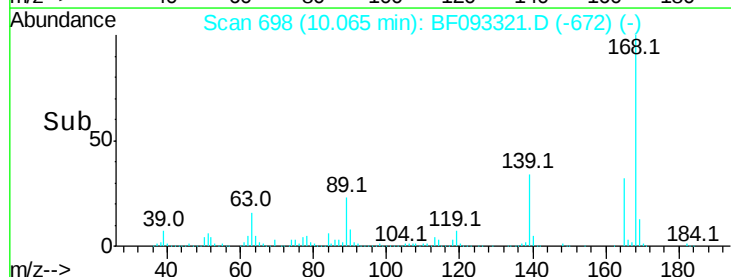
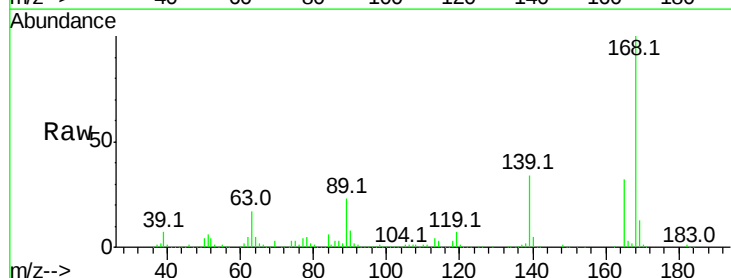
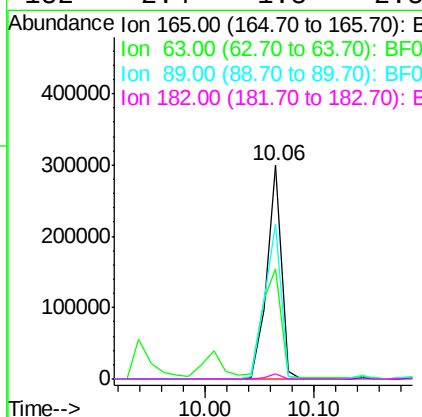
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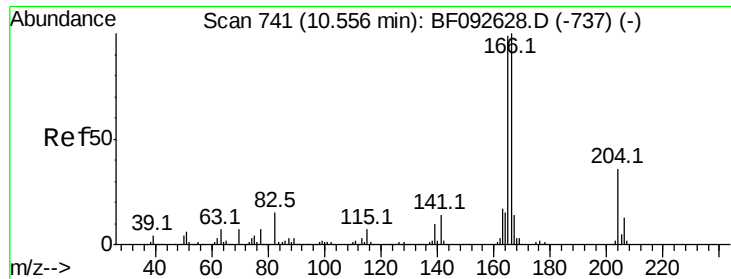
mohammad
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#56
2,4-Dinitrotoluene
Concen: 40.80 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	280875		
63	51.7	40.2	60.4	
89	72.3	62.5	93.7	
182	2.4	1.8	2.8	





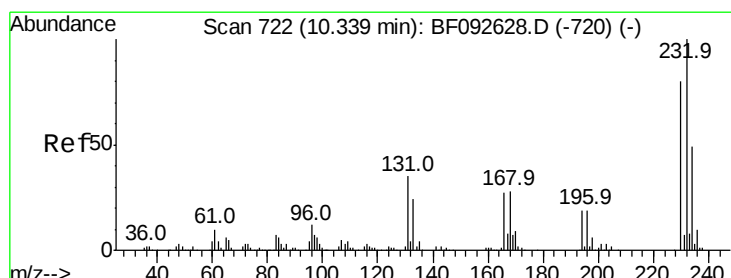
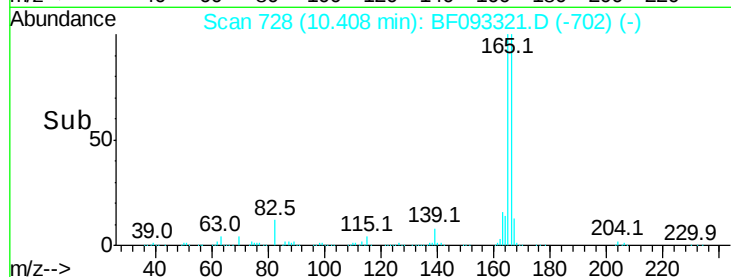
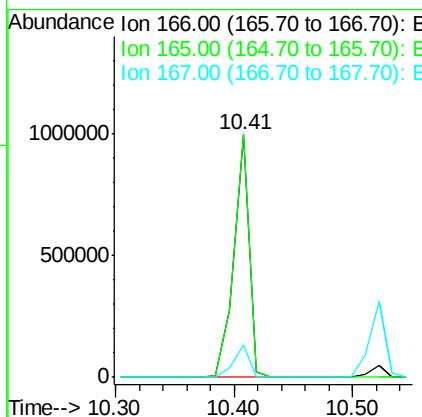
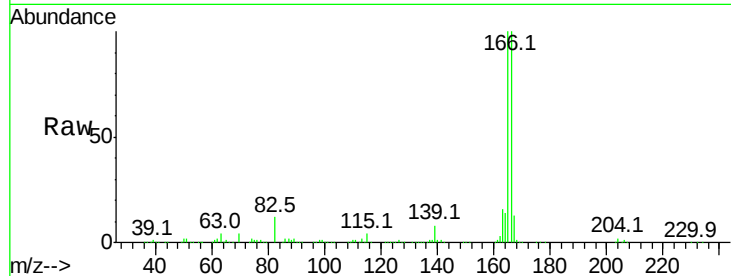
#57
 Fluorene
 Concen: 41.68 ng
 RT: 10.41 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
166	100	891888		
165	100.5		77.8	116.8
167	13.2		10.8	16.2

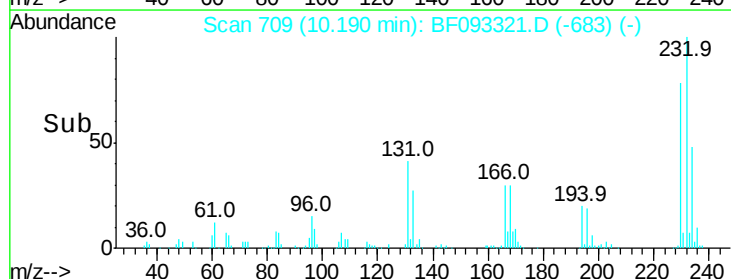
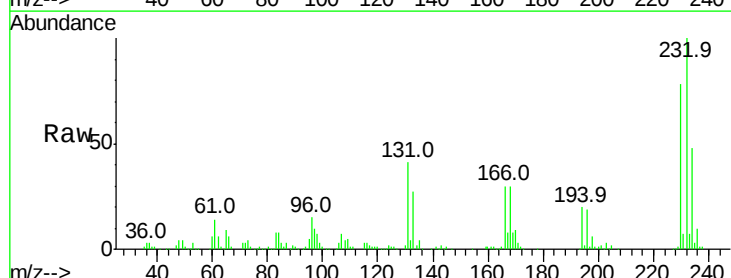
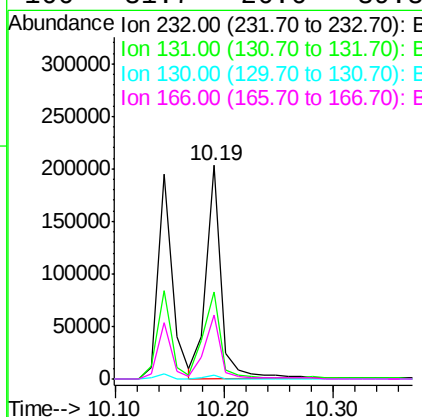
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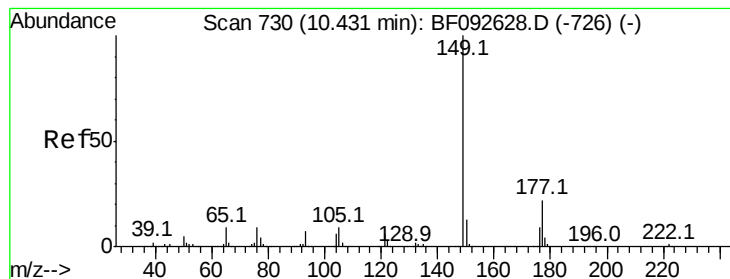
mohammad
 3/3/2017 5:16:30 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.77 ng
 RT: 10.19 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	195372		
131	47.8		40.1	60.1
130	2.2		1.8	2.8
166	31.7		26.6	39.8





#59

Diethylphthalate

Concen: 39.81 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Instrument :

BNA_F

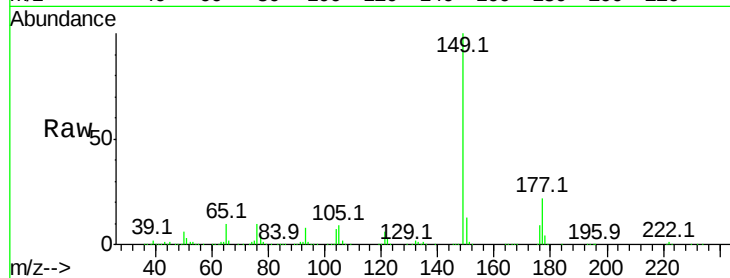
ClientSampleId :

SSTDCCC040EC

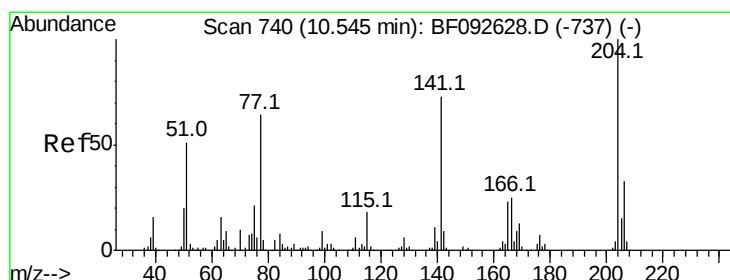
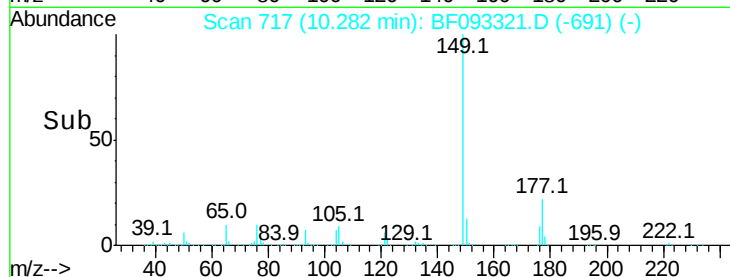
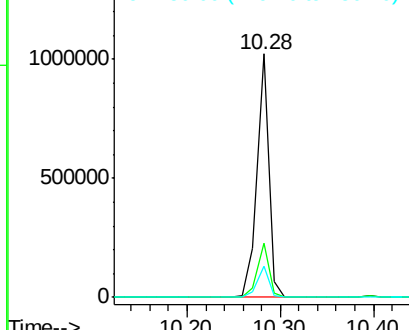
Tot Ion:	149	Resp:	898348
Ion Ratio	Lower	Upper	
149	100		
177	22.0	16.6	25.0
150	13.0	10.4	15.6

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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



#60

4-Chlorophenyl-phenylether

Concen: 38.35 ng

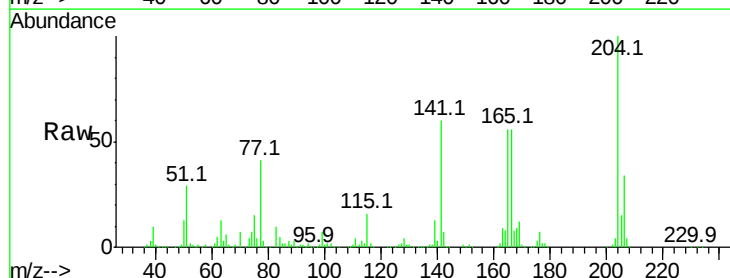
RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

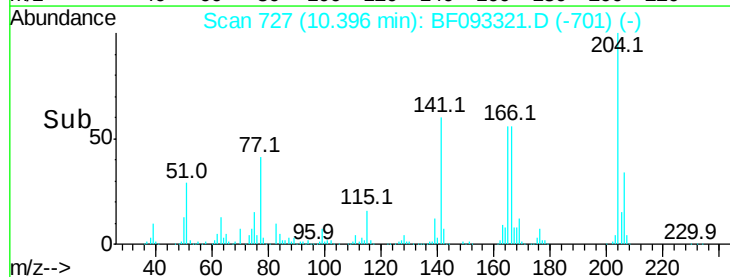
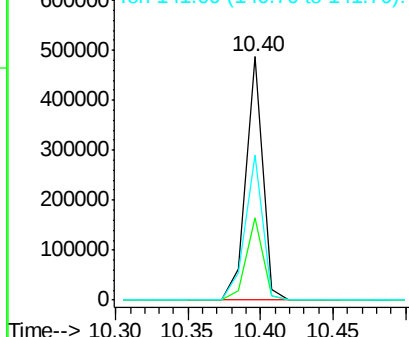
Lab File: BF093321.D

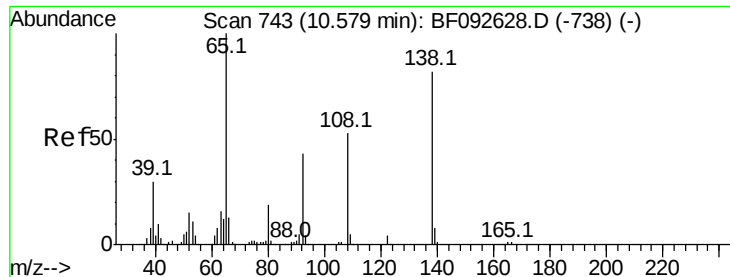
Acq: 2 Mar 2017 14:15

Tgt Ion:	204	Resp:	394235
Ion Ratio	Lower	Upper	
204	100		
206	33.9	25.8	38.6
141	59.5	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





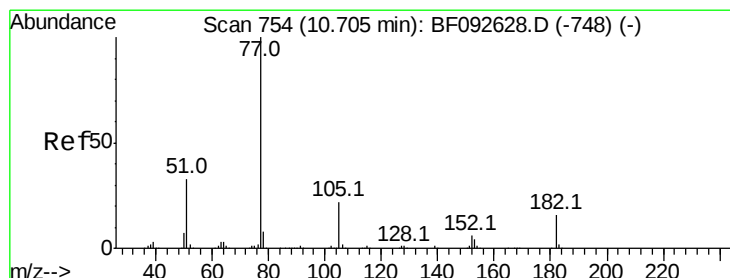
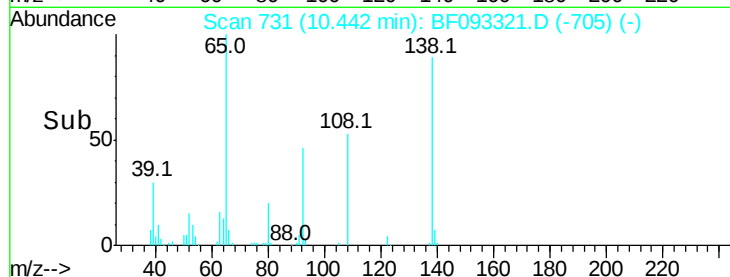
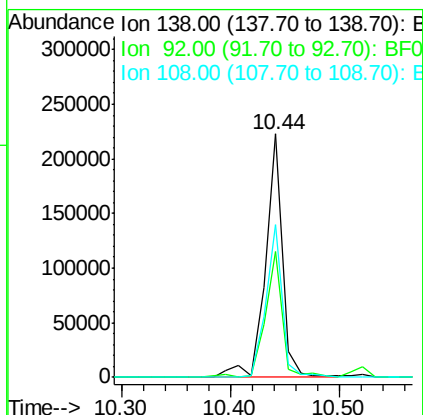
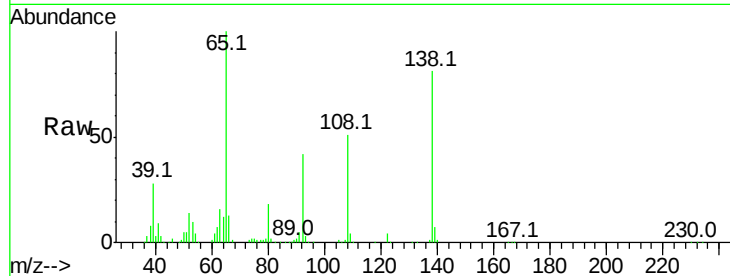
#61
4-Nitroaniline
Concen: 40.46 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.9	31.7	71.7
108	62.9	52.6	92.6

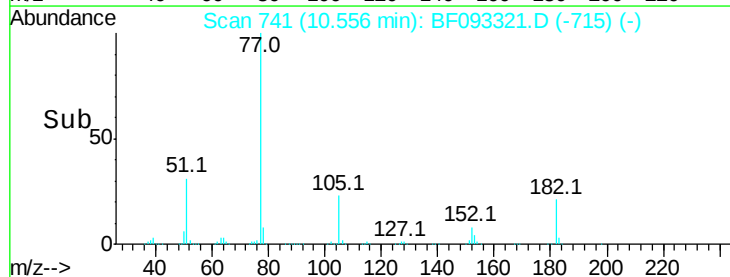
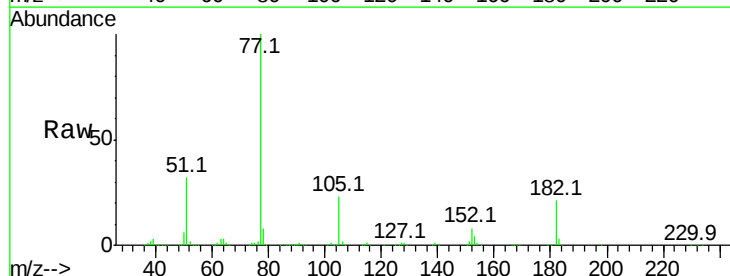
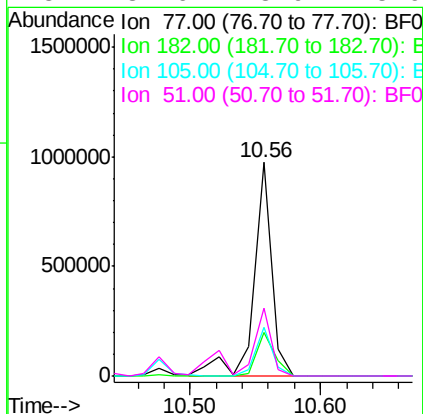
Manual Integrations
APPROVED

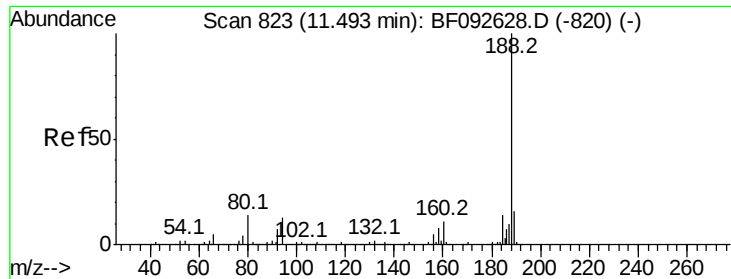
mohammad
3/3/2017 5:16:30 PM



#62
Azobenzene
Concen: 40.34 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.6	0.0	39.3
105	22.8	2.3	42.3
51	31.6	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Instrument :

BNA_F

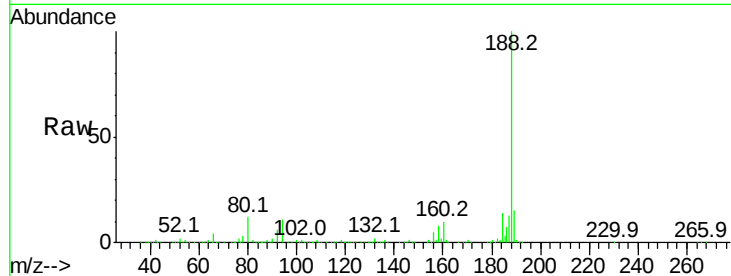
ClientSampleId :

SSTDCCC040EC

Tot Ion:188	Resp:	587334
Ion Ratio	Lower	Upper
188 100		
94 11.3	10.0	15.0
80 12.2	11.2	16.8

Manual Integrations
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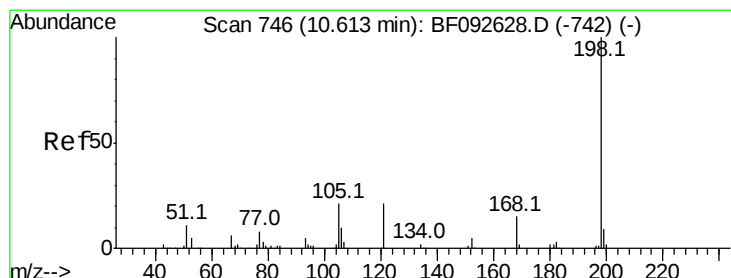
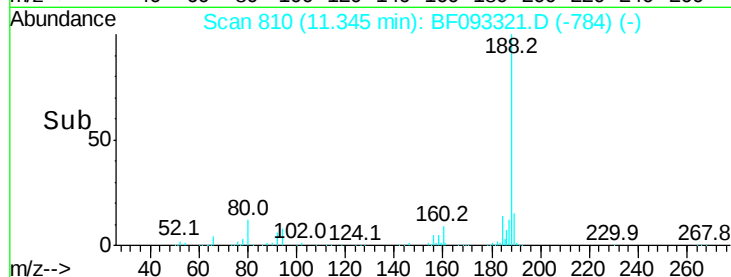
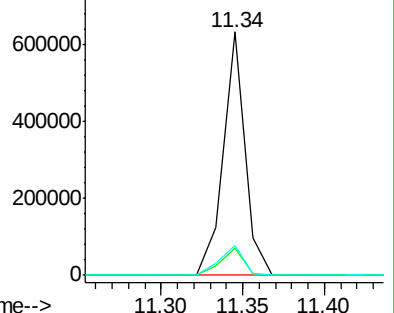
mohammad
3/3/2017 5:16:30 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.71 ng

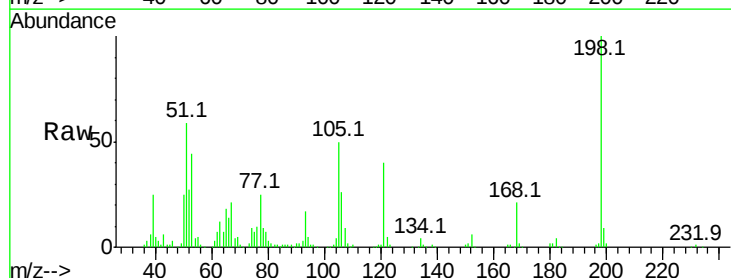
RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

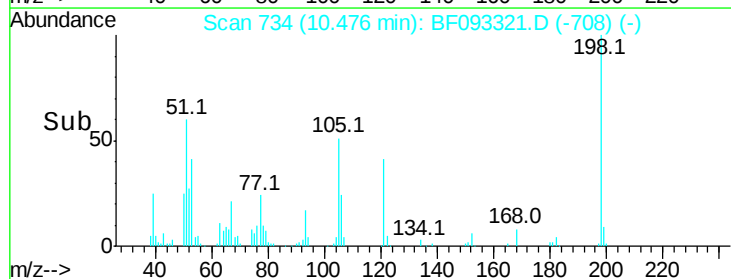
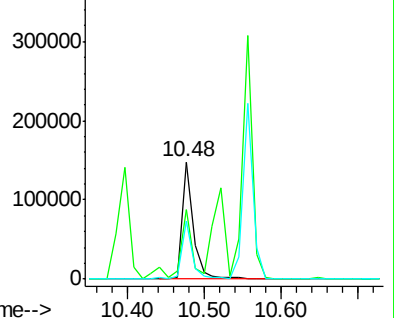
Tgt Ion:198	Resp:	147801
Ion Ratio	Lower	Upper
198 100		
51 58.9	6.7	46.7#
105 49.7	16.6	56.6

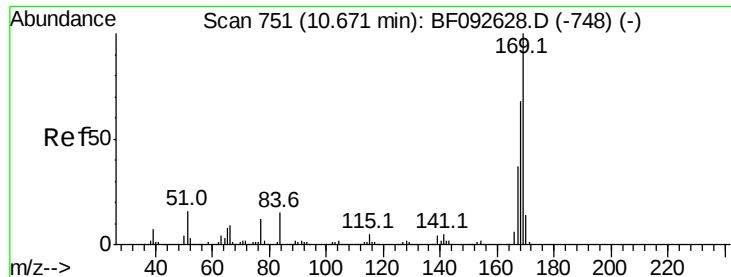


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





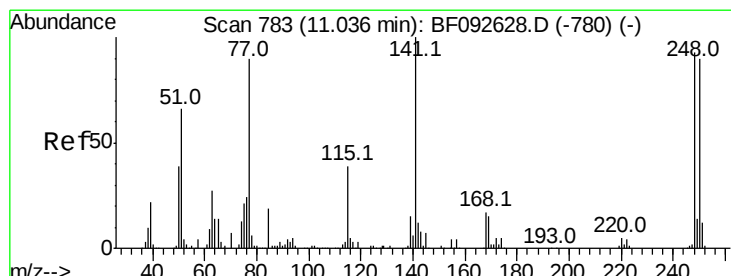
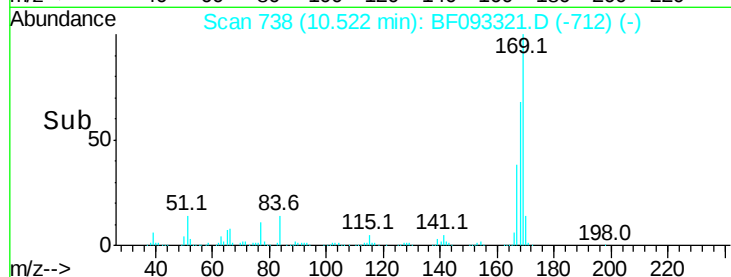
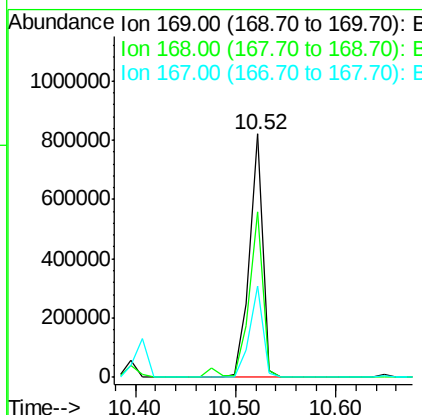
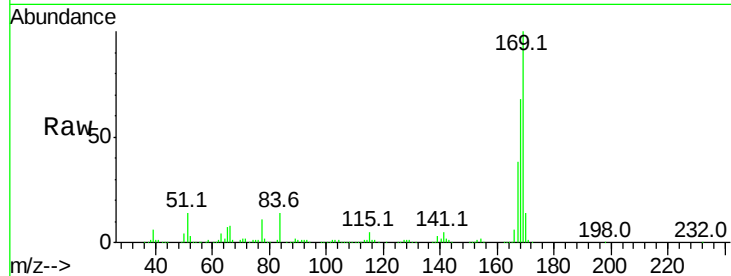
#65
n-Nitrosodiphenylamine
Concen: 40.61 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100	761964		
168	68.1		54.2	81.2
167	37.7		30.2	45.4

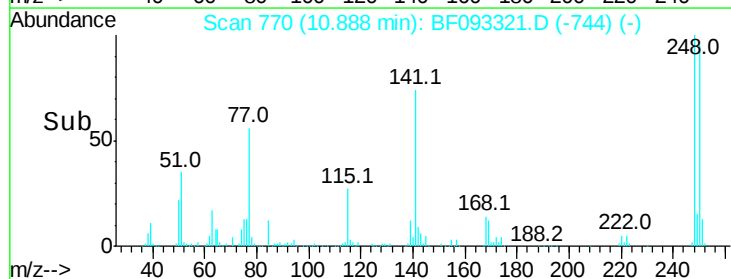
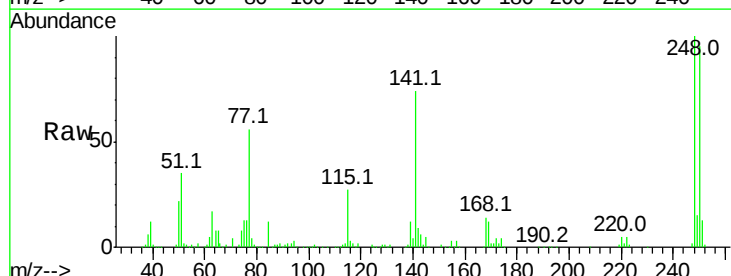
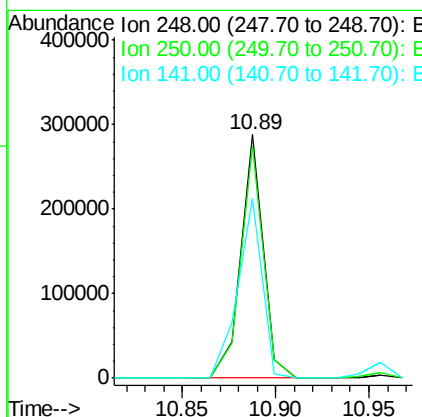
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 39.45 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	242057		
250	95.2		76.9	115.3
141	74.0		68.2	102.4





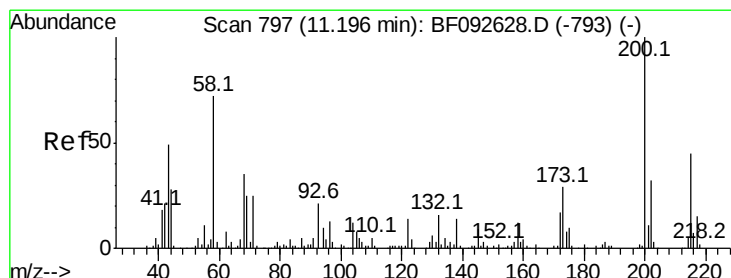
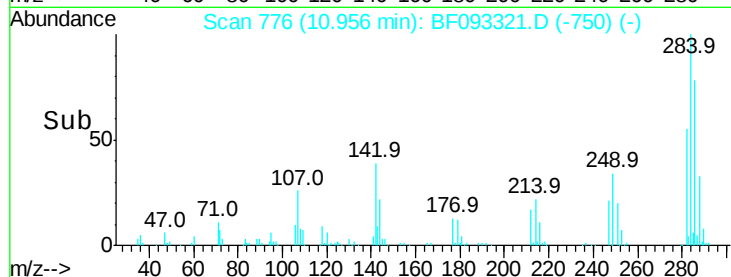
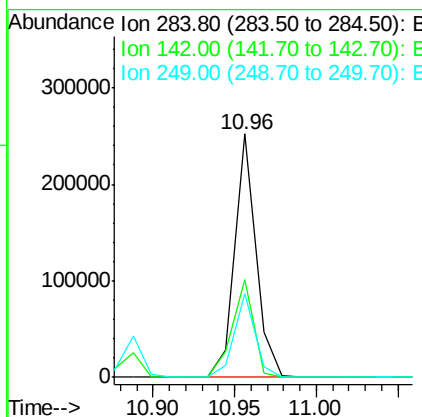
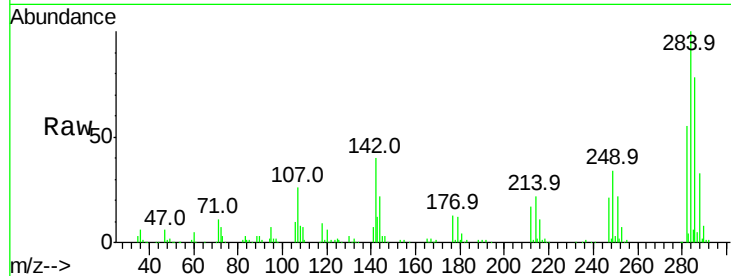
#67
Hexachlorobenzene
Concen: 37.25 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100	225904		
142	40.1	22.6	33.8#	
249	34.3	25.4	38.0	

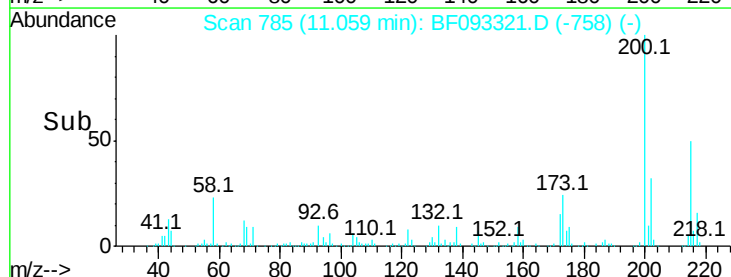
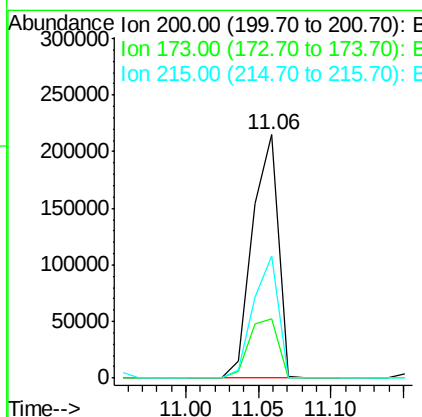
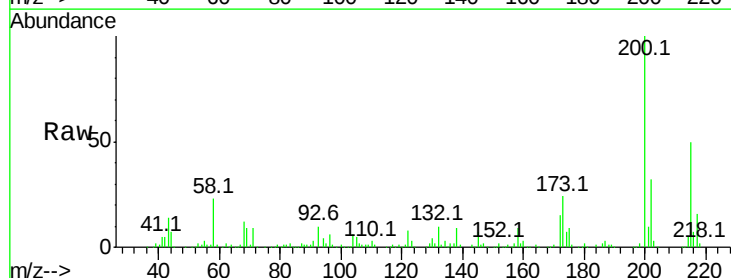
Manual Integrations
APPROVED

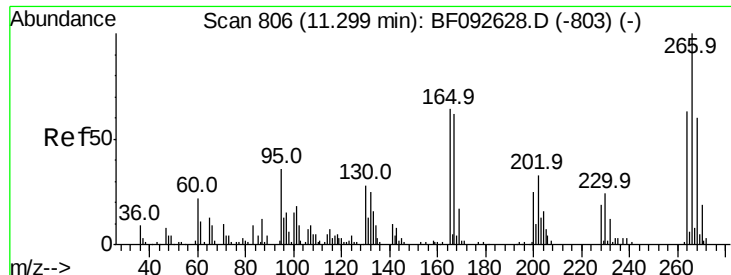
mohammad
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#68
Atrazine
Concen: 44.11 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	265599		
173	24.3	9.6	49.6	
215	50.1	25.7	65.7	





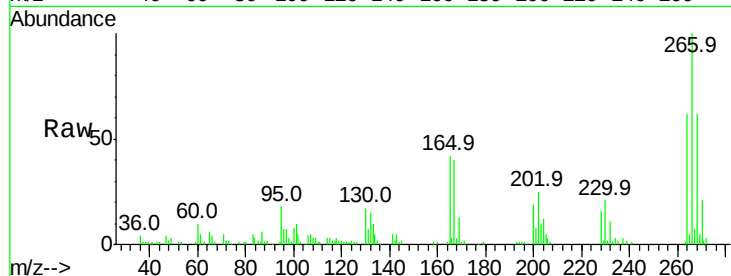
#69
 Pentachlorophenol
 Concen: 34.17 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	53.3	79.9
264	62.0	50.3	75.5

Manual Integrations
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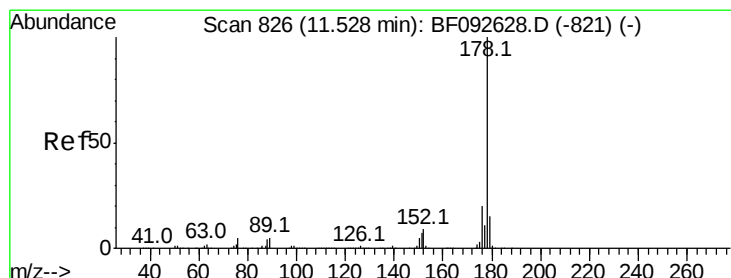
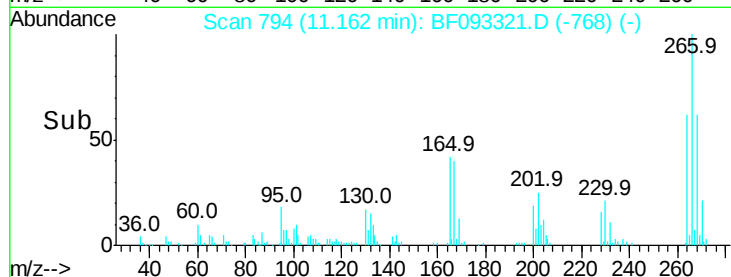
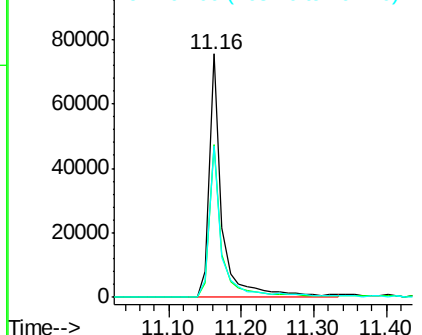


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 35.90 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

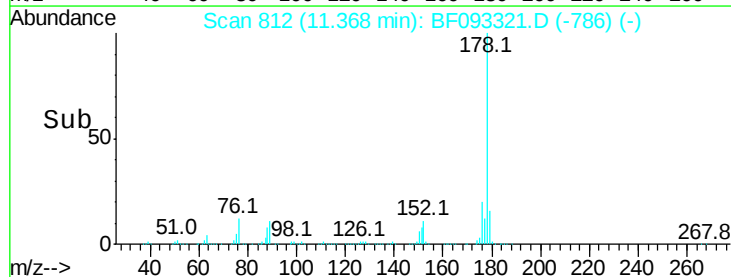
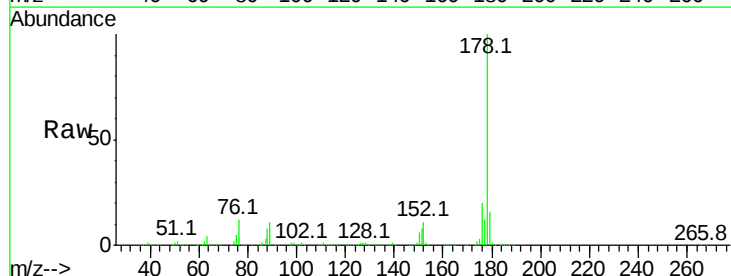
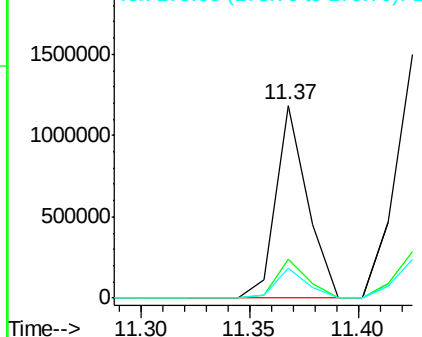
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	25.0
179	15.7	12.8	19.2

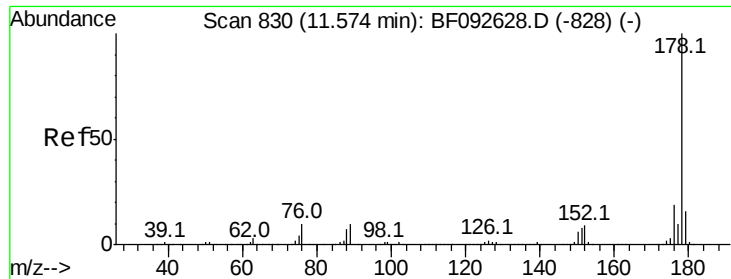
Abundance

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: 41.35 ng
 RT: 11.42 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

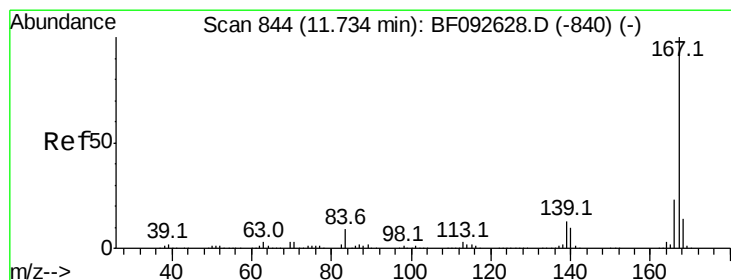
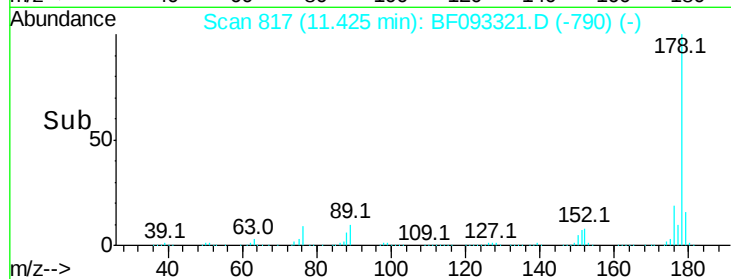
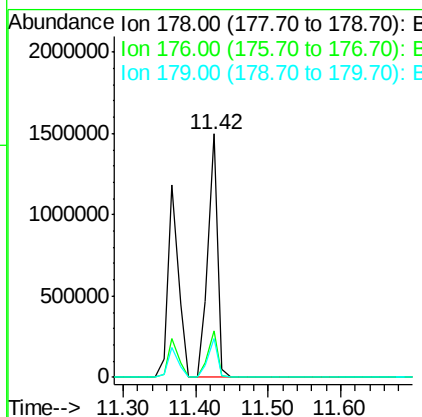
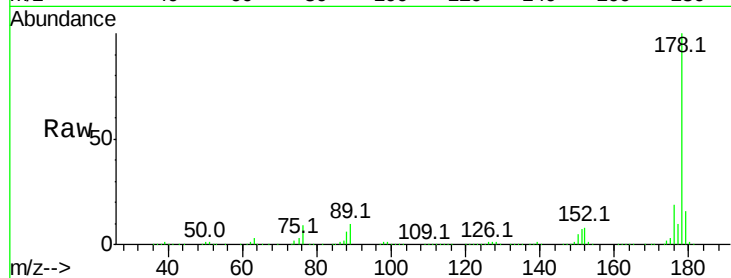
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1397354

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.7	13.2	19.8

Manual Integrations
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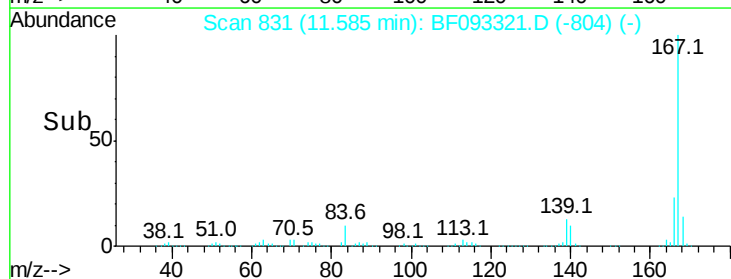
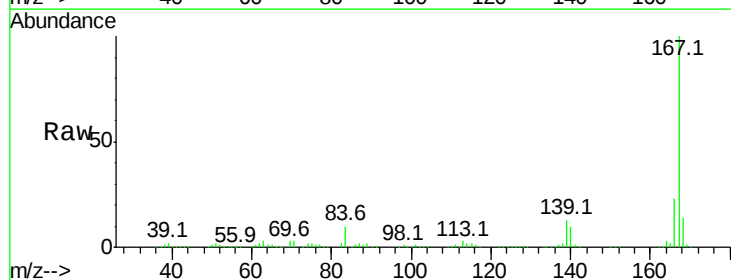
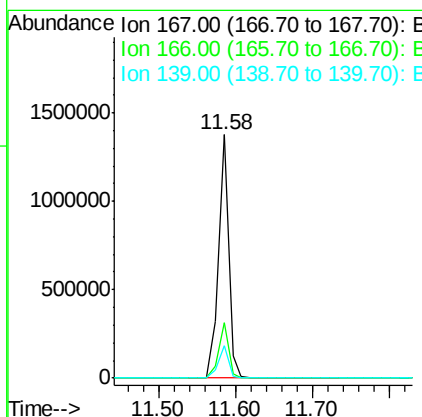
mohammad
 3/3/2017 5:16:30 PM

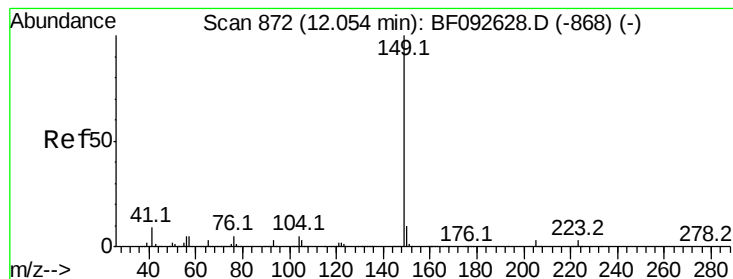


#72
 Carbazole
 Concen: 39.45 ng
 RT: 11.58 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Tgt Ion:167 Resp: 1274435

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.2
139	13.3	11.4	17.2





#73

Di-n-butylphthalate

Concen: 41.43 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1447135

Ion Ratio Lower Upper

149 100

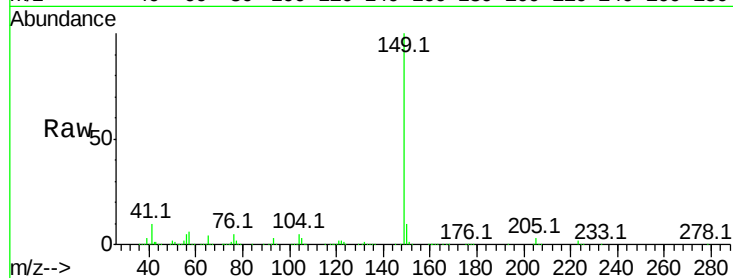
150 9.7 8.1 12.1

104 4.9 4.6 7.0

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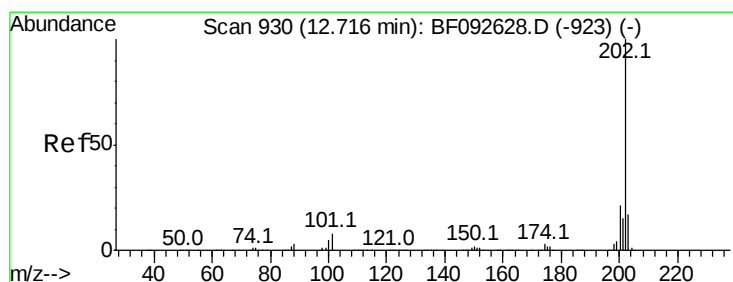
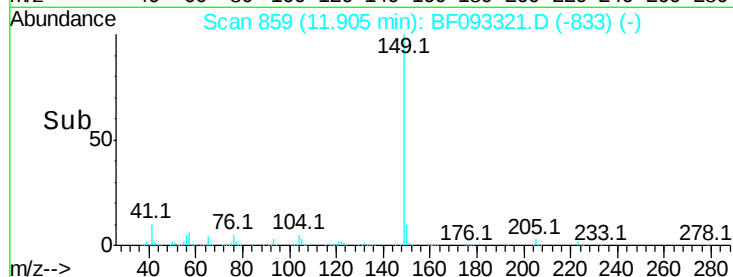
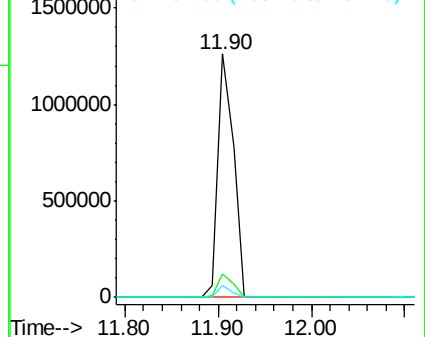
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.32 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

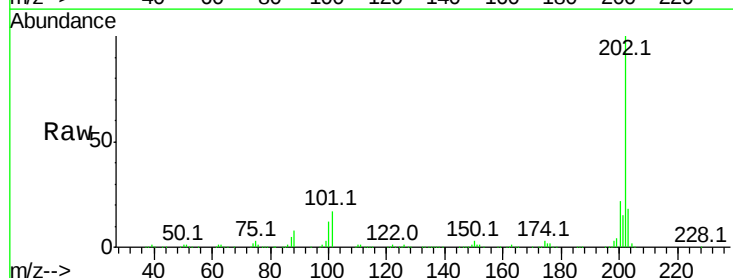
Tgt Ion:202 Resp: 1330185

Ion Ratio Lower Upper

202 100

101 16.8 0.0 34.6

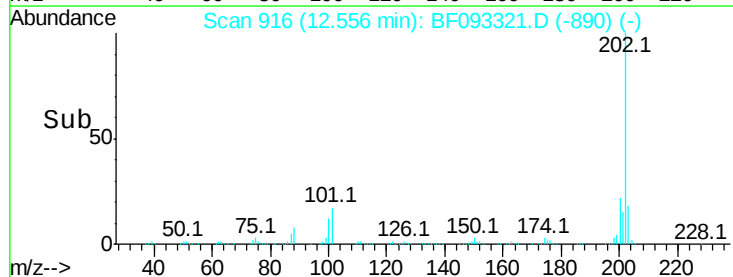
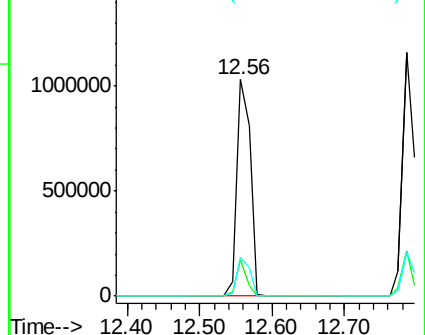
203 17.7 0.0 38.7

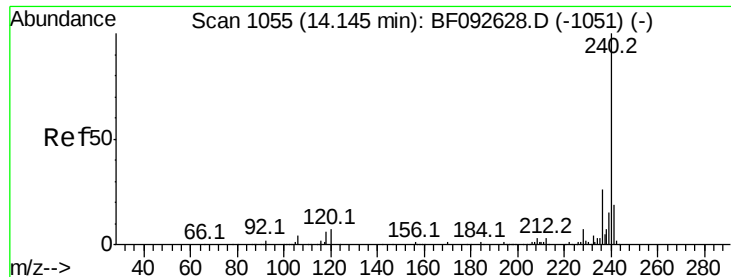


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Instrument :

BNA_F

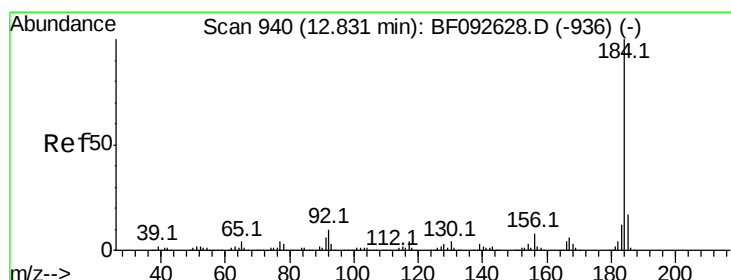
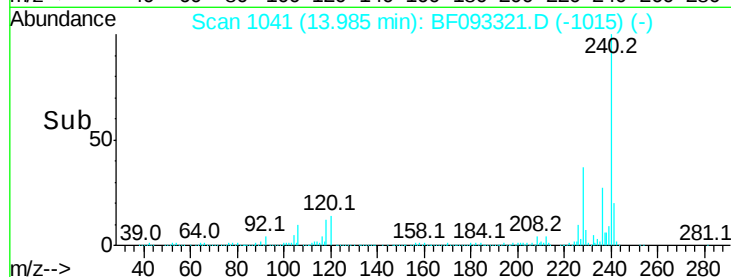
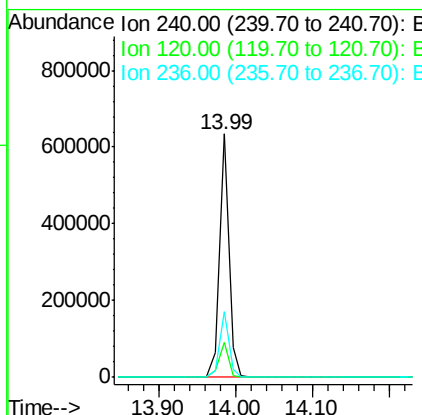
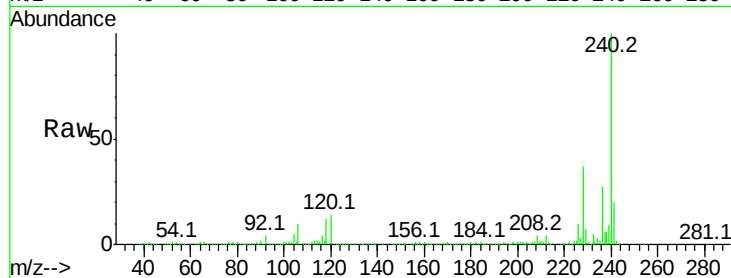
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	539568
Ion Ratio	Lower	Upper	
240	100		
120	14.1	12.9	19.3
236	26.8	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 14.03 ng

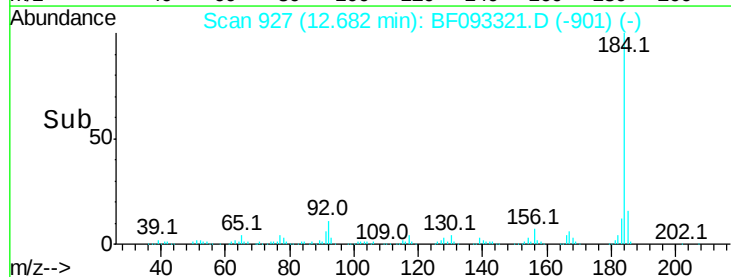
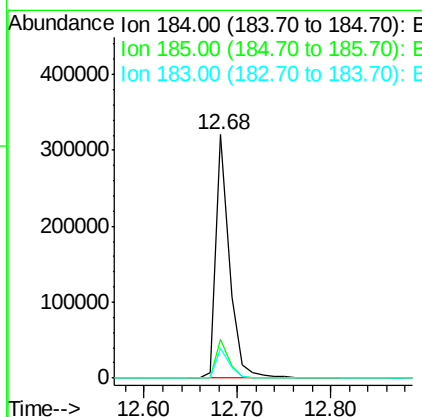
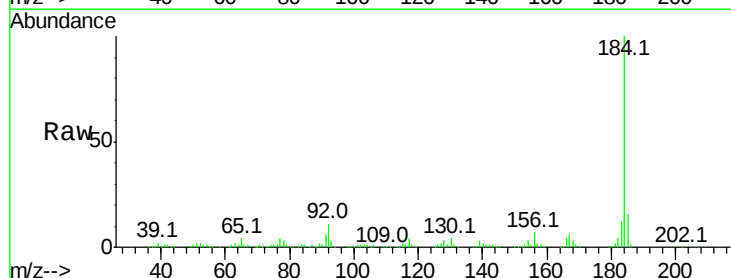
RT: 12.68 min Scan# 927

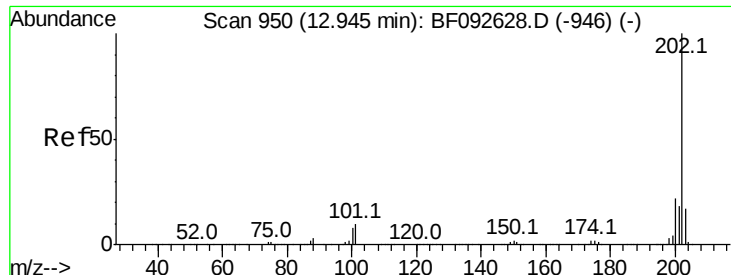
Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Tgt Ion:	184	Resp:	322655
Ion Ratio	Lower	Upper	
184	100		
185	15.9	13.4	20.0
183	12.2	9.2	13.8





#77

Pvrene

Concen: 33.25 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 1342491

Ion Ratio Lower Upper

202 100

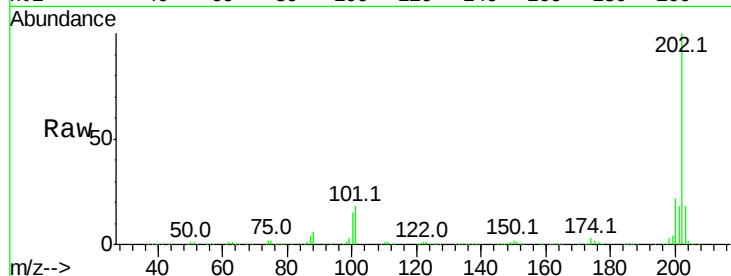
200 21.9 17.7 26.5

203 17.9 14.7 22.1

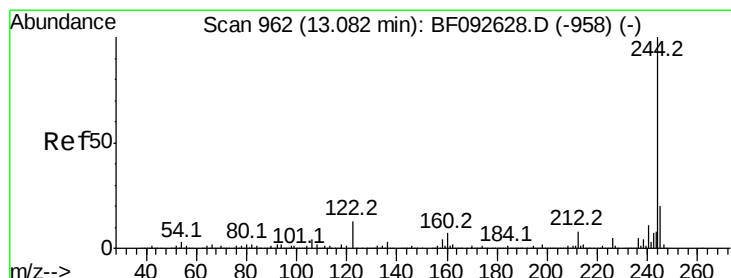
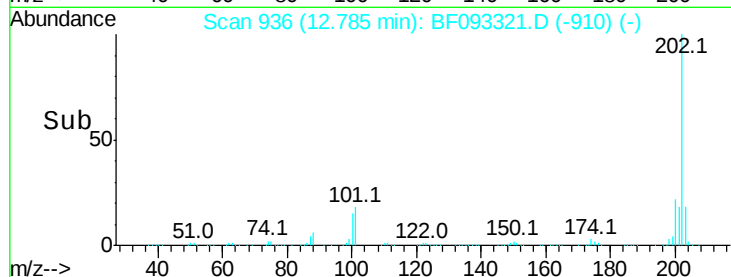
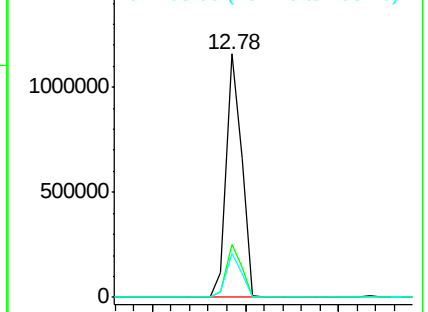
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.38 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF093321.D

Acq: 2 Mar 2017 14:15

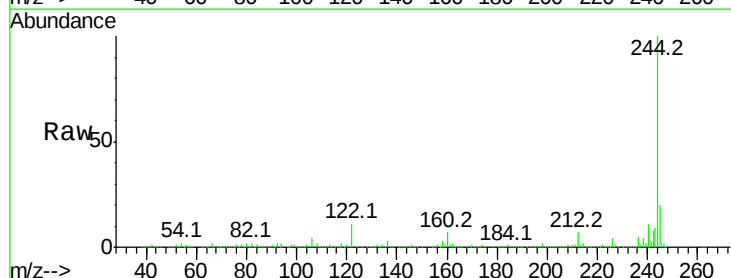
Tgt Ion:244 Resp: 1616109

Ion Ratio Lower Upper

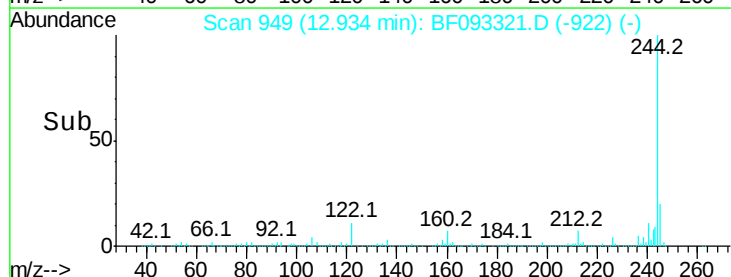
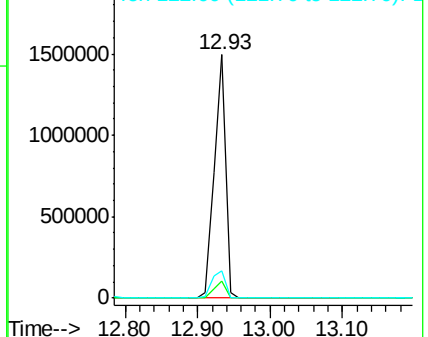
244 100

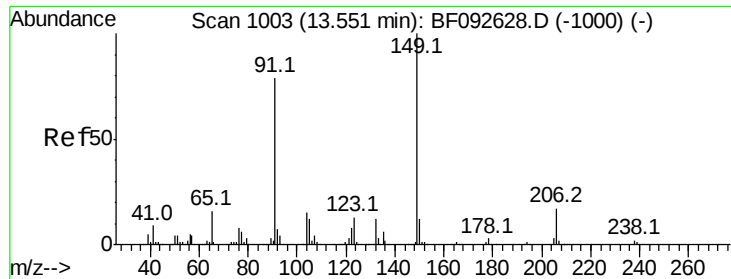
212 7.2 6.2 9.2

122 11.1 11.4 17.2#



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





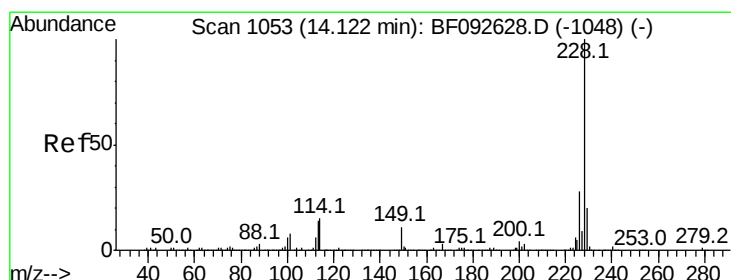
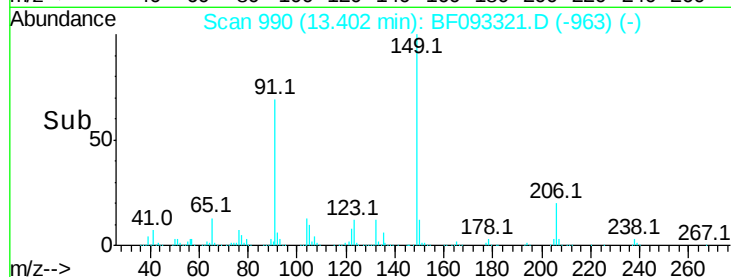
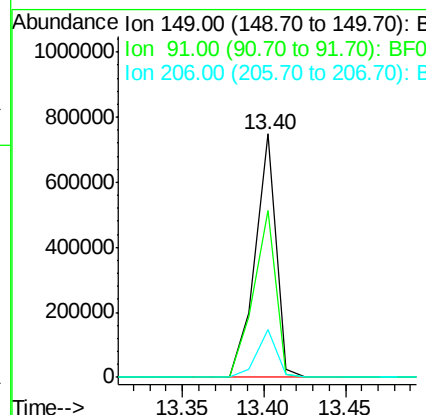
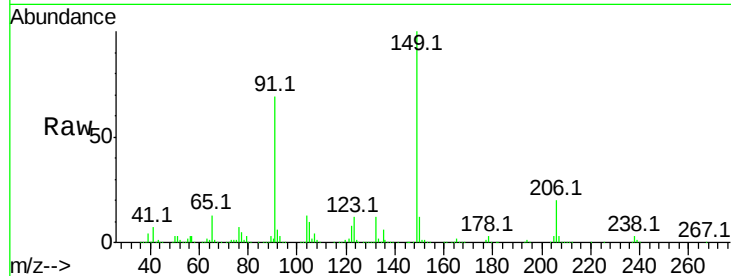
#79
Butylbenzylphthalate
Concen: 40.80 ng
RT: 13.40 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	669080		
91	68.6	63.9	95.9	
206	19.5	14.6	21.8	

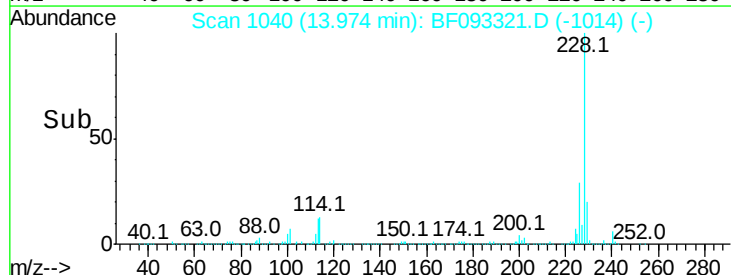
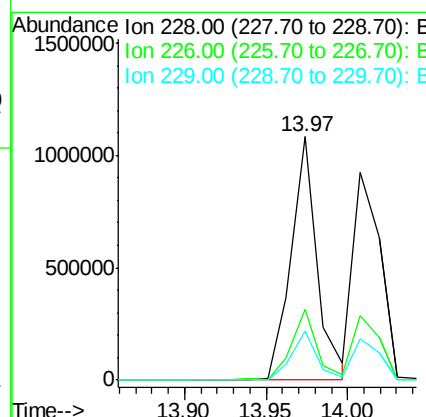
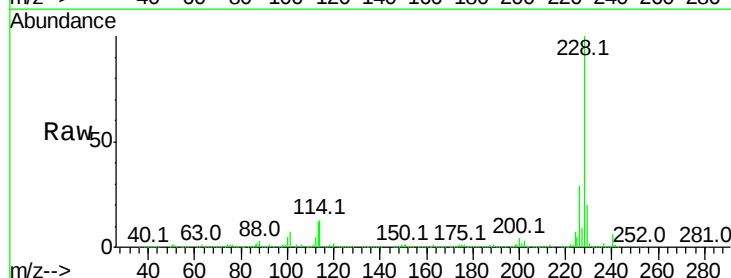
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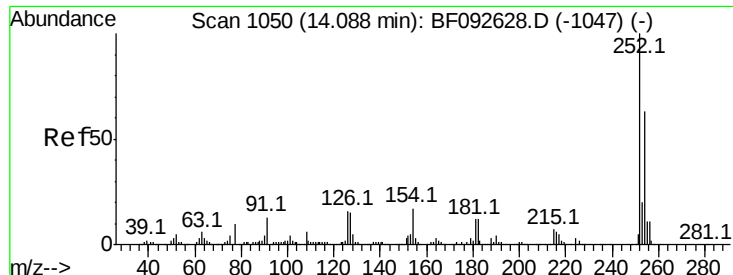
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#80
Benzo(a)anthracene
Concen: 36.78 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1213742		
226	28.9	22.4	33.6	
229	20.4	16.2	24.4	





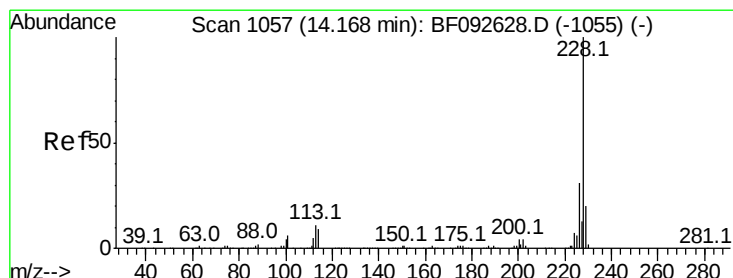
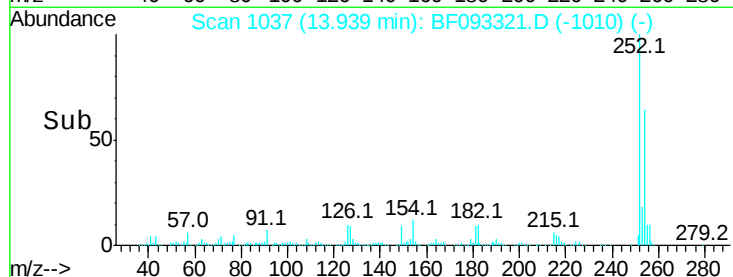
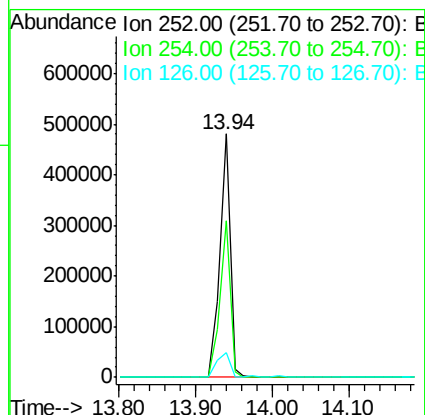
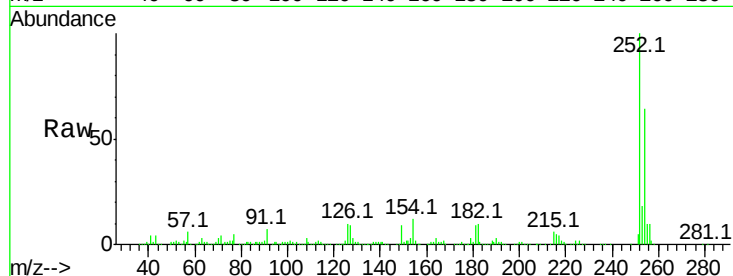
#81
 3,3'-Dichlorobenzidine
 Concen: 38.40 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.3	78.5
126	10.0	13.6	20.4

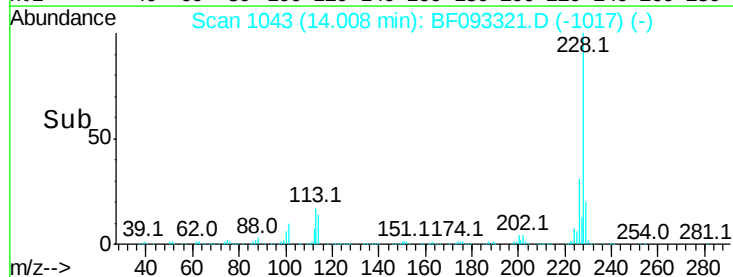
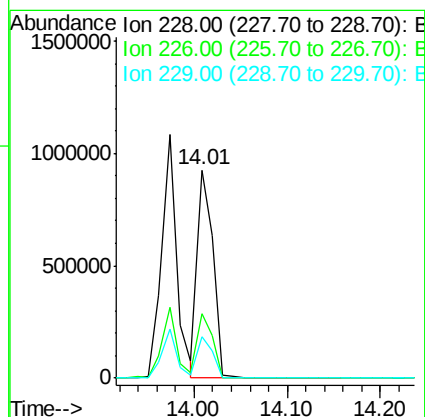
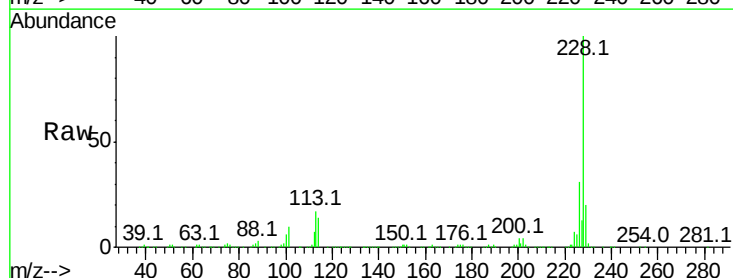
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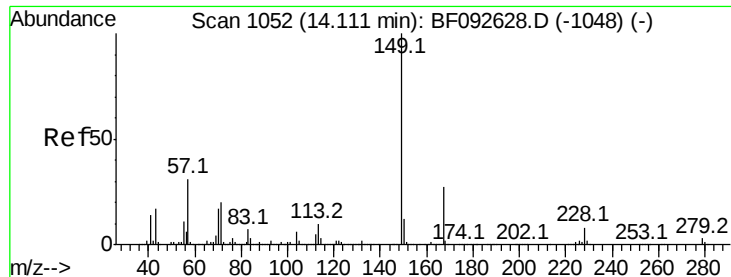
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#82
 Chrysene
 Concen: 35.20 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	20.2	16.2	24.2





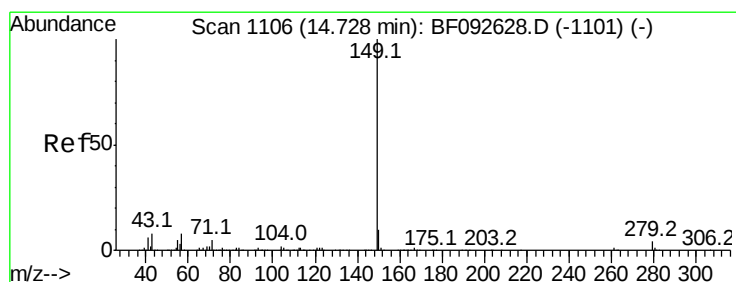
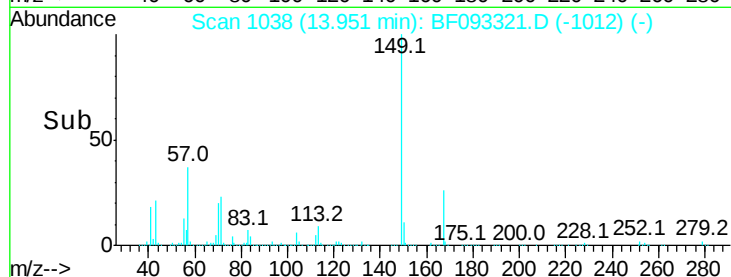
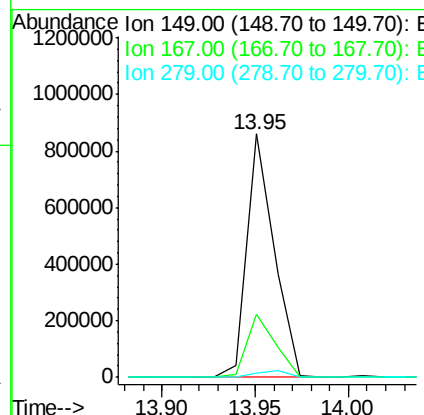
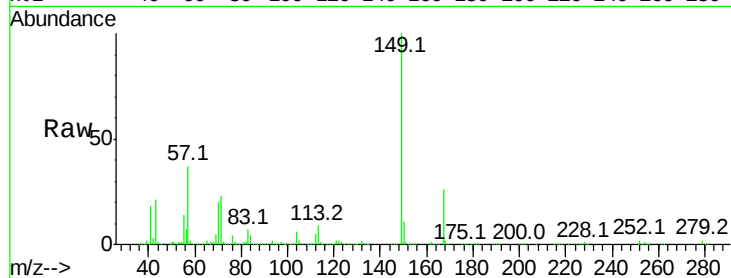
#83
Bis(2-ethylhexyl)phthalate
Concen: 38.95 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.2	30.4
279	2.0	1.8	2.8

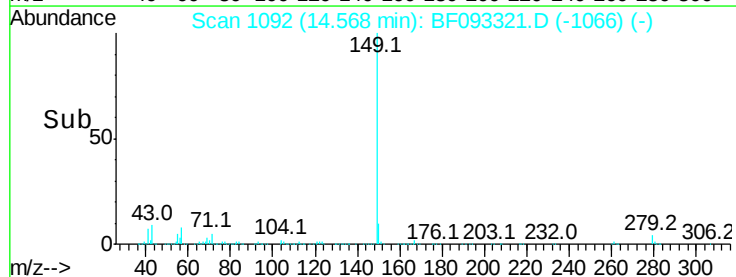
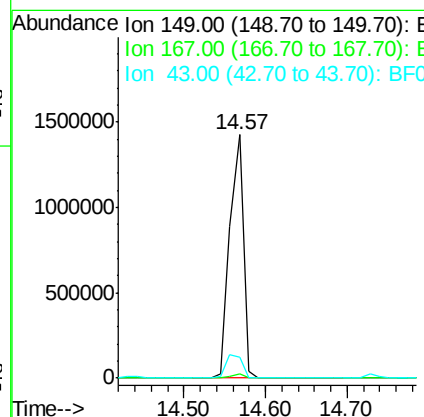
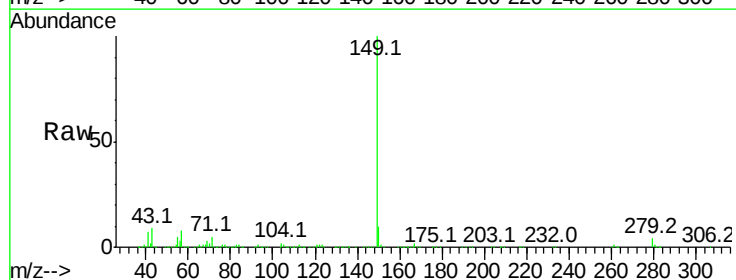
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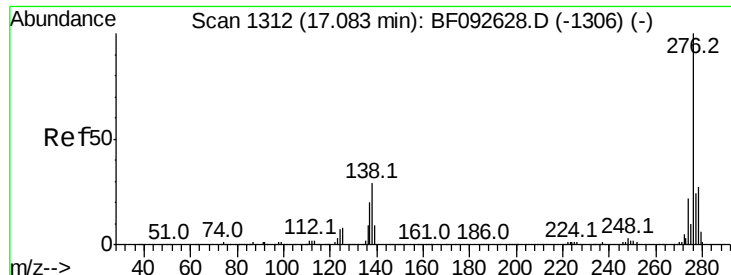
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#84
Di-n-octyl phthalate
Concen: 45.00 ng
RT: 14.57 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.7	8.9	13.3





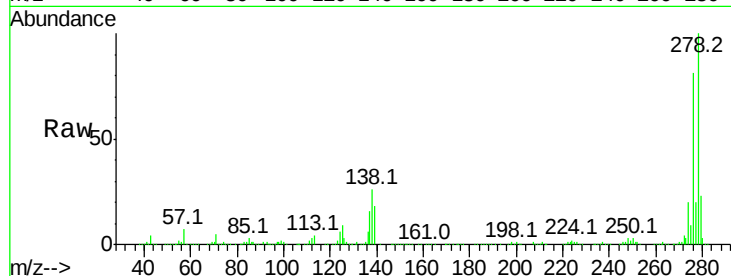
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.83 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

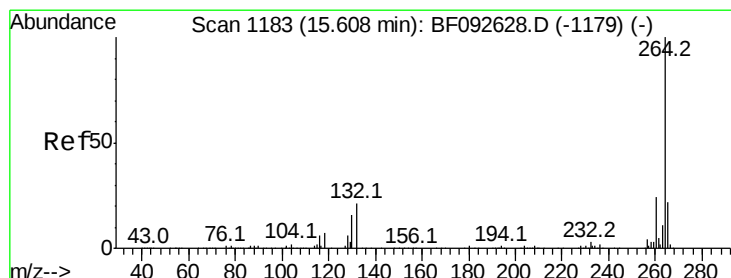
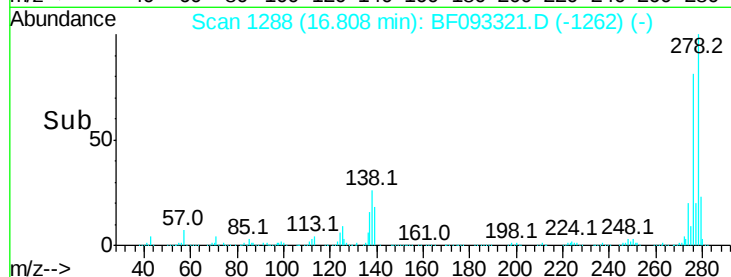
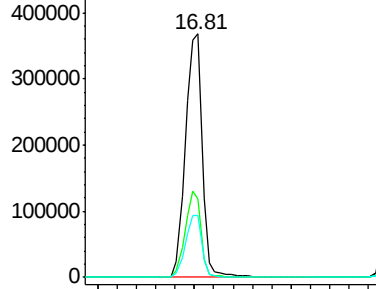
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	21.8	32.6
277	25.2	20.2	30.4

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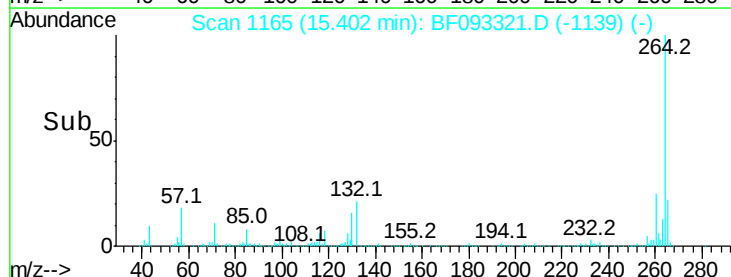
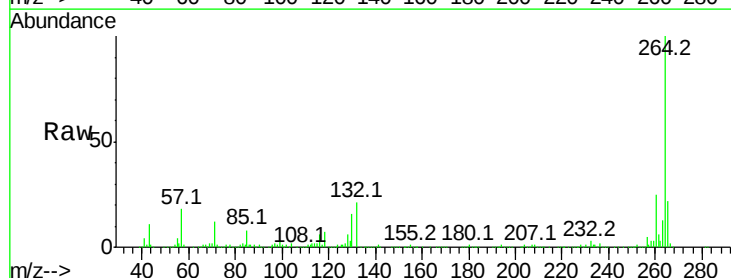
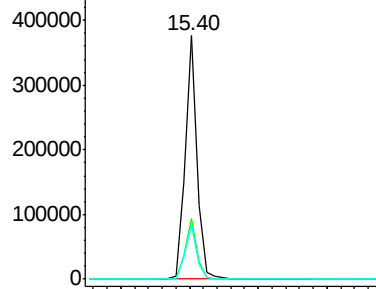
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

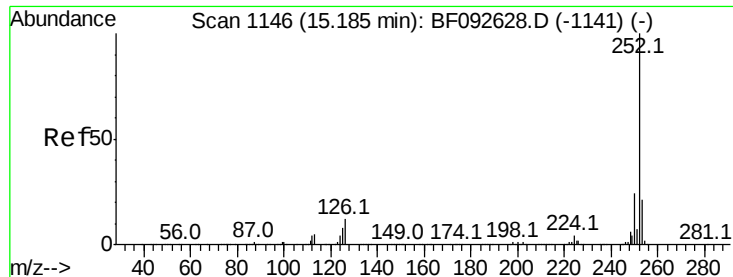


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.4	17.4	26.0

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





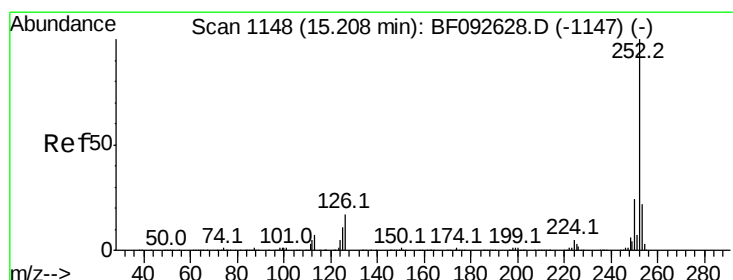
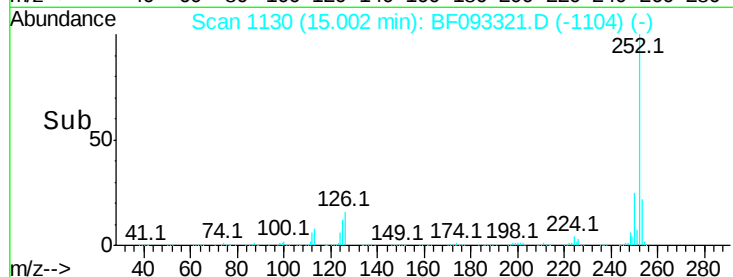
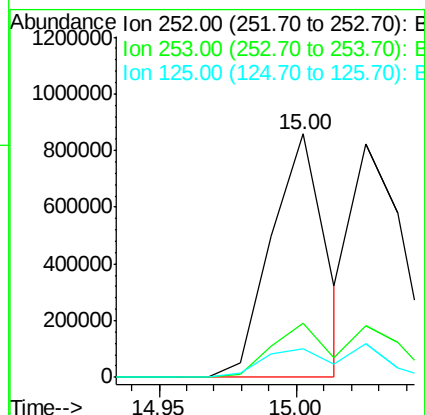
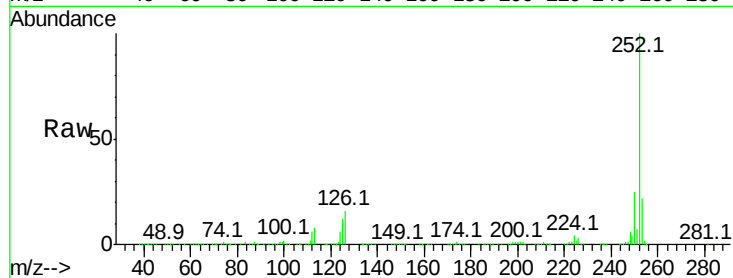
#87
Benzo(b)fluoranthene
Concen: 39.48 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	12.0	9.8	14.6

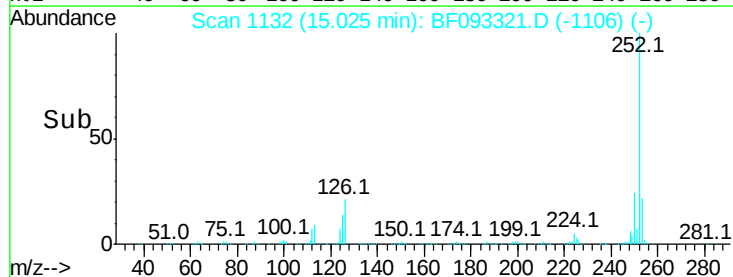
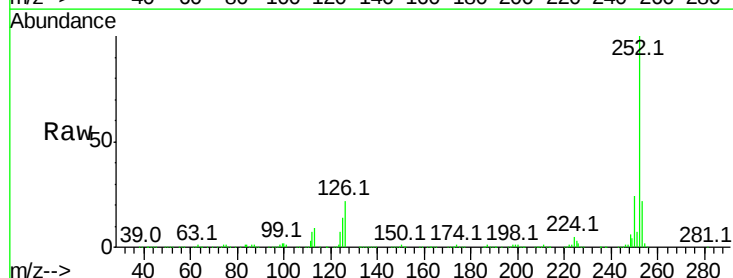
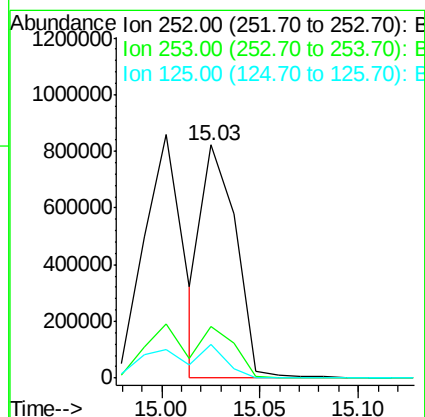
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#88
Benzo(k)fluoranthene
Concen: 38.34 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	14.4	8.9	13.3#





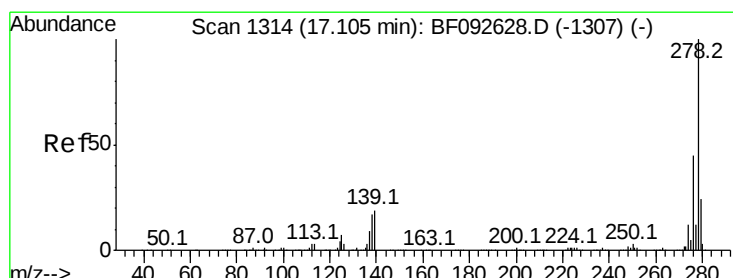
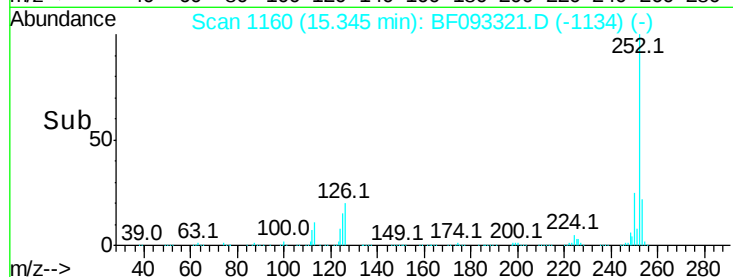
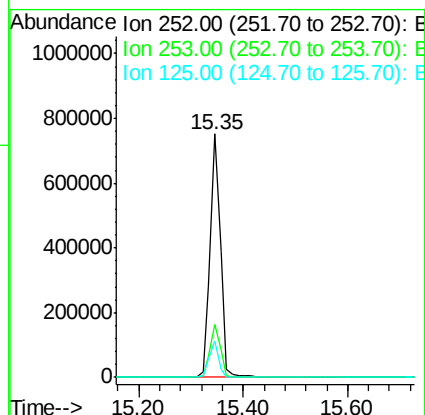
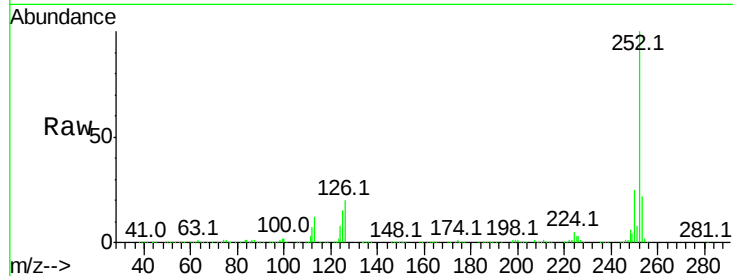
#89
Benzo(a)pyrene
Concen: 39.44 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 1025156
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 15.1 10.0 15.0#

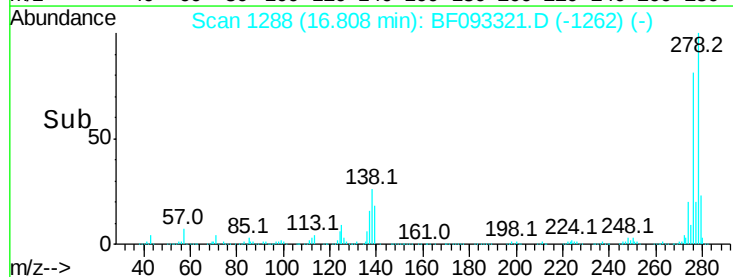
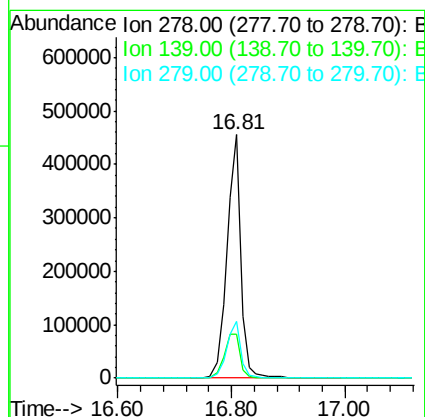
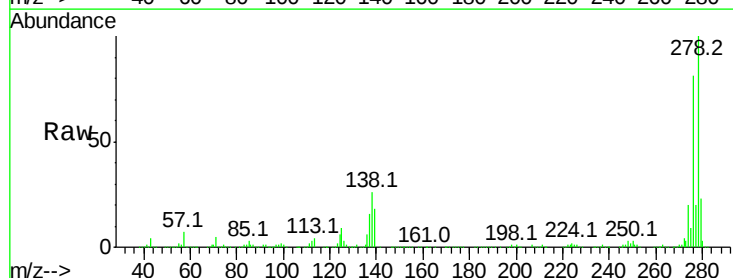
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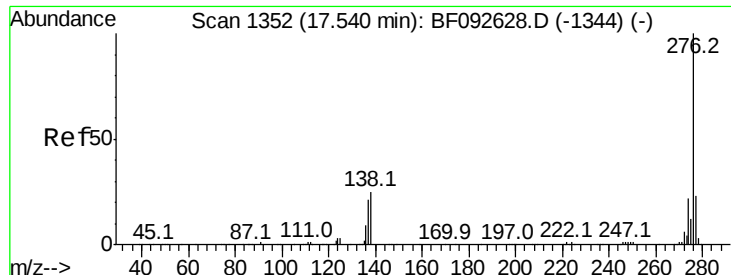
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#90
Dibenzo(a,h)anthracene
Concen: 37.13 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF093321.D
Acq: 2 Mar 2017 14:15

Tgt Ion:278 Resp: 780157
Ion Ratio Lower Upper
278 100
139 17.8 14.8 22.2
279 23.4 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 36.88 ng
 RT: 17.22 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF093321.D
 Acq: 2 Mar 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.2	28.8
138	26.8	16.0	24.0

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