

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094574.D
 Acq On : 21 Apr 2017 20:37
 Operator : SJ/MA
 Sample : I2786-05MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 21 23:37:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	108522	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	430047	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	176576	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	337712	20.00	ng	0.00
75) Chrysene-d12	14.47	240	285467	20.00	ng	0.00
86) Perylene-d12	16.08	264	260844	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	924136	141.28	ng	0.02
7) Phenol-d6	5.41	99	1099109	142.53	ng	0.01
23) Nitrobenzene-d5	6.42	82	673050	96.64	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	222041	160.77	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1222351	101.85	ng	0.00
78) Terphenyl-d14	13.19	244	981943	91.94	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.09	88	107392	28.23	ng	98
3) Pyridine	2.63	79	298483	35.90	ng	98
4) n-Nitrosodimethylamine	2.57	42	138426	40.24	ng	86
6) Aniline	5.40	93	323866	31.60	ng	# 85
8) 2-Chlorophenol	5.54	128	328983	44.20	ng	97
9) Benzaldehyde	5.27	77	48418	8.25	ng	95
10) Phenol	5.42	94	448176	47.31	ng	90
11) bis(2-Chloroethyl)ether	5.48	93	295162	42.65	ng	98
12) 1,3-Dichlorobenzene	5.70	146	345421	41.89	ng	99
13) 1,4-Dichlorobenzene	5.79	146	336571	40.57	ng	97
14) 1,2-Dichlorobenzene	5.97	146	314322	41.13	ng	95
15) Benzyl Alcohol	5.95	79	242307	42.36	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	386521	42.60	ng	57
17) 2-Methylphenol	6.10	107	247016	42.14	ng	# 92
18) Hexachloroethane	6.35	117	109196	38.39	ng	# 83
19) n-Nitroso-di-n-propylamine	6.26	70	220218	43.10	ng	96
20) 3+4-Methylphenols	6.28	107	342649	43.01	ng	# 63
22) Acetophenone	6.24	105	443475	42.41	ng	# 85
24) Nitrobenzene	6.44	77	310086	42.28	ng	95
25) Isophorone	6.73	82	565516	43.80	ng	95
26) 2-Nitrophenol	6.81	139	168854	42.85	ng	95
27) 2,4-Dimethylphenol	6.90	122	276893	43.26	ng	98
28) bis(2-Chloroethoxy)methane	6.99	93	361465	43.28	ng	99
29) 2,4-Dichlorophenol	7.12	162	265116	44.53	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	260811	42.37	ng	99
31) Naphthalene	7.29	128	874479	42.30	ng	99
32) Benzoic acid	7.04	122	59334	17.53	ng	95
33) 4-Chloroaniline	7.37	127	191693	22.29	ng	# 91
34) Hexachlorobutadiene	7.44	225	131346	42.80	ng	97
35) Caprolactam	7.82	113	54009	28.87	ng	91
36) 4-Chloro-3-methylphenol	8.00	107	256870	41.17	ng	92
37) 2-Methylnaphthalene	8.13	142	607077	42.92	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	237563	47.25	ng	99
40) Hexachlorocyclopentadiene	8.32	237	91968	45.21	ng	98

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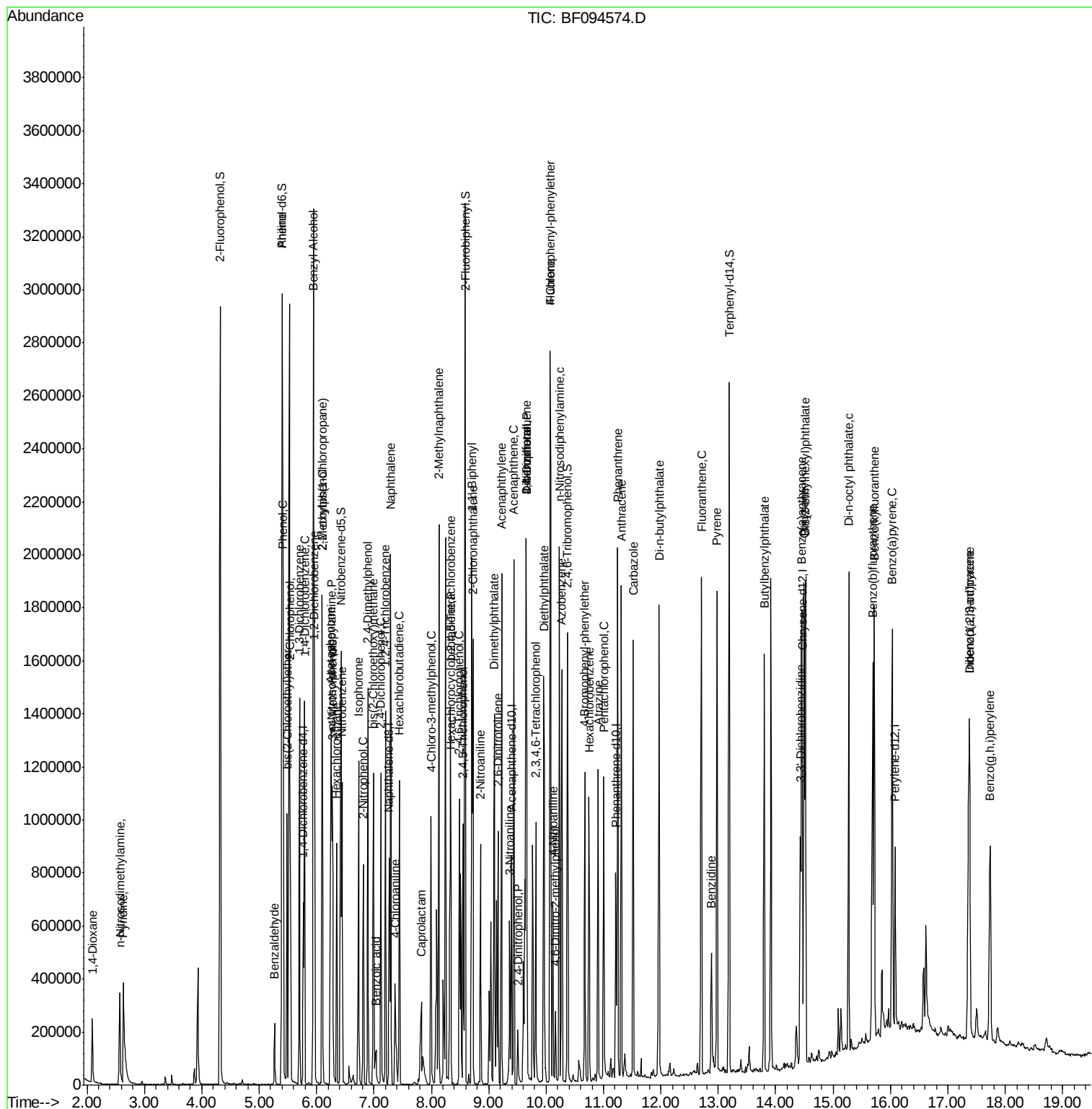
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	157258	44.54	nq	97
43) 2,4,5-Trichlorophenol	8.55	196	174334	48.08	nq	95
45) 1,1'-Biphenyl	8.70	154	675972	46.86	nq	97
46) 2-Chloronaphthalene	8.72	162	539629	47.04	nq	96
47) 2-Nitroaniline	8.86	65	156646	47.47	nq	# 80
48) Acenaphthylene	9.22	152	675385	37.77	nq	99
49) Dimethylphthalate	9.10	163	853439	64.86	nq	99
50) 2,6-Dinitrotoluene	9.17	165	138399	46.86	nq	95
51) Acenaphthene	9.44	154	467498	43.65	nq	99
52) 3-Nitroaniline	9.37	138	110822	32.43	nq	89
53) 2,4-Dinitrophenol	9.51	184	36222	26.73	nq	# 69
54) Dibenzofuran	9.65	168	725993	46.64	nq	98
55) 4-Nitrophenol	9.65	139	473254	196.03	nq	# 34
56) 2,4-Dinitrotoluene	9.66	165	176285	48.64	nq	# 85
57) Fluorene	10.07	166	565934	46.68	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	125243	48.19	nq	95
59) Diethylphthalate	9.96	149	619483	49.89	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	249257	49.41	nq	94
61) 4-Nitroaniline	10.12	138	140299	40.39	nq	98
62) Azobenzene	10.27	77	608505	50.48	nq	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	39675	17.93	nq	# 64
65) n-Nitrosodiphenylamine	10.23	169	550941	46.91	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	154939	46.20	nq	95
67) Hexachlorobenzene	10.75	284	147051	43.51	nq	# 88
68) Atrazine	10.91	200	155733	44.32	nq	96
69) Pentachlorophenol	11.00	266	136461	101.69	nq	97
70) Phenanthrene	11.25	178	849457	44.67	nq	98
71) Anthracene	11.31	178	848792	43.15	nq	99
72) Carbazole	11.52	167	786646	42.61	nq	97
73) Di-n-butylphthalate	11.97	149	1023246	50.33	nq	99
74) Fluoranthene	12.71	202	884083	44.85	nq	99
76) Benzidine	12.88	184	220291	19.06	nq	# 94
77) Pyrene	12.98	202	876343	43.94	nq	99
79) Butylbenzylphthalate	13.80	149	412109	47.15	nq	89
80) Benzo(a)anthracene	14.45	228	739828	44.59	nq	100
81) 3,3'-Dichlorobenzidine	14.43	252	207112	35.26	nq	# 94
82) Chrysene	14.49	228	689913	45.50	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	601536	51.26	nq	# 99
84) Di-n-octyl phthalate	15.27	149	999827	50.79	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	650210	45.07	nq	99
87) Benzo(b)fluoranthene	15.69	252	749251	46.96	nq	98
88) Benzo(k)fluoranthene	15.72	252	650601	43.09	nq	97
89) Benzo(a)pyrene	16.03	252	657877	44.32	nq	98
90) Dibenzo(a,h)anthracene	17.38	278	528535	42.88	nq	97
91) Benzo(g,h,i)perylene	17.74	276	533277	42.49	nq	95

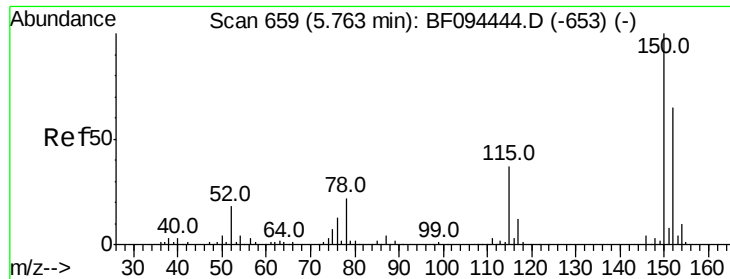
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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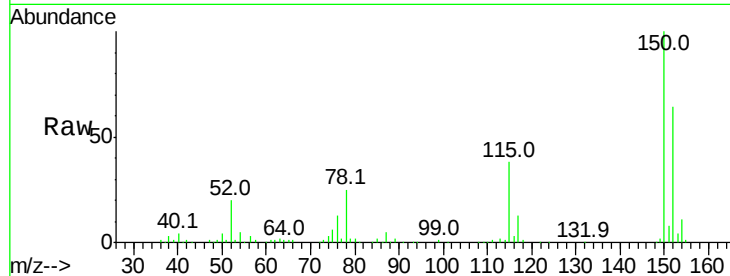


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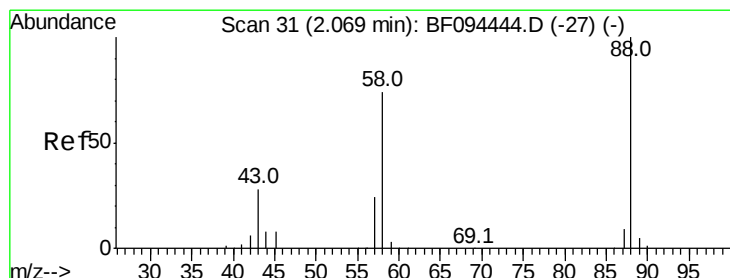
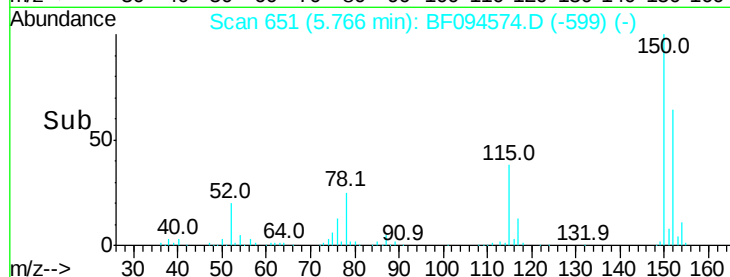
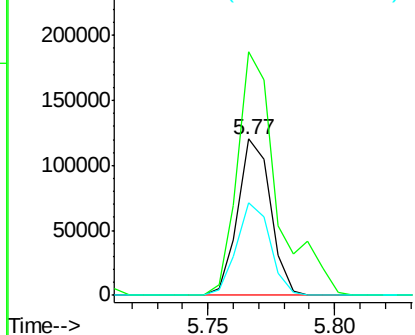
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 108522
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 59.0 52.2 78.2



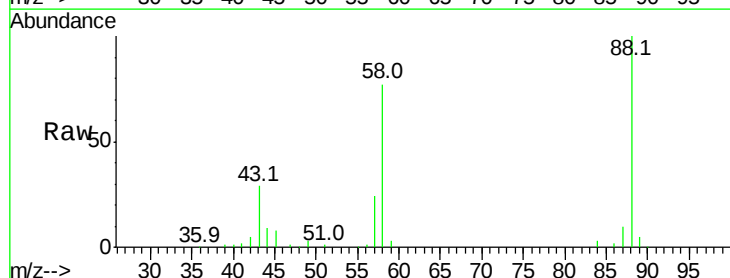
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



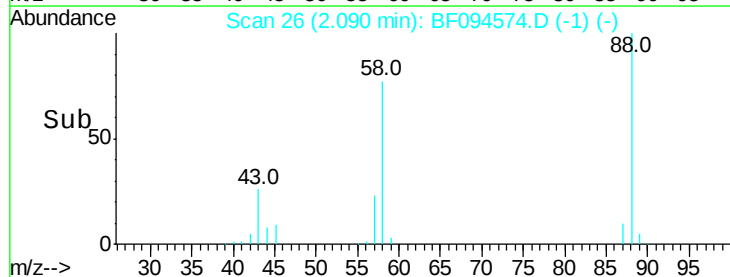
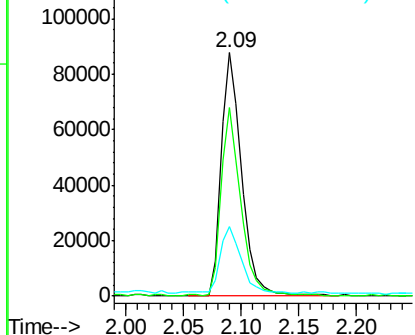
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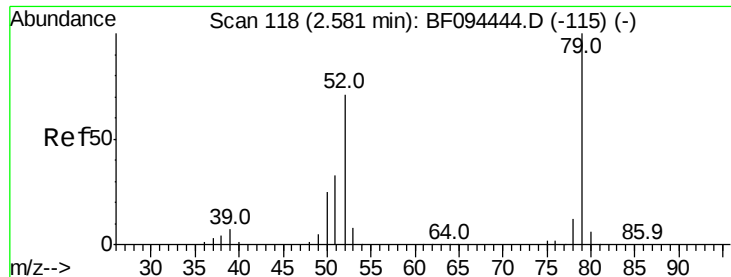
1,4-Dioxane
Concen: 28.23 ng
RT: 2.09 min Scan# 26
Delta R.T. 0.02 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

Tgt Ion: 88 Resp: 107392
Ion Ratio Lower Upper
88 100
58 74.6 61.4 92.0
43 28.7 23.4 35.0



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





#3

Pvridine

Concen: 35.90 ng

RT: 2.63 min Scan# 118

Delta R.T. 0.05 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampleId :

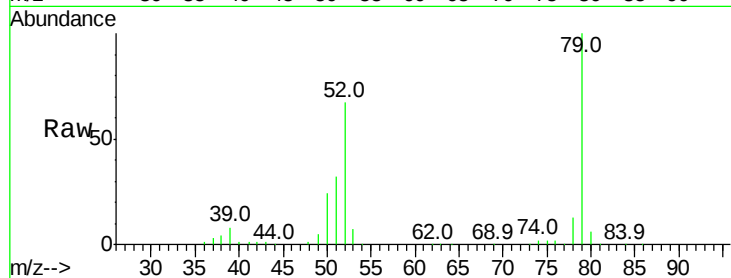
Tot Ion: 79 Resp: 298483

Ion Ratio Lower Upper

79 100

52 67.5 54.8 82.2

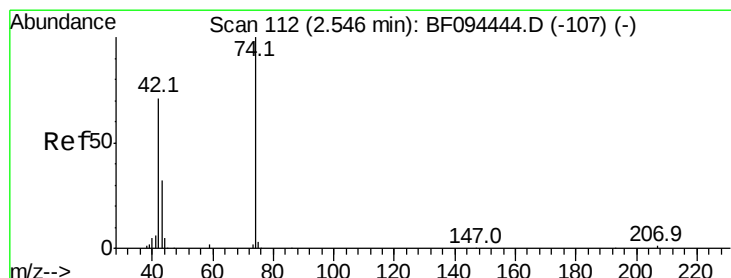
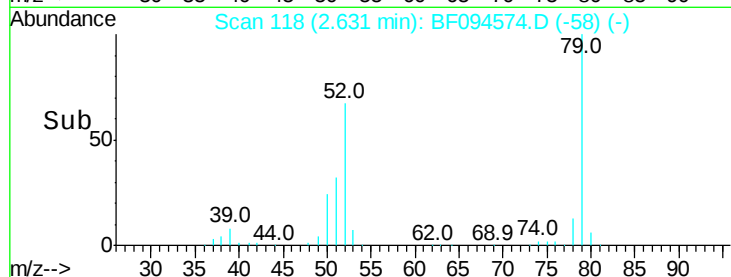
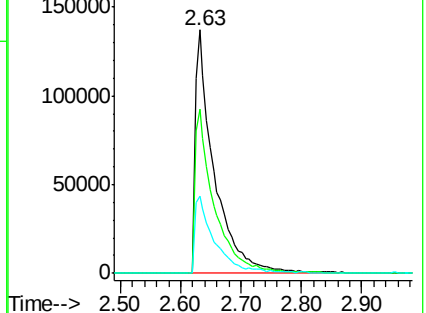
51 31.9 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.24 ng

RT: 2.57 min Scan# 108

Delta R.T. 0.03 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

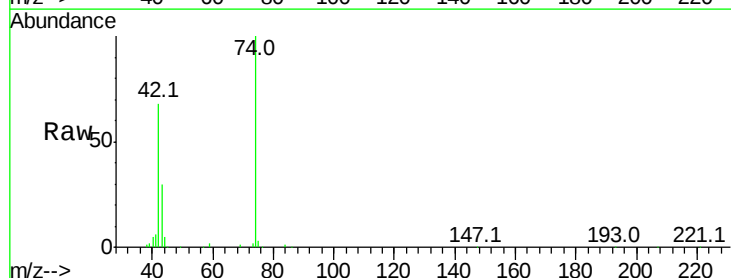
Tgt Ion: 42 Resp: 138426

Ion Ratio Lower Upper

42 100

74 146.9 103.9 155.9

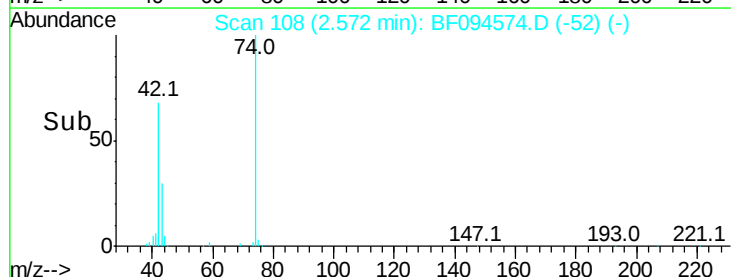
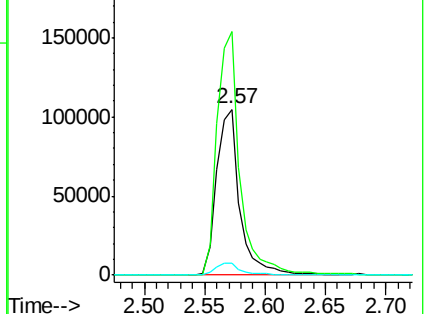
44 7.1 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

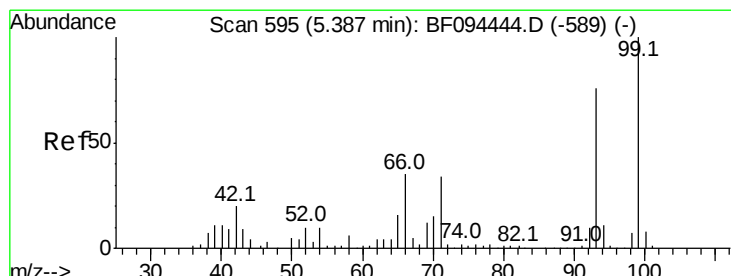
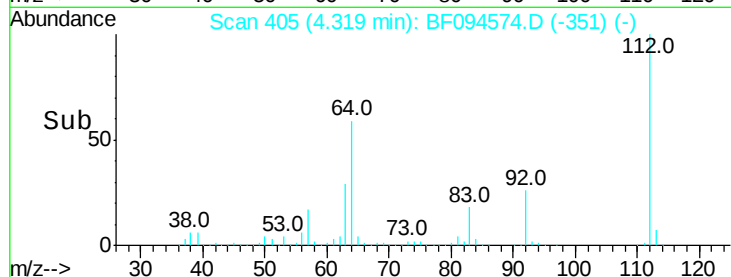
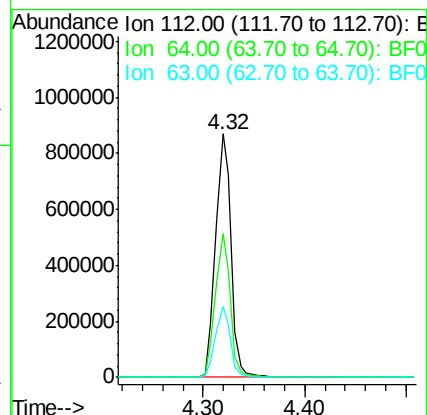
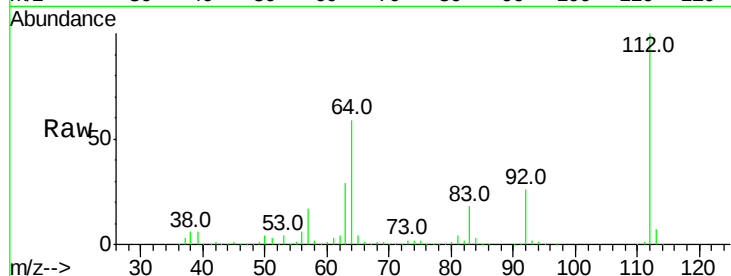




#5
 2-Fluorophenol
 Concen: 141.28 ng
 RT: 4.32 min Scan# 405
 Delta R.T. 0.02 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

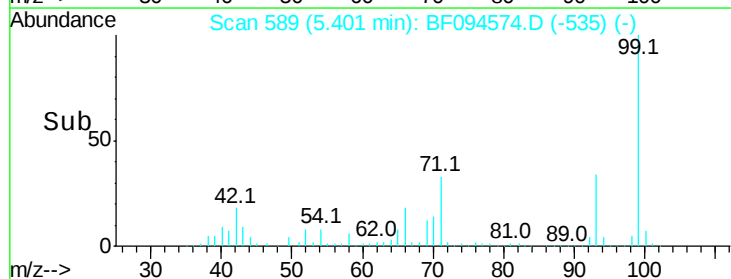
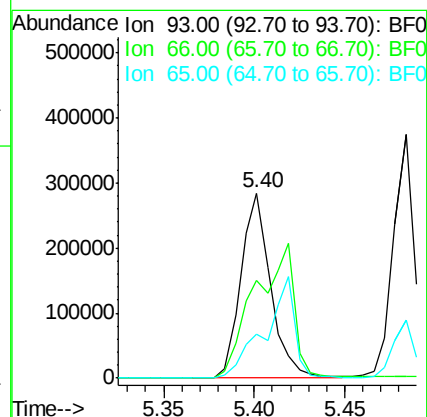
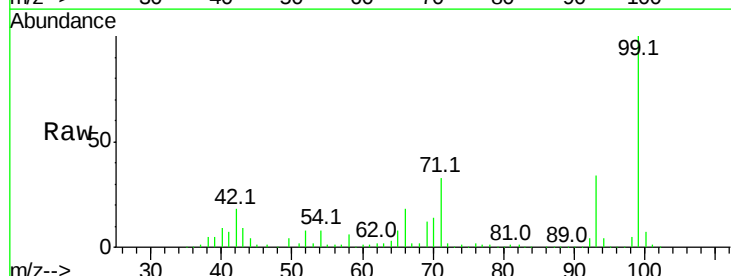
Instrument :
 BNA_F
 ClientSampled :

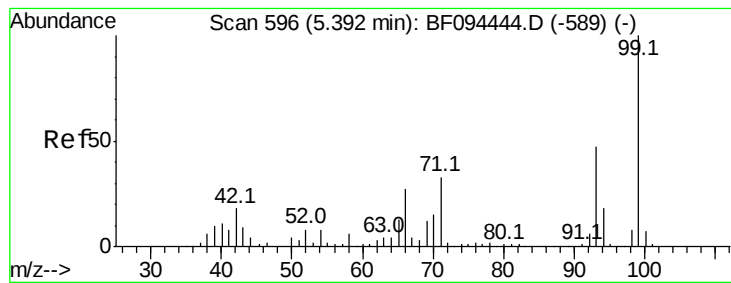
Tot Ion:112 Resp: 924136
 Ion Ratio Lower Upper
 112 100
 64 59.1 46.0 69.0
 63 29.0 23.4 35.0



#6
 Aniline
 Concen: 31.60 ng
 RT: 5.40 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Tgt Ion: 93 Resp: 323866
 Ion Ratio Lower Upper
 93 100
 66 52.9 32.9 49.3#
 65 23.5 16.0 24.0





#7

Phenol-d6

Concen: 142.53 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

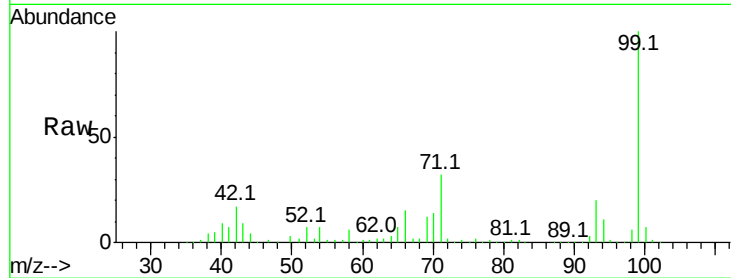
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1099109

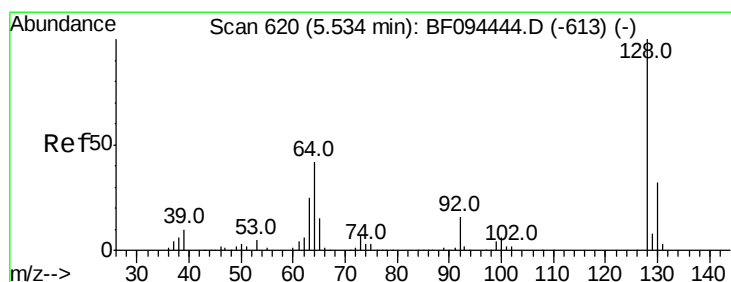
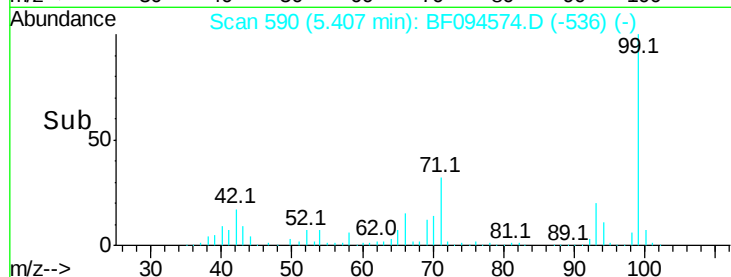
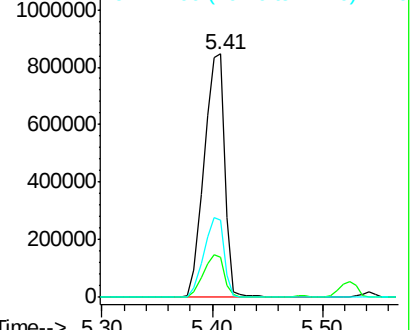
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.5	20.3
71	31.9	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.20 ng

RT: 5.54 min Scan# 613

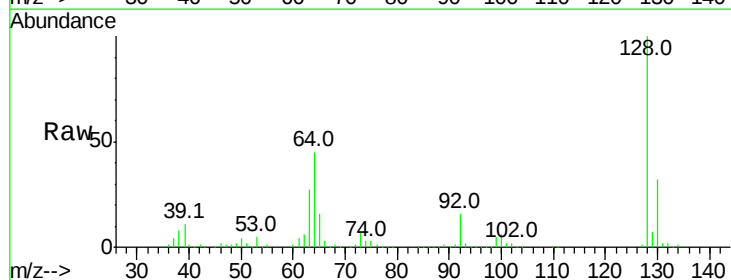
Delta R.T. 0.01 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Tgt Ion:128 Resp: 328983

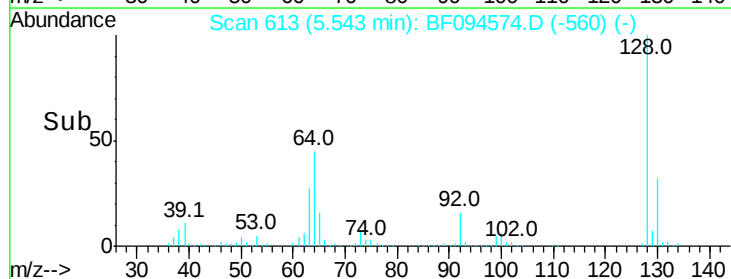
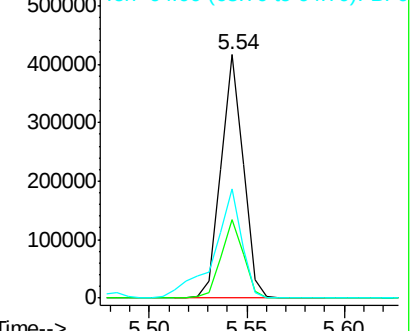
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	45.0	28.4	68.4

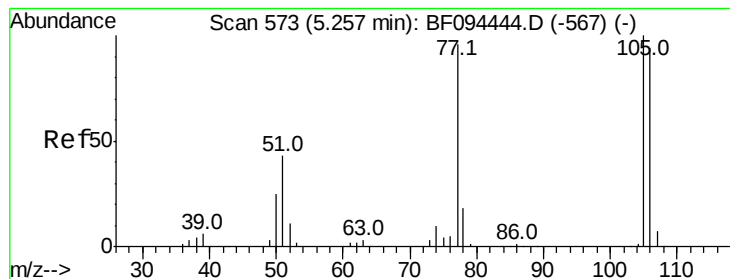


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.25 ng

RT: 5.27 min Scan# 566

Delta R.T. 0.01 min

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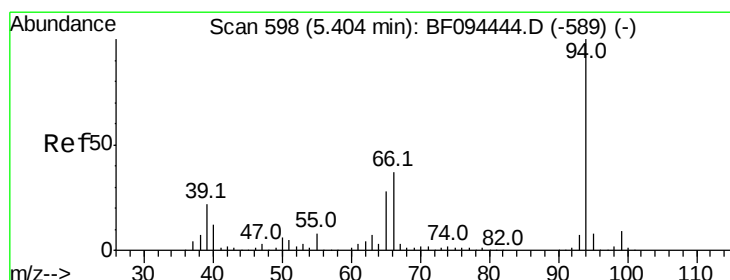
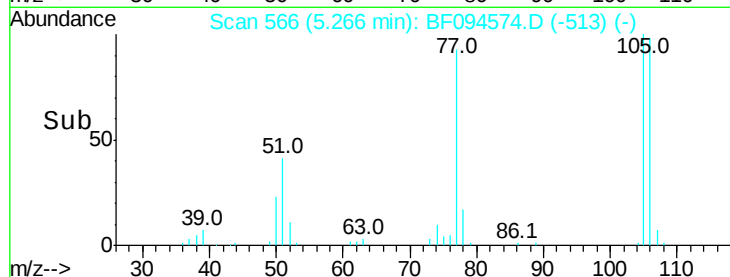
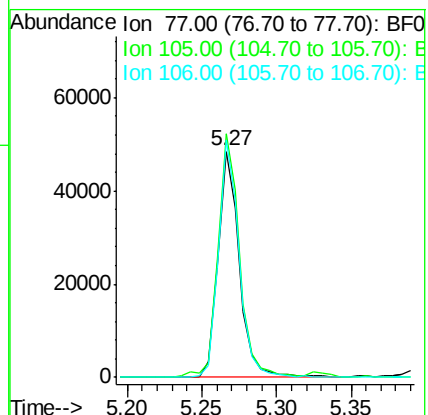
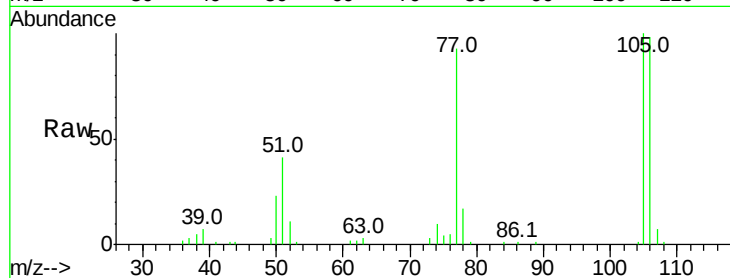
Tot Ion: 77 Resp: 48418

Ion Ratio Lower Upper

77 100

105 107.6 83.8 123.8

106 105.1 79.1 119.1



#10

Phenol

Concen: 47.31 ng

RT: 5.42 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF094574.D

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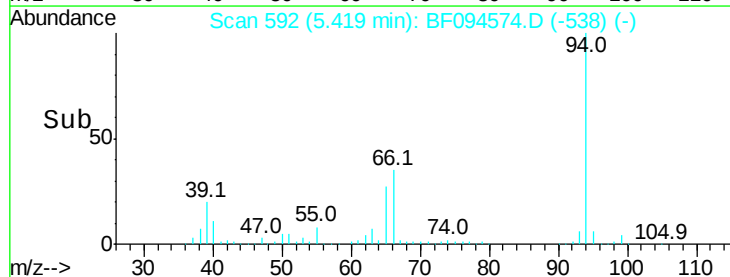
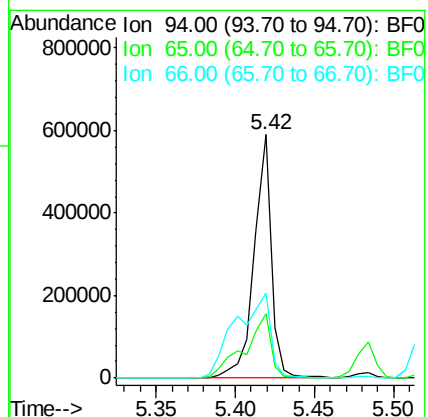
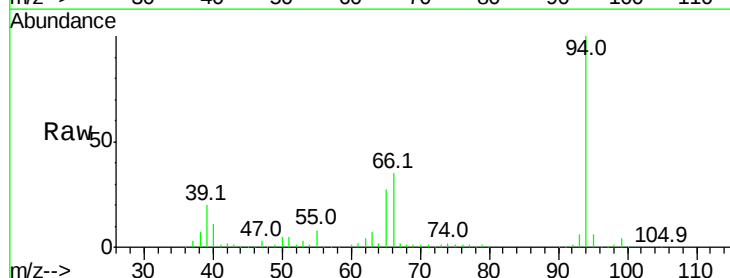
Tgt Ion: 94 Resp: 448176

Ion Ratio Lower Upper

94 100

65 26.6 9.9 49.9

66 35.1 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 42.65 ng

RT: 5.48 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampled :

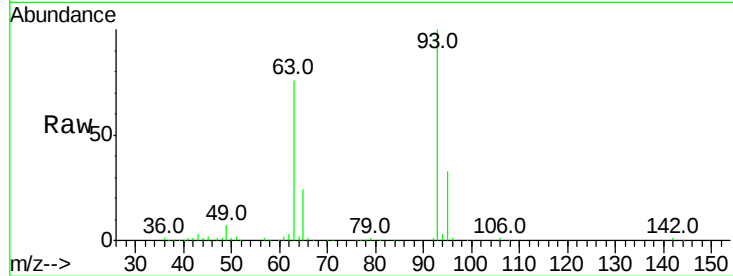
Tot Ion: 93 Resp: 295162

Ion Ratio Lower Upper

93 100

63 76.3 59.2 99.2

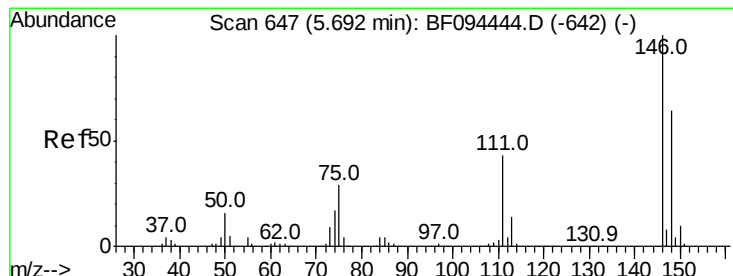
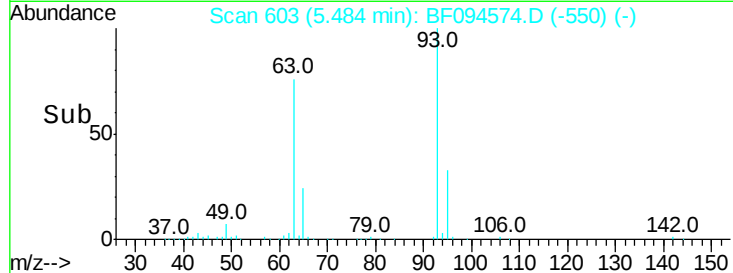
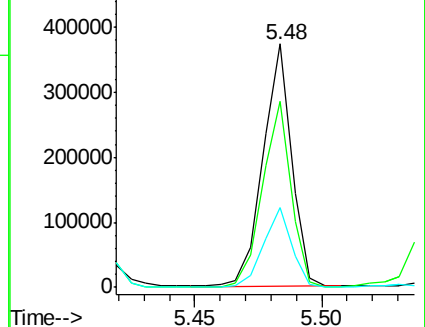
95 32.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.89 ng

RT: 5.70 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

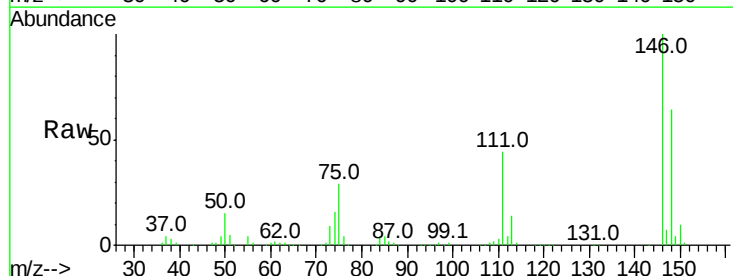
Tgt Ion: 146 Resp: 345421

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

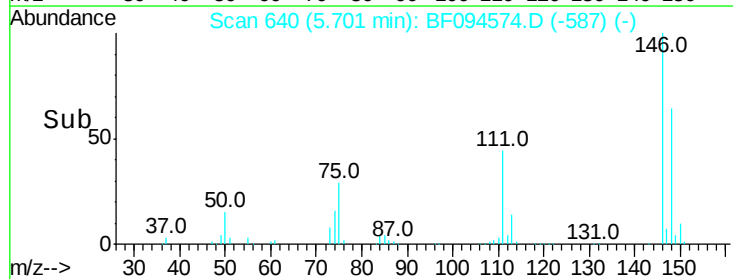
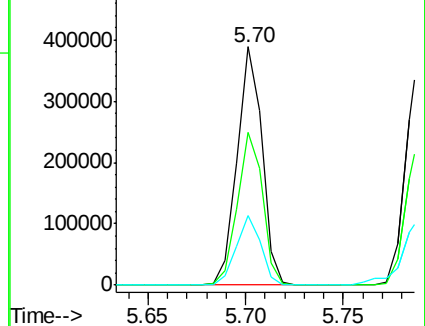
75 29.1 23.1 34.7

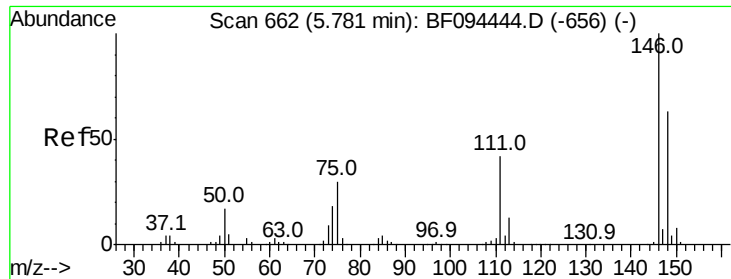


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

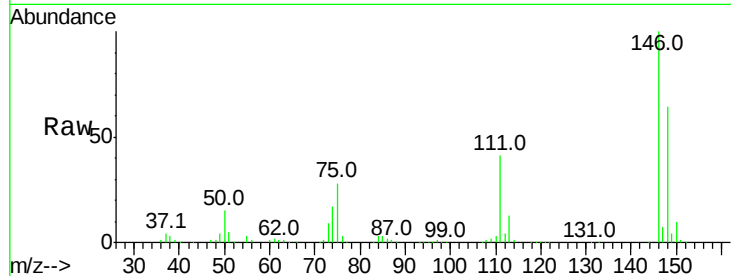




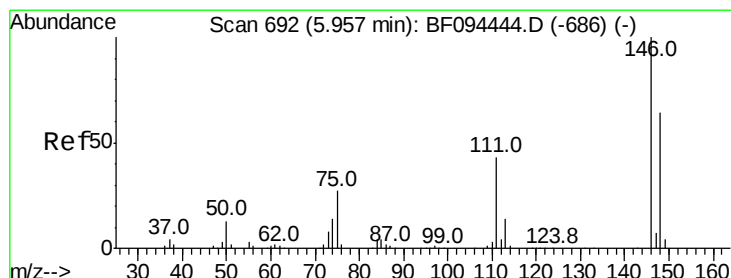
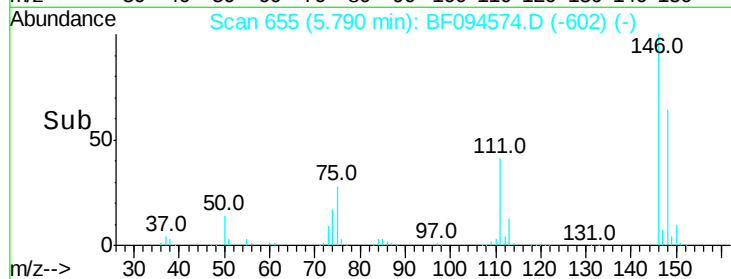
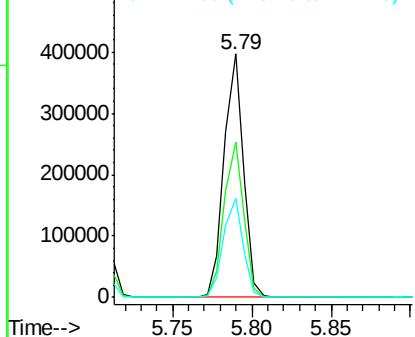
#13
 1,4-Dichlorobenzene
 Concen: 40.57 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 336571
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.2
 111 40.5 30.3 45.5

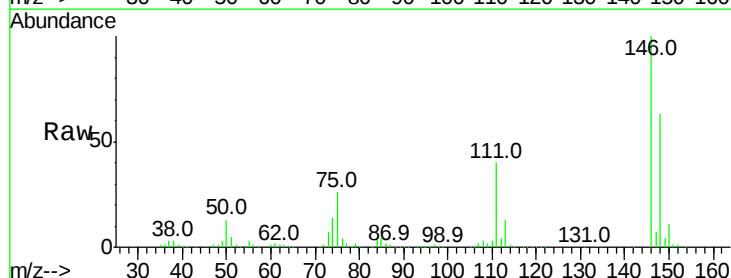


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

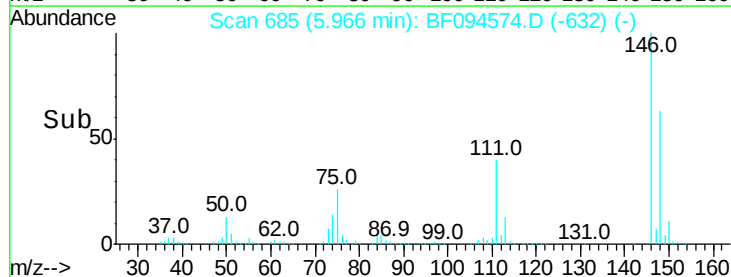
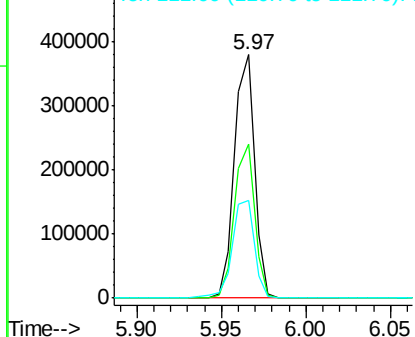


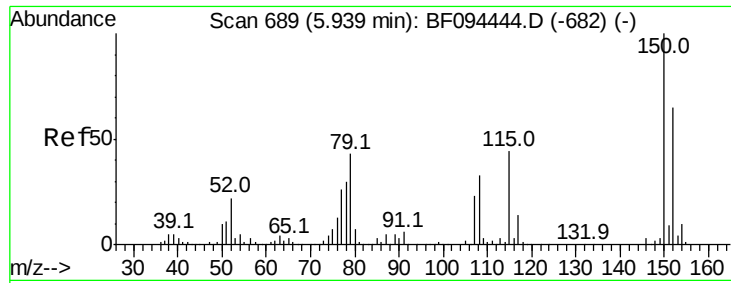
#14
 1,2-Dichlorobenzene
 Concen: 41.13 ng
 RT: 5.97 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Tgt Ion:146 Resp: 314322
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.4 75.6
 111 40.4 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 42.36 ng

RT: 5.95 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampleId :

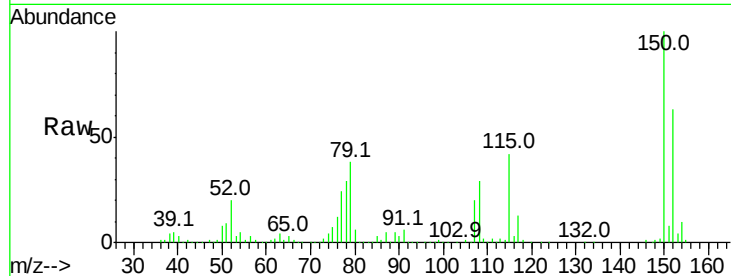
Tot Ion: 79 Resp: 242307

Ion Ratio Lower Upper

79 100

108 77.2 63.4 95.0

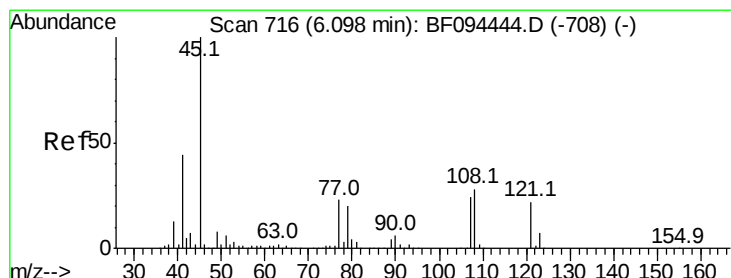
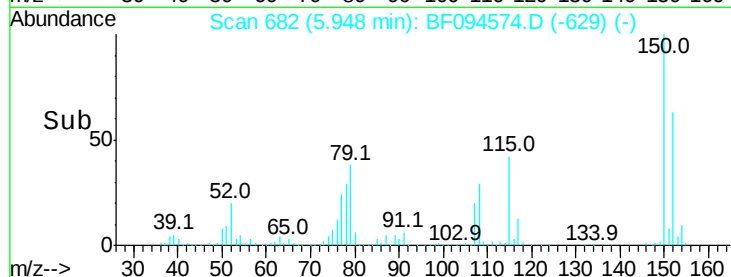
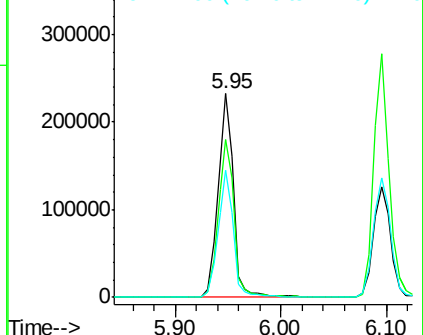
77 62.6 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.60 ng

RT: 6.10 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

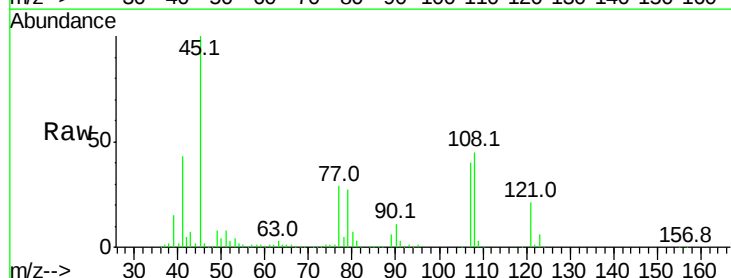
Tgt Ion: 45 Resp: 386521

Ion Ratio Lower Upper

45 100

77 29.1 0.0 33.2

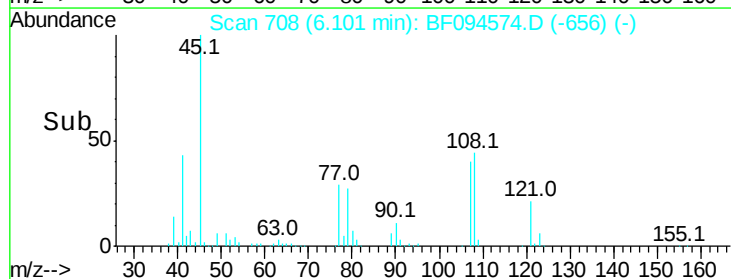
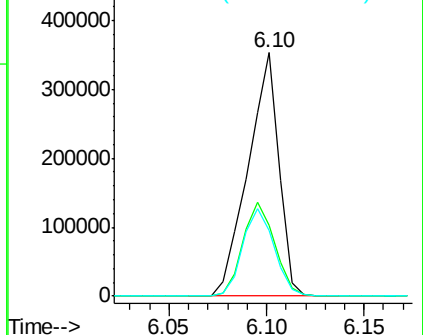
79 27.1 0.0 30.0

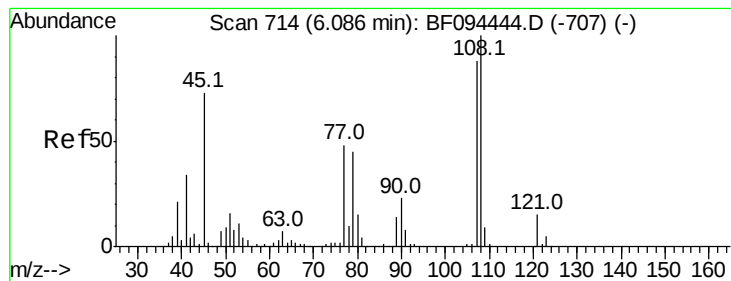


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

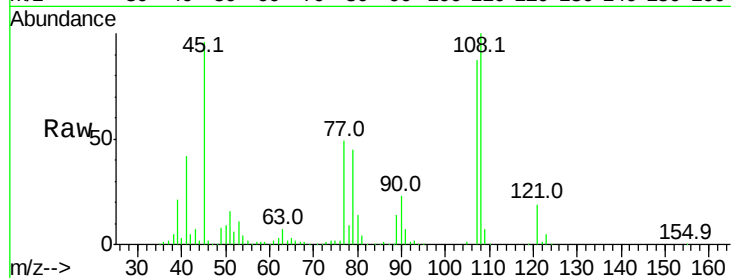




#17
2-Methylphenol
Concen: 42.14 ng
RT: 6.10 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	93.4	140.0
77	56.0	35.8	53.6#
79	52.2	34.8	52.2



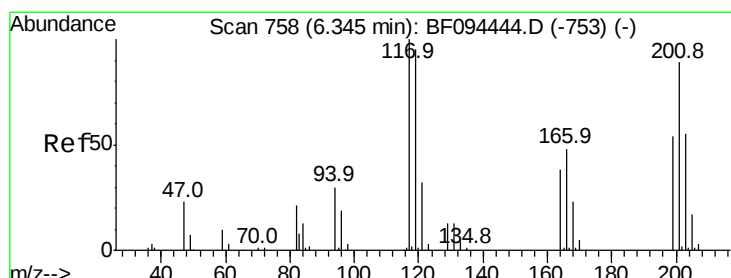
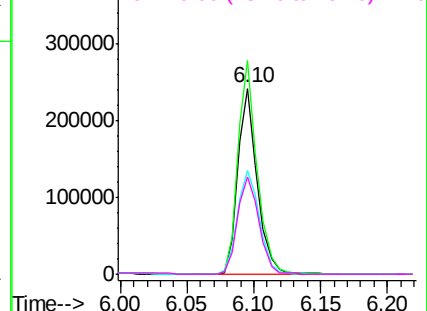
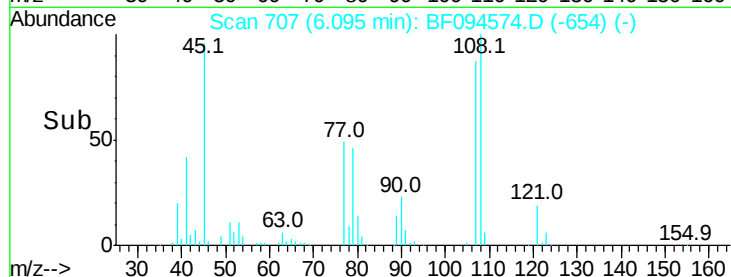
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

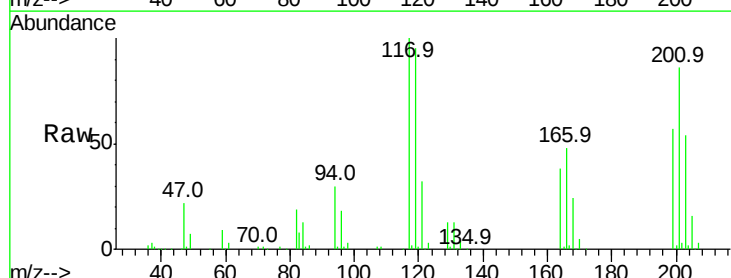
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 38.39 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.4	116.0
201	86.2	94.6	141.8#

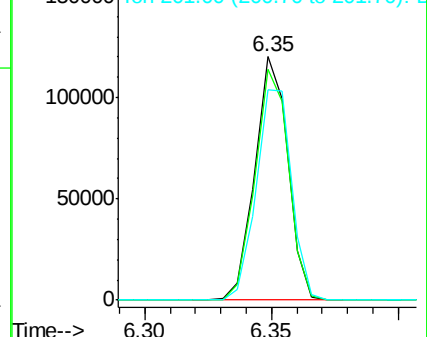
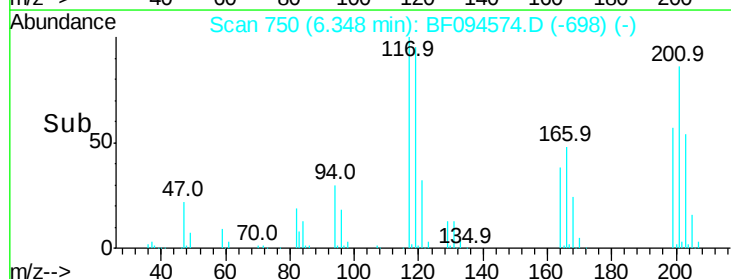


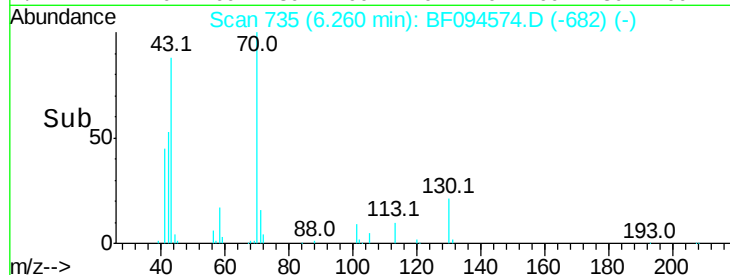
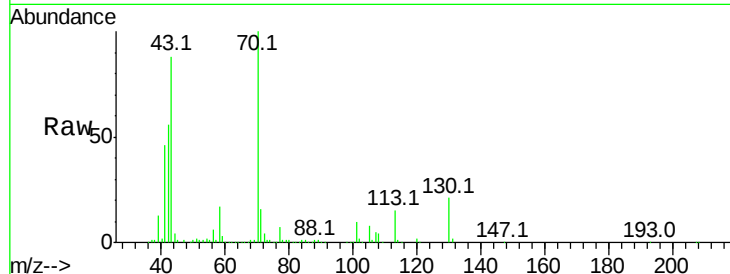
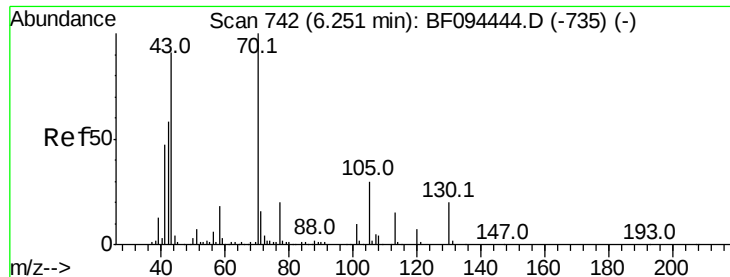
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

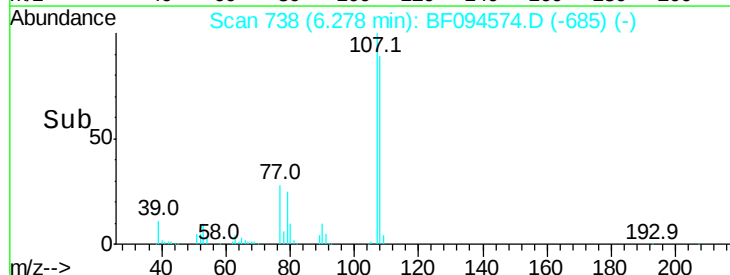
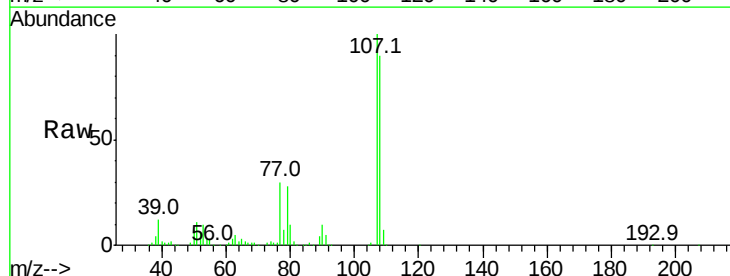
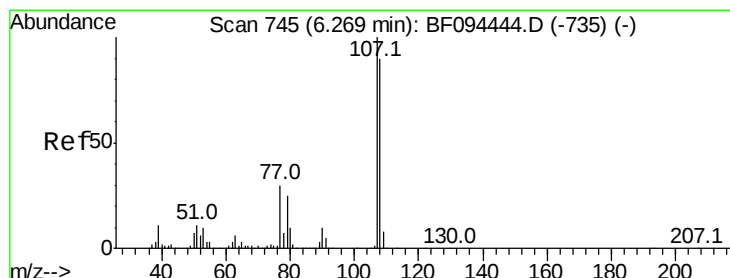
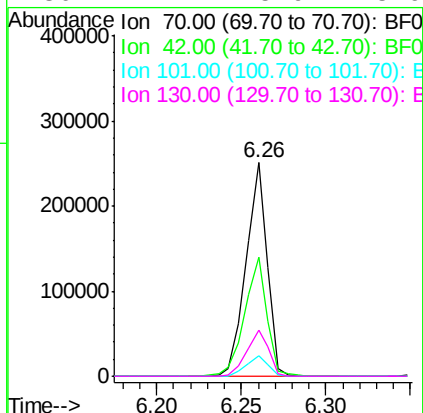




#19
n-Nitroso-di-n-propylamine
Concen: 43.10 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

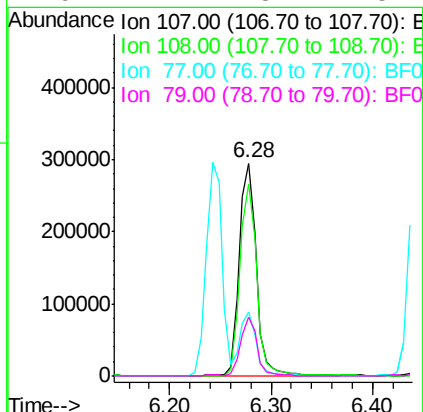
Instrument :
BNA_F
ClientSampleId :

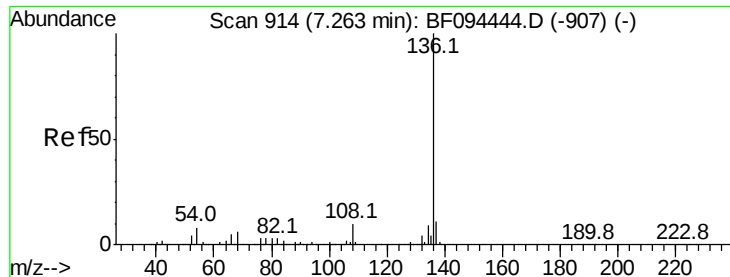
Tot Ion: 70 Resp: 220218
Ion Ratio Lower Upper
70 100
42 55.6 47.2 70.8
101 9.6 7.2 10.8
130 21.4 15.9 23.9



#20
3+4-Methylphenols
Concen: 43.01 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

Tgt Ion:107 Resp: 342649
Ion Ratio Lower Upper
107 100
108 90.2 71.0 111.0
77 29.9 90.5 130.5#
79 27.7 8.4 48.4

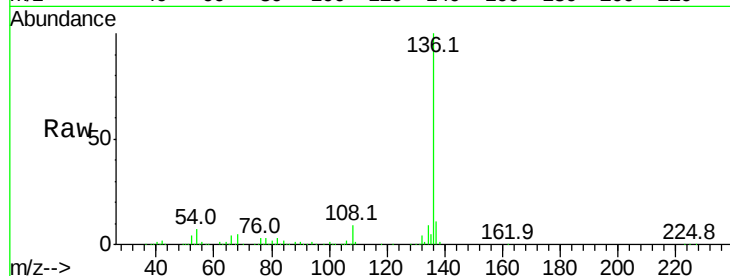




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	430047
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.5	12.7
54 7.1	4.9	7.3
68 5.3	4.1	6.1

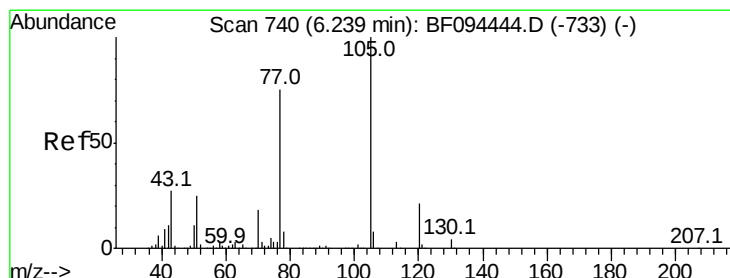
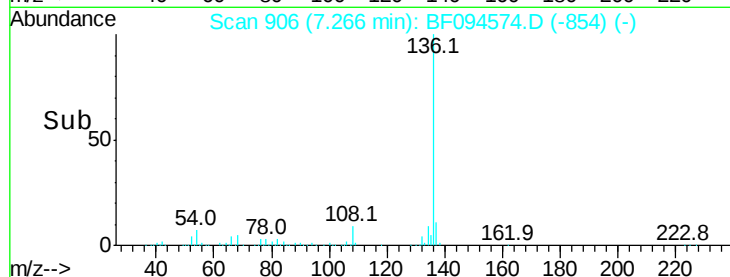
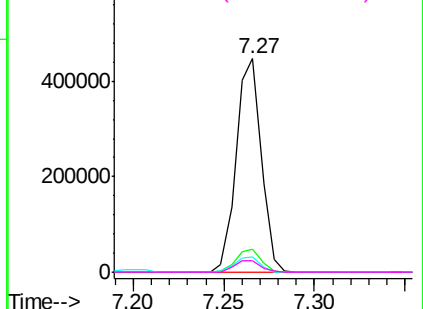


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

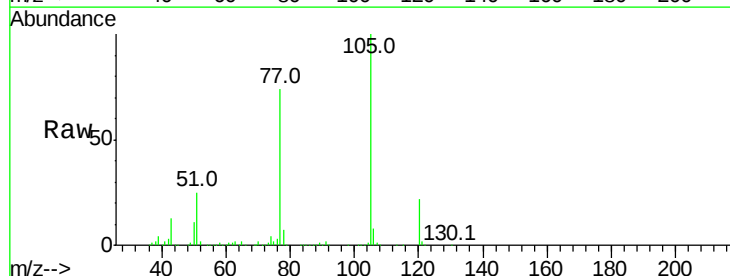
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 42.41 ng
RT: 6.24 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

Tgt	Ion:105	Resp:	443475
Ion	Ratio	Lower	Upper
105	100		
71	0.5	2.8	4.2#
51	24.5	30.7	46.1#
120	22.3	17.4	26.0

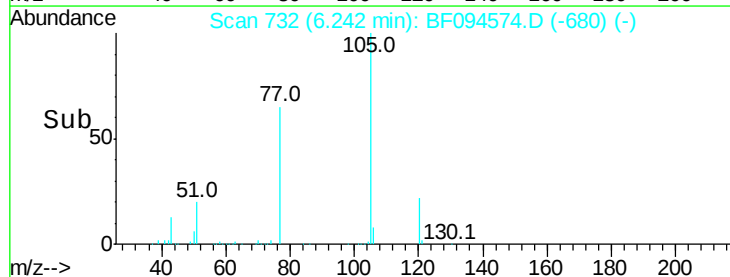
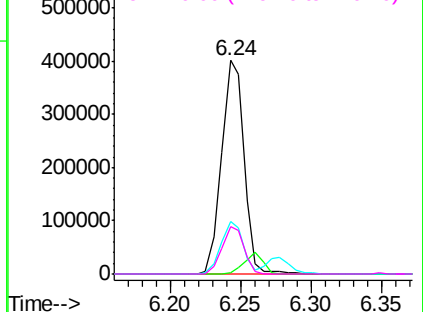


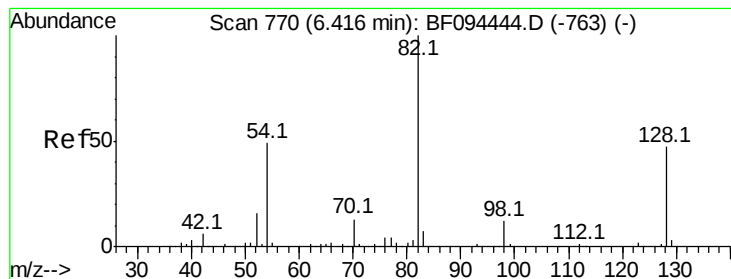
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 96.64 ng

RT: 6.42 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampleId :

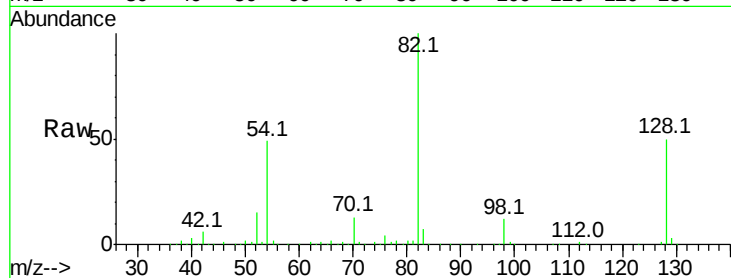
Tot Ion: 82 Resp: 673050

Ion Ratio Lower Upper

82 100

128 49.7 34.0 51.0

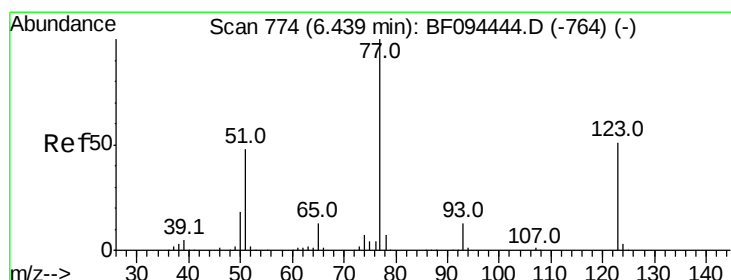
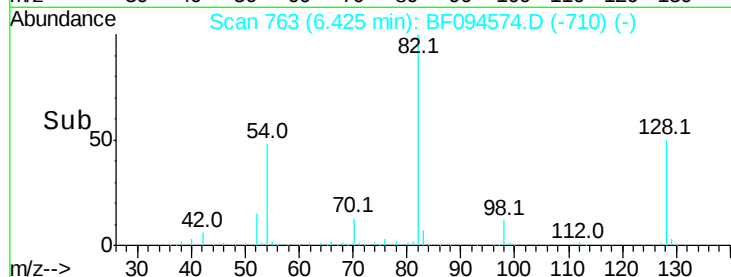
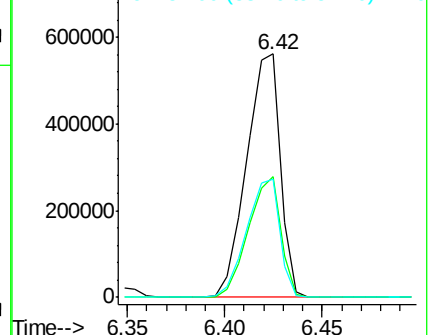
54 48.5 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.28 ng

RT: 6.44 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

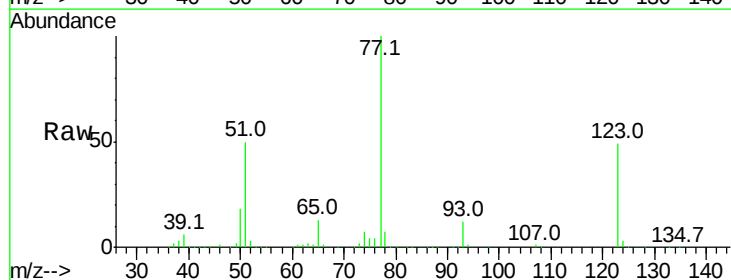
Tgt Ion: 77 Resp: 310086

Ion Ratio Lower Upper

77 100

123 48.8 35.8 53.8

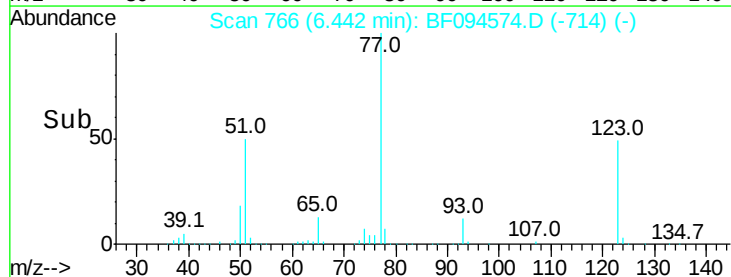
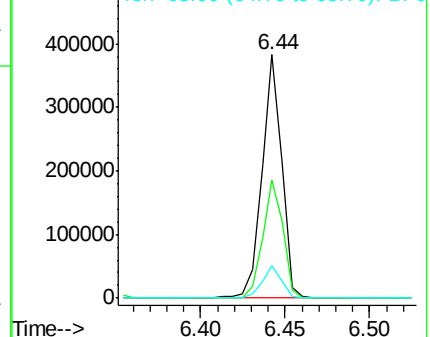
65 13.3 10.6 15.8

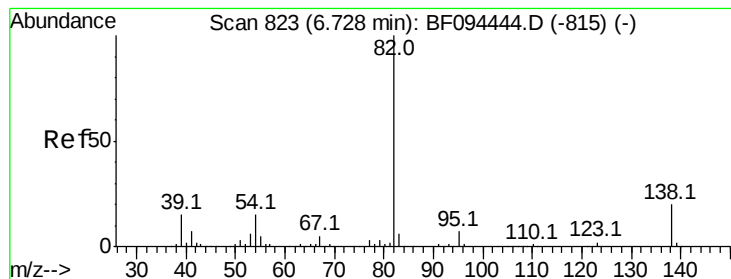


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.80 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampleId :

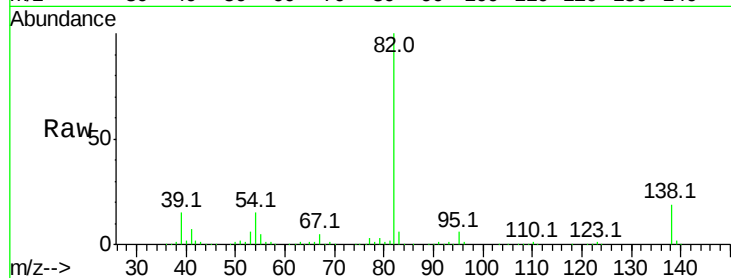
Tot Ion: 82 Resp: 565516

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

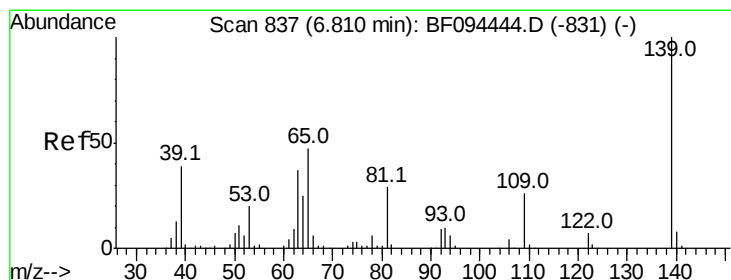
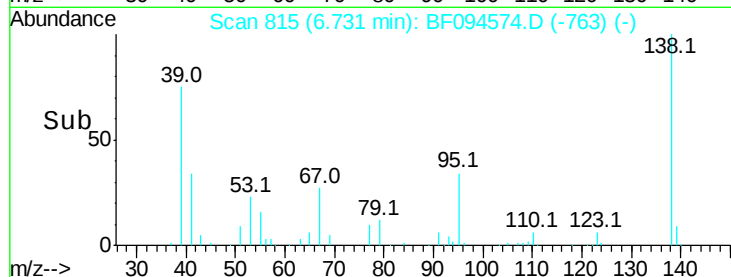
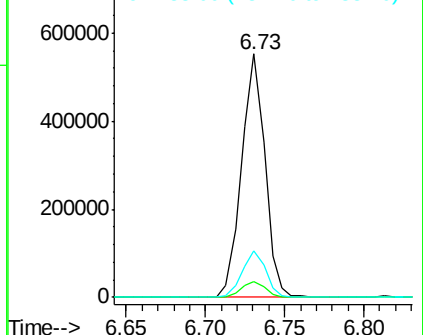
138 19.3 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.85 ng

RT: 6.81 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

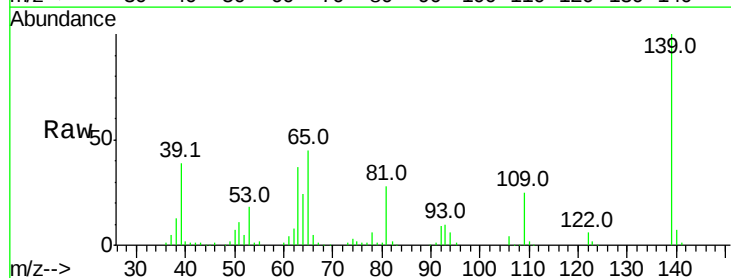
Tgt Ion: 139 Resp: 168854

Ion Ratio Lower Upper

139 100

109 24.9 21.0 31.6

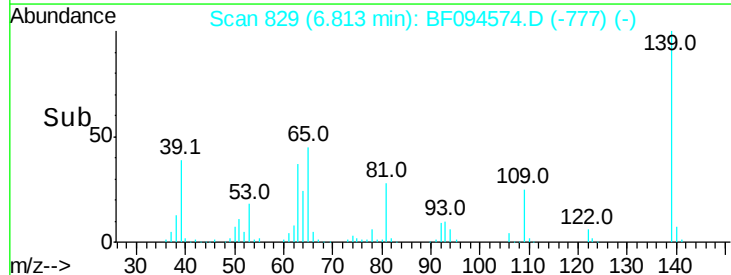
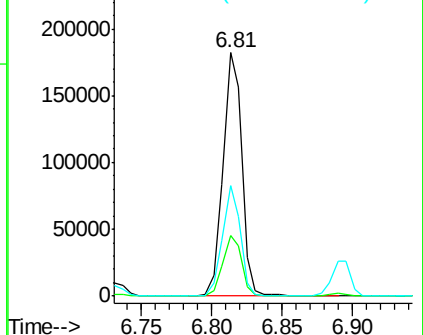
65 45.4 33.0 49.6

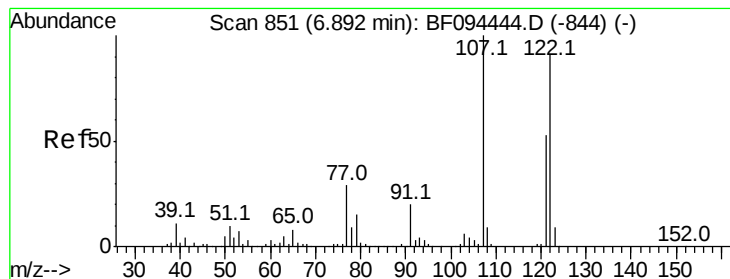


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.26 ng

RT: 6.90 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :
BNA_F
ClientSampled :

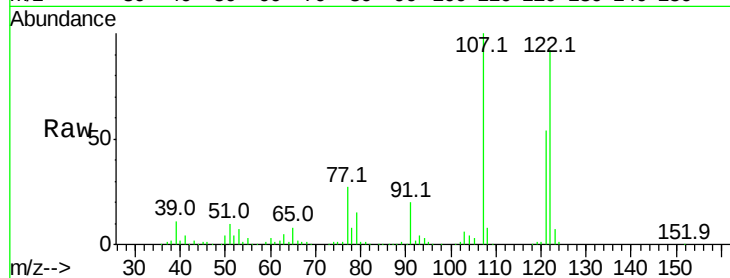
Tot Ion:122 Resp: 276893

Ion Ratio Lower Upper

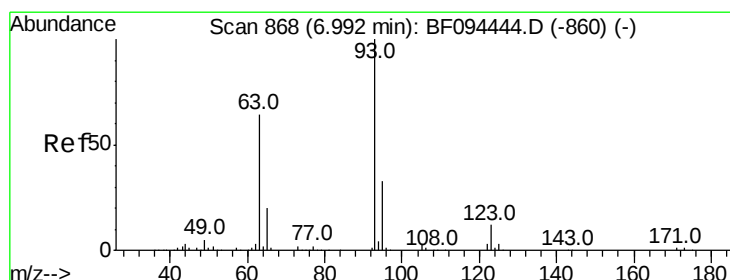
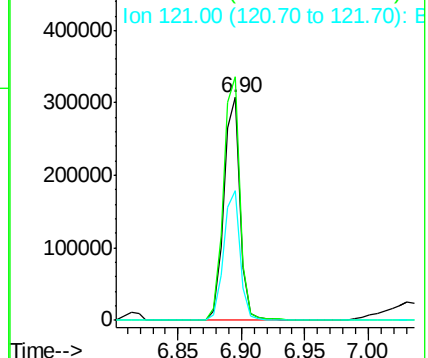
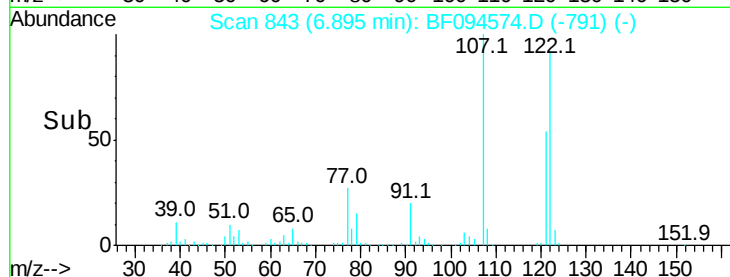
122 100

107 109.3 89.2 133.8

121 58.5 45.2 67.8



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



#28

bis(2-Chloroethoxy)methane

Concen: 43.28 ng

RT: 6.99 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

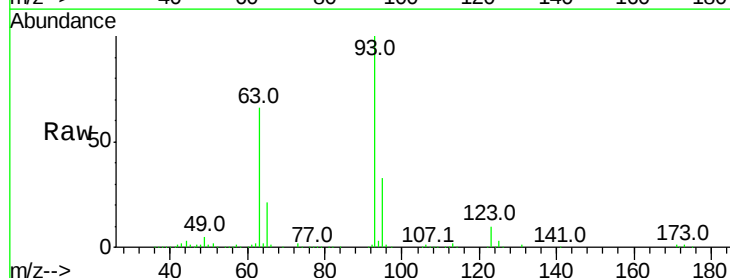
Tgt Ion: 93 Resp: 361465

Ion Ratio Lower Upper

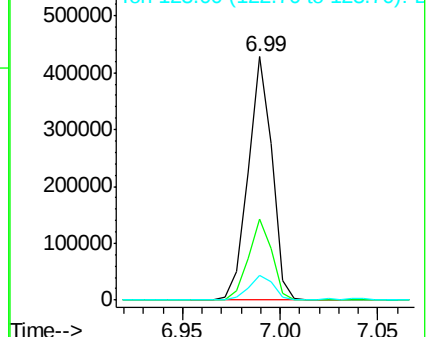
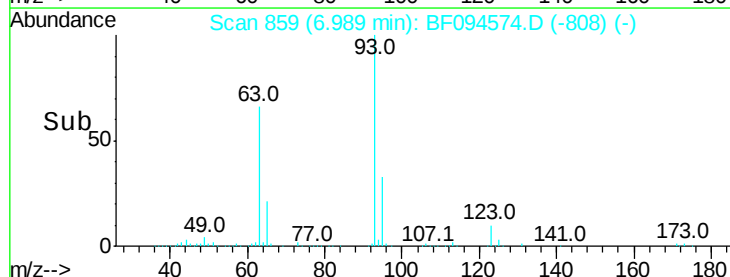
93 100

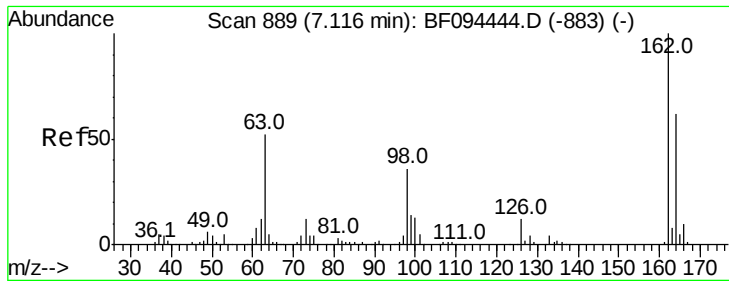
95 33.3 26.5 39.7

123 10.3 9.0 13.4



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

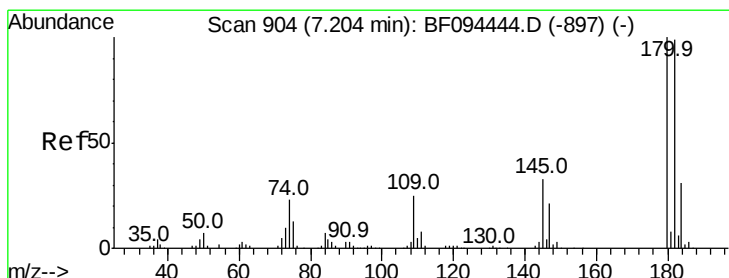
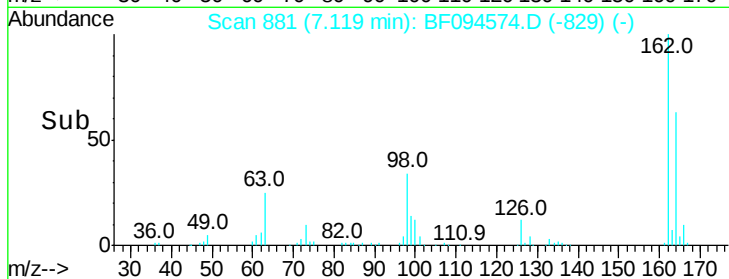
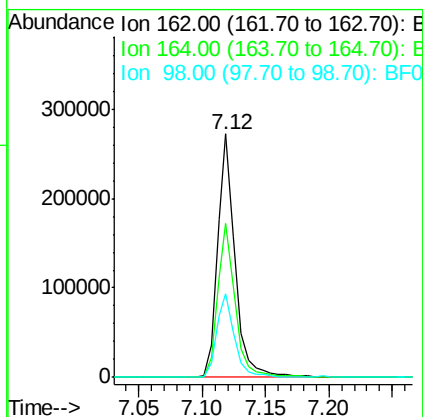
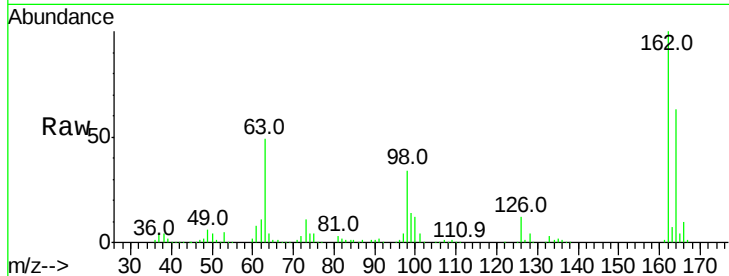




#29
 2,4-Dichlorophenol
 Concen: 44.53 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

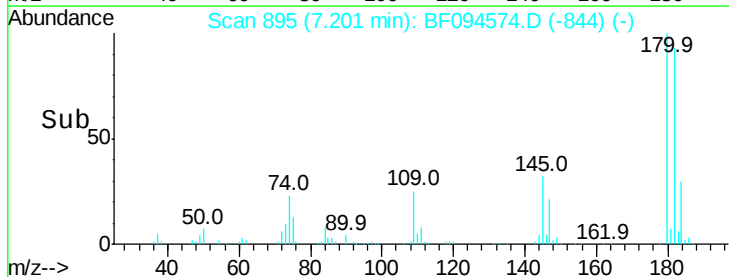
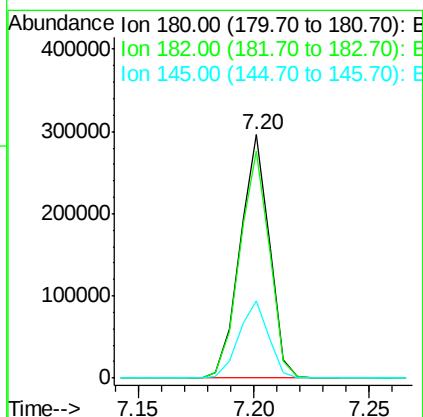
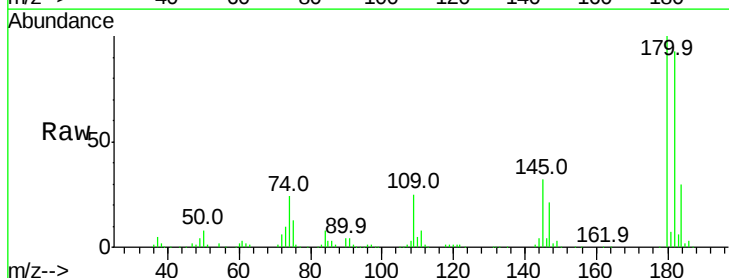
Instrument :
 BNA_F
 ClientSampleId :

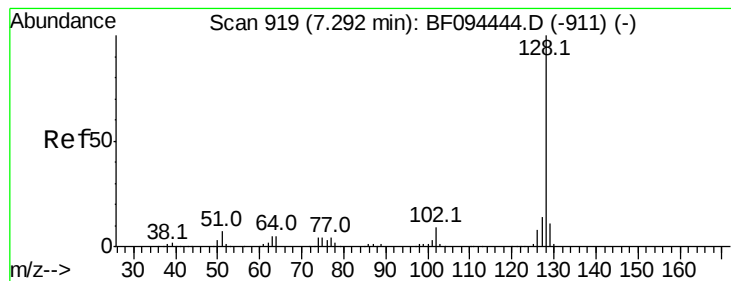
Tot Ion	Ratio	Resp	Lower	Upper
162	100	265116		
164	63.1		44.6	84.6
98	34.4		14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 42.37 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	260811		
182	93.4		75.8	113.6
145	31.8		25.3	37.9





#31

Naphthalene

Concen: 42.30 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampleId :

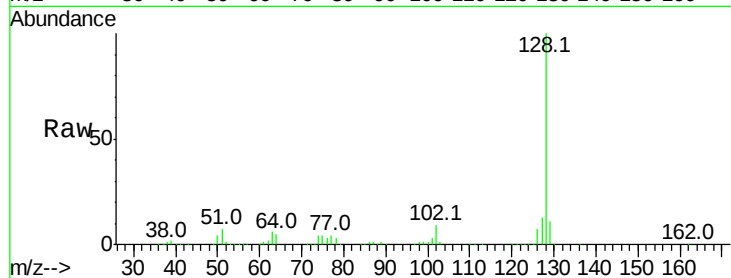
Tot Ion:128 Resp: 874479

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

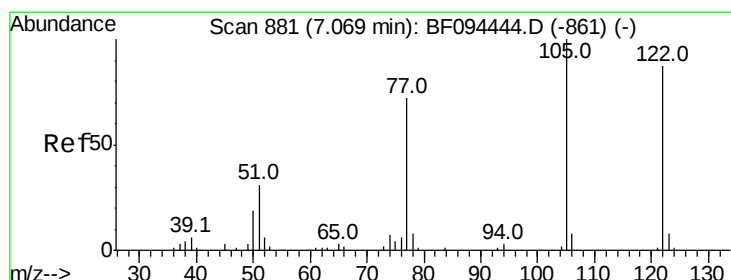
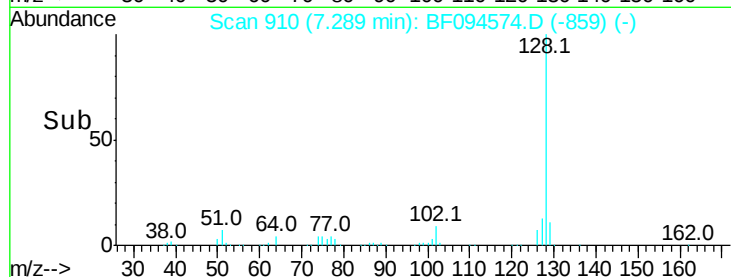
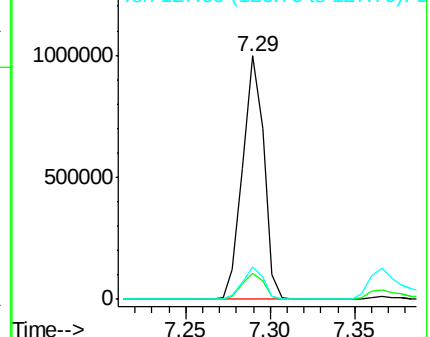
127 13.5 10.8 16.2



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: 17.53 ng

RT: 7.04 min Scan# 868

Delta R.T. -0.03 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

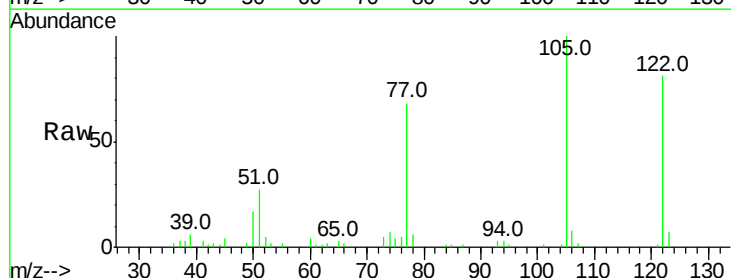
Tgt Ion:122 Resp: 59334

Ion Ratio Lower Upper

122 100

105 123.6 103.3 143.3

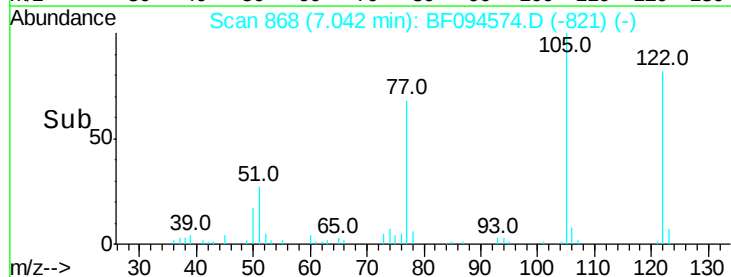
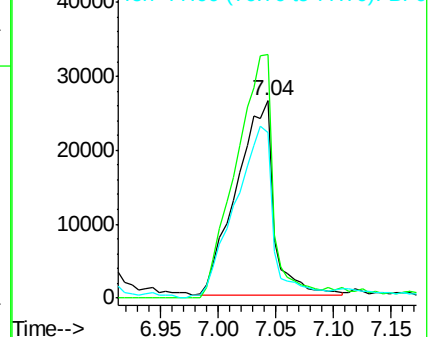
77 83.9 73.7 113.7

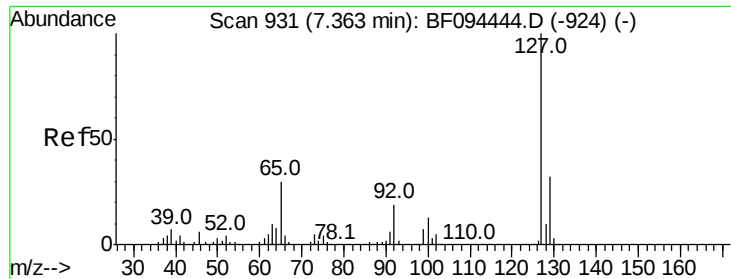


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

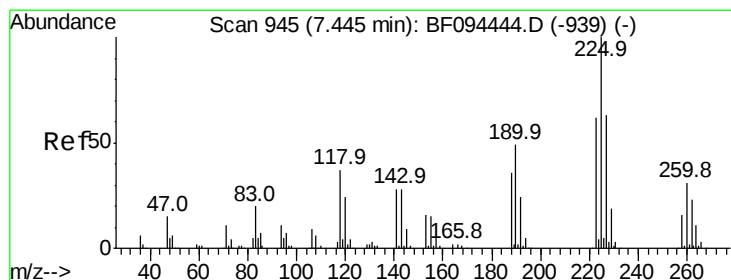
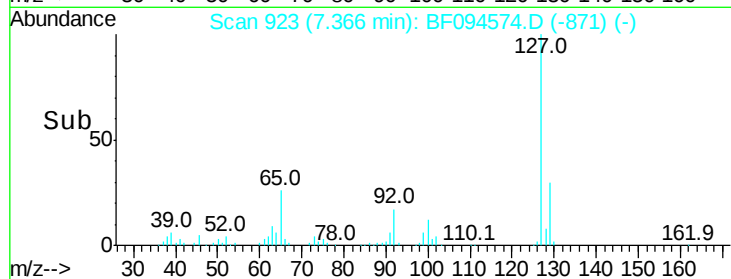
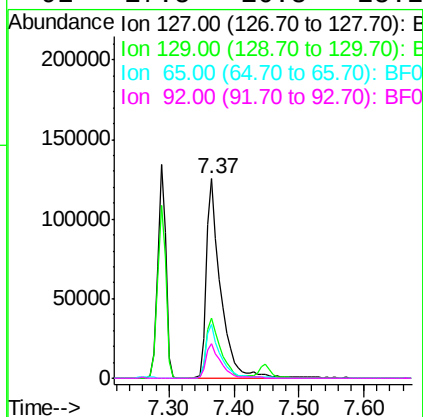
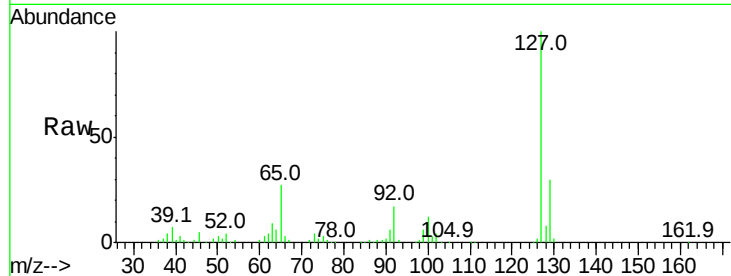




#33
 4-Chloroaniline
 Concen: 22.29 ng
 RT: 7.37 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

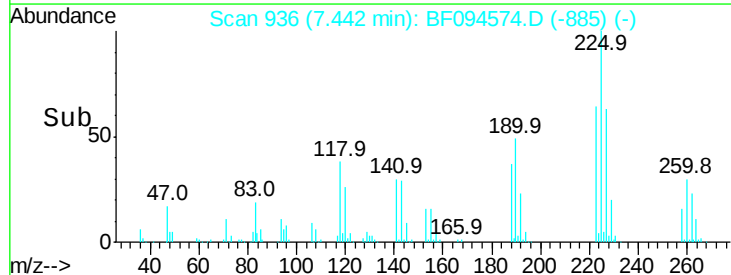
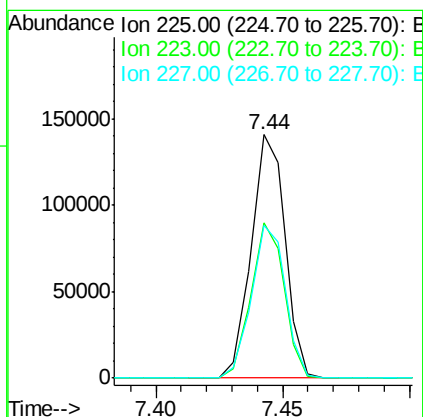
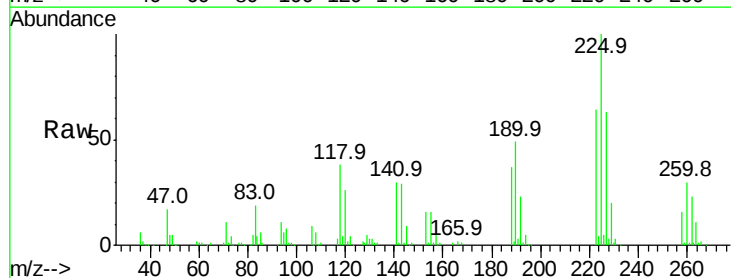
Instrument :
 BNA_F
 ClientSampleId :

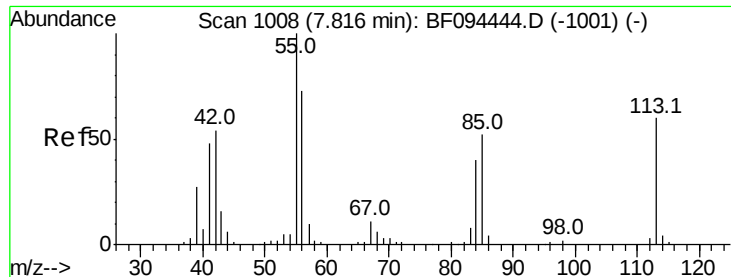
Tot Ion:	127	Resp:	191693
Ion	Ratio	Lower	Upper
127	100		
129	30.0	26.2	39.2
65	26.7	27.8	41.8#
92	17.5	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 42.80 ng
 RT: 7.44 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Tgt Ion:	225	Resp:	131346
Ion	Ratio	Lower	Upper
225	100		
223	64.0	48.8	73.2
227	62.7	51.1	76.7

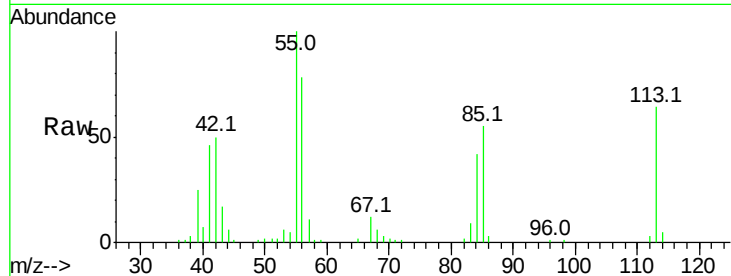




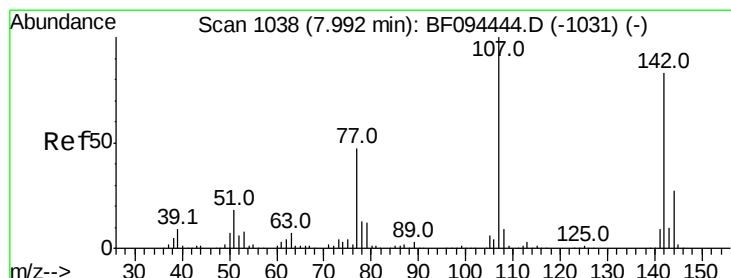
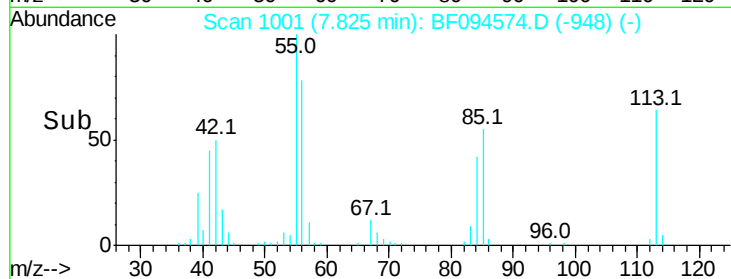
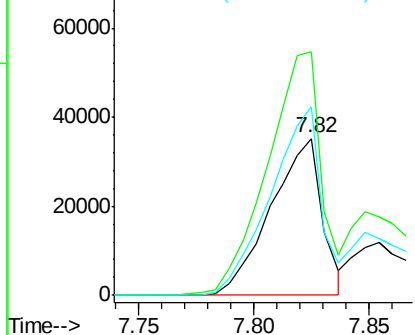
#35
 Caprolactam
 Concen: 28.87 ng
 RT: 7.82 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 54009
 Ion Ratio Lower Upper
 113 100
 55 155.4 150.2 190.2
 56 120.5 107.8 147.8

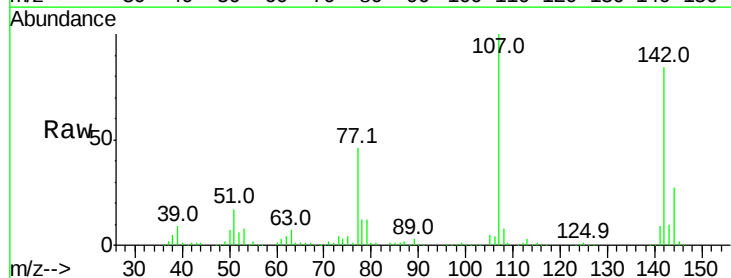


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

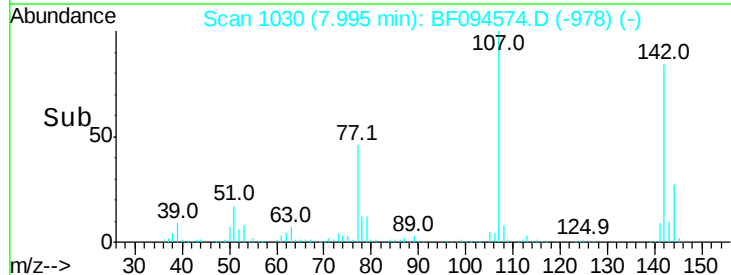
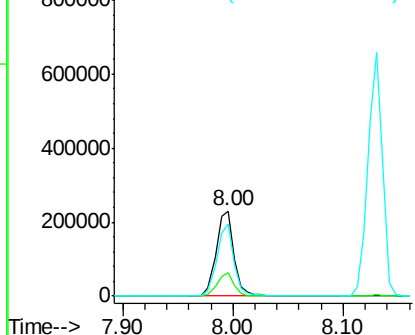


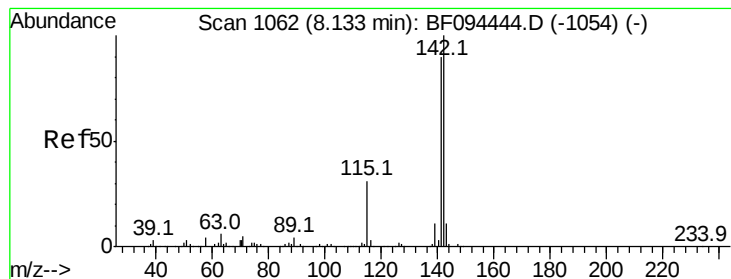
#36
 4-Chloro-3-methylphenol
 Concen: 41.17 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Tgt Ion:107 Resp: 256870
 Ion Ratio Lower Upper
 107 100
 144 27.3 24.2 36.4
 142 83.6 73.4 110.0



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





#37

2-Methylnaphthalene

Concen: 42.92 ng

RT: 8.13 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampleId :

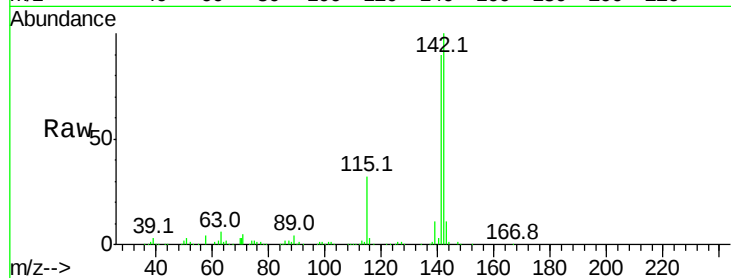
Tot Ion:142 Resp: 607077

Ion Ratio Lower Upper

142 100

141 90.2 71.3 106.9

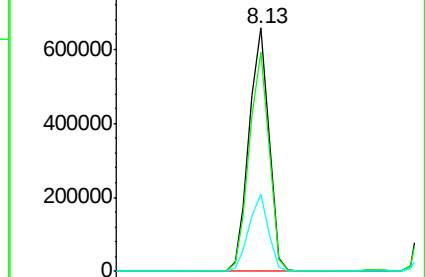
115 31.9 27.1 40.7



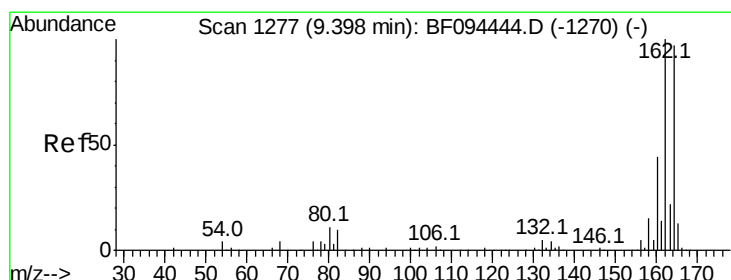
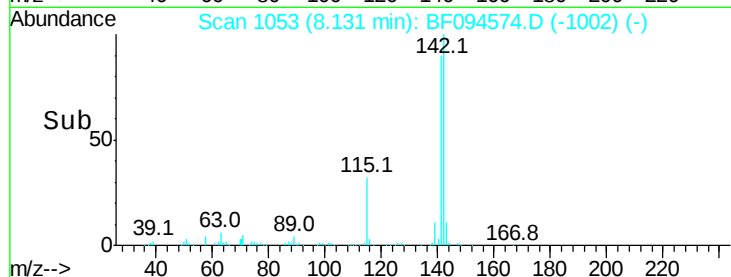
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

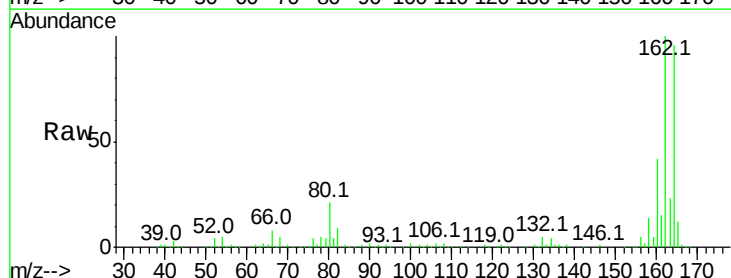
Tgt Ion:164 Resp: 176576

Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

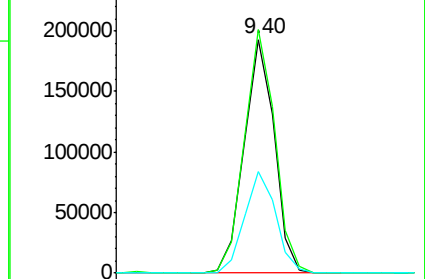
160 43.3 36.2 54.2



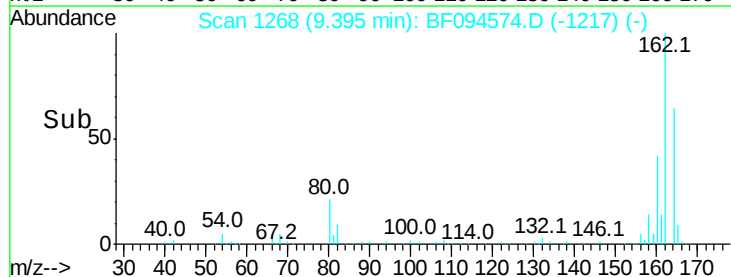
Abundance Ion 164.00 (163.70 to 164.70): E

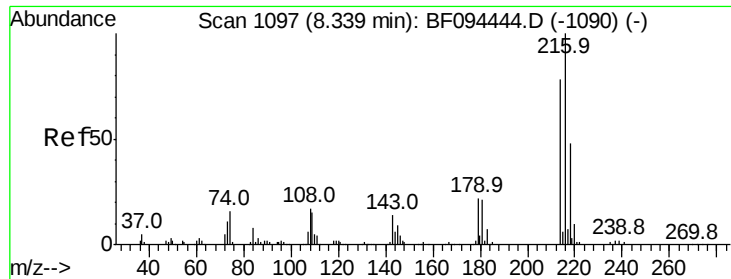
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

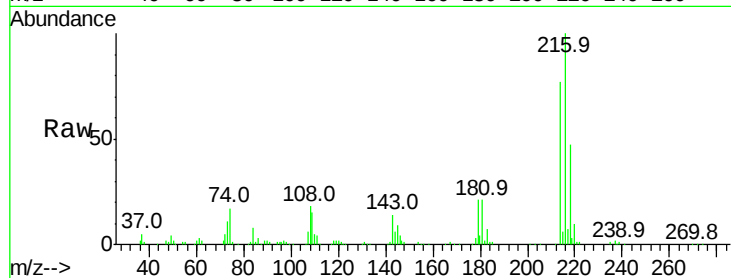




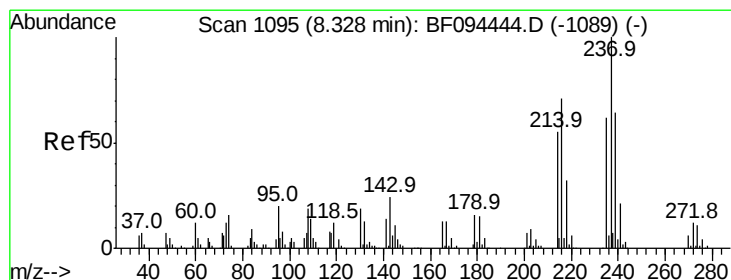
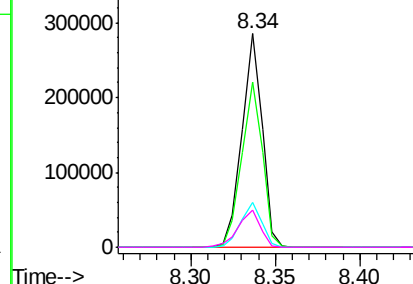
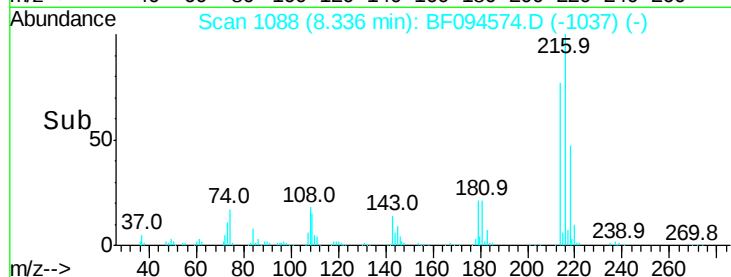
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.25 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	237563
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.2
179	21.7	17.9	26.9
108	19.2	16.5	24.7

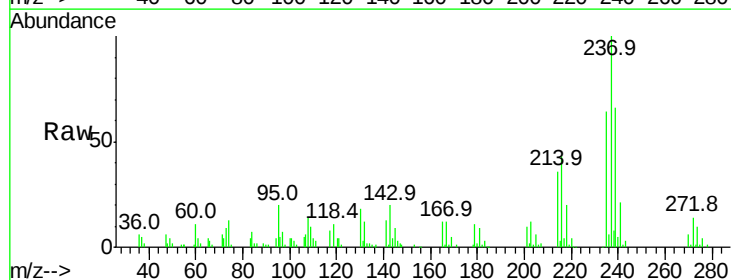


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

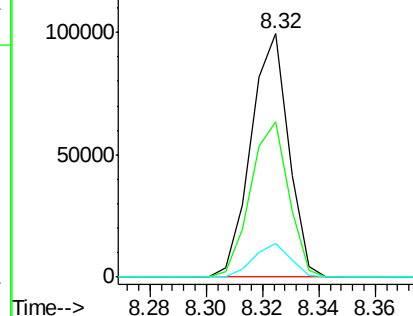
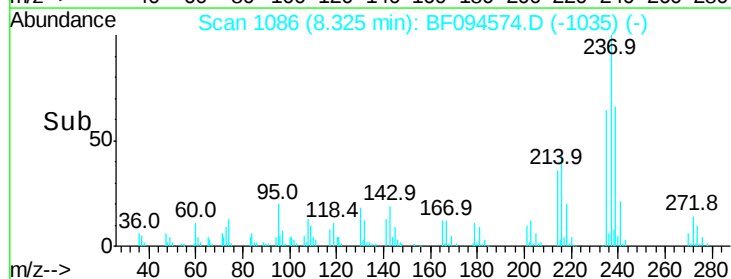


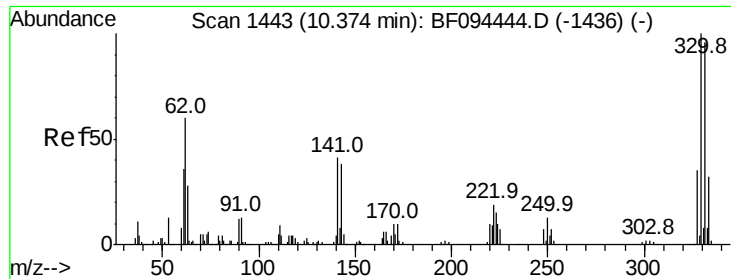
#40
 Hexachlorocyclopentadiene
 Concen: 45.21 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Tgt Ion:	237	Resp:	91968
Ion	Ratio	Lower	Upper
237	100		
235	63.7	42.6	82.6
272	13.6	0.0	31.9



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

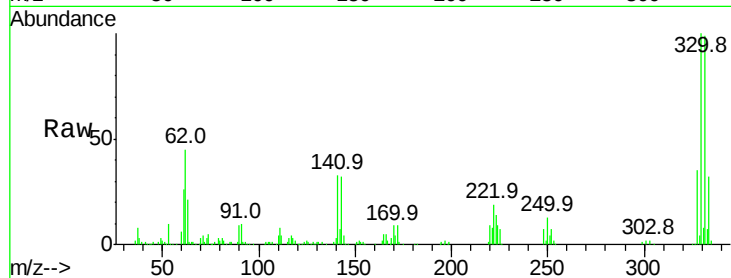




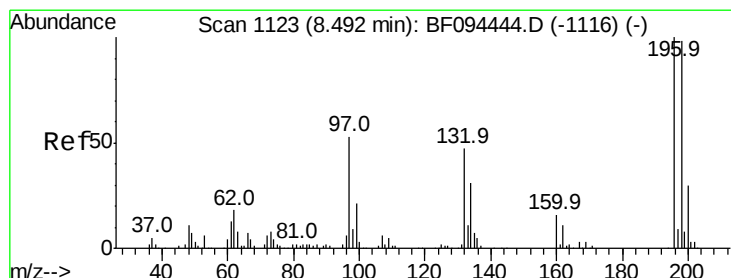
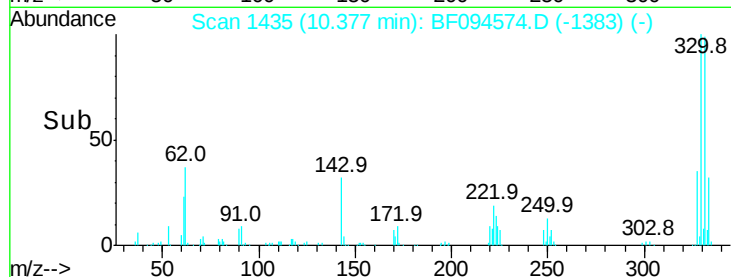
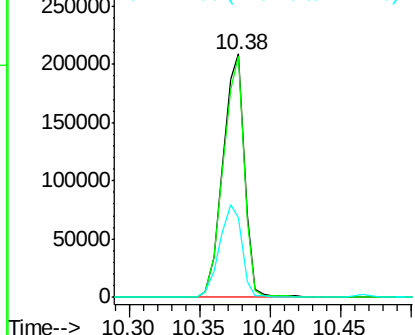
#41
 2,4,6-Tribromophenol
 Concen: 160.77 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 222041
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 39.7 31.4 47.2

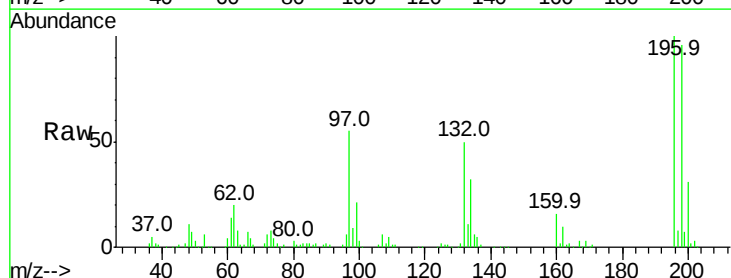


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

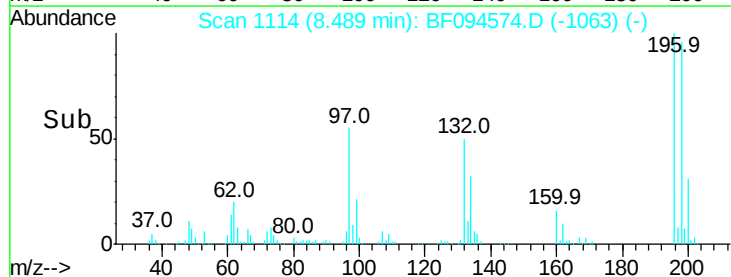
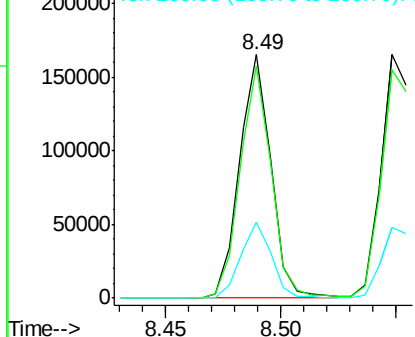


#42
 2,4,6-Trichlorophenol
 Concen: 44.54 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Tgt Ion:196 Resp: 157258
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.2 111.4
 200 31.1 24.0 36.0



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

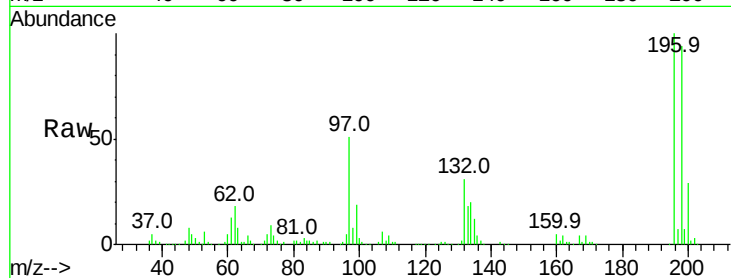




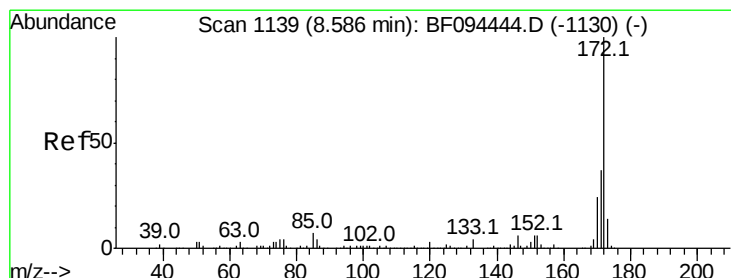
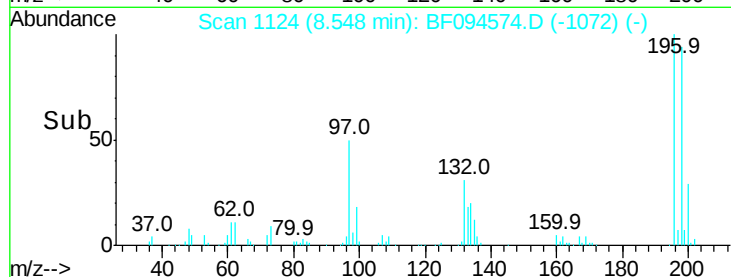
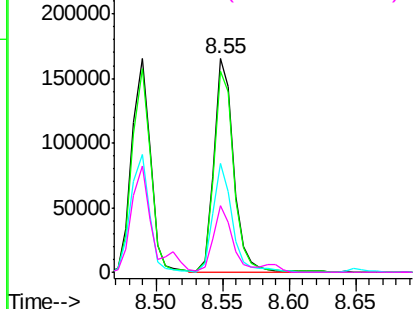
#43
 2,4,5-Trichlorophenol
 Concen: 48.08 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 174334
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.7 113.5
 97 50.8 47.7 71.5
 132 31.5 28.0 42.0

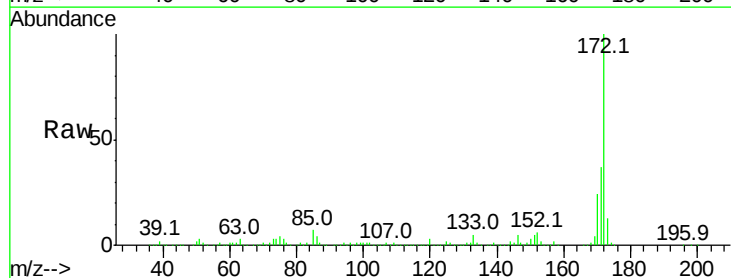


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

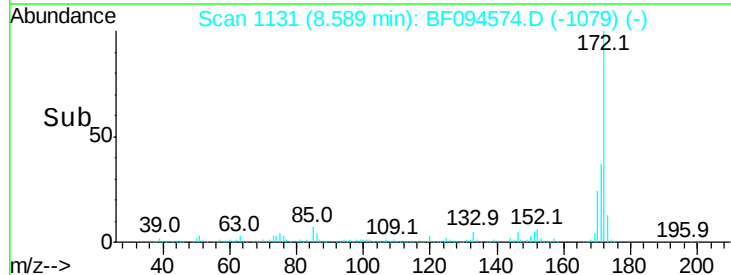
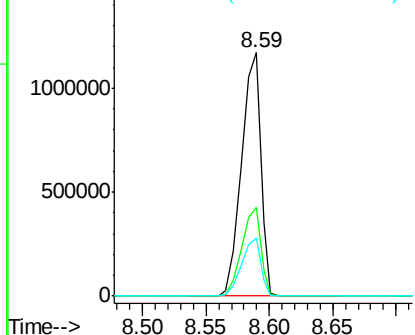


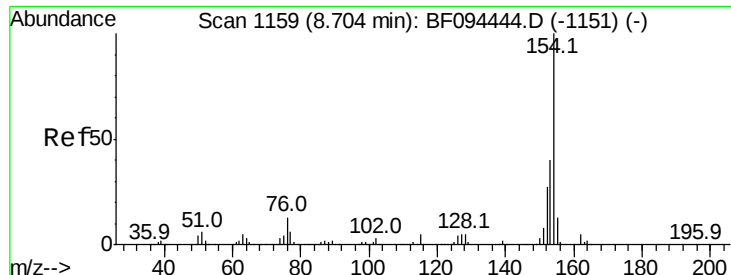
#44
 2-Fluorobiphenyl
 Concen: 101.85 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Tgt Ion:172 Resp: 1222351
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 23.8 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.86 ng

RT: 8.70 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampleId :

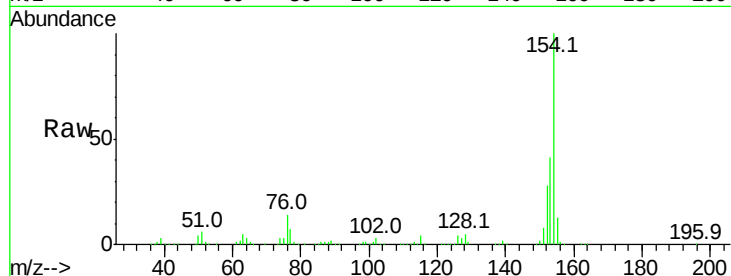
Tot Ion:154 Resp: 675972

Ion Ratio Lower Upper

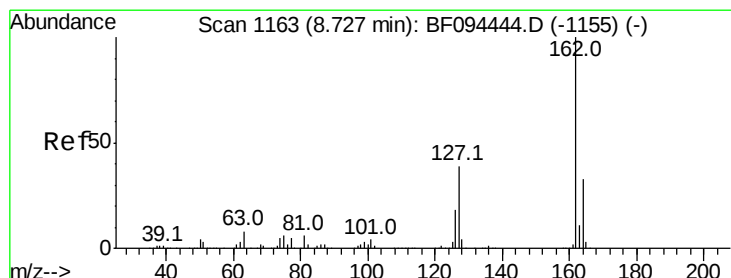
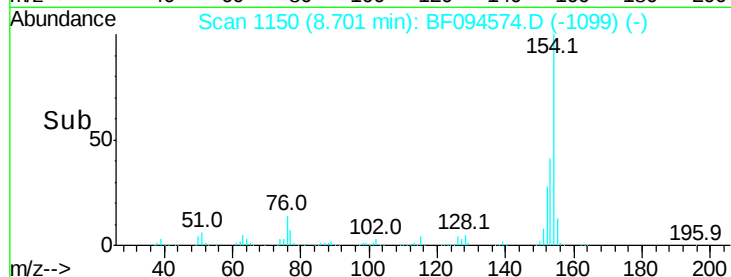
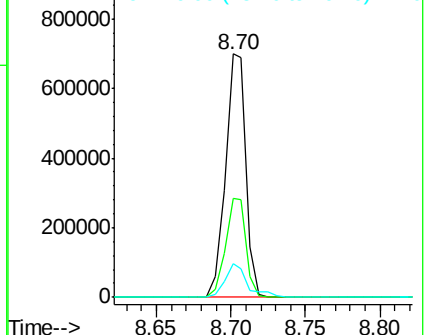
154 100

153 40.6 21.2 61.2

76 14.0 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 47.04 ng

RT: 8.72 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

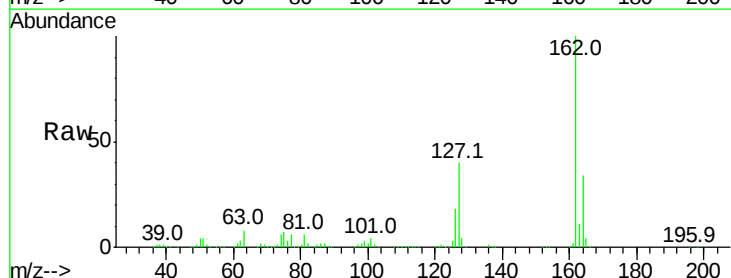
Tgt Ion:162 Resp: 539629

Ion Ratio Lower Upper

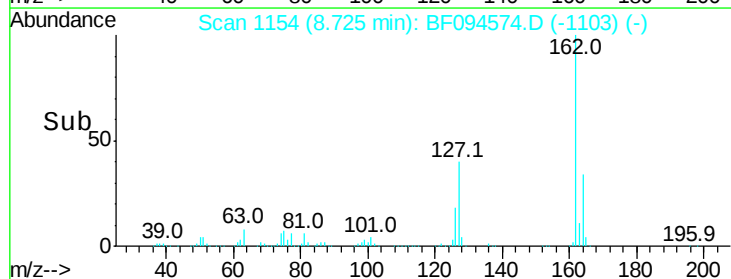
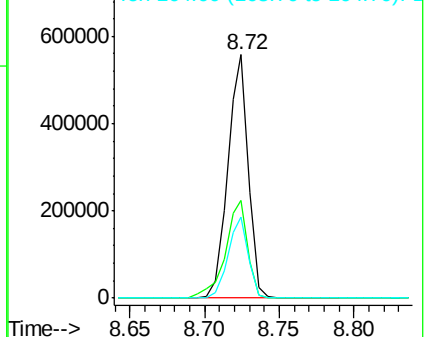
162 100

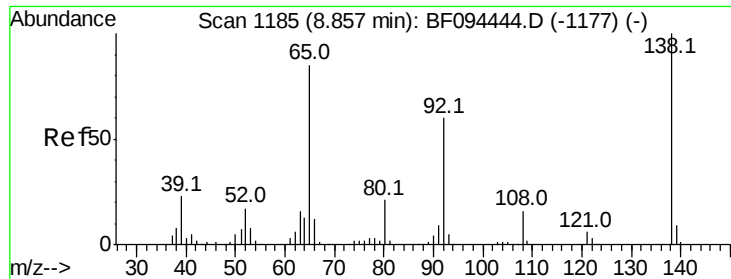
127 40.0 28.3 42.5

164 33.5 27.0 40.4



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

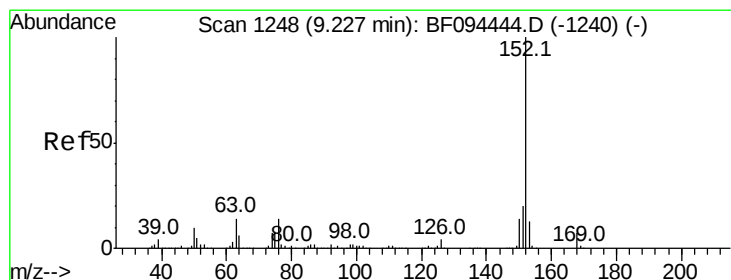
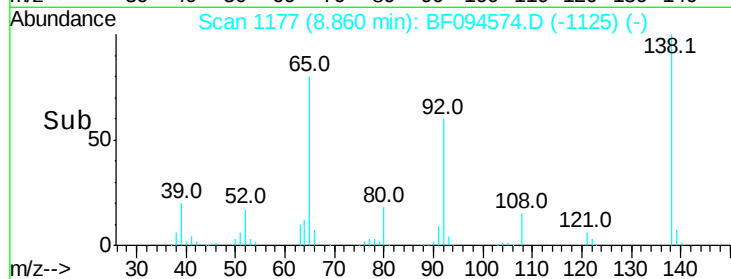
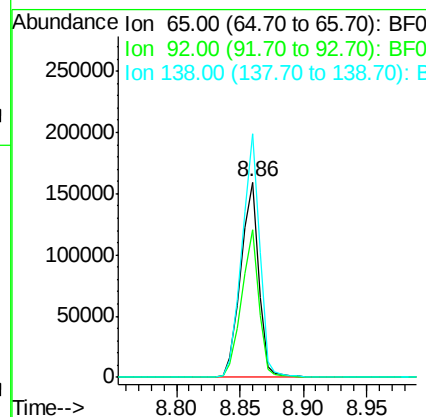
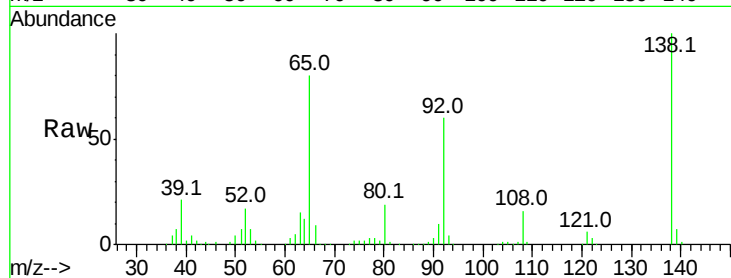




#47
 2-Nitroaniline
 Concen: 47.47 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

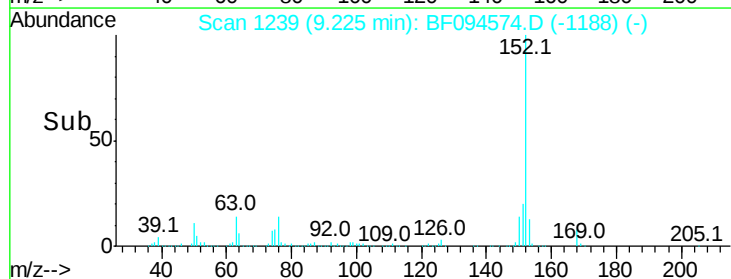
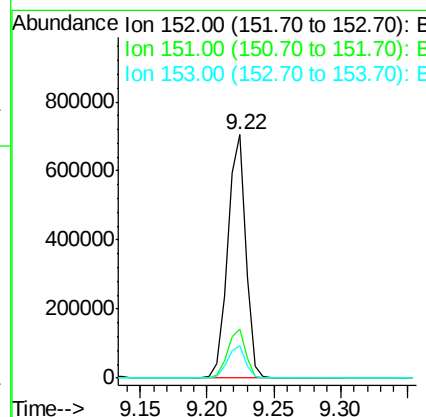
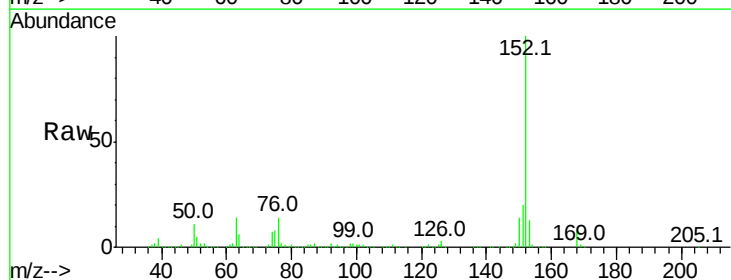
Instrument :
 BNA_F
 ClientSampled :

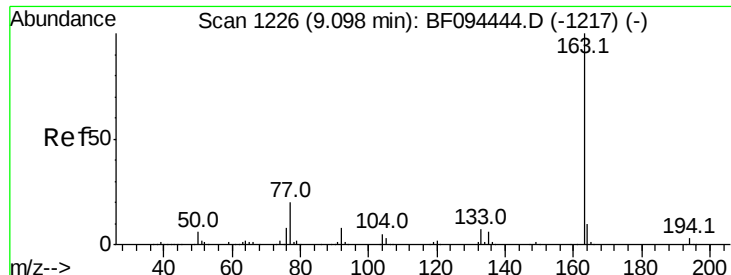
Tot Ion: 65 Resp: 156646
 Ion Ratio Lower Upper
 65 100
 92 75.4 53.9 80.9
 138 124.6 78.8 118.2#



#48
 Acenaphthylene
 Concen: 37.77 ng
 RT: 9.22 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Tgt Ion:152 Resp: 675385
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 13.2 10.8 16.2

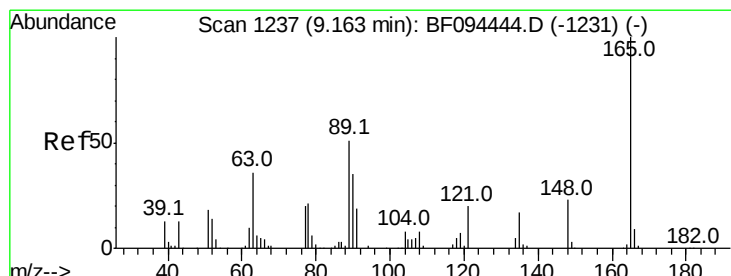
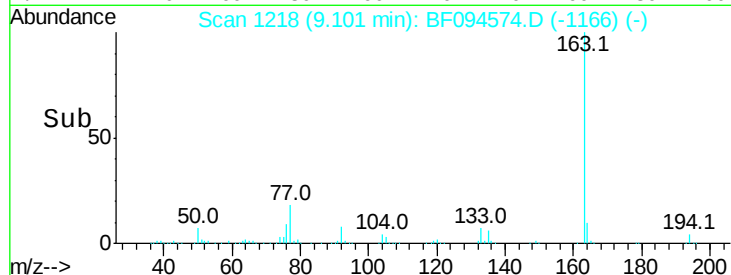
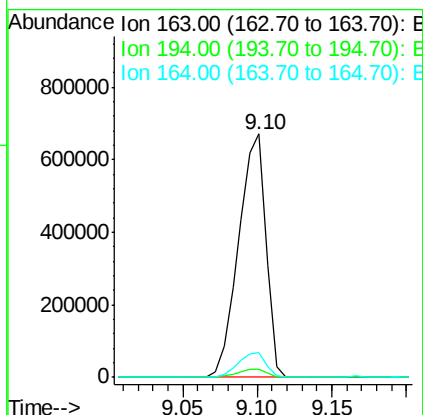
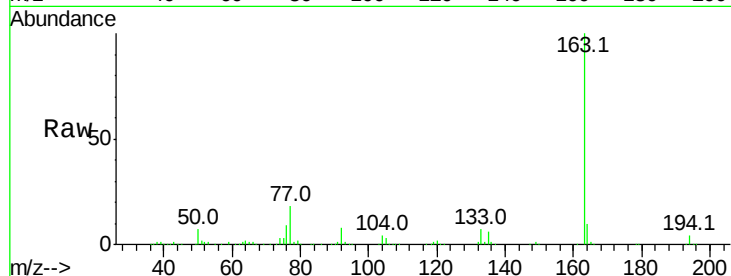




#49
Dimethylphthalate
Concen: 64.86 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

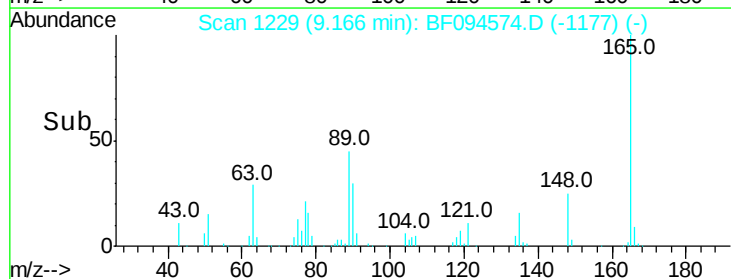
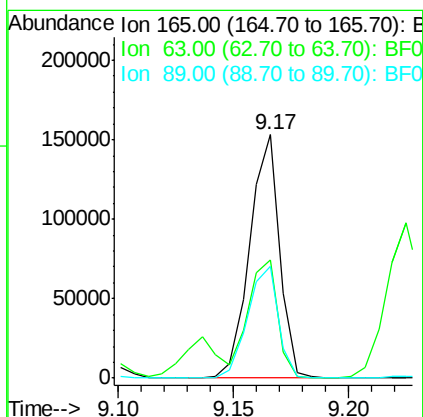
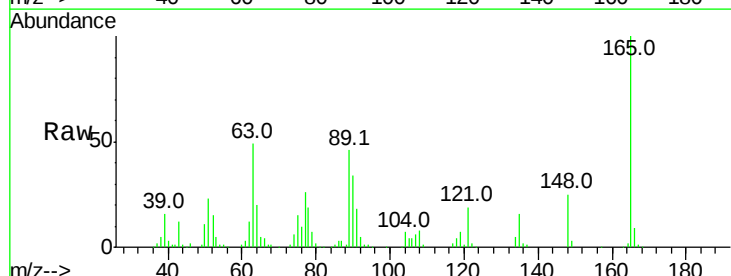
Instrument :
BNA_F
ClientSampleId :

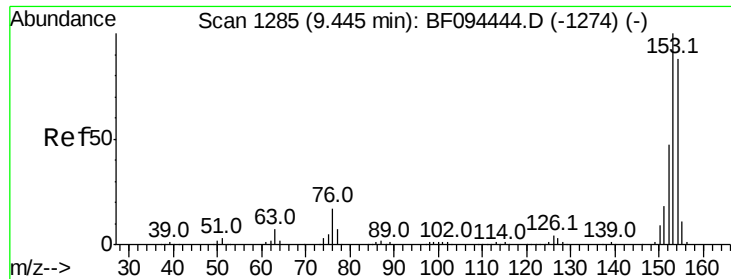
Tot Ion:163 Resp: 853439
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.3 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 46.86 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

Tgt Ion:165 Resp: 138399
Ion Ratio Lower Upper
165 100
63 48.5 34.3 51.5
89 45.7 37.1 55.7

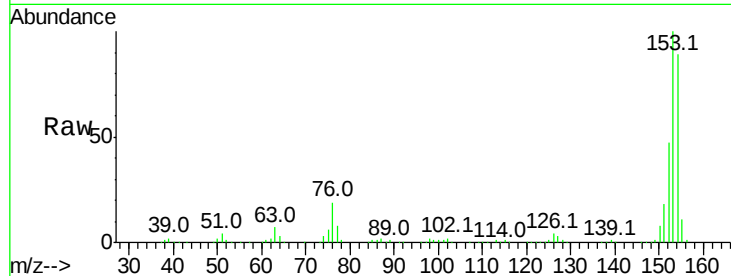




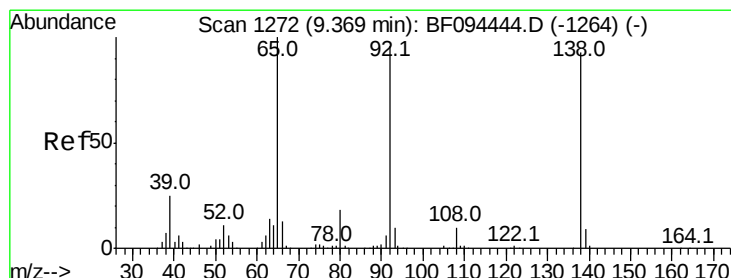
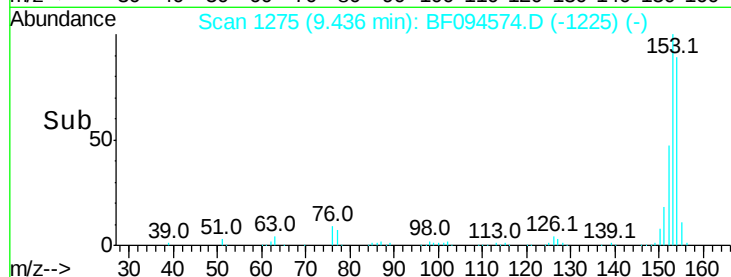
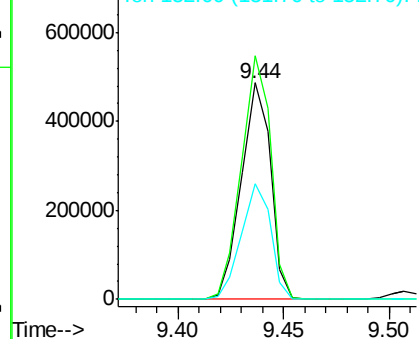
#51
Acenaphthene
Concen: 43.65 ng
RT: 9.44 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 467498
Ion Ratio Lower Upper
154 100
153 112.5 90.5 135.7
152 53.1 43.6 65.4

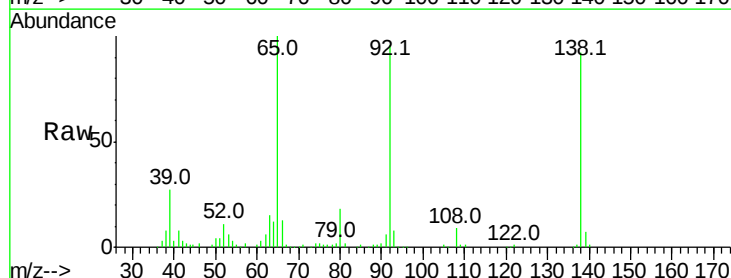


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

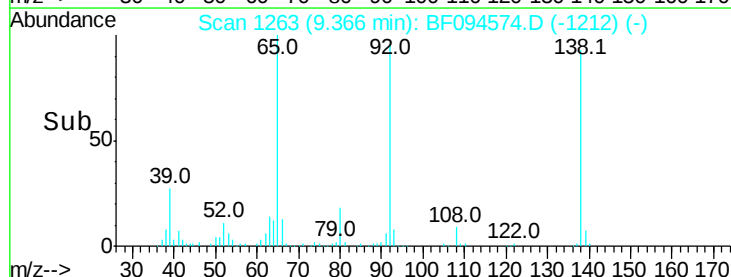
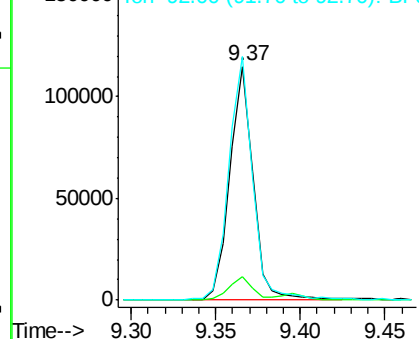


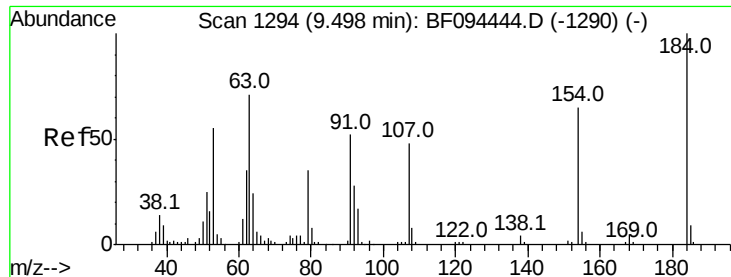
#52
3-Nitroaniline
Concen: 32.43 ng
RT: 9.37 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

Tgt Ion:138 Resp: 110822
Ion Ratio Lower Upper
138 100
108 9.9 9.1 13.7
92 104.3 93.8 140.6



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

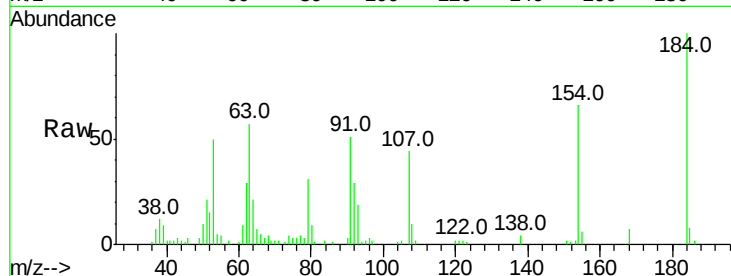




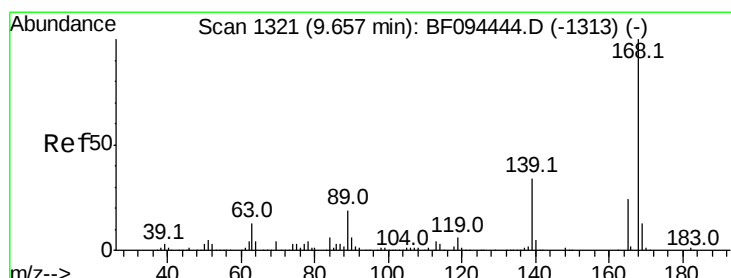
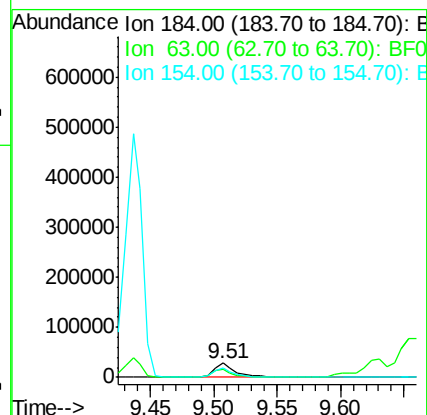
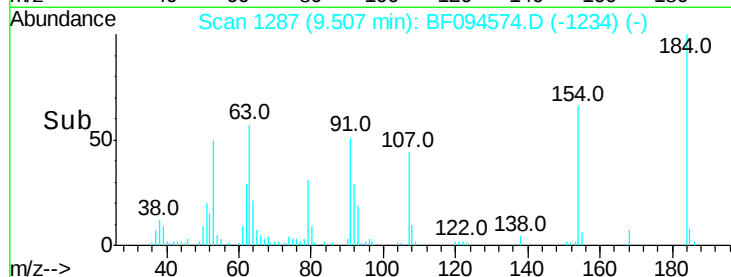
#53
 2,4-Dinitrophenol
 Concen: 26.73 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 36222
 Ion Ratio Lower Upper
 184 100
 63 57.1 62.7 94.1#
 154 65.8 81.1 121.7#

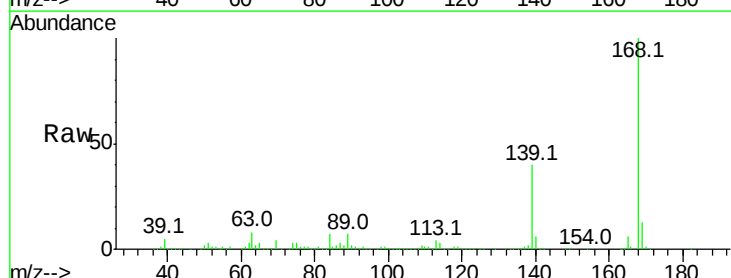


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

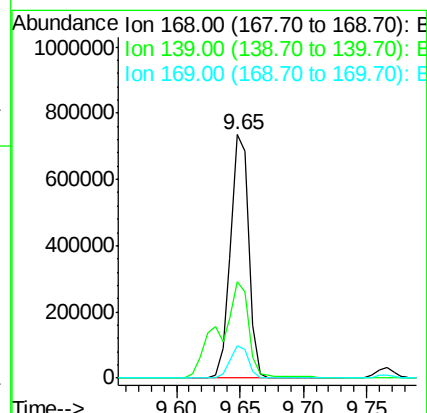
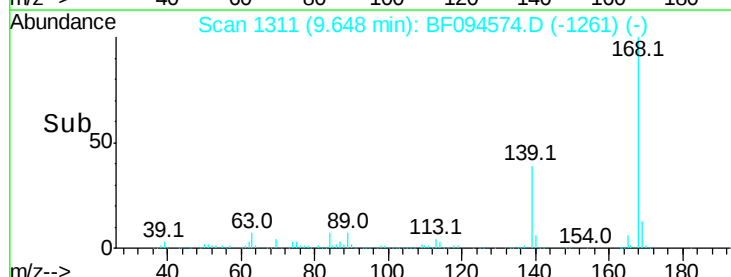


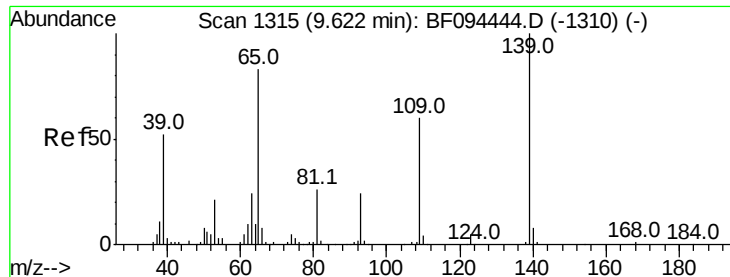
#54
 Dibenzofuran
 Concen: 46.64 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Tgt Ion:168 Resp: 725993
 Ion Ratio Lower Upper
 168 100
 139 39.6 30.6 45.8
 169 13.1 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 196.03 ng

RT: 9.65 min Scan# 1311

Delta R.T. 0.03 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampleId :

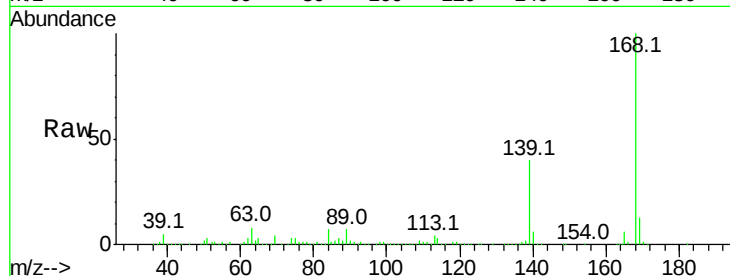
Tot Ion:139 Resp: 473254

Ion Ratio Lower Upper

139 100

109 5.1 34.1 74.1#

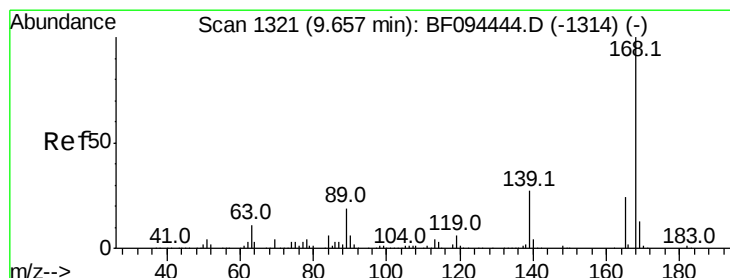
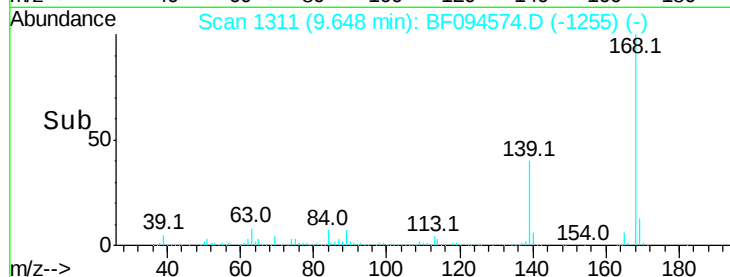
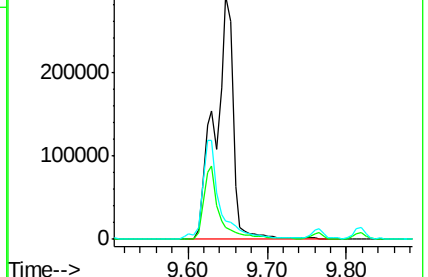
65 7.4 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 48.64 ng

RT: 9.66 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Tgt Ion:165 Resp: 176285

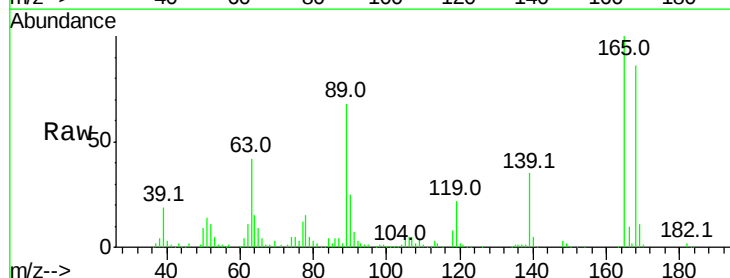
Ion Ratio Lower Upper

165 100

63 42.0 25.4 38.0#

89 68.0 46.4 69.6

182 2.4 1.8 2.6

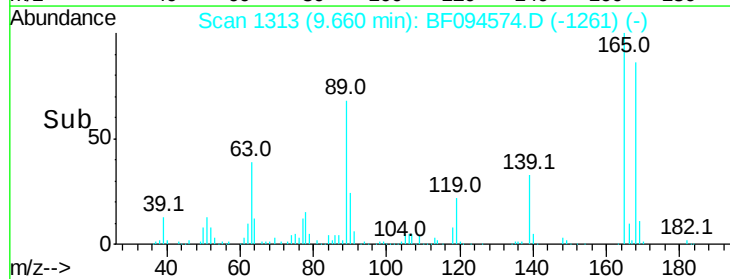
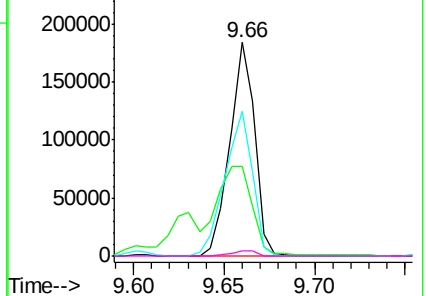


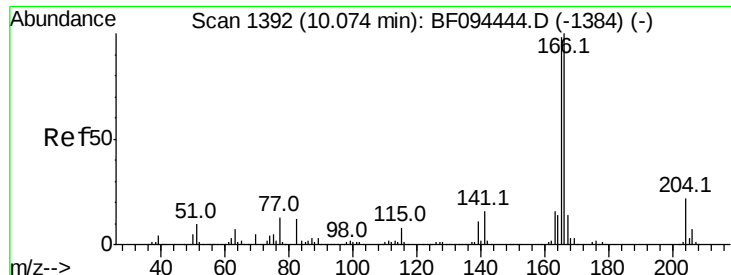
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E

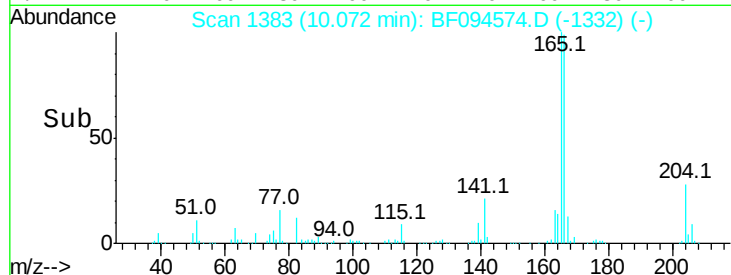
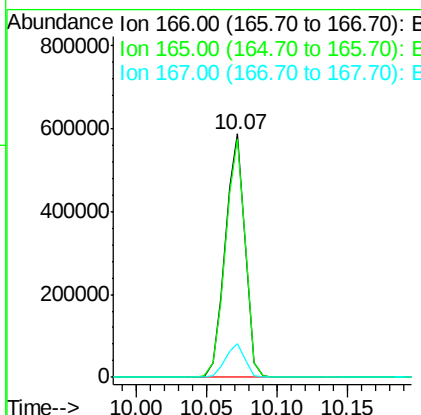
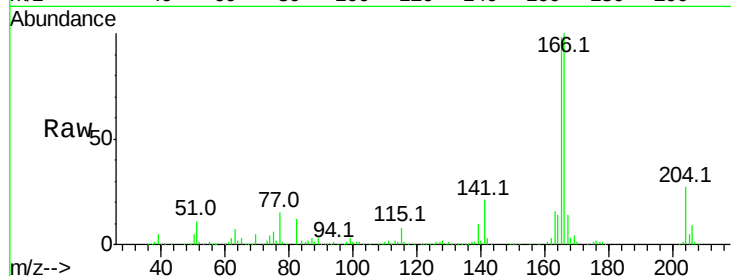




#57
 Fluorene
 Concen: 46.68 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

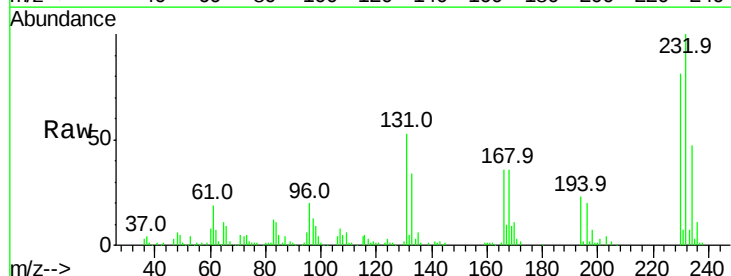
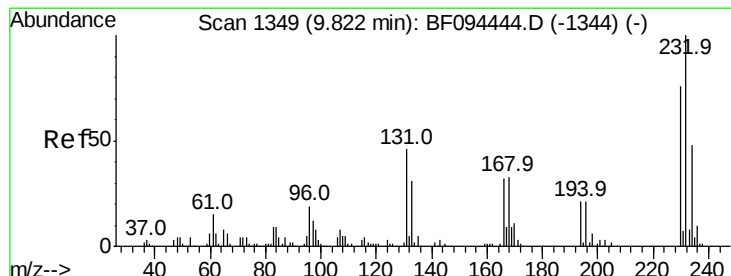
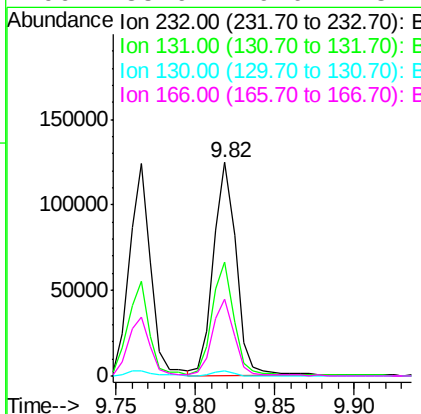
Instrument :
 BNA_F
 ClientSampleId :

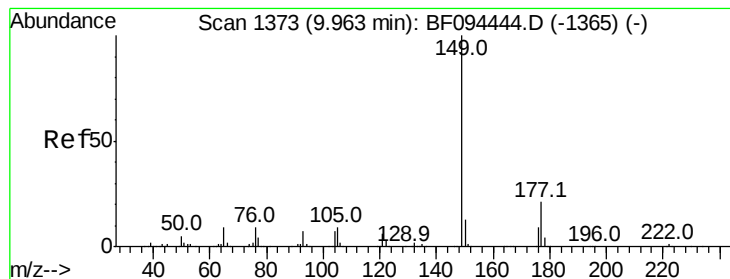
Tot Ion:166 Resp: 565934
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.8 118.2
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.19 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Tgt Ion:232 Resp: 125243
 Ion Ratio Lower Upper
 232 100
 131 51.4 44.8 67.2
 130 2.4 2.3 3.5
 166 33.6 29.0 43.4





#59

Diethylphthalate

Concen: 49.89 ng

RT: 9.96 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampleId :

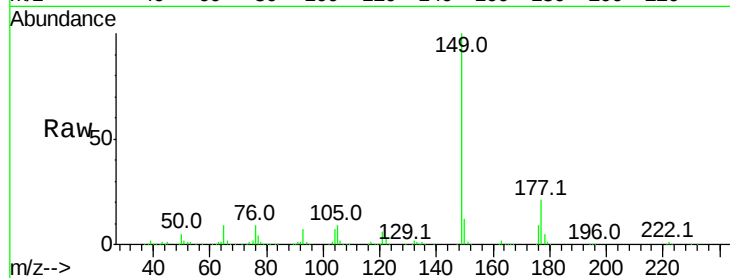
Tot Ion:149 Resp: 619483

Ion Ratio Lower Upper

149 100

177 21.2 16.7 25.1

150 11.9 10.2 15.2



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

9.96

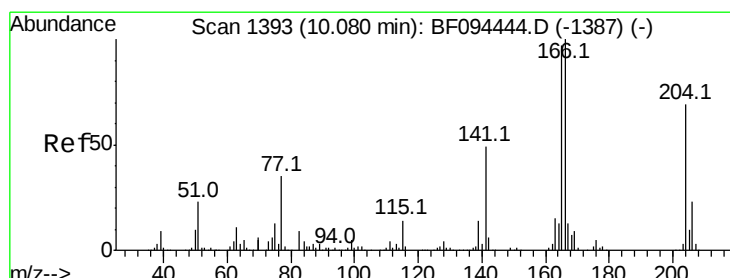
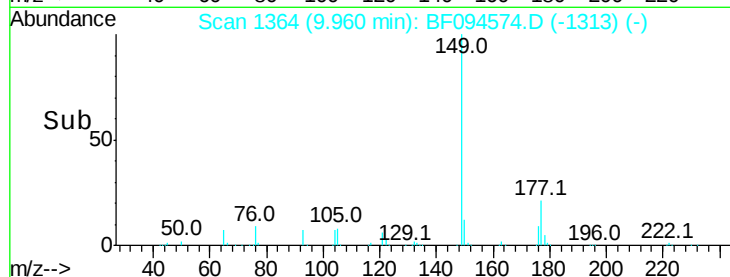
600000

400000

200000

0

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 49.41 ng

RT: 10.08 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

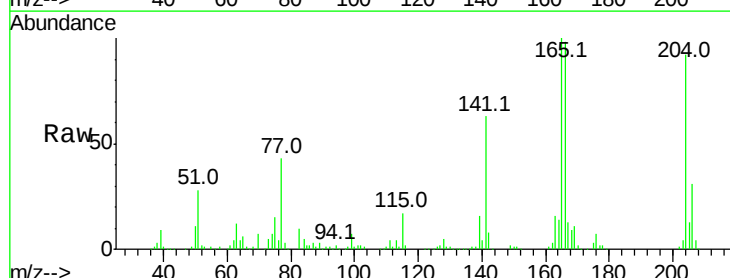
Tgt Ion:204 Resp: 249257

Ion Ratio Lower Upper

204 100

206 33.8 26.2 39.2

141 68.8 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

10.08

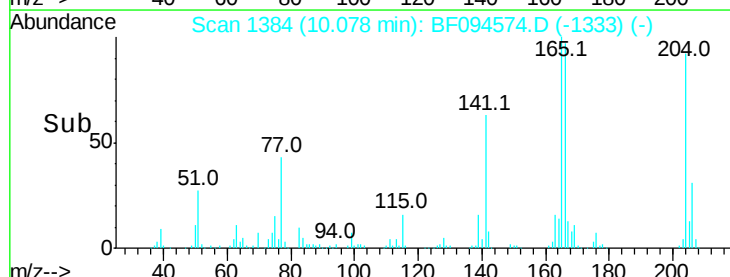
300000

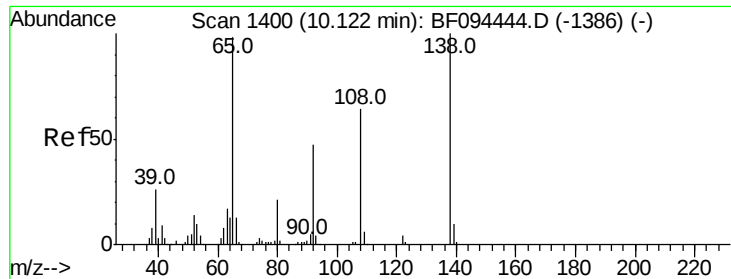
200000

100000

0

Time-->

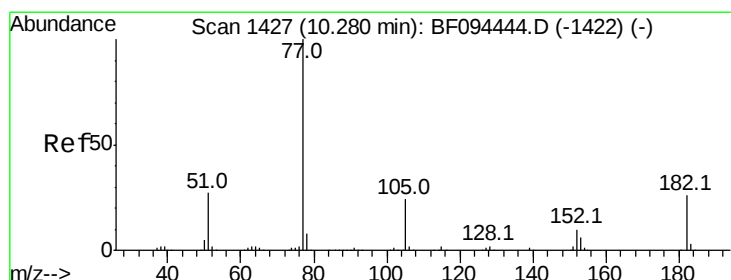
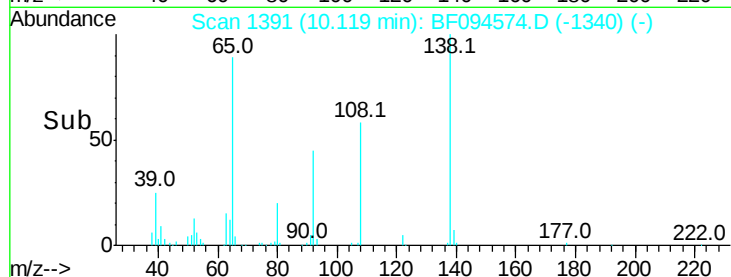
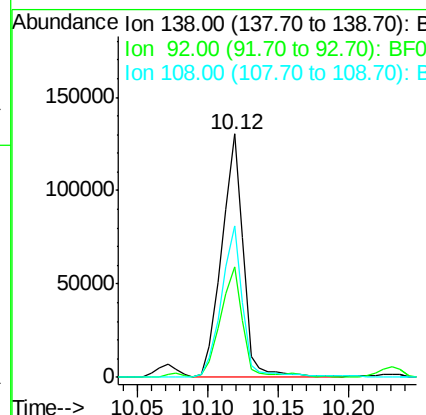
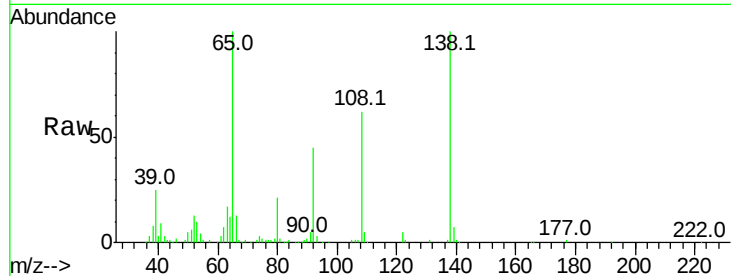




#61
4-Nitroaniline
Concen: 40.39 ng
RT: 10.12 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

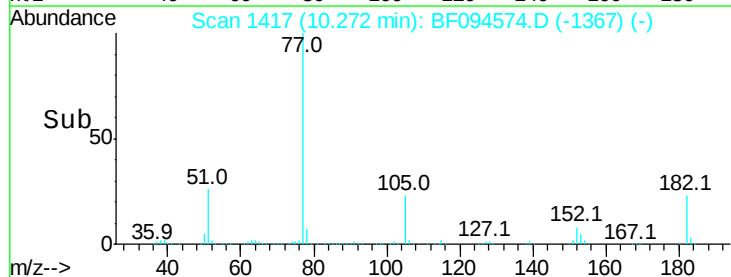
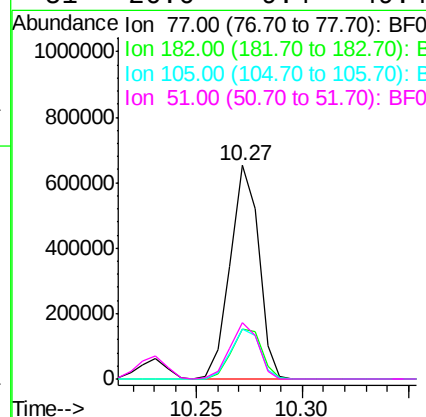
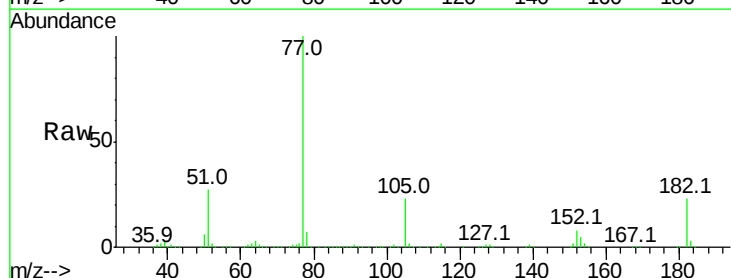
Instrument :
BNA_F
ClientSampleId :

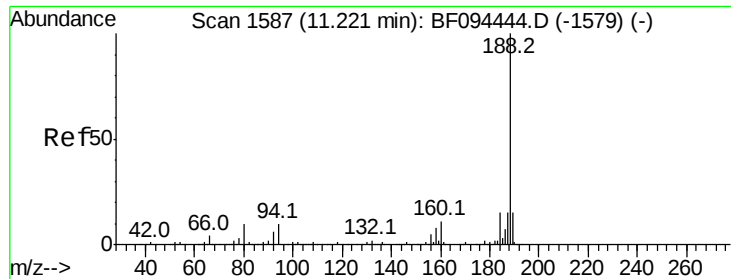
Tot Ion:138 Resp: 140299
Ion Ratio Lower Upper
138 100
92 45.5 21.8 61.8
108 62.4 42.3 82.3



#62
Azobenzene
Concen: 50.48 ng
RT: 10.27 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

Tgt Ion: 77 Resp: 608505
Ion Ratio Lower Upper
77 100
182 23.2 0.1 40.1
105 23.4 3.6 43.6
51 26.6 9.4 49.4

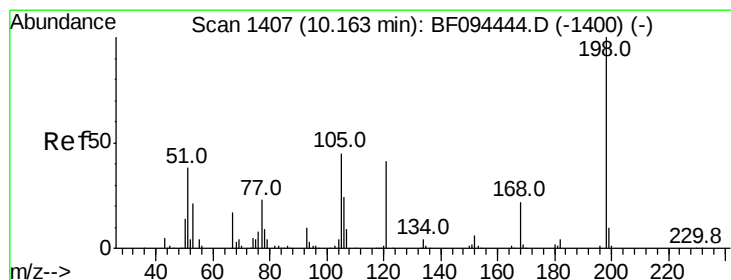
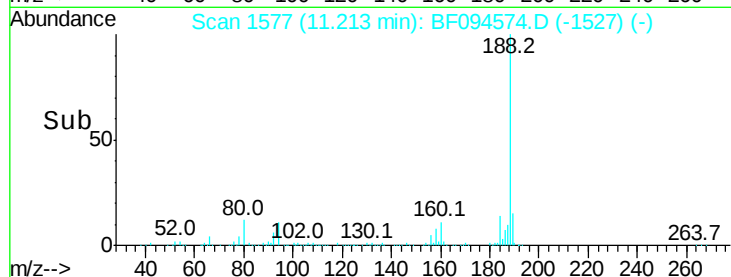
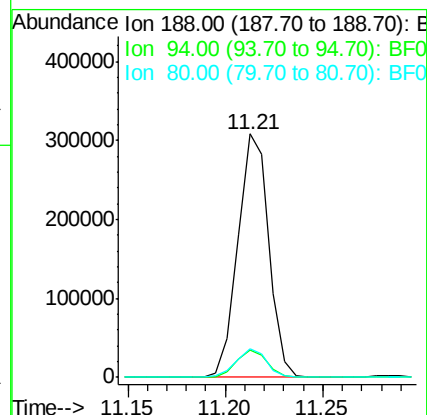
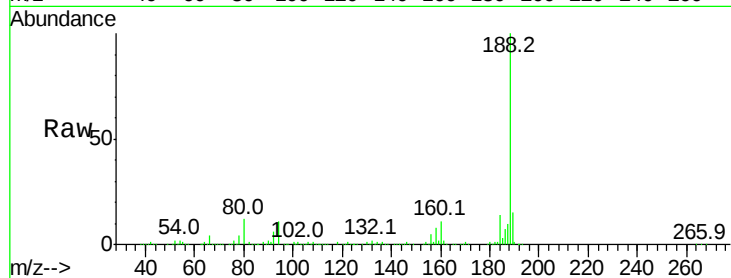




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

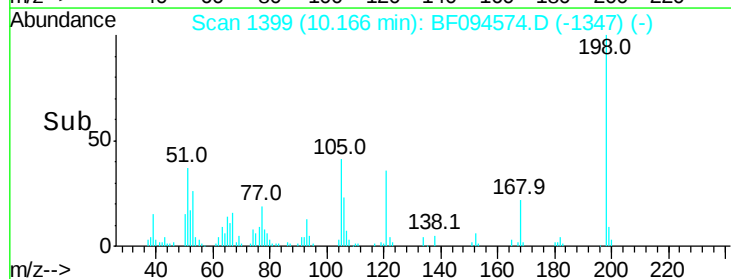
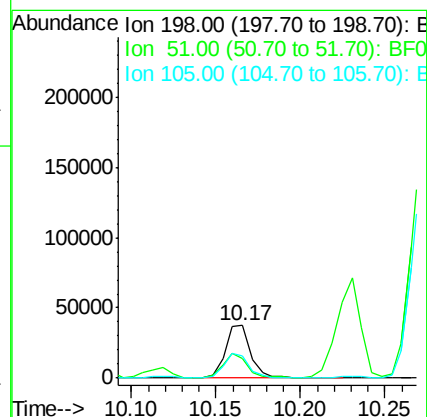
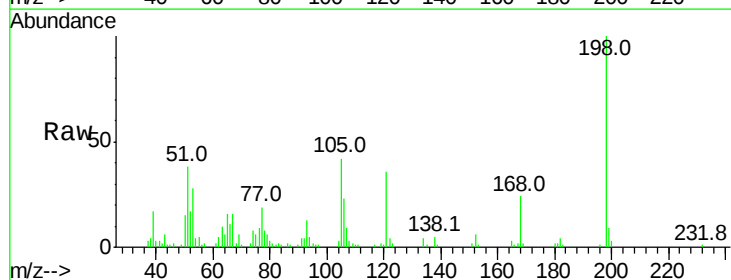
Instrument :
BNA_F
ClientSampleId :

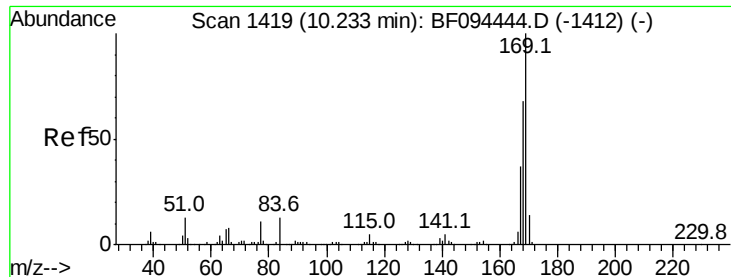
Tot Ion:188 Resp: 337712
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 17.93 ng
RT: 10.17 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

Tgt Ion:198 Resp: 39675
Ion Ratio Lower Upper
198 100
51 38.2 53.2 93.2#
105 41.8 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 46.91 ng

RT: 10.23 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampleId :

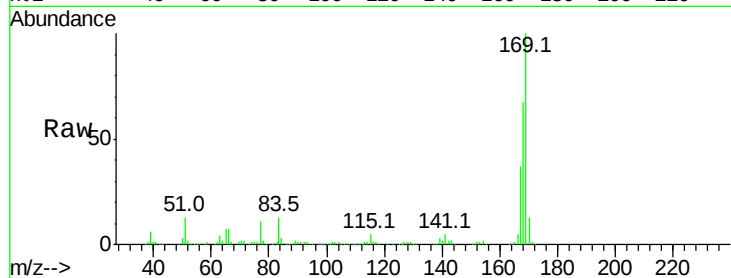
Tot Ion:169 Resp: 550941

Ion Ratio Lower Upper

169 100

168 67.2 53.2 79.8

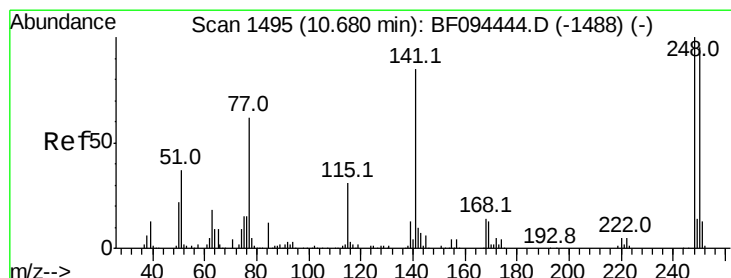
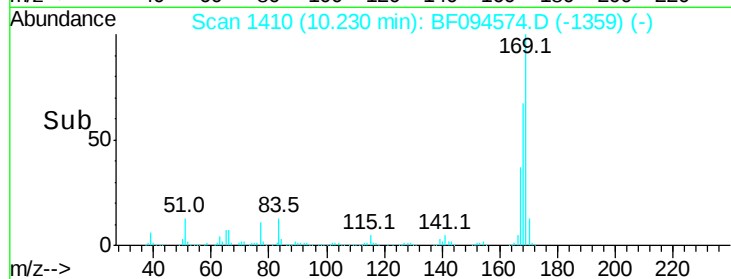
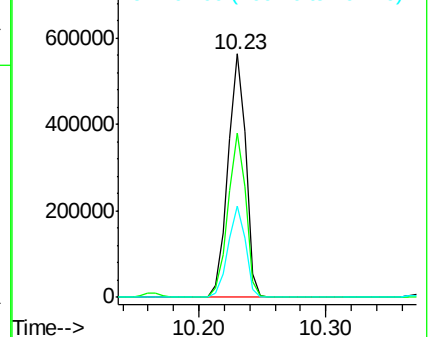
167 37.4 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.20 ng

RT: 10.68 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

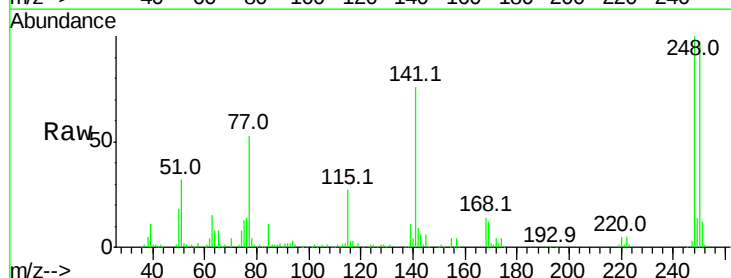
Tgt Ion:248 Resp: 154939

Ion Ratio Lower Upper

248 100

250 96.5 76.8 115.2

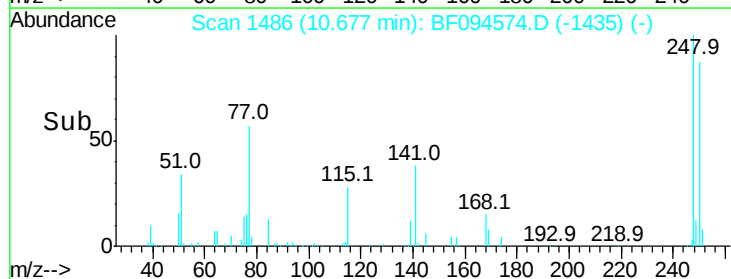
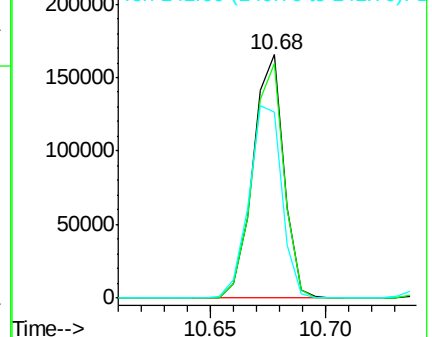
141 76.3 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

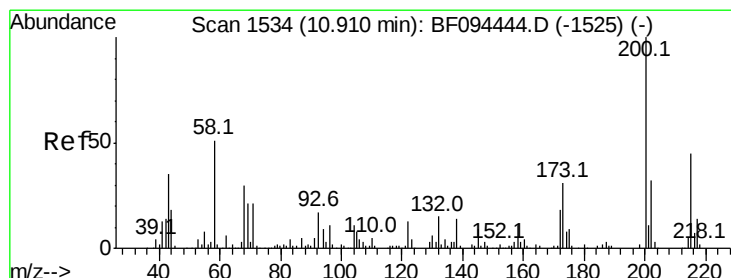
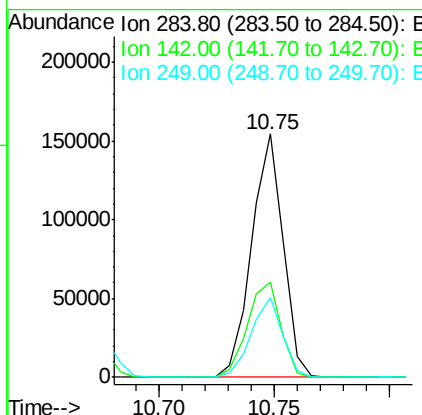
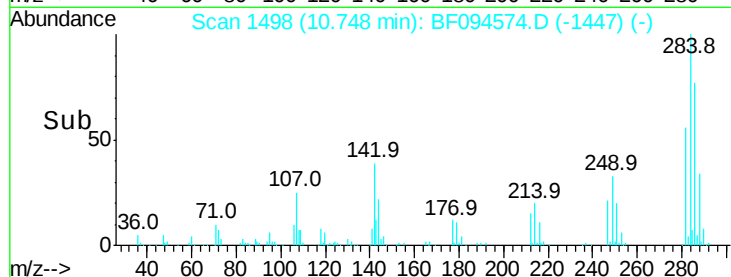
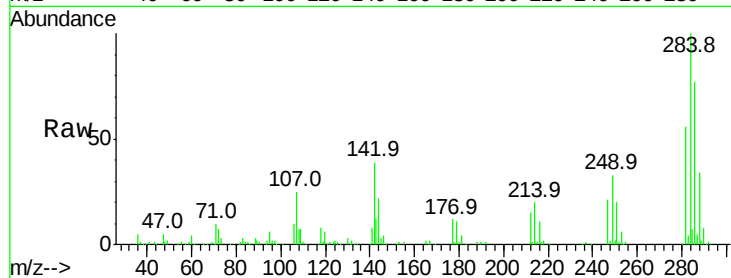




#67
Hexachlorobenzene
Concen: 43.51 ng
RT: 10.75 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

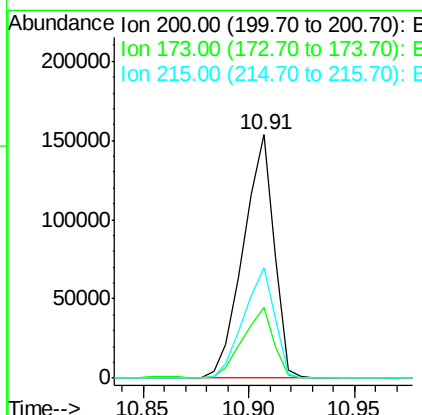
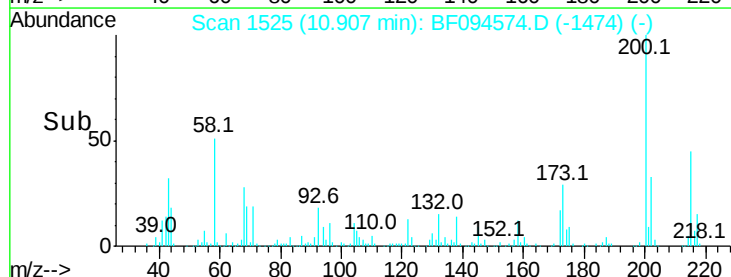
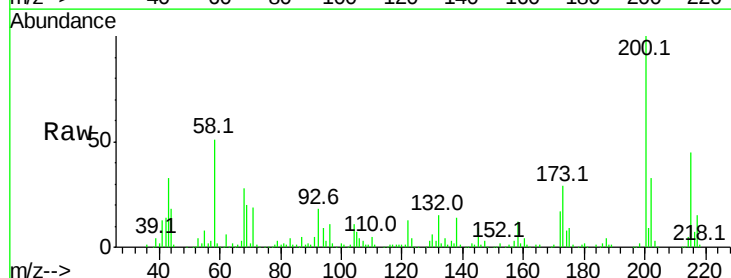
Instrument :
BNA_F
ClientSampleId :

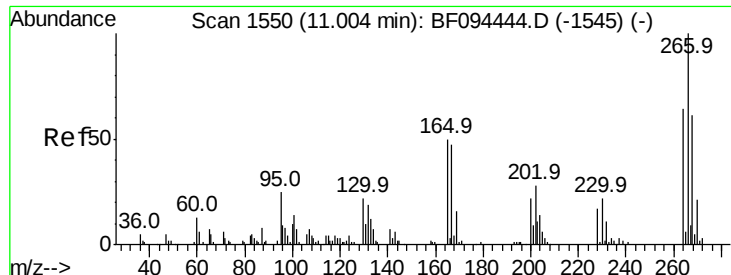
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.3	22.8	34.2
249	32.6	24.0	36.0



#68
Atrazine
Concen: 44.32 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.0	6.3	46.3
215	45.5	27.2	67.2

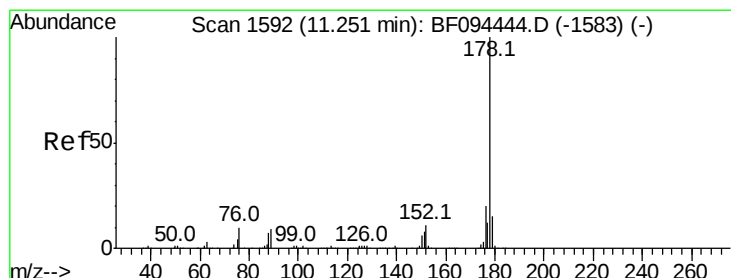
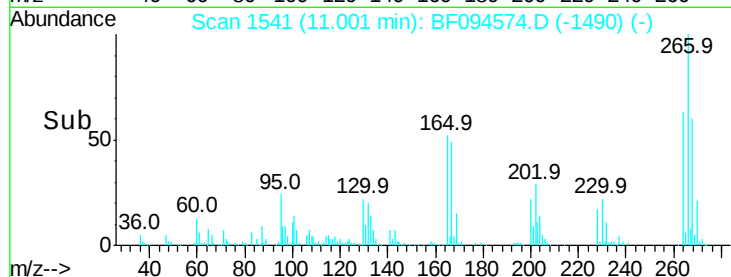
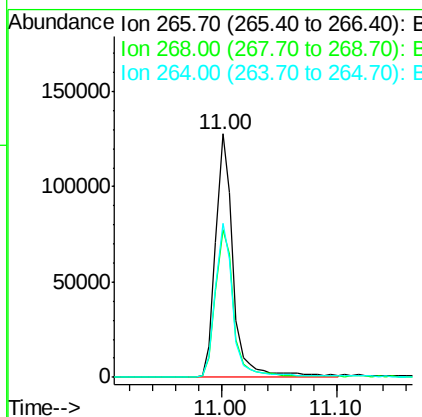
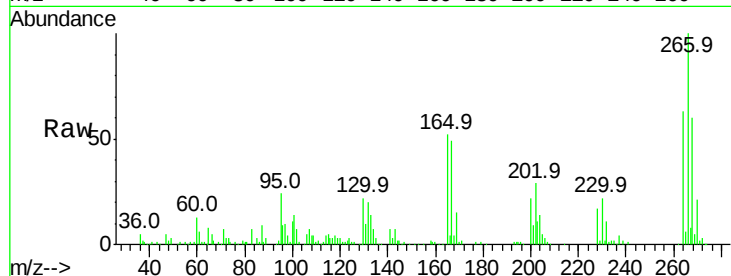




#69
 Pentachlorophenol
 Concen: 101.69 ng
 RT: 11.00 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

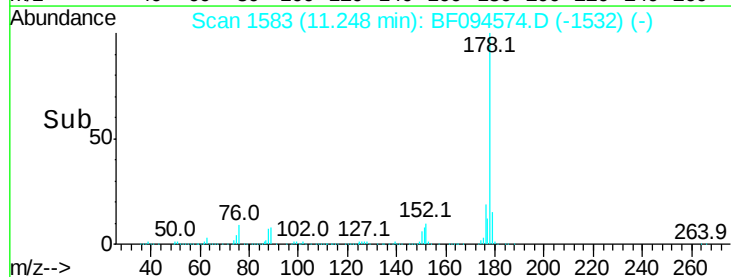
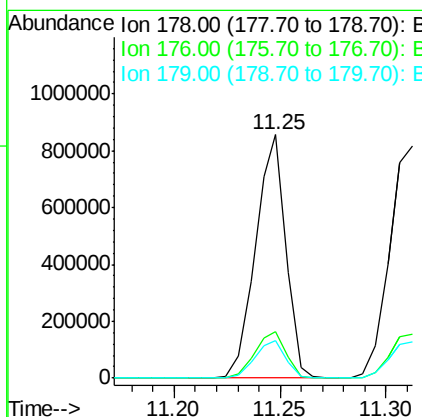
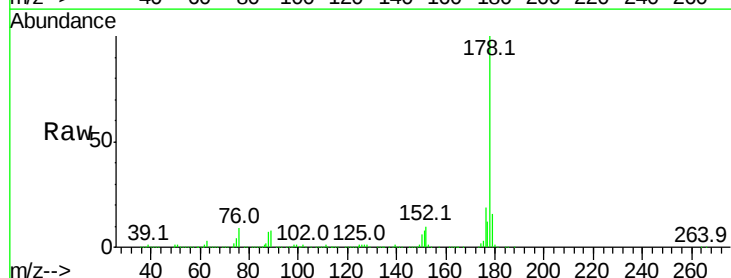
Instrument :
 BNA_F
 ClientSampleId :

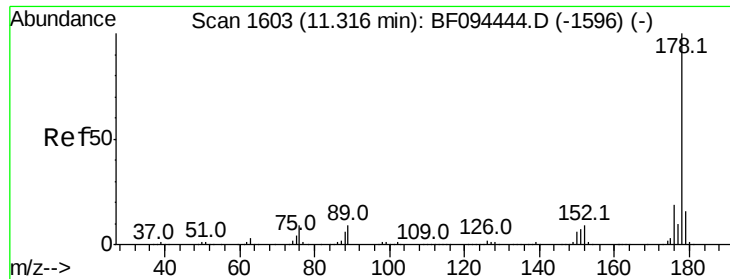
Tot Ion:266 Resp: 136461
 Ion Ratio Lower Upper
 266 100
 268 60.5 51.1 76.7
 264 63.3 51.7 77.5



#70
 Phenanthrene
 Concen: 44.67 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Tgt Ion:178 Resp: 849457
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.5 12.6 19.0





#71

Anthracene

Concen: 43.15 ng

RT: 11.31 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampleId :

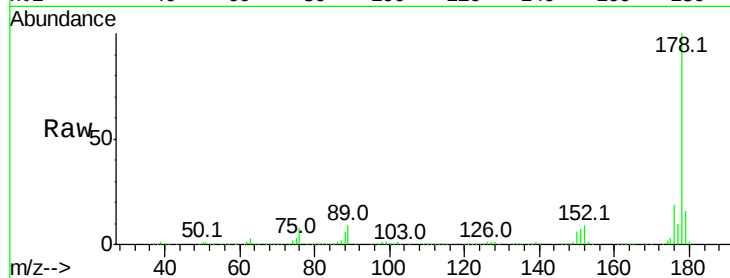
Tot Ion:178 Resp: 848792

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

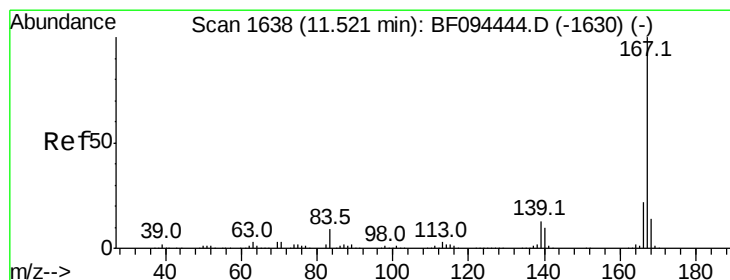
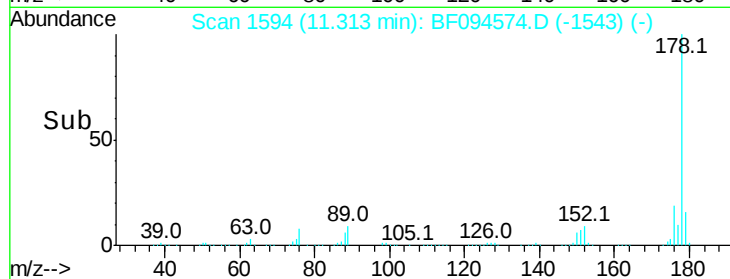
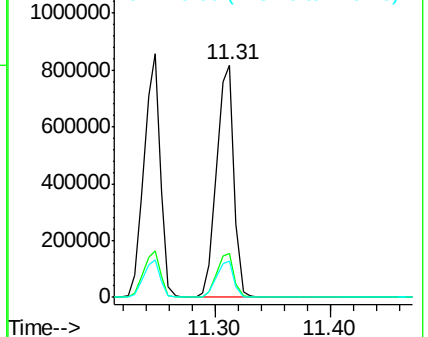
179 15.7 12.7 19.1



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



#72

Carbazole

Concen: 42.61 ng

RT: 11.52 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

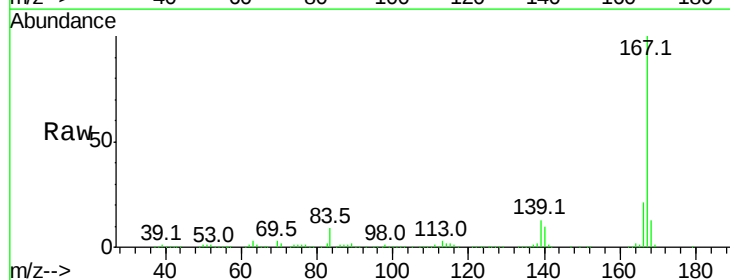
Tgt Ion:167 Resp: 786646

Ion Ratio Lower Upper

167 100

166 21.4 18.1 27.1

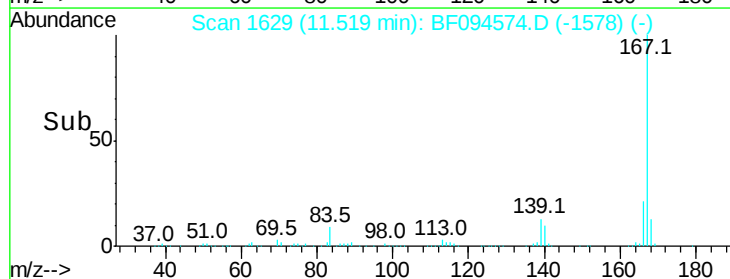
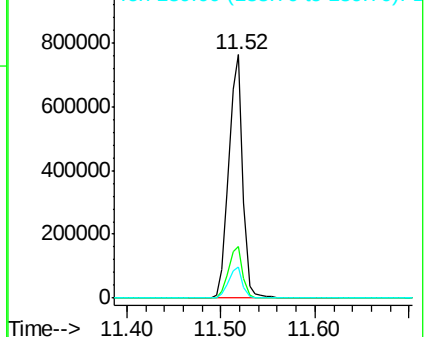
139 12.8 11.7 17.5

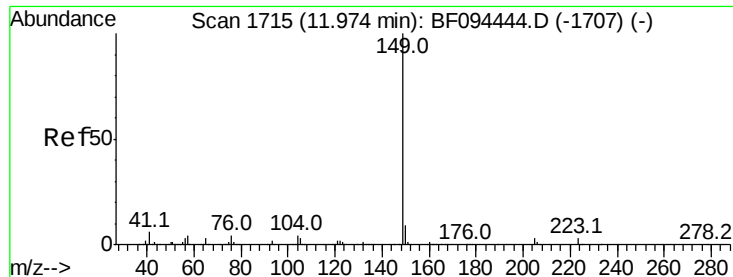


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.33 ng

RT: 11.97 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampleId :

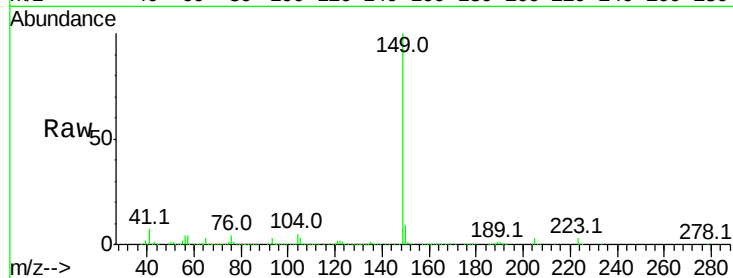
Tot Ion:149 Resp: 1023246

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

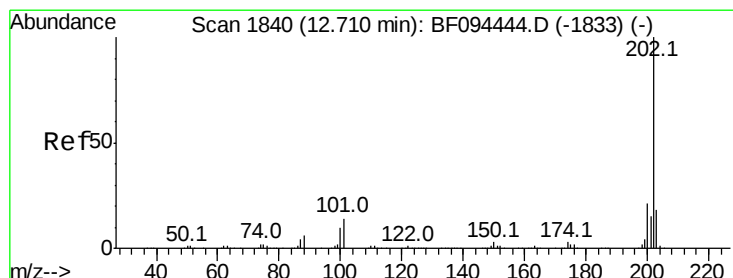
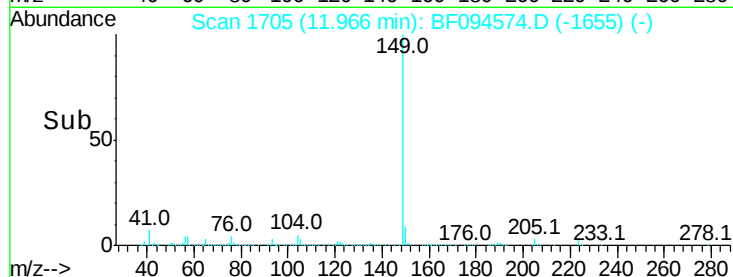
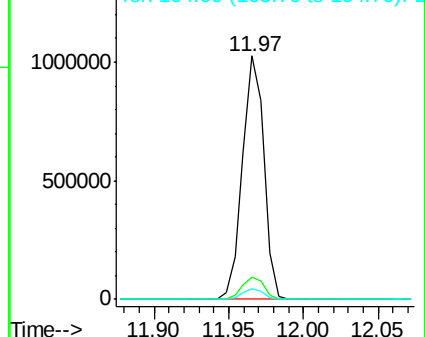
104 4.5 4.0 6.0



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: 44.85 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

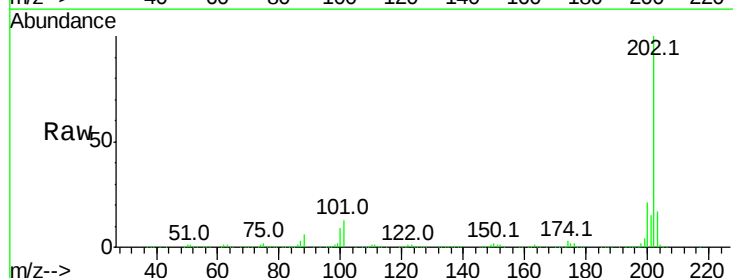
Tgt Ion:202 Resp: 884083

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

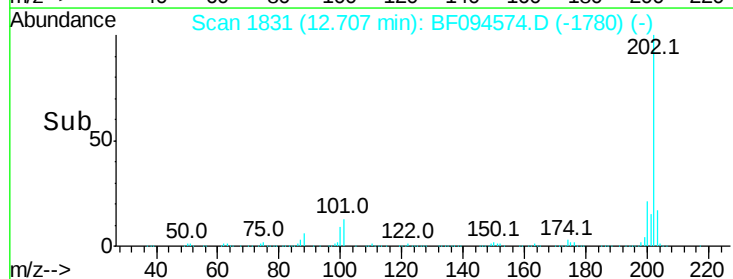
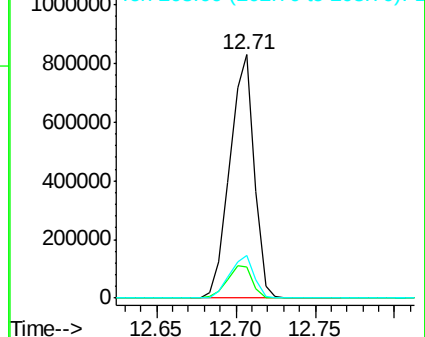
203 17.4 0.0 38.1

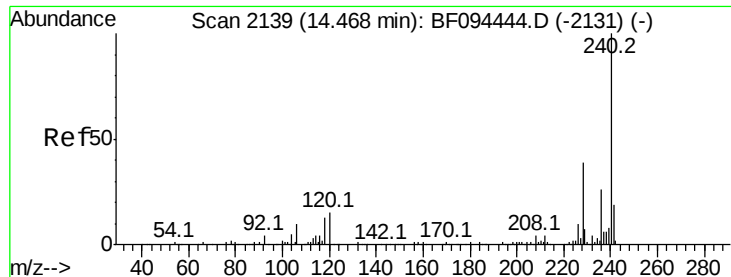


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampleId :

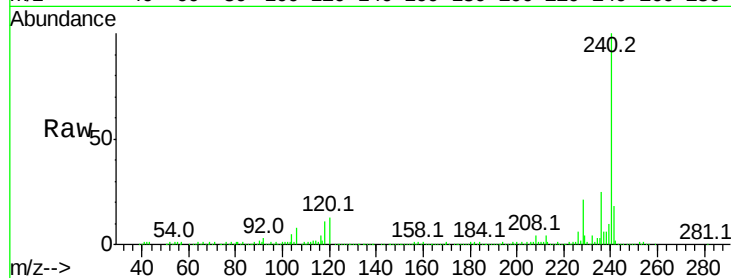
Tot Ion:240 Resp: 285467

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

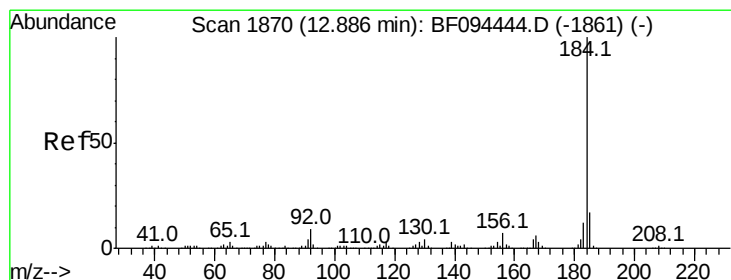
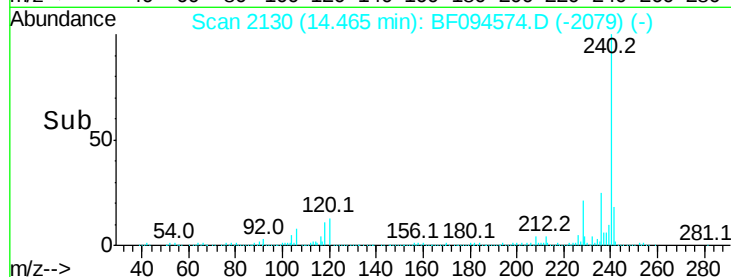
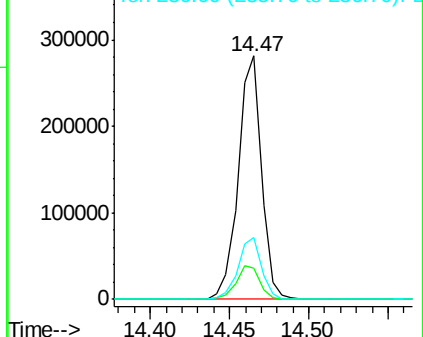
236 25.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.06 ng

RT: 12.88 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

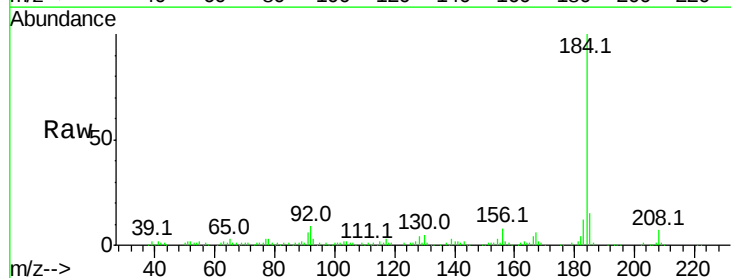
Tgt Ion:184 Resp: 220291

Ion Ratio Lower Upper

184 100

185 14.9 15.5 23.3#

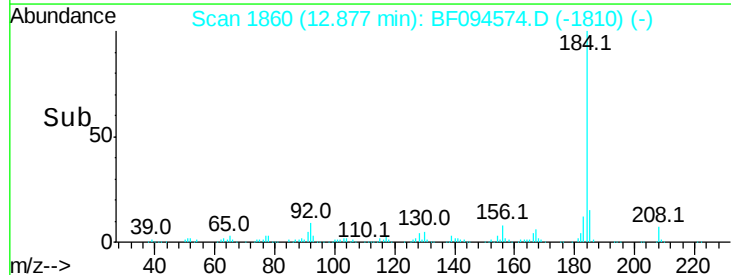
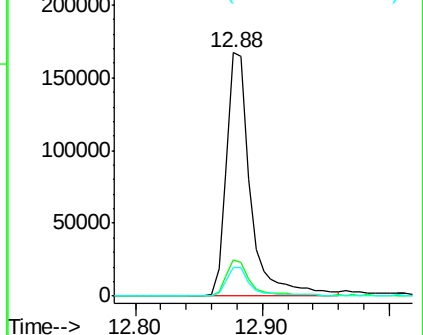
183 12.0 9.8 14.6

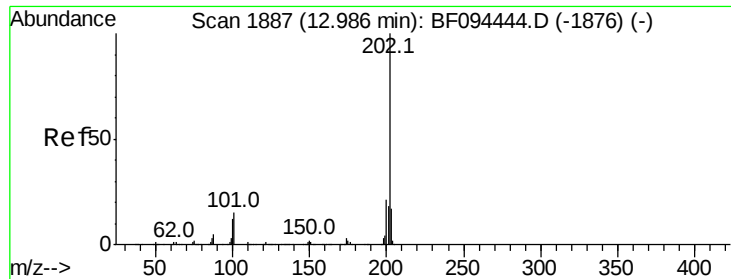


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.94 ng

RT: 12.98 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampleId :

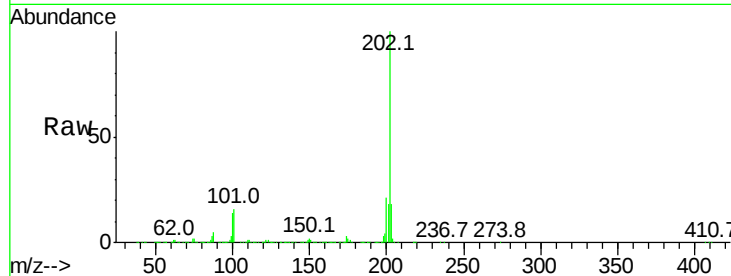
Tot Ion:202 Resp: 876343

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

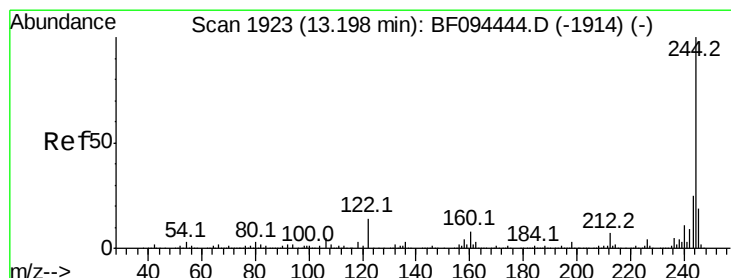
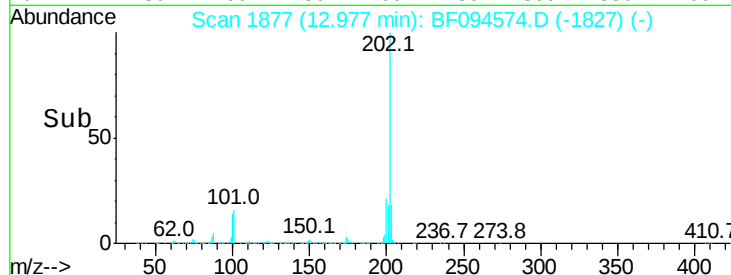
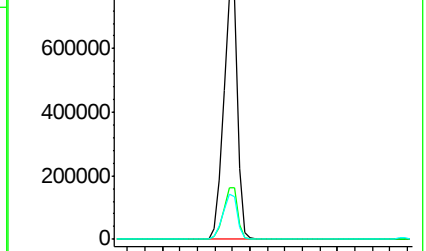
203 18.4 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.94 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

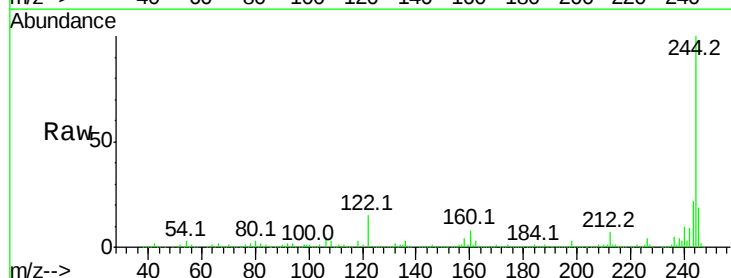
Tgt Ion:244 Resp: 981943

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

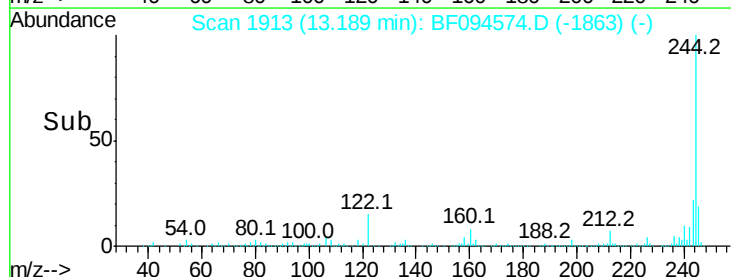
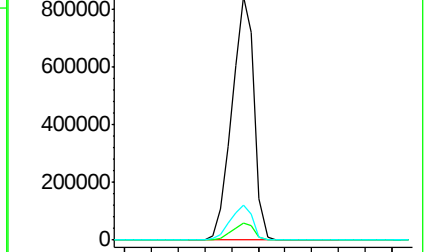
122 14.6 10.3 15.5

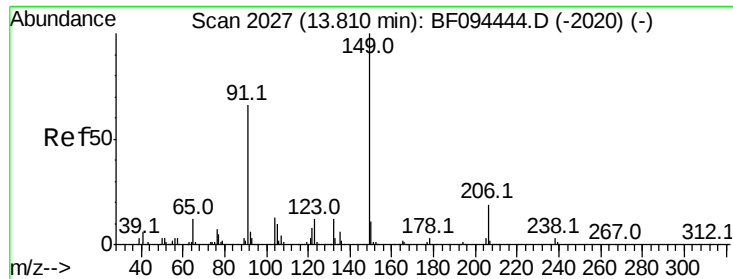


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

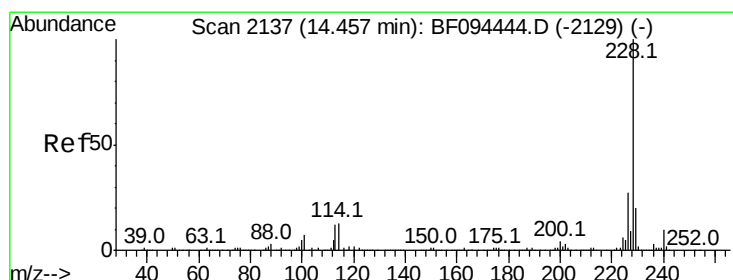
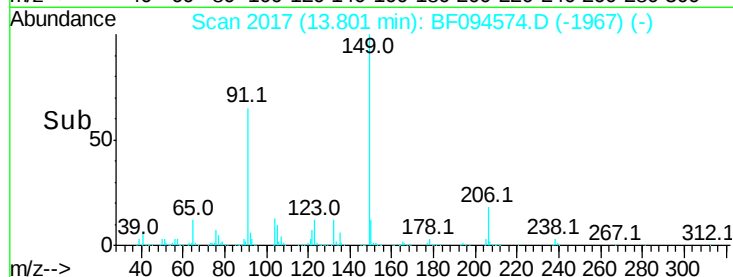
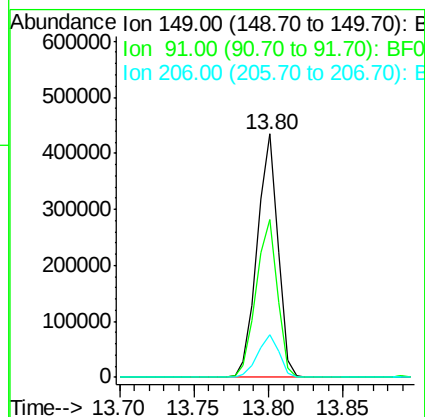
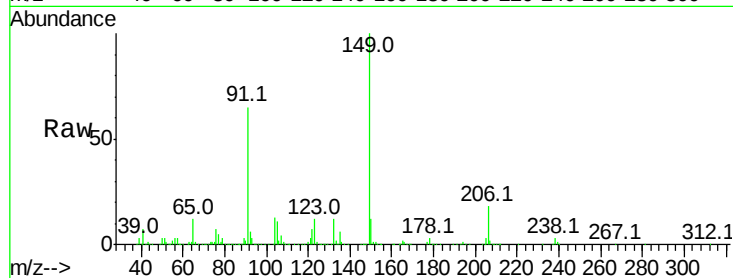




#79
Butylbenzylphthalate
Concen: 47.15 ng
RT: 13.80 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

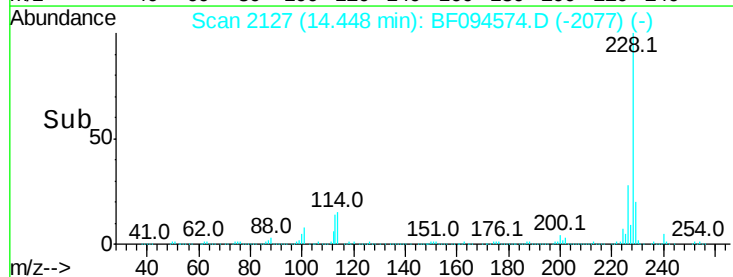
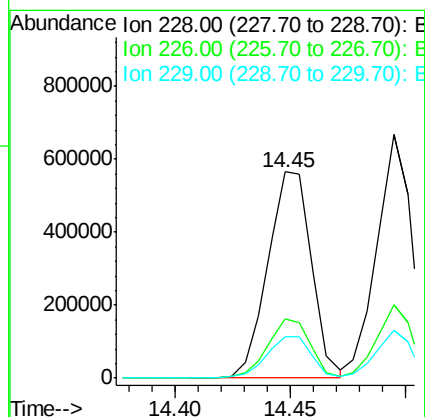
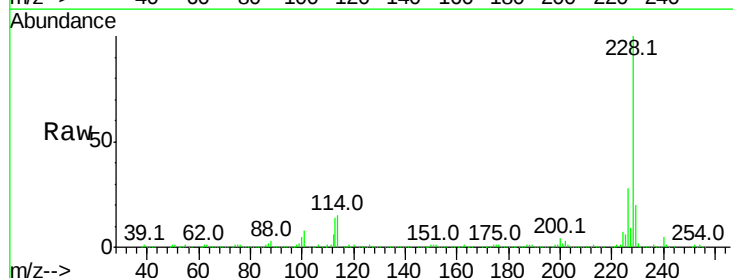
Instrument :
BNA_F
ClientSampleId :

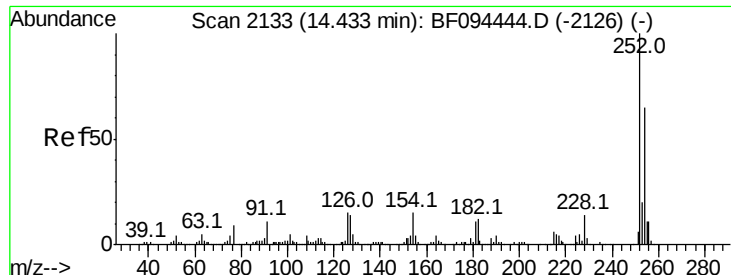
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.9	45.0	67.4
206	17.5	17.0	25.6



#80
Benzo(a)anthracene
Concen: 44.59 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.2	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 35.26 ng

RT: 14.43 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampleId :

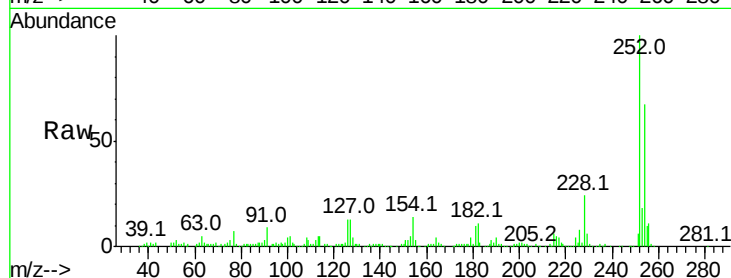
Tot Ion:252 Resp: 207112

Ion Ratio Lower Upper

252 100

254 66.7 51.5 77.3

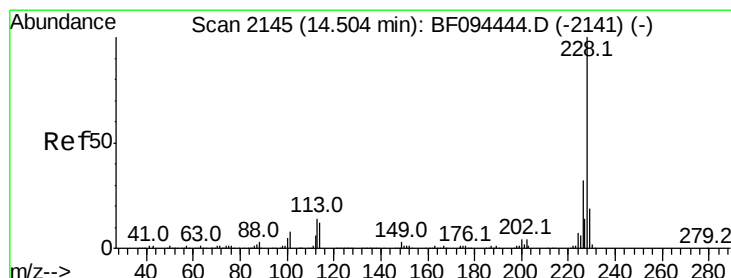
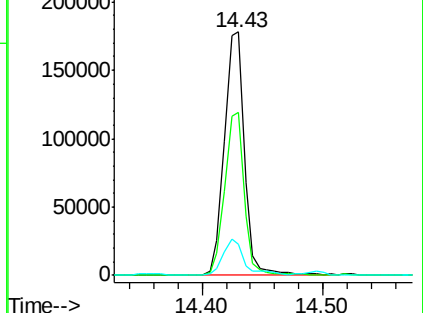
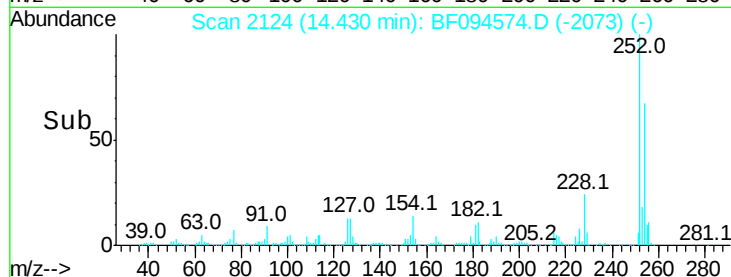
126 13.0 15.8 23.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 45.50 ng

RT: 14.49 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

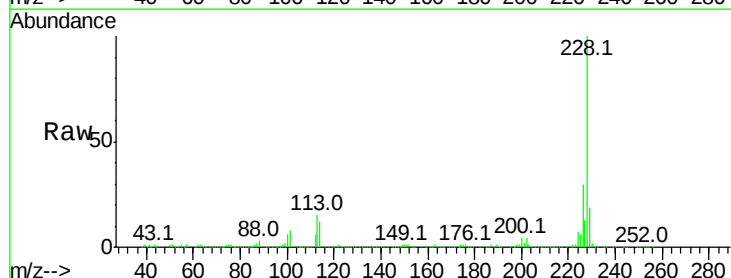
Tgt Ion:228 Resp: 689913

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

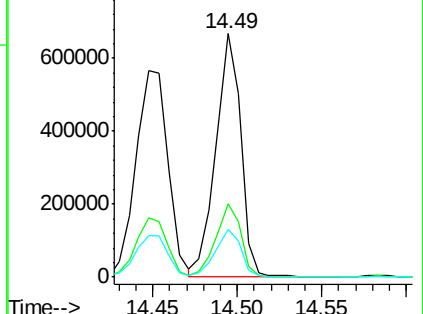
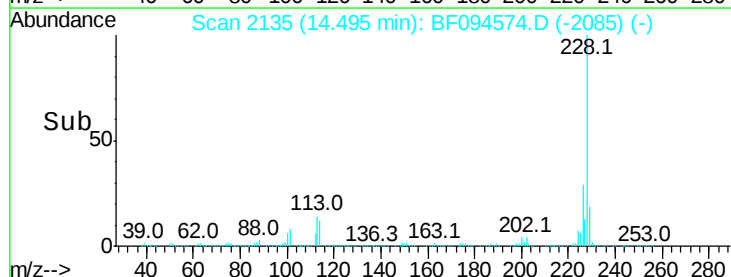
229 19.4 15.8 23.6

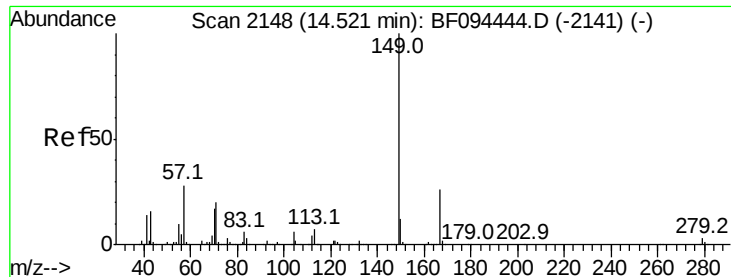


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

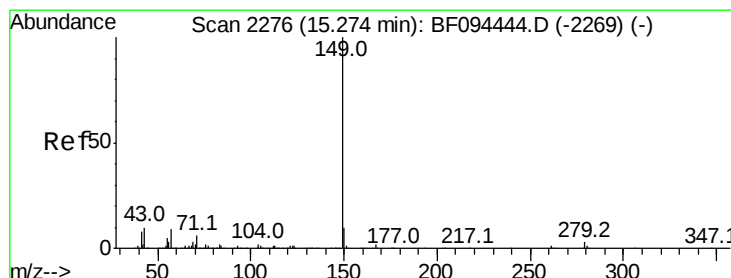
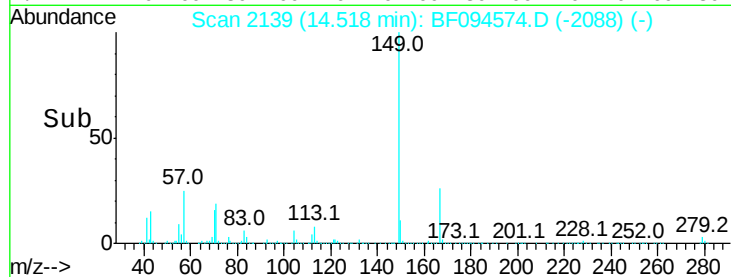
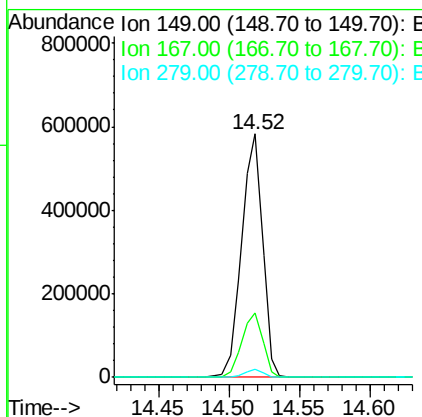
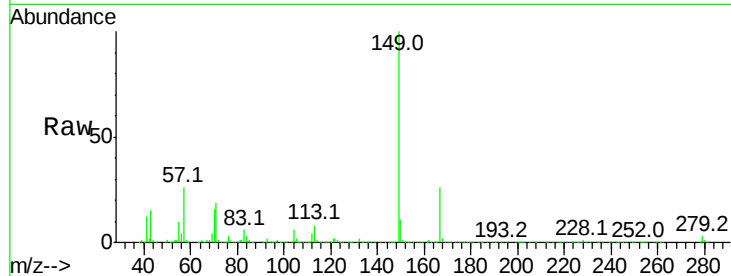




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.26 ng
 RT: 14.52 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

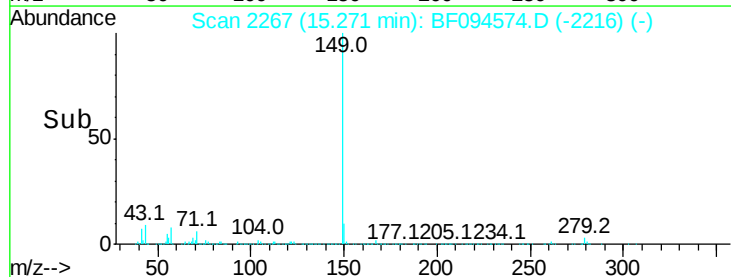
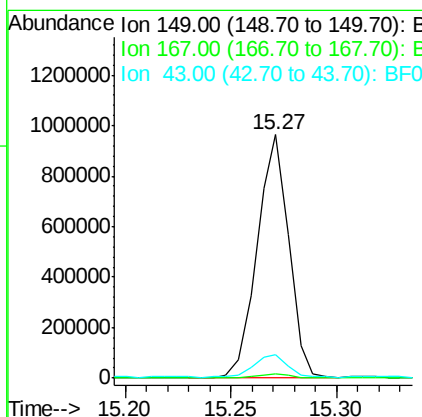
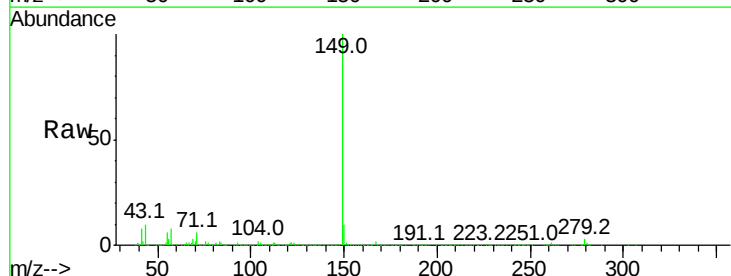
Instrument :
 BNA_F
 ClientSampleId :

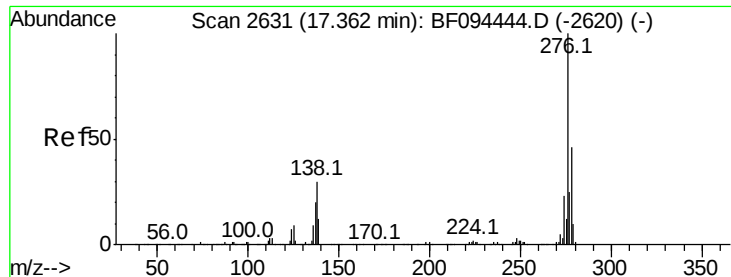
Tot Ion	149	Resp	601536
Ion Ratio	100	Lower	Upper
149	100		
167	26.4	21.0	31.4
279	3.3	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 50.79 ng
 RT: 15.27 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF094574.D
 Acq: 21 Apr 2017 20:37

Tgt Ion	149	Resp	999827
Ion Ratio	100	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.5	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.07 ng

RT: 17.37 min Scan# 2623

Delta R.T. 0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampleId :

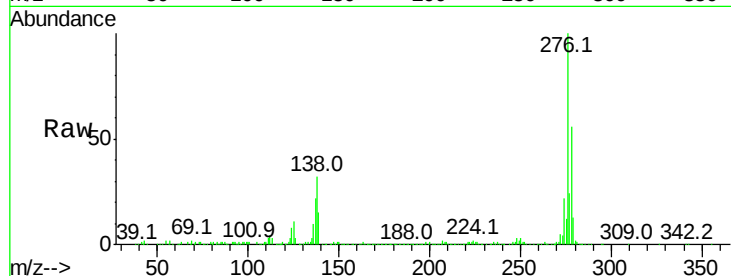
Tot Ion:276 Resp: 650210

Ion Ratio Lower Upper

276 100

138 34.2 27.8 41.6

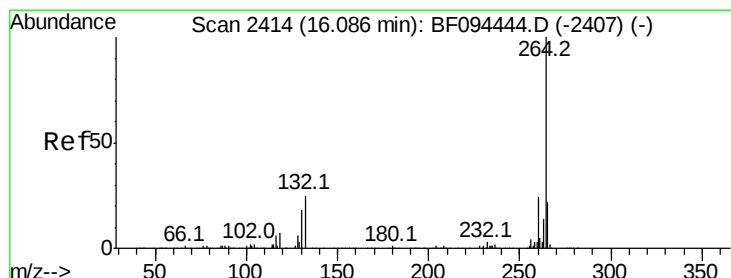
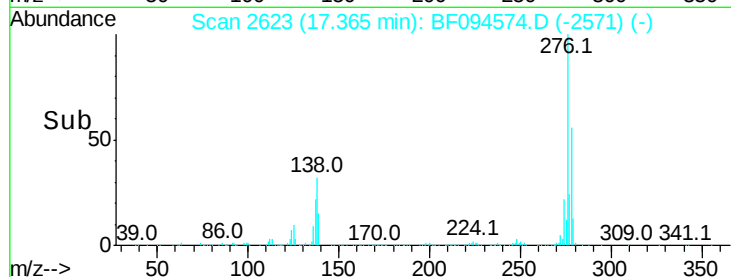
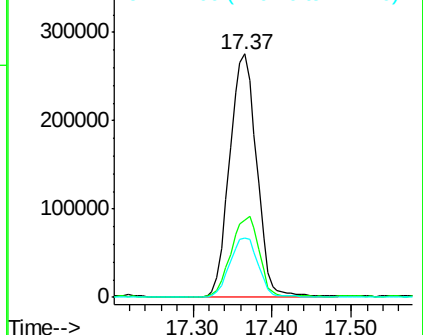
277 25.2 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.08 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

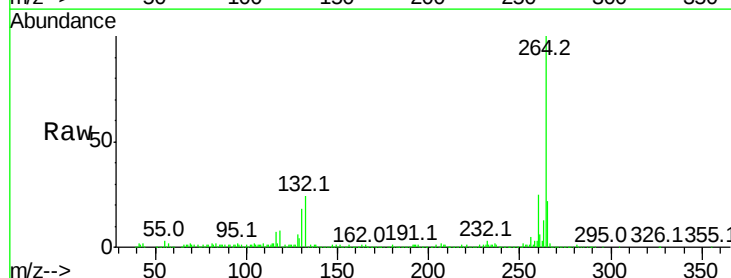
Tgt Ion:264 Resp: 260844

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

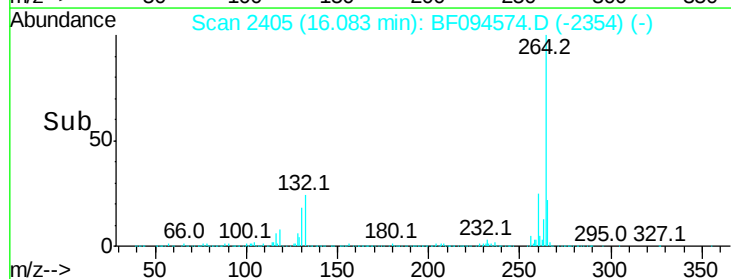
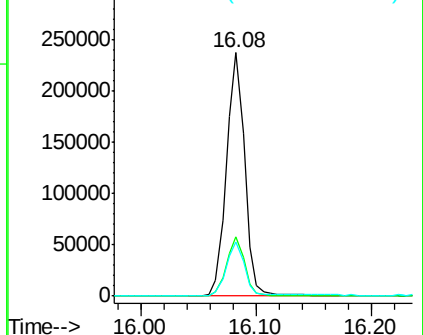
265 22.4 17.2 25.8

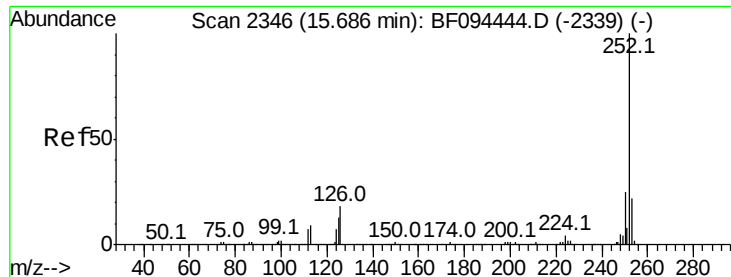


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.96 ng

RT: 15.69 min Scan# 2338

Delta R.T. 0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampleId :

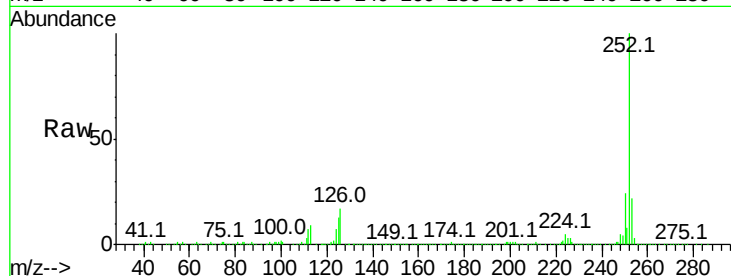
Tot Ion:252 Resp: 749251

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

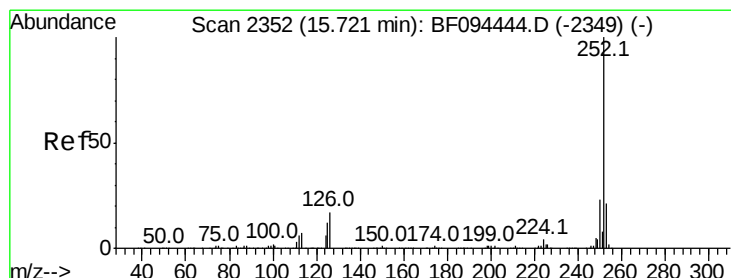
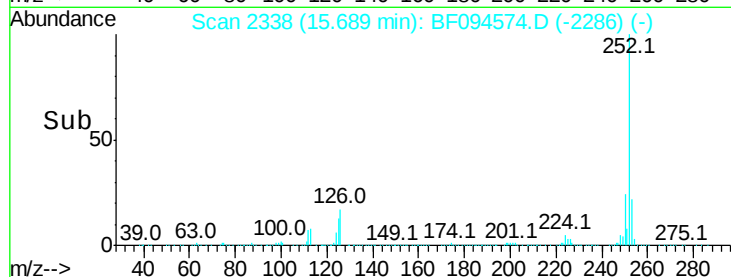
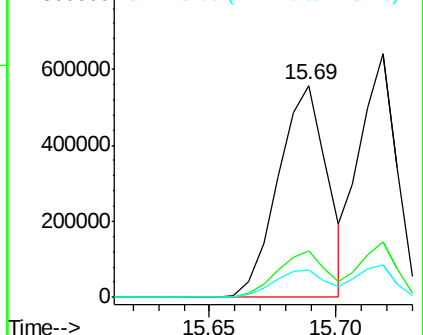
125 13.1 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.09 ng

RT: 15.72 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

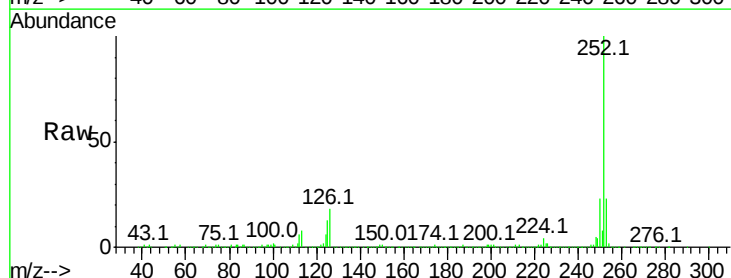
Tgt Ion:252 Resp: 650601

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

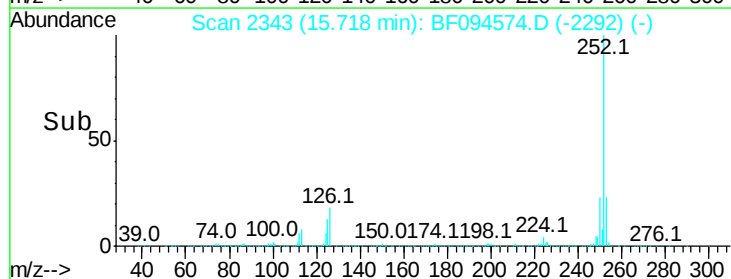
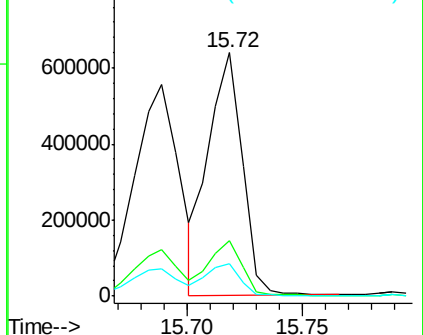
125 13.2 13.1 19.7

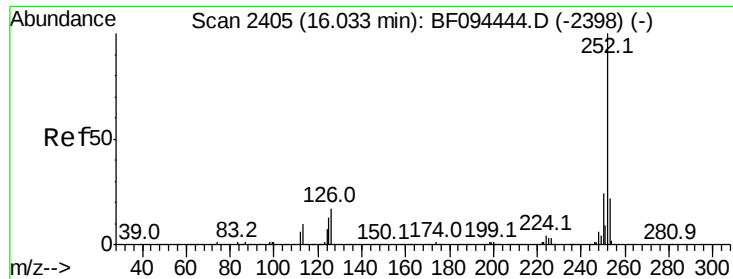


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

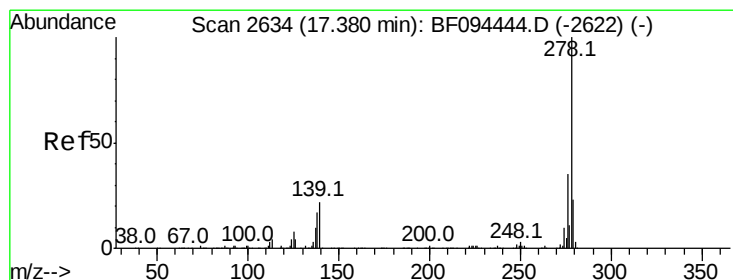
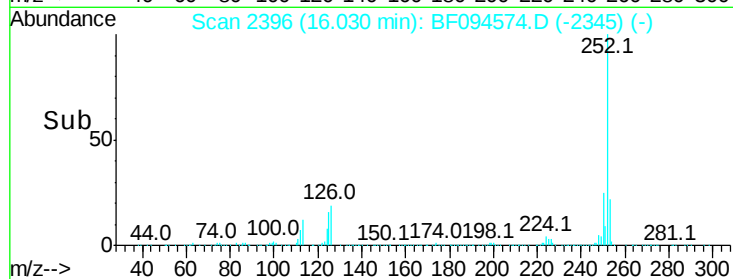
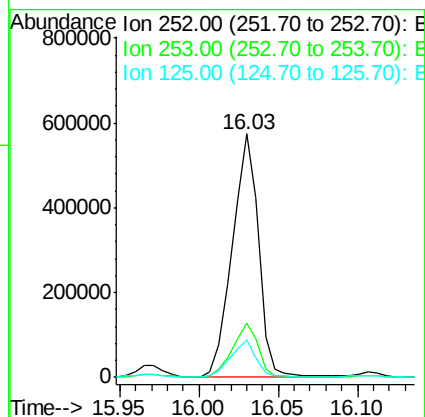
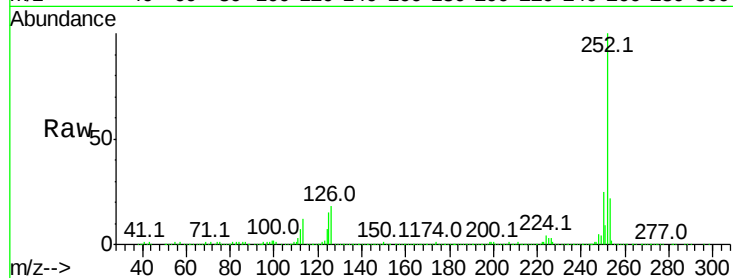




#89
Benzo(a)pyrene
Concen: 44.32 ng
RT: 16.03 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

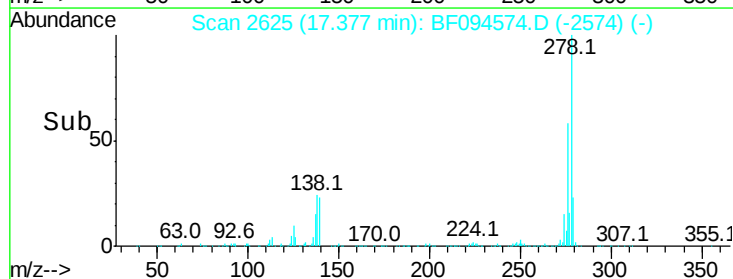
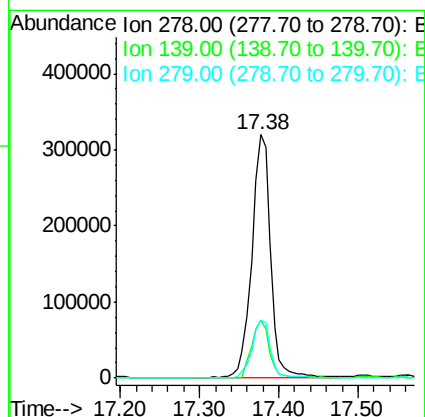
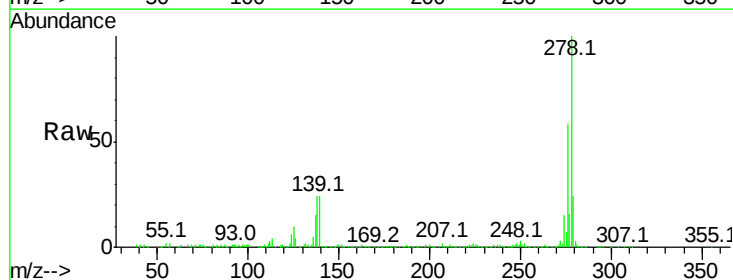
Instrument :
BNA_F
ClientSampleId :

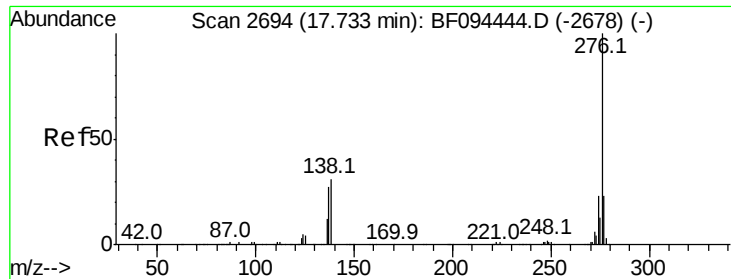
Tot Ion:252 Resp: 657877
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 15.3 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 42.88 ng
RT: 17.38 min Scan# 2625
Delta R.T. -0.00 min
Lab File: BF094574.D
Acq: 21 Apr 2017 20:37

Tgt Ion:278 Resp: 528535
Ion Ratio Lower Upper
278 100
139 23.6 16.6 24.8
279 23.6 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 42.49 ng

RT: 17.74 min Scan# 2687

Delta R.T. 0.01 min

Lab File: BF094574.D

Acq: 21 Apr 2017 20:37

Instrument :

BNA_F

ClientSampleId :

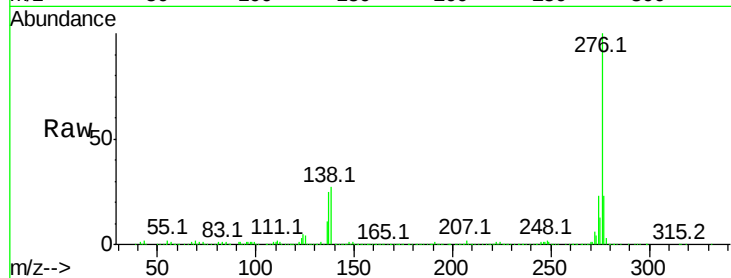
Tot Ion: 276 Resp: 533277

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 26.8 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

