

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094460.D
 Acq On : 17 Apr 2017 20:13
 Operator : SJ/MA
 Sample : I2708-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 01:00:40 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	5.76	152	149339	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	612958	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	273809	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	487354	20.00	ng	0.00
75) Chrysene-d12	14.47	240	382536	20.00	ng	0.00
86) Perylene-d12	16.08	264	258959	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.31	112	809870	89.97	ng	0.00
7) Phenol-d6	5.39	99	1099689	103.63	ng	0.00
23) Nitrobenzene-d5	6.42	82	768683	77.44	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	159864	74.64	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1383203	74.33	ng	0.00
78) Terphenyl-d14	13.20	244	1078142	75.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	128609	24.57	ng	97
3) Pyridine	2.62	79	378239	33.06	ng	98
4) n-Nitrosodimethylamine	2.58	42	170508	36.02	ng	92
6) Aniline	5.38	93	240898	17.08	ng	# 86
8) 2-Chlorophenol	5.53	128	355210	34.68	ng	99
9) Benzaldehyde	5.25	77	81258	10.07	ng	99
10) Phenol	5.40	94	437648	33.57	ng	90
11) bis(2-Chloroethyl)ether	5.47	93	353513	37.12	ng	99
12) 1,3-Dichlorobenzene	5.69	146	391739	34.52	ng	99
13) 1,4-Dichlorobenzene	5.78	146	397398	34.81	ng	97
14) 1,2-Dichlorobenzene	5.95	146	374549	35.61	ng	97
15) Benzyl Alcohol	5.93	79	297631	37.81	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.09	45	468810	37.55	ng	49
17) 2-Methylphenol	6.09	107	252053	31.24	ng	# 91
18) Hexachloroethane	6.35	117	135358	34.58	ng	# 85
19) n-Nitroso-di-n-propylamine	6.25	70	272255	38.72	ng	95
20) 3+4-Methylphenols	6.27	107	381684	34.82	ng	# 63
22) Acetophenone	6.23	105	538930	36.16	ng	# 86
24) Nitrobenzene	6.43	77	373249	35.71	ng	94
25) Isophorone	6.72	82	690628	37.53	ng	97
26) 2-Nitrophenol	6.81	139	209192	37.25	ng	97
27) 2,4-Dimethylphenol	6.89	122	245707	26.93	ng	97
28) bis(2-Chloroethoxy)methane	6.99	93	450911	37.88	ng	98
29) 2,4-Dichlorophenol	7.12	162	311358	36.69	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	317089	36.14	ng	99
31) Naphthalene	7.29	128	1063474	36.09	ng	100
32) Benzoic acid	7.01	122	32964	6.83	ng	92
33) 4-Chloroaniline	7.36	127	320147	26.12	ng	# 92
34) Hexachlorobutadiene	7.45	225	154324	35.28	ng	97
35) Caprolactam	7.80	113	57126	21.43	ng	89
36) 4-Chloro-3-methylphenol	7.99	107	330738	37.19	ng	92
37) 2-Methylnaphthalene	8.13	142	720552	35.74	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	275870	35.38	ng	99
40) Hexachlorocyclopentadiene	8.33	237	227279	72.06	ng	99

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 Misc :
 ALS Vial : 12 Sample Multiplier: 1

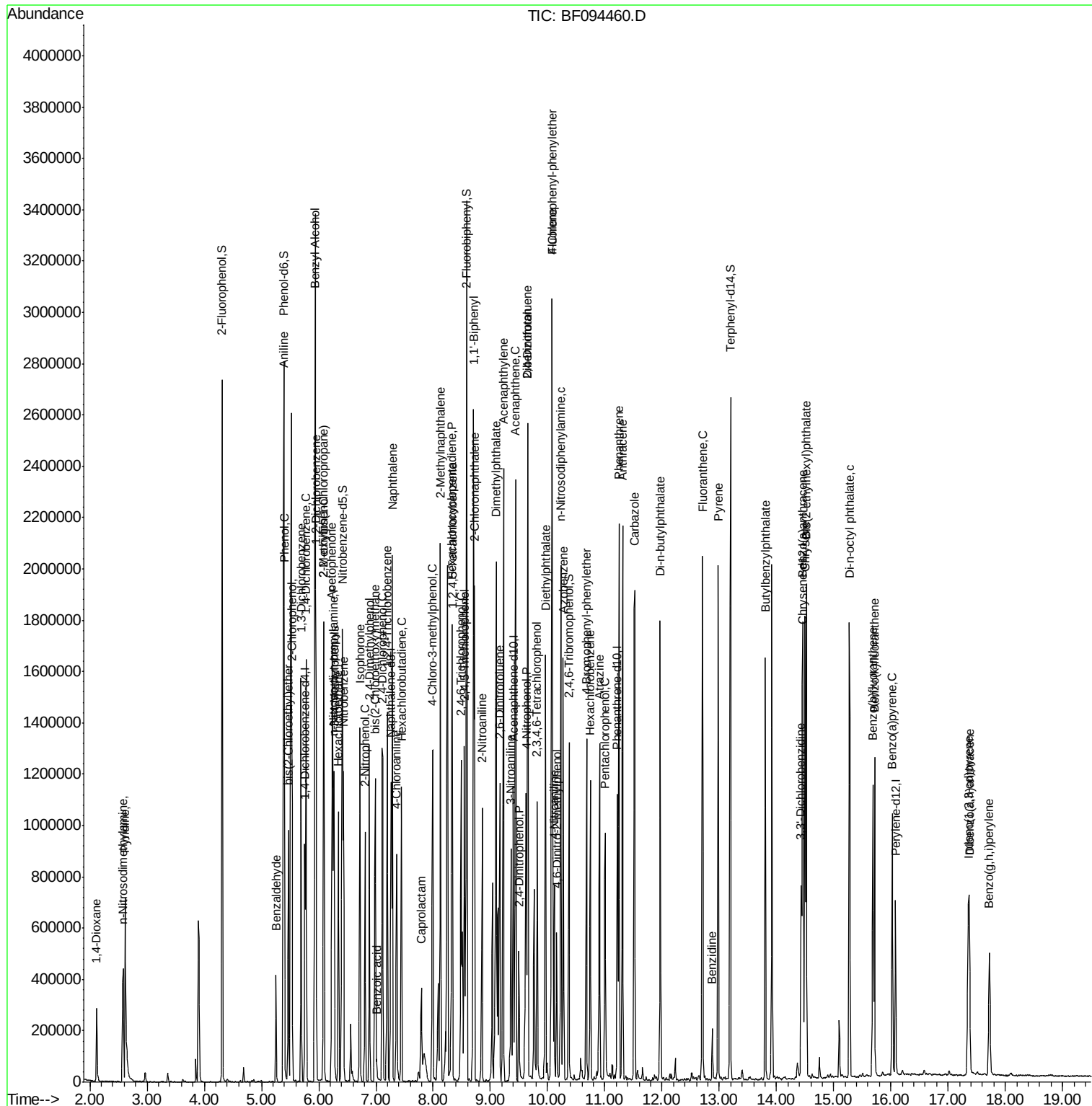
Instrument :
 BNA_F
 ClientSampleId :

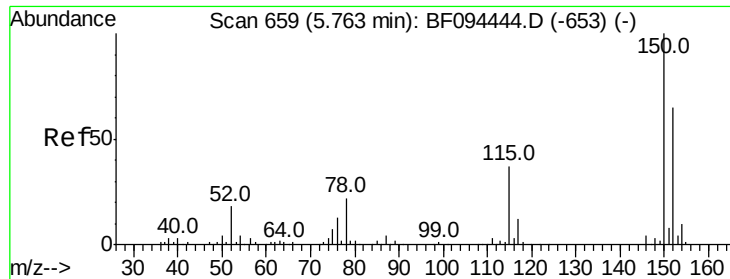
Quant Time: Apr 18 01:00:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	196226	35.84	nq	99
43) 2,4,5-Trichlorophenol	8.55	196	207153	36.84	nq	94
45) 1,1'-Biphenyl	8.70	154	813828	36.38	nq	98
46) 2-Chloronaphthalene	8.72	162	648145	36.44	nq	95
47) 2-Nitroaniline	8.86	65	195567	38.22	nq	# 79
48) Acenaphthylene	9.23	152	975175	35.17	nq	100
49) Dimethylphthalate	9.10	163	1229617	60.26	nq	99
50) 2,6-Dinitrotoluene	9.16	165	171520	37.45	nq	# 87
51) Acenaphthene	9.44	154	597987	36.00	nq	99
52) 3-Nitroaniline	9.36	138	165754	31.28	nq	90
53) 2,4-Dinitrophenol	9.50	184	71868	32.59	nq	# 70
54) Dibenzofuran	9.65	168	866622	35.90	nq	99
55) 4-Nitrophenol	9.63	139	234214	62.56	nq	84
56) 2,4-Dinitrotoluene	9.66	165	214292	38.13	nq	# 73
57) Fluorene	10.07	166	680014	36.18	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	136854	33.96	nq	98
59) Diethylphthalate	9.96	149	733322	38.09	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	297799	38.07	nq	93
61) 4-Nitroaniline	10.12	138	176645	32.79	nq	92
62) Azobenzene	10.27	77	707213	37.83	nq	97
64) 4,6-Dinitro-2-methylphenol	10.16	198	86649	27.14	nq	# 77
65) n-Nitrosodiphenylamine	10.23	169	573993	33.86	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	177342	36.65	nq	97
67) Hexachlorobenzene	10.75	284	176449	36.18	nq	# 88
68) Atrazine	10.91	200	186495	36.78	nq	98
69) Pentachlorophenol	11.00	266	118208	61.04	nq	96
70) Phenanthrene	11.25	178	933629	34.02	nq	99
71) Anthracene	11.31	178	980858	34.55	nq	99
72) Carbazole	11.52	167	925545	34.74	nq	96
73) Di-n-butylphthalate	11.97	149	1089851	37.15	nq	99
74) Fluoranthene	12.71	202	938357	32.99	nq	100
76) Benzidine	12.88	184	81982	5.29	nq	# 93
77) Pyrene	12.98	202	935835	35.02	nq	99
79) Butylbenzylphthalate	13.80	149	465863	39.77	nq	# 85
80) Benzo(a)anthracene	14.46	228	725536	32.63	nq	99
81) 3,3'-Dichlorobenzidine	14.43	252	157075	19.96	nq	# 97
82) Chrysene	14.50	228	659377	32.45	nq	100
83) Bis(2-ethylhexyl)phthalate	14.52	149	631585	40.16	nq	99
84) Di-n-octyl phthalate	15.27	149	998554	37.85	nq	98
85) Indeno(1,2,3-cd)pyrene	17.35	276	395968	20.48	nq	99
87) Benzo(b)fluoranthene	15.69	252	513705	32.43	nq	98
88) Benzo(k)fluoranthene	15.72	252	497495	33.19	nq	# 94
89) Benzo(a)pyrene	16.03	252	416735	28.28	nq	99
90) Dibenzo(a,h)anthracene	17.37	278	353122	28.86	nq	99
91) Benzo(g,h,i)perylene	17.72	276	313546	25.17	nq	99

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

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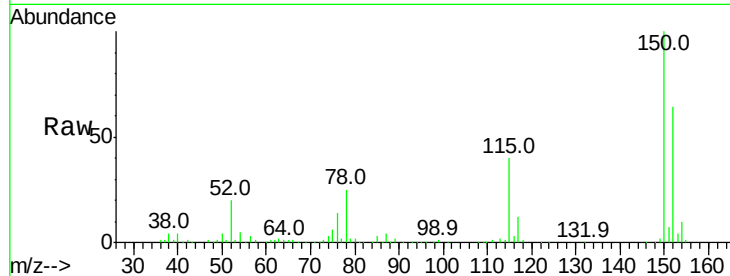


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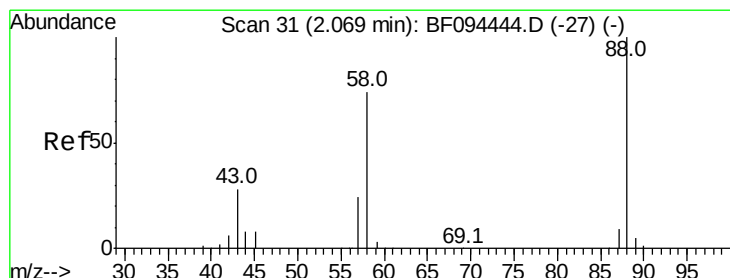
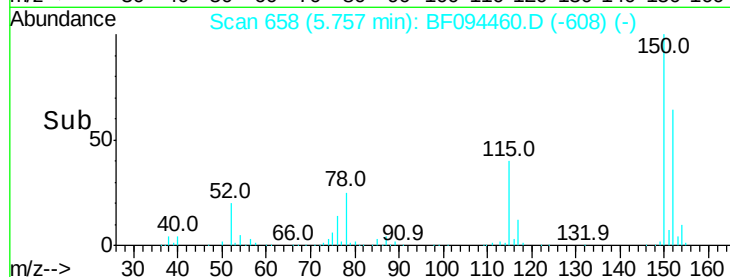
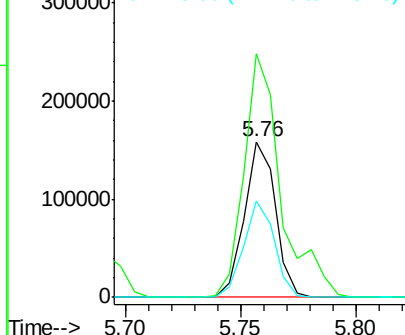
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149339
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 62.1 52.2 78.2



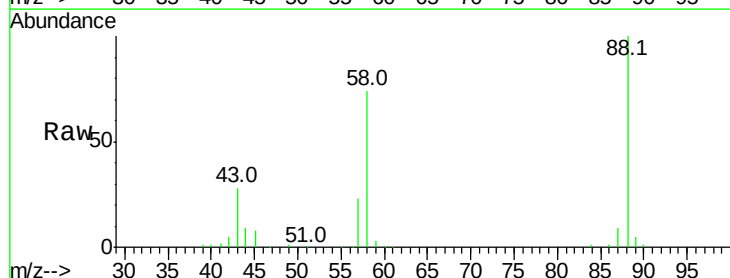
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



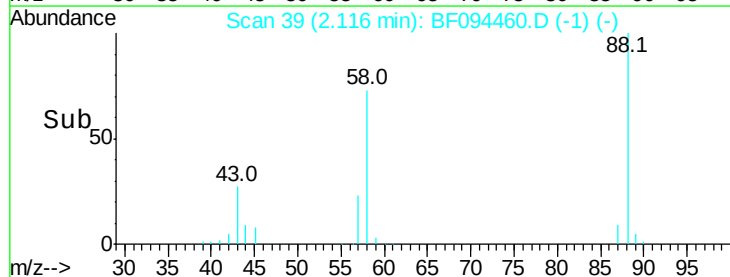
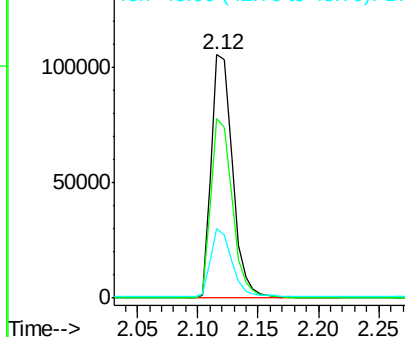
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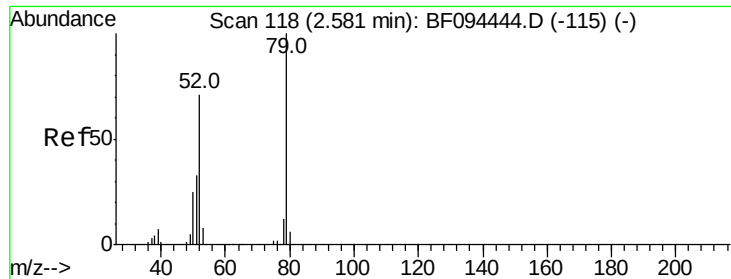
1,4-Dioxane
Concen: 24.57 ng
RT: 2.12 min Scan# 39
Delta R.T. 0.05 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Tgt Ion: 88 Resp: 128609
Ion Ratio Lower Upper
88 100
58 73.7 61.4 92.0
43 27.9 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

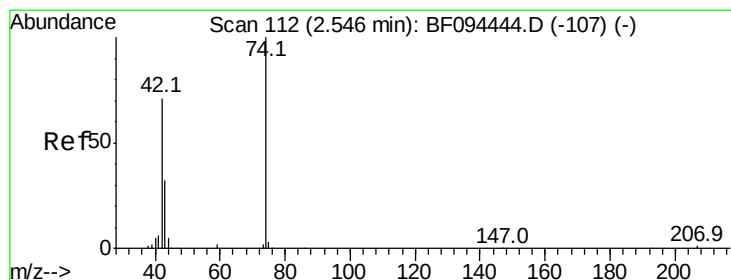
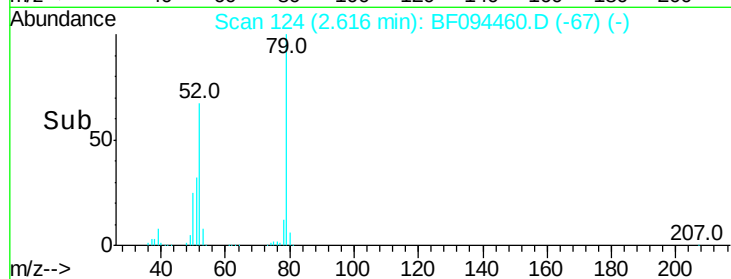
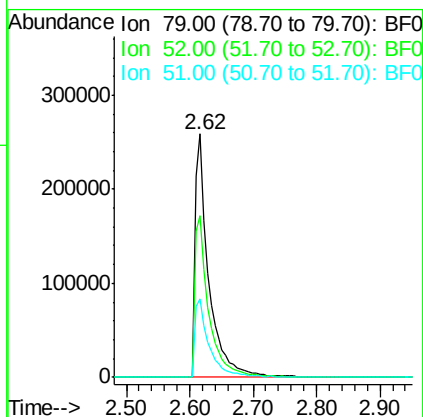
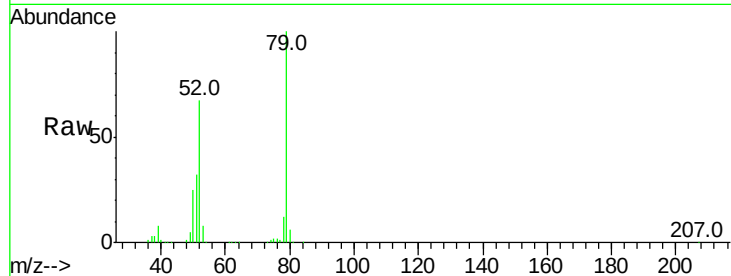




#3
 Pvridine
 Concen: 33.06 ng
 RT: 2.62 min Scan# 124
 Delta R.T. 0.04 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

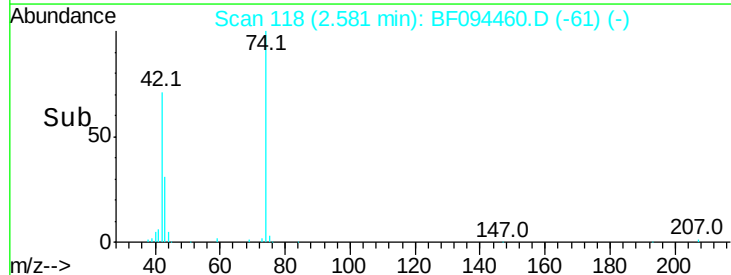
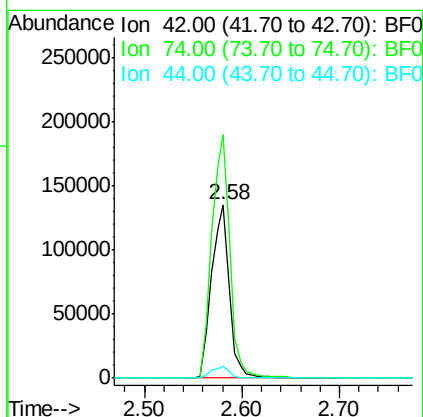
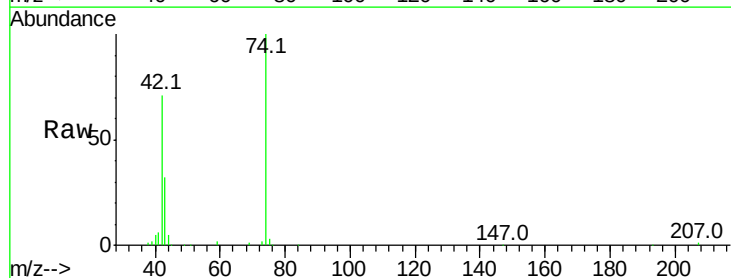
Instrument :
 BNA_F
 ClientSampleId :

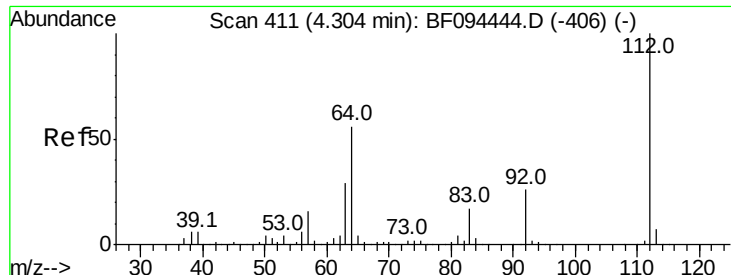
Tot Ion: 79 Resp: 378239
 Ion Ratio Lower Upper
 79 100
 52 66.7 54.8 82.2
 51 32.2 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 36.02 ng
 RT: 2.58 min Scan# 118
 Delta R.T. 0.04 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Tgt Ion: 42 Resp: 170508
 Ion Ratio Lower Upper
 42 100
 74 140.1 103.9 155.9
 44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 89.97 ng

RT: 4.31 min Scan# 412

Delta R.T. 0.01 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

Instrument :
BNA_F
ClientSampled :

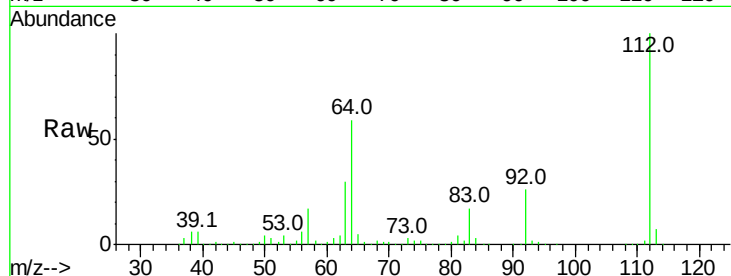
Tot Ion:112 Resp: 809870

Ion Ratio Lower Upper

112 100

64 58.8 46.0 69.0

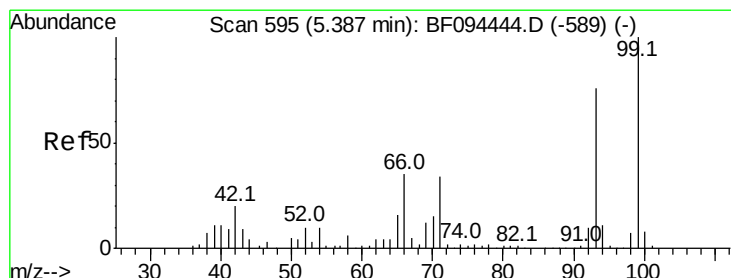
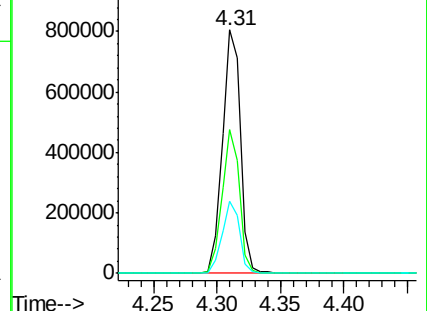
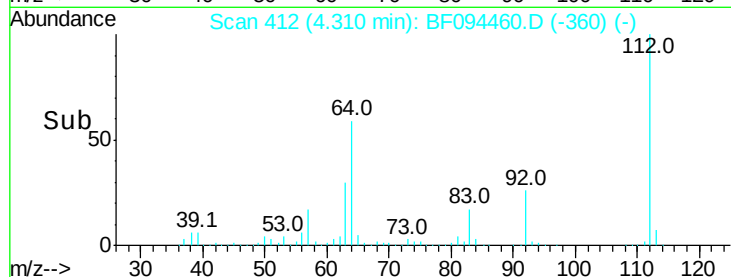
63 29.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.08 ng

RT: 5.38 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

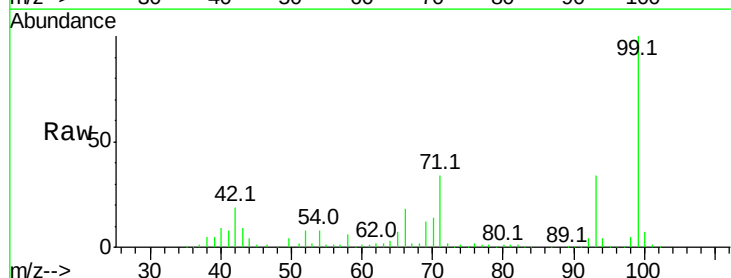
Tgt Ion: 93 Resp: 240898

Ion Ratio Lower Upper

93 100

66 53.0 32.9 49.3#

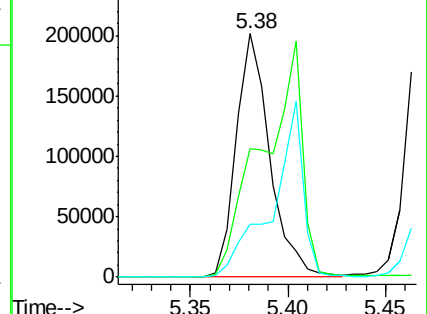
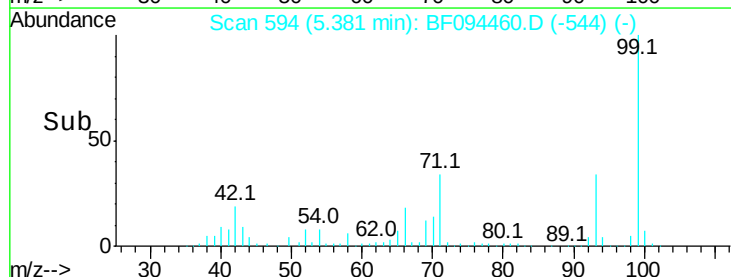
65 21.5 16.0 24.0

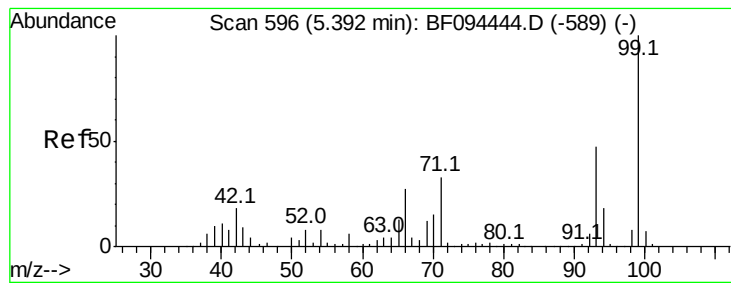


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.63 ng

RT: 5.39 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

Instrument :

BNA_F

ClientSampled :

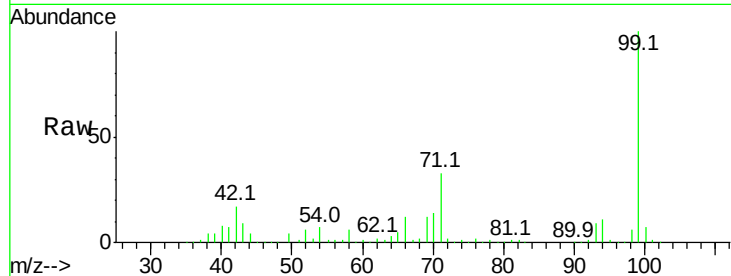
Tot Ion: 99 Resp: 1099689

Ion Ratio Lower Upper

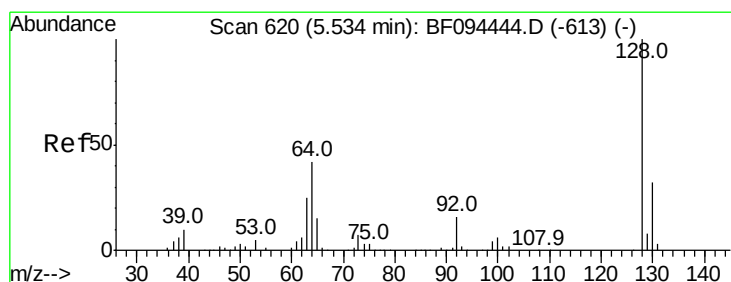
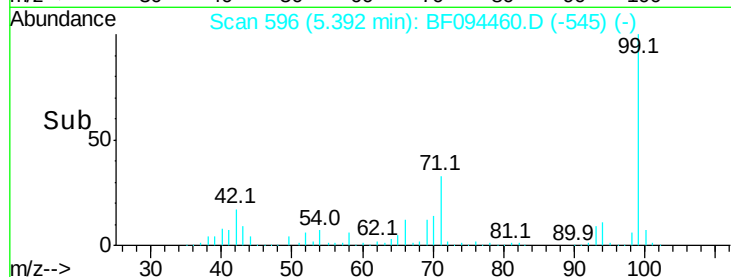
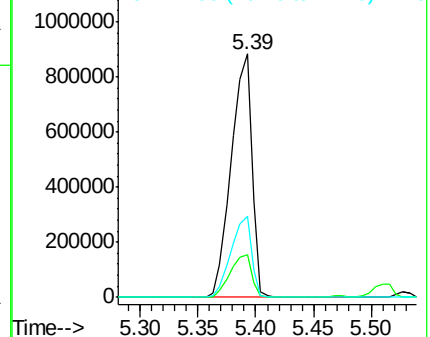
99 100

42 17.4 13.5 20.3

71 33.3 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: 34.68 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

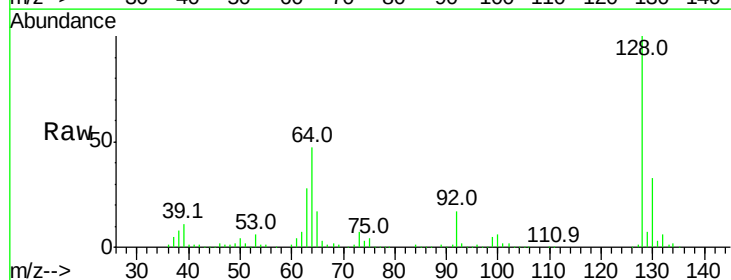
Tgt Ion:128 Resp: 355210

Ion Ratio Lower Upper

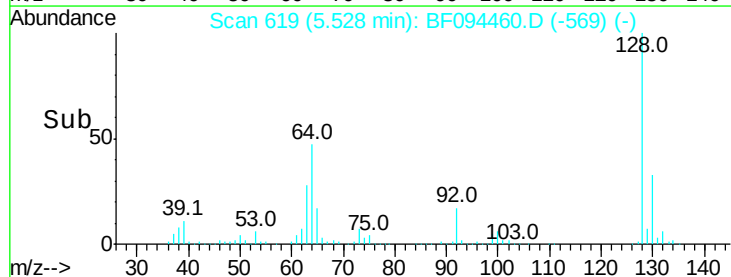
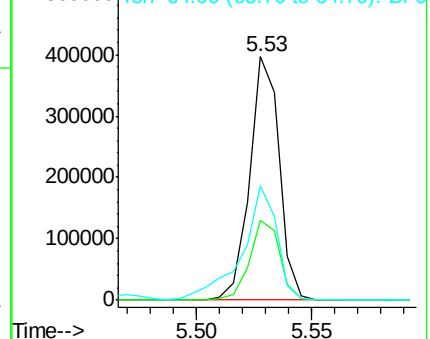
128 100

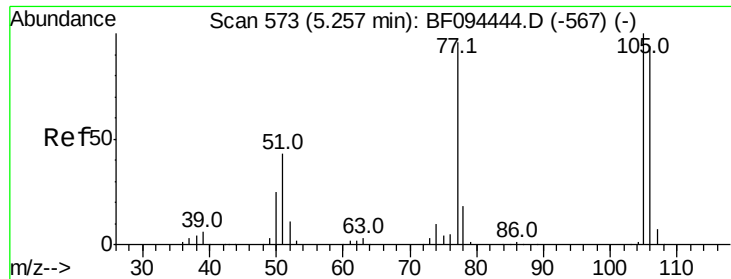
130 32.8 12.9 52.9

64 47.0 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

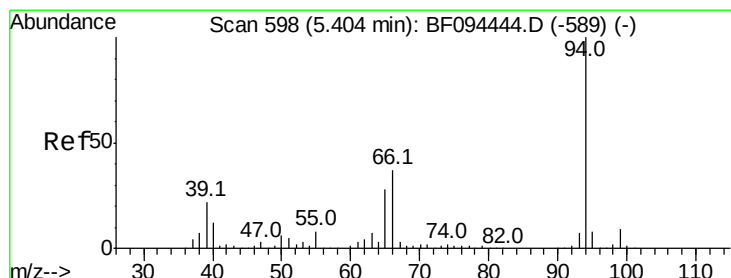
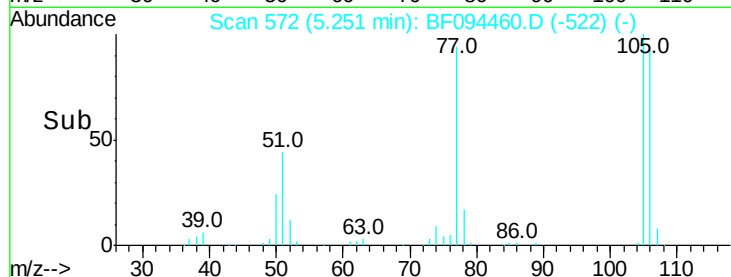
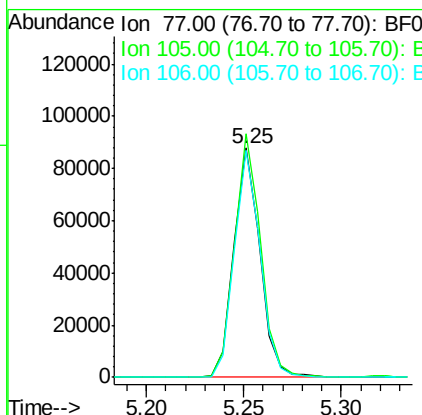
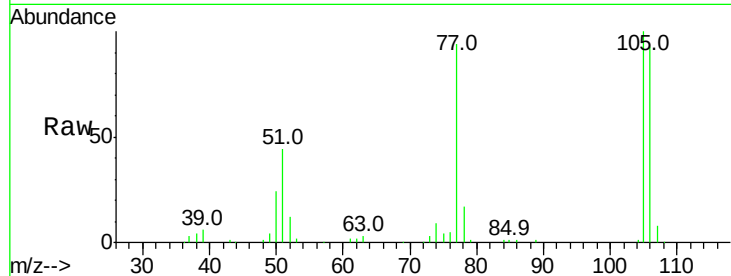




#9
Benzaldehyde
Concen: 10.07 ng
RT: 5.25 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

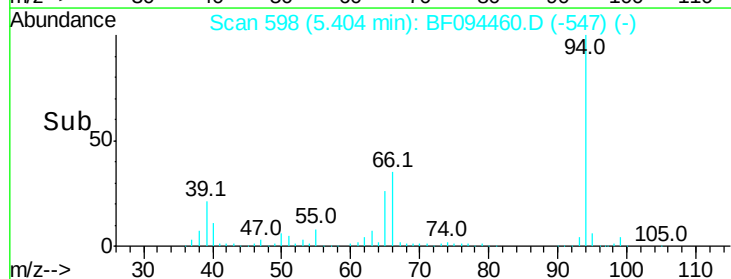
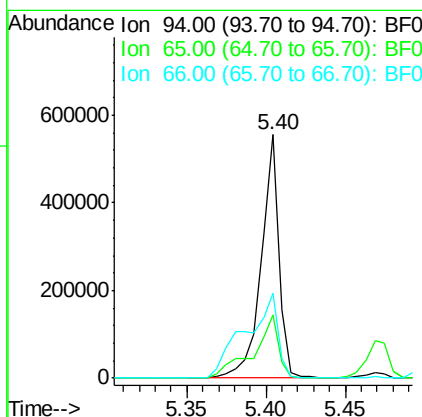
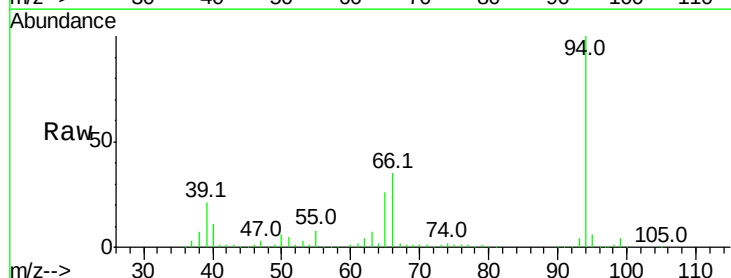
Instrument :
BNA_F
ClientSampleId :

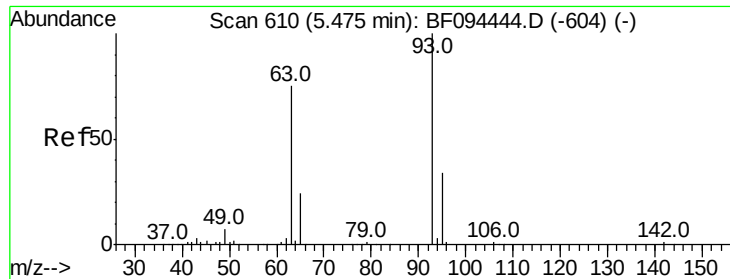
Tot Ion: 77 Resp: 81258
Ion Ratio Lower Upper
77 100
105 106.2 83.8 123.8
106 99.1 79.1 119.1



#10
Phenol
Concen: 33.57 ng
RT: 5.40 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Tgt Ion: 94 Resp: 437648
Ion Ratio Lower Upper
94 100
65 26.1 9.9 49.9
66 35.1 23.1 63.1

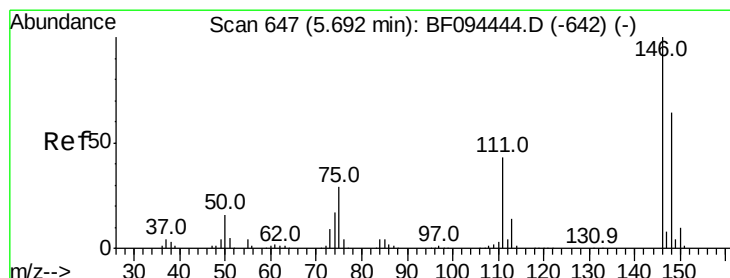
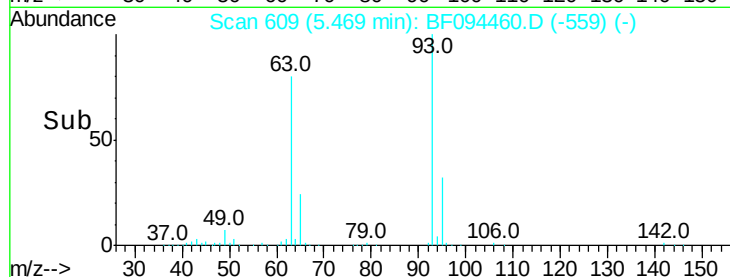
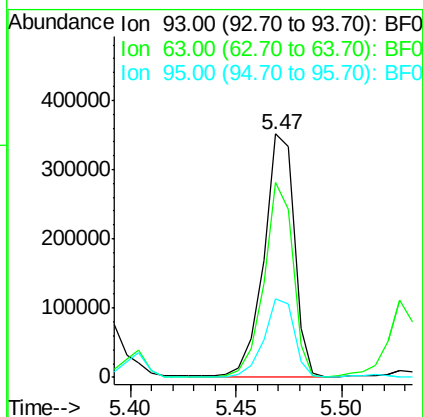
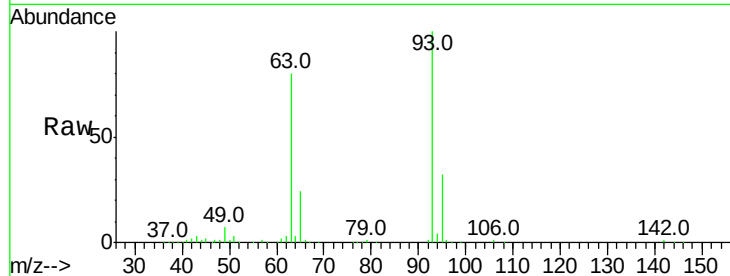




#11
bis(2-Chloroethyl)ether
Concen: 37.12 ng
RT: 5.47 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

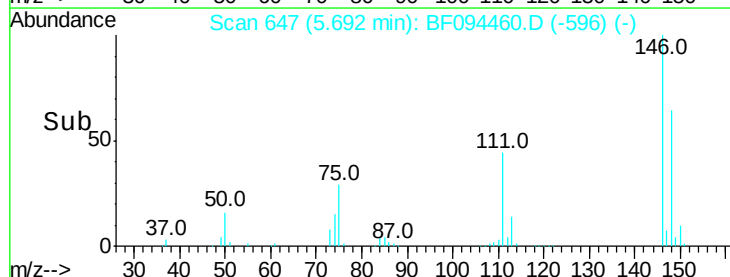
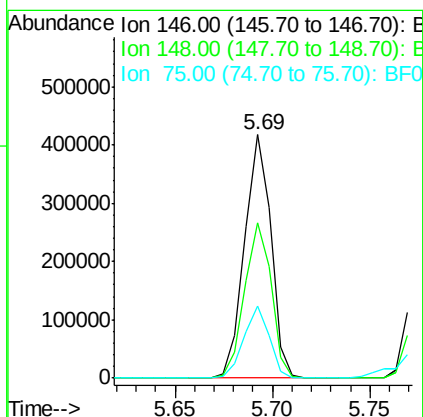
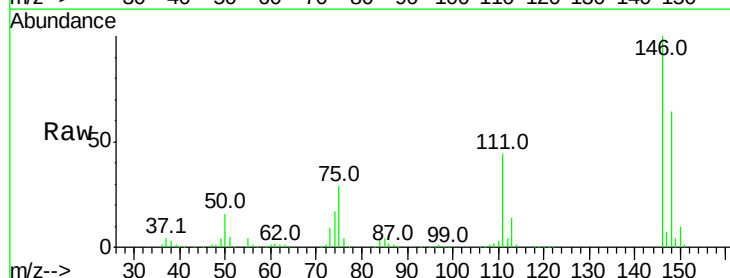
Instrument :
BNA_F
ClientSampleId :

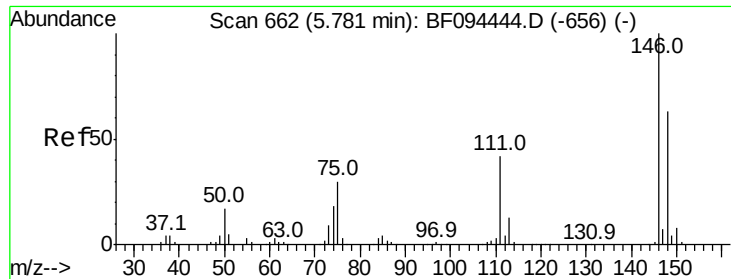
Tot Ion: 93 Resp: 353513
Ion Ratio Lower Upper
93 100
63 79.9 59.2 99.2
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 34.52 ng
RT: 5.69 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Tgt Ion: 146 Resp: 391739
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.6
75 29.4 23.1 34.7

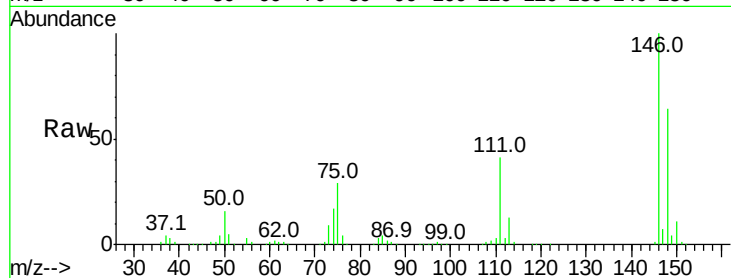




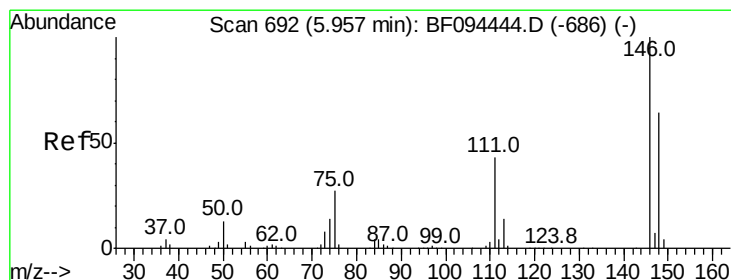
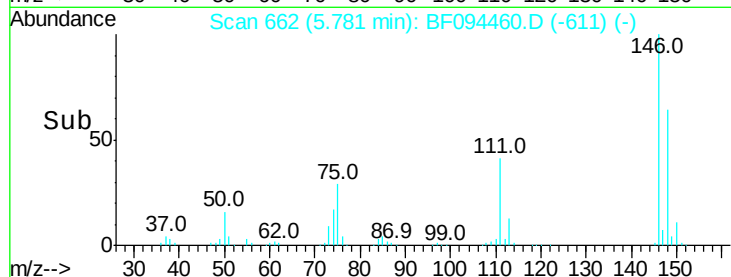
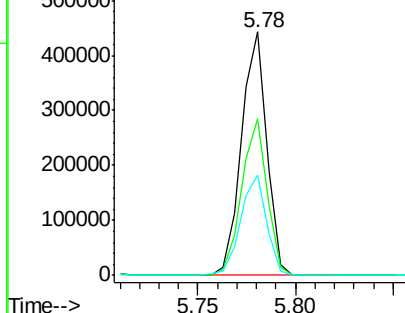
#13
 1,4-Dichlorobenzene
 Concen: 34.81 ng
 RT: 5.78 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 397398
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 41.3 30.3 45.5

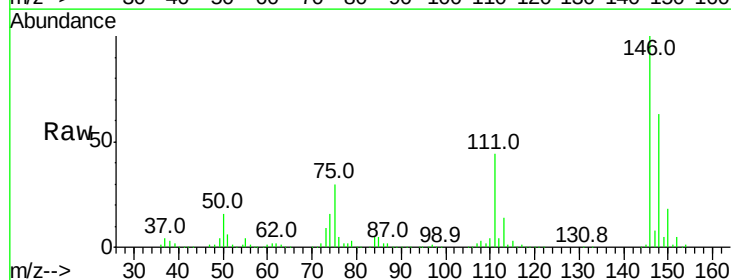


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

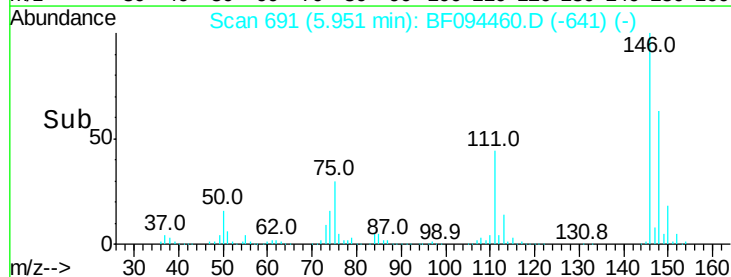
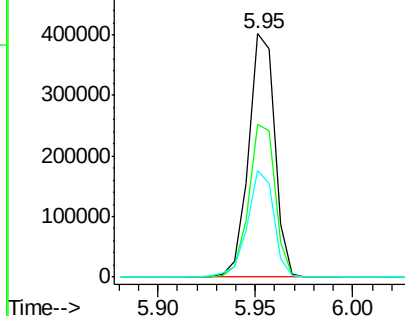


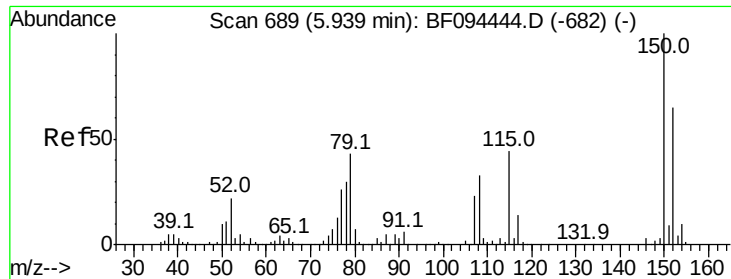
#14
 1,2-Dichlorobenzene
 Concen: 35.61 ng
 RT: 5.95 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Tgt Ion:146 Resp: 374549
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.4 75.6
 111 44.0 38.2 57.4



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

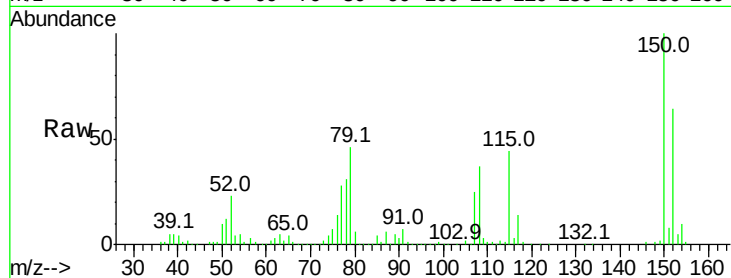




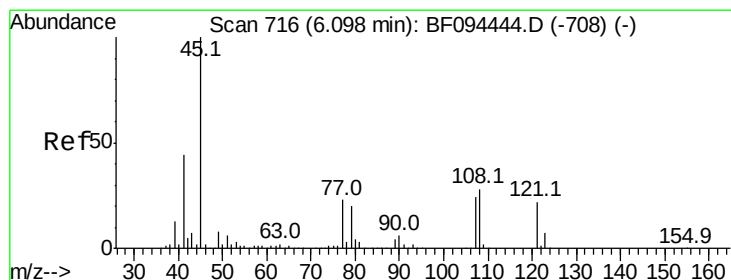
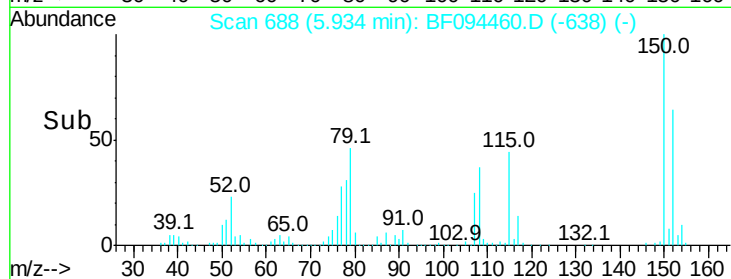
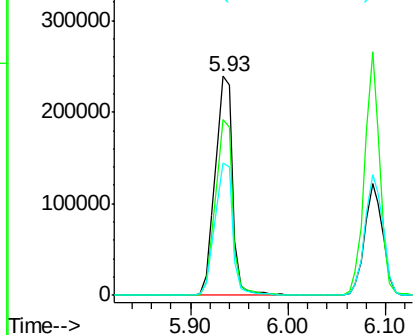
#15
Benzyl Alcohol
Concen: 37.81 ng
RT: 5.93 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 297631
Ion Ratio Lower Upper
79 100
108 80.2 63.4 95.0
77 60.6 49.2 73.8

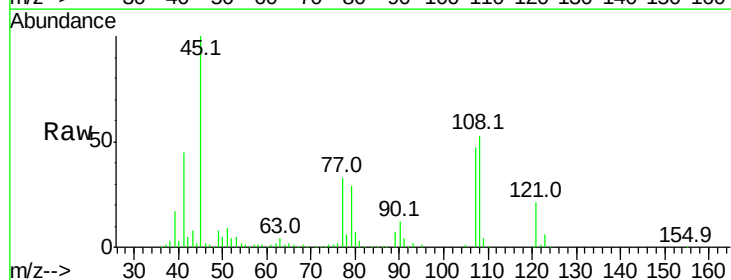


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

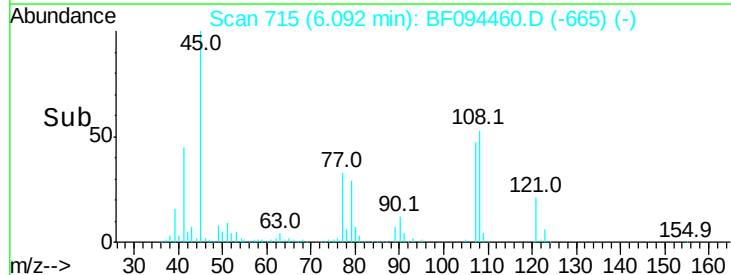
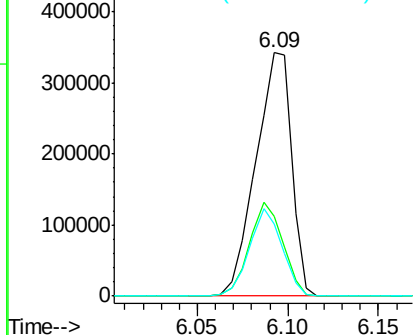


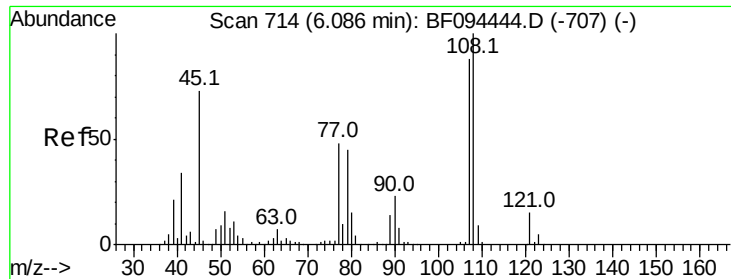
#16
2,2'-oxybis(1-chloropropane)
Concen: 37.55 ng
RT: 6.09 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Tgt Ion: 45 Resp: 468810
Ion Ratio Lower Upper
45 100
77 32.8 0.0 33.2
79 29.4 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: 31.24 ng

RT: 6.09 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 252053

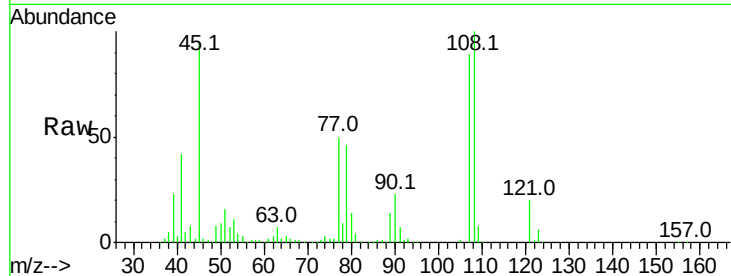
Ion Ratio Lower Upper

107 100

108 112.4 93.4 140.0

77 56.0 35.8 53.6#

79 51.8 34.8 52.2



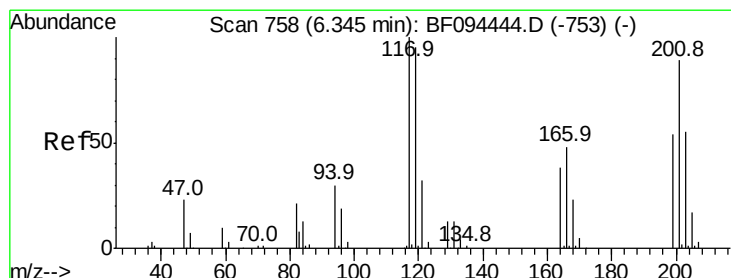
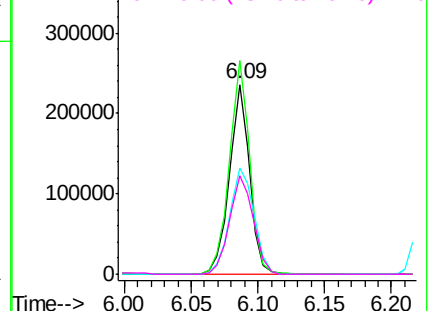
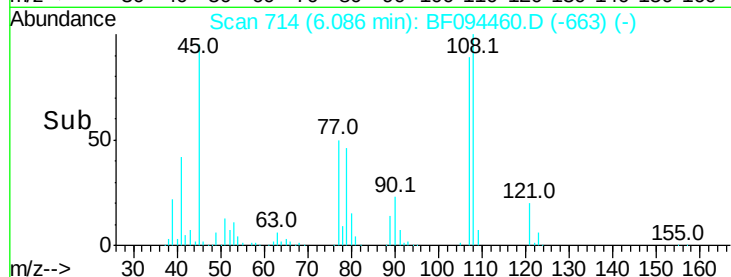
Abundance

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: 34.58 ng

RT: 6.35 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

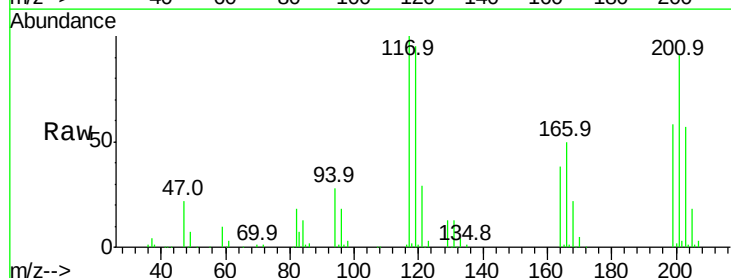
Tgt Ion:117 Resp: 135358

Ion Ratio Lower Upper

117 100

119 94.8 77.4 116.0

201 90.5 94.6 141.8#

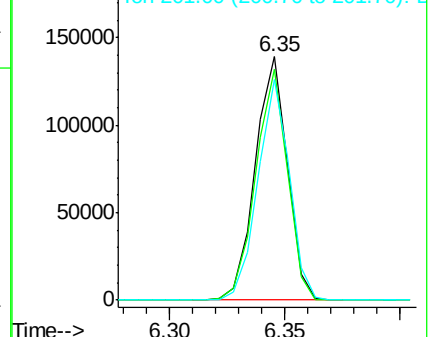
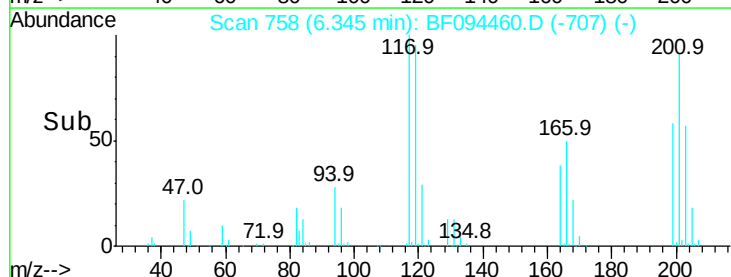


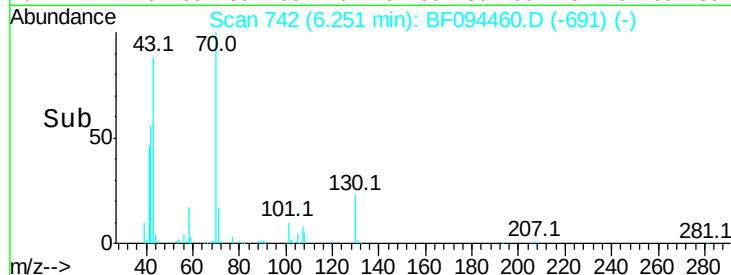
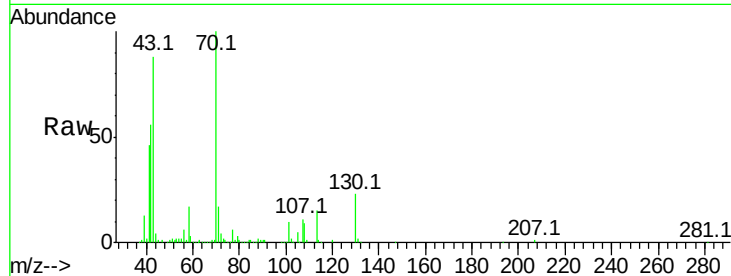
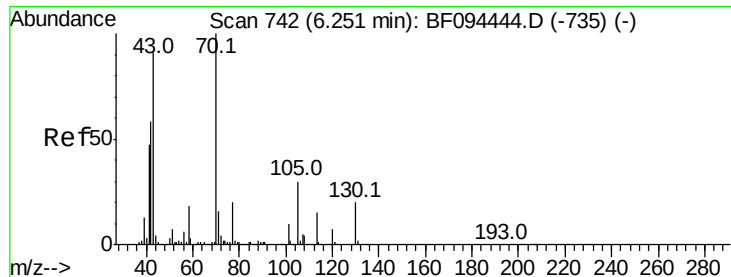
Abundance

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

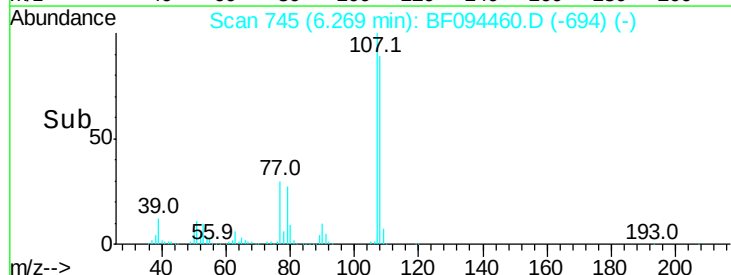
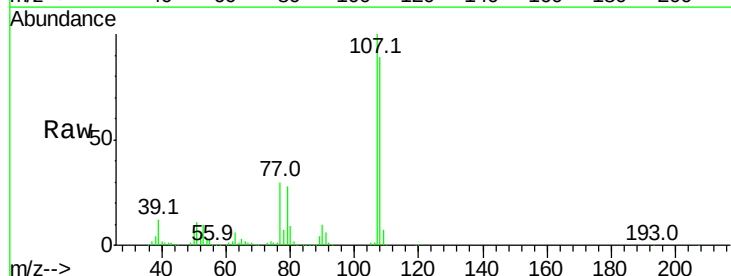
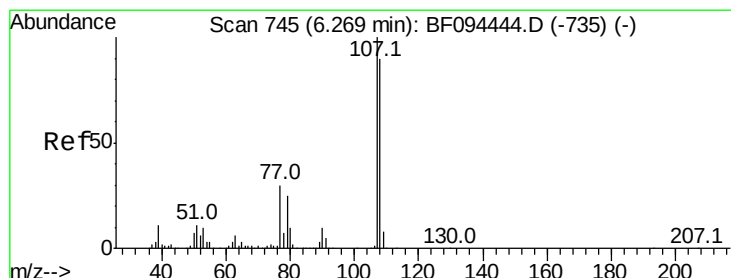
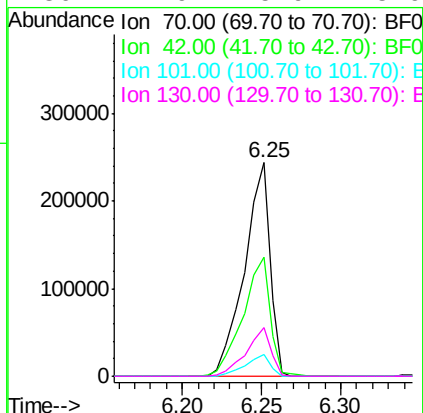




#19
n-Nitroso-di-n-propylamine
Concen: 38.72 ng
RT: 6.25 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

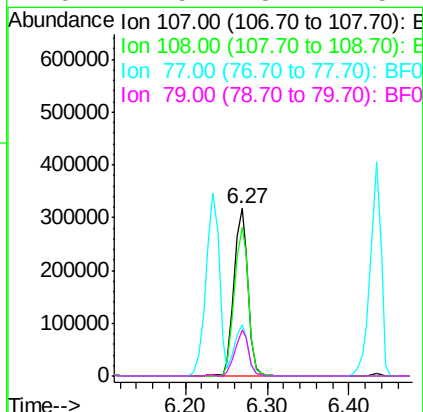
Instrument :
BNA_F
ClientSampleId :

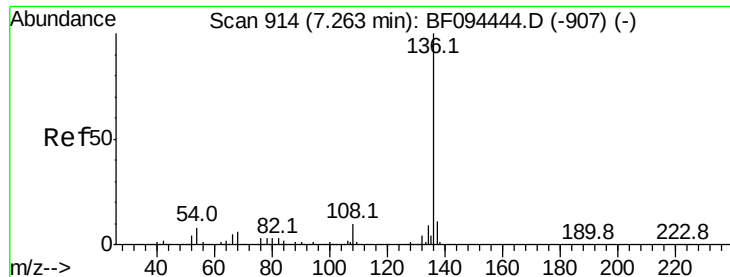
Tot Ion:	70	Resp:	272255
Ion	Ratio	Lower	Upper
70	100		
42	56.0	47.2	70.8
101	10.4	7.2	10.8
130	22.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 34.82 ng
RT: 6.27 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Tgt Ion:	107	Resp:	381684
Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.0	111.0
77	30.5	90.5	130.5#
79	27.5	8.4	48.4

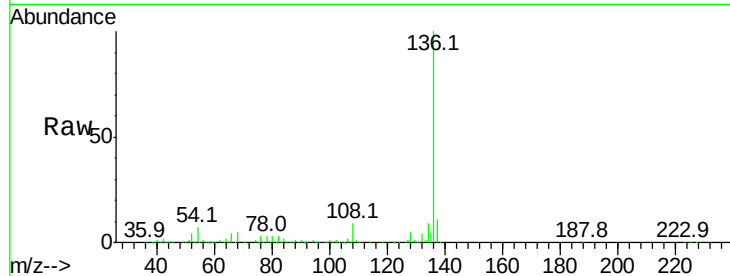




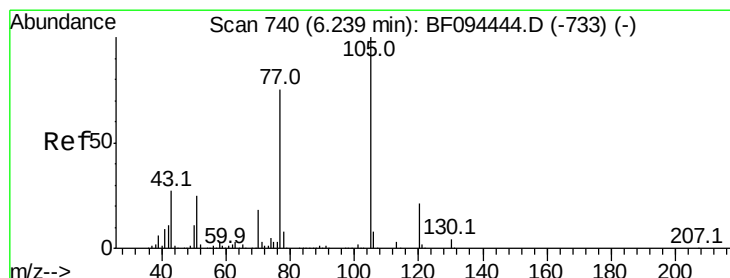
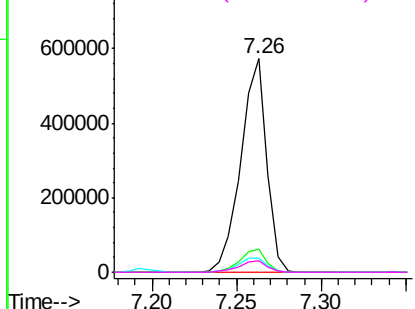
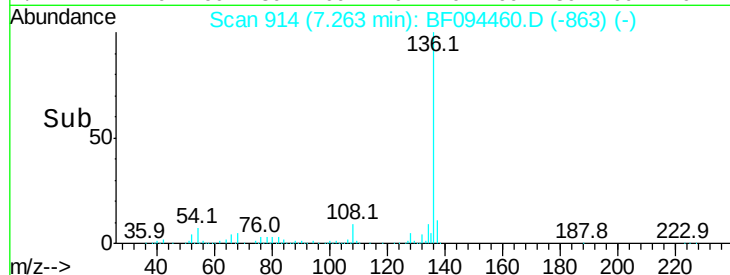
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	612958
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	6.9	4.9 7.3
68	5.4	4.1 6.1

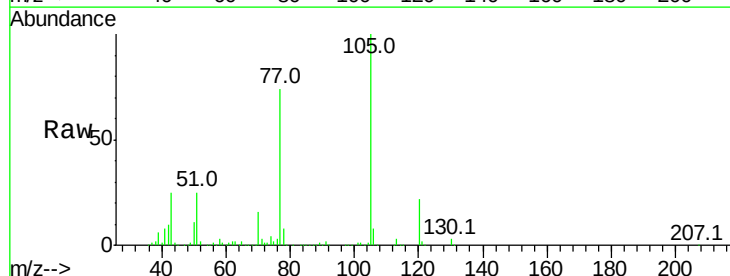


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

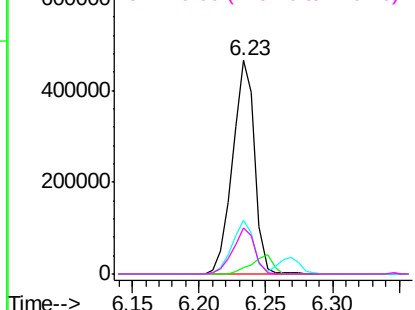
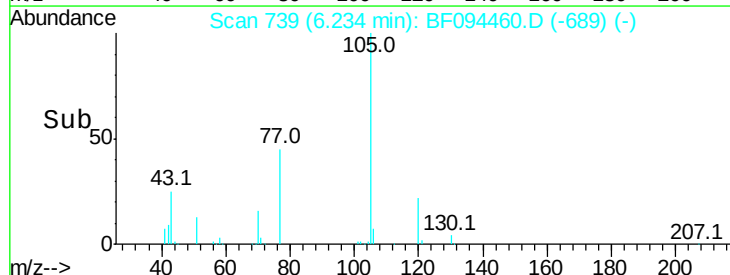


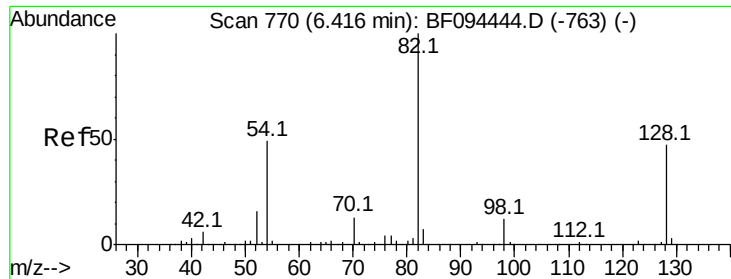
#22
Acetophenone
Concen: 36.16 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Tgt Ion:105	Resp:	538930
Ion Ratio	Lower	Upper
105	100	
71	2.9	2.8 4.2
51	25.0	30.7 46.1#
120	21.5	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

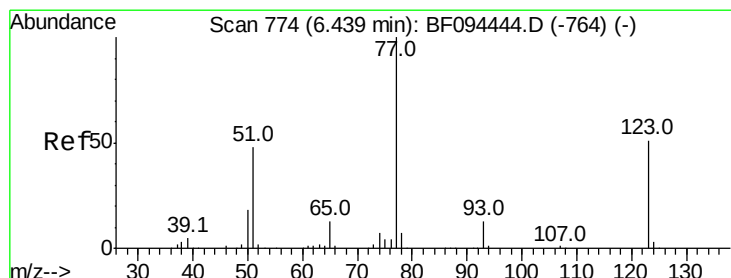
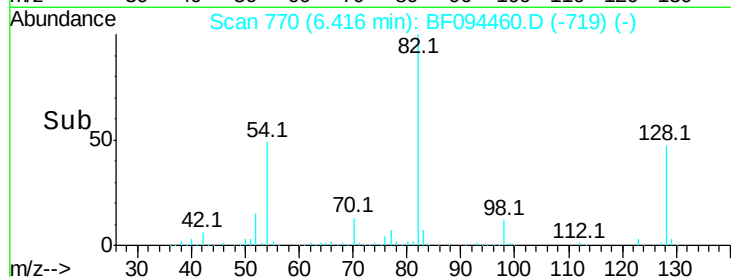
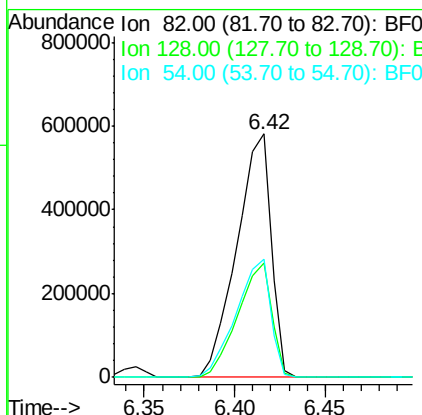
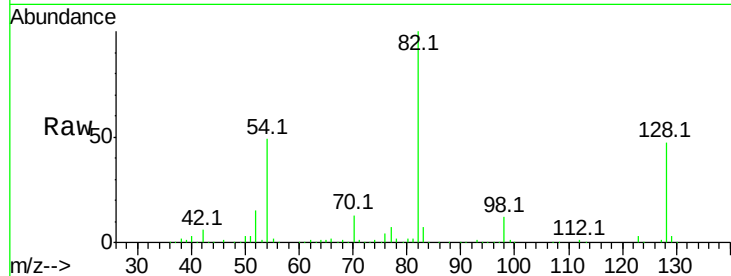




#23
 Nitrobenzene-d5
 Concen: 77.44 ng
 RT: 6.42 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

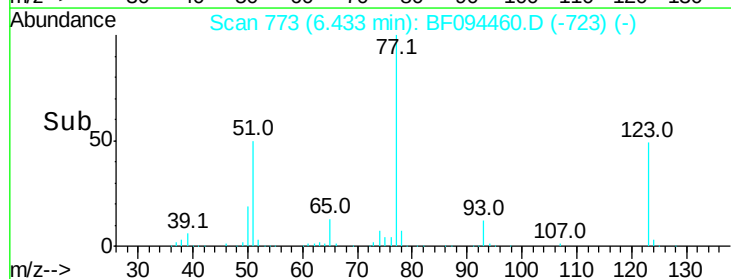
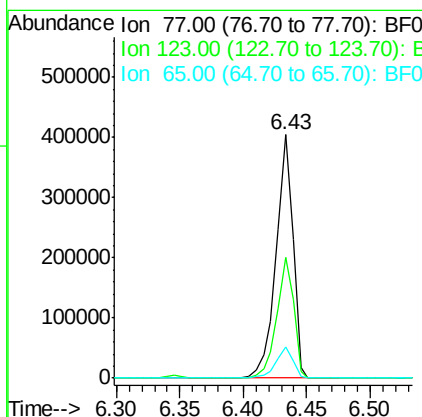
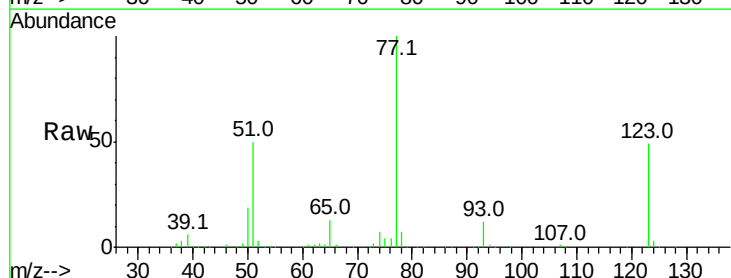
Instrument :
 BNA_F
 ClientSampleId :

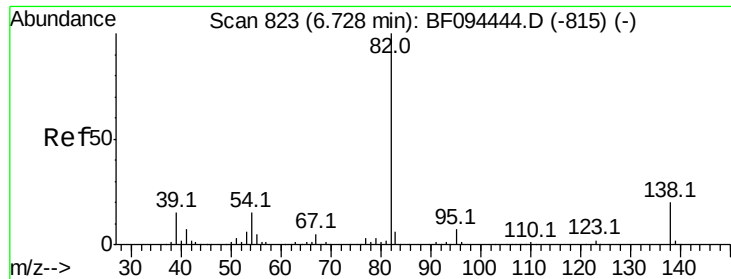
Tot Ion	82	Resp	768683
Ion Ratio	100	Lower	Upper
128	47.2	34.0	51.0
54	48.7	42.2	63.2



#24
 Nitrobenzene
 Concen: 35.71 ng
 RT: 6.43 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Tgt Ion	77	Resp	373249
Ion Ratio	100	Lower	Upper
123	49.4	35.8	53.8
65	12.7	10.6	15.8





#25

Isophorone

Concen: 37.53 ng

RT: 6.72 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

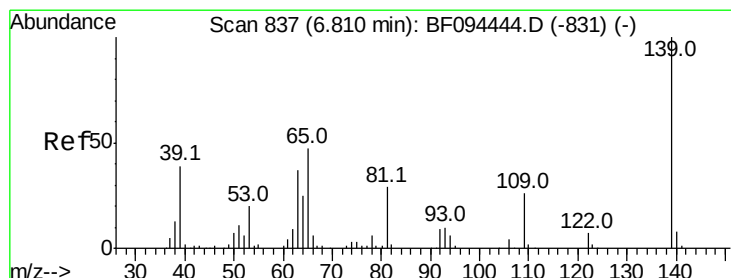
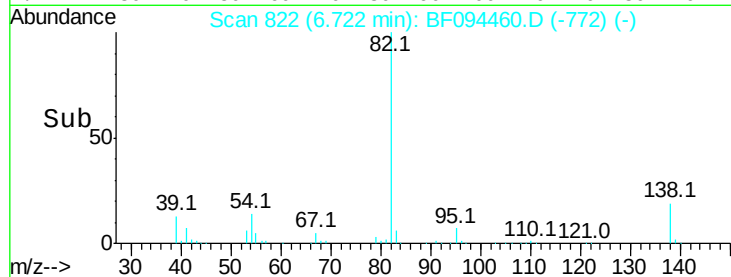
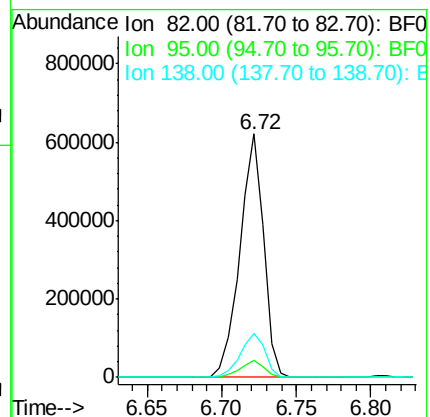
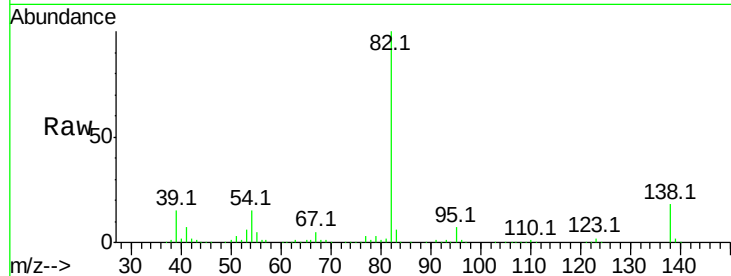
Tot Ion: 82 Resp: 690628

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 18.2 13.1 19.7



#26

2-Nitrophenol

Concen: 37.25 ng

RT: 6.81 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

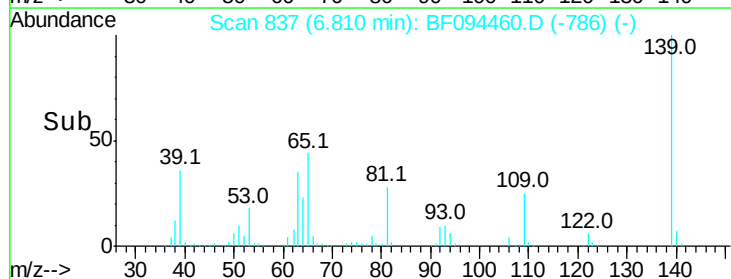
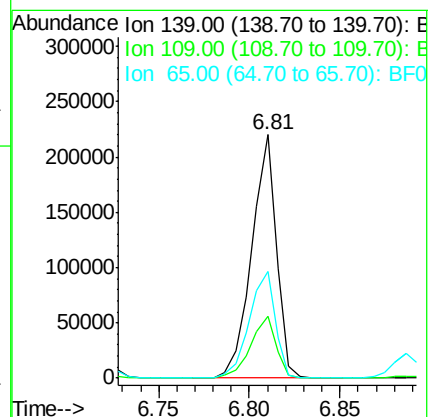
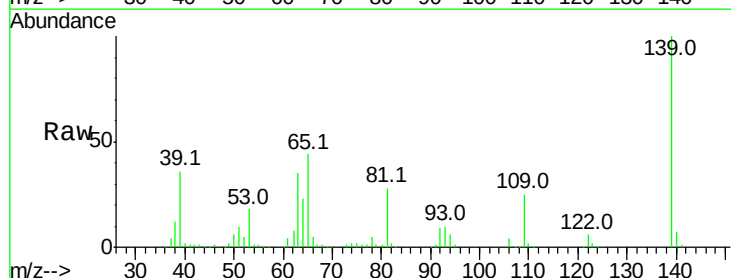
Tgt Ion: 139 Resp: 209192

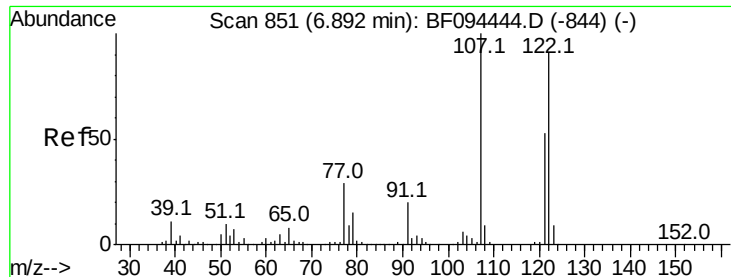
Ion Ratio Lower Upper

139 100

109 25.2 21.0 31.6

65 43.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 26.93 ng

RT: 6.89 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

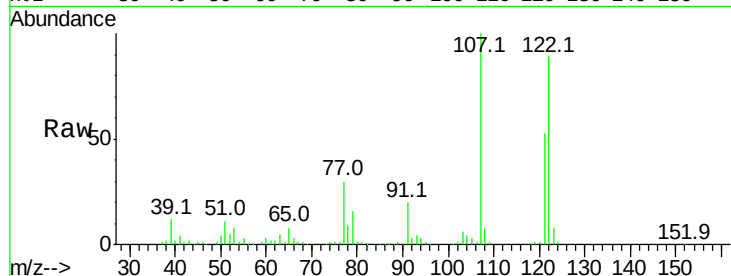
Tot Ion:122 Resp: 245707

Ion Ratio Lower Upper

122 100

107 112.9 89.2 133.8

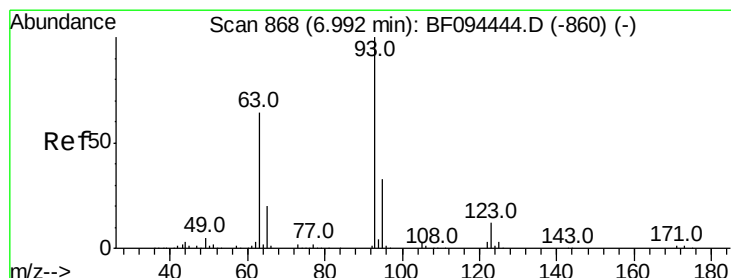
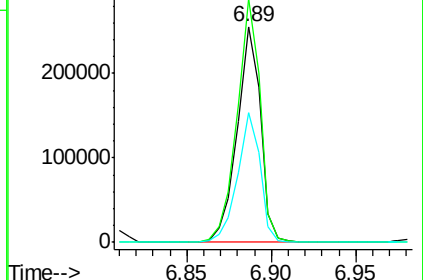
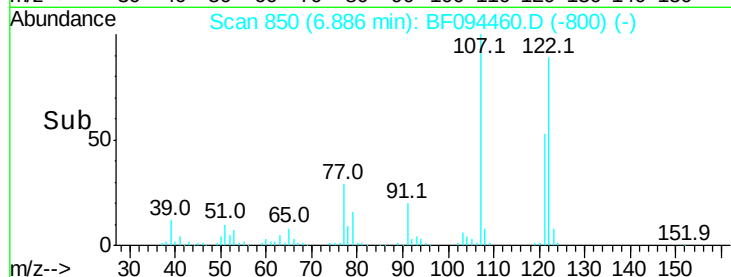
121 60.3 45.2 67.8



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: 37.88 ng

RT: 6.99 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

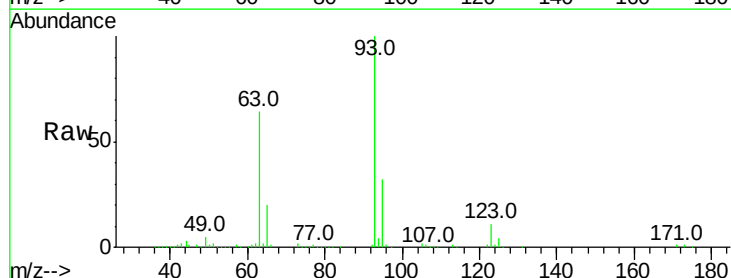
Tgt Ion: 93 Resp: 450911

Ion Ratio Lower Upper

93 100

95 31.7 26.5 39.7

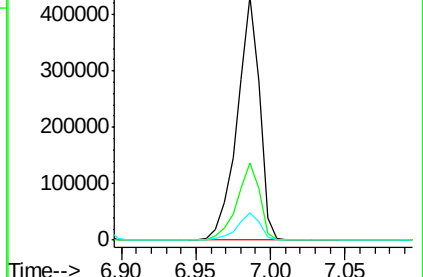
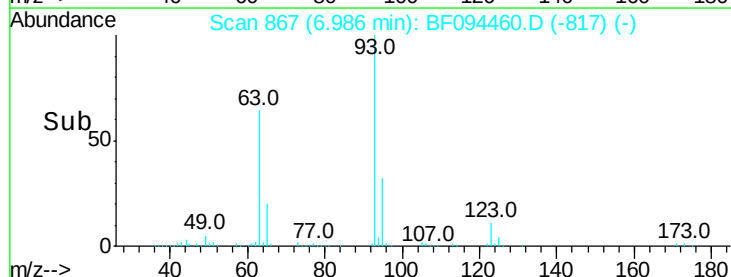
123 11.1 9.0 13.4

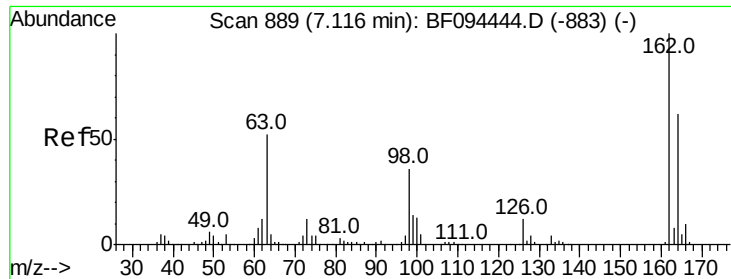


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

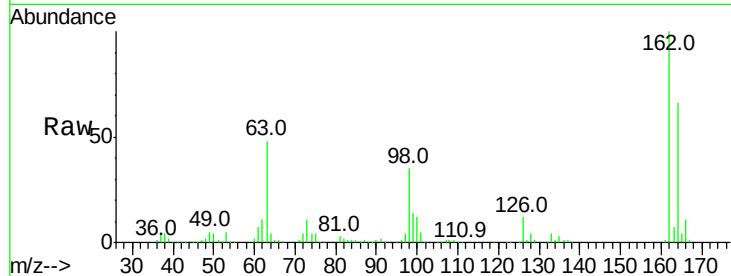




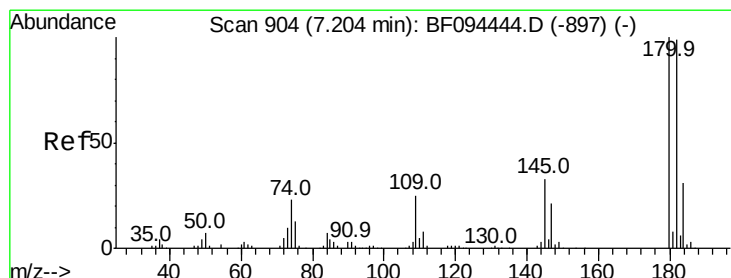
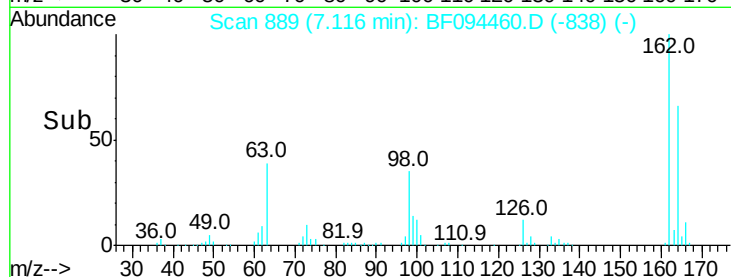
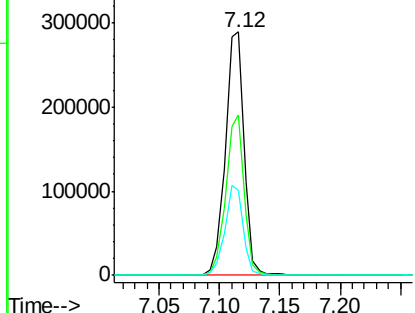
#29
 2,4-Dichlorophenol
 Concen: 36.69 ng
 RT: 7.12 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	311358
Ion	Ratio	Lower	Upper
162	100		
164	66.1	44.6	84.6
98	34.9	14.8	54.8

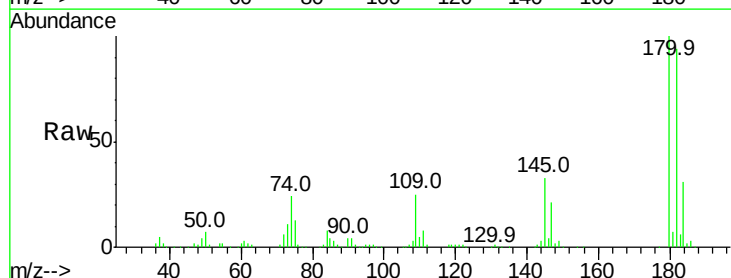


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

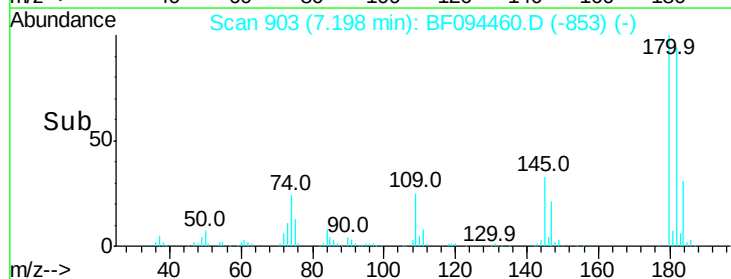
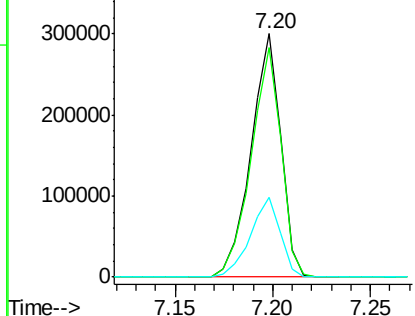


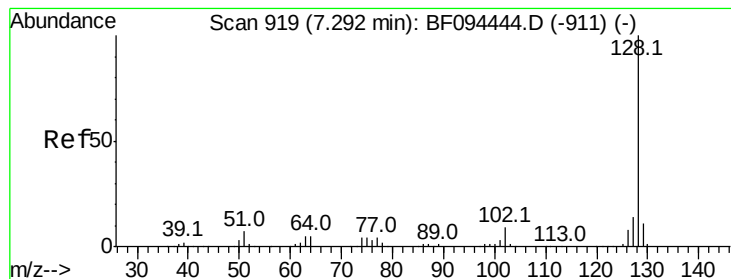
#30
 1,2,4-Trichlorobenzene
 Concen: 36.14 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Tgt Ion:	180	Resp:	317089
Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.8	113.6
145	32.9	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.09 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

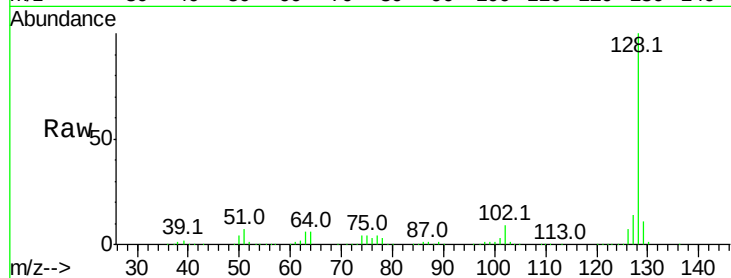
Tot Ion:128 Resp: 1063474

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

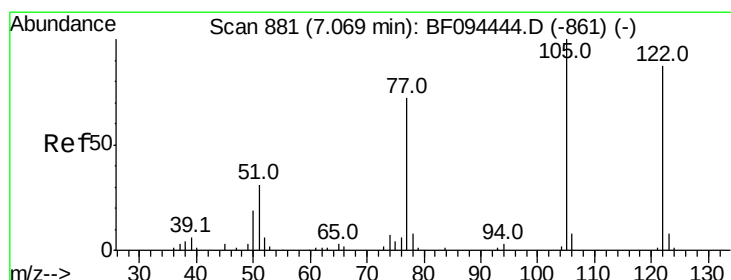
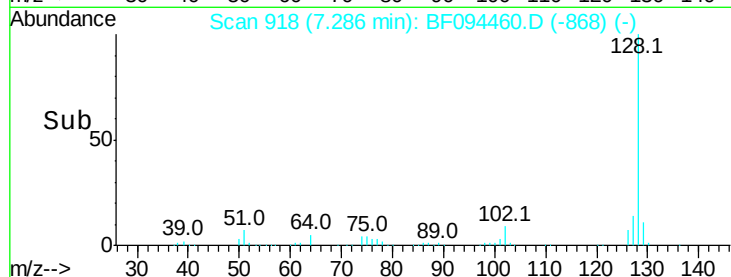
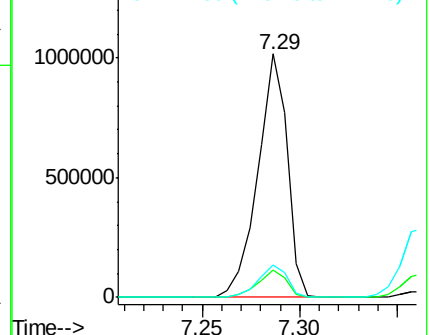
127 13.6 10.8 16.2



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: 6.83 ng

RT: 7.01 min Scan# 871

Delta R.T. -0.06 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

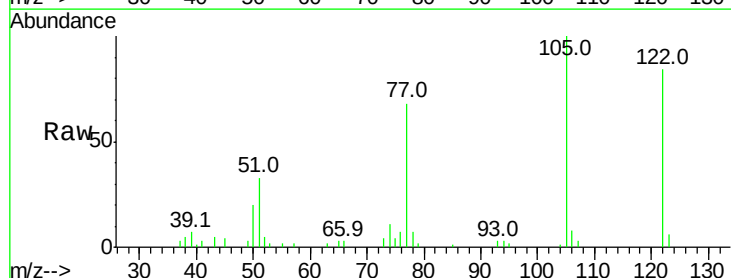
Tgt Ion:122 Resp: 32964

Ion Ratio Lower Upper

122 100

105 118.8 103.3 143.3

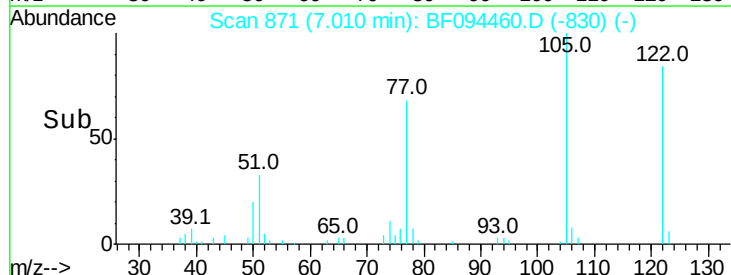
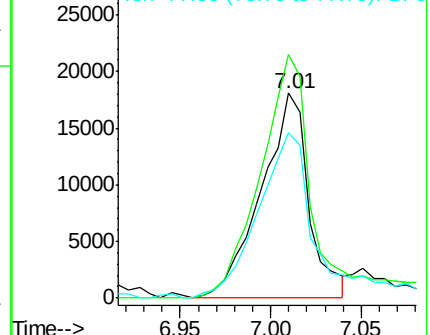
77 80.8 73.7 113.7

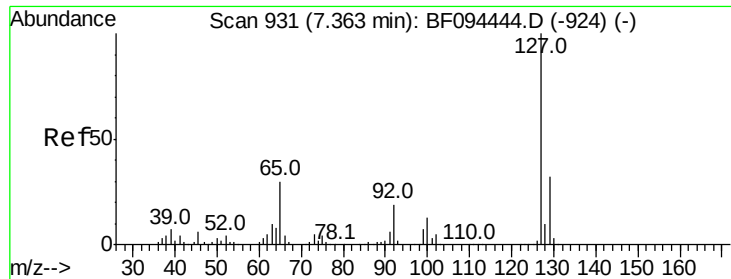


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

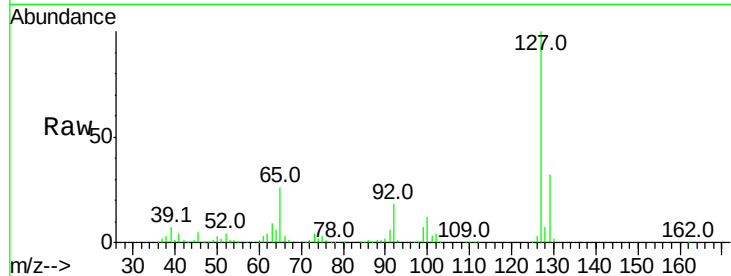




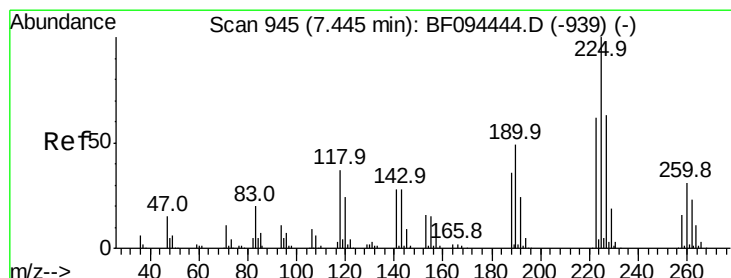
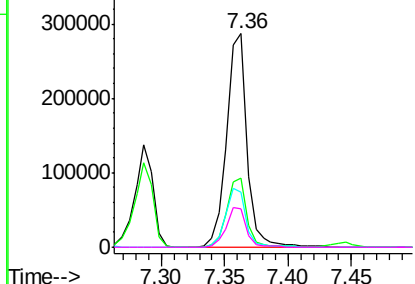
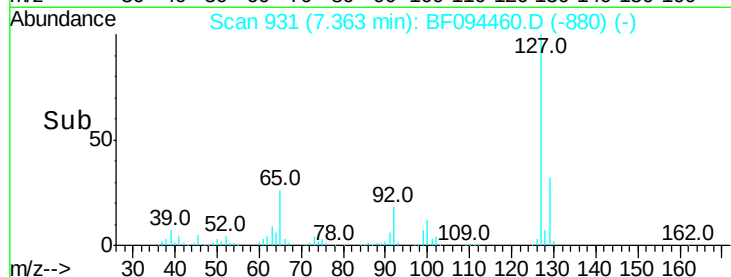
#33
 4-Chloroaniline
 Concen: 26.12 ng
 RT: 7.36 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	127	Resp:	320147
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	25.8	27.8	41.8#
92	18.1	16.8	25.2

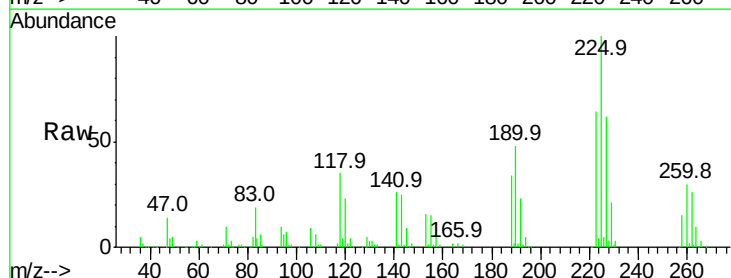


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

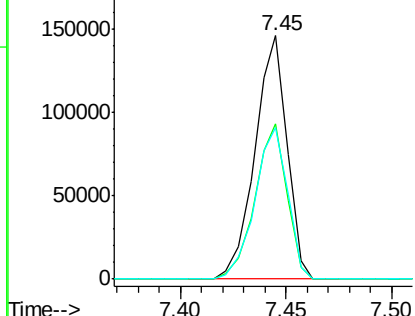
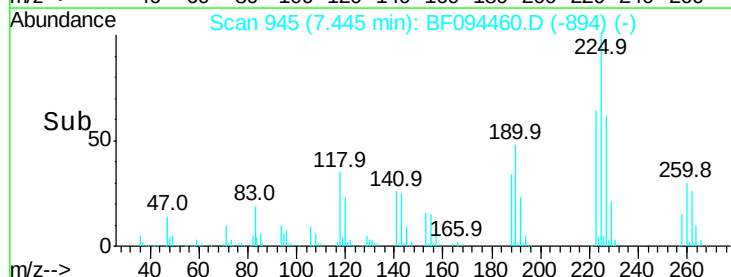


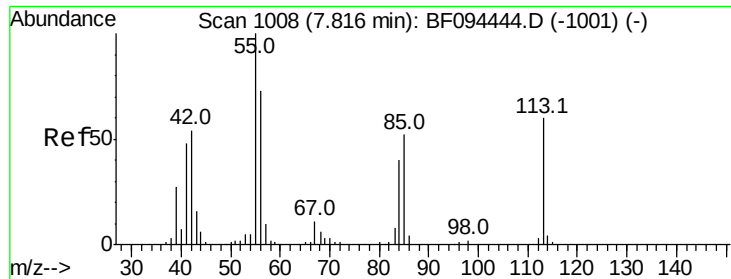
#34
 Hexachlorobutadiene
 Concen: 35.28 ng
 RT: 7.45 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Tgt Ion:	225	Resp:	154324
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.8	73.2
227	62.1	51.1	76.7



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

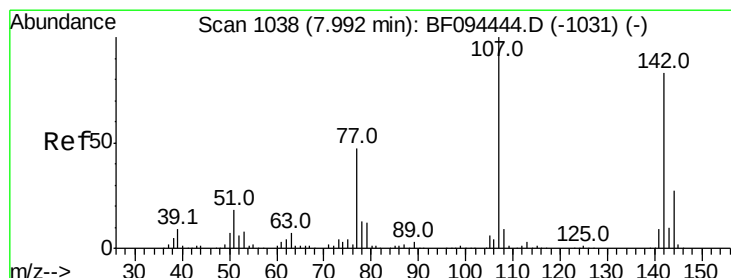
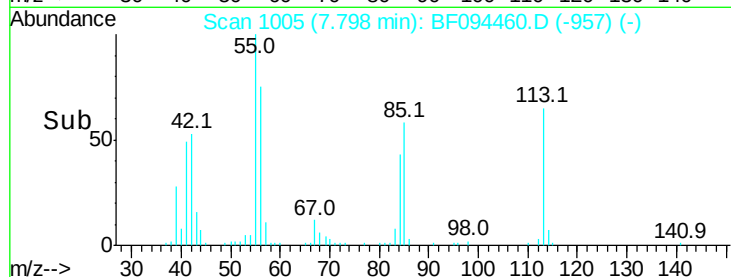
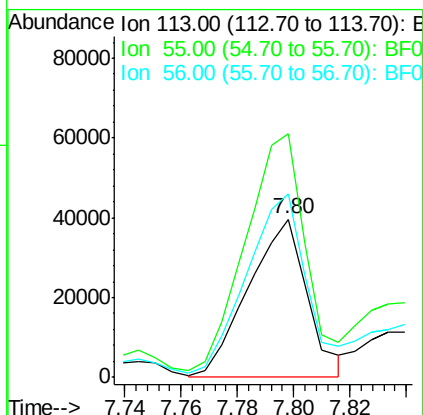
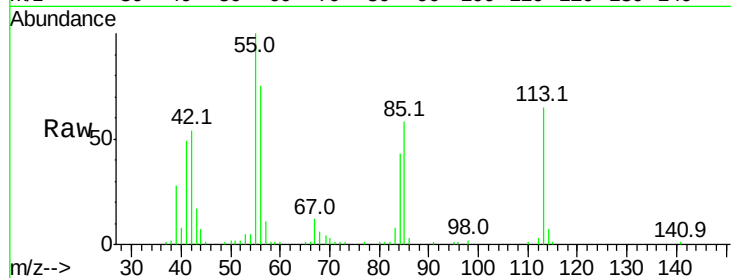




#35
 Caprolactam
 Concen: 21.43 ng
 RT: 7.80 min Scan# 1005
 Delta R.T. -0.02 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

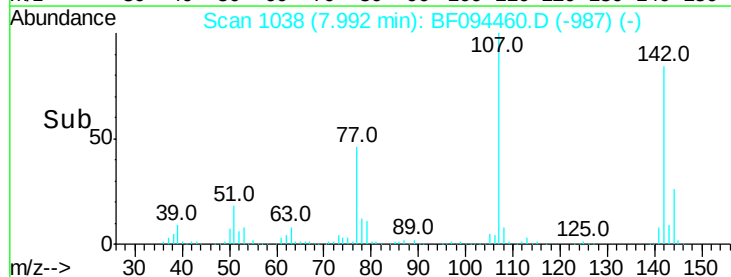
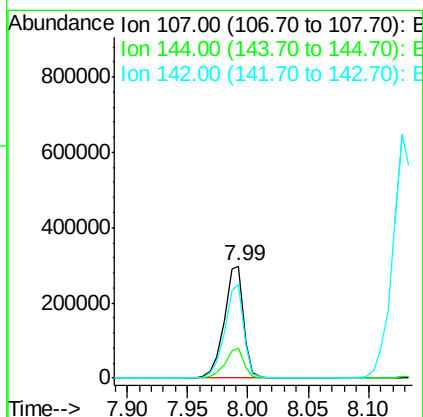
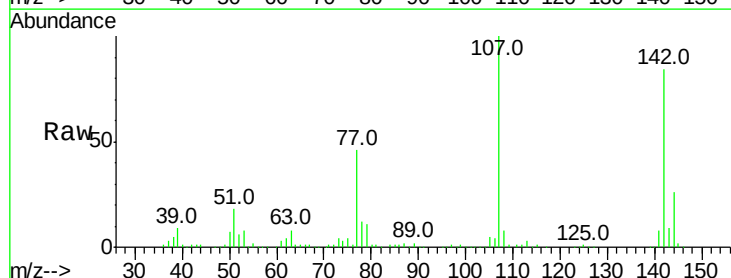
Instrument :
 BNA_F
 ClientSampleId :

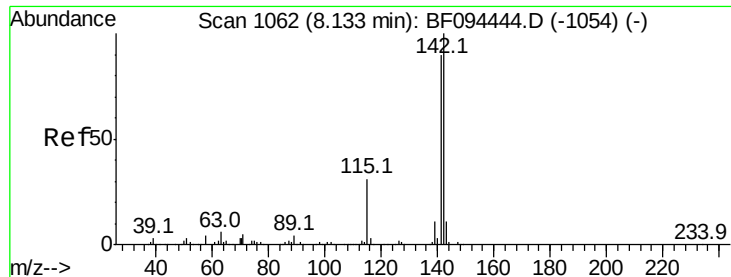
Tot Ion:113 Resp: 57126
 Ion Ratio Lower Upper
 113 100
 55 153.9 150.2 190.2
 56 116.1 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 37.19 ng
 RT: 7.99 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Tgt Ion:107 Resp: 330738
 Ion Ratio Lower Upper
 107 100
 144 26.1 24.2 36.4
 142 84.0 73.4 110.0

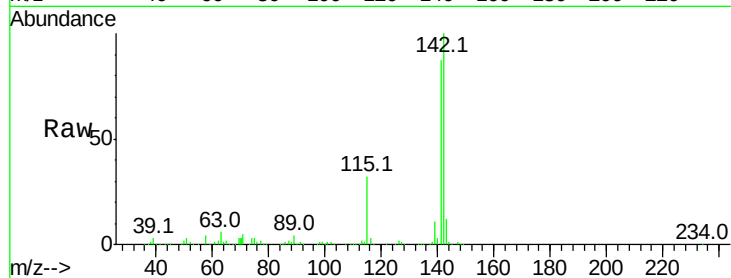




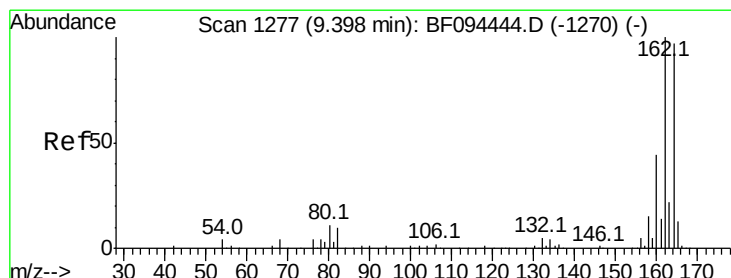
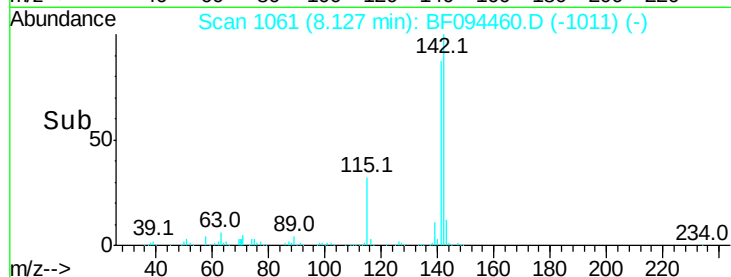
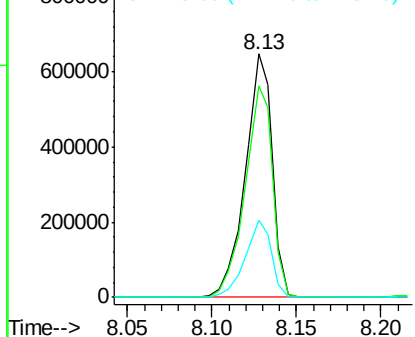
#37
 2-Methylnaphthalene
 Concen: 35.74 ng
 RT: 8.13 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 720552
 Ion Ratio Lower Upper
 142 100
 141 87.0 71.3 106.9
 115 31.6 27.1 40.7

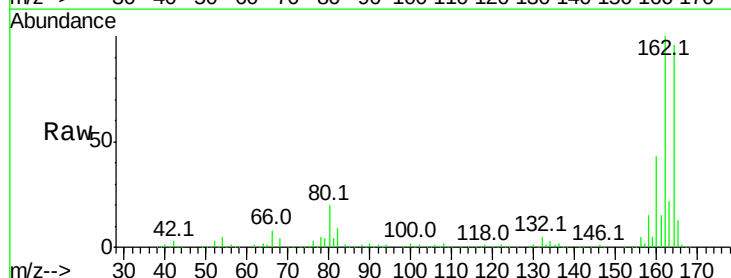


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

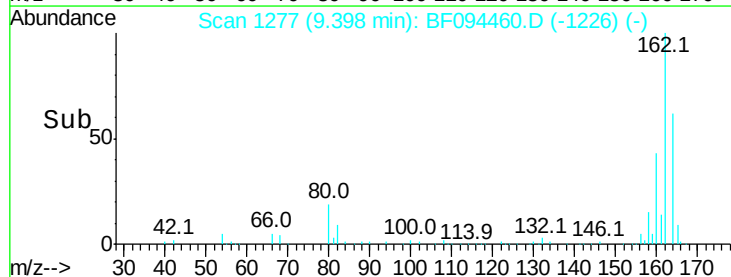
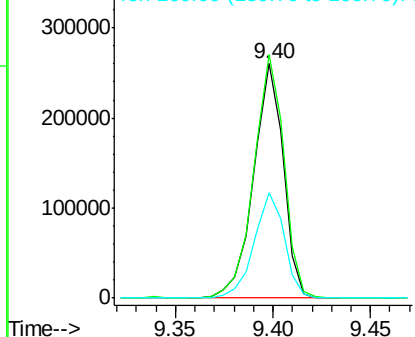


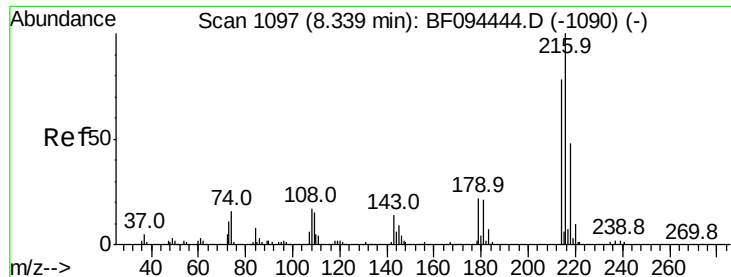
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Tgt Ion:164 Resp: 273809
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.6 123.8
 160 44.8 36.2 54.2



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

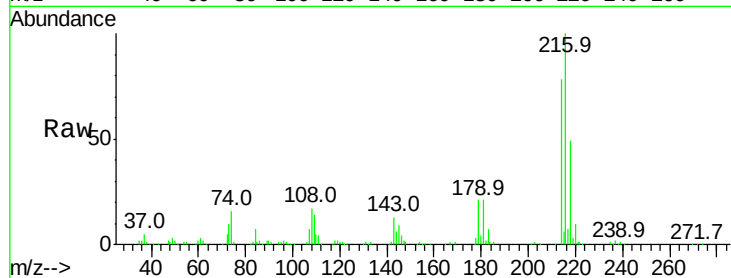




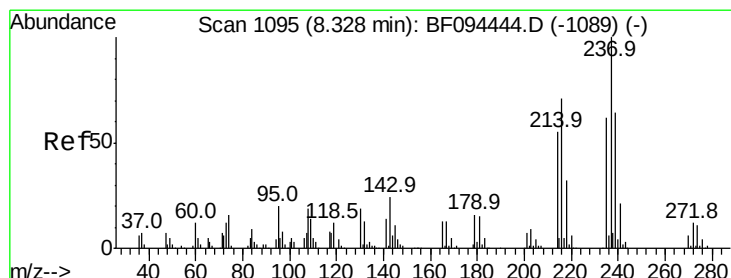
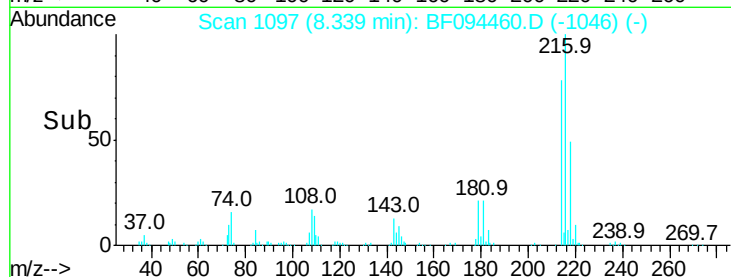
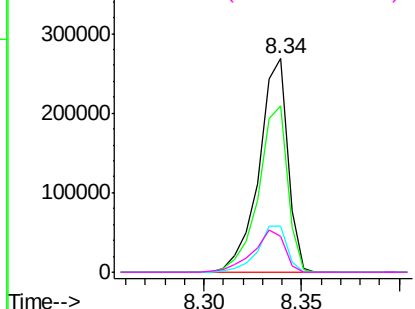
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.38 ng
 RT: 8.34 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	275870
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.2
179	22.4	17.9	26.9
108	21.9	16.5	24.7

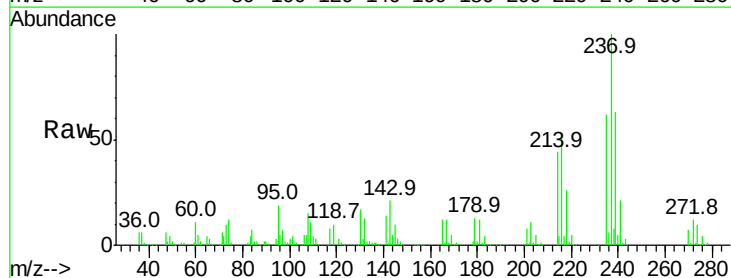


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

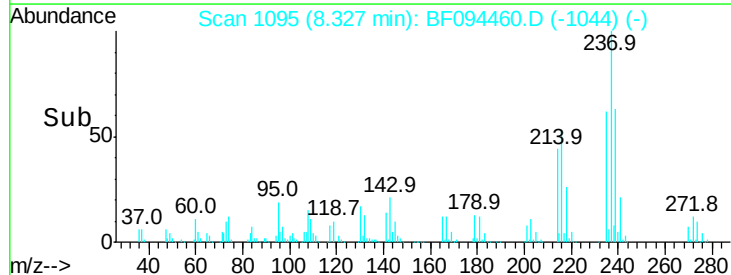
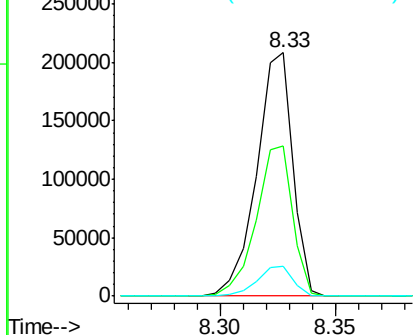


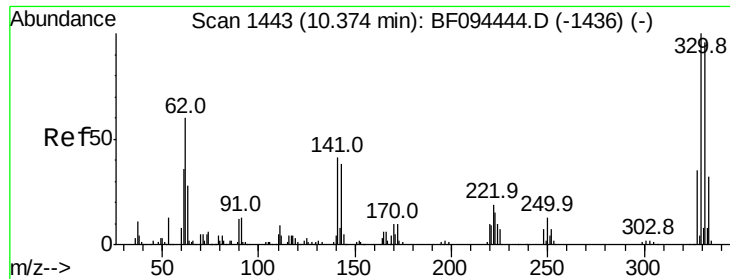
#40
 Hexachlorocyclopentadiene
 Concen: 72.06 ng
 RT: 8.33 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Tgt Ion:	237	Resp:	227279
Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.6	82.6
272	12.3	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

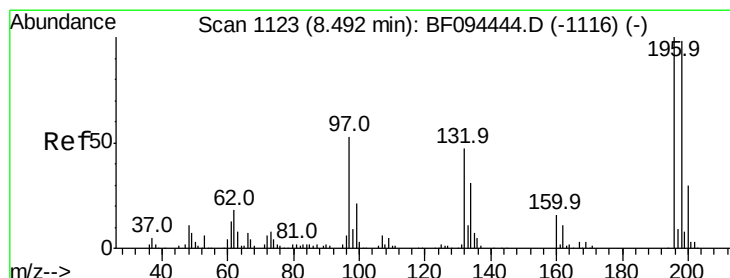
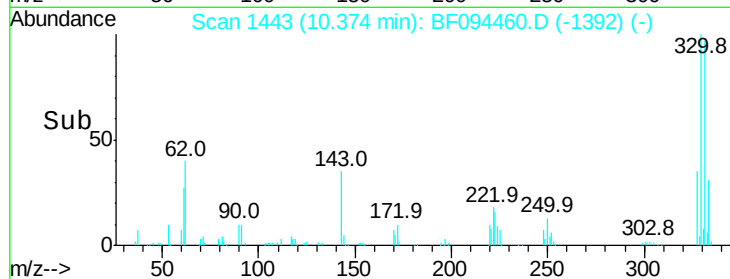
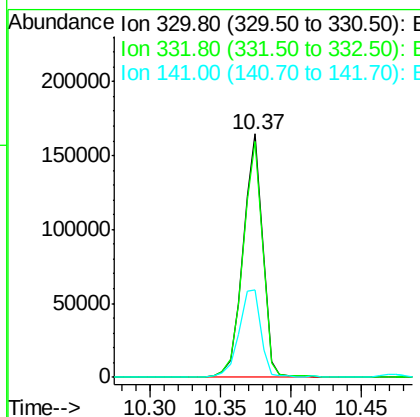
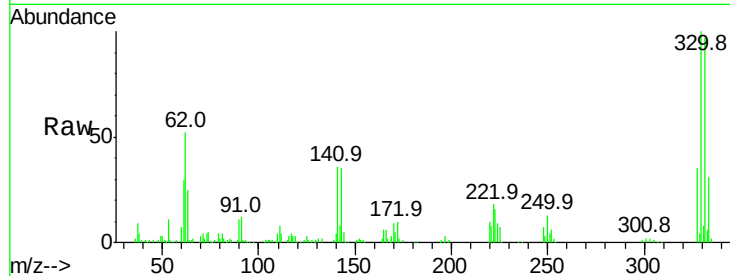




#41
 2,4,6-Tribromophenol
 Concen: 74.64 ng
 RT: 10.37 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

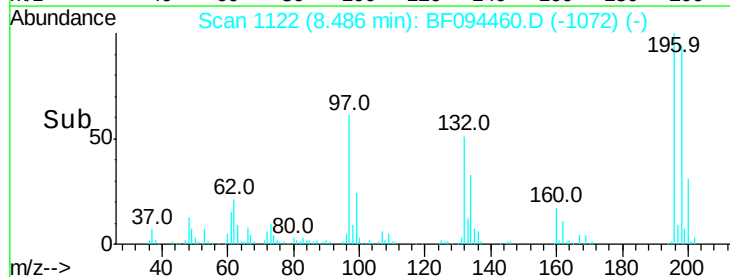
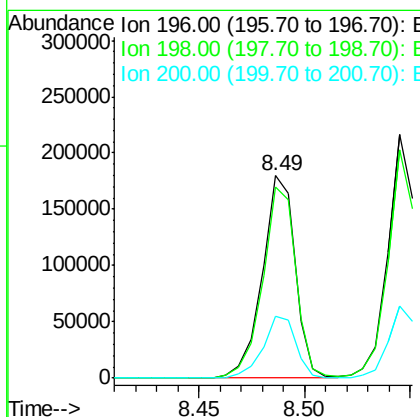
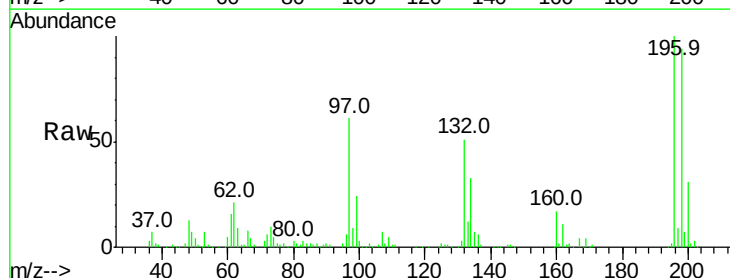
Instrument :
 BNA_F
 ClientSampleId :

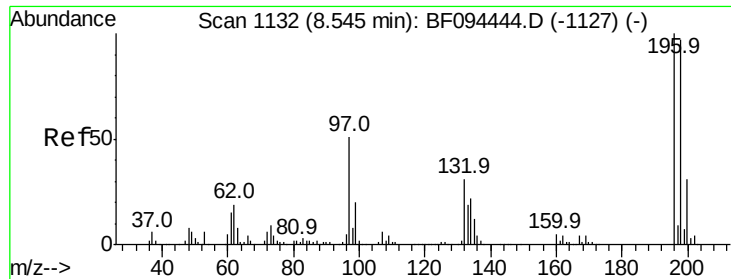
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	40.7	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 35.84 ng
 RT: 8.49 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.2	111.4
200	30.6	24.0	36.0

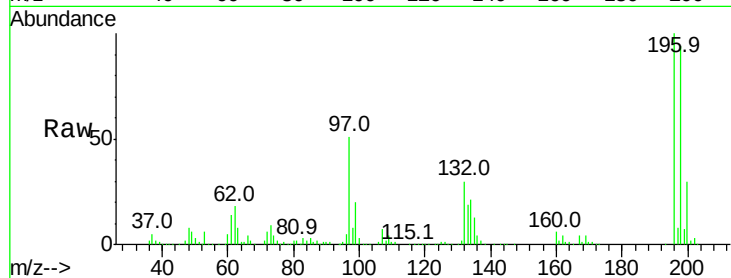




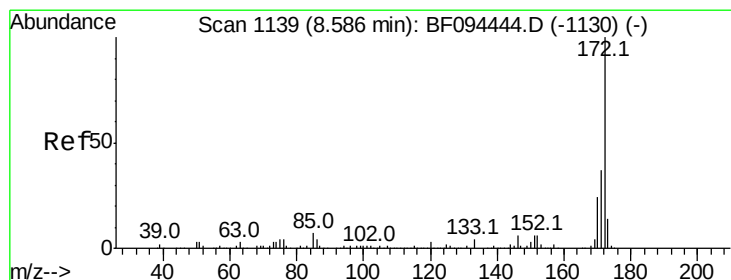
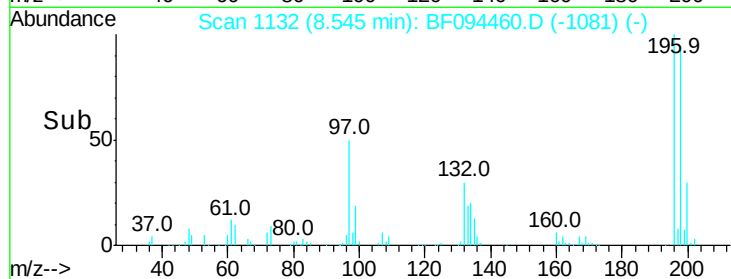
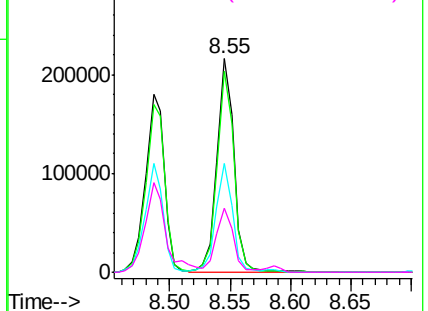
#43
 2,4,5-Trichlorophenol
 Concen: 36.84 ng
 RT: 8.55 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 207153
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.7 113.5
 97 50.9 47.7 71.5
 132 30.3 28.0 42.0

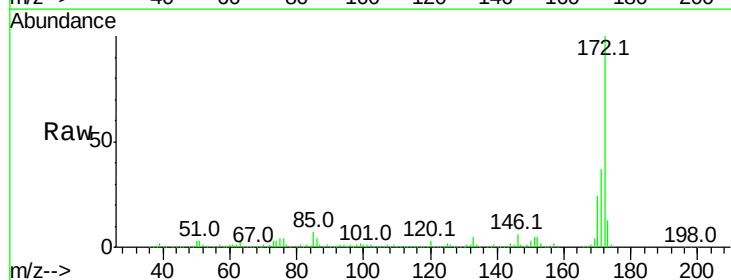


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

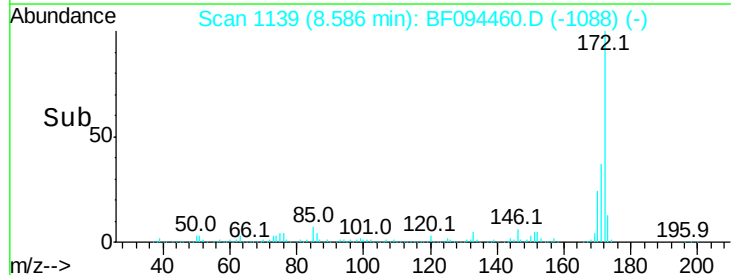
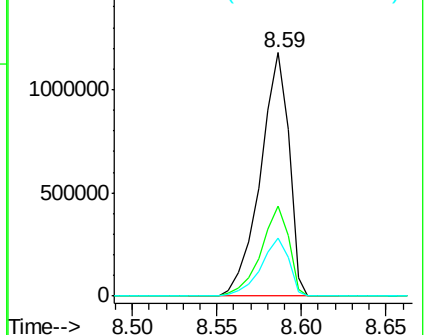


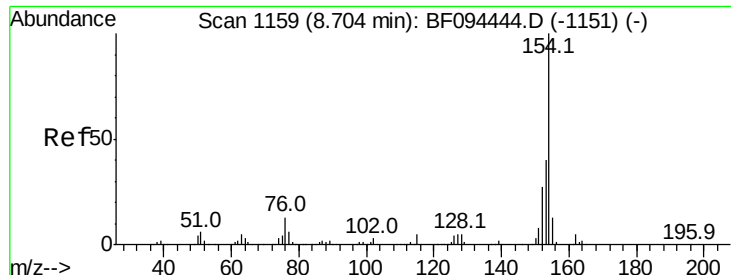
#44
 2-Fluorobiphenyl
 Concen: 74.33 ng
 RT: 8.59 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Tgt Ion:172 Resp: 1383203
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.7 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: 36.38 ng

RT: 8.70 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

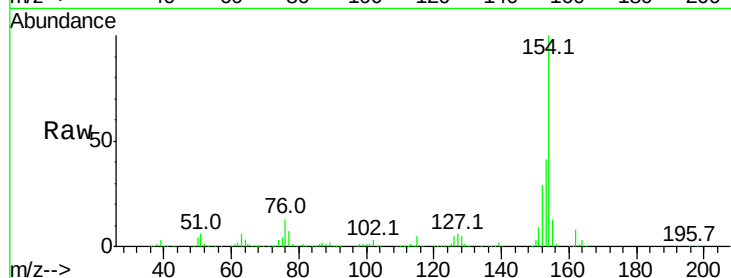
Tot Ion:154 Resp: 813828

Ion Ratio Lower Upper

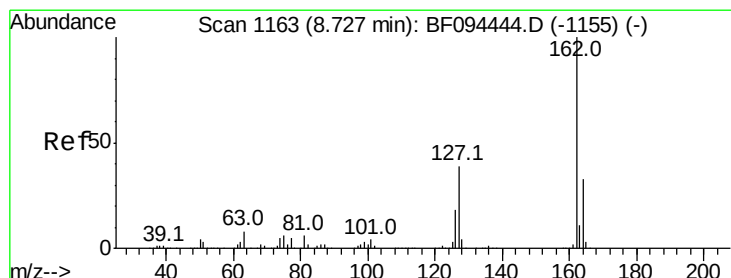
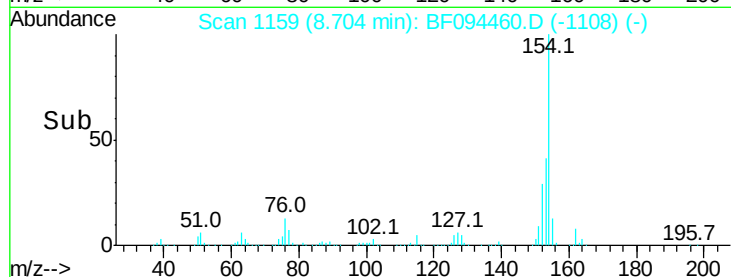
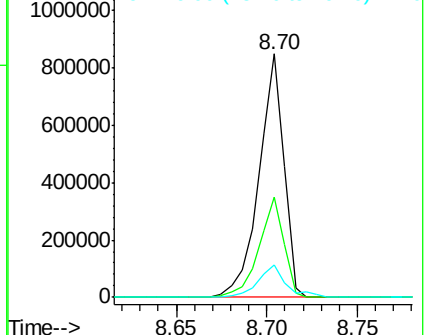
154 100

153 41.2 21.2 61.2

76 13.4 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): BF0



#46

2-Chloronaphthalene

Concen: 36.44 ng

RT: 8.72 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

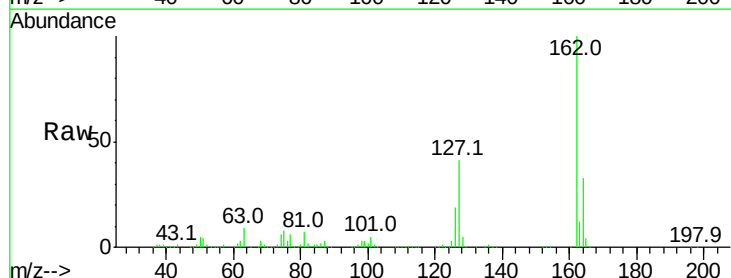
Tgt Ion:162 Resp: 648145

Ion Ratio Lower Upper

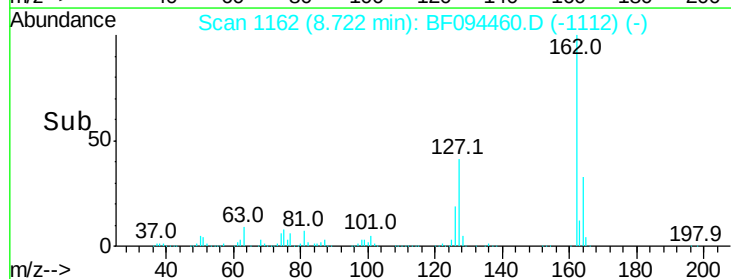
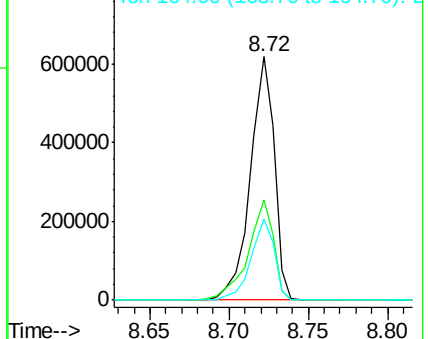
162 100

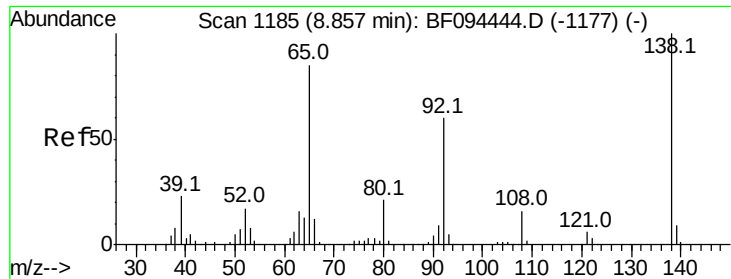
127 41.0 28.3 42.5

164 33.1 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

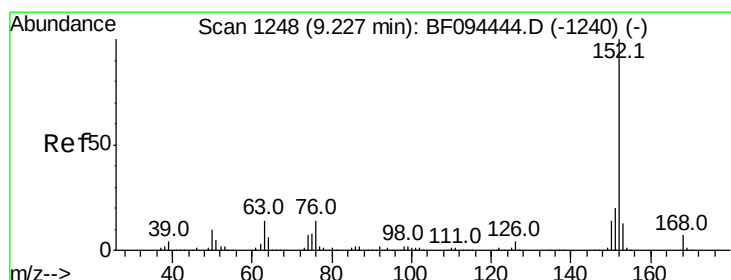
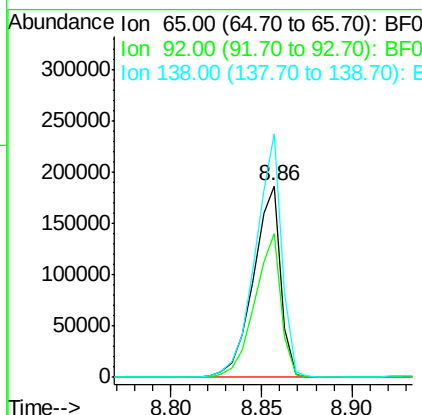
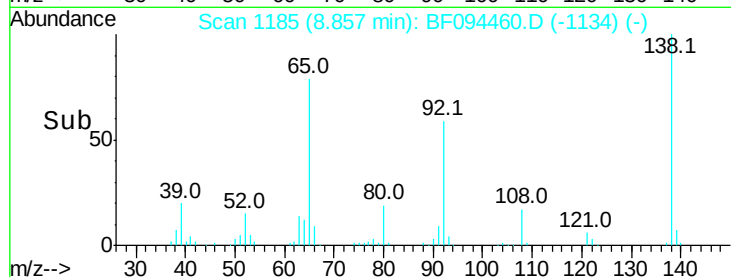
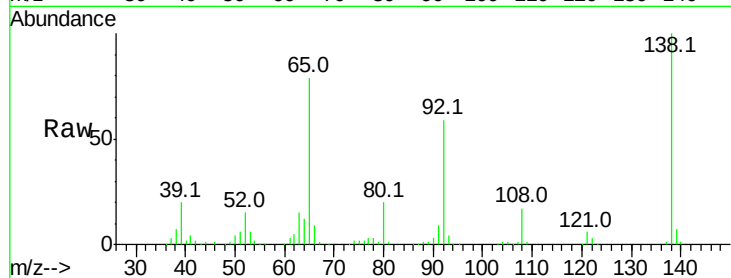




#47
 2-Nitroaniline
 Concen: 38.22 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

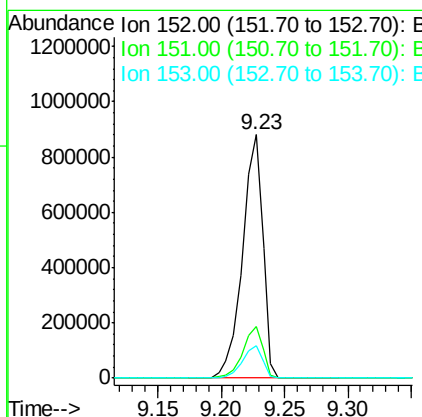
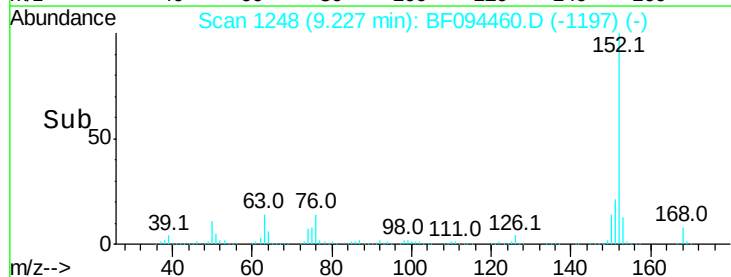
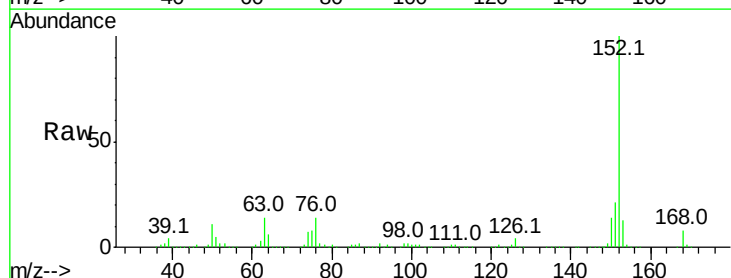
Instrument :
 BNA_F
 ClientSampleId :

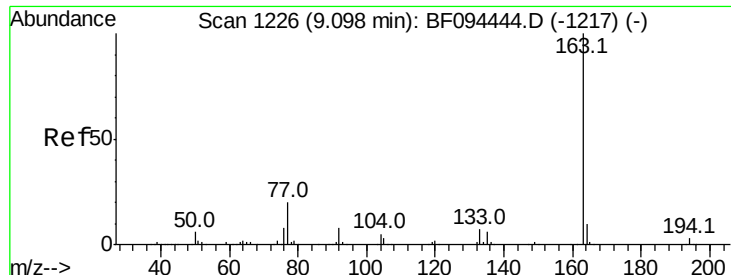
Tot Ion: 65 Resp: 195567
 Ion Ratio Lower Upper
 65 100
 92 75.0 53.9 80.9
 138 127.1 78.8 118.2#



#48
 Acenaphthylene
 Concen: 35.17 ng
 RT: 9.23 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Tgt Ion:152 Resp: 975175
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.8 25.2
 153 13.4 10.8 16.2

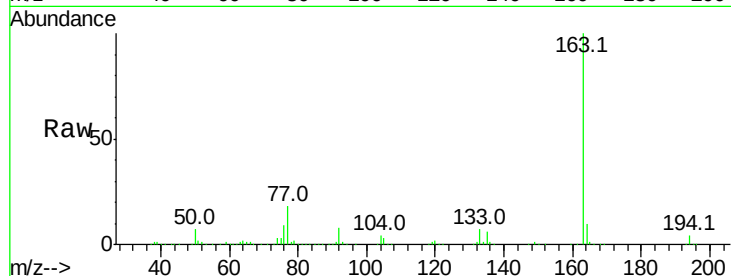




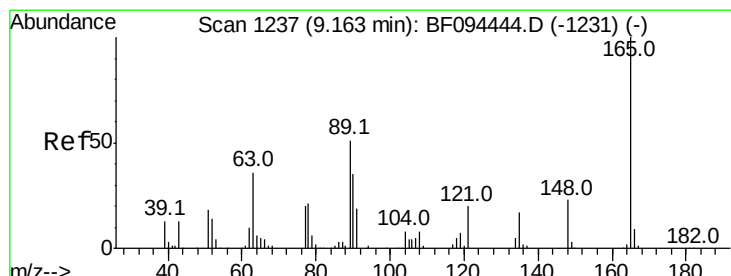
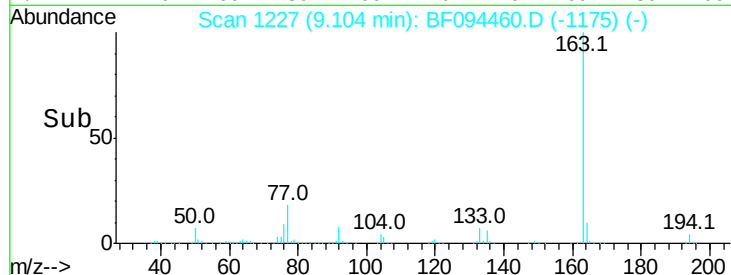
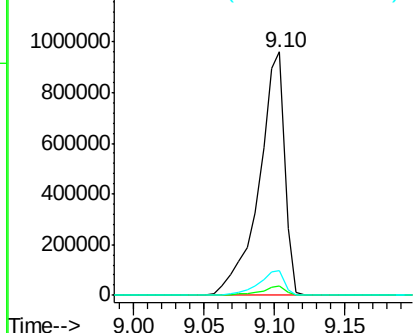
#49
Dimethylphthalate
Concen: 60.26 ng
RT: 9.10 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1229617
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.1 8.4 12.6

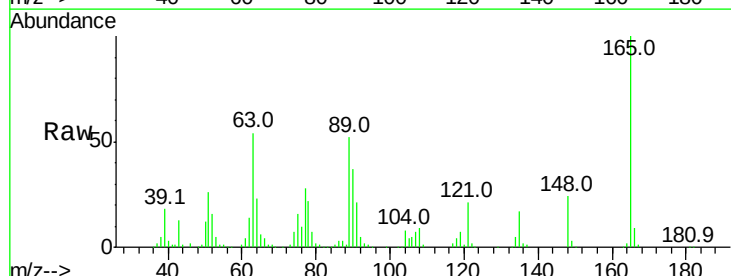


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

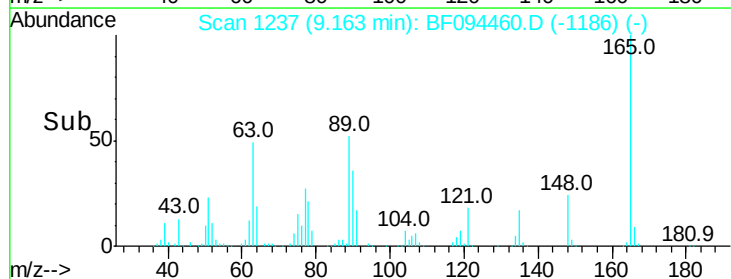
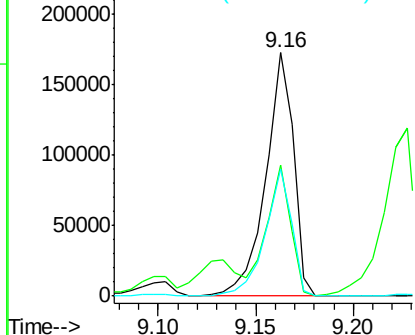


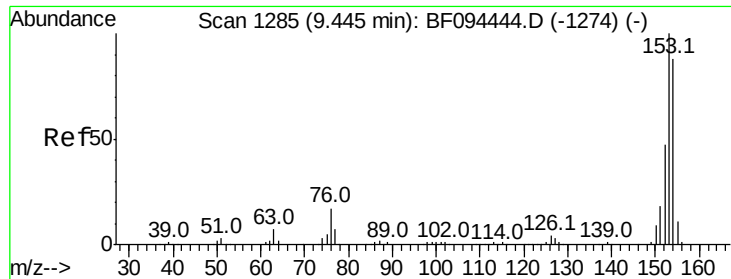
#50
2,6-Dinitrotoluene
Concen: 37.45 ng
RT: 9.16 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Tgt Ion:165 Resp: 171520
Ion Ratio Lower Upper
165 100
63 53.7 34.3 51.5#
89 52.2 37.1 55.7



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





#51

Acenaphthene

Concen: 36.00 ng

RT: 9.44 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

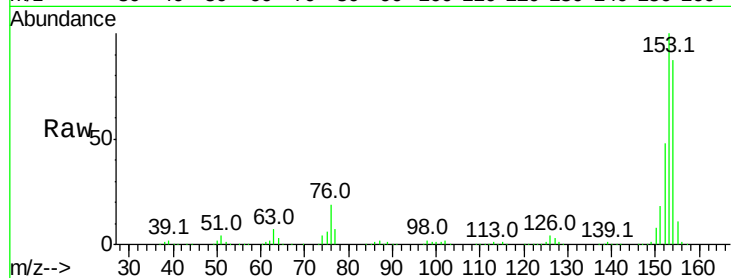
Tot Ion:154 Resp: 597987

Ion Ratio Lower Upper

154 100

153 114.6 90.5 135.7

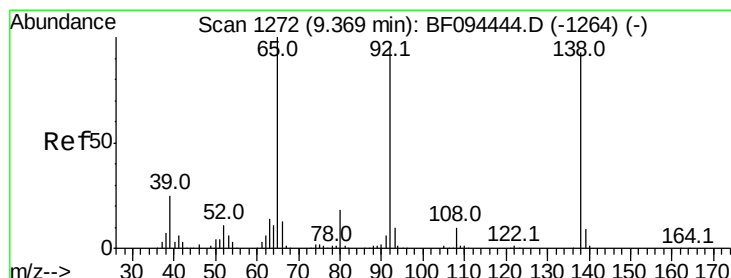
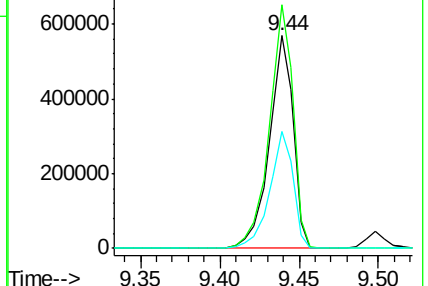
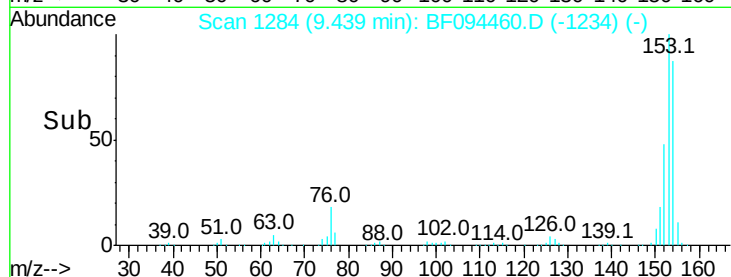
152 54.7 43.6 65.4



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: 31.28 ng

RT: 9.36 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

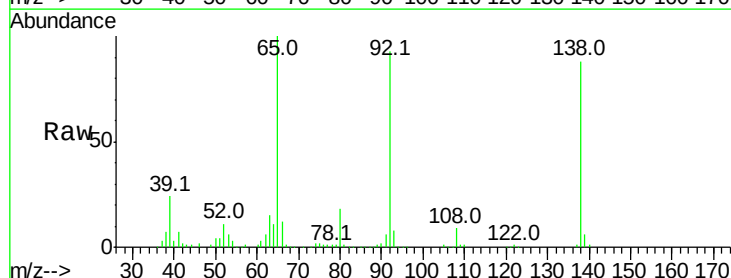
Tgt Ion:138 Resp: 165754

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

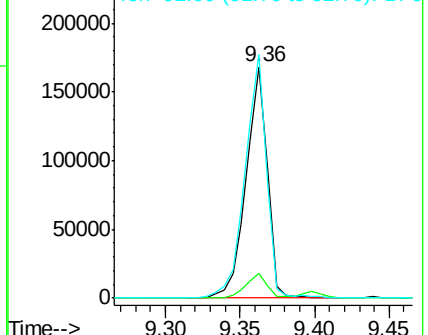
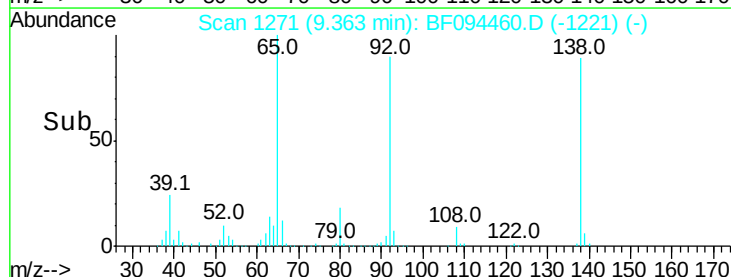
92 105.2 93.8 140.6

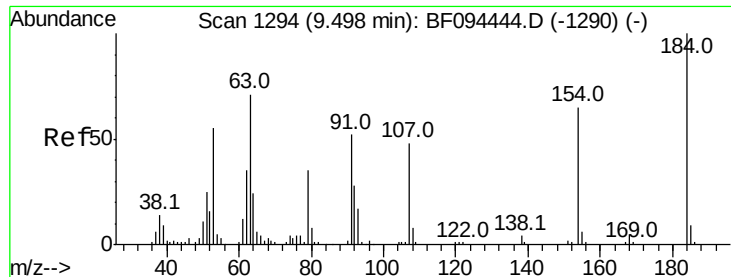


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

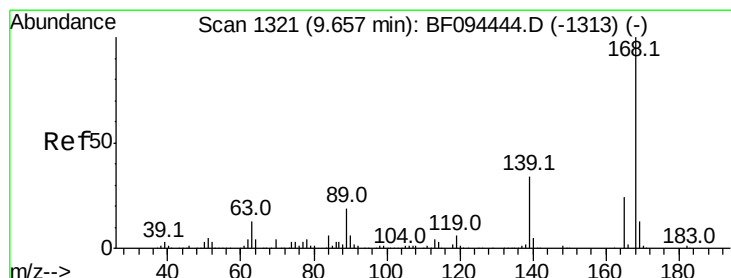
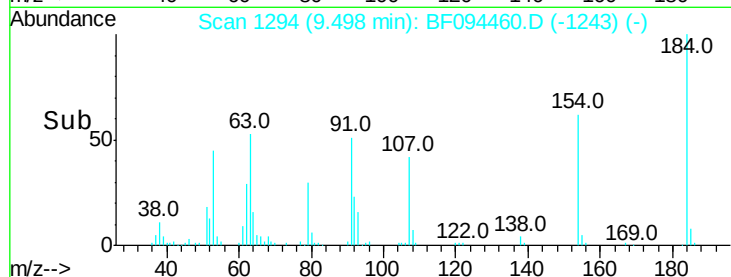
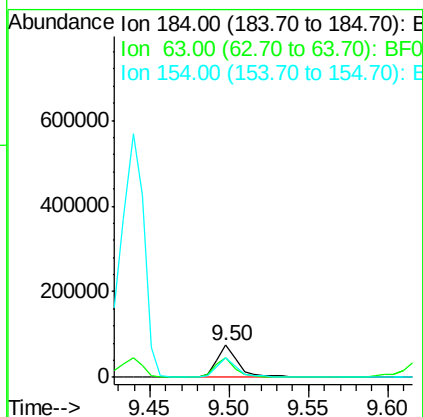
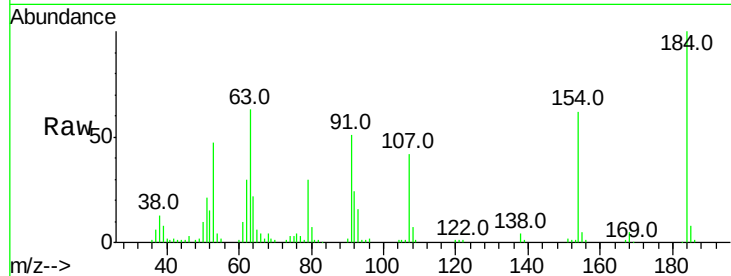




#53
 2,4-Dinitrophenol
 Concen: 32.59 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

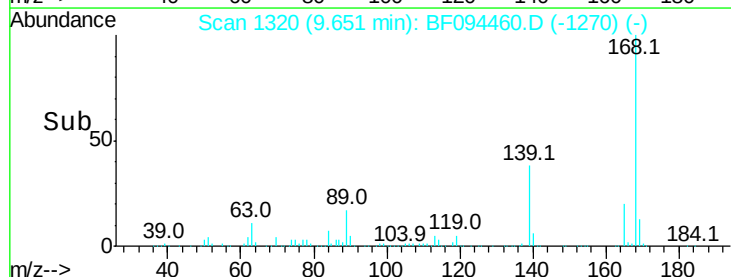
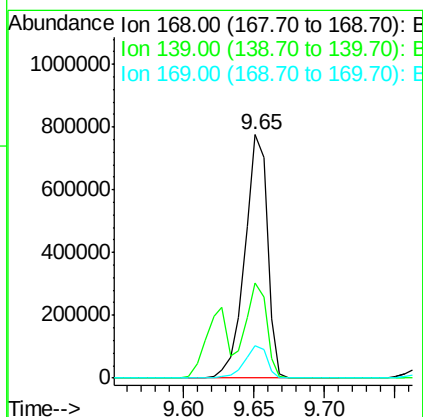
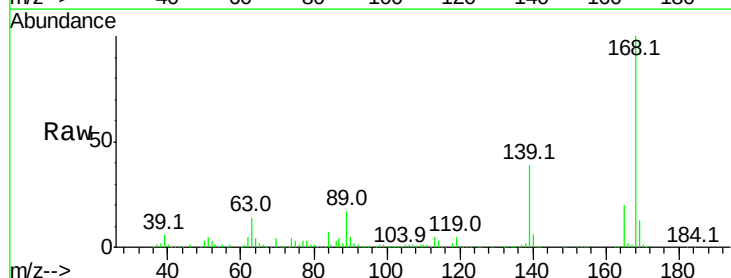
Instrument :
 BNA_F
 ClientSampleId :

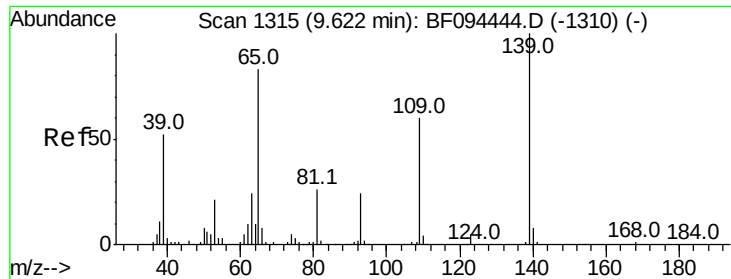
Tot Ion:184 Resp: 71868
 Ion Ratio Lower Upper
 184 100
 63 63.4 62.7 94.1
 154 61.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 35.90 ng
 RT: 9.65 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Tgt Ion:168 Resp: 866622
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.6 45.8
 169 13.4 10.8 16.2

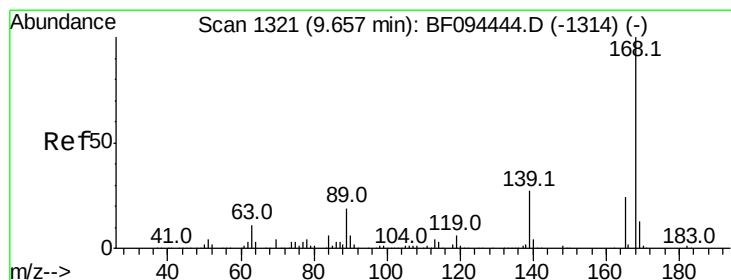
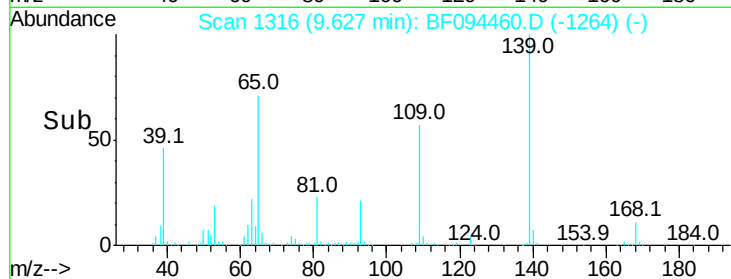
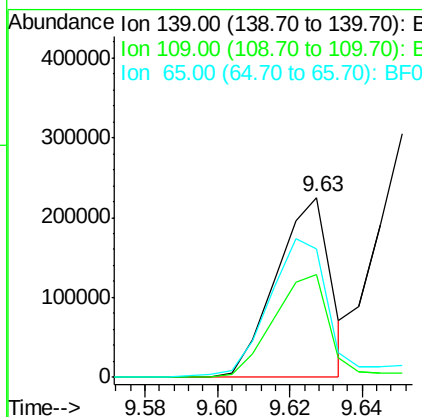
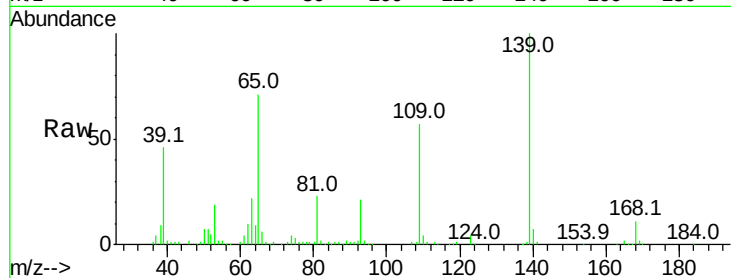




#55
4-Nitrophenol
Concen: 62.56 ng
RT: 9.63 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

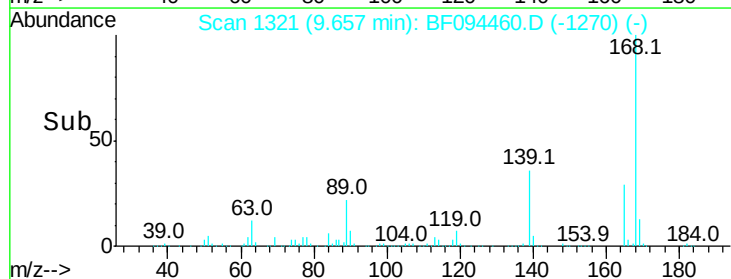
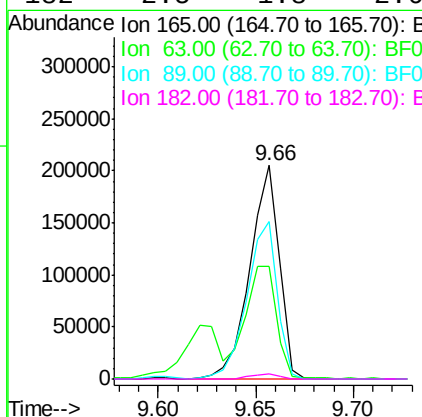
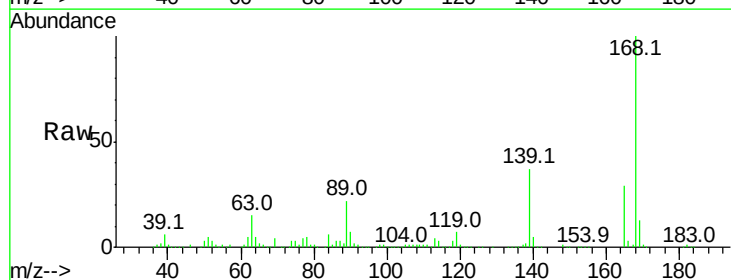
Instrument :
BNA_F
ClientSampleId :

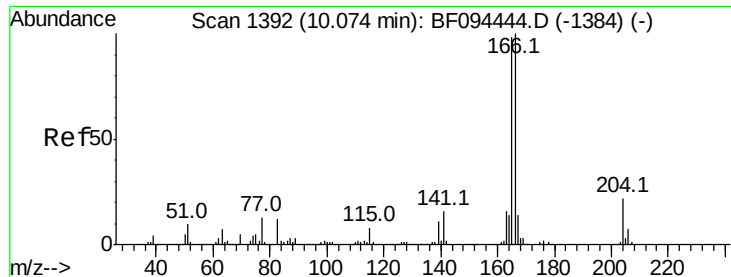
Tot Ion:139 Resp: 234214
Ion Ratio Lower Upper
139 100
109 56.9 34.1 74.1
65 71.2 31.4 71.4



#56
2,4-Dinitrotoluene
Concen: 38.13 ng
RT: 9.66 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Tgt Ion:165 Resp: 214292
Ion Ratio Lower Upper
165 100
63 52.6 25.4 38.0#
89 74.0 46.4 69.6#
182 2.5 1.8 2.6





#57

Fluorene

Concen: 36.18 ng

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

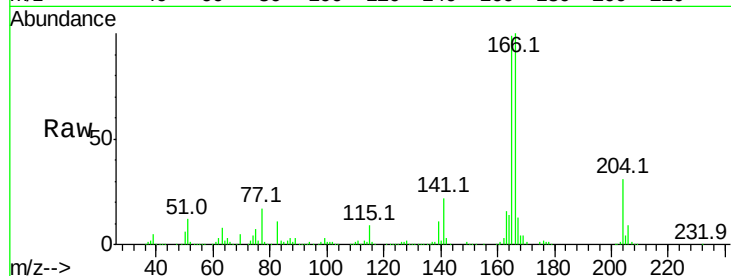
Tot Ion:166 Resp: 680014

Ion Ratio Lower Upper

166 100

165 98.7 78.8 118.2

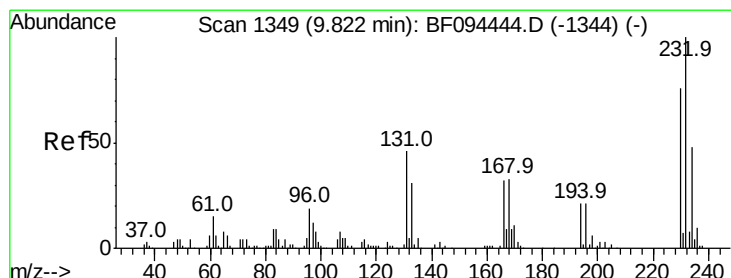
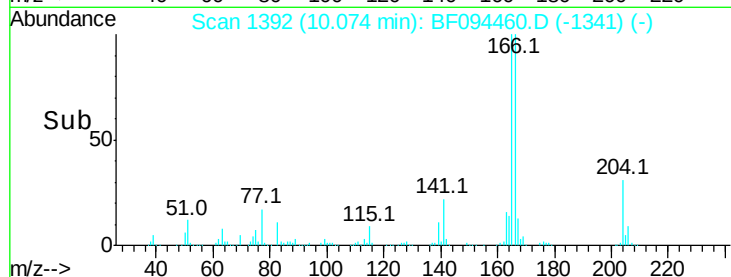
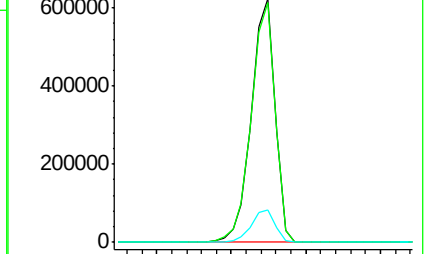
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.96 ng

RT: 9.82 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

Tgt Ion:232 Resp: 136854

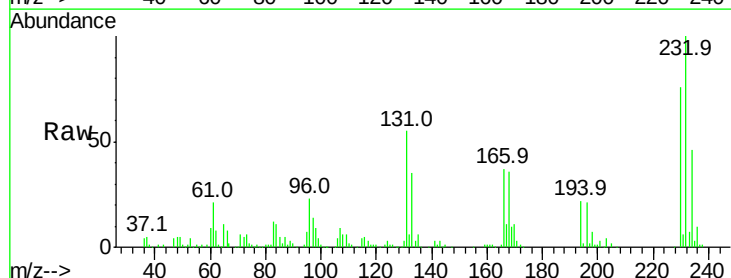
Ion Ratio Lower Upper

232 100

131 54.3 44.8 67.2

130 2.5 2.3 3.5

166 36.5 29.0 43.4

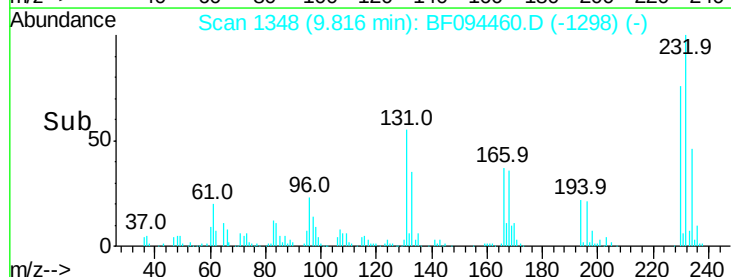
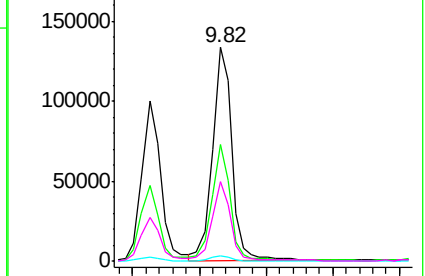


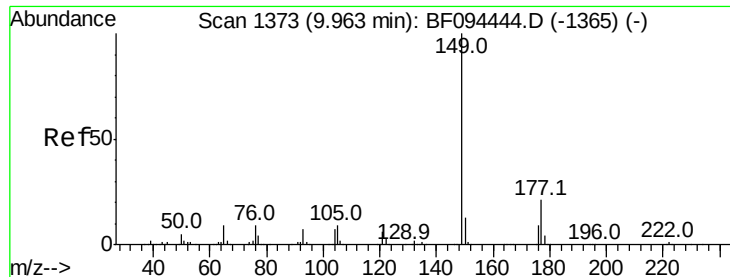
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

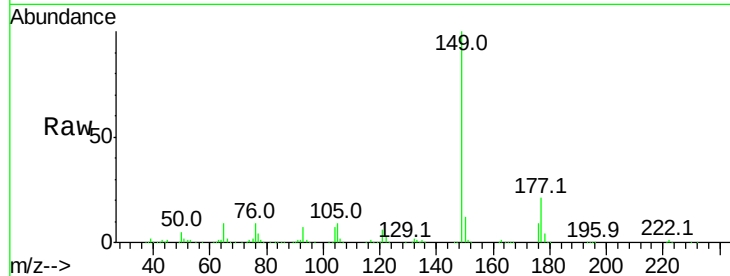




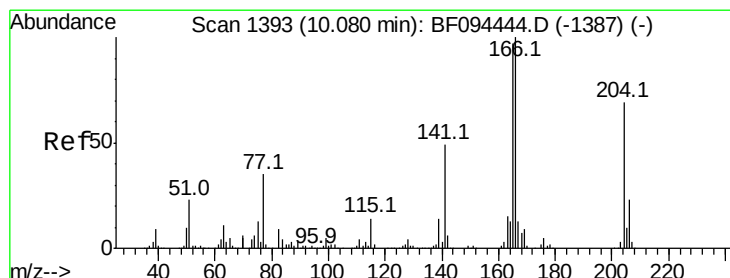
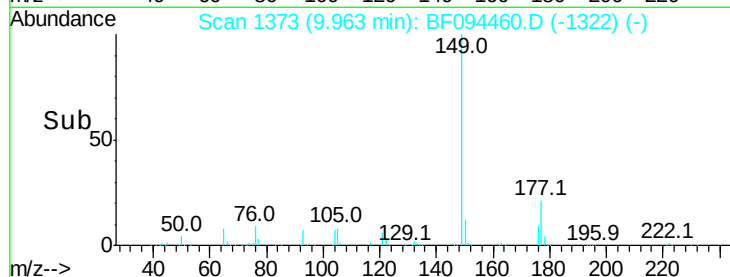
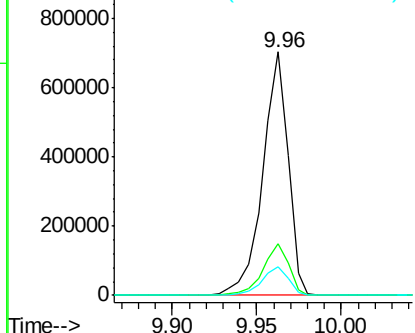
#59
Diethylphthalate
Concen: 38.09 ng
RT: 9.96 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 733322
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.0 10.2 15.2

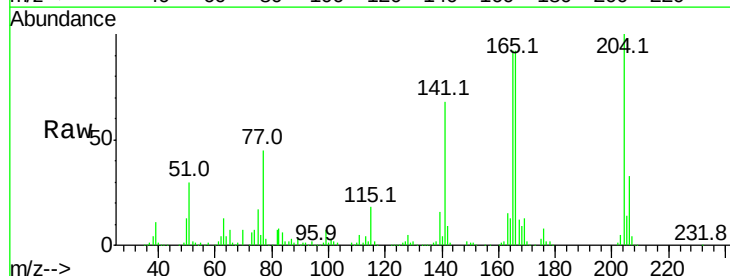


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

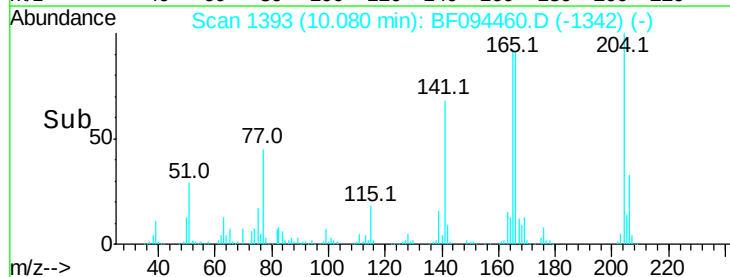
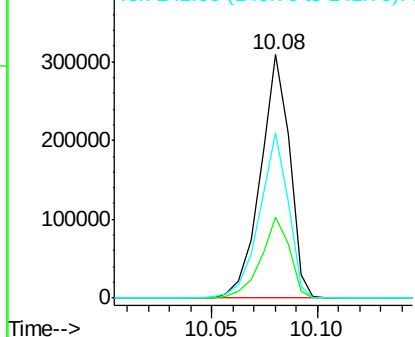


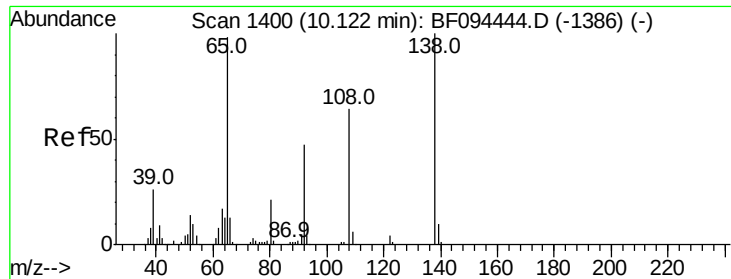
#60
4-Chlorophenyl-phenylether
Concen: 38.07 ng
RT: 10.08 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Tgt Ion:204 Resp: 297799
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 68.0 60.8 91.2



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

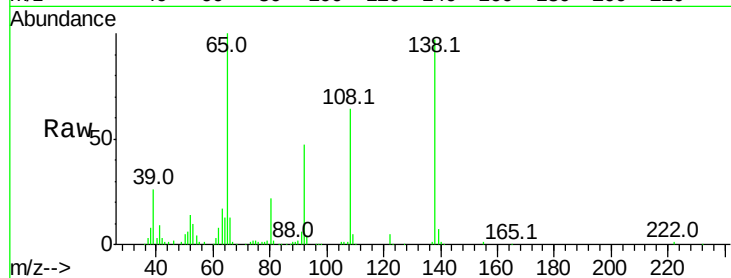




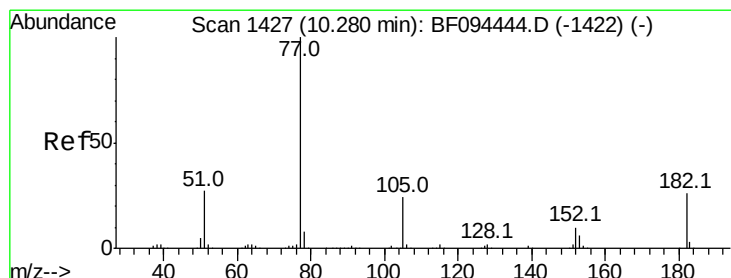
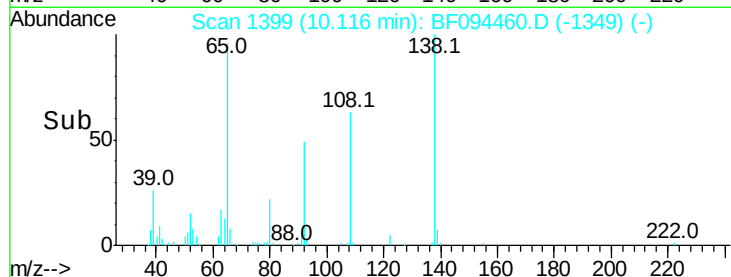
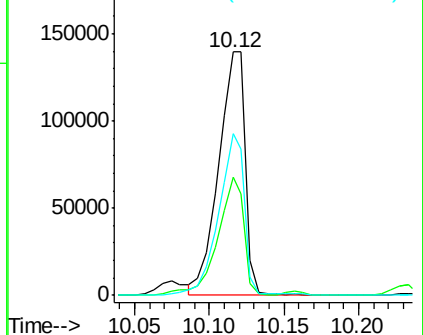
#61
4-Nitroaniline
Concen: 32.79 ng
RT: 10.12 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 176645
Ion Ratio Lower Upper
138 100
92 48.7 21.8 61.8
108 66.6 42.3 82.3

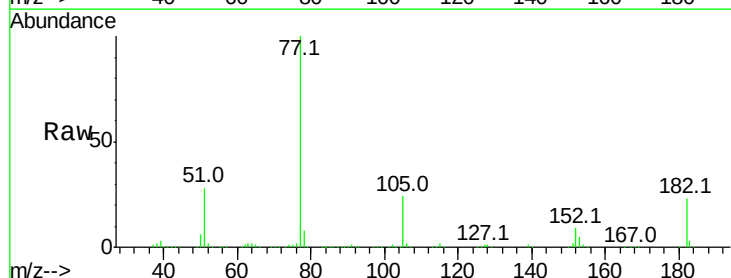


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

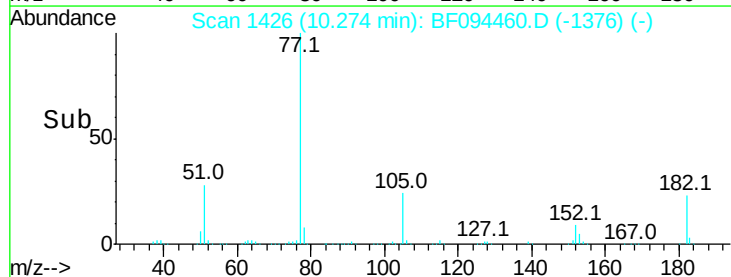
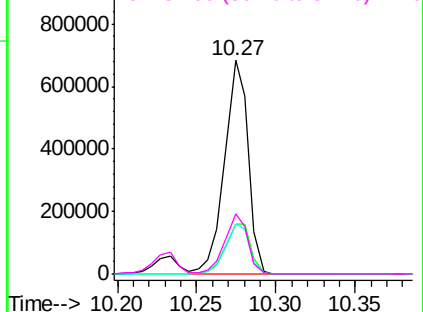


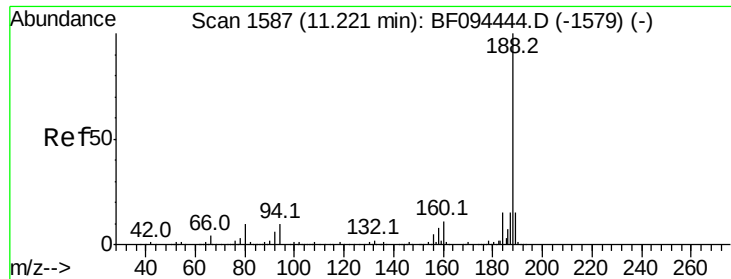
#62
Azobenzene
Concen: 37.83 ng
RT: 10.27 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Tgt Ion: 77 Resp: 707213
Ion Ratio Lower Upper
77 100
182 23.2 0.1 40.1
105 23.6 3.6 43.6
51 28.1 9.4 49.4



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

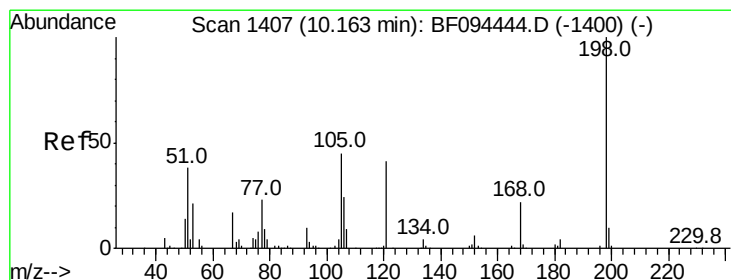
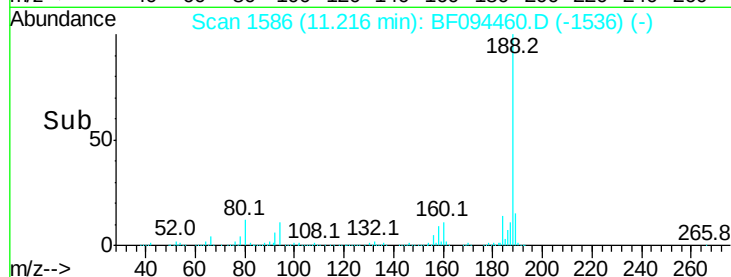
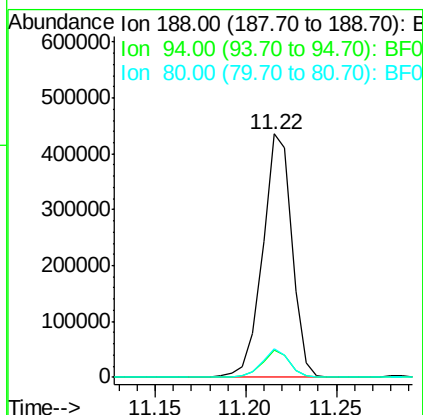
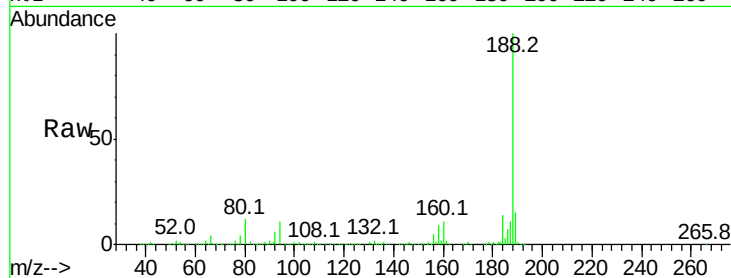




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

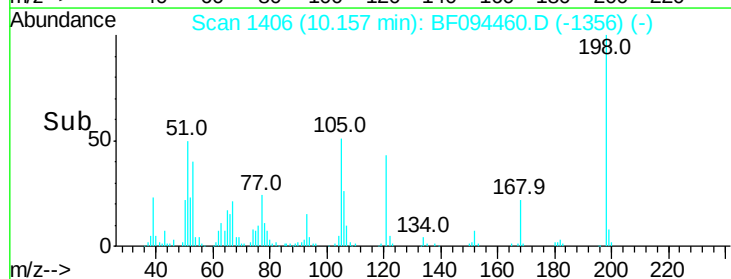
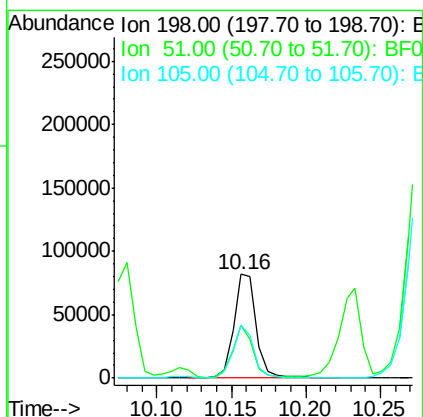
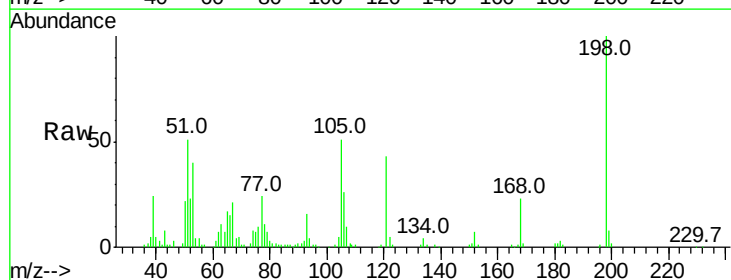
Instrument :
BNA_F
ClientSampleID :

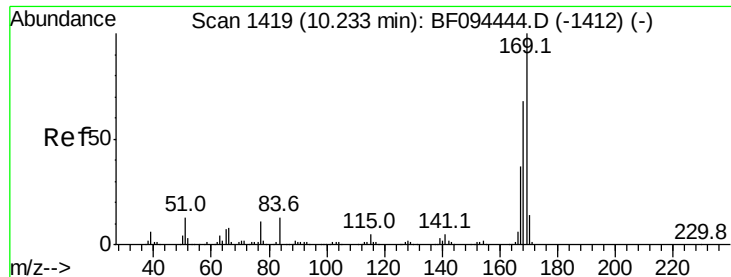
Tot Ion:188 Resp: 487354
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 11.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 27.14 ng
RT: 10.16 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Tgt Ion:198 Resp: 86649
Ion Ratio Lower Upper
198 100
51 50.6 53.2 93.2#
105 50.9 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 33.86 ng

RT: 10.23 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

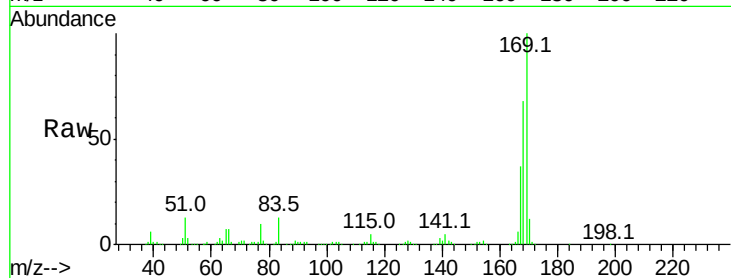
Tot Ion:169 Resp: 573993

Ion Ratio Lower Upper

169 100

168 68.2 53.2 79.8

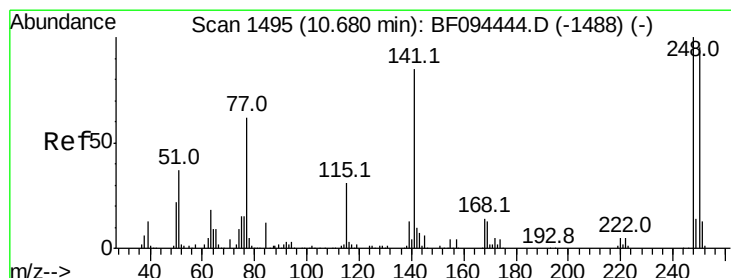
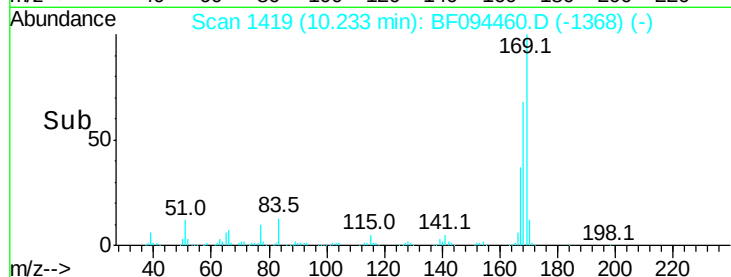
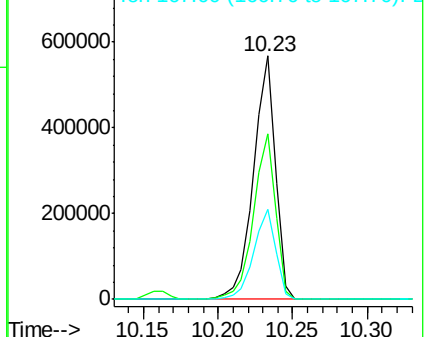
167 37.0 29.5 44.3



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: 36.65 ng

RT: 10.68 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

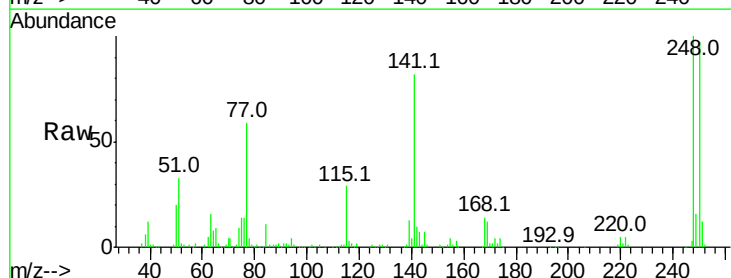
Tgt Ion:248 Resp: 177342

Ion Ratio Lower Upper

248 100

250 97.3 76.8 115.2

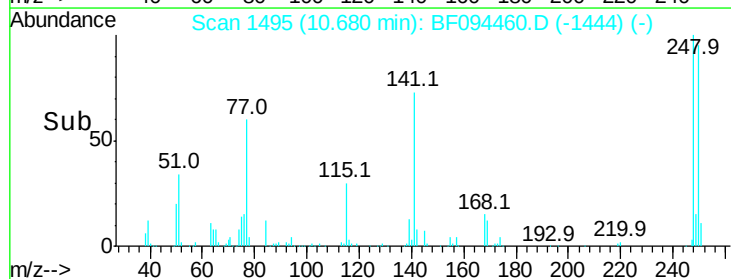
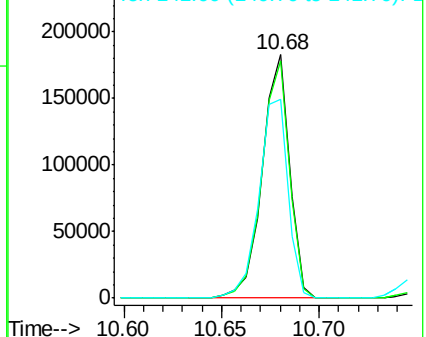
141 81.8 68.6 103.0

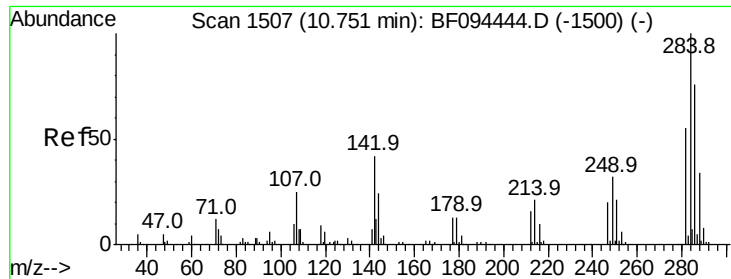


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.18 ng

RT: 10.75 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

Instrument :

BNA_F

ClientSampled :

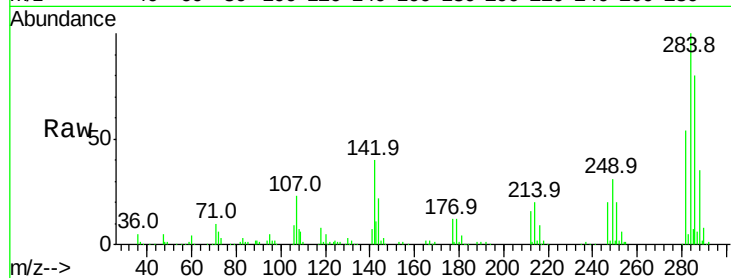
Tot Ion:284 Resp: 176449

Ion Ratio Lower Upper

284 100

142 40.2 22.8 34.2#

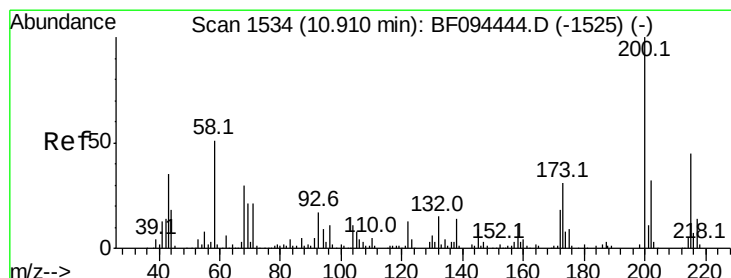
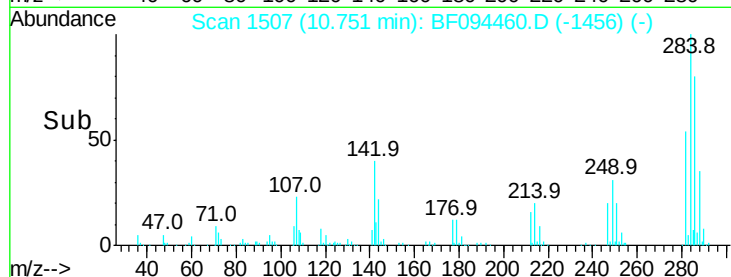
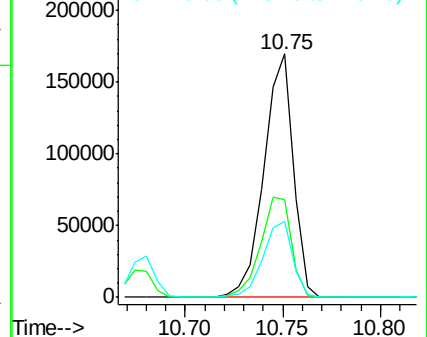
249 31.3 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.78 ng

RT: 10.91 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

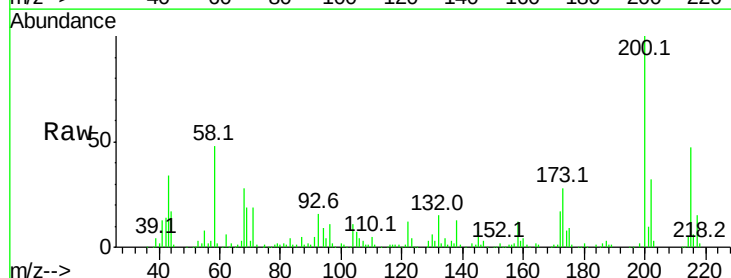
Tgt Ion:200 Resp: 186495

Ion Ratio Lower Upper

200 100

173 28.4 6.3 46.3

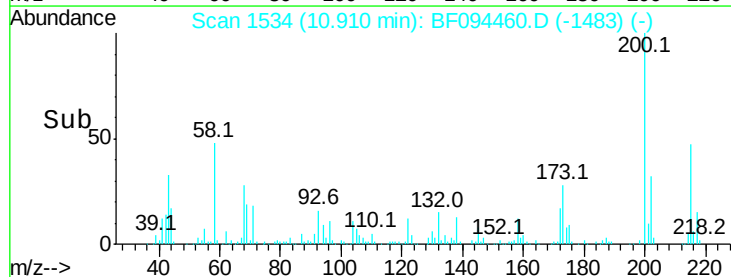
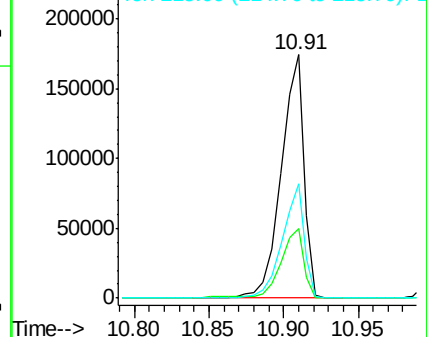
215 46.9 27.2 67.2

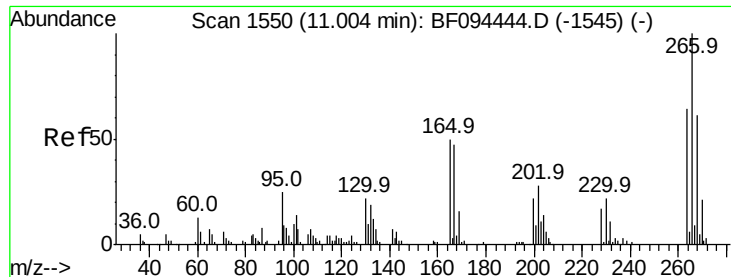


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

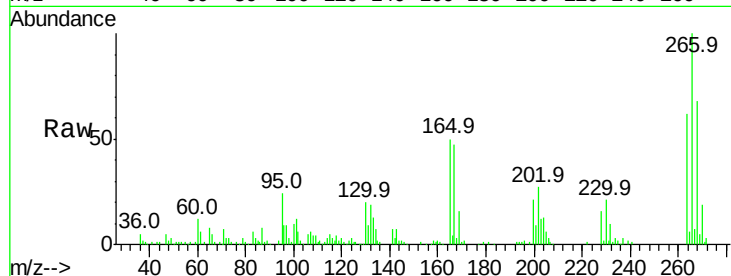




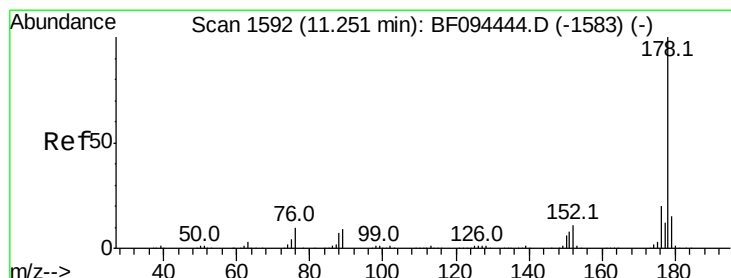
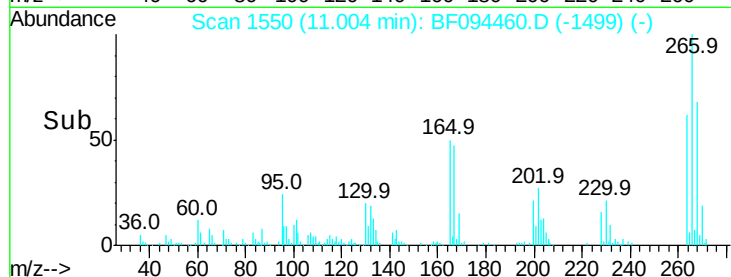
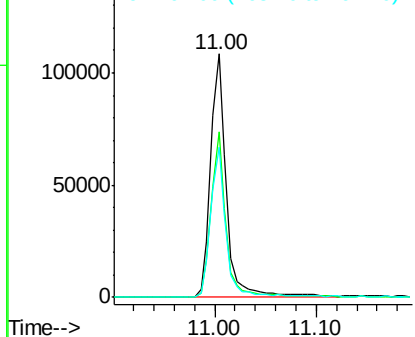
#69
 Pentachlorophenol
 Concen: 61.04 ng
 RT: 11.00 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.7	51.1	76.7
264	61.9	51.7	77.5

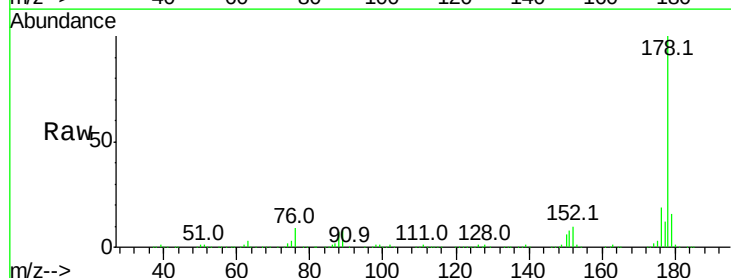


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

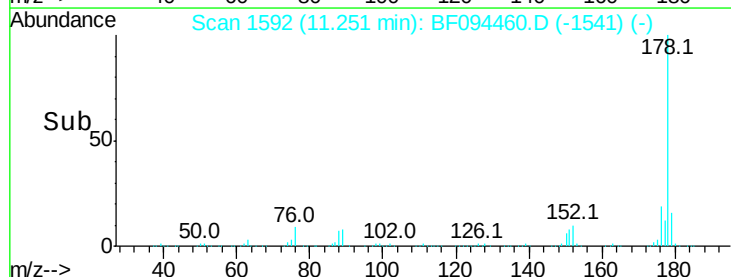
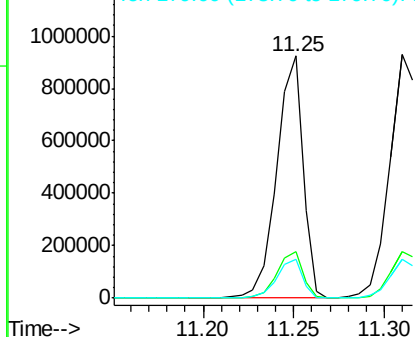


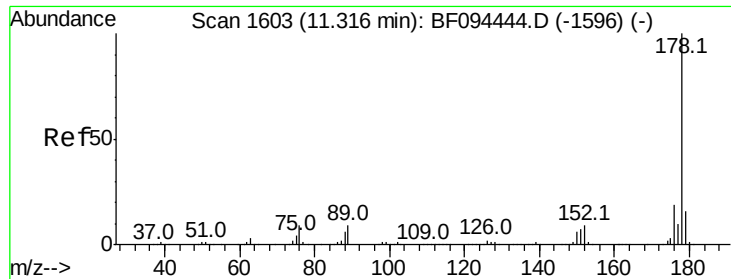
#70
 Phenanthrene
 Concen: 34.02 ng
 RT: 11.25 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.8	12.6	19.0



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

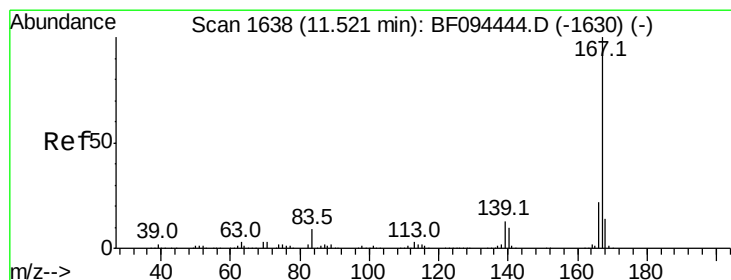
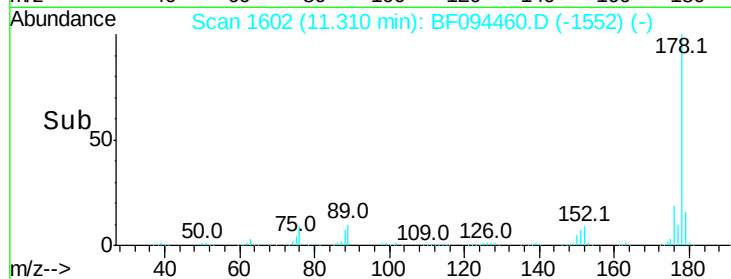
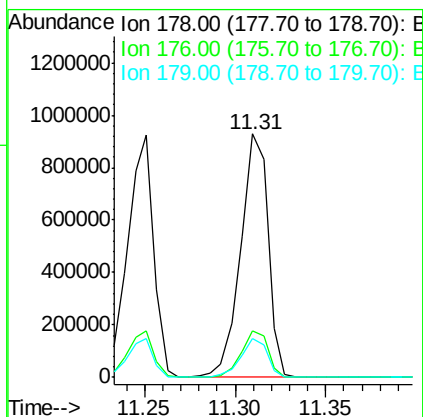
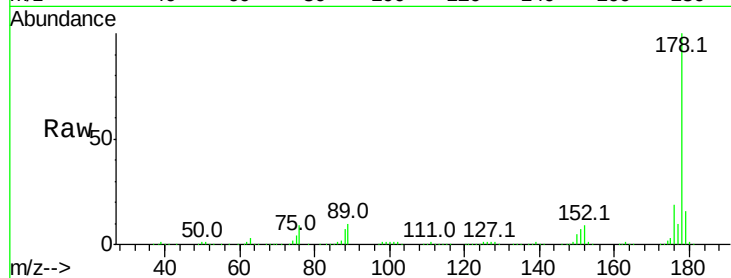




#71
 Anthracene
 Concen: 34.55 ng
 RT: 11.31 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

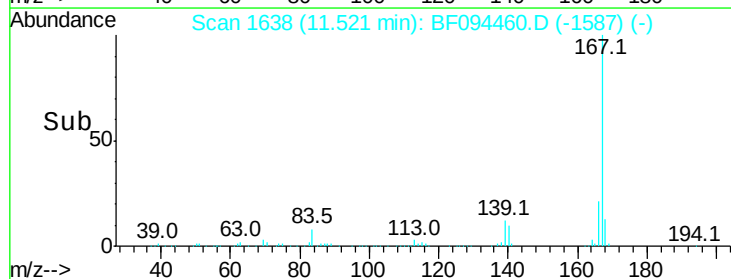
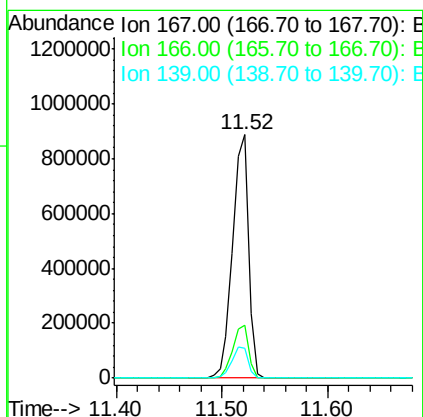
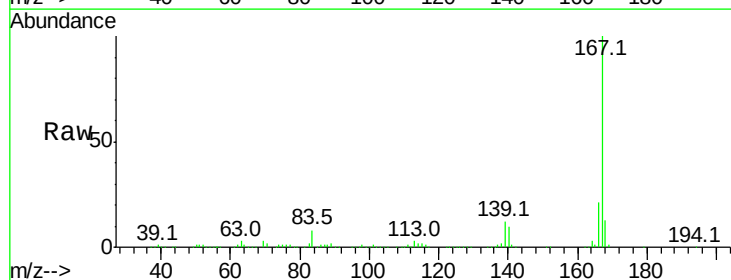
Instrument :
 BNA_F
 ClientSampleId :

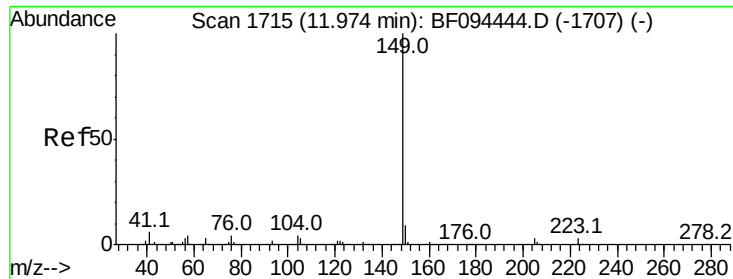
Tot Ion:178 Resp: 980858
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 34.74 ng
 RT: 11.52 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Tgt Ion:167 Resp: 925545
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.1 27.1
 139 12.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 37.15 ng

RT: 11.97 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

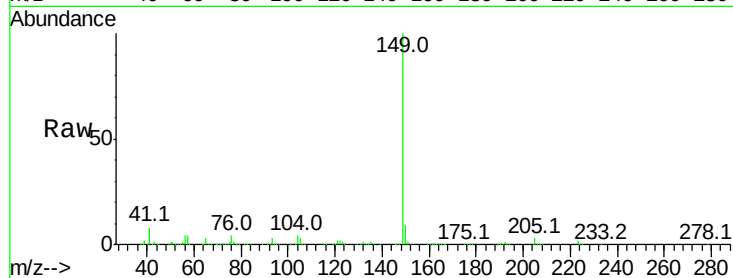
Instrument :

BNA_F

ClientSampled :

Tot Ion:149 Resp: 1089851

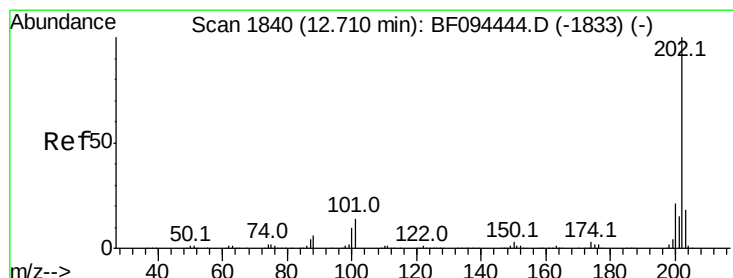
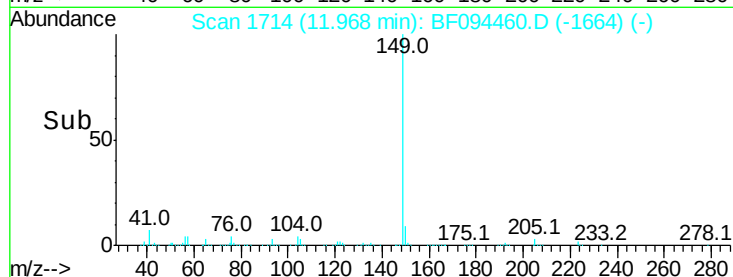
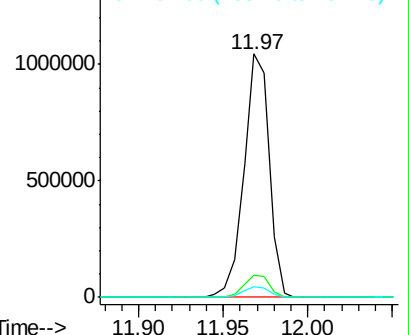
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.5	4.0	6.0



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: 32.99 ng

RT: 12.71 min Scan# 1840

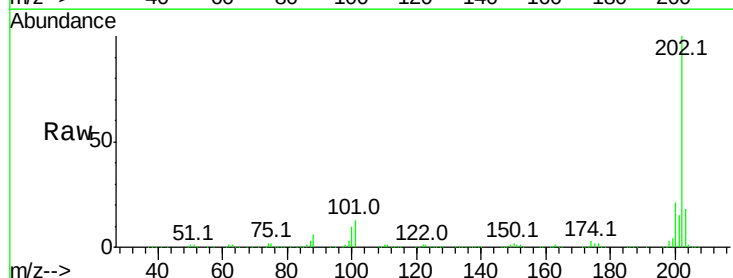
Delta R.T. -0.00 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

Tgt Ion:202 Resp: 938357

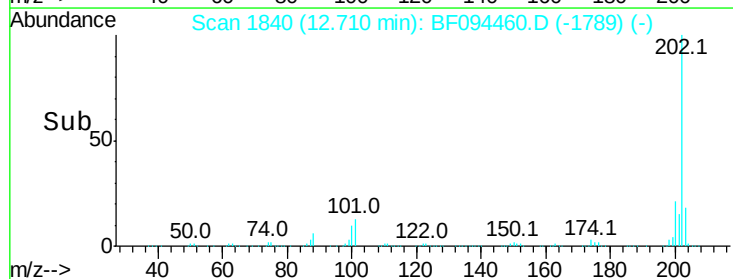
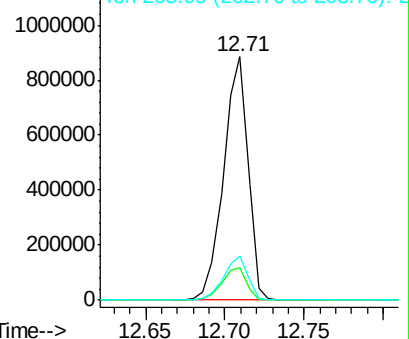
Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	17.8	0.0	38.1

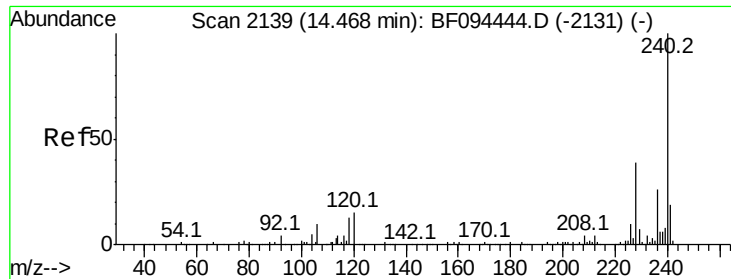


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

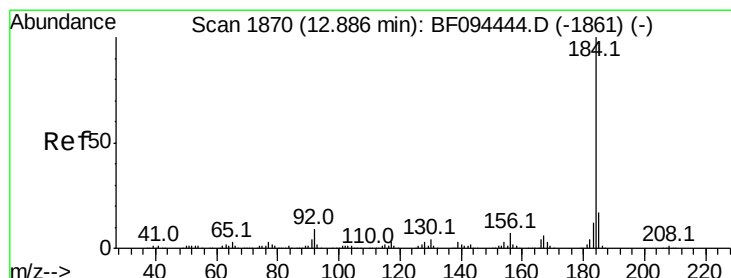
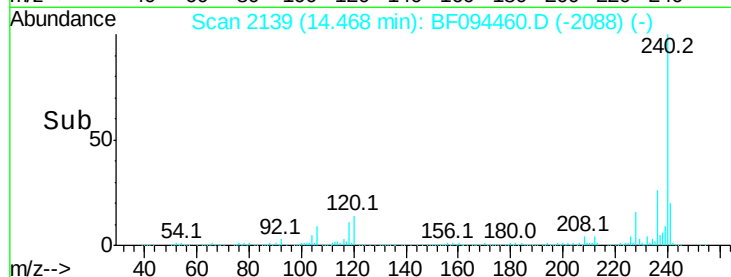
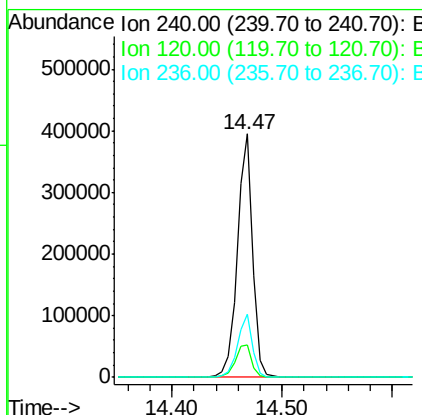
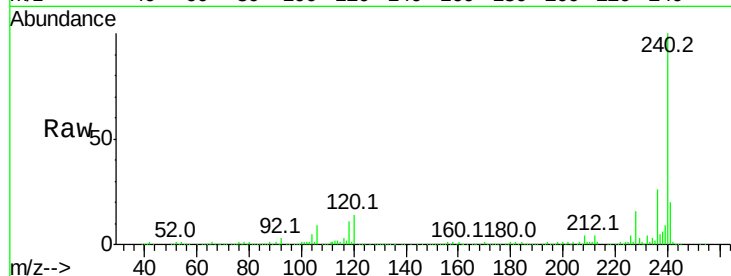




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

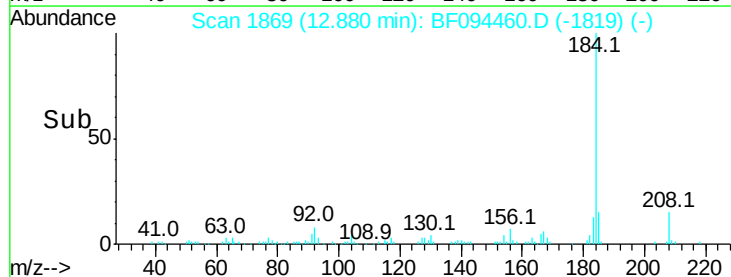
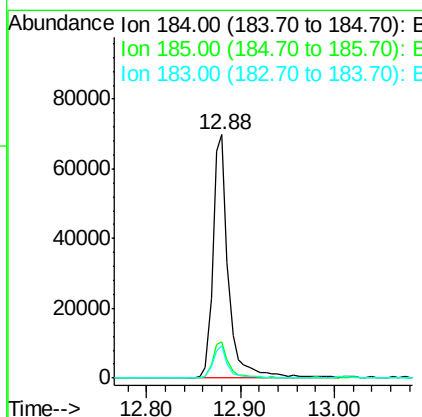
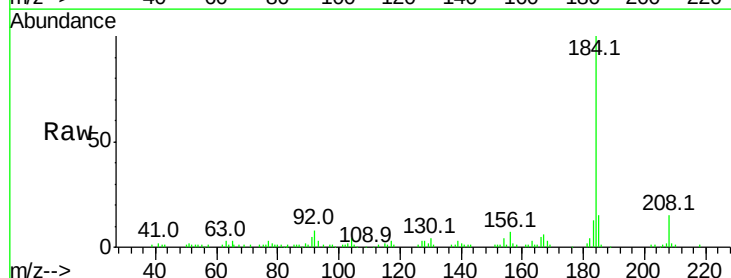
Instrument :
 BNA_F
 ClientSampled :

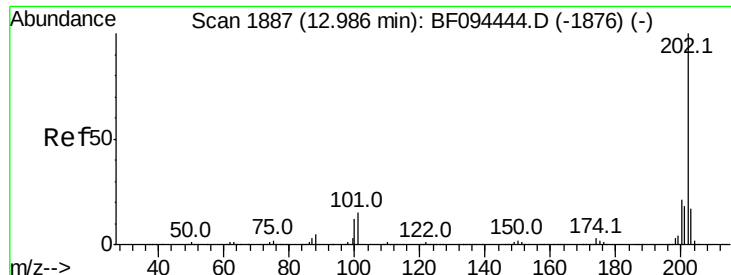
Tot Ion:240 Resp: 382536
 Ion Ratio Lower Upper
 240 100
 120 13.5 5.8 8.8#
 236 25.8 20.5 30.7



#76
 Benzidine
 Concen: 5.29 ng
 RT: 12.88 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Tgt Ion:184 Resp: 81982
 Ion Ratio Lower Upper
 184 100
 185 14.7 15.5 23.3#
 183 13.3 9.8 14.6

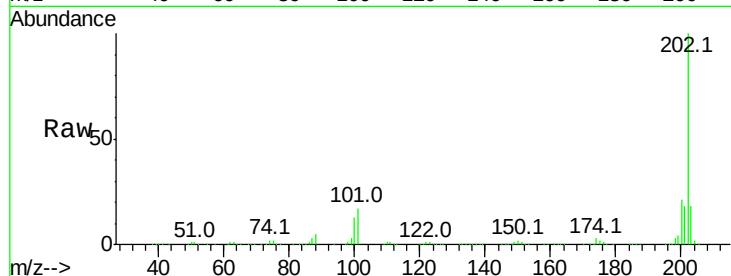




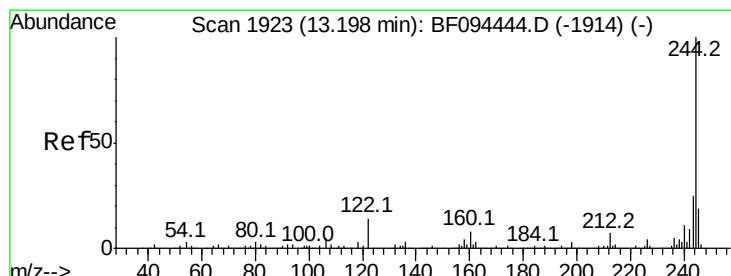
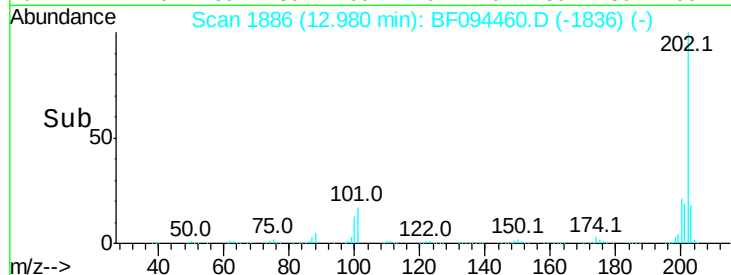
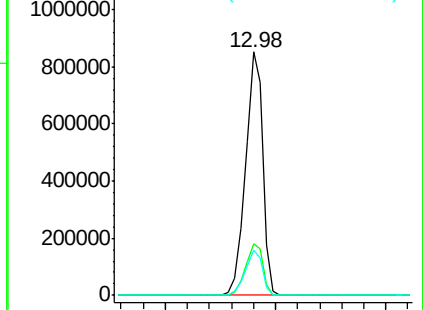
#77
 Pvrene
 Concen: 35.02 ng
 RT: 12.98 min Scan# 1886
 Delta R.T. -0.01 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 935835
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.6 26.4
 203 18.3 14.4 21.6

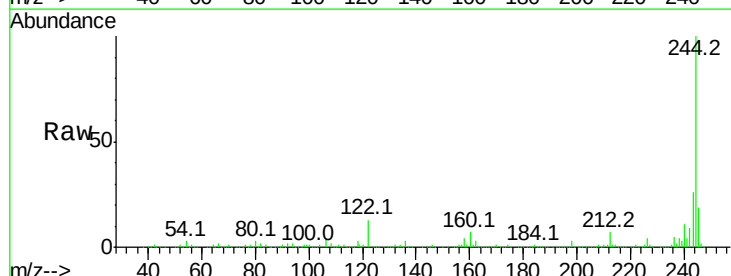


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

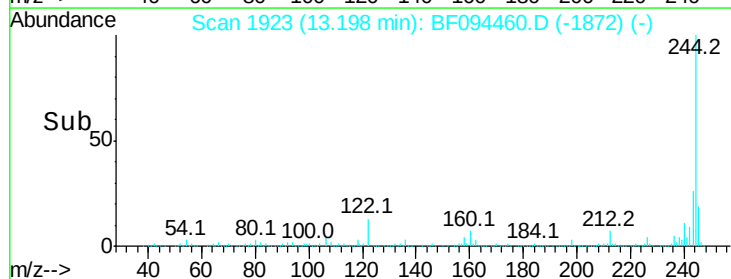
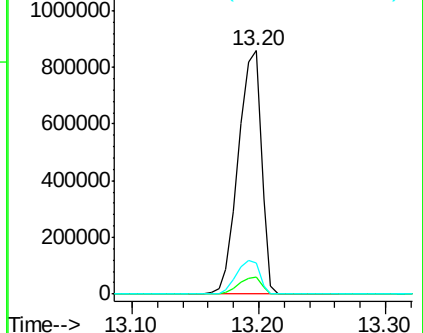


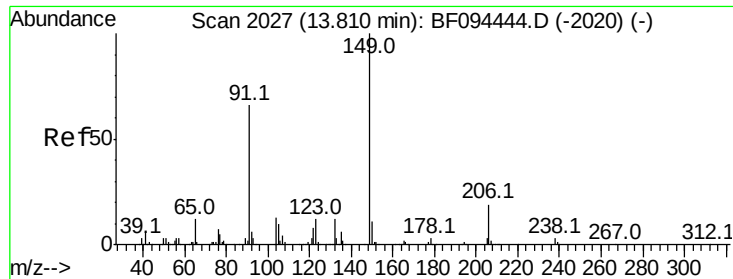
#78
 Terphenyl-d14
 Concen: 75.33 ng
 RT: 13.20 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Tgt Ion:244 Resp: 1078142
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 12.9 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: 39.77 ng

RT: 13.80 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

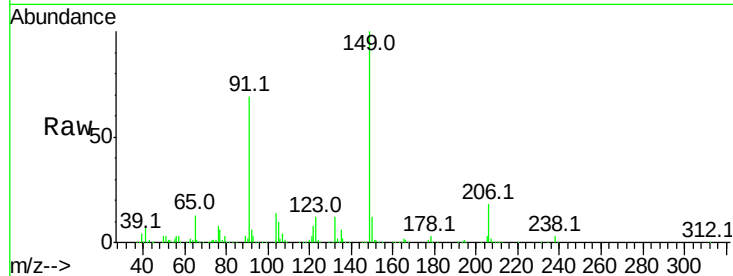
Tot Ion:149 Resp: 465863

Ion Ratio Lower Upper

149 100

91 69.3 45.0 67.4#

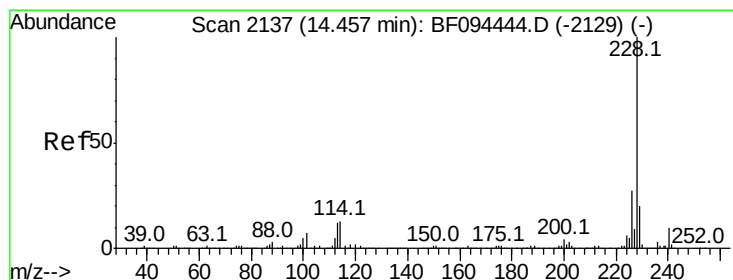
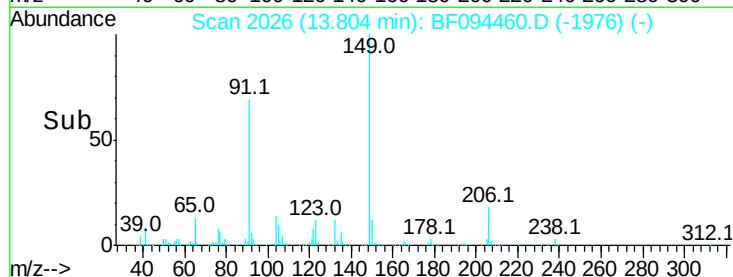
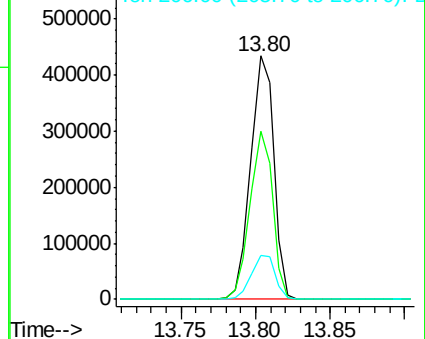
206 17.9 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 32.63 ng

RT: 14.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

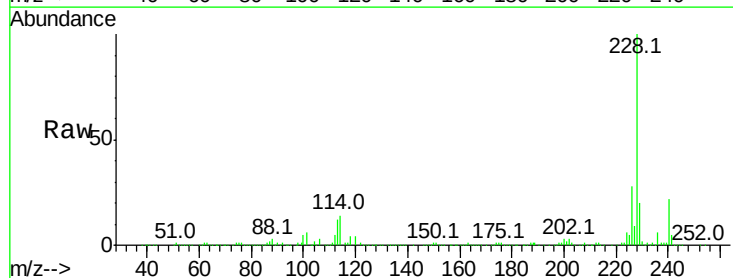
Tgt Ion:228 Resp: 725536

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

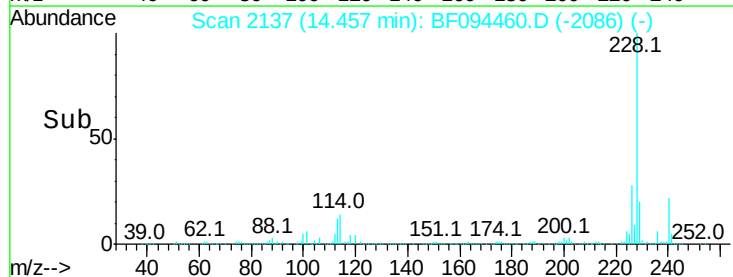
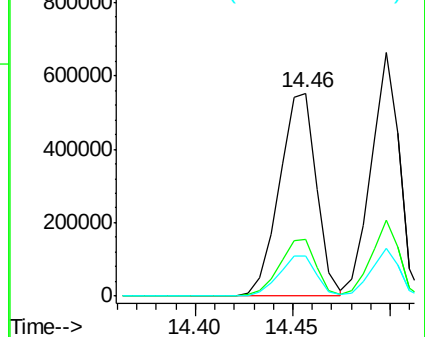
229 19.9 16.3 24.5

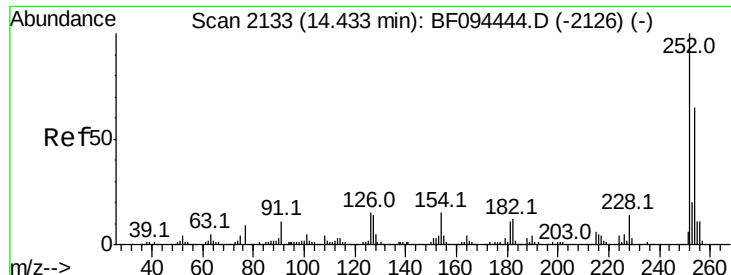


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

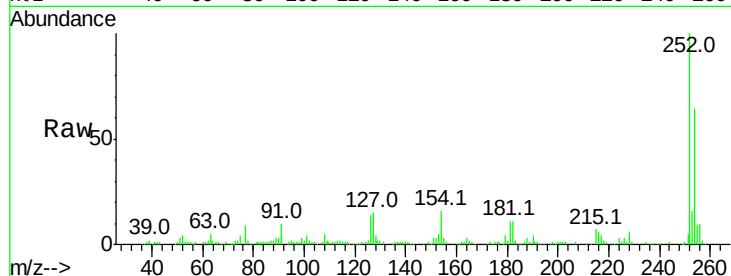




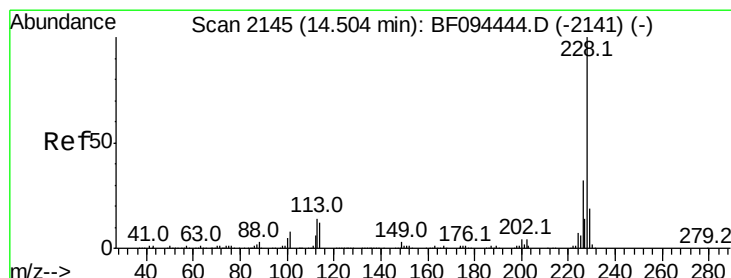
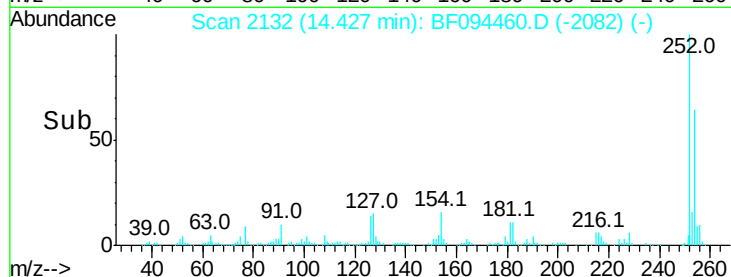
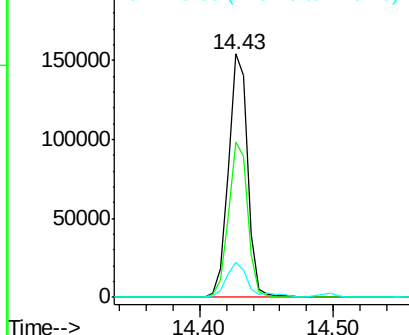
#81
 3,3'-Dichlorobenzidine
 Concen: 19.96 ng
 RT: 14.43 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 157075
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.5 77.3
 126 14.5 15.8 23.8#

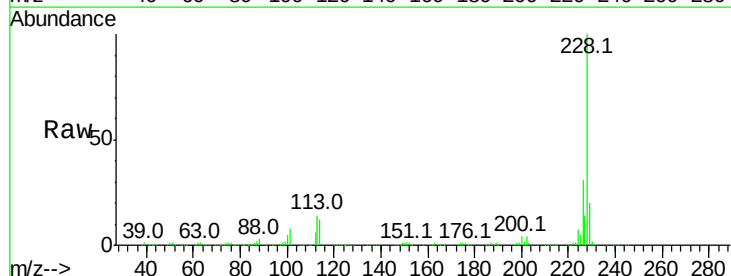


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

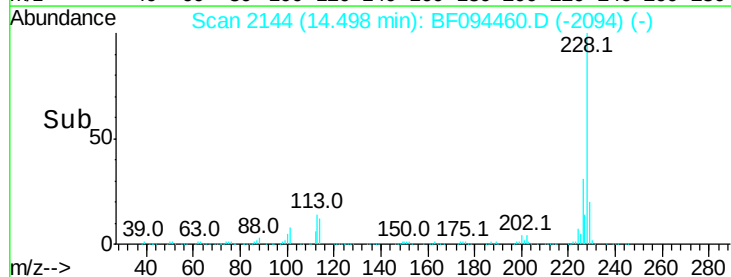
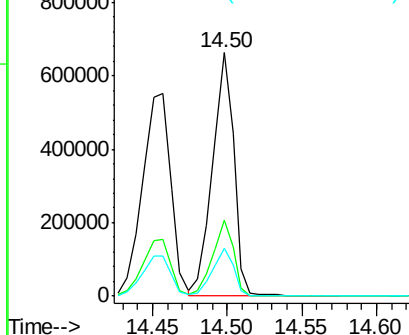


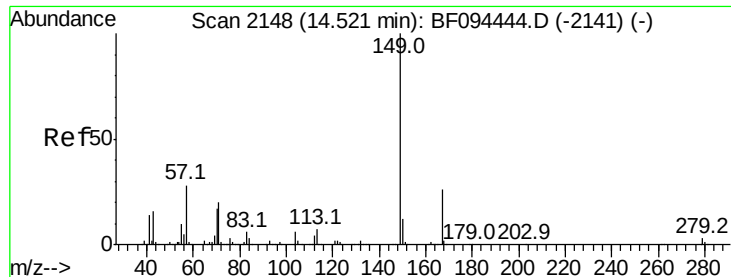
#82
 Chrysene
 Concen: 32.45 ng
 RT: 14.50 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Tgt Ion:228 Resp: 659377
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 19.6 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

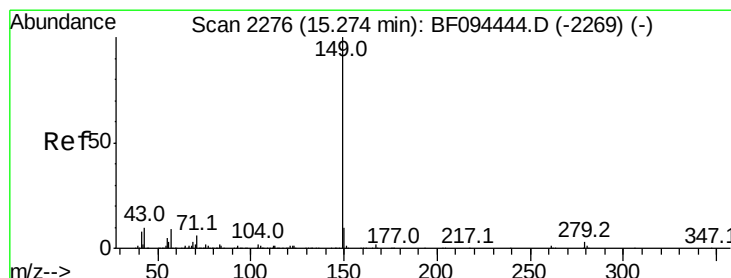
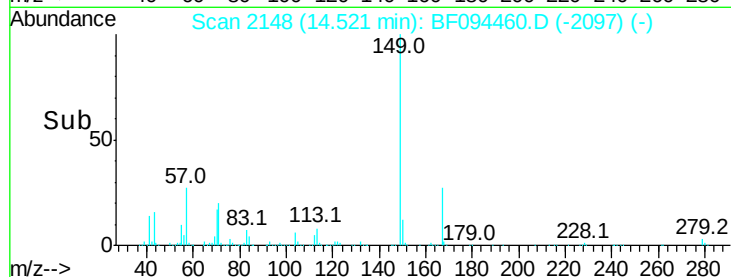
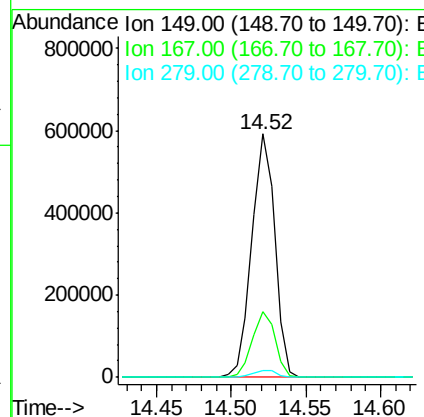
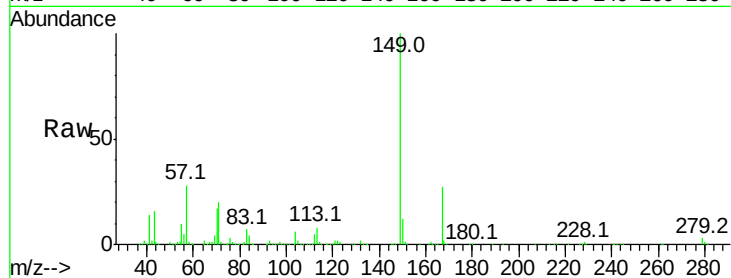




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.16 ng
 RT: 14.52 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

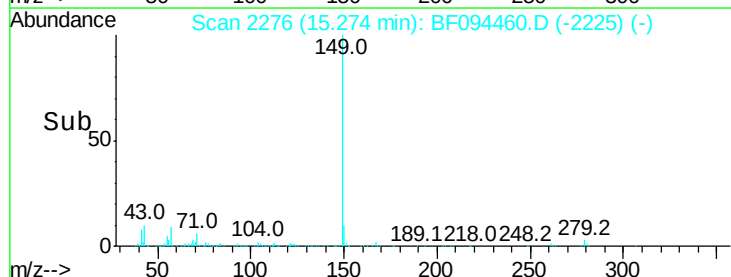
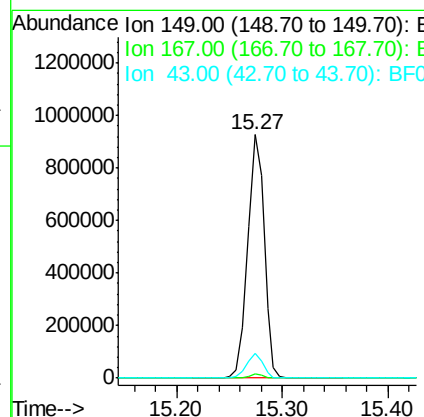
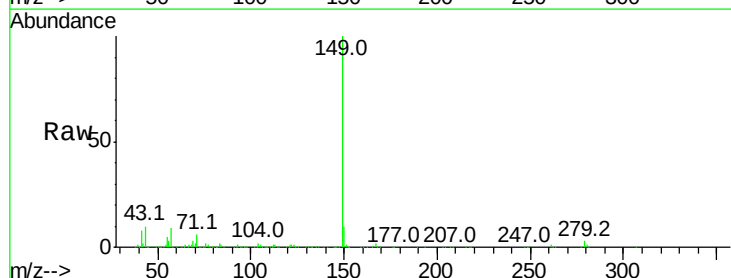
Instrument :
 BNA_F
 ClientSampleId :

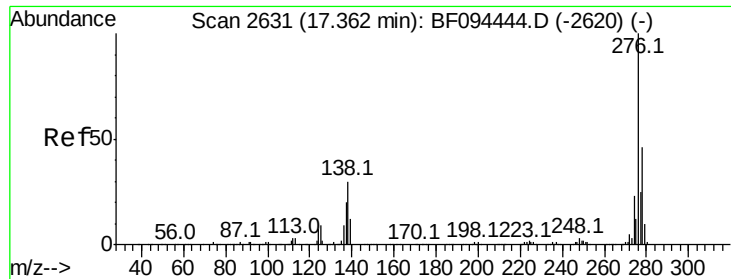
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.0	31.4
279	2.8	1.9	2.9



#84
 Di-n-octyl phthalate
 Concen: 37.85 ng
 RT: 15.27 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BF094460.D
 Acq: 17 Apr 2017 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.5	8.5	12.7

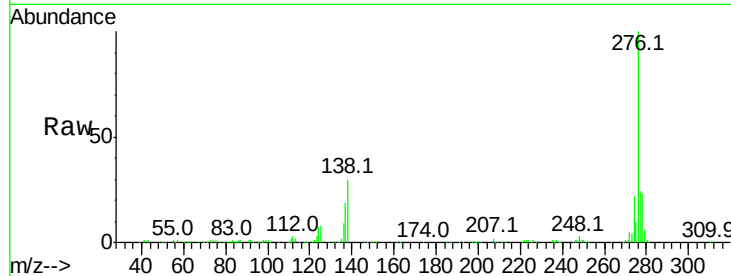




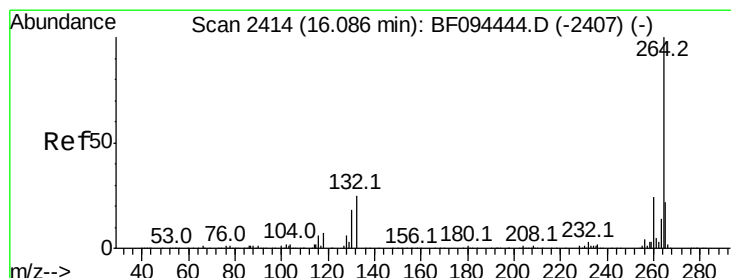
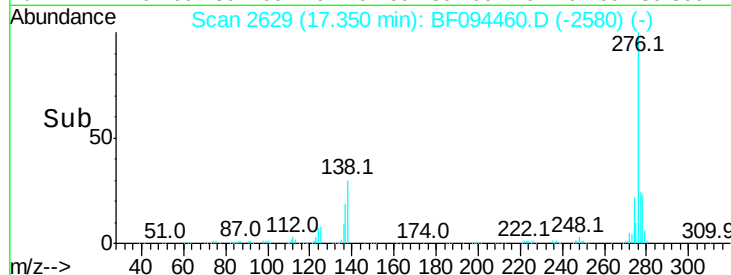
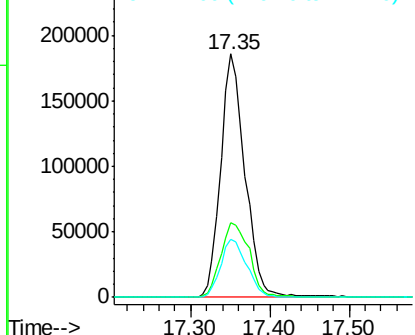
#85
Indeno(1,2,3-cd)pyrene
Concen: 20.48 ng
RT: 17.35 min Scan# 2629
Delta R.T. -0.01 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 395968
Ion Ratio Lower Upper
276 100
138 35.7 27.8 41.6
277 25.6 20.2 30.4

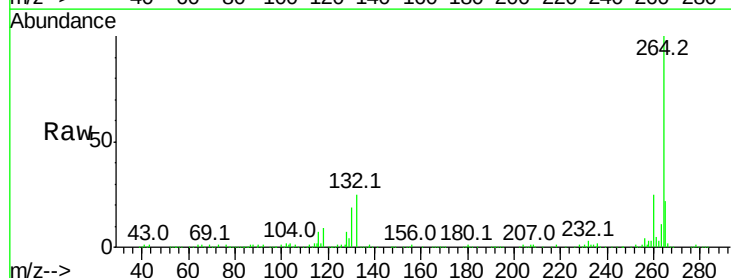


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

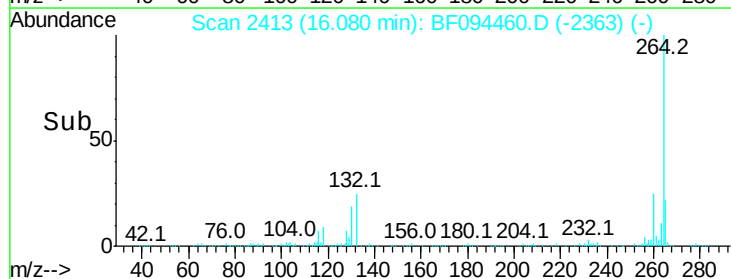
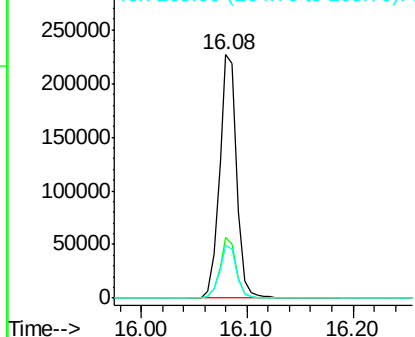


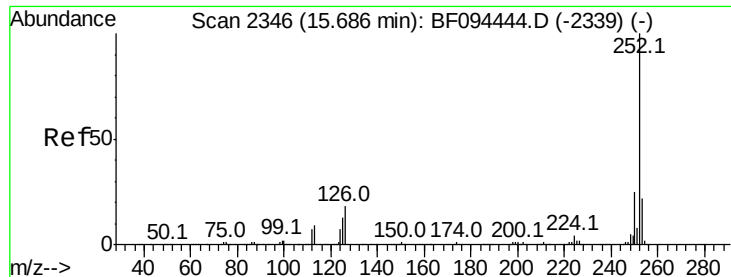
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BF094460.D
Acq: 17 Apr 2017 20:13

Tgt Ion:264 Resp: 258959
Ion Ratio Lower Upper
264 100
260 25.1 19.5 29.3
265 21.6 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: 32.43 ng

RT: 15.69 min Scan# 2346

Delta R.T. -0.00 min

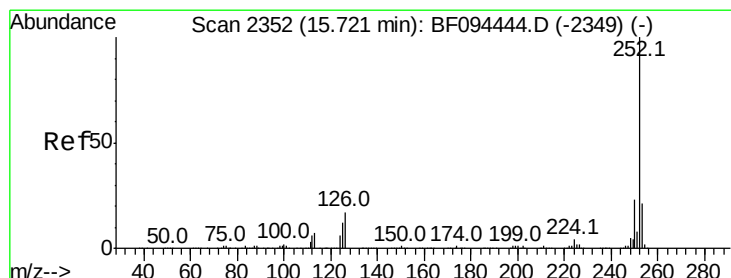
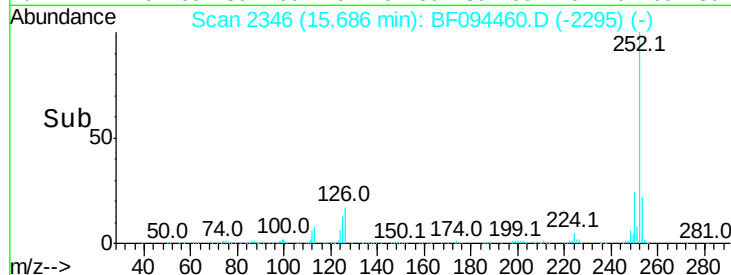
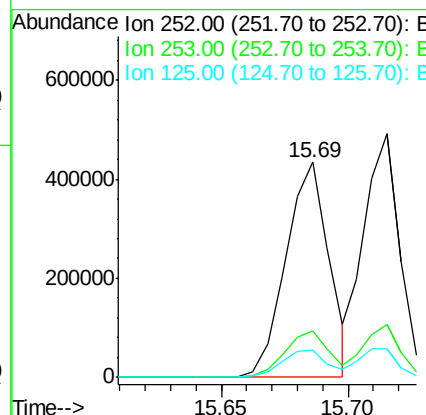
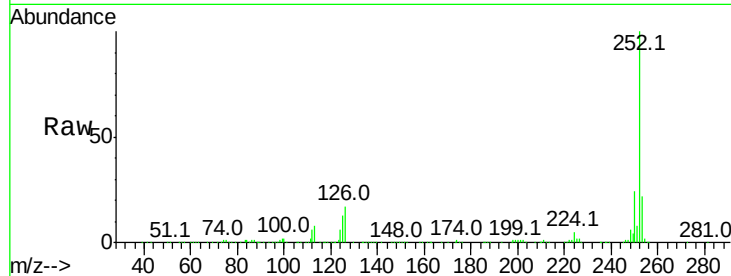
Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 513705

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	12.8	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 33.19 ng

RT: 15.72 min Scan# 2351

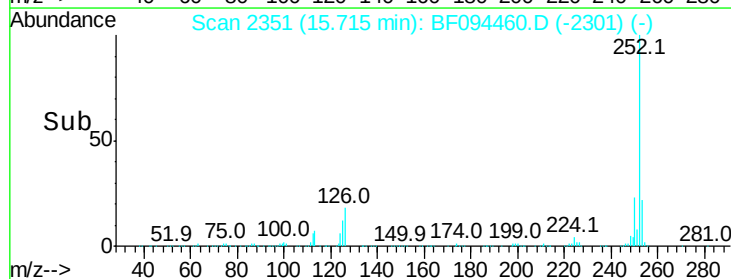
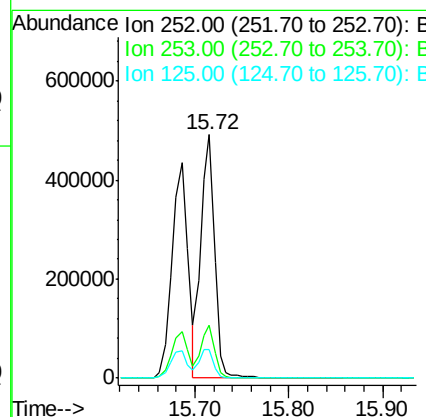
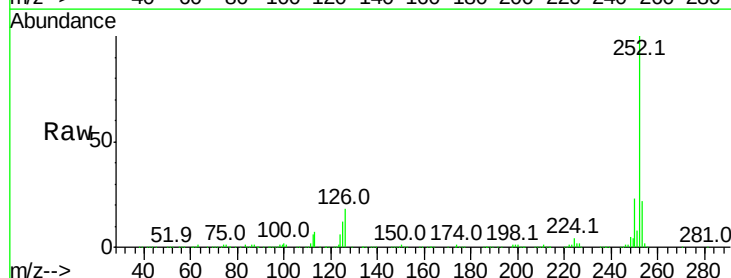
Delta R.T. -0.01 min

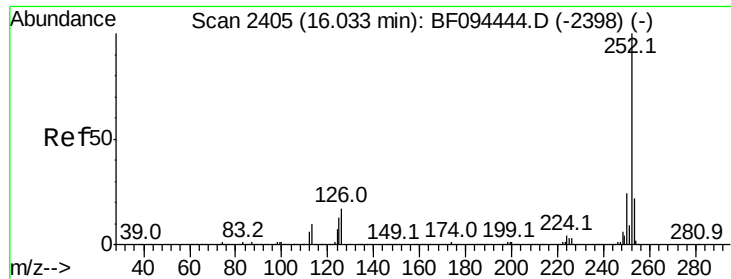
Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

Tgt Ion:252 Resp: 497495

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	11.9	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 28.28 ng

RT: 16.03 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

Instrument :

BNA_F

ClientSampled :

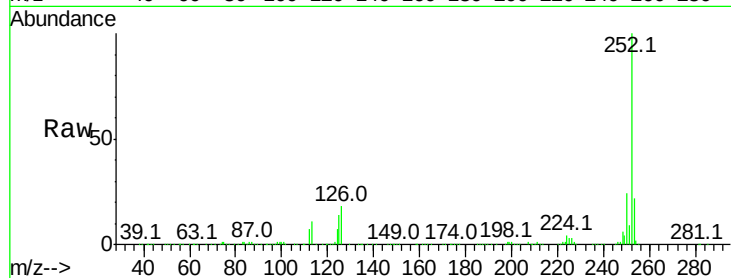
Tot Ion:252 Resp: 416735

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

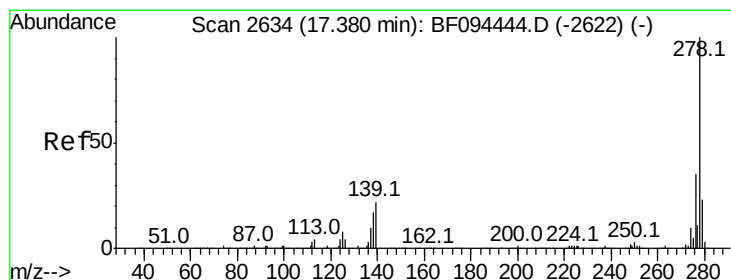
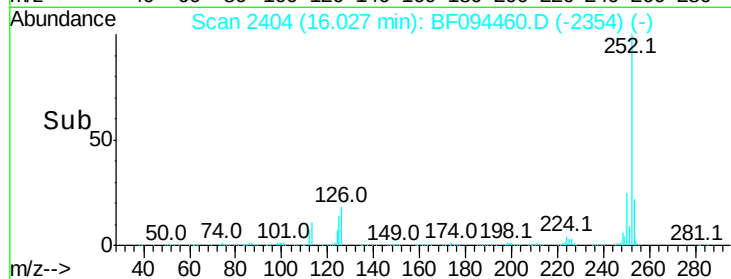
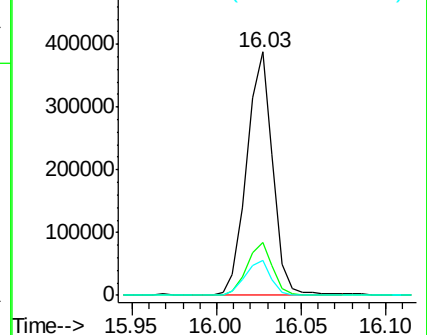
125 14.3 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 28.86 ng

RT: 17.37 min Scan# 2633

Delta R.T. -0.01 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

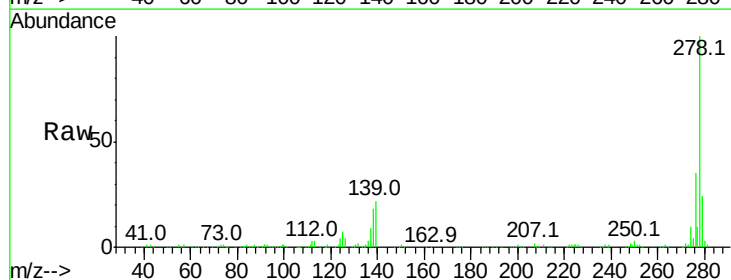
Tgt Ion:278 Resp: 353122

Ion Ratio Lower Upper

278 100

139 21.5 16.6 24.8

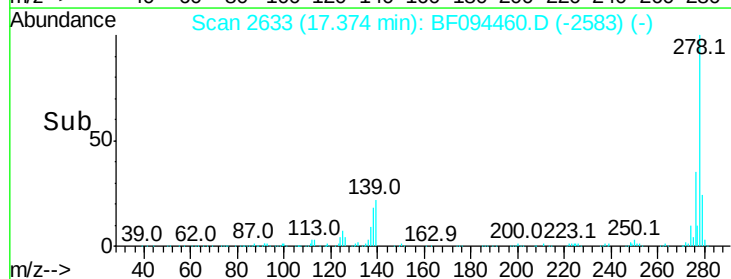
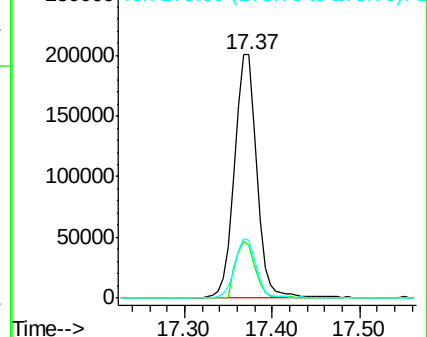
279 23.9 19.3 28.9

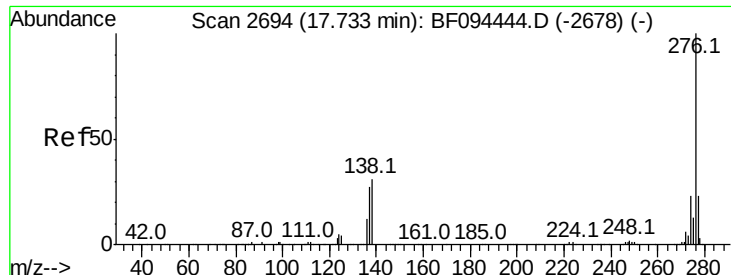


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 25.17 ng

RT: 17.72 min Scan# 2692

Delta R.T. -0.01 min

Lab File: BF094460.D

Acq: 17 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

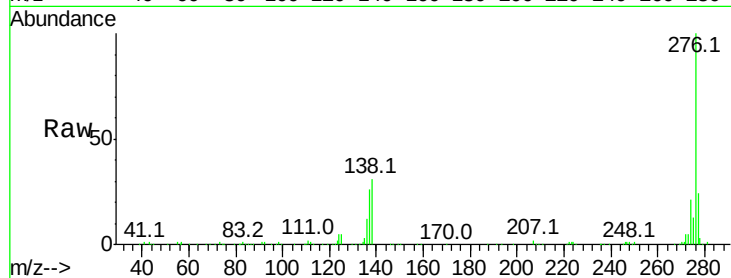
Tot Ion:276 Resp: 313546

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 30.7 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

