

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094445.D
 Acq On : 17 Apr 2017 13:11
 Operator : SJ/MA
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 17 13:51:20 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 13:38:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	146842	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	601047	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	269050	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	477665	20.00	ng	0.00
75) Chrysene-d12	14.47	240	397286	20.00	ng	0.00
86) Perylene-d12	16.09	264	342525	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.30	112	853000	98.11	ng	0.00
7) Phenol-d6	5.39	99	1003593	93.31	ng	0.00
23) Nitrobenzene-d5	6.42	82	953987	90.58	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	204273	96.08	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1678316	95.15	ng	0.00
78) Terphenyl-d14	13.20	244	1388408	78.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	257783	61.72	ng	96
3) Pyridine	2.58	79	566165	49.74	ng	99
4) n-Nitrosodimethylamine	2.56	42	236206	50.43	ng	90
6) Aniline	5.39	93	668820	44.70	ng	91
8) 2-Chlorophenol	5.53	128	489523	51.23	ng	98
9) Benzaldehyde	5.26	77	385820	53.13	ng	99
10) Phenol	5.41	94	625674	51.12	ng	90
11) bis(2-Chloroethyl)ether	5.47	93	463562	48.47	ng	96
12) 1,3-Dichlorobenzene	5.70	146	550158	51.32	ng	99
13) 1,4-Dichlorobenzene	5.78	146	551488	50.80	ng	96
14) 1,2-Dichlorobenzene	5.96	146	495622	49.57	ng	97
15) Benzyl Alcohol	5.94	79	373169	47.40	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	595255	40.39	ng	61
17) 2-Methylphenol	6.09	107	390180	47.68	ng	# 92
18) Hexachloroethane	6.35	117	191446	50.17	ng	# 82
19) n-Nitroso-di-n-propylamine	6.26	70	343144	49.64	ng	96
20) 3+4-Methylphenols	6.27	107	532212	53.69	ng	# 63
22) Acetophenone	6.25	105	706990	52.78	ng	# 85
24) Nitrobenzene	6.44	77	501006	48.23	ng	95
25) Isophorone	6.73	82	880862	47.60	ng	95
26) 2-Nitrophenol	6.82	139	278832	56.29	ng	98
27) 2,4-Dimethylphenol	6.89	122	431277	50.53	ng	98
28) bis(2-Chloroethoxy)methane	6.99	93	563846	46.20	ng	99
29) 2,4-Dichlorophenol	7.12	162	405522	50.81	ng	97
30) 1,2,4-Trichlorobenzene	7.20	180	413567	50.31	ng	99
31) Naphthalene	7.29	128	1368308	47.35	ng	100
32) Benzoic acid	7.08	122	244291	42.99	ng	96
33) 4-Chloroaniline	7.37	127	578008	49.35	ng	# 93
34) Hexachlorobutadiene	7.45	225	205401	48.73	ng	97
35) Caprolactam	7.83	113	132596	52.10	ng	93
36) 4-Chloro-3-methylphenol	7.99	107	423001	50.73	ng	88
37) 2-Methylnaphthalene	8.13	142	936215	48.60	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	366554	49.80	ng	100
40) Hexachlorocyclopentadiene	8.33	237	163830	47.57	ng	100

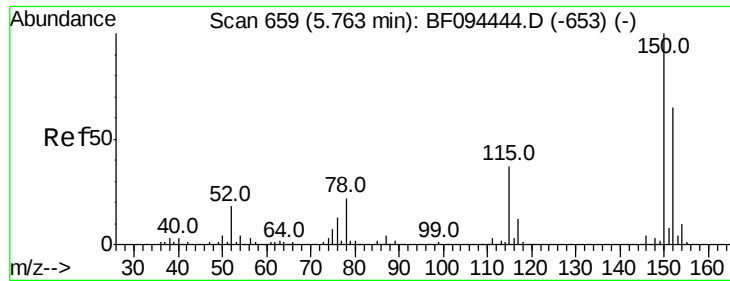
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094445.D
 Acq On : 17 Apr 2017 13:11
 Operator : SJ/MA
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 17 13:51:20 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 13:38:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	263001	50.51	nq	98
43) 2,4,5-Trichlorophenol	8.55	196	272948	48.44	nq	# 91
45) 1,1'-Biphenyl	8.71	154	1038581	47.86	nq	99
46) 2-Chloronaphthalene	8.73	162	828718	48.78	nq	95
47) 2-Nitroaniline	8.86	65	249162	49.44	nq	# 86
48) Acenaphthylene	9.23	152	1280380	45.35	nq	99
49) Dimethylphthalate	9.10	163	958694	50.13	nq	99
50) 2,6-Dinitrotoluene	9.17	165	222873	50.84	nq	97
51) Acenaphthene	9.45	154	768969	46.68	nq	99
52) 3-Nitroaniline	9.37	138	260130	50.53	nq	92
53) 2,4-Dinitrophenol	9.50	184	114096	54.61	nq	# 70
54) Dibenzofuran	9.66	168	1105680	49.30	nq	100
55) 4-Nitrophenol	9.63	139	198428	49.22	nq	# 78
56) 2,4-Dinitrotoluene	9.66	165	265782	48.26	nq	# 78
57) Fluorene	10.07	166	852058	45.82	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	197927	51.19	nq	# 96
59) Diethylphthalate	9.97	149	908703	48.07	nq	98
60) 4-Chlorophenyl-phenylether	10.09	204	369284	46.61	nq	90
61) 4-Nitroaniline	10.13	138	262935	53.22	nq	96
62) Azobenzene	10.28	77	881325	49.29	nq	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	161664	55.26	nq	# 70
65) n-Nitrosodiphenylamine	10.24	169	778543	47.13	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	222802	47.43	nq	95
67) Hexachlorobenzene	10.75	284	229120	48.18	nq	# 86
68) Atrazine	10.92	200	237461	47.99	nq	97
69) Pentachlorophenol	11.00	266	101649	34.34	nq	97
70) Phenanthrene	11.25	178	1257198	47.31	nq	99
71) Anthracene	11.32	178	1307569	47.79	nq	99
72) Carbazole	11.52	167	1219838	43.48	nq	98
73) Di-n-butylphthalate	11.97	149	1381082	47.34	nq	99
74) Fluoranthene	12.71	202	1311556	48.20	nq	99
76) Benzidine	12.89	184	796462	50.65	nq	98
77) Pyrene	12.99	202	1332899	46.23	nq	99
79) Butylbenzylphthalate	13.81	149	606027	49.33	nq	88
80) Benzo(a)anthracene	14.46	228	1117667	48.24	nq	98
81) 3,3'-Dichlorobenzidine	14.44	252	401370	48.47	nq	# 96
82) Chrysene	14.50	228	1010868	47.02	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	812171	48.46	nq	99
84) Di-n-octyl phthalate	15.28	149	1354560	48.38	nq	98
85) Indeno(1,2,3-cd)pyrene	17.36	276	920740	49.45	nq	99
87) Benzo(b)fluoranthene	15.69	252	1017758	48.47	nq	99
88) Benzo(k)fluoranthene	15.72	252	959373	46.70	nq	96
89) Benzo(a)pyrene	16.03	252	948513	49.06	nq	98
90) Dibenzo(a,h)anthracene	17.39	278	757442	46.26	nq	98
91) Benzo(g,h,i)perylene	17.74	276	760119	46.06	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

Instrument :

BNA_F

ClientSampleId :

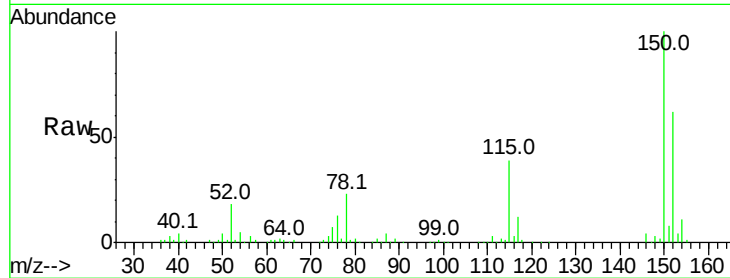
Tot Ion:152 Resp: 146842

Ion Ratio Lower Upper

152 100

150 161.9 126.2 189.2

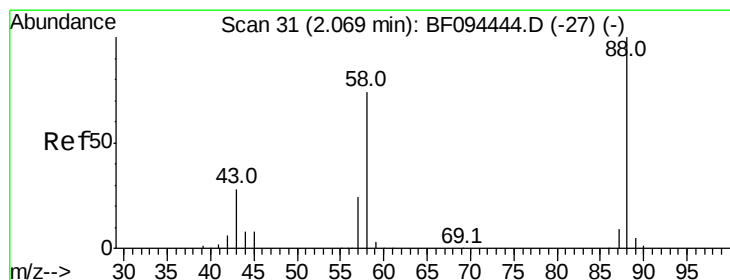
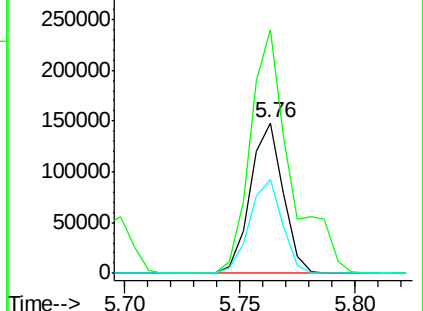
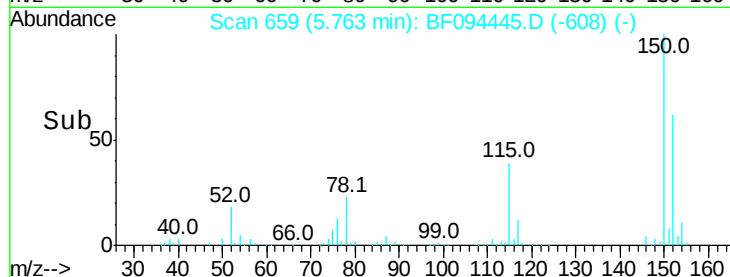
115 62.4 52.2 78.2



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



#2

1,4-Dioxane

Concen: 61.72 ng

RT: 2.08 min Scan# 32

Delta R.T. 0.01 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

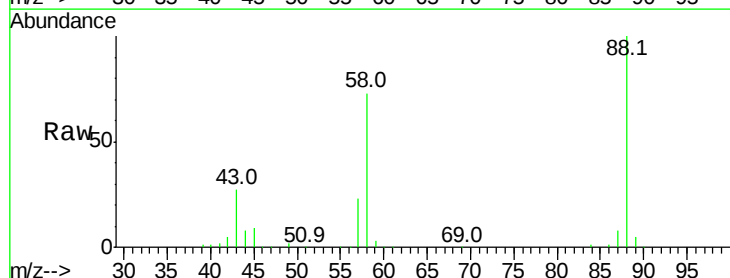
Tgt Ion: 88 Resp: 257783

Ion Ratio Lower Upper

88 100

58 73.0 61.4 92.0

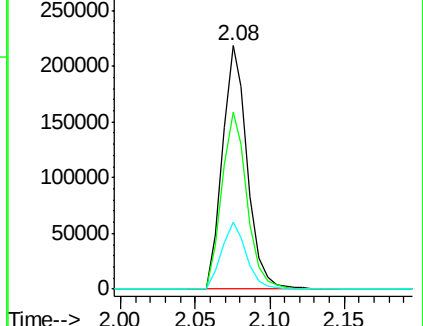
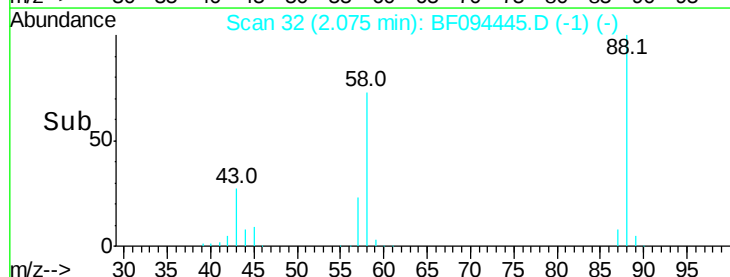
43 27.2 23.4 35.0

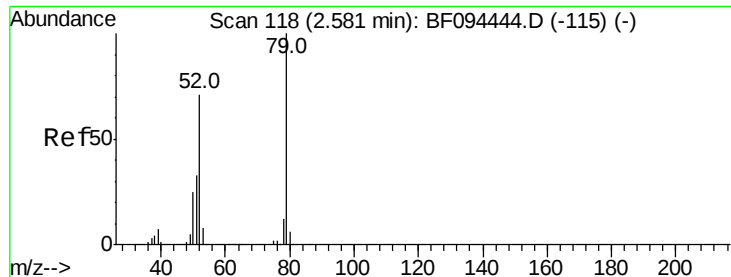


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

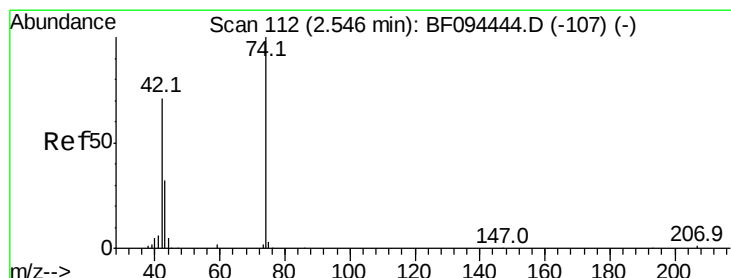
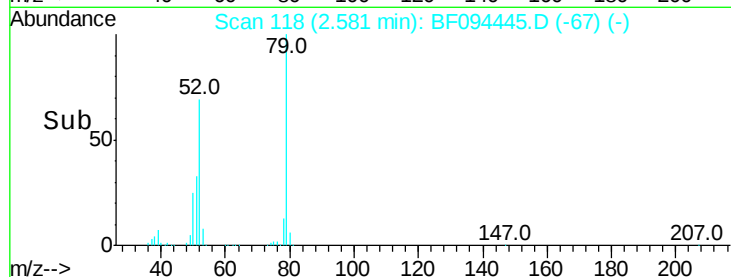
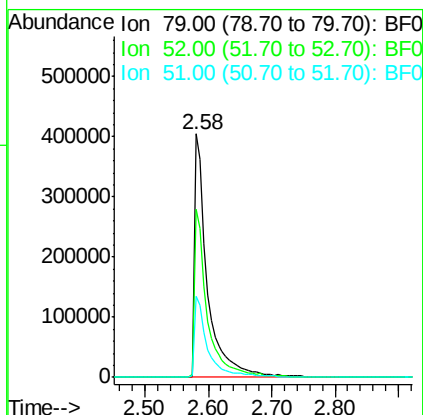
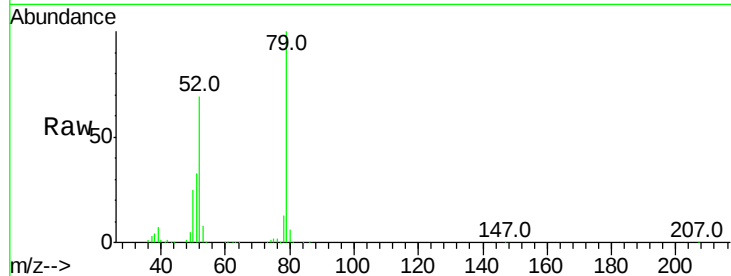




#3
 Pvridine
 Concen: 49.74 ng
 RT: 2.58 min Scan# 118
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

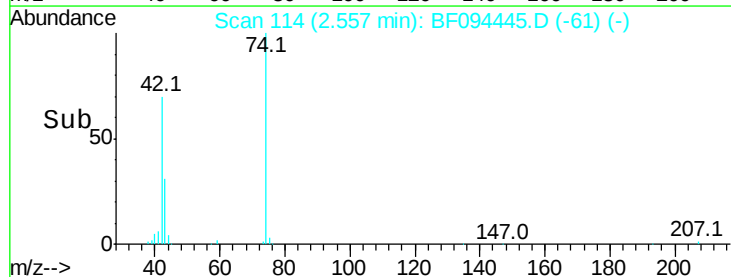
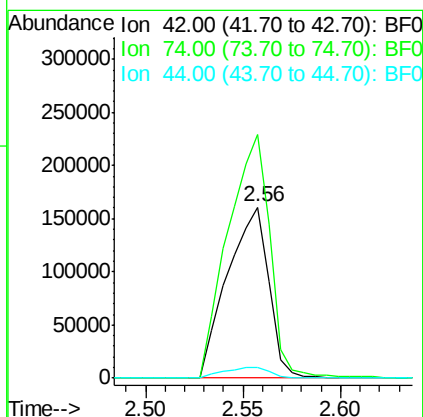
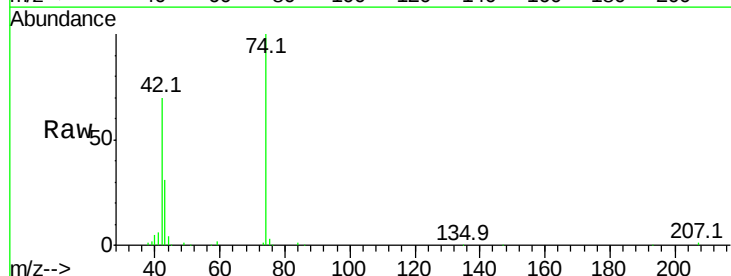
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 566165
 Ion Ratio Lower Upper
 79 100
 52 69.2 54.8 82.2
 51 33.4 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 50.43 ng
 RT: 2.56 min Scan# 114
 Delta R.T. 0.01 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Tgt Ion: 42 Resp: 236206
 Ion Ratio Lower Upper
 42 100
 74 142.2 103.9 155.9
 44 6.3 5.7 8.5





#5

2-Fluorophenol

Concen: 98.11 ng

RT: 4.30 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

Instrument :
BNA_F
ClientSampled :

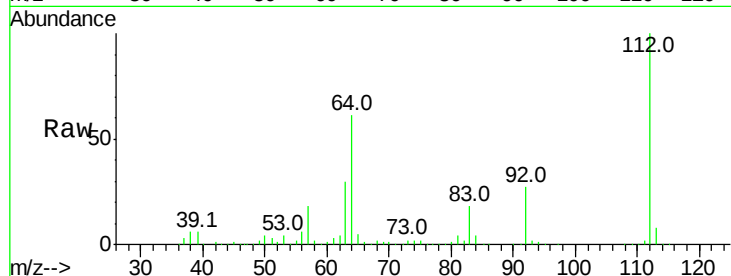
Tot Ion:112 Resp: 853000

Ion Ratio Lower Upper

112 100

64 60.6 46.0 69.0

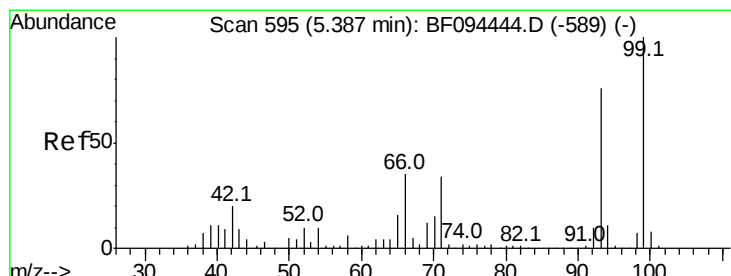
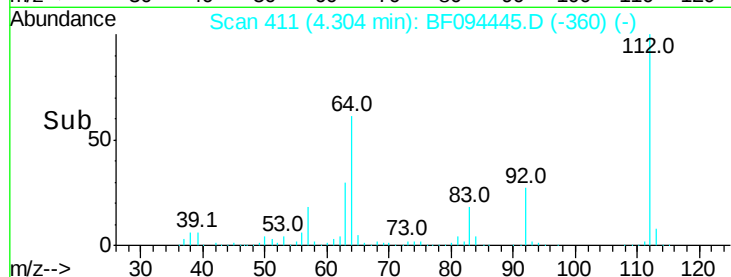
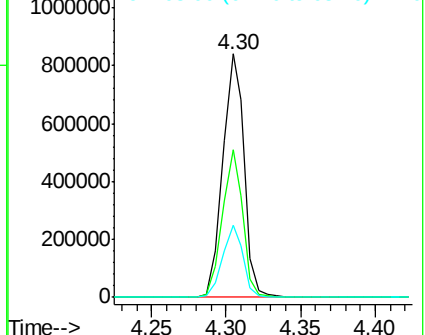
63 29.7 23.4 35.0



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: 44.70 ng

RT: 5.39 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

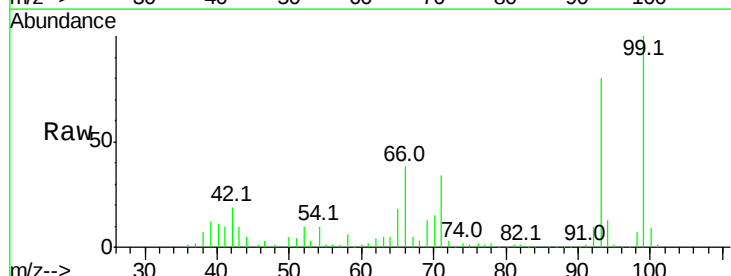
Tgt Ion: 93 Resp: 668820

Ion Ratio Lower Upper

93 100

66 47.8 32.9 49.3

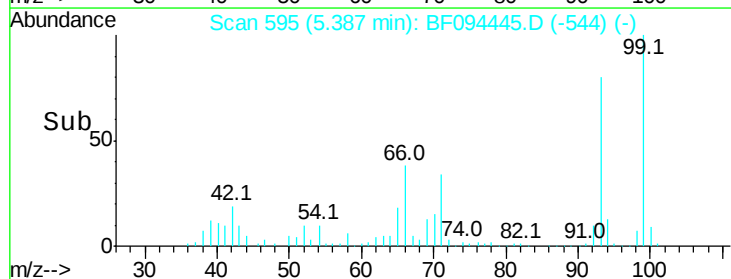
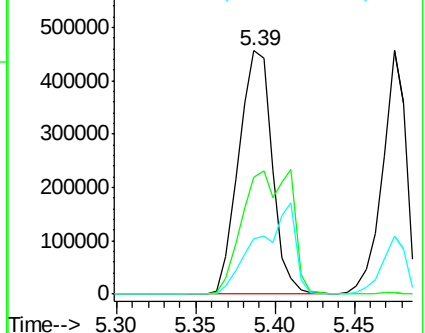
65 22.7 16.0 24.0

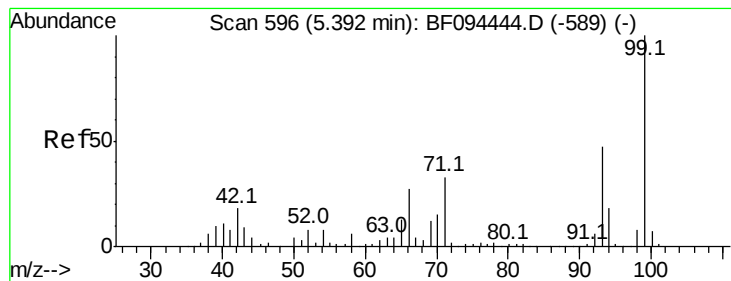


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 93.31 ng

RT: 5.39 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

Instrument :

BNA_F

ClientSampled :

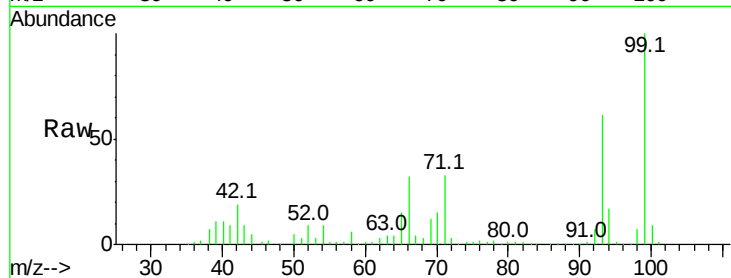
Tot Ion: 99 Resp: 1003593

Ion Ratio Lower Upper

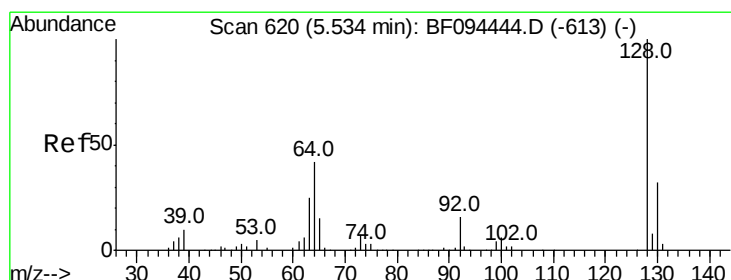
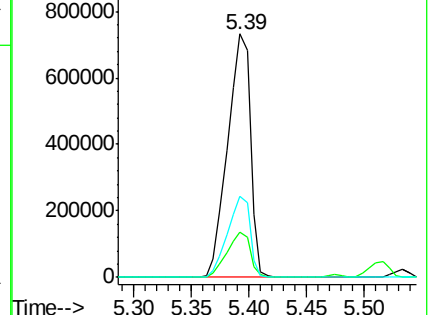
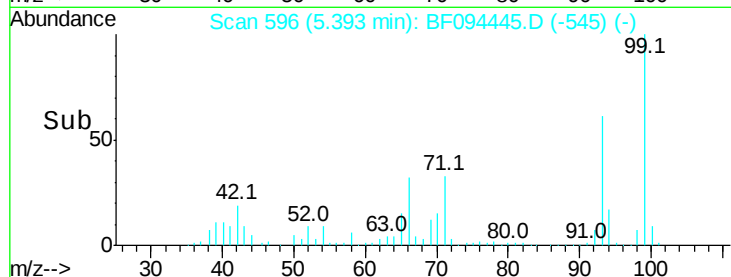
99 100

42 18.7 13.5 20.3

71 33.4 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: 51.23 ng

RT: 5.53 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

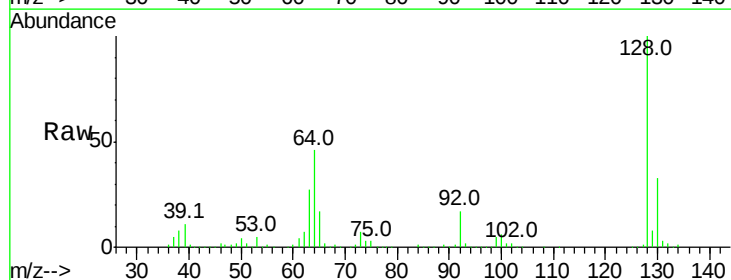
Tgt Ion: 128 Resp: 489523

Ion Ratio Lower Upper

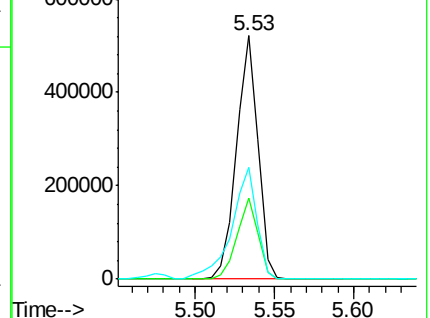
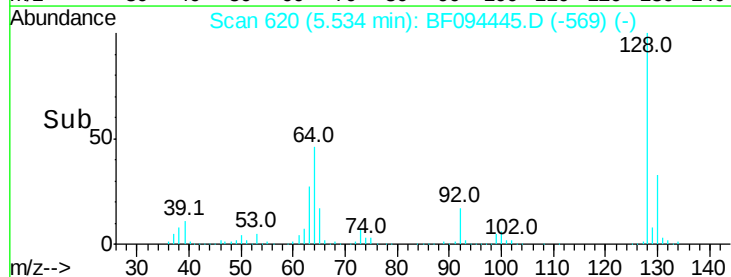
128 100

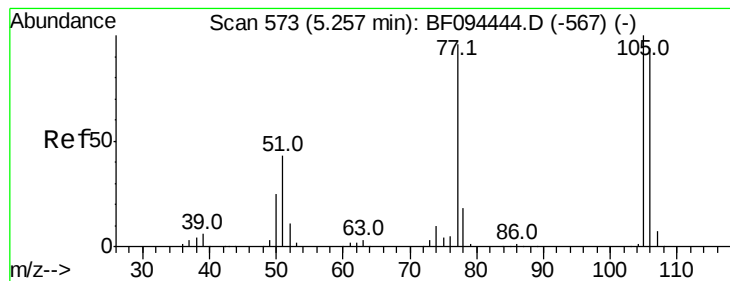
130 33.1 12.9 52.9

64 46.0 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: 53.13 ng

RT: 5.26 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

Instrument :

BNA_F

ClientSampleId :

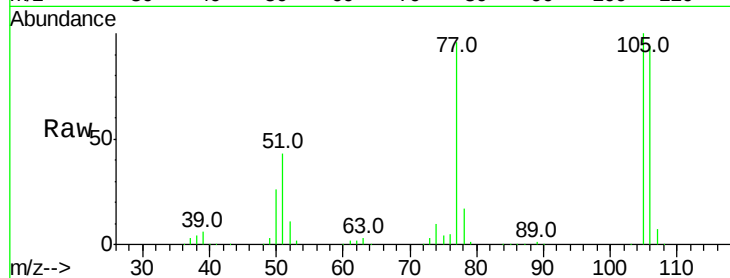
Tot Ion: 77 Resp: 385820

Ion Ratio Lower Upper

77 100

105 104.2 83.8 123.8

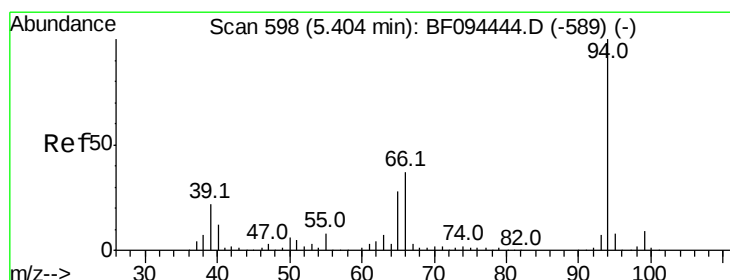
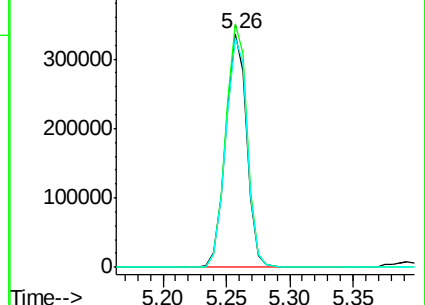
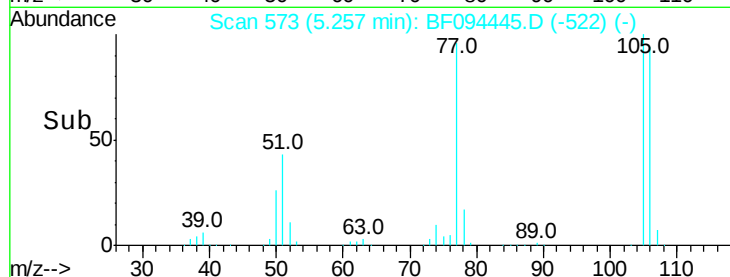
106 98.2 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 51.12 ng

RT: 5.41 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

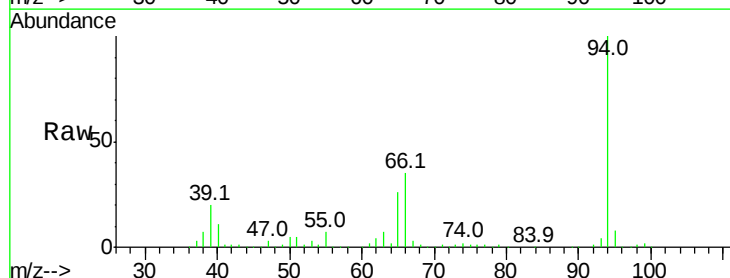
Tgt Ion: 94 Resp: 625674

Ion Ratio Lower Upper

94 100

65 25.9 9.9 49.9

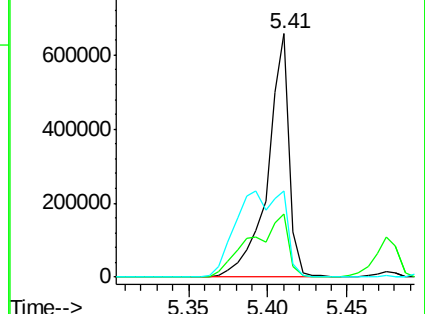
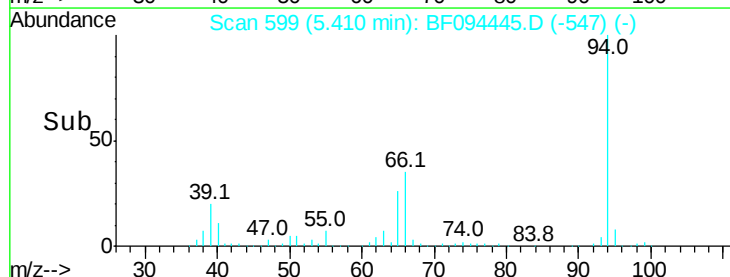
66 35.5 23.1 63.1

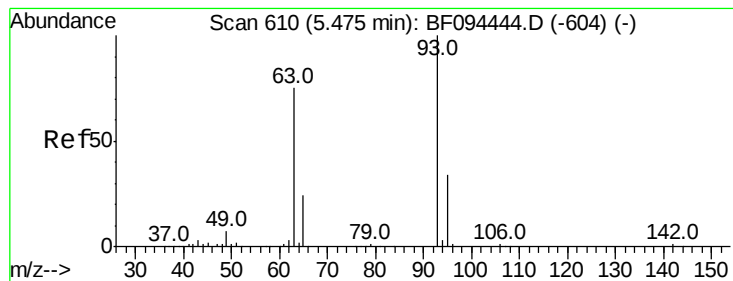


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

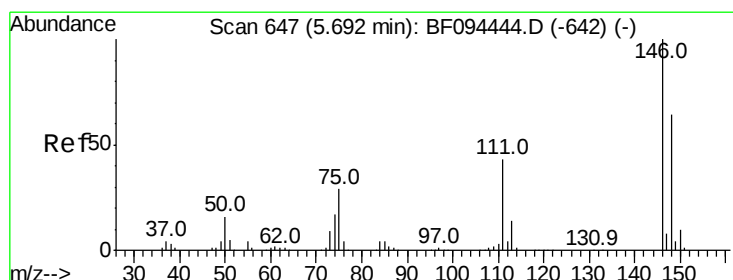
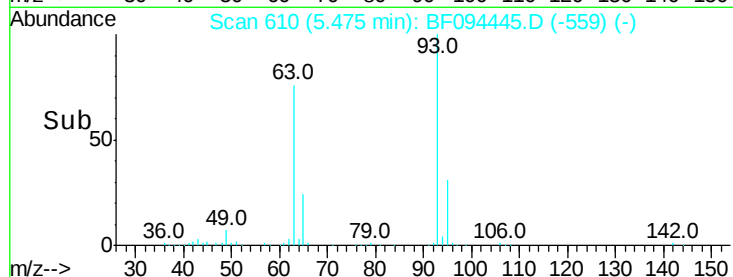
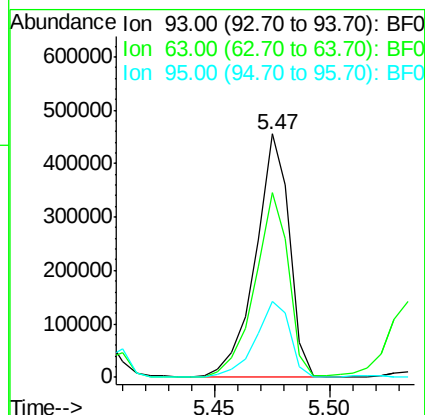
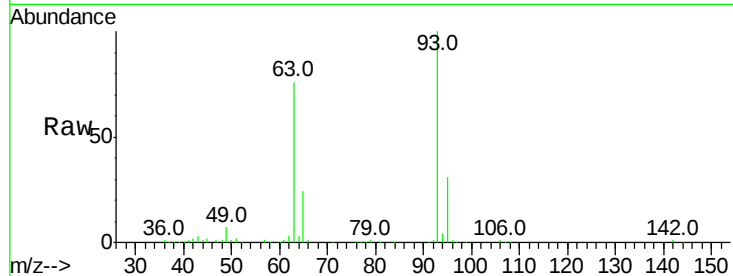




#11
bis(2-Chloroethyl)ether
Concen: 48.47 ng
RT: 5.47 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

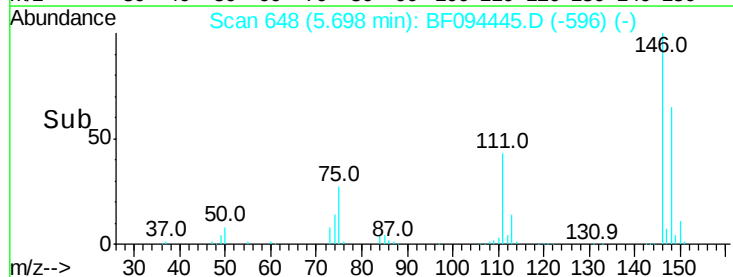
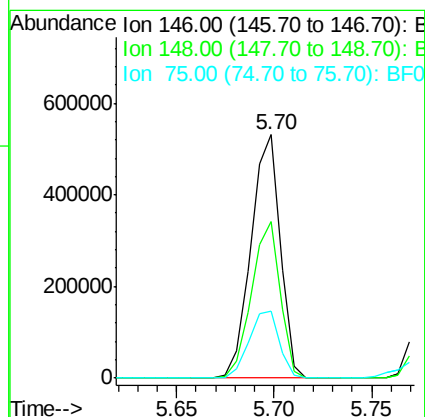
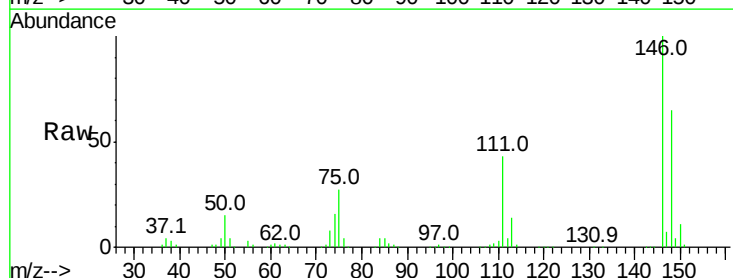
Instrument :
BNA_F
ClientSampled :

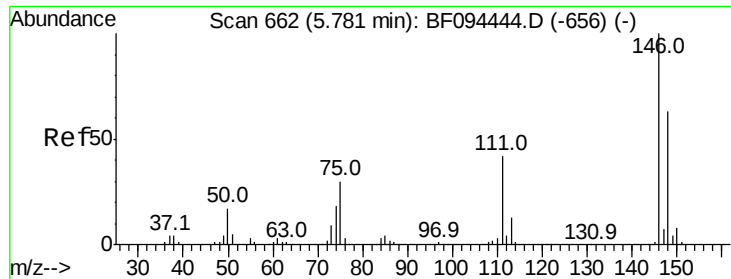
Tot Ion: 93 Resp: 463562
Ion Ratio Lower Upper
93 100
63 75.7 59.2 99.2
95 31.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 51.32 ng
RT: 5.70 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Tgt Ion: 146 Resp: 550158
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
75 27.4 23.1 34.7

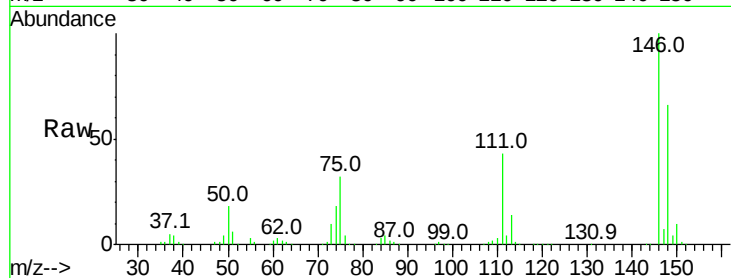




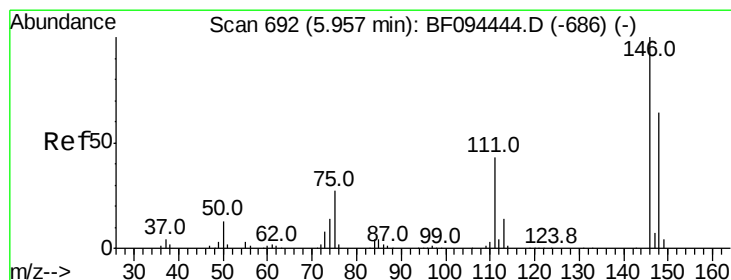
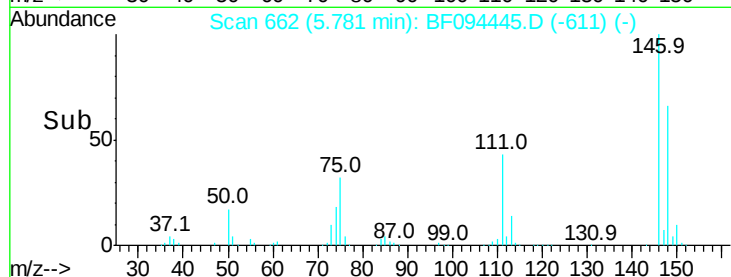
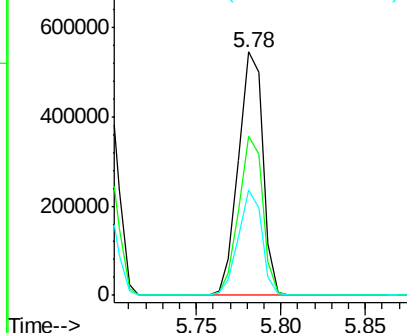
#13
 1,4-Dichlorobenzene
 Concen: 50.80 ng
 RT: 5.78 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 551488
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.2 78.2
 111 43.3 30.3 45.5

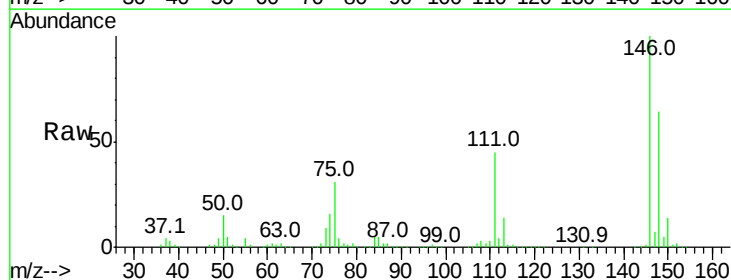


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

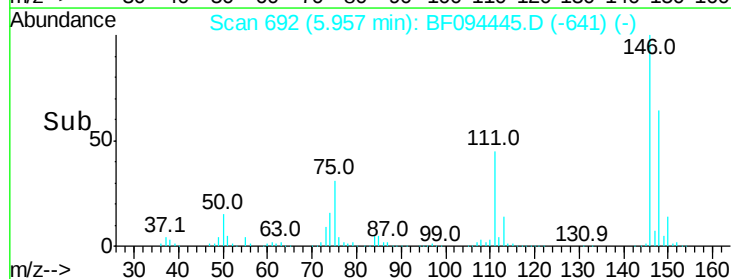
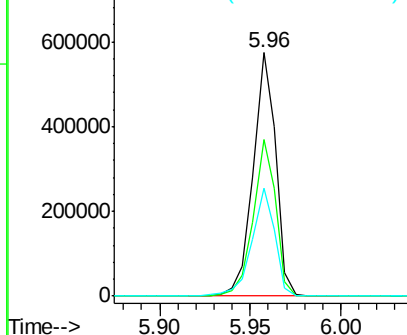


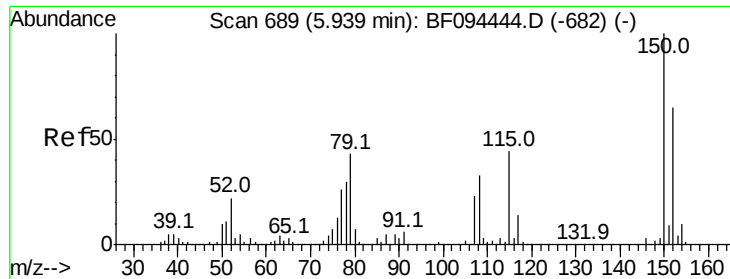
#14
 1,2-Dichlorobenzene
 Concen: 49.57 ng
 RT: 5.96 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Tgt Ion:146 Resp: 495622
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 44.5 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

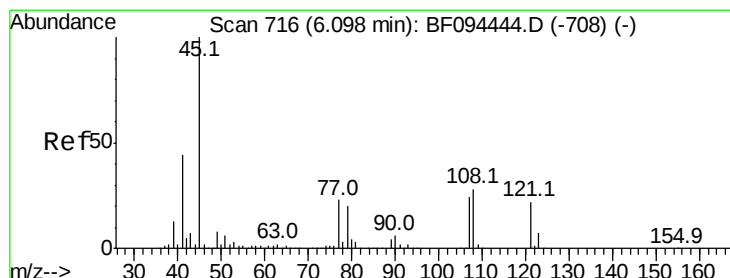
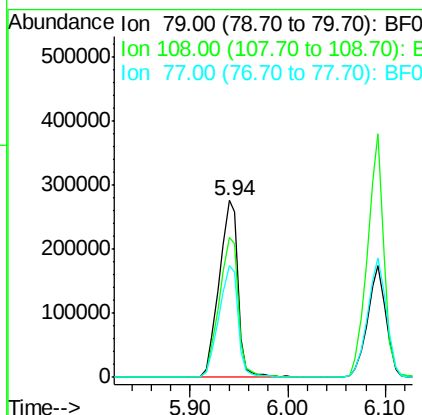
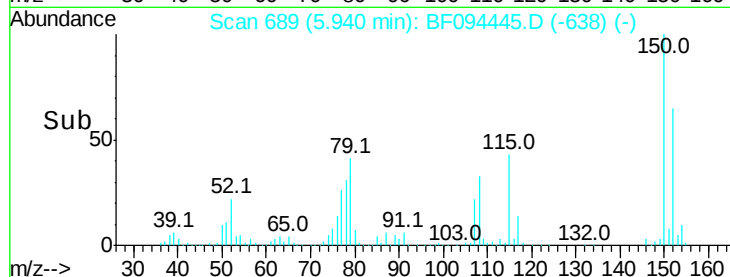
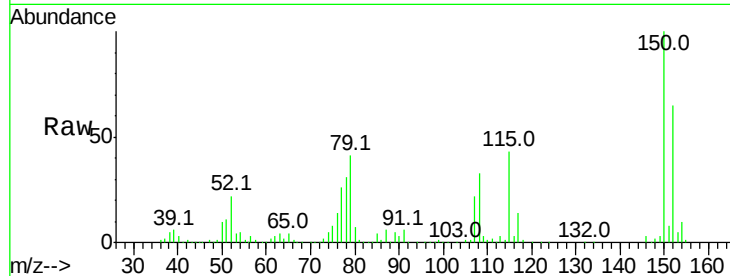




#15
Benzyl Alcohol
Concen: 47.40 ng
RT: 5.94 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

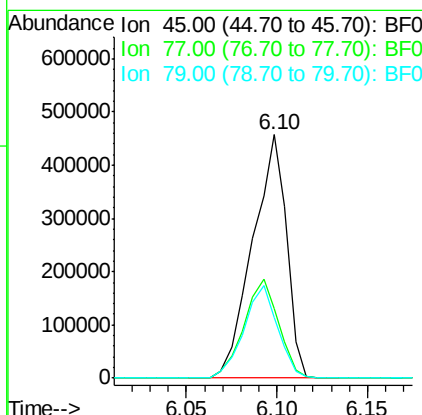
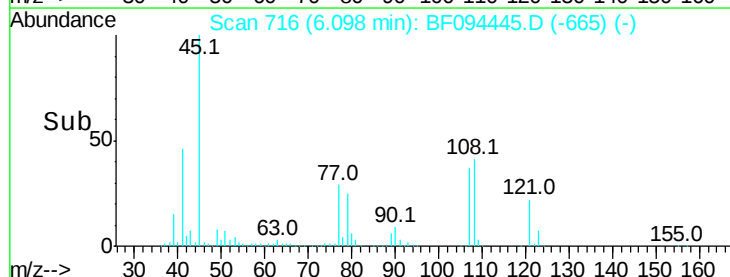
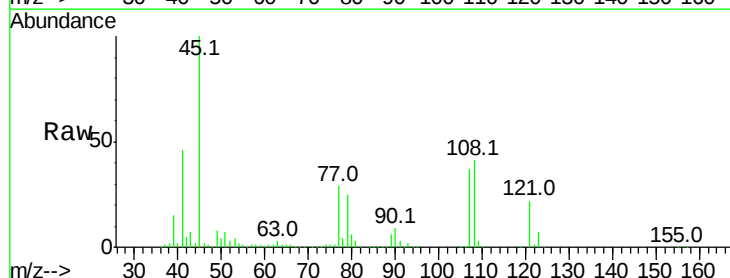
Instrument :
BNA_F
ClientSampleId :

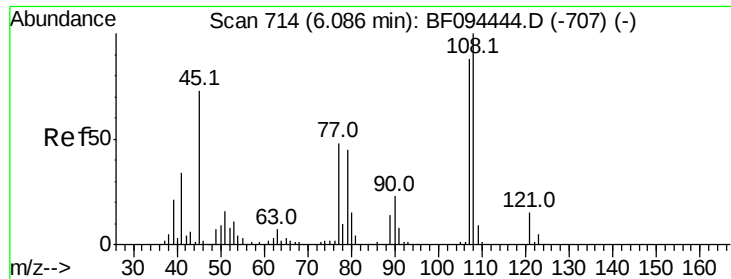
Tot Ion: 79 Resp: 373169
Ion Ratio Lower Upper
79 100
108 78.9 63.4 95.0
77 63.5 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.39 ng
RT: 6.10 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Tgt Ion: 45 Resp: 595255
Ion Ratio Lower Upper
45 100
77 28.6 0.0 33.2
79 25.0 0.0 30.0





#17

2-Methylphenol

Concen: 47.68 ng

RT: 6.09 min Scan# 715

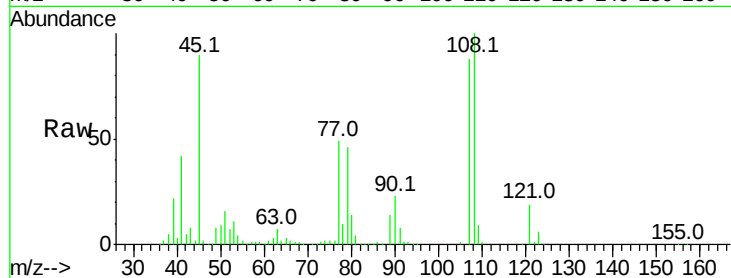
Delta R.T. 0.01 min

Lab File: BF094445.D

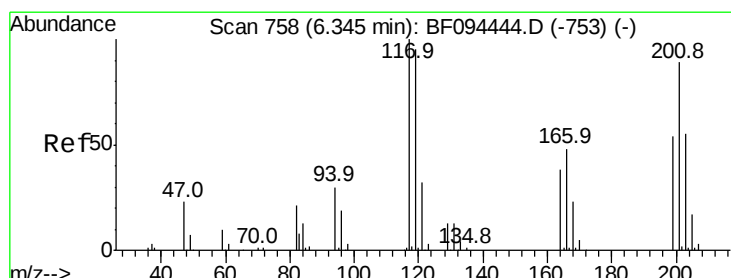
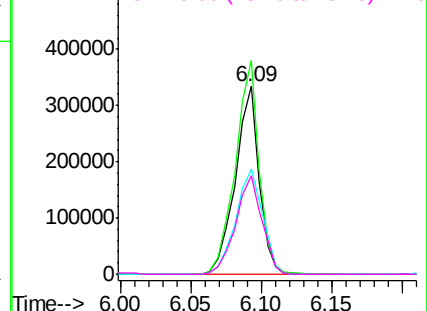
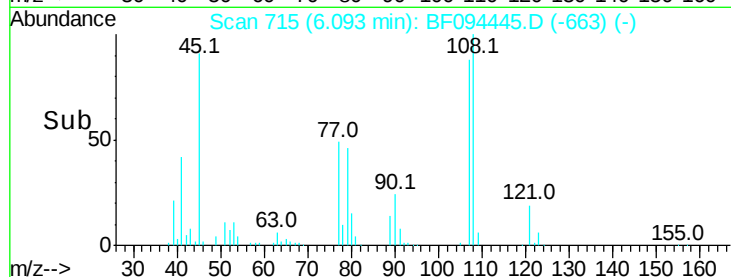
Acq: 17 Apr 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	390180
Ion	Ratio	Lower	Upper
107	100		
108	113.6	93.4	140.0
77	55.6	35.8	53.6#
79	52.4	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: 50.17 ng

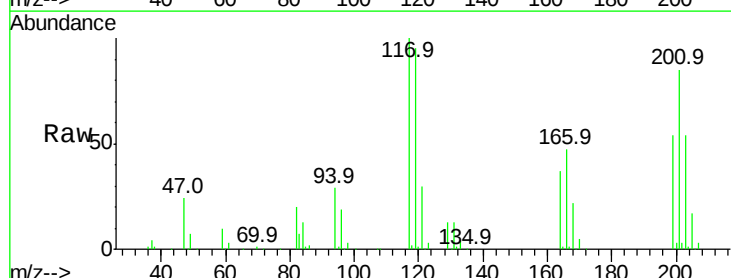
RT: 6.35 min Scan# 758

Delta R.T. 0.00 min

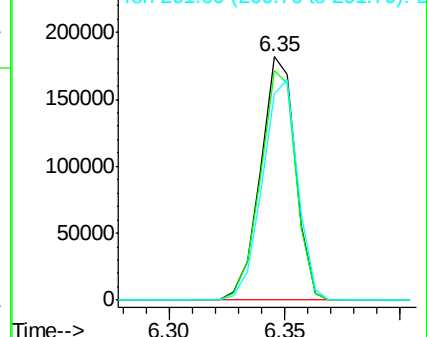
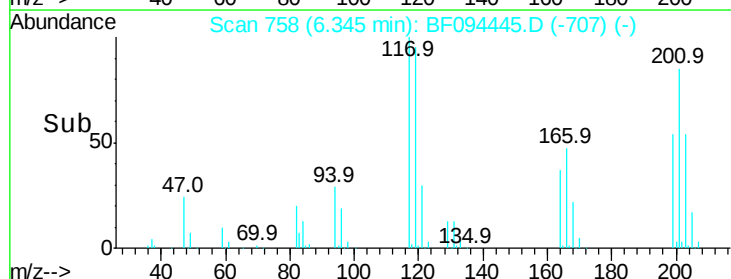
Lab File: BF094445.D

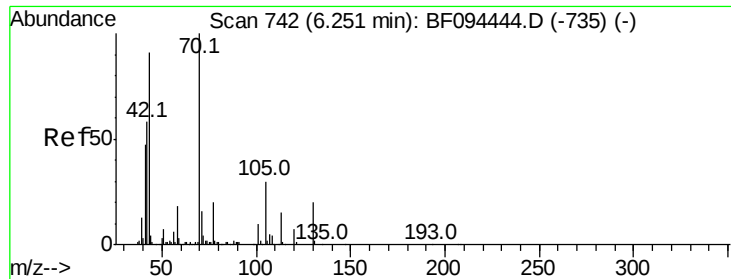
Acq: 17 Apr 2017 13:11

Tgt Ion:	117	Resp:	191446
Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.4	116.0
201	84.7	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

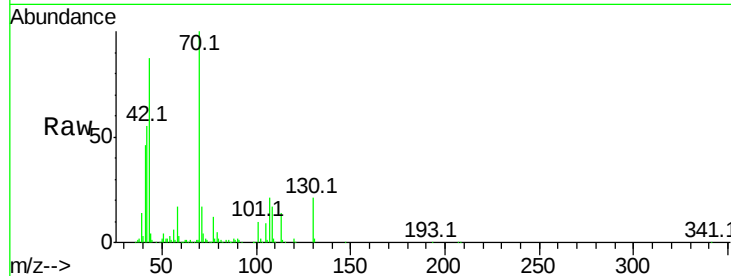




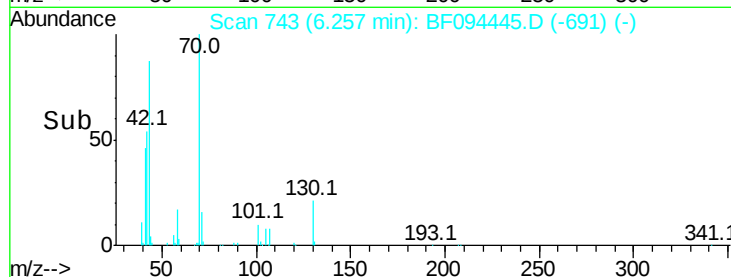
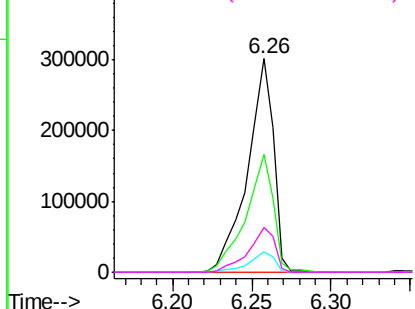
#19
n-Nitroso-di-n-propylamine
Concen: 49.64 ng
RT: 6.26 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 343144
Ion Ratio Lower Upper
70 100
42 55.0 47.2 70.8
101 9.8 7.2 10.8
130 21.1 15.9 23.9



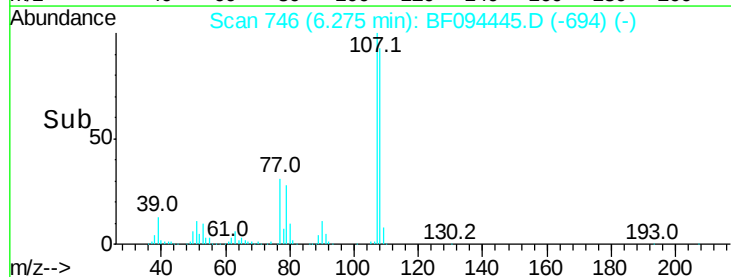
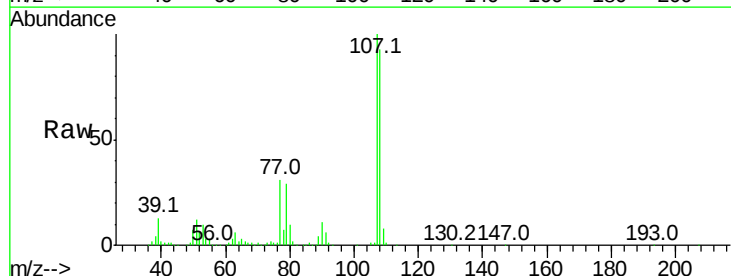
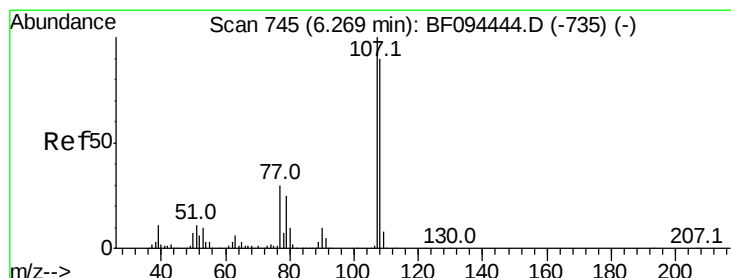
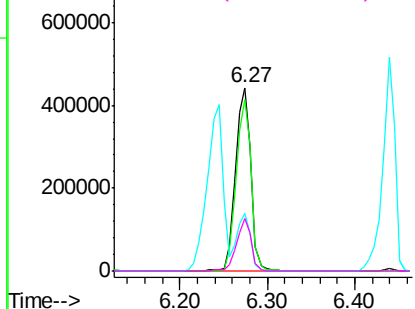
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

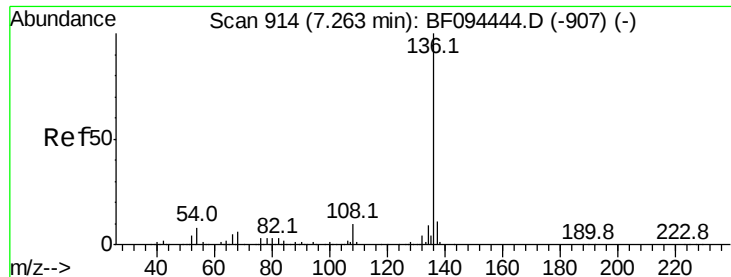


#20
3+4-Methylphenols
Concen: 53.69 ng
RT: 6.27 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Tgt Ion:107 Resp: 532212
Ion Ratio Lower Upper
107 100
108 93.4 71.0 111.0
77 31.3 90.5 130.5#
79 29.0 8.4 48.4

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

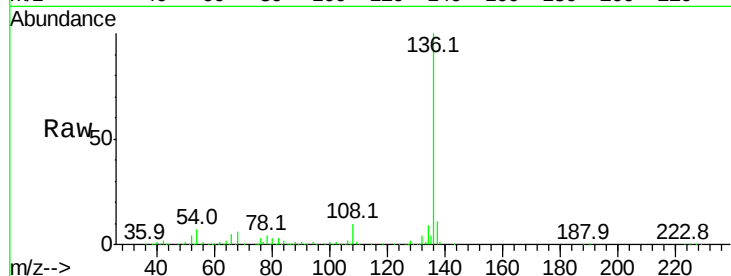




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 601047
Ion Ratio	Lower Upper
136 100	
137 11.1	8.5 12.7
54 7.3	4.9 7.3
68 5.6	4.1 6.1



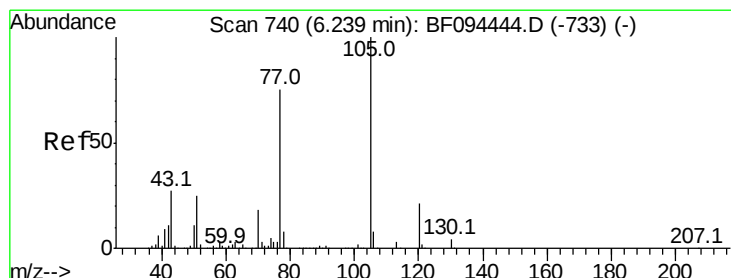
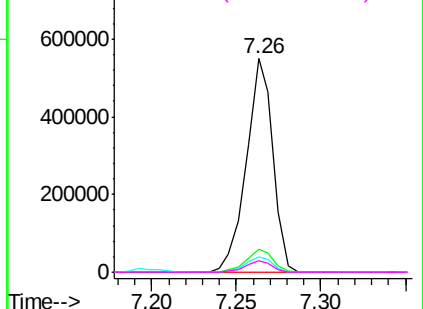
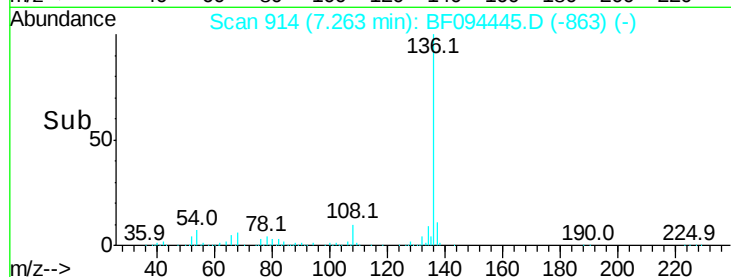
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

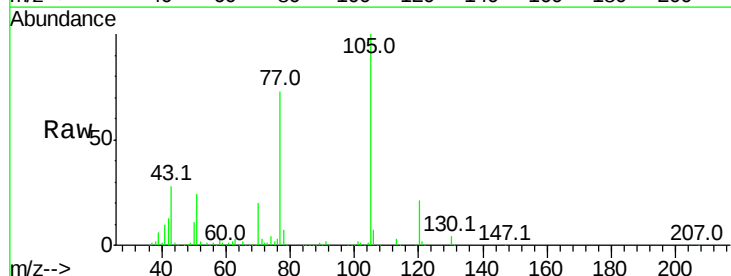
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 52.78 ng
RT: 6.25 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Tgt Ion:105	Resp: 706990
Ion Ratio	Lower Upper
105 100	
71 3.3	2.8 4.2
51 23.8	30.7 46.1#
120 21.3	17.4 26.0



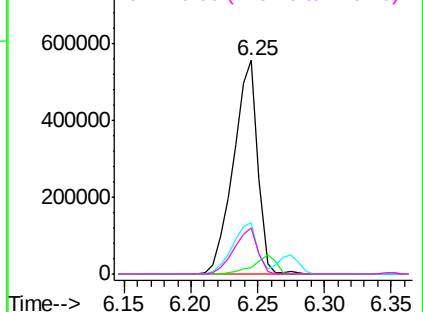
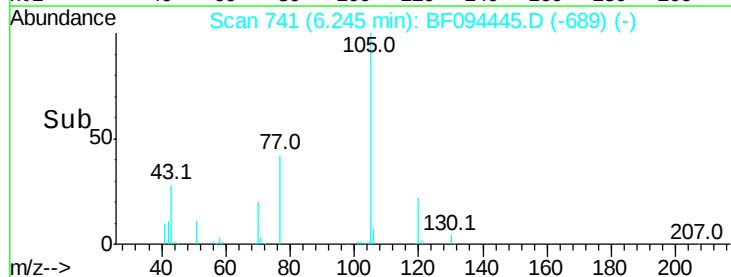
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

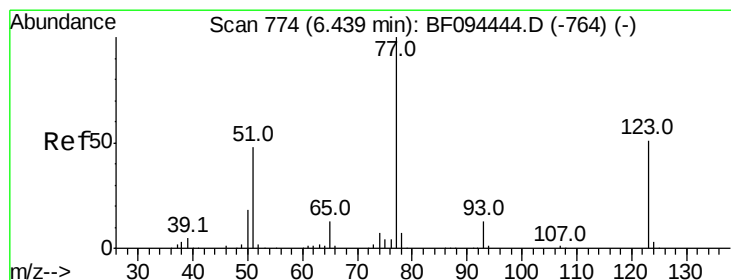
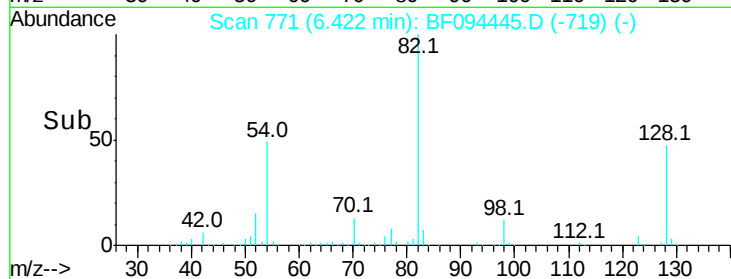
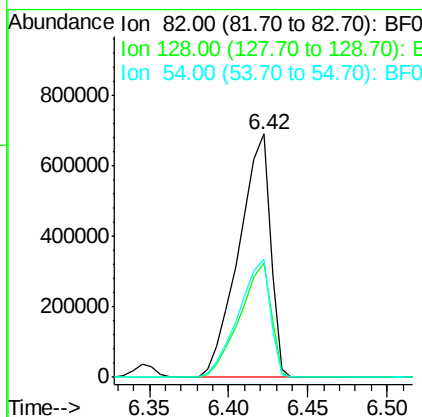
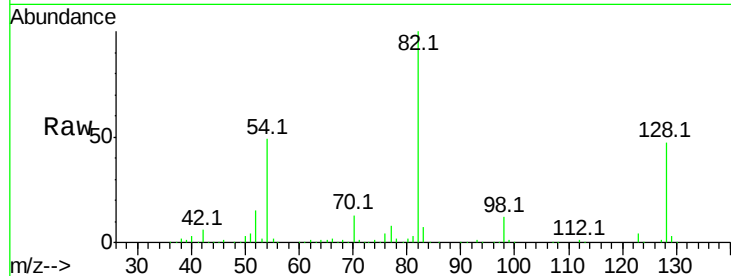




#23
 Nitrobenzene-d5
 Concen: 90.58 ng
 RT: 6.42 min Scan# 771
 Delta R.T. 0.01 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

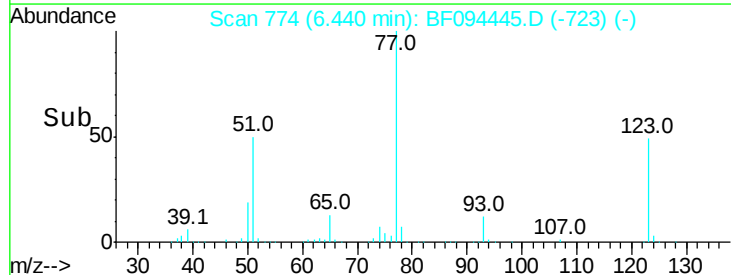
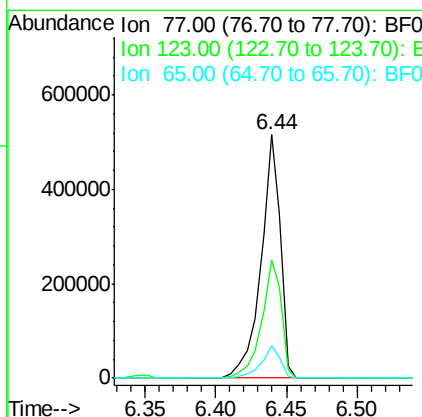
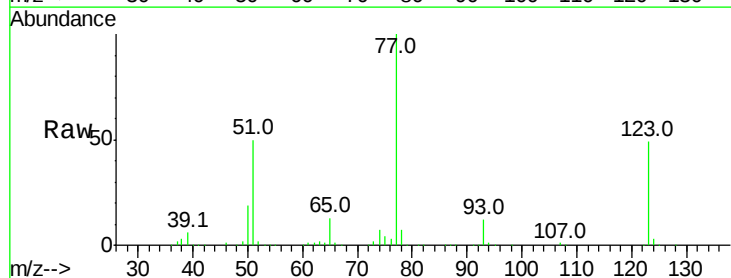
Instrument :
 BNA_F
 ClientSampleId :

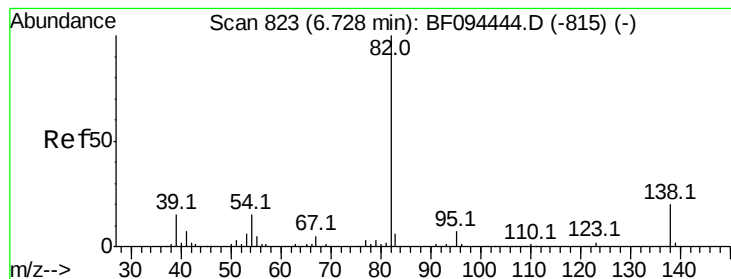
Tot Ion	82	Resp	953987
Ion Ratio	100	Lower	Upper
128	46.9	34.0	51.0
54	48.7	42.2	63.2



#24
 Nitrobenzene
 Concen: 48.23 ng
 RT: 6.44 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Tgt Ion	77	Resp	501006
Ion Ratio	100	Lower	Upper
123	48.8	35.8	53.8
65	13.3	10.6	15.8





#25

Isophorone

Concen: 47.60 ng

RT: 6.73 min Scan# 824

Delta R.T. 0.01 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

Instrument :

BNA_F

ClientSampleId :

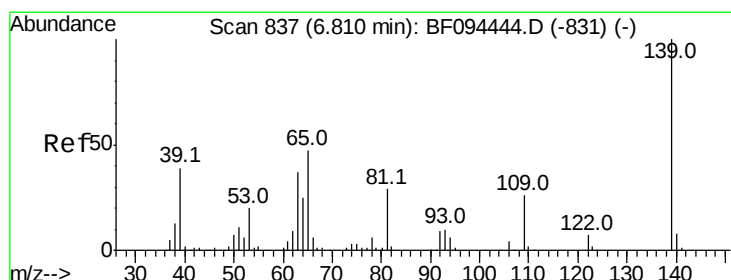
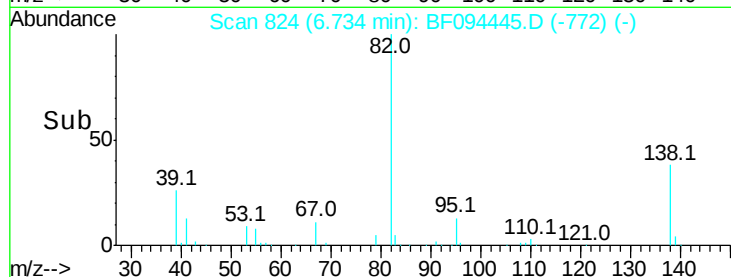
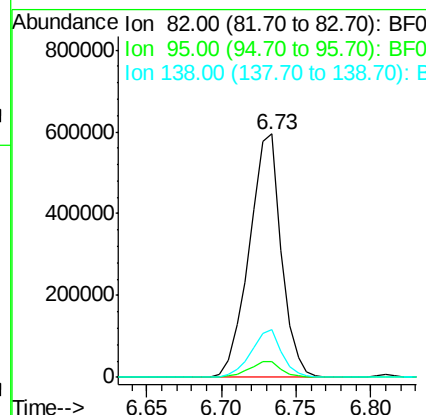
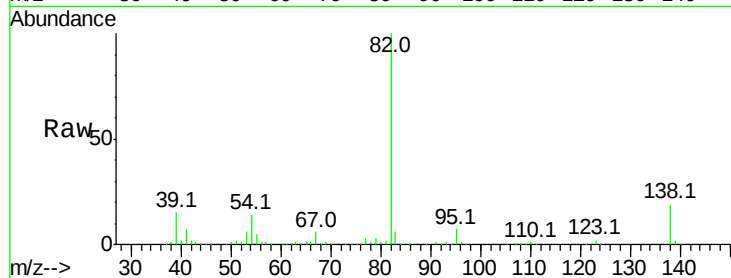
Tot Ion: 82 Resp: 880862

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.4 13.1 19.7



#26

2-Nitrophenol

Concen: 56.29 ng

RT: 6.82 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

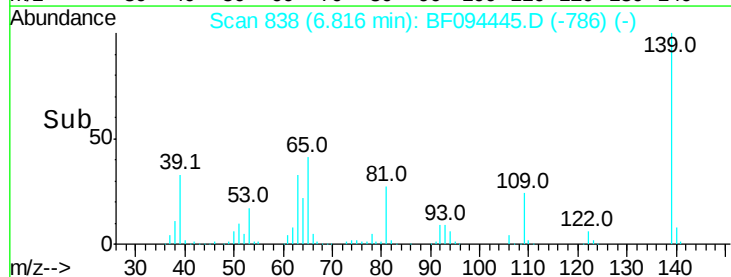
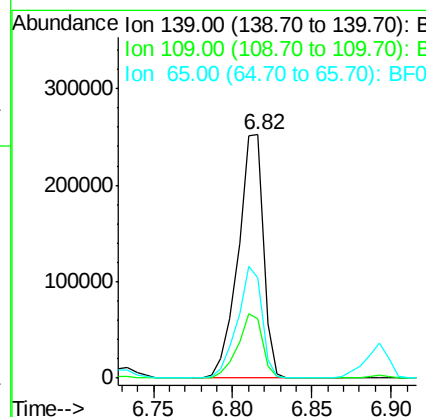
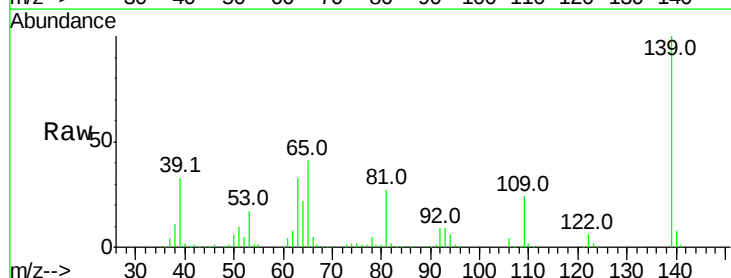
Tgt Ion:139 Resp: 278832

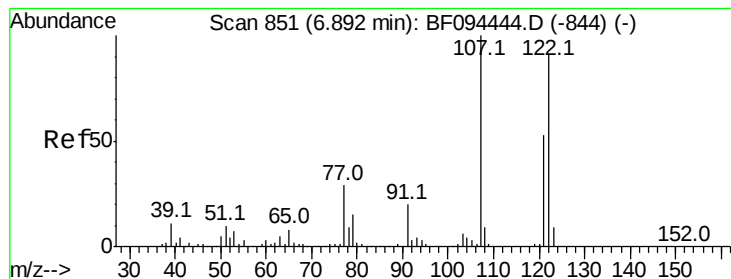
Ion Ratio Lower Upper

139 100

109 24.2 21.0 31.6

65 41.0 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 50.53 ng

RT: 6.89 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

Instrument :

BNA_F

ClientSampleId :

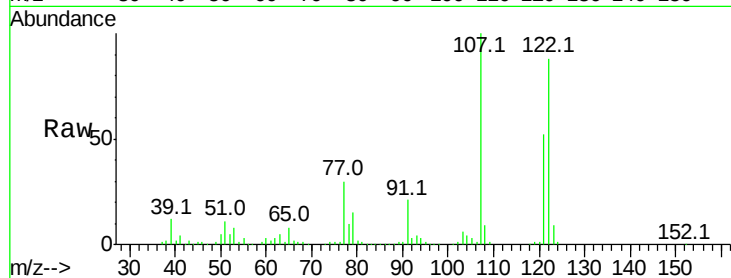
Tot Ion:122 Resp: 431277

Ion Ratio Lower Upper

122 100

107 113.2 89.2 133.8

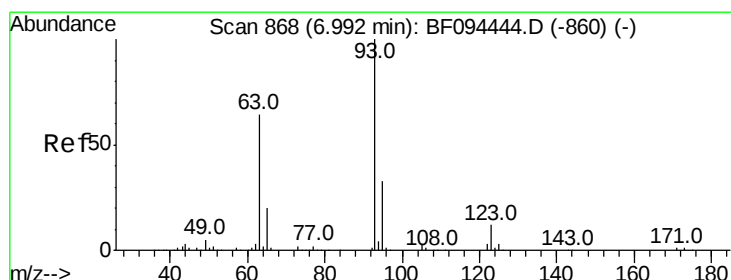
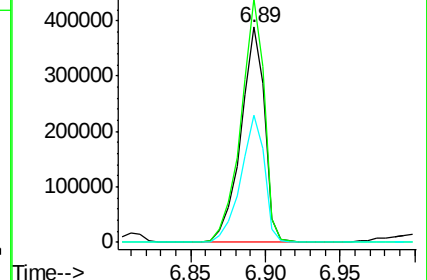
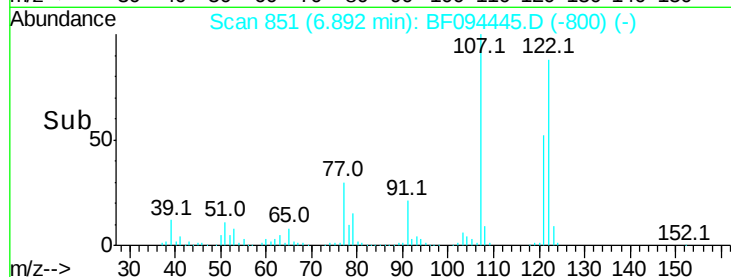
121 59.3 45.2 67.8



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: 46.20 ng

RT: 6.99 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

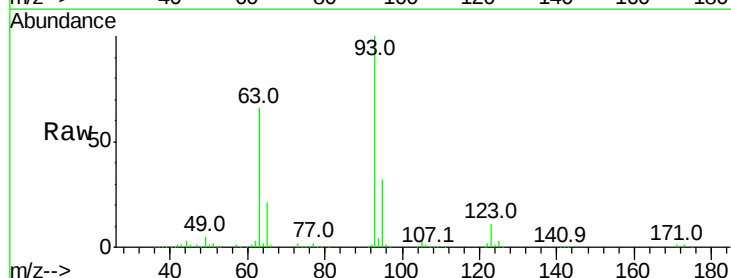
Tgt Ion: 93 Resp: 563846

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

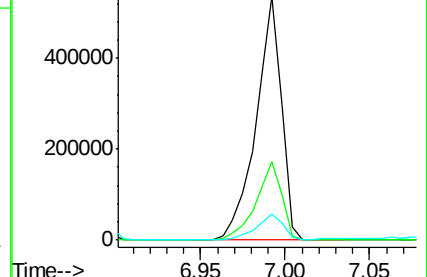
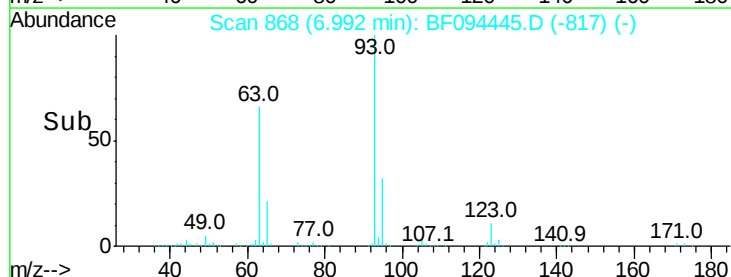
123 10.9 9.0 13.4

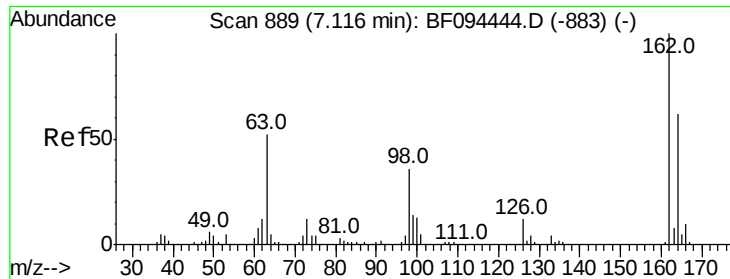


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

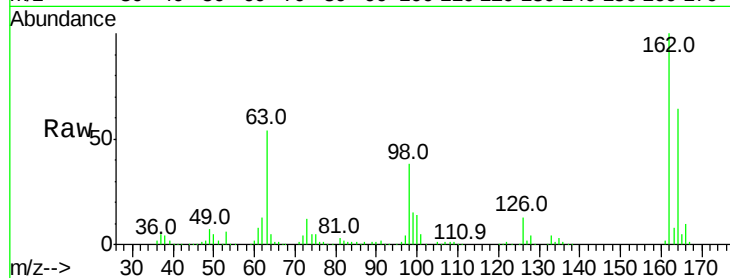




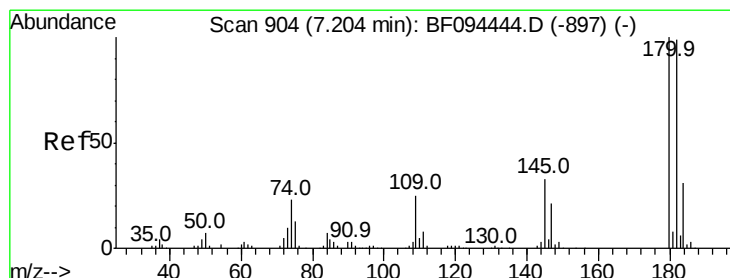
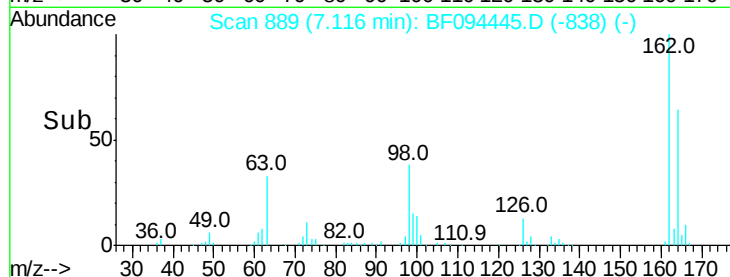
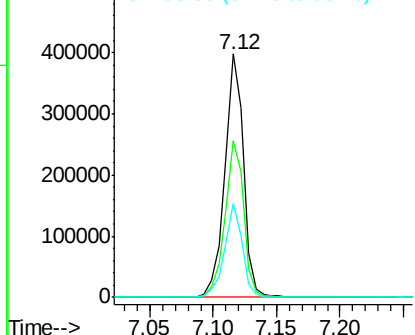
#29
 2,4-Dichlorophenol
 Concen: 50.81 ng
 RT: 7.12 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	38.4	14.8	54.8

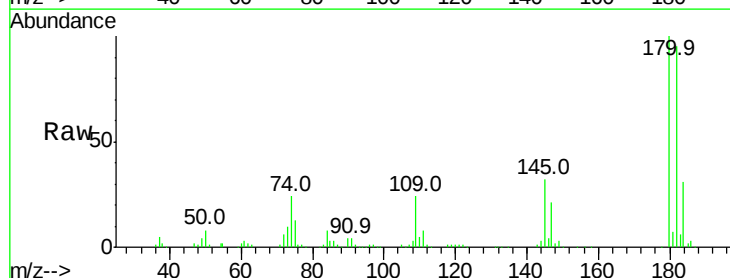


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

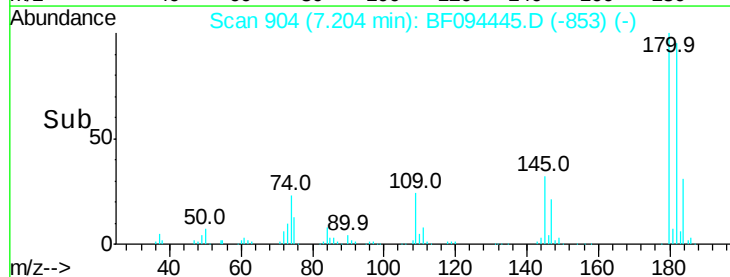
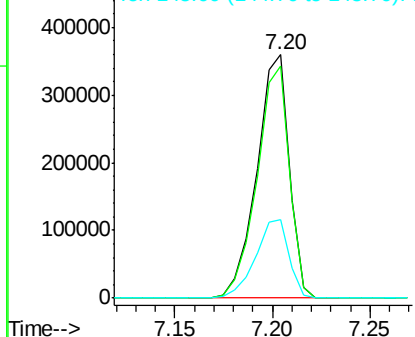


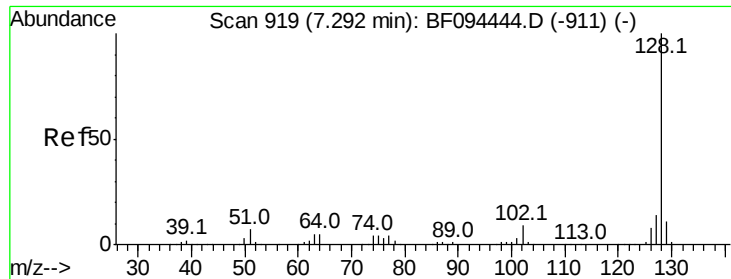
#30
 1,2,4-Trichlorobenzene
 Concen: 50.31 ng
 RT: 7.20 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.6
145	32.5	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

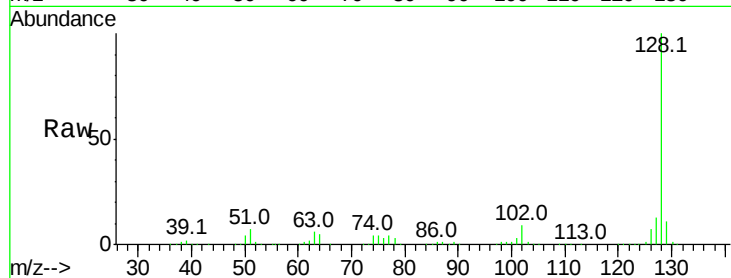




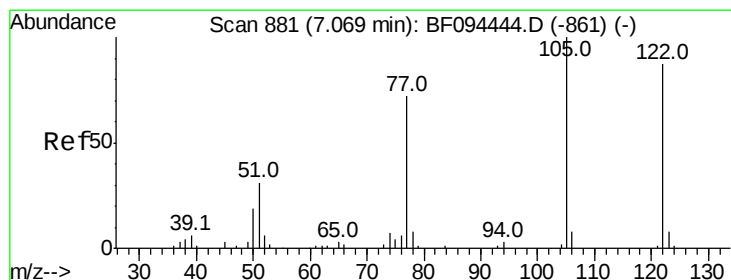
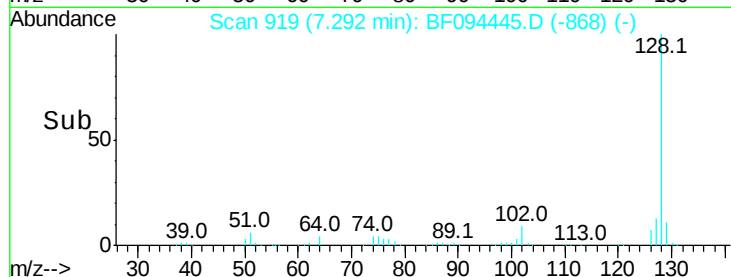
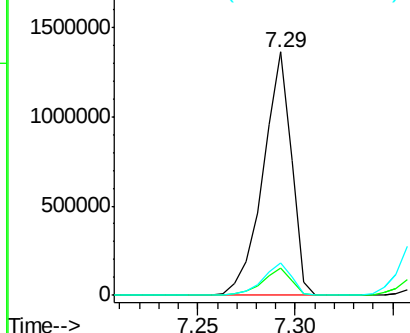
#31
Naphthalene
Concen: 47.35 ng
RT: 7.29 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1368308
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.8 16.2

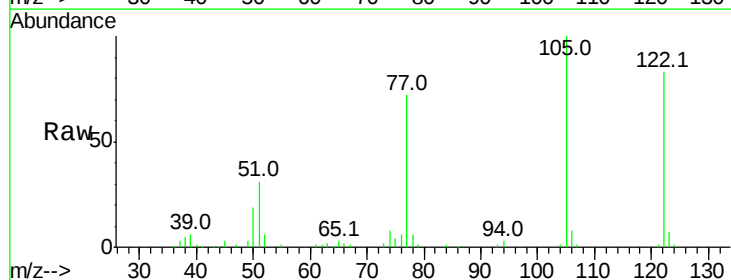


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

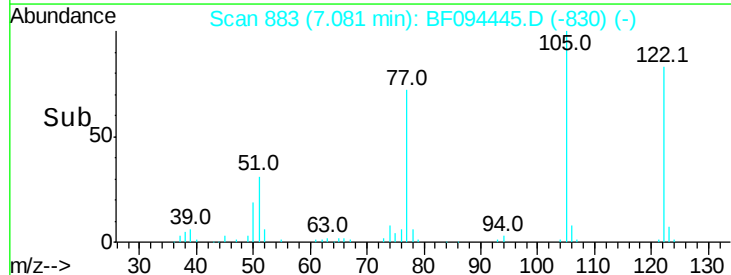
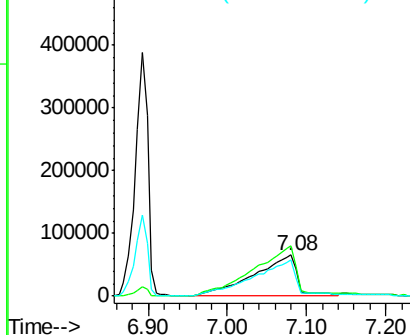


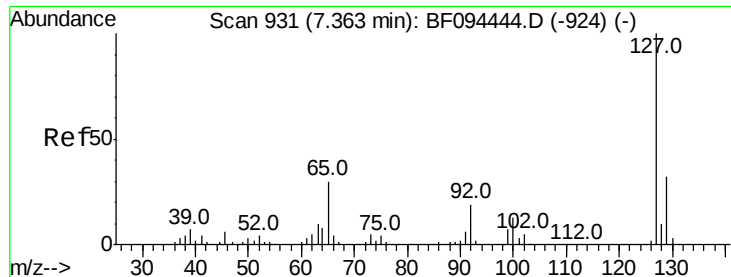
#32
Benzoic acid
Concen: 42.99 ng
RT: 7.08 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Tgt Ion:122 Resp: 244291
Ion Ratio Lower Upper
122 100
105 121.1 103.3 143.3
77 87.5 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

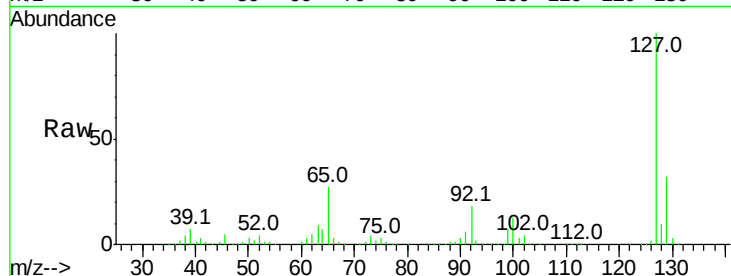




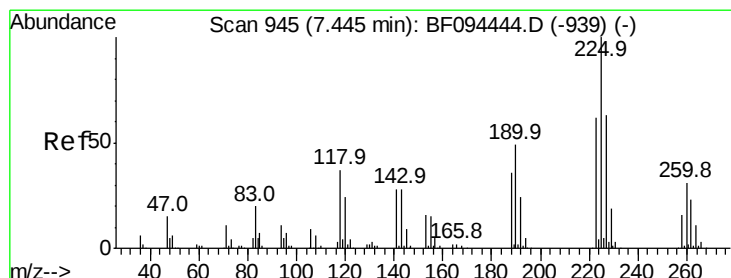
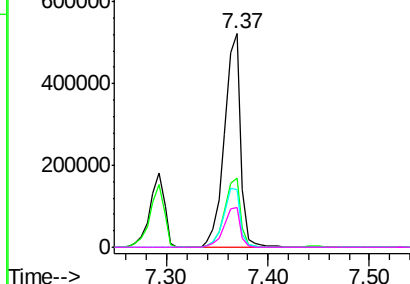
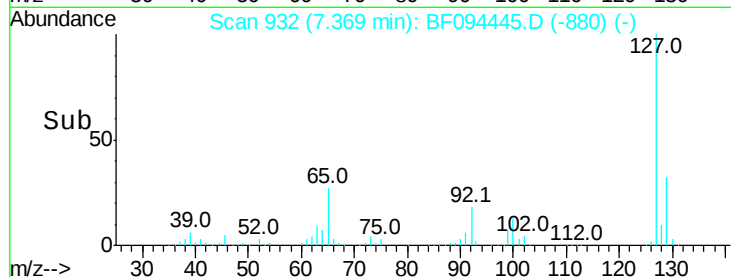
#33
4-Chloroaniline
Concen: 49.35 ng
RT: 7.37 min Scan# 932
Delta R.T. 0.01 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	578008
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	26.9	27.8	41.8#
92	18.3	16.8	25.2

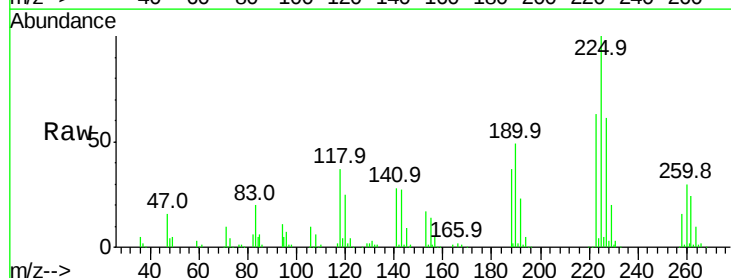


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

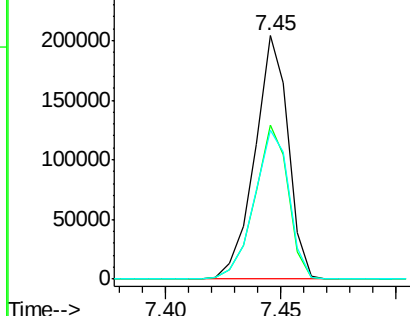
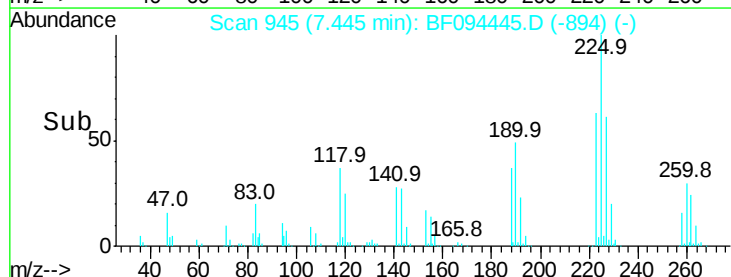


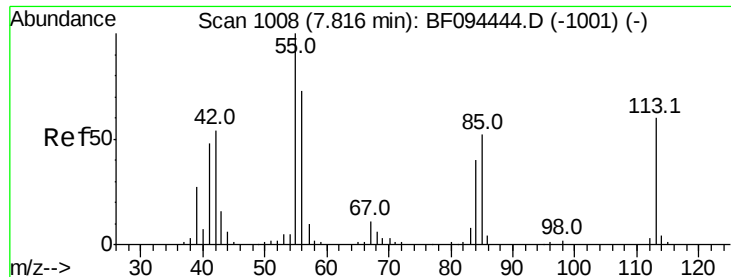
#34
Hexachlorobutadiene
Concen: 48.73 ng
RT: 7.45 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Tgt Ion:	225	Resp:	205401
Ion	Ratio	Lower	Upper
225	100		
223	63.2	48.8	73.2
227	61.4	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

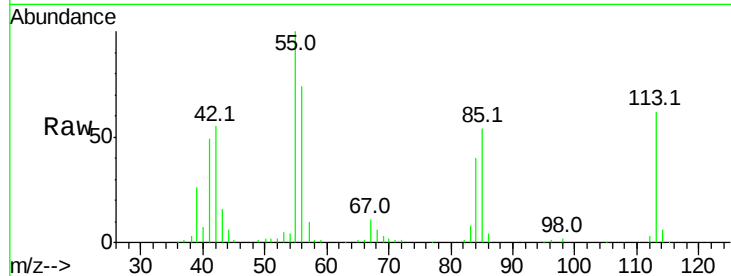




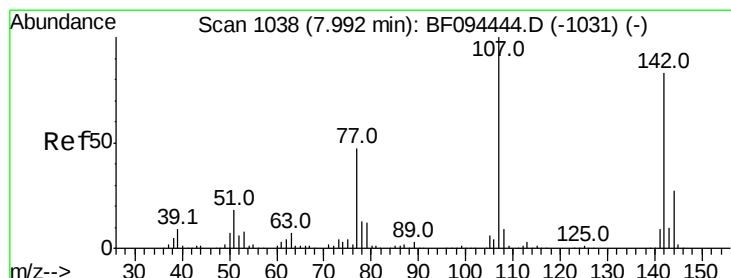
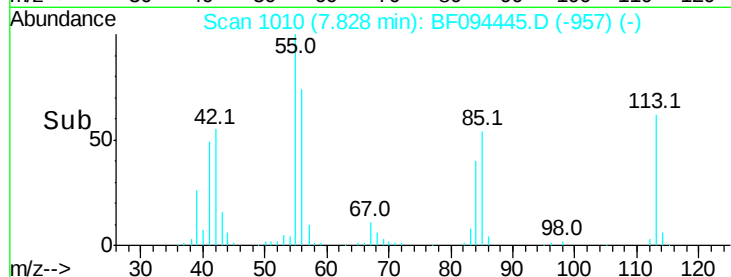
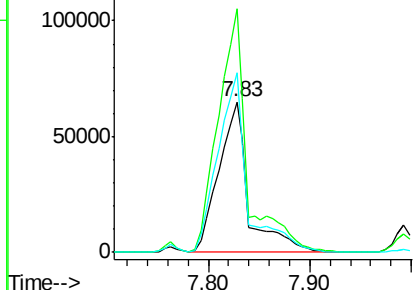
#35
 Caprolactam
 Concen: 52.10 ng
 RT: 7.83 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 132596
 Ion Ratio Lower Upper
 113 100
 55 161.9 150.2 190.2
 56 119.0 107.8 147.8

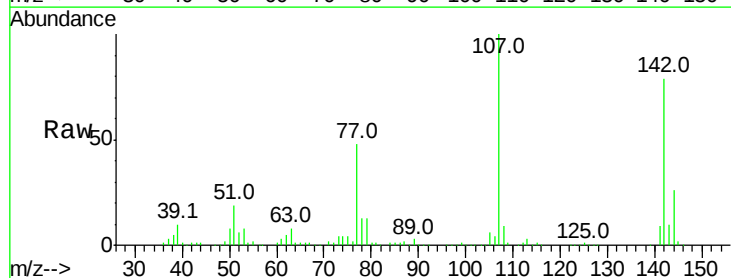


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

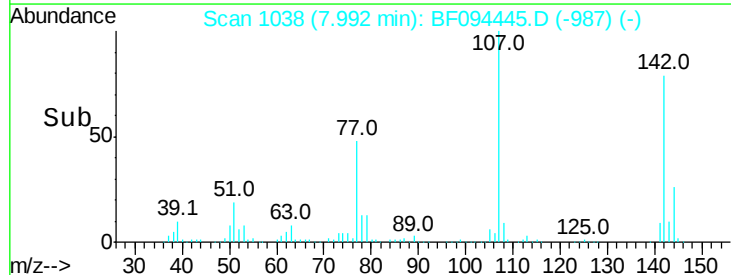
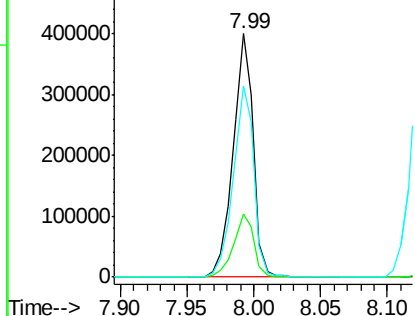


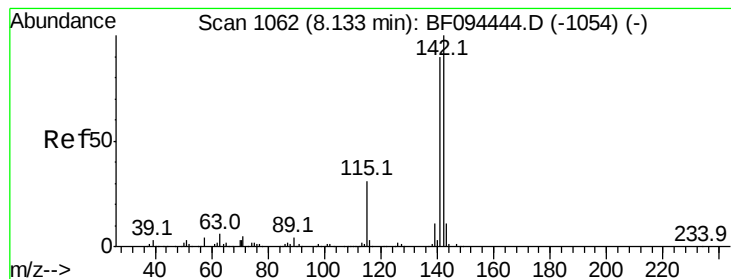
#36
 4-Chloro-3-methylphenol
 Concen: 50.73 ng
 RT: 7.99 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Tgt Ion:107 Resp: 423001
 Ion Ratio Lower Upper
 107 100
 144 25.8 24.2 36.4
 142 78.5 73.4 110.0



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





#37

2-Methylnaphthalene

Concen: 48.60 ng

RT: 8.13 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

Instrument :

BNA_F

ClientSampleId :

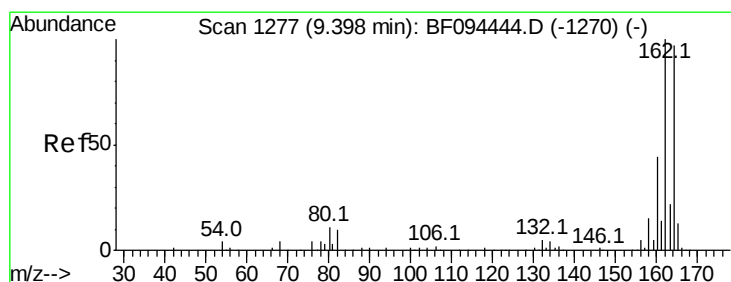
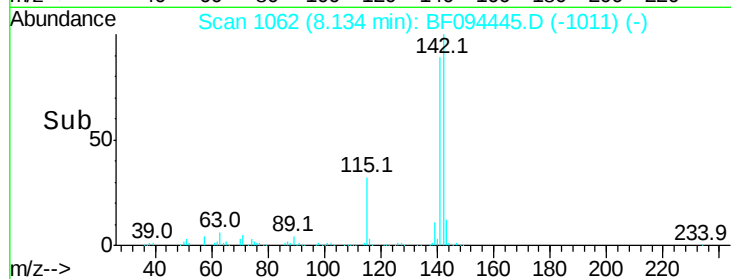
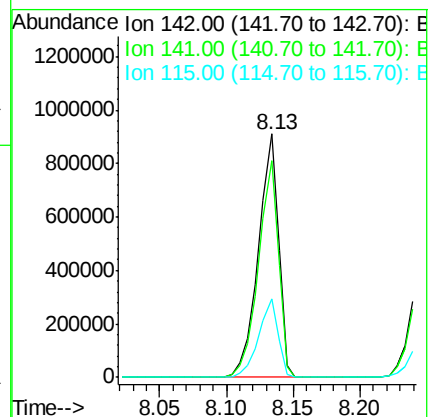
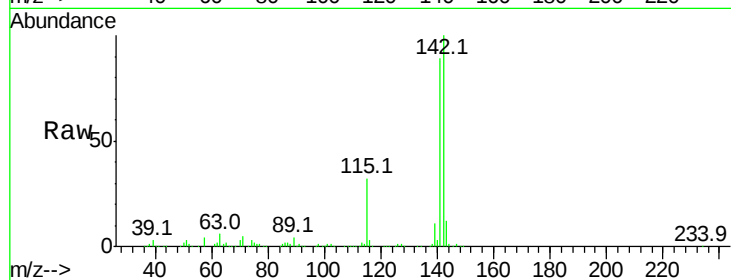
Tot Ion:142 Resp: 936215

Ion Ratio Lower Upper

142 100

141 88.9 71.3 106.9

115 32.4 27.1 40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

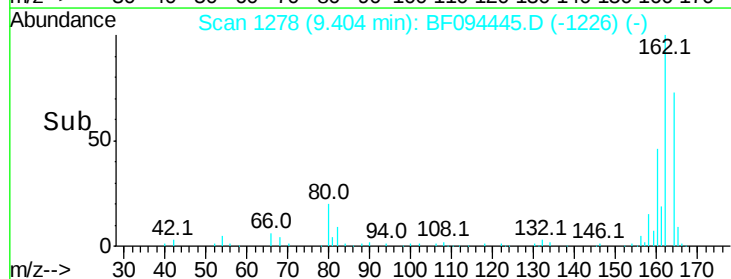
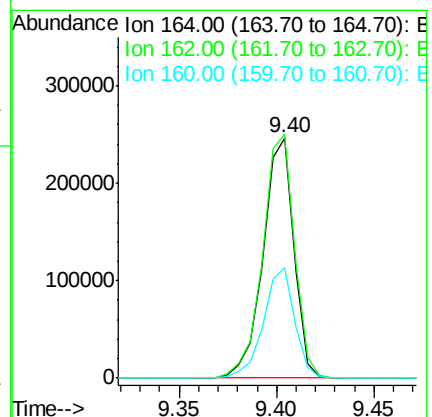
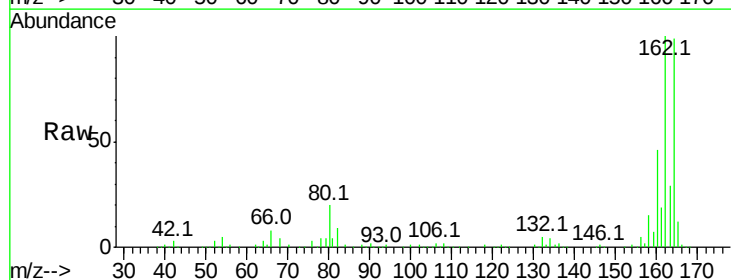
Tgt Ion:164 Resp: 269050

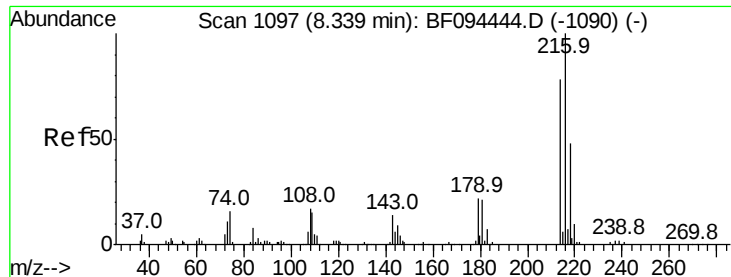
Ion Ratio Lower Upper

164 100

162 101.5 82.6 123.8

160 46.3 36.2 54.2

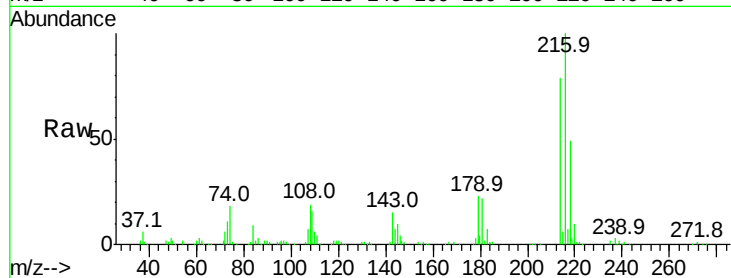




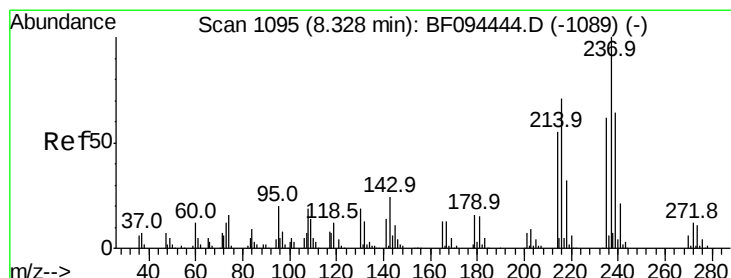
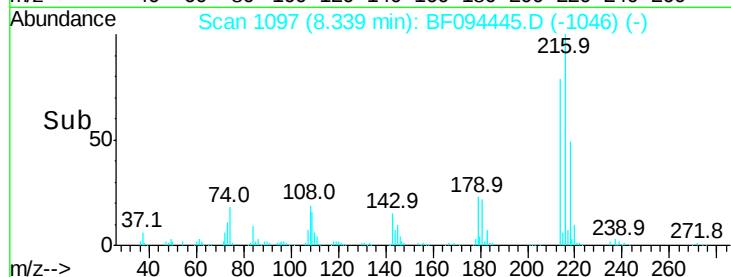
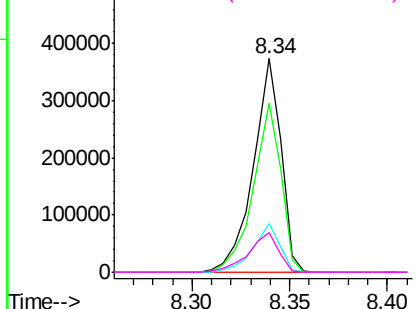
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.80 ng
 RT: 8.34 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	366554
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	22.3	17.9	26.9
108	20.3	16.5	24.7

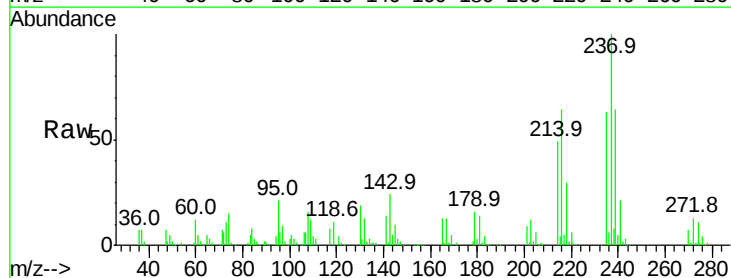


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

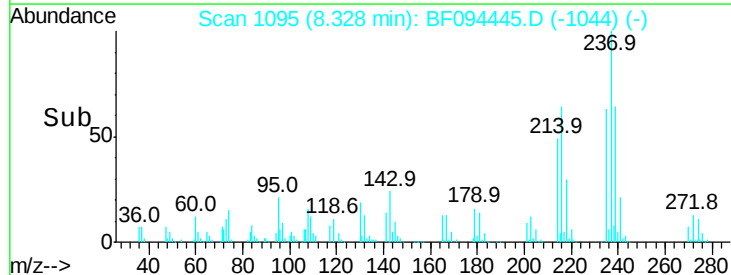
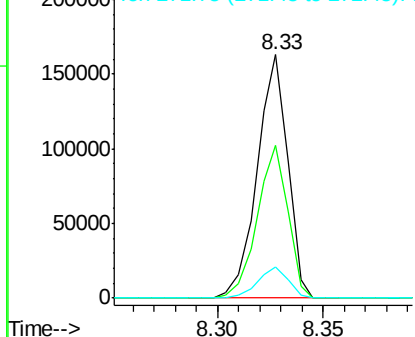


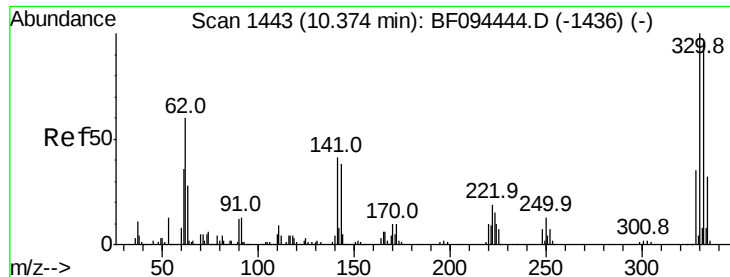
#40
 Hexachlorocyclopentadiene
 Concen: 47.57 ng
 RT: 8.33 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Tgt Ion:	237	Resp:	163830
Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.6	82.6
272	12.9	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

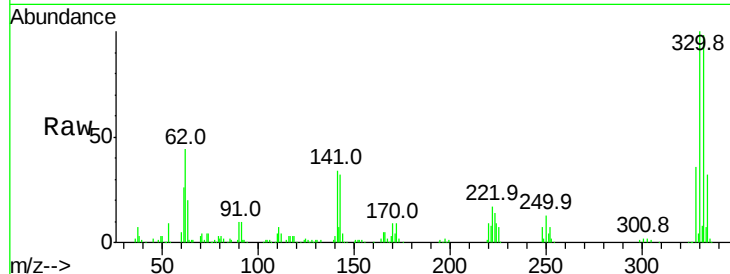




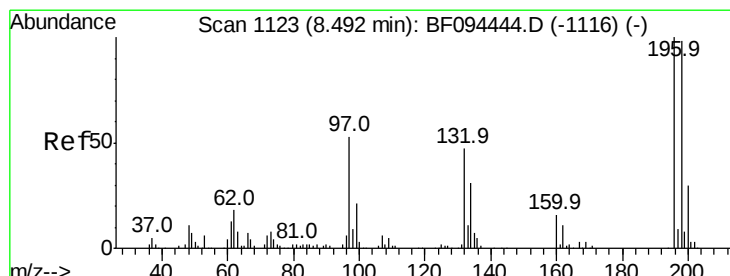
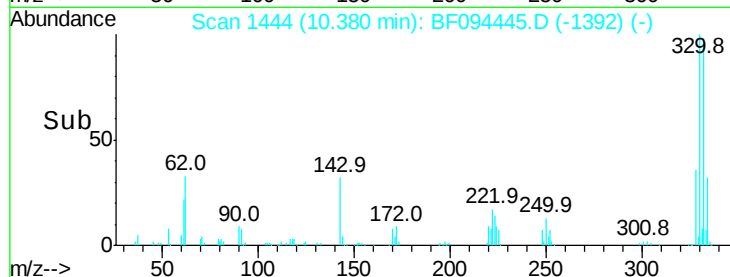
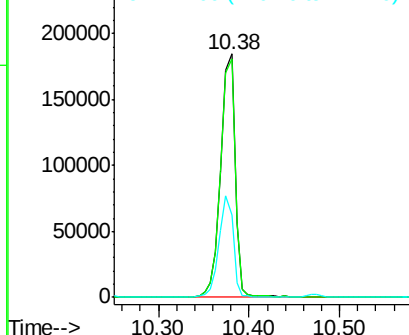
#41
 2,4,6-Tribromophenol
 Concen: 96.08 ng
 RT: 10.38 min Scan# 1444
 Delta R.T. 0.01 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 204273
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 115.0
 141 40.8 31.4 47.2

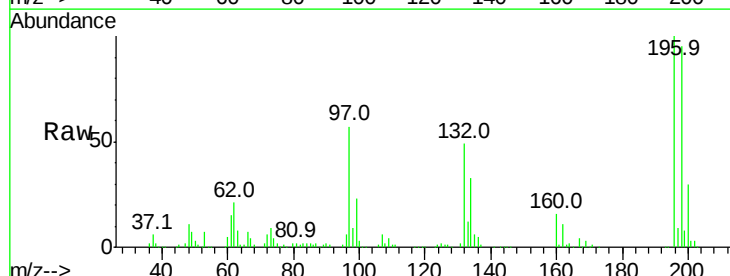


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

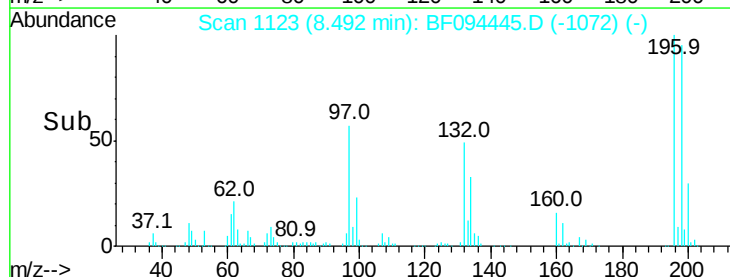
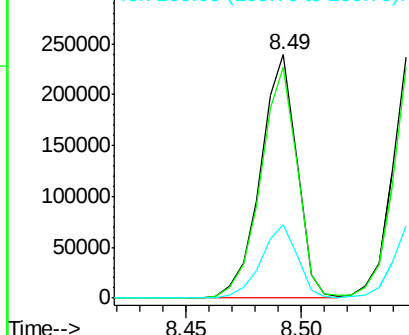


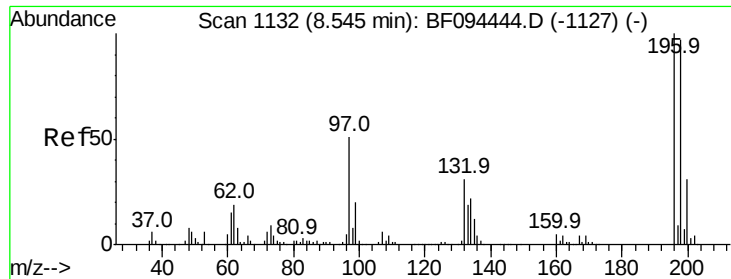
#42
 2,4,6-Trichlorophenol
 Concen: 50.51 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Tgt Ion:196 Resp: 263001
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.2 111.4
 200 30.4 24.0 36.0



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

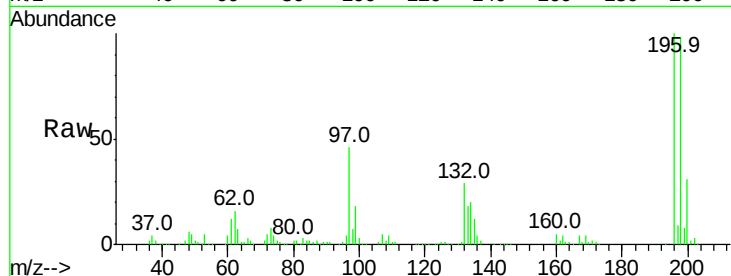




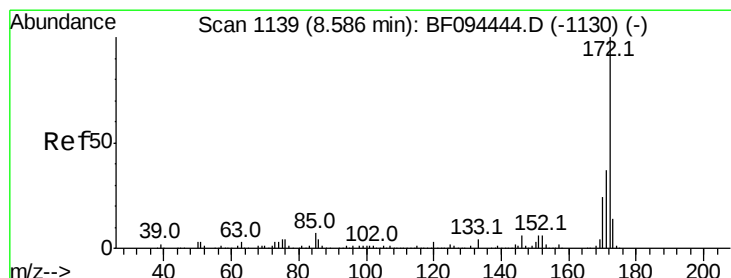
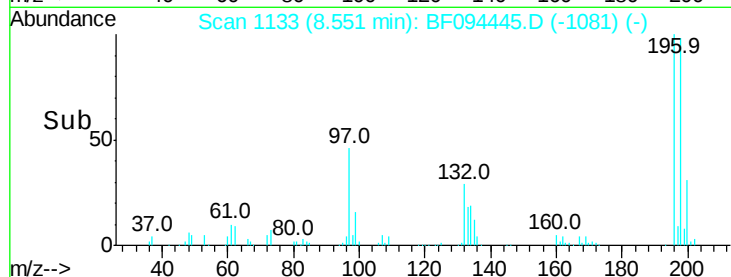
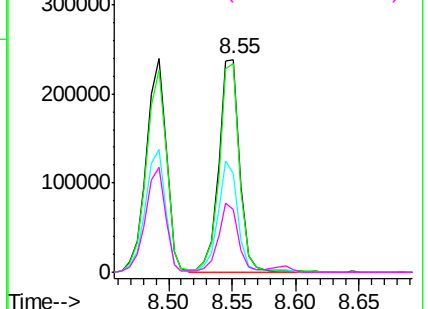
#43
 2,4,5-Trichlorophenol
 Concen: 48.44 ng
 RT: 8.55 min Scan# 1133
 Delta R.T. 0.01 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 272948
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.7 113.5
 97 46.1 47.7 71.5#
 132 29.5 28.0 42.0

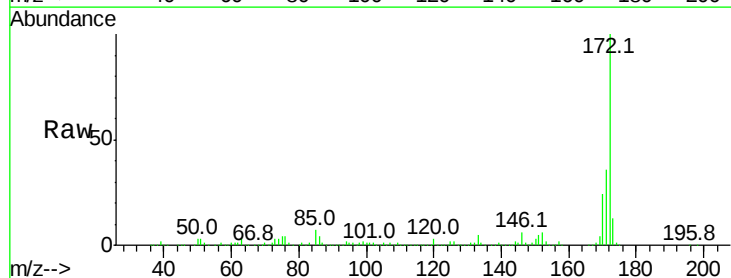


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

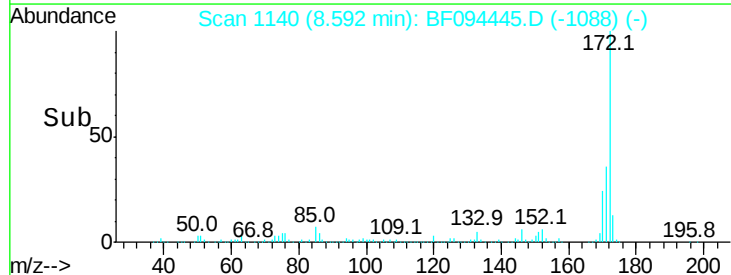
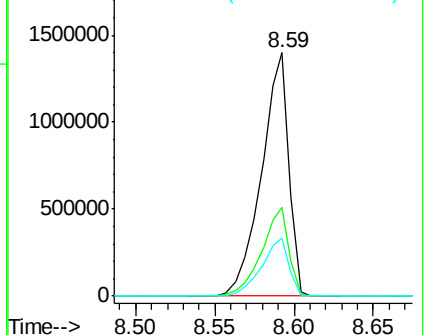


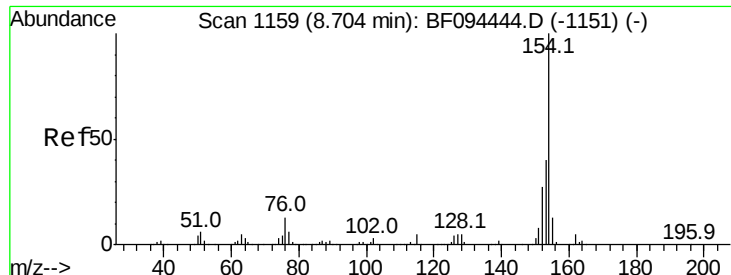
#44
 2-Fluorobiphenyl
 Concen: 95.15 ng
 RT: 8.59 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Tgt Ion:172 Resp: 1678316
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.0 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

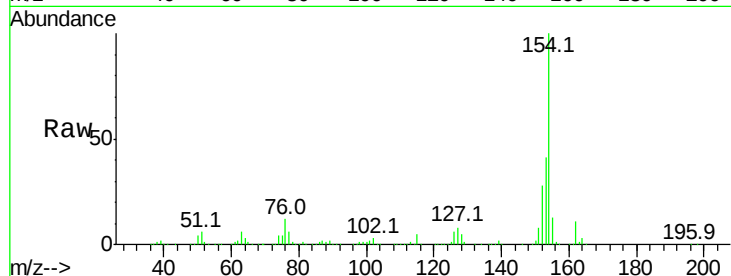




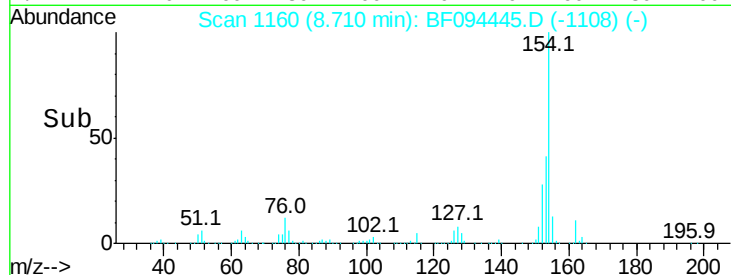
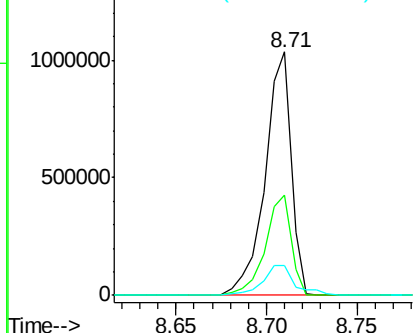
#45
 1,1'-Biphenyl
 Concen: 47.86 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. 0.01 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1038581
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.2 61.2
 76 12.4 0.0 29.9

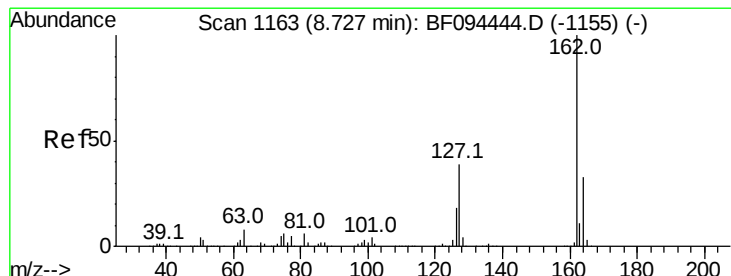


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

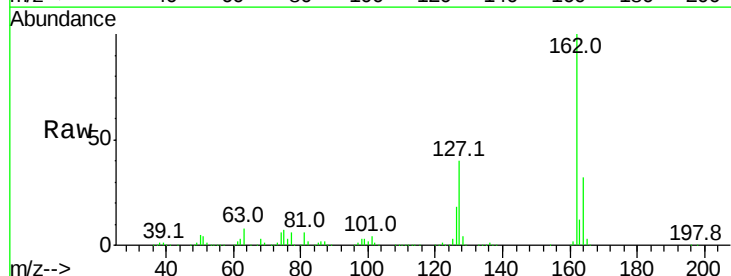
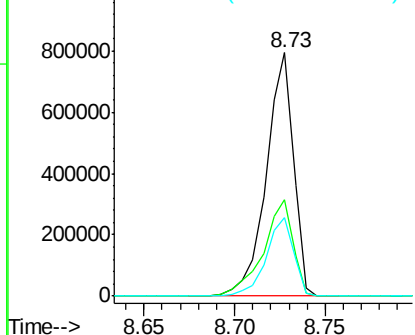


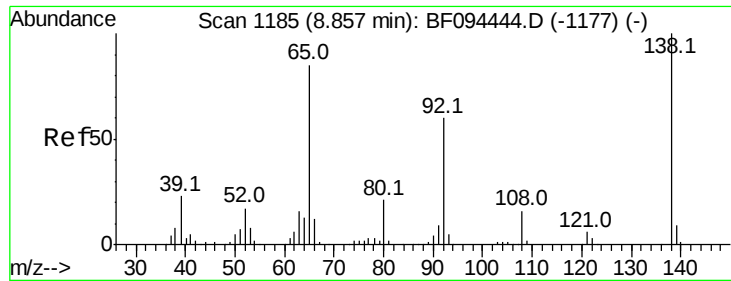
#46
 2-Chloronaphthalene
 Concen: 48.78 ng
 RT: 8.73 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Tgt Ion:162 Resp: 828718
 Ion Ratio Lower Upper
 162 100
 127 39.8 28.3 42.5
 164 32.3 27.0 40.4



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

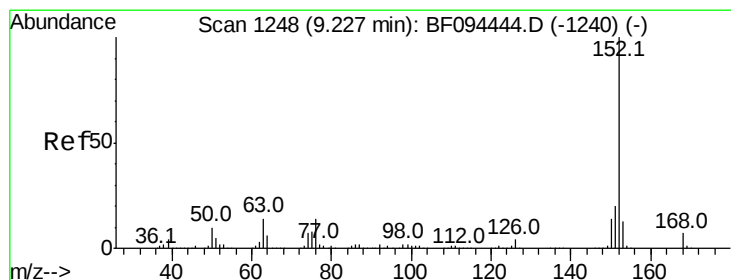
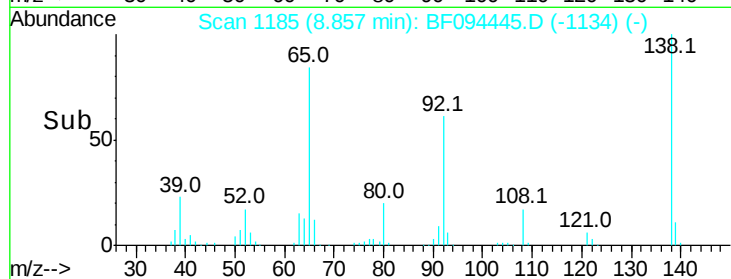
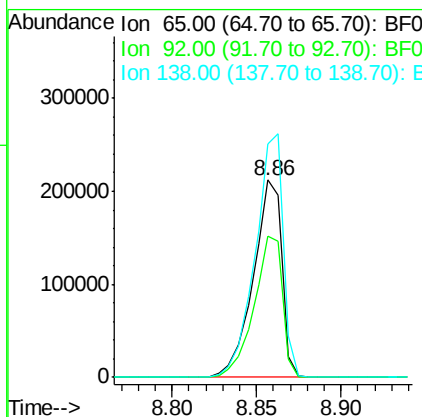
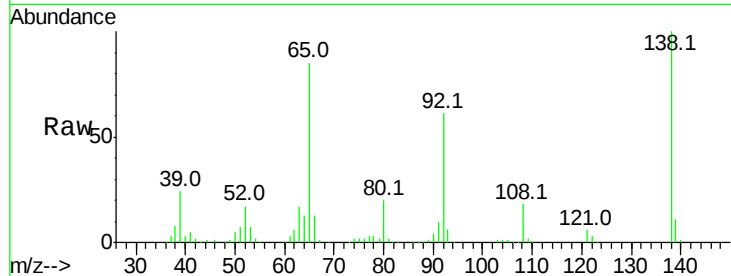




#47
 2-Nitroaniline
 Concen: 49.44 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

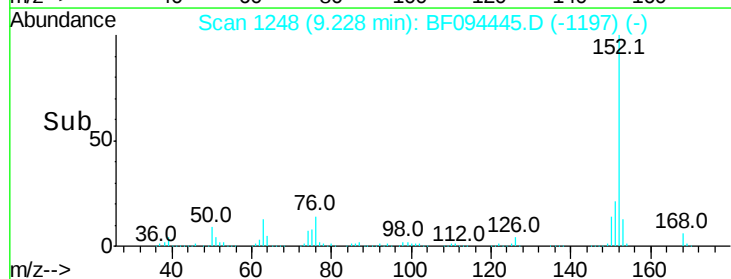
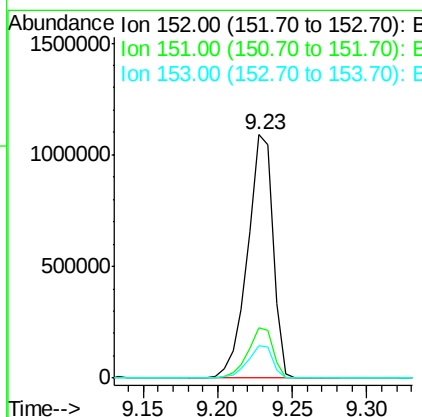
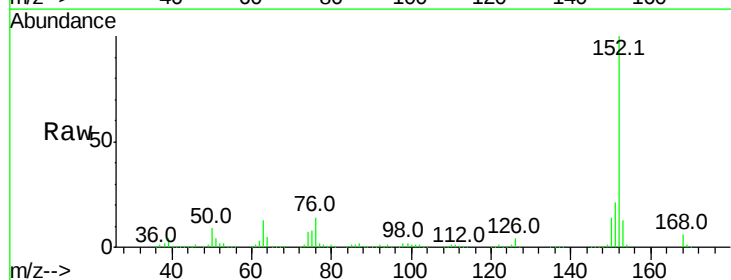
Instrument :
 BNA_F
 ClientSampleId :

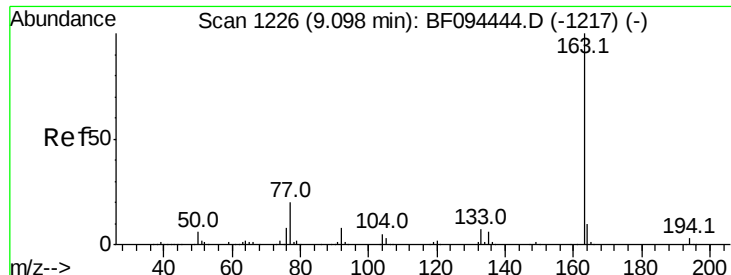
Tot Ion: 65 Resp: 249162
 Ion Ratio Lower Upper
 65 100
 92 71.6 53.9 80.9
 138 118.3 78.8 118.2#



#48
 Acenaphthylene
 Concen: 45.35 ng
 RT: 9.23 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Tgt Ion:152 Resp: 1280380
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.4 10.8 16.2

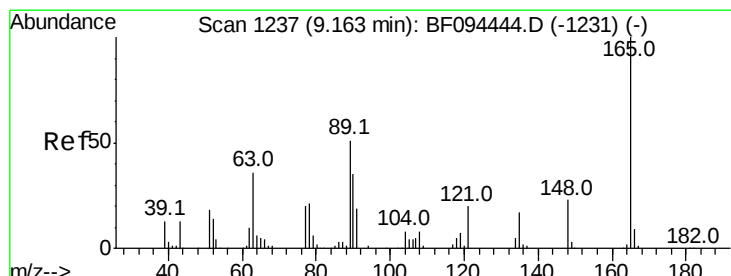
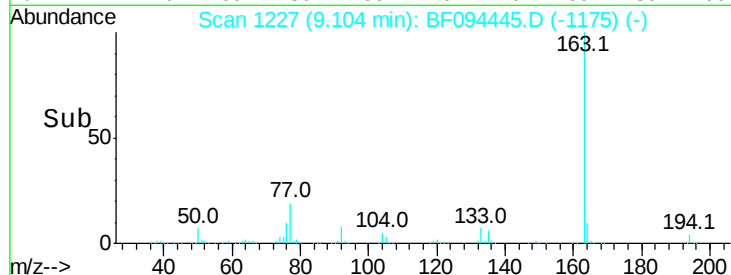
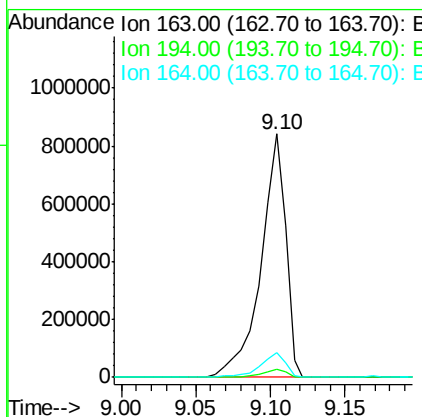
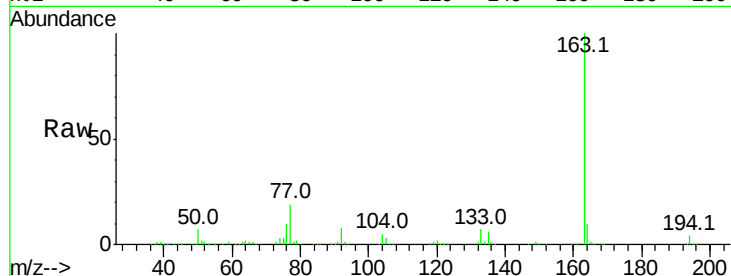




#49
Dimethylphthalate
Concen: 50.13 ng
RT: 9.10 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

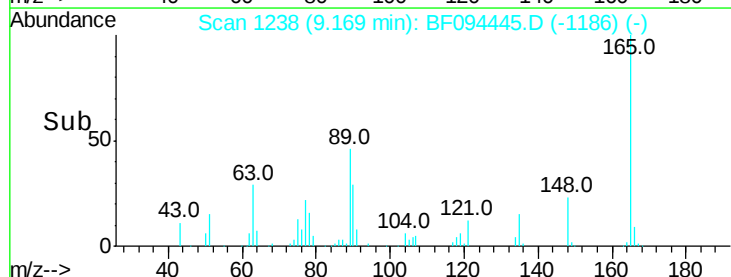
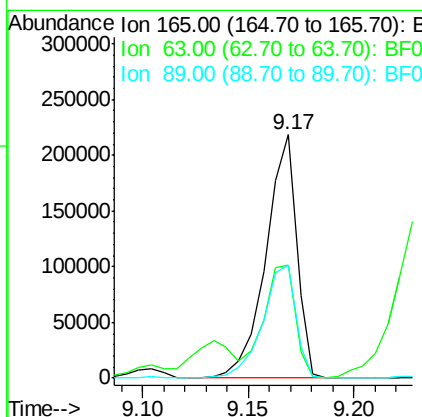
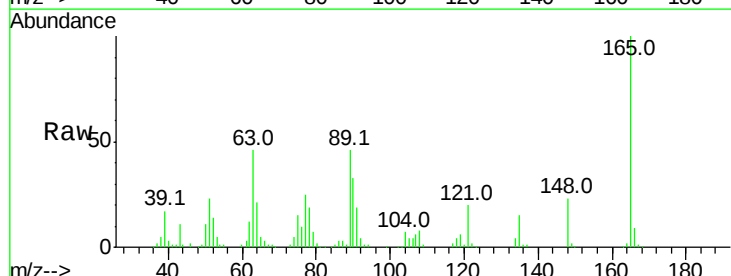
Instrument :
BNA_F
ClientSampled :

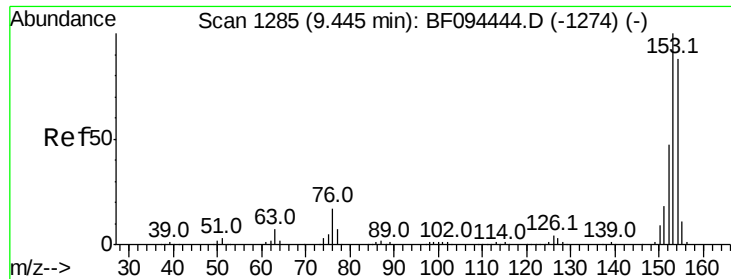
Tot Ion:163 Resp: 958694
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.2 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 50.84 ng
RT: 9.17 min Scan# 1238
Delta R.T. 0.01 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Tgt Ion:165 Resp: 222873
Ion Ratio Lower Upper
165 100
63 46.2 34.3 51.5
89 46.2 37.1 55.7





#51

Acenaphthene

Concen: 46.68 ng

RT: 9.45 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

Instrument :

BNA_F

ClientSampled :

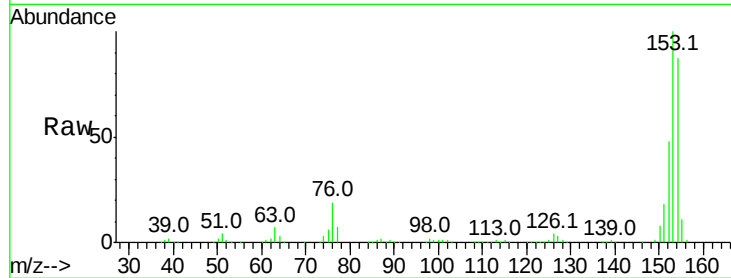
Tot Ion:154 Resp: 768969

Ion Ratio Lower Upper

154 100

153 114.3 90.5 135.7

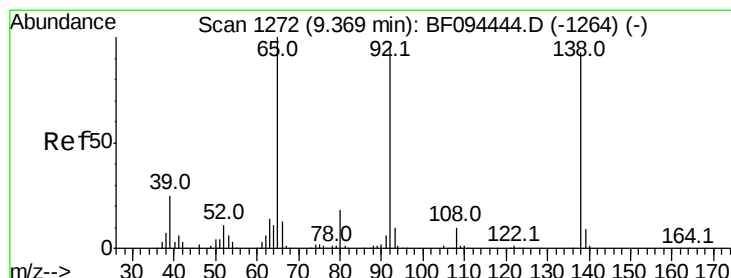
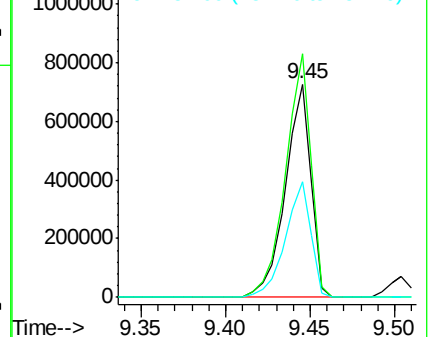
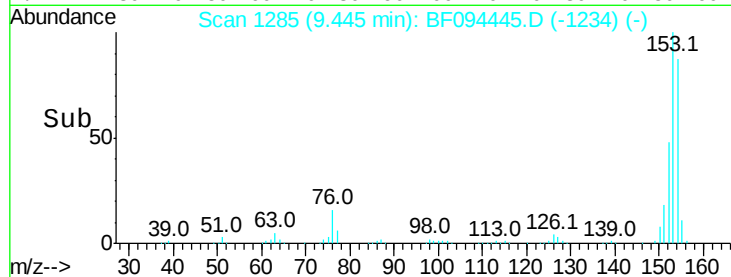
152 54.6 43.6 65.4



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: 50.53 ng

RT: 9.37 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

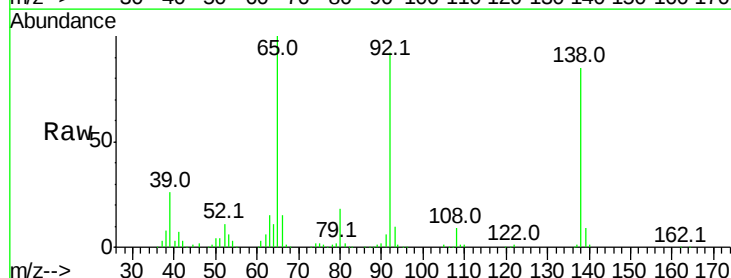
Tgt Ion:138 Resp: 260130

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

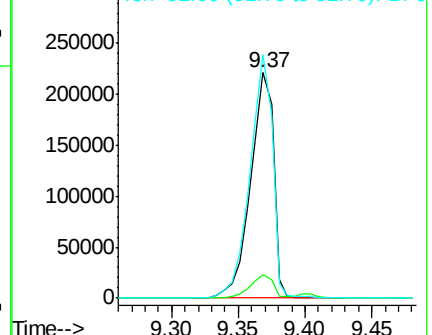
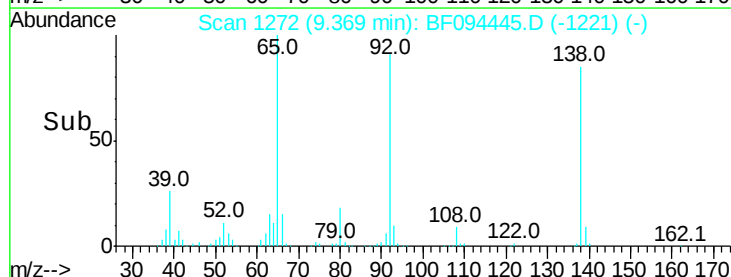
92 108.2 93.8 140.6

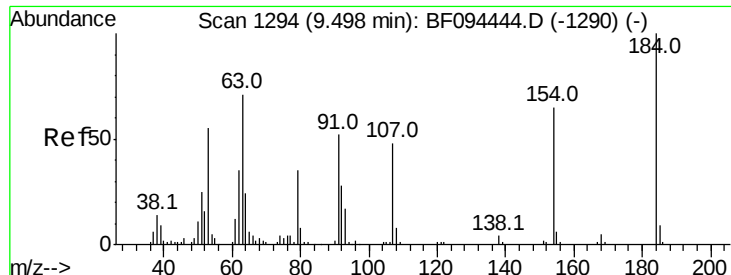


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

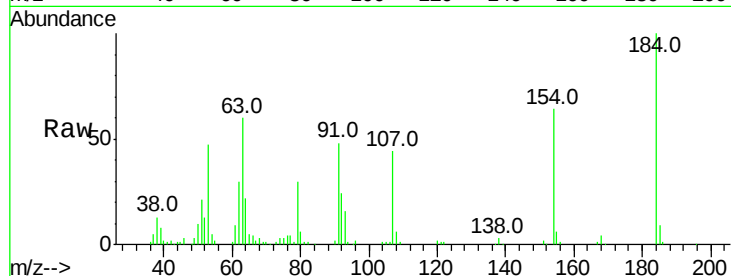




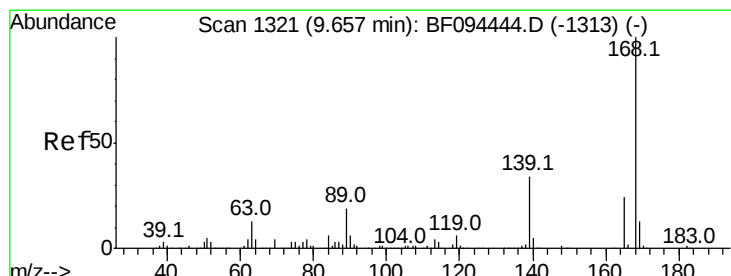
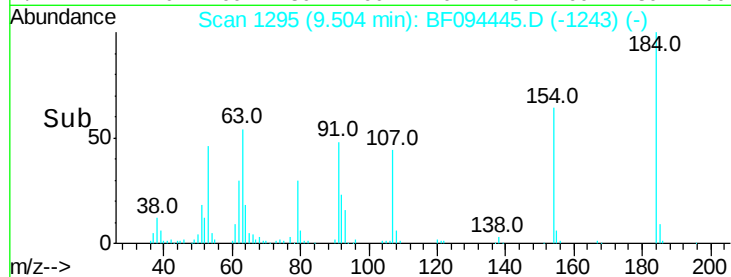
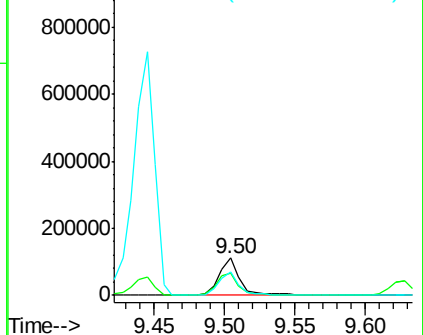
#53
 2,4-Dinitrophenol
 Concen: 54.61 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 114096
 Ion Ratio Lower Upper
 184 100
 63 60.1 62.7 94.1#
 154 64.3 81.1 121.7#

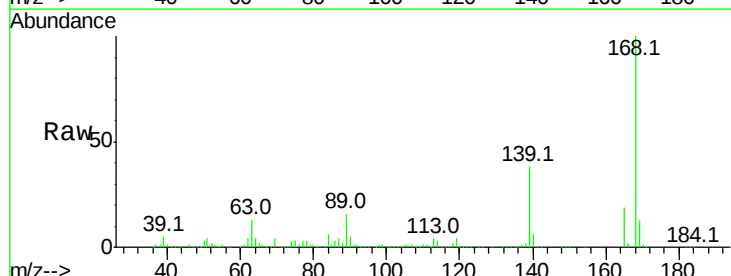


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

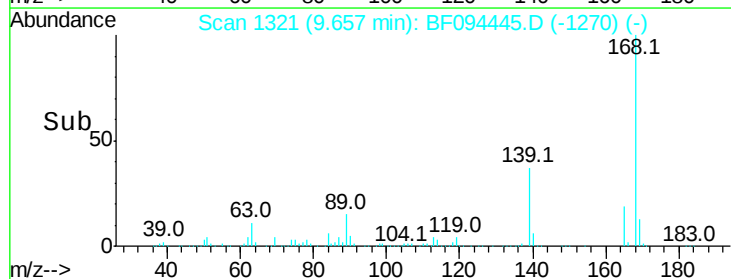
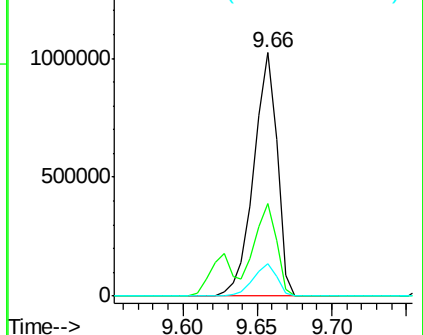


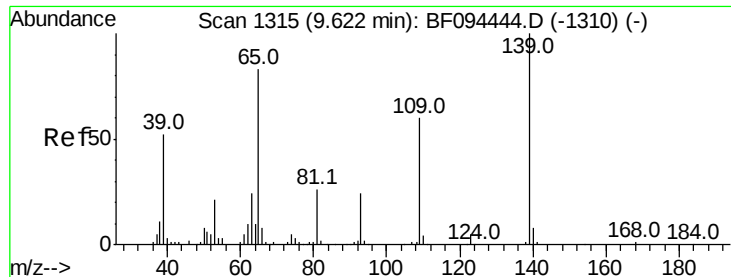
#54
 Dibenzofuran
 Concen: 49.30 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Tgt Ion:168 Resp: 1105680
 Ion Ratio Lower Upper
 168 100
 139 38.0 30.6 45.8
 169 13.5 10.8 16.2



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





#55

4-Nitrophenol

Concen: 49.22 ng

RT: 9.63 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

Instrument :

BNA_F

ClientSampled :

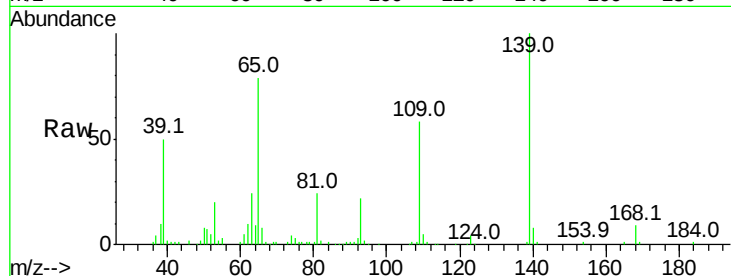
Tot Ion:139 Resp: 198428

Ion Ratio Lower Upper

139 100

109 58.4 34.1 74.1

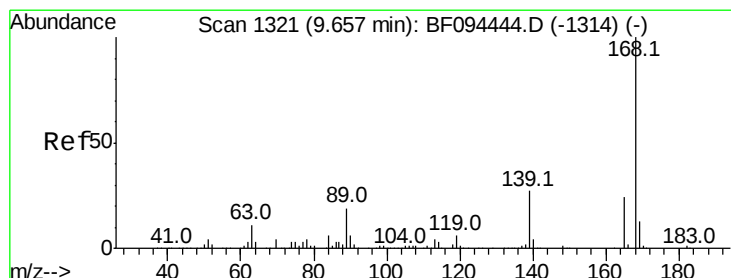
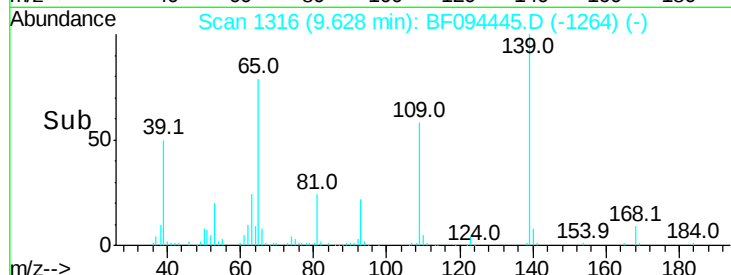
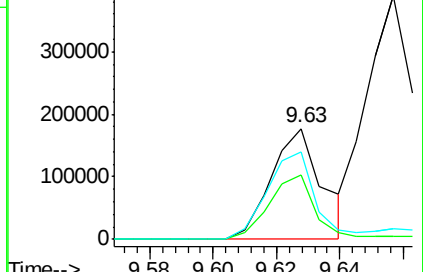
65 78.5 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.26 ng

RT: 9.66 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

Tgt Ion:165 Resp: 265782

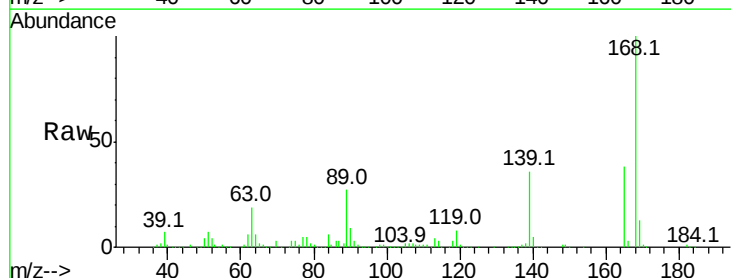
Ion Ratio Lower Upper

165 100

63 49.5 25.4 38.0#

89 70.5 46.4 69.6#

182 2.2 1.8 2.6

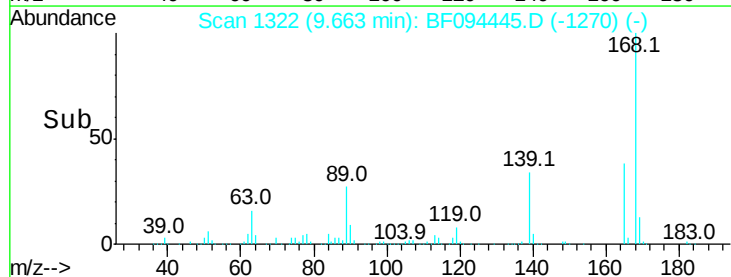
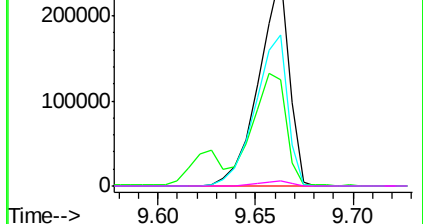


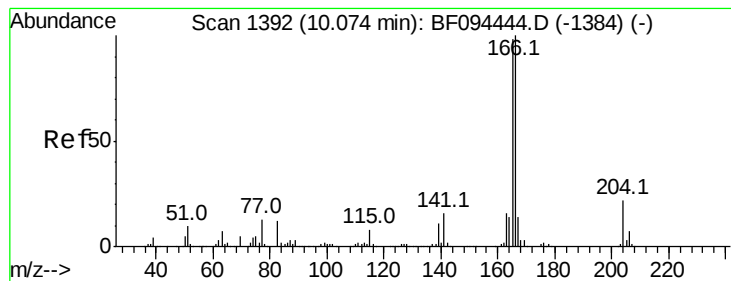
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.82 ng

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

Instrument :

BNA_F

ClientSampleId :

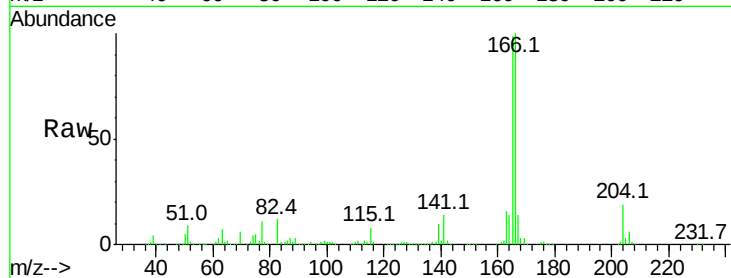
Tot Ion:166 Resp: 852058

Ion Ratio Lower Upper

166 100

165 98.6 78.8 118.2

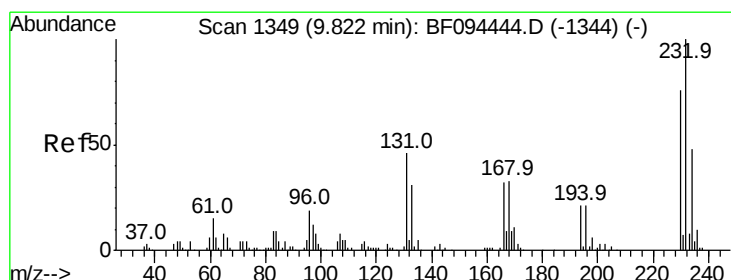
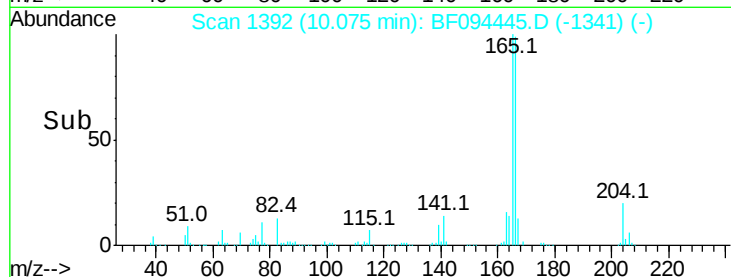
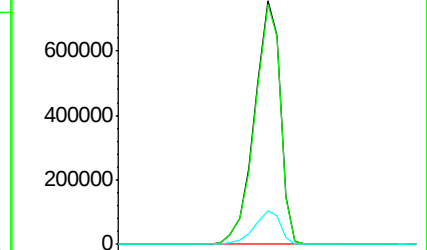
167 13.7 10.6 16.0



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: 51.19 ng

RT: 9.82 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

Tgt Ion:232 Resp: 197927

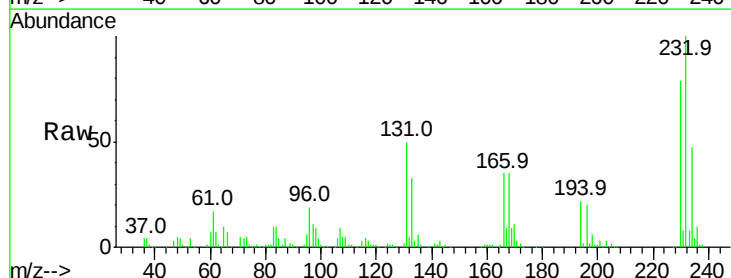
Ion Ratio Lower Upper

232 100

131 51.7 44.8 67.2

130 2.3 2.3 3.5#

166 36.3 29.0 43.4

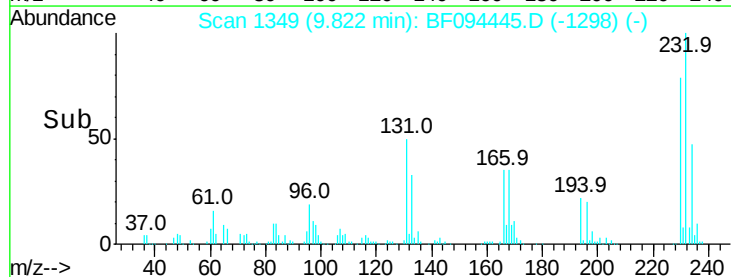
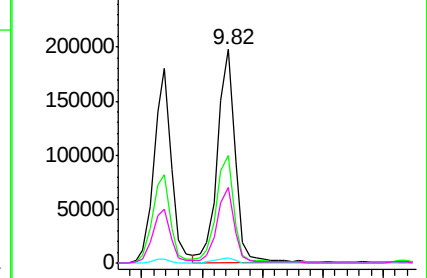


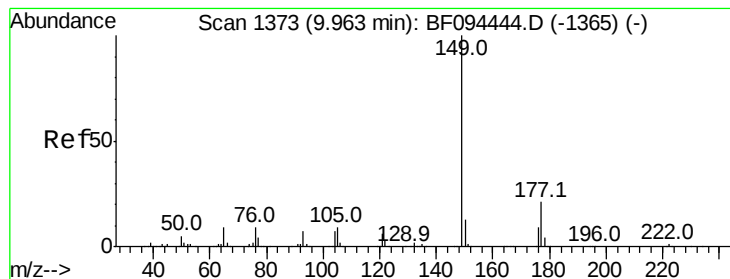
Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.07 ng

RT: 9.97 min Scan# 1374

Delta R.T. 0.01 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

Instrument :

BNA_F

ClientSampled :

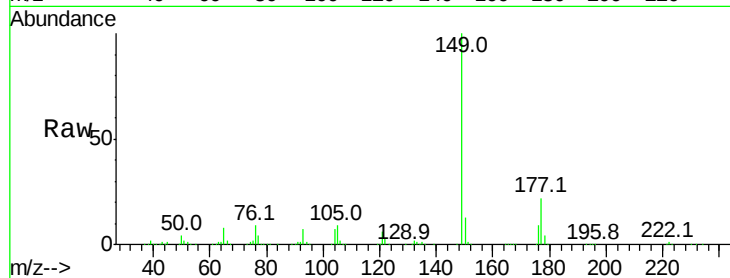
Tot Ion:149 Resp: 908703

Ion Ratio Lower Upper

149 100

177 22.1 16.7 25.1

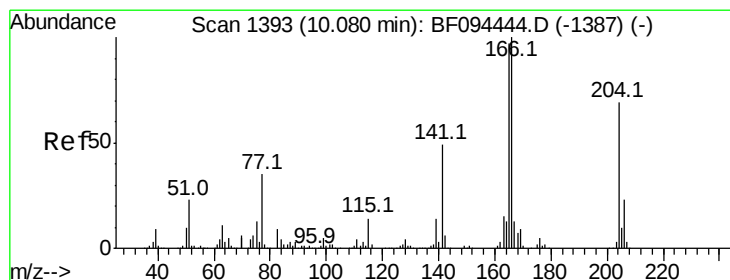
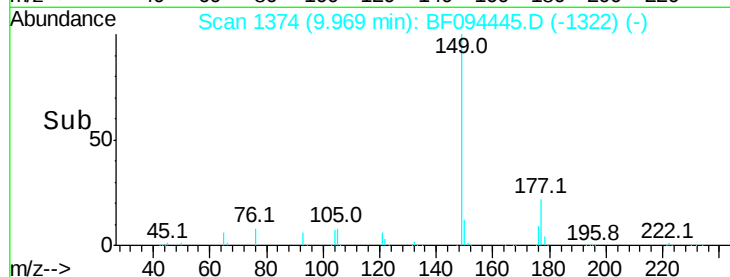
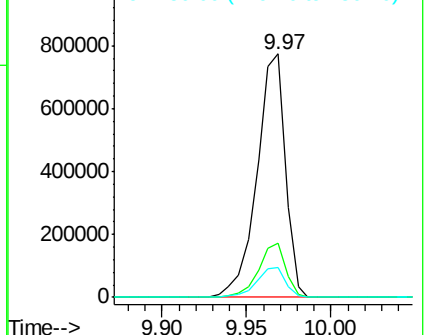
150 12.5 10.2 15.2



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: 46.61 ng

RT: 10.09 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

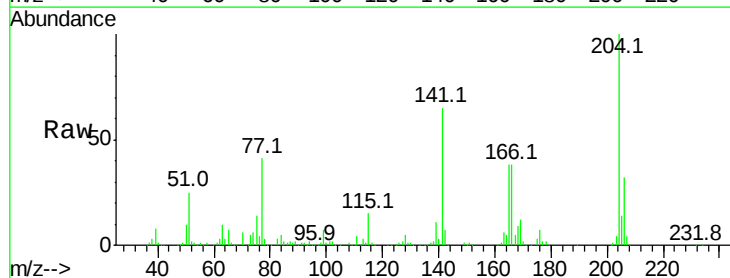
Tgt Ion:204 Resp: 369284

Ion Ratio Lower Upper

204 100

206 32.1 26.2 39.2

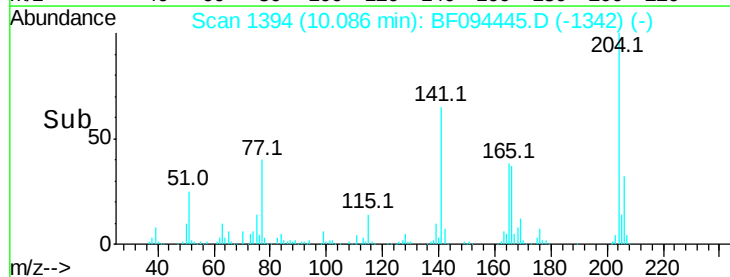
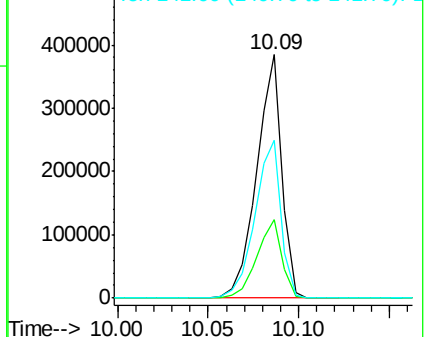
141 64.6 60.8 91.2

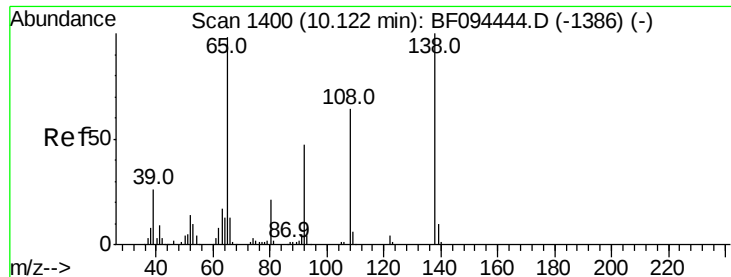


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

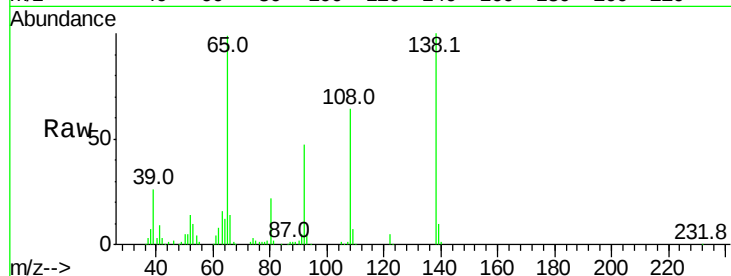




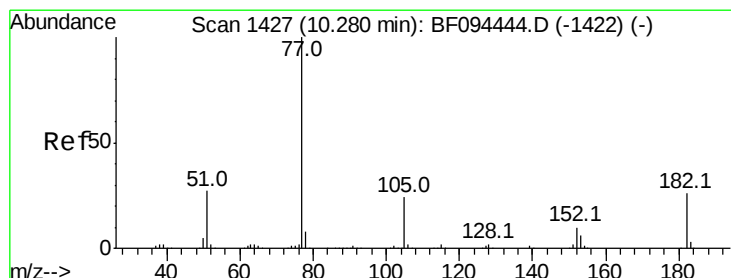
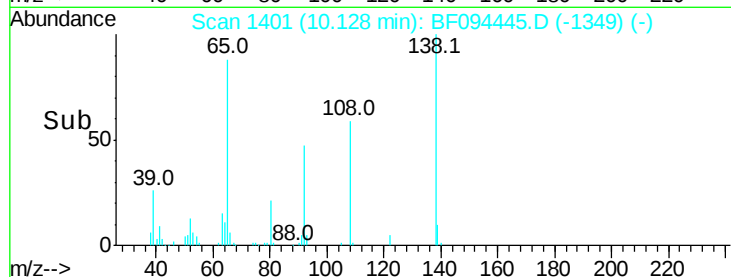
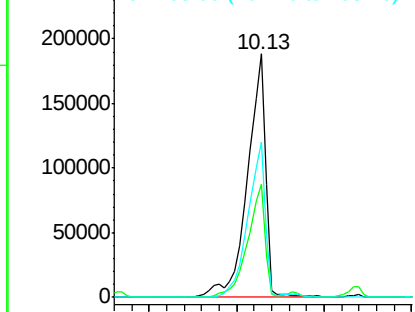
#61
4-Nitroaniline
Concen: 53.22 ng
RT: 10.13 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 262935
Ion Ratio Lower Upper
138 100
92 46.5 21.8 61.8
108 63.7 42.3 82.3

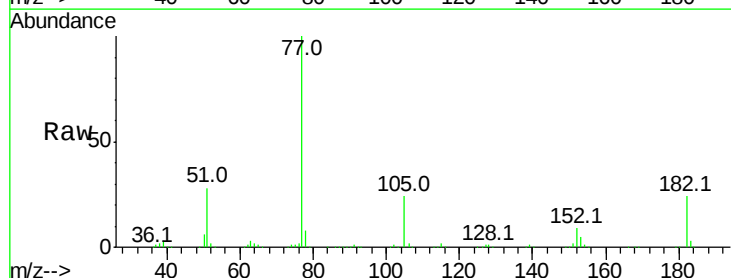


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

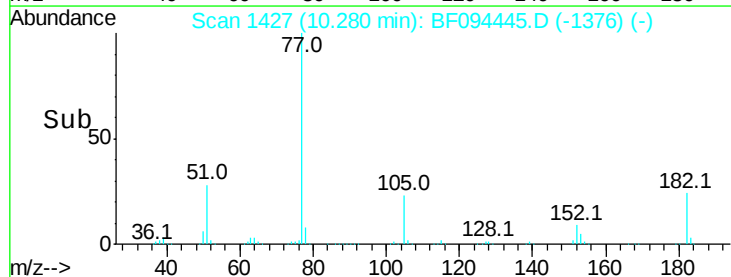
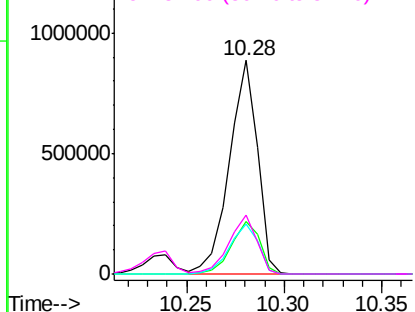


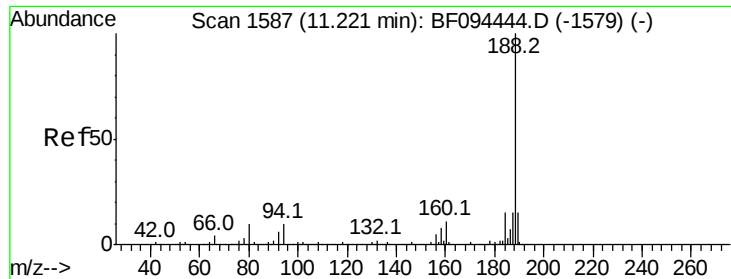
#62
Azobenzene
Concen: 49.29 ng
RT: 10.28 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Tgt Ion: 77 Resp: 881325
Ion Ratio Lower Upper
77 100
182 24.4 0.1 40.1
105 23.5 3.6 43.6
51 27.9 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

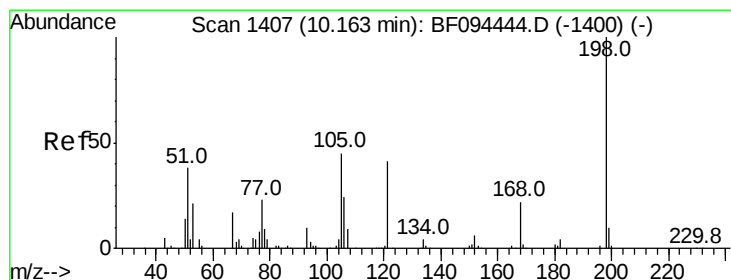
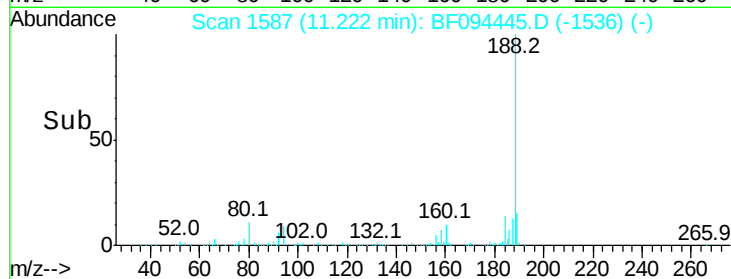
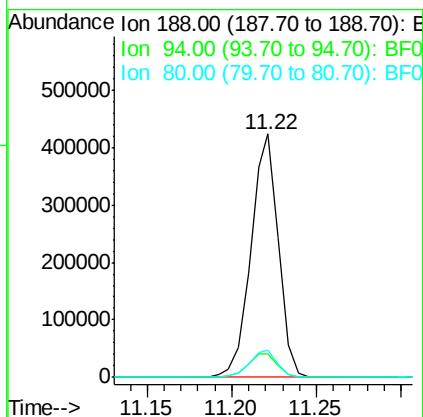
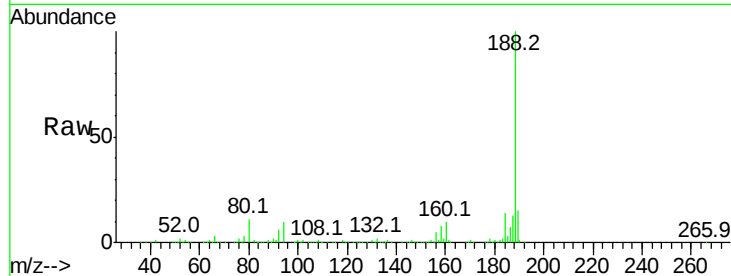




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

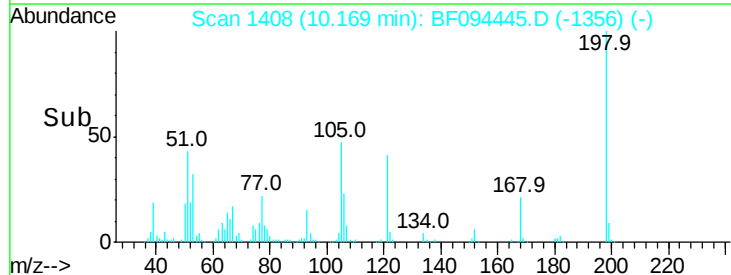
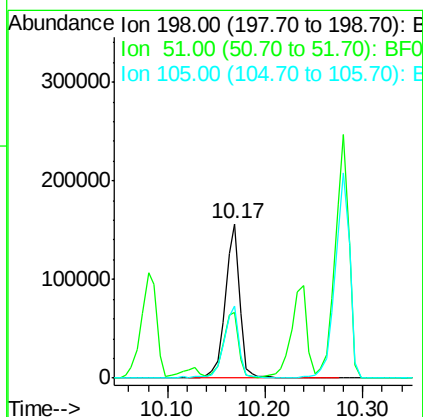
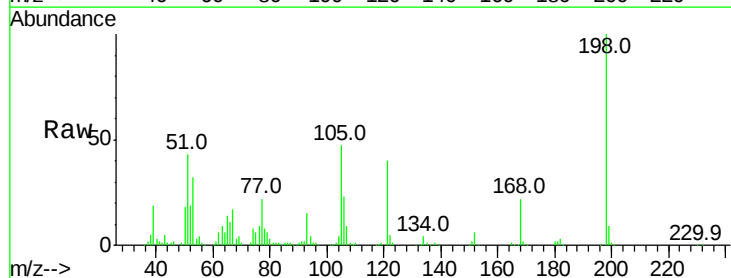
Instrument :
BNA_F
ClientSampleId :

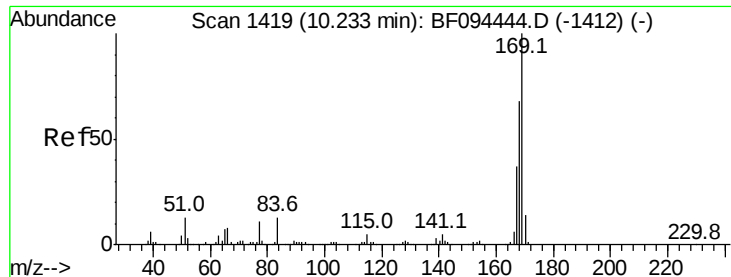
Tot Ion:188 Resp: 477665
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 11.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 55.26 ng
RT: 10.17 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Tgt Ion:198 Resp: 161664
Ion Ratio Lower Upper
198 100
51 42.8 53.2 93.2#
105 46.7 45.8 85.8

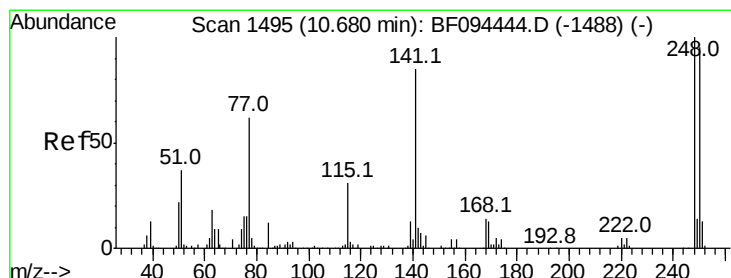
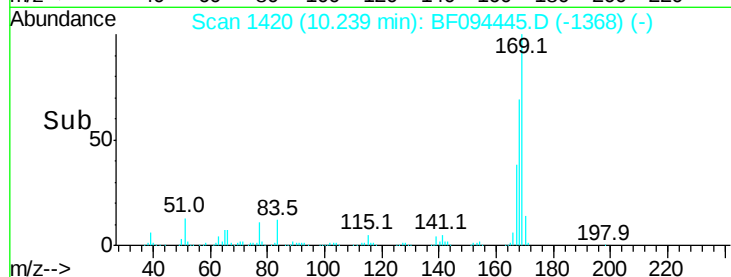
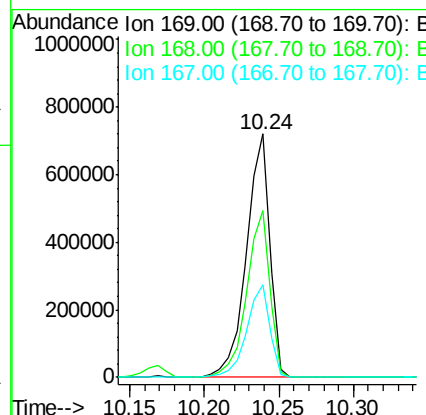
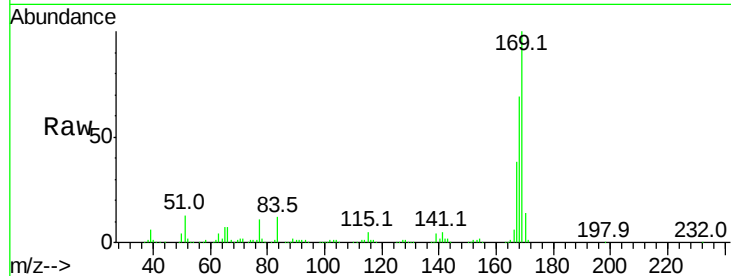




#65
 n-Nitrosodiphenylamine
 Concen: 47.13 ng
 RT: 10.24 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

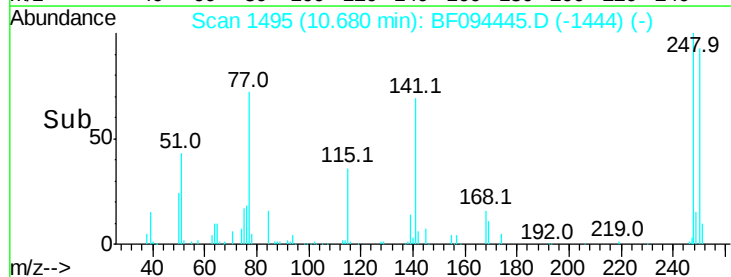
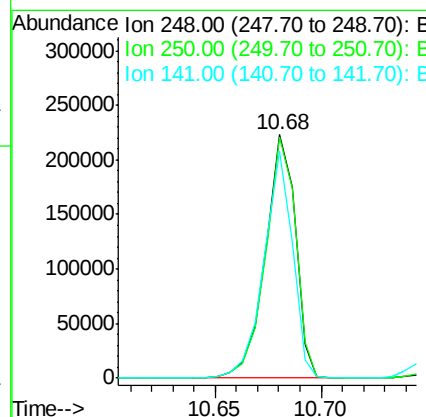
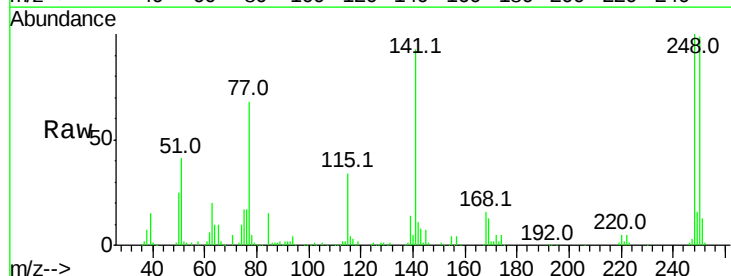
Instrument :
 BNA_F
 ClientSampled :

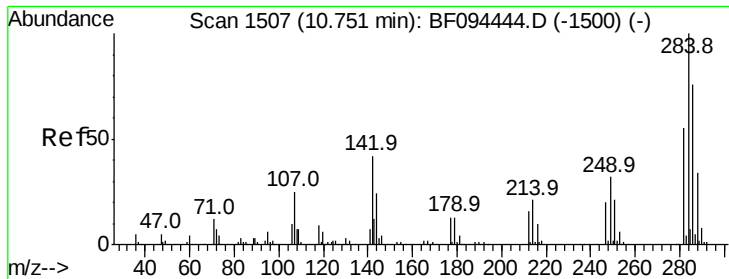
Tot Ion:169 Resp: 778543
 Ion Ratio Lower Upper
 169 100
 168 68.6 53.2 79.8
 167 37.9 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 47.43 ng
 RT: 10.68 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Tgt Ion:248 Resp: 222802
 Ion Ratio Lower Upper
 248 100
 250 99.1 76.8 115.2
 141 93.0 68.6 103.0





#67

Hexachlorobenzene

Concen: 48.18 ng

RT: 10.75 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

Instrument :

BNA_F

ClientSampled :

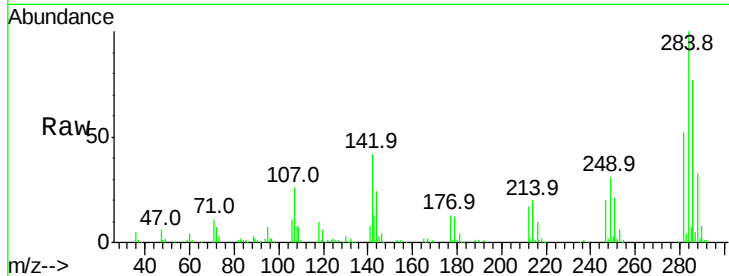
Tot Ion:284 Resp: 229120

Ion Ratio Lower Upper

284 100

142 42.3 22.8 34.2#

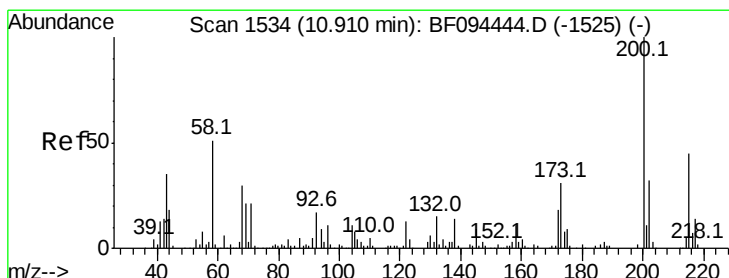
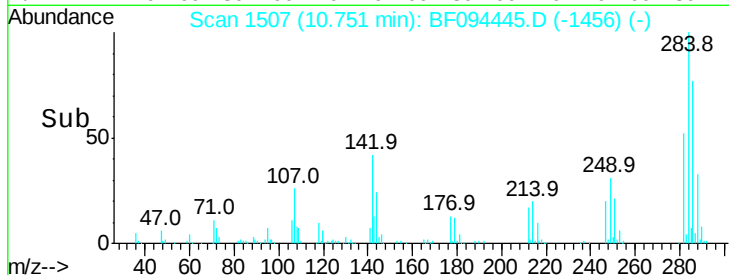
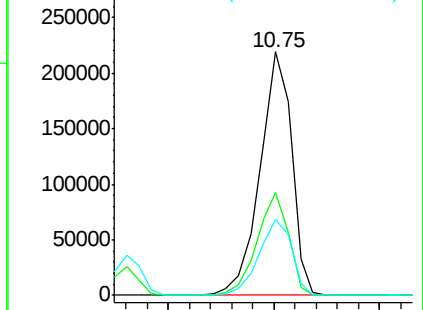
249 31.2 24.0 36.0



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: 47.99 ng

RT: 10.92 min Scan# 1535

Delta R.T. 0.01 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

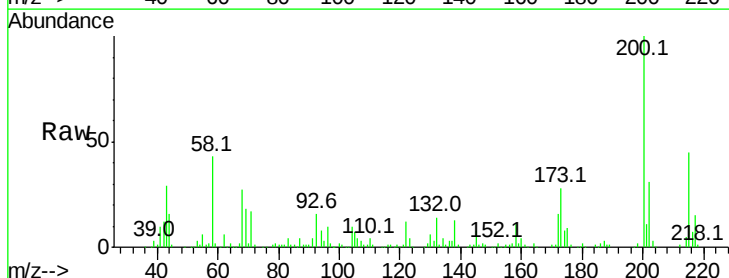
Tgt Ion:200 Resp: 237461

Ion Ratio Lower Upper

200 100

173 27.5 6.3 46.3

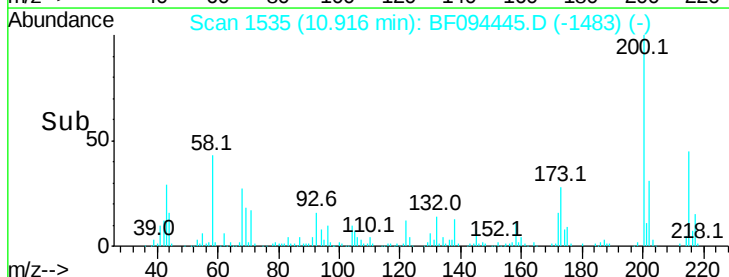
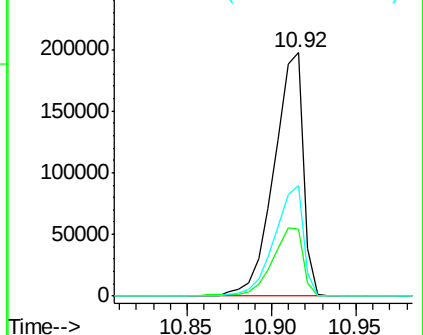
215 45.4 27.2 67.2

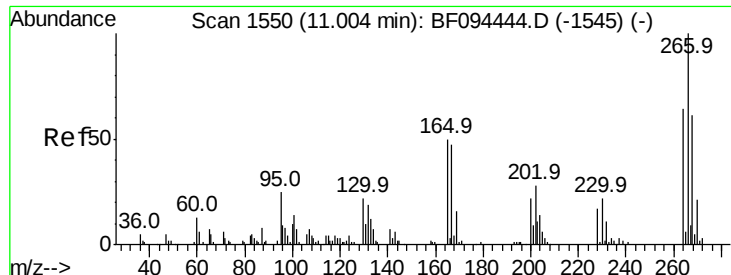


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

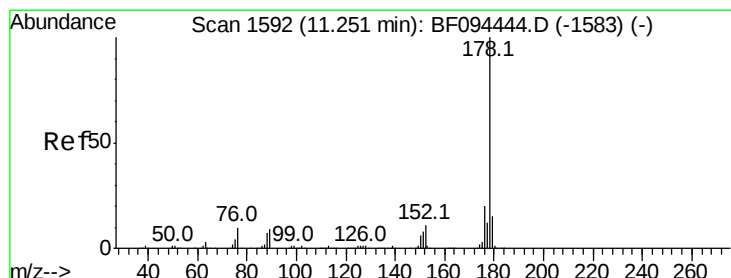
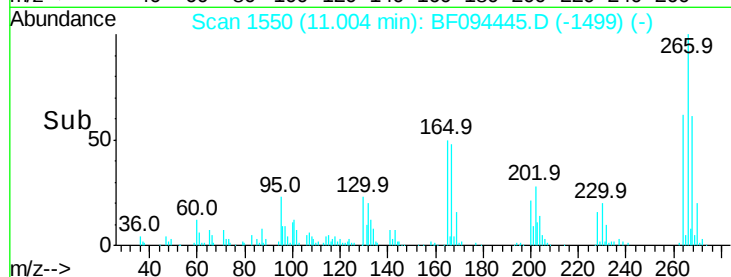
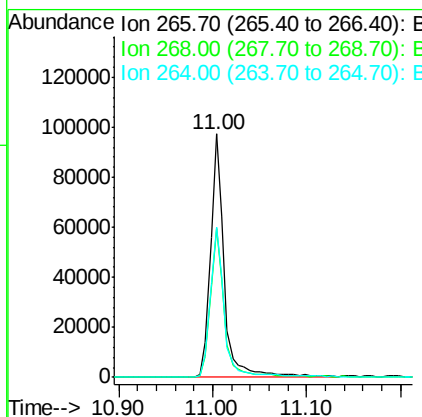
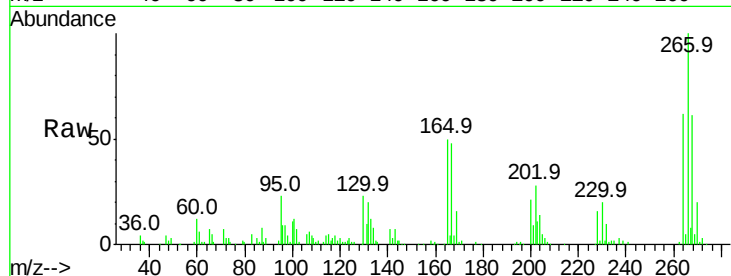




#69
 Pentachlorophenol
 Concen: 34.34 ng
 RT: 11.00 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

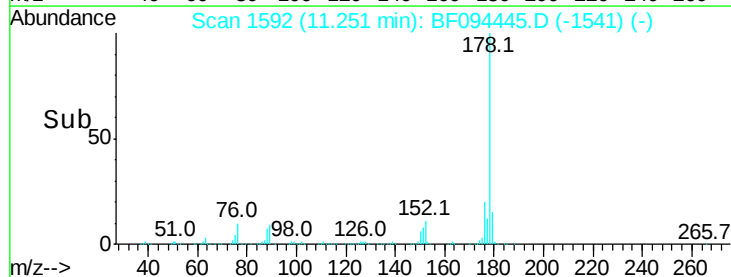
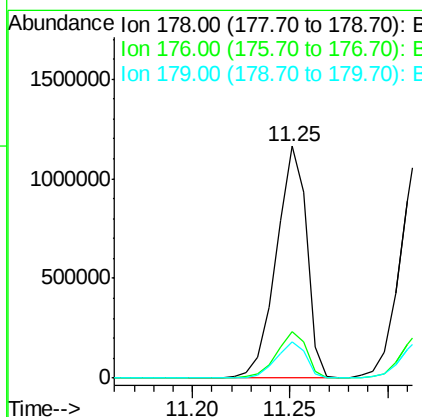
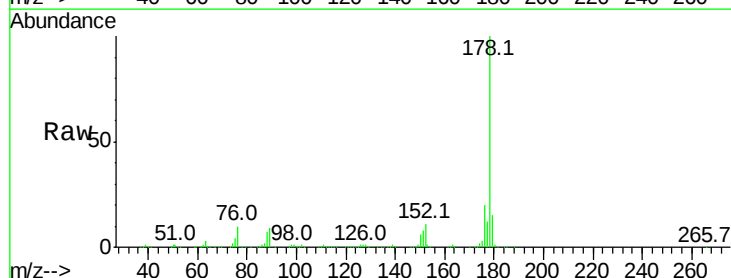
Instrument :
 BNA_F
 ClientSampleId :

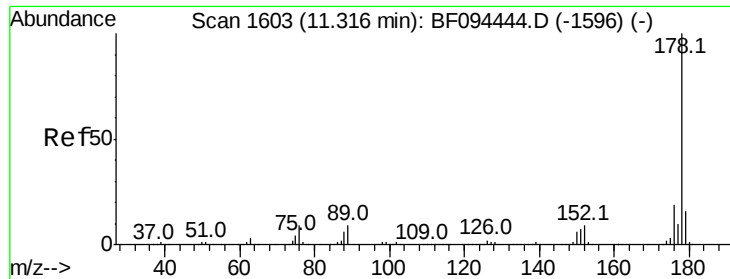
Tot Ion:266 Resp: 101649
 Ion Ratio Lower Upper
 266 100
 268 61.4 51.1 76.7
 264 61.7 51.7 77.5



#70
 Phenanthrene
 Concen: 47.31 ng
 RT: 11.25 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Tgt Ion:178 Resp: 1257198
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.4 12.6 19.0

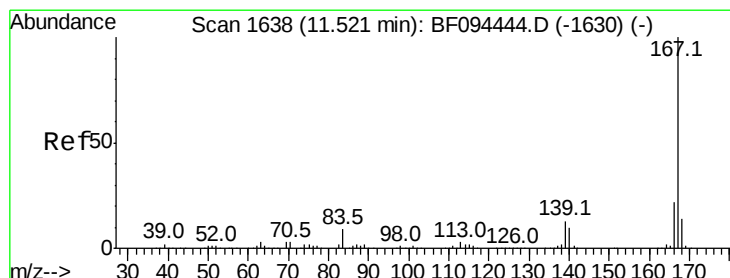
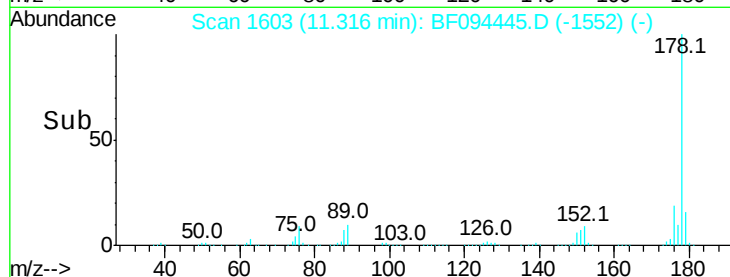
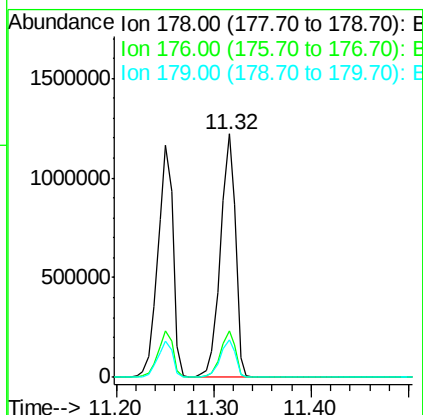
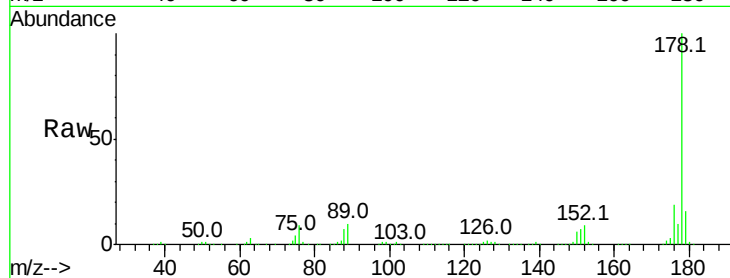




#71
 Anthracene
 Concen: 47.79 ng
 RT: 11.32 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

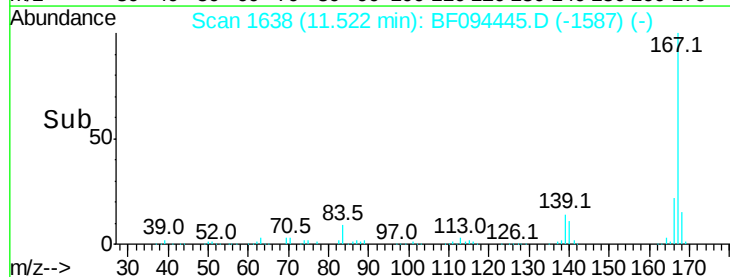
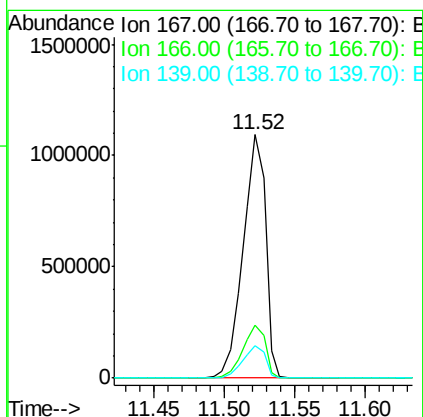
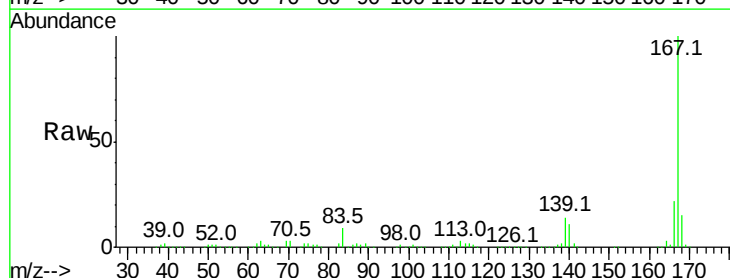
Instrument :
 BNA_F
 ClientSampleId :

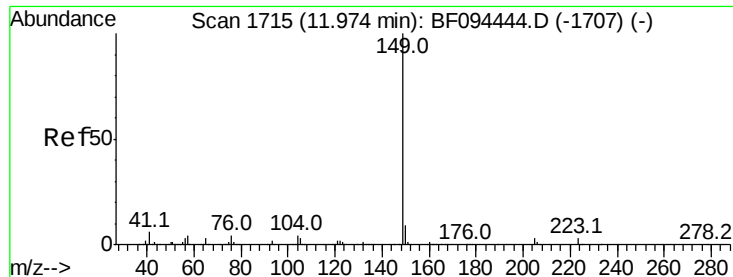
Tot Ion:178 Resp: 1307569
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 43.48 ng
 RT: 11.52 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Tgt Ion:167 Resp: 1219838
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 47.34 ng

RT: 11.97 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

Instrument :

BNA_F

ClientSampleId :

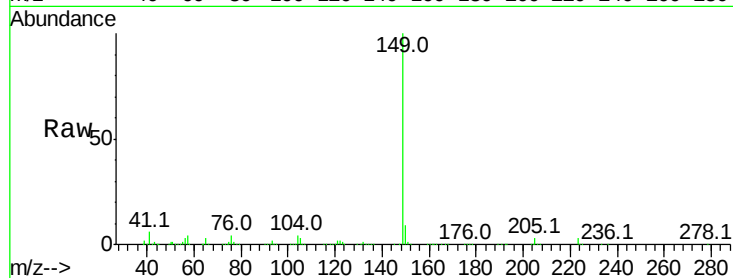
Tot Ion:149 Resp: 1381082

Ion Ratio Lower Upper

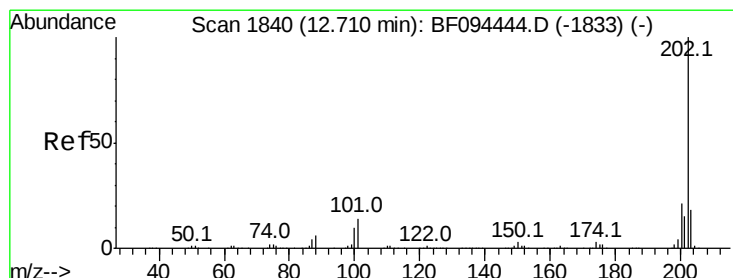
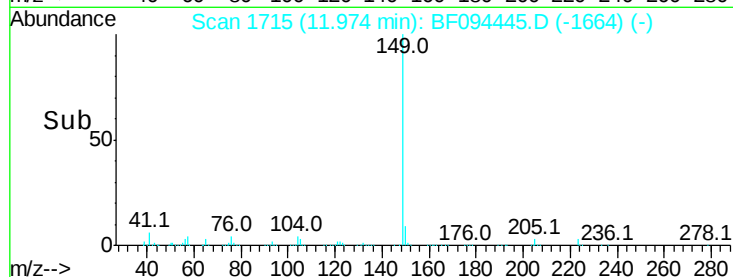
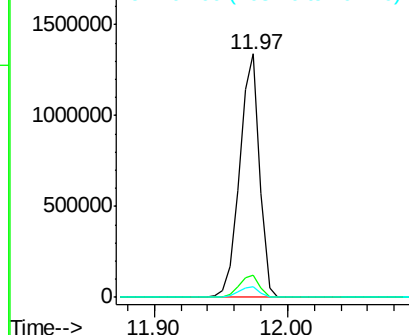
149 100

150 9.2 7.7 11.5

104 4.3 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: 48.20 ng

RT: 12.71 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

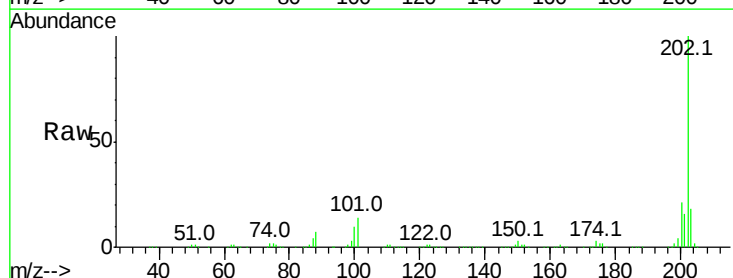
Tgt Ion:202 Resp: 1311556

Ion Ratio Lower Upper

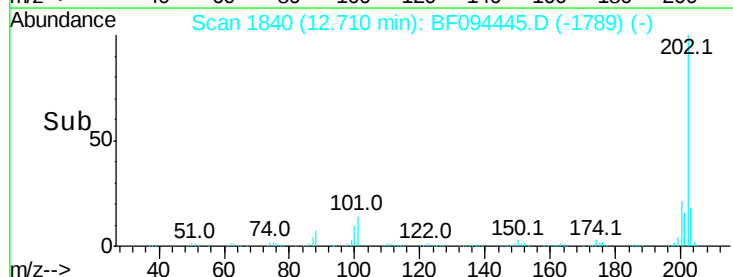
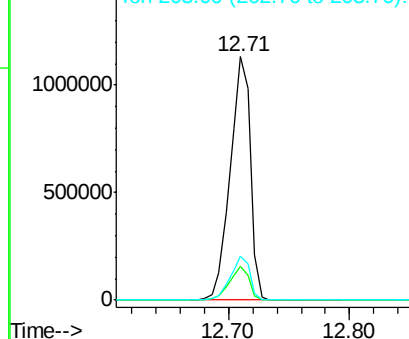
202 100

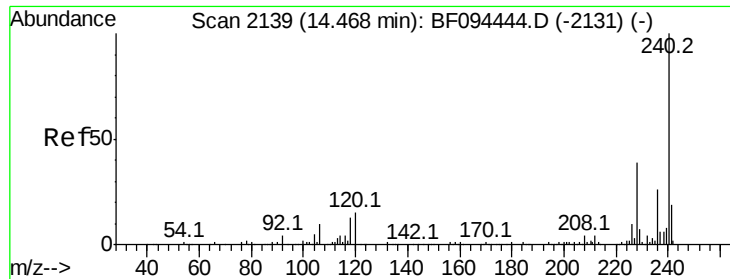
101 14.0 0.0 33.2

203 17.9 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

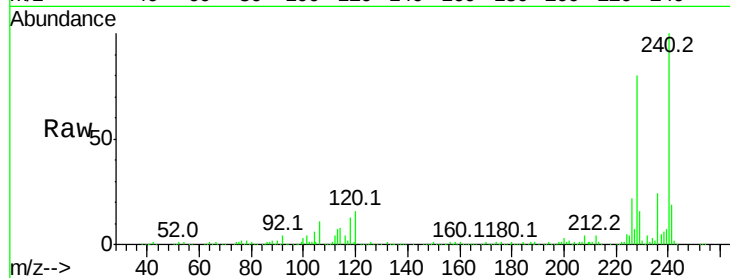




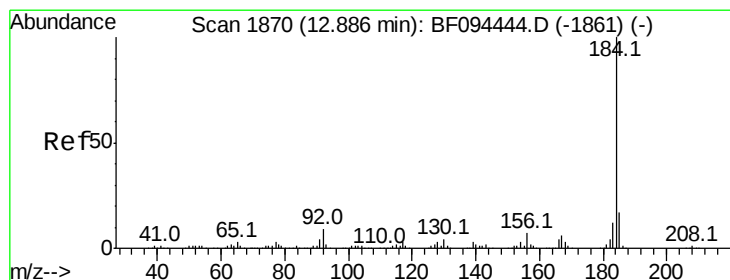
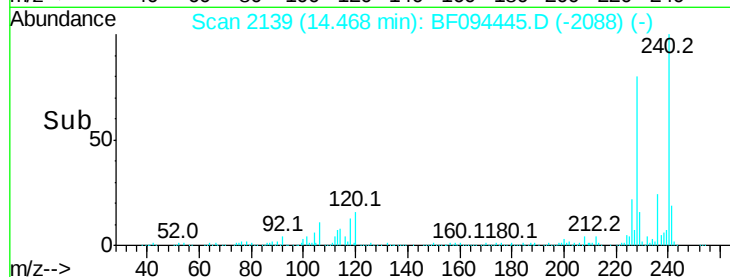
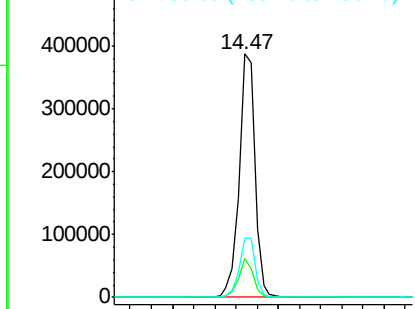
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 397286
Ion Ratio Lower Upper
240 100
120 16.1 5.8 8.8#
236 24.5 20.5 30.7

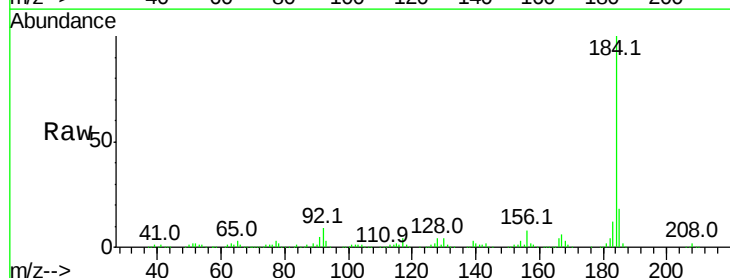


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

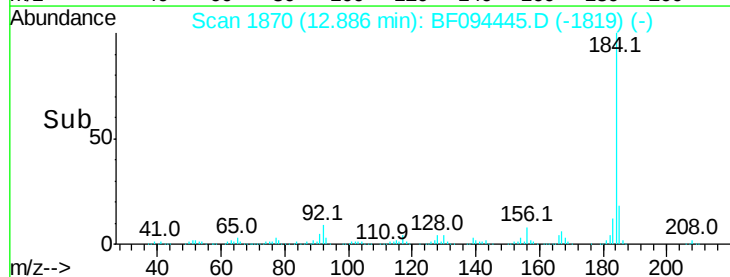
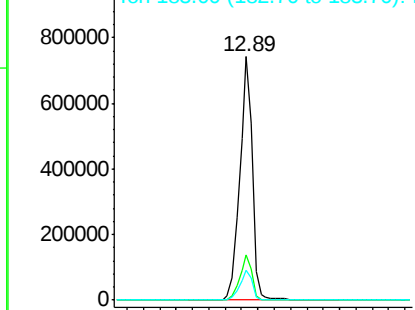


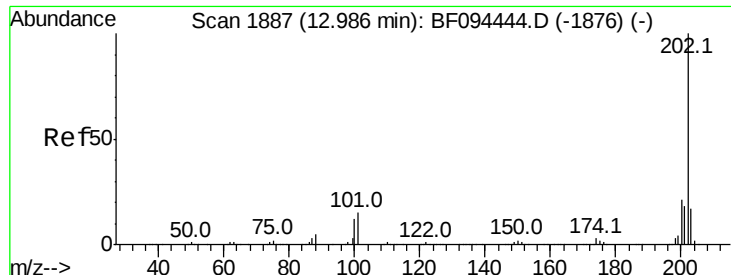
#76
Benzidine
Concen: 50.65 ng
RT: 12.89 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Tgt Ion:184 Resp: 796462
Ion Ratio Lower Upper
184 100
185 18.3 15.5 23.3
183 12.4 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

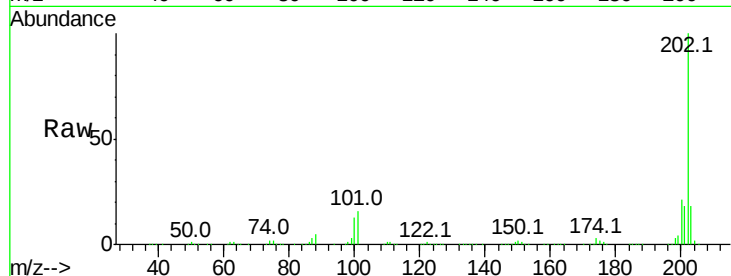




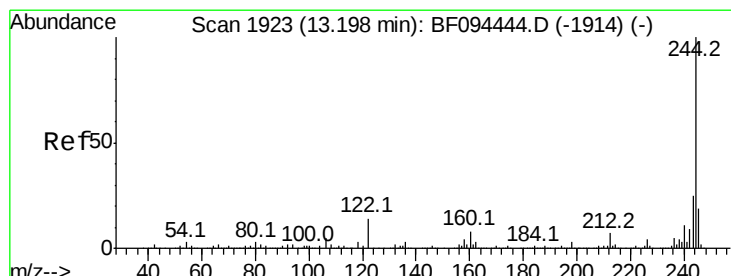
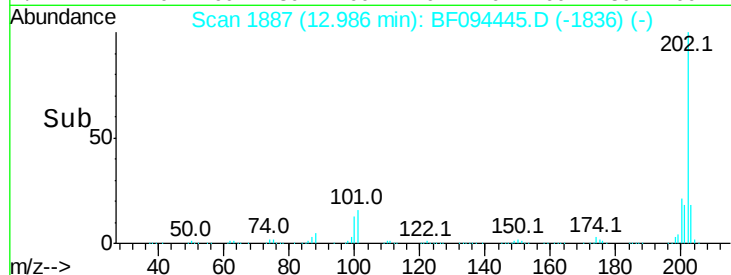
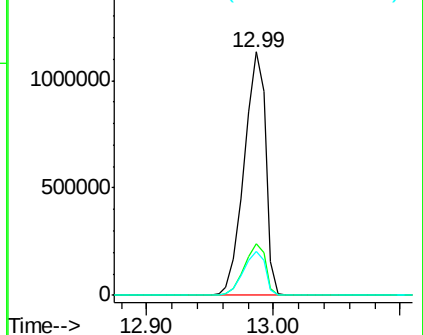
#77
Pvrene
Concen: 46.23 ng
RT: 12.99 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1332899
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 18.1 14.4 21.6

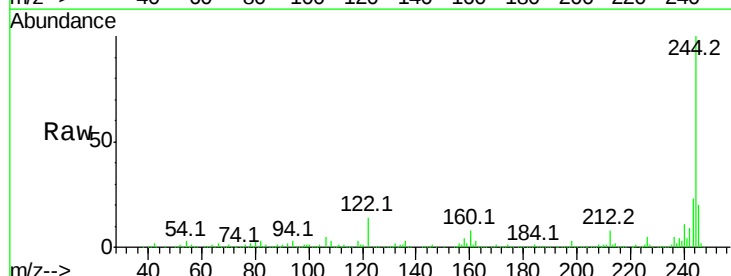


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

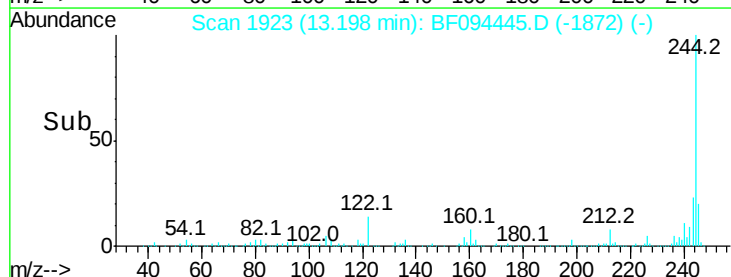
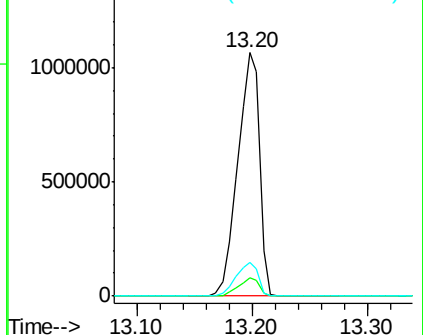


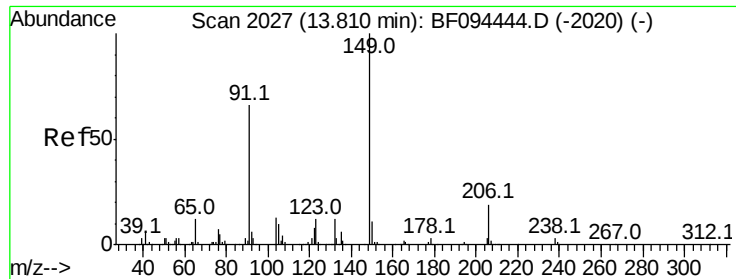
#78
Terphenyl-d14
Concen: 78.33 ng
RT: 13.20 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Tgt Ion:244 Resp: 1388408
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 14.0 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

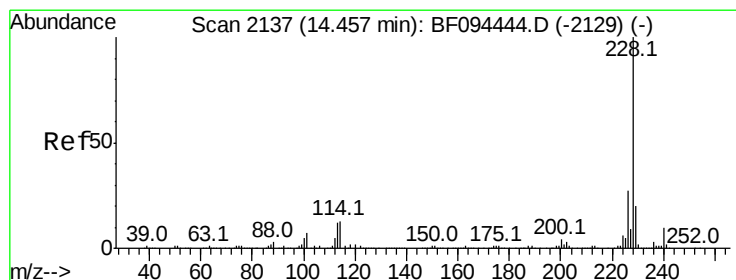
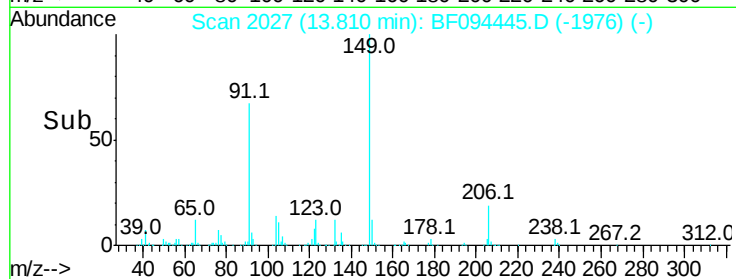
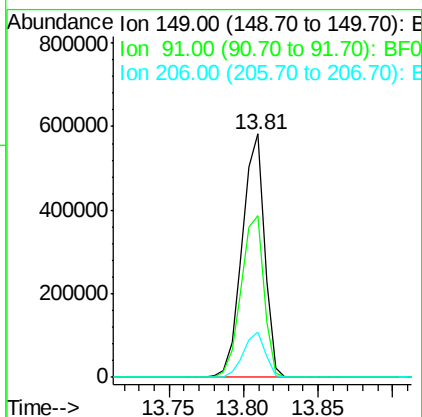
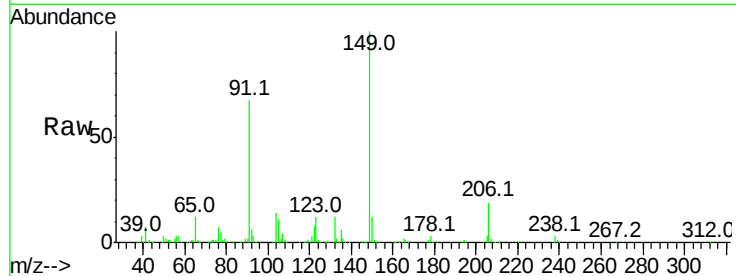




#79
Butylbenzylphthalate
Concen: 49.33 ng
RT: 13.81 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

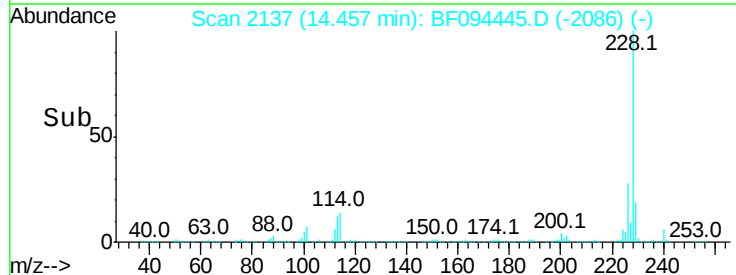
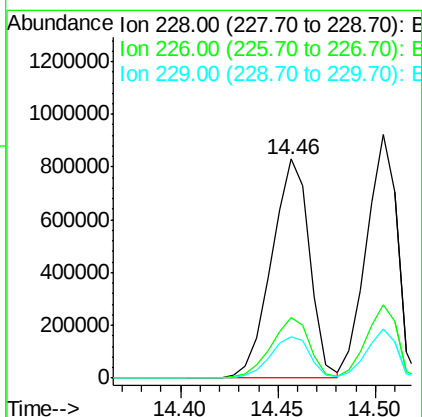
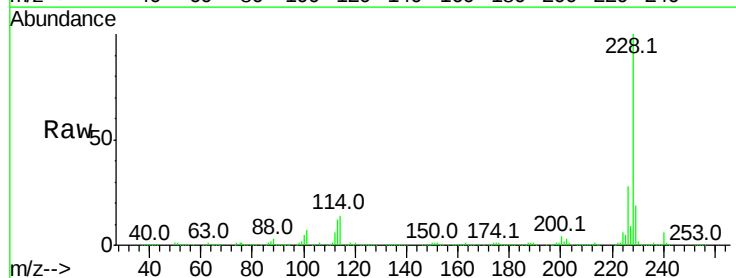
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 606027
Ion Ratio Lower Upper
149 100
91 66.5 45.0 67.4
206 18.8 17.0 25.6



#80
Benzo(a)anthracene
Concen: 48.24 ng
RT: 14.46 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Tgt Ion:228 Resp: 1117667
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.0 16.3 24.5

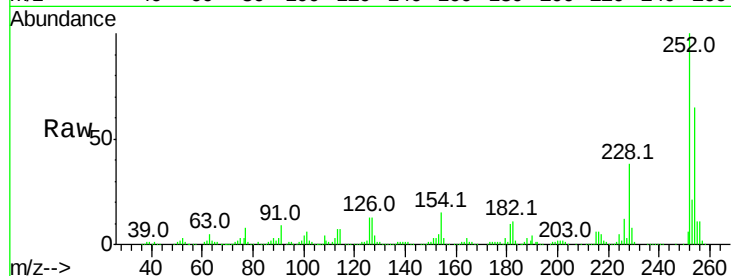




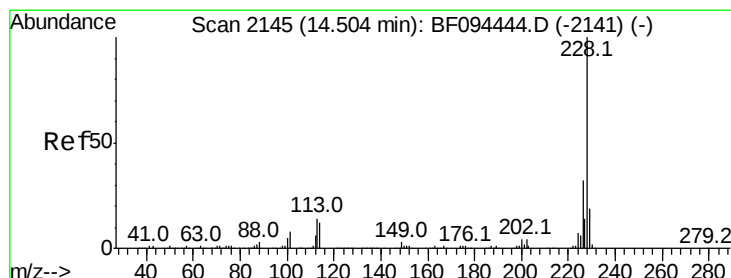
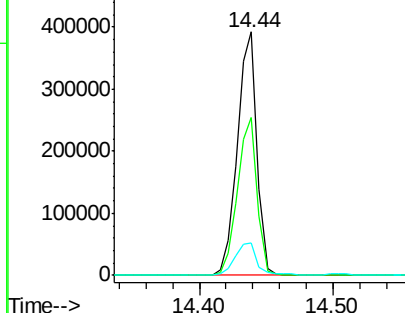
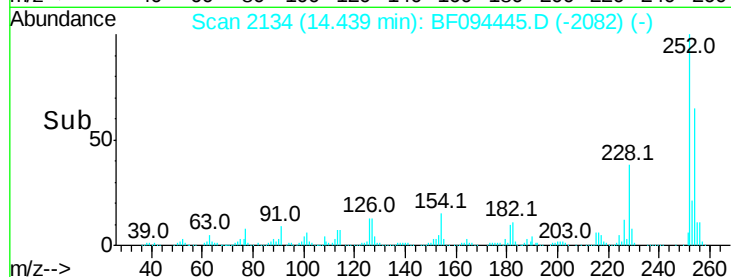
#81
 3,3'-Dichlorobenzidine
 Concen: 48.47 ng
 RT: 14.44 min Scan# 2134
 Delta R.T. 0.01 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 401370
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.5 77.3
 126 13.4 15.8 23.8#

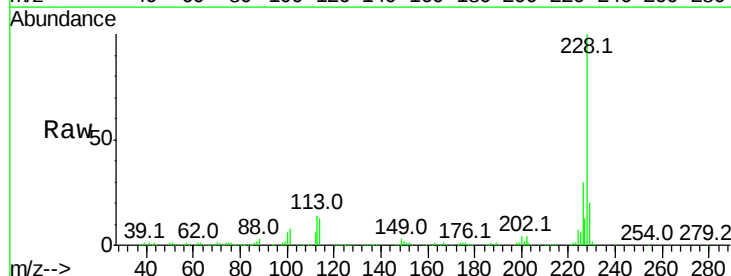


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

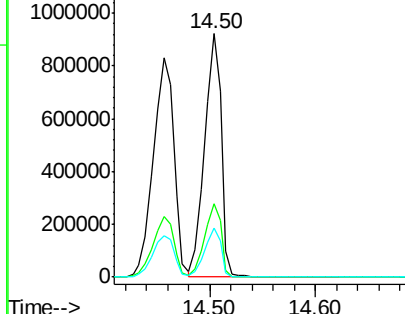
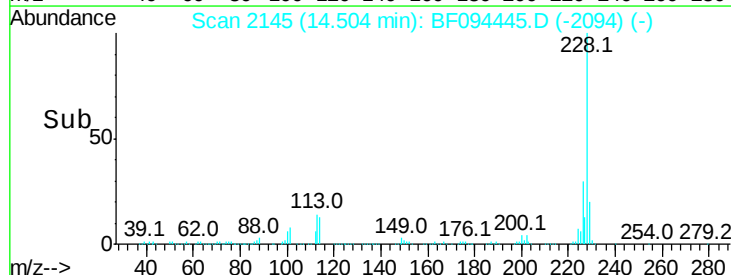


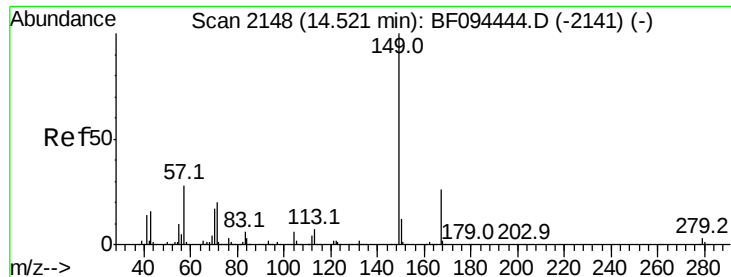
#82
 Chrysene
 Concen: 47.02 ng
 RT: 14.50 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Tgt Ion:228 Resp: 1010868
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.9 37.3
 229 20.0 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

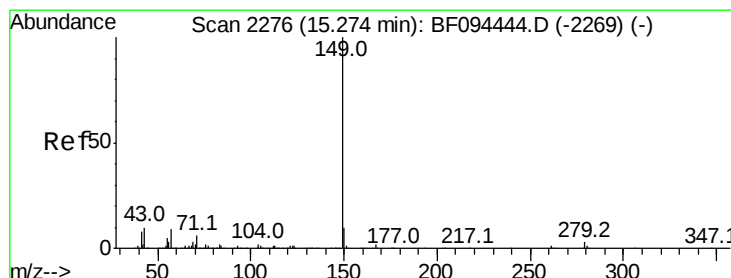
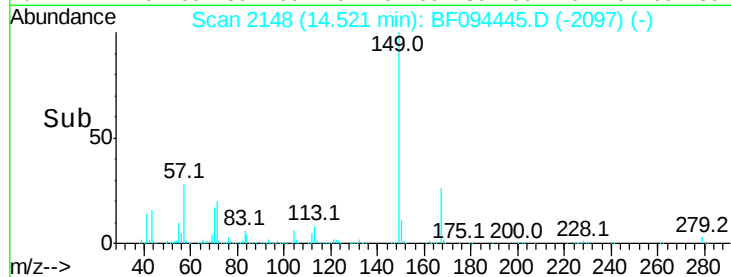
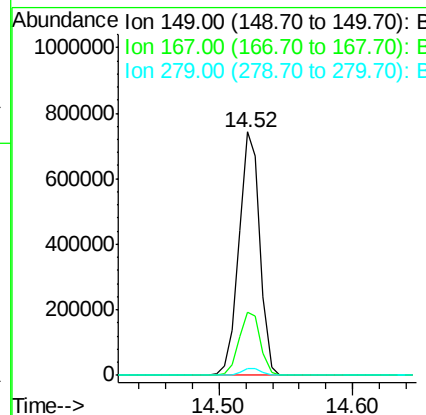
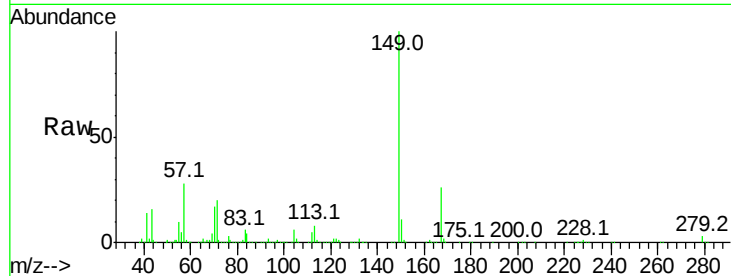




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.46 ng
 RT: 14.52 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

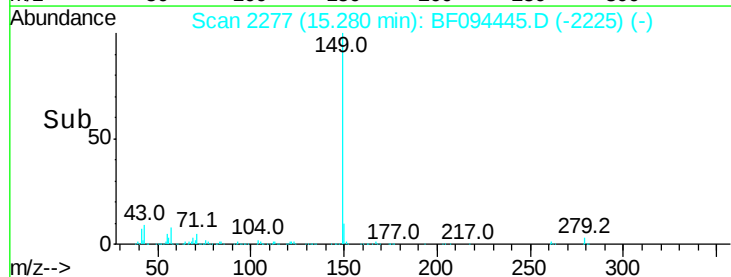
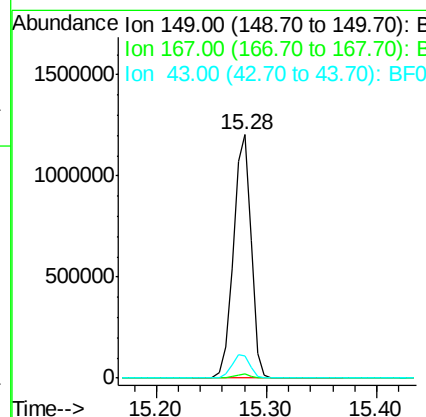
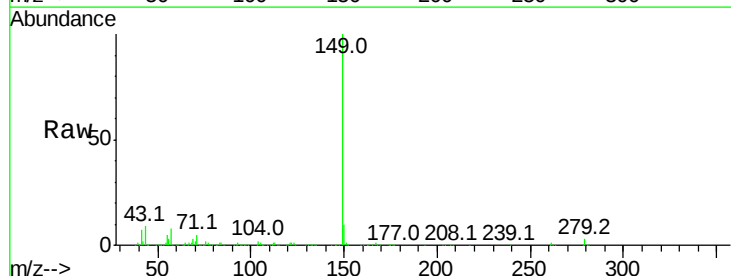
Instrument :
 BNA_F
 ClientSampled :

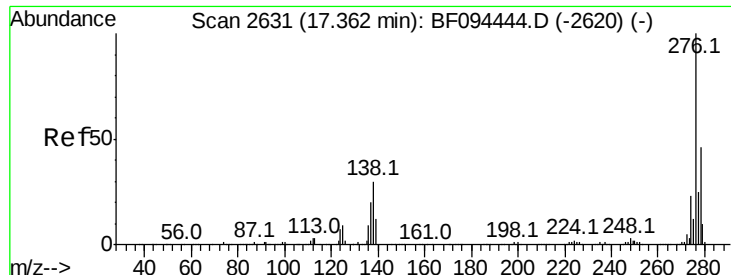
Tot Ion:149 Resp: 812171
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 2.8 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 48.38 ng
 RT: 15.28 min Scan# 2277
 Delta R.T. 0.01 min
 Lab File: BF094445.D
 Acq: 17 Apr 2017 13:11

Tgt Ion:149 Resp: 1354560
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.6 8.5 12.7

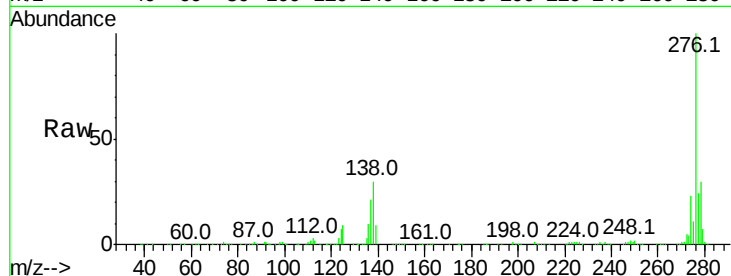




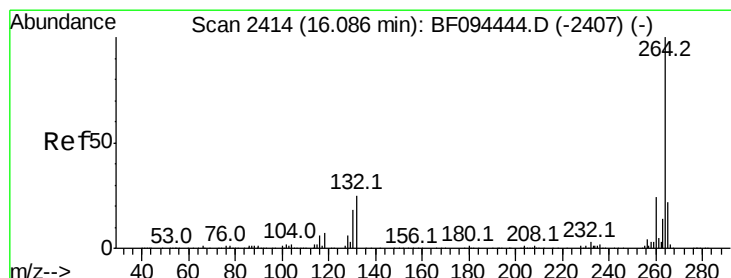
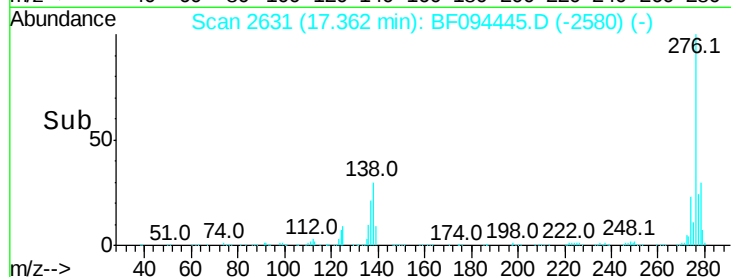
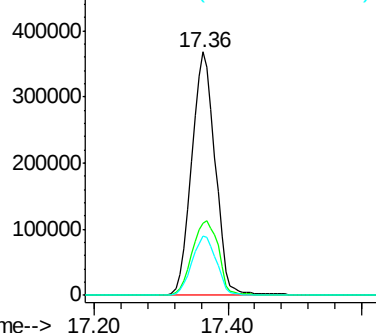
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.45 ng
RT: 17.36 min Scan# 2631
Delta R.T. 0.00 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.1	27.8	41.6
277	25.3	20.2	30.4

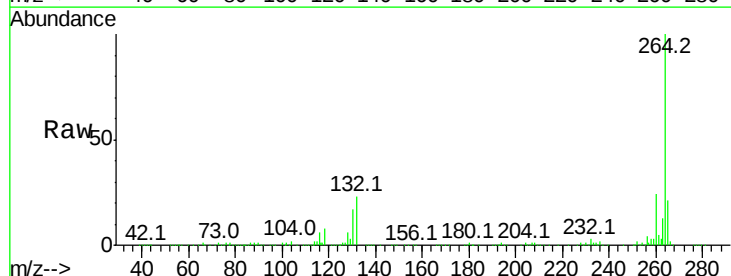


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

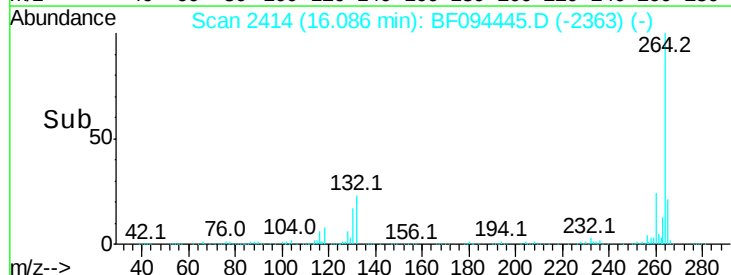
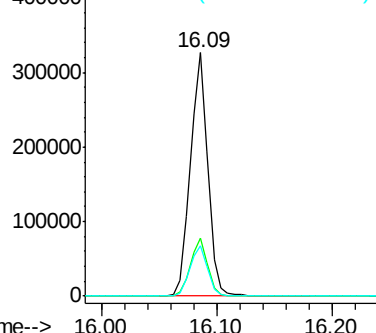


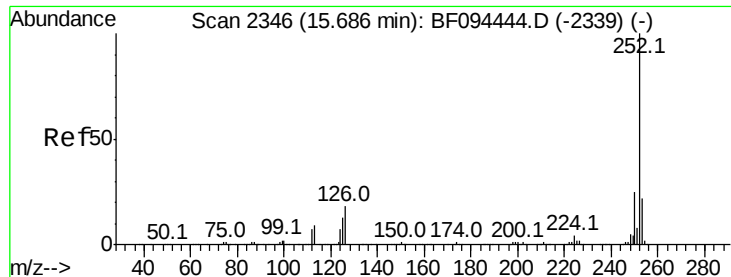
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.7	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: 48.47 ng

RT: 15.69 min Scan# 2347

Delta R.T. 0.01 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

Instrument :

BNA_F

ClientSampled :

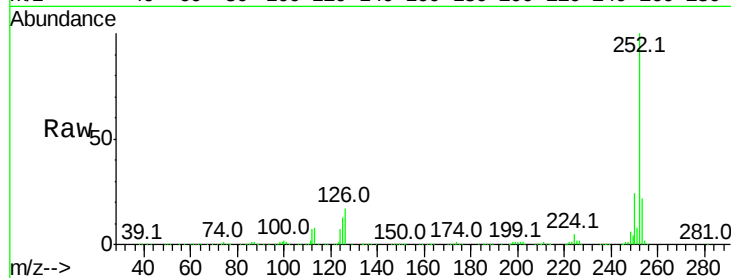
Tot Ion:252 Resp: 1017758

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

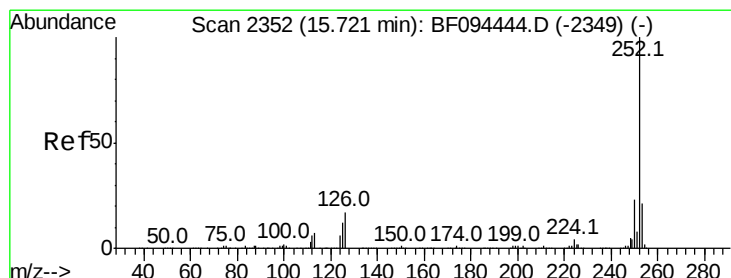
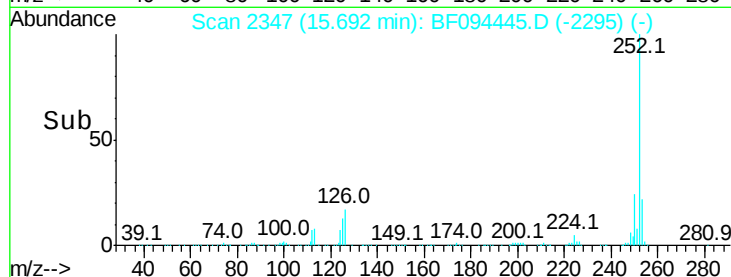
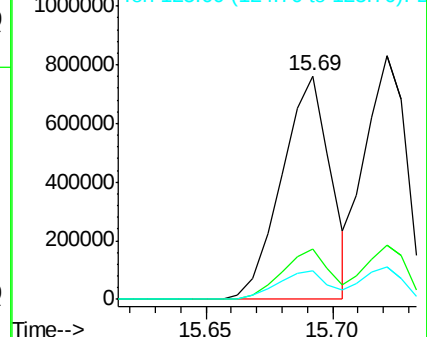
125 13.0 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.70 ng

RT: 15.72 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

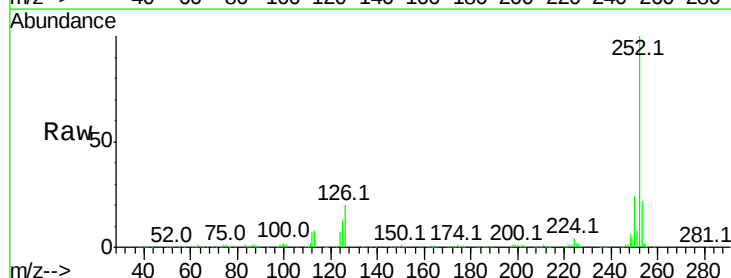
Tgt Ion:252 Resp: 959373

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

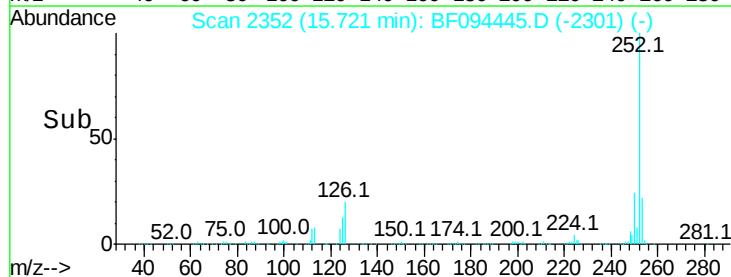
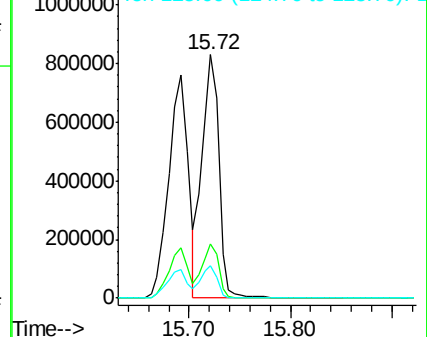
125 13.4 13.1 19.7

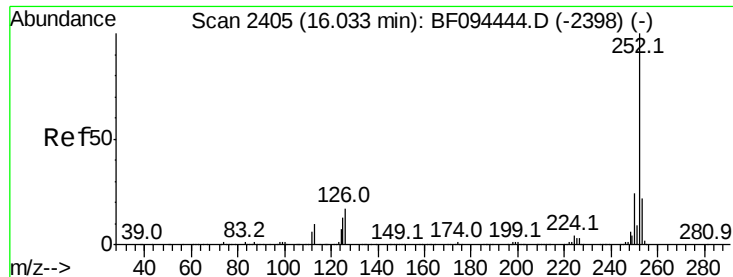


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

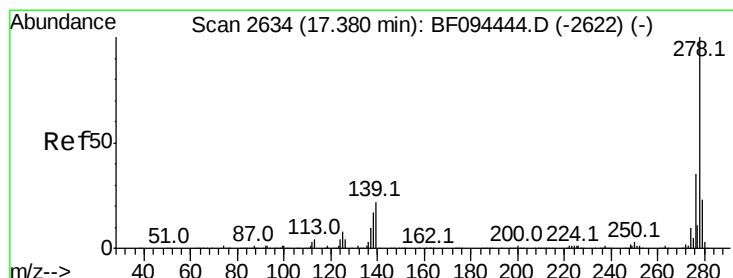
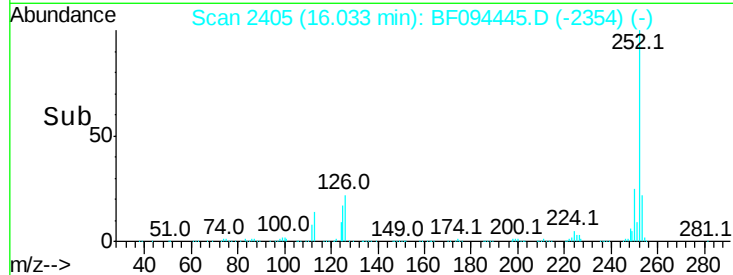
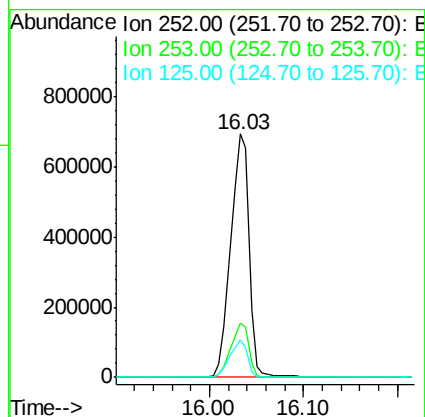
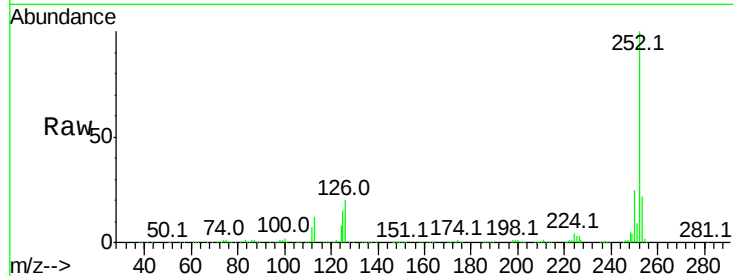




#89
Benzo(a)pyrene
Concen: 49.06 ng
RT: 16.03 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

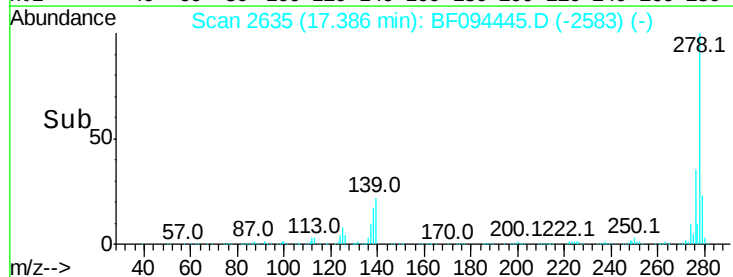
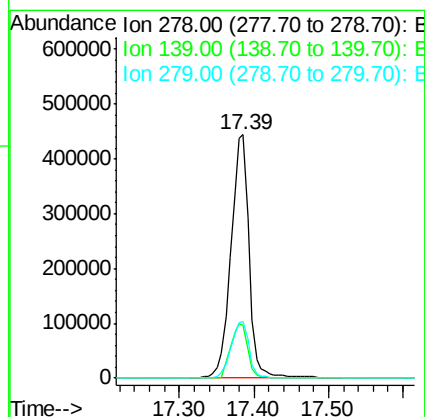
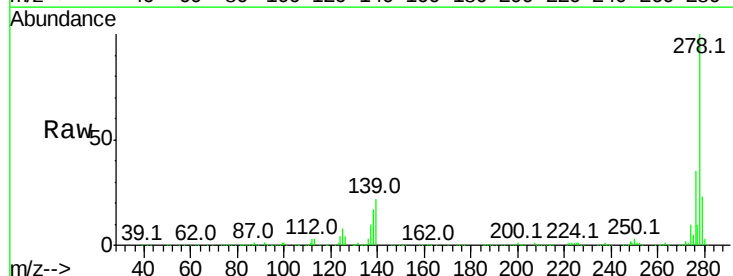
Instrument :
BNA_F
ClientSampled :

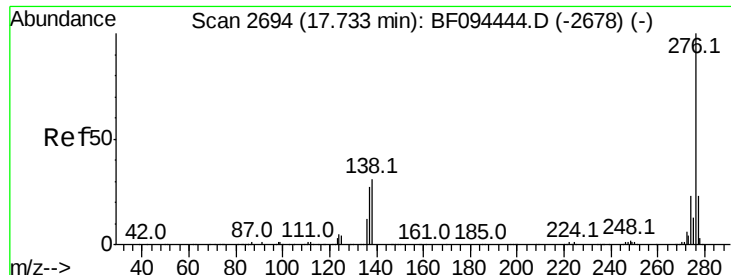
Tot Ion:252 Resp: 948513
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 15.2 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 46.26 ng
RT: 17.39 min Scan# 2635
Delta R.T. 0.01 min
Lab File: BF094445.D
Acq: 17 Apr 2017 13:11

Tgt Ion:278 Resp: 757442
Ion Ratio Lower Upper
278 100
139 21.9 16.6 24.8
279 23.5 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 46.06 ng

RT: 17.74 min Scan# 2695

Delta R.T. 0.01 min

Lab File: BF094445.D

Acq: 17 Apr 2017 13:11

Instrument :

BNA_F

ClientSampleId :

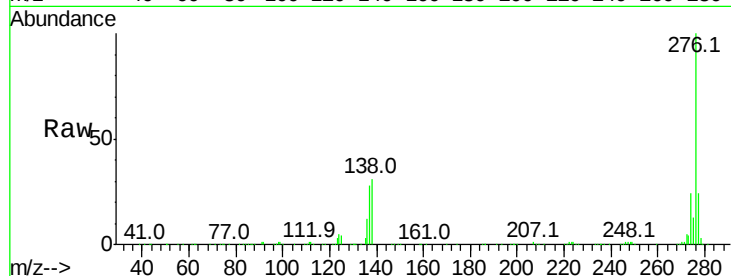
Tot Ion:276 Resp: 760119

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 31.2 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

