

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094745.D
 Acq On : 1 May 2017 12:05
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 01:36:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	109312	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	454853	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	205055	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	372947	20.00	ng	0.00
75) Chrysene-d12	14.47	240	310264	20.00	ng	0.00
86) Perylene-d12	16.09	264	268153	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	548750	83.29	ng	0.02
7) Phenol-d6	5.40	99	611448	78.72	ng	0.00
23) Nitrobenzene-d5	6.42	82	577769	78.43	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	141087	87.96	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1126615	80.84	ng	0.00
78) Terphenyl-d14	13.19	244	965364	83.17	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.11	88	152988	39.93	ng	95
3) Pyridine	2.64	79	347864	41.54	ng	98
4) n-Nitrosodimethylamine	2.59	42	134340	38.77	ng	86
6) Aniline	5.40	93	406169	39.35	ng	97
8) 2-Chlorophenol	5.54	128	306000	40.81	ng	95
9) Benzaldehyde	5.27	77	236333	40.00	ng	99
10) Phenol	5.41	94	378186	39.63	ng	96
11) bis(2-Chloroethyl)ether	5.48	93	279721	40.13	ng	96
12) 1,3-Dichlorobenzene	5.70	146	335127	40.35	ng	98
13) 1,4-Dichlorobenzene	5.78	146	334946	40.08	ng	97
14) 1,2-Dichlorobenzene	5.96	146	306720	39.84	ng	95
15) Benzyl Alcohol	5.95	79	233167	40.47	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	356666	39.02	ng	# 21
17) 2-Methylphenol	6.10	107	235420	39.87	ng	# 87
18) Hexachloroethane	6.34	117	119216	41.61	ng	# 86
19) n-Nitroso-di-n-propylamine	6.25	70	211985	41.19	ng	98
20) 3+4-Methylphenols	6.28	107	328567	40.95	ng	# 62
22) Acetophenone	6.24	105	428089	38.71	ng	# 85
24) Nitrobenzene	6.44	77	302542	39.00	ng	90
25) Isophorone	6.73	82	552784	40.48	ng	# 94
26) 2-Nitrophenol	6.81	139	172352	41.36	ng	99
27) 2,4-Dimethylphenol	6.89	122	268515	39.67	ng	99
28) bis(2-Chloroethoxy)methane	6.98	93	340357	38.53	ng	98
29) 2,4-Dichlorophenol	7.12	162	255433	40.56	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	263899	40.53	ng	99
31) Naphthalene	7.28	128	875584	40.04	ng	99
32) Benzoic acid	7.10	122	182237	50.91	ng	97
33) 4-Chloroaniline	7.37	127	350982	38.58	ng	# 94
34) Hexachlorobutadiene	7.44	225	132842	40.92	ng	98
35) Caprolactam	7.82	113	53207	26.89	ng	94
36) 4-Chloro-3-methylphenol	8.00	107	271775	41.18	ng	88
37) 2-Methylnaphthalene	8.12	142	601114	40.18	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	247659	42.41	ng	98
40) Hexachlorocyclopentadiene	8.31	237	96304	40.77	ng	97

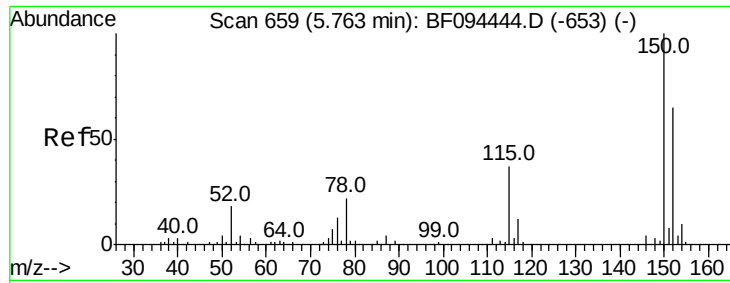
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094745.D
 Acq On : 1 May 2017 12:05
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	170445	41.57	ng	97
43) 2,4,5-Trichlorophenol	8.55	196	176532	41.92	ng	95
45) 1,1'-Biphenyl	8.70	154	698681	41.70	ng	99
46) 2-Chloronaphthalene	8.72	162	551409	41.39	ng	96
47) 2-Nitroaniline	8.87	65	156587	40.86	ng	# 79
48) Acenaphthylene	9.22	152	868544	41.82	ng	99
49) Dimethylphthalate	9.10	163	660510	43.22	ng	99
50) 2,6-Dinitrotoluene	9.17	165	145833	42.52	ng	92
51) Acenaphthene	9.44	154	513830	41.31	ng	100
52) 3-Nitroaniline	9.38	138	146233	36.85	ng	88
53) 2,4-Dinitrophenol	9.52	184	72957	42.14	ng	# 65
54) Dibenzofuran	9.65	168	739795	40.92	ng	# 90
55) 4-Nitrophenol	9.65	139	399136	142.36	ng	# 44
56) 2,4-Dinitrotoluene	9.67	165	183822	43.68	ng	# 86
57) Fluorene	10.07	166	578814	41.12	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	135466	44.88	ng	# 94
59) Diethylphthalate	9.96	149	614419	42.61	ng	99
60) 4-Chlorophenyl-phenylether	10.08	204	254907	43.51	ng	91
61) 4-Nitroaniline	10.13	138	144253	35.76	ng	96
62) Azobenzene	10.27	77	580480	41.46	ng	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	103147	42.21	ng	# 69
65) n-Nitrosodiphenylamine	10.23	169	525957	40.55	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	153337	41.41	ng	95
67) Hexachlorobenzene	10.75	284	153716	41.19	ng	# 84
68) Atrazine	10.91	200	162768	41.95	ng	95
69) Pentachlorophenol	11.01	266	64818	43.74	ng	98
70) Phenanthrene	11.25	178	854755	40.70	ng	98
71) Anthracene	11.31	178	902177	41.53	ng	99
72) Carbazole	11.52	167	818935	40.16	ng	98
73) Di-n-butylphthalate	11.97	149	974889	43.42	ng	99
74) Fluoranthene	12.71	202	838557	38.53	ng	99
76) Benzidine	12.89	184	390966	31.12	ng	95
77) Pyrene	12.98	202	857844	39.57	ng	99
79) Butylbenzylphthalate	13.80	149	416437	43.84	ng	# 86
80) Benzo(a)anthracene	14.46	228	734079	40.71	ng	99
81) 3,3'-Dichlorobenzidine	14.44	252	253157	39.66	ng	# 96
82) Chrysene	14.51	228	661938	40.16	ng	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	561740	44.04	ng	# 98
84) Di-n-octyl phthalate	15.27	149	956471	44.70	ng	96
85) Indeno(1,2,3-cd)pyrene	17.38	276	588198	37.51	ng	99
87) Benzo(b)fluoranthene	15.70	252	678376	41.36	ng	98
88) Benzo(k)fluoranthene	15.73	252	622792	40.12	ng	# 94
89) Benzo(a)pyrene	16.04	252	618031	40.50	ng	99
90) Dibenzo(a,h)anthracene	17.40	278	489811	38.65	ng	99
91) Benzo(g,h,i)perylene	17.76	276	472982	36.66	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Instrument :

BNA_F

ClientSampled :

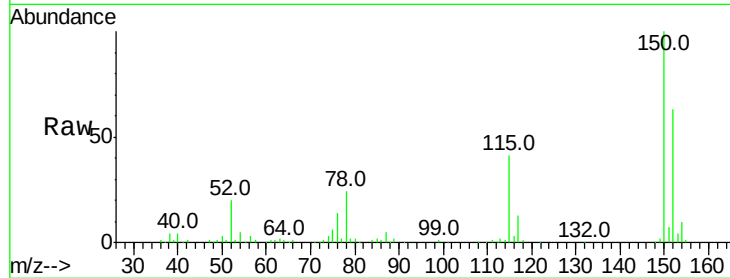
Tot Ion:152 Resp: 109312

Ion Ratio Lower Upper

152 100

150 158.0 126.2 189.2

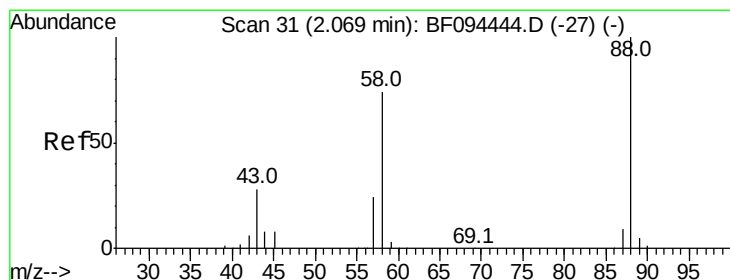
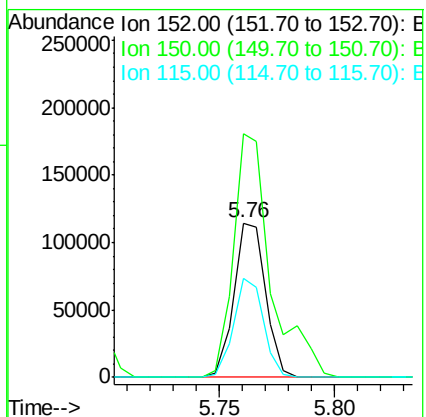
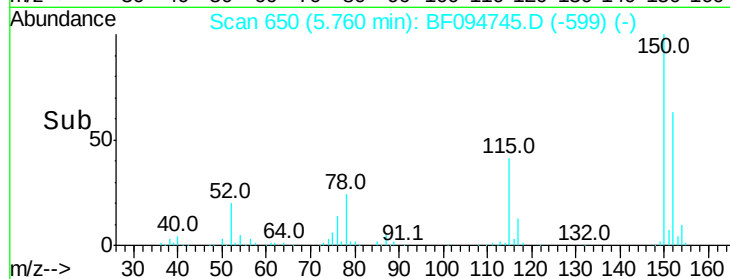
115 64.4 52.2 78.2



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: 39.93 ng

RT: 2.11 min Scan# 30

Delta R.T. 0.04 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

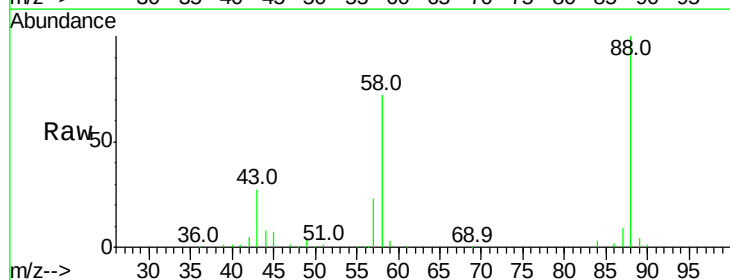
Tgt Ion: 88 Resp: 152988

Ion Ratio Lower Upper

88 100

58 72.1 61.4 92.0

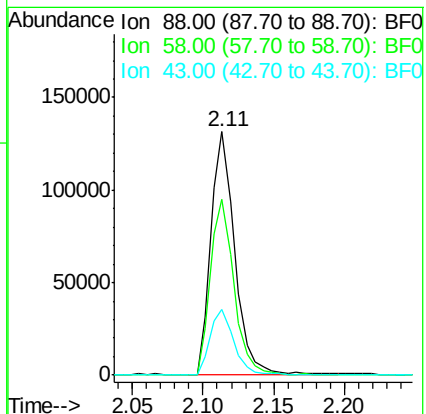
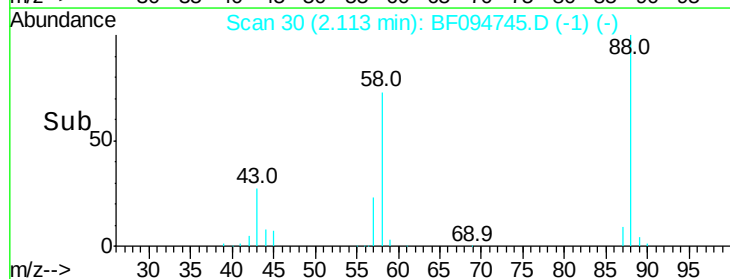
43 27.2 23.4 35.0

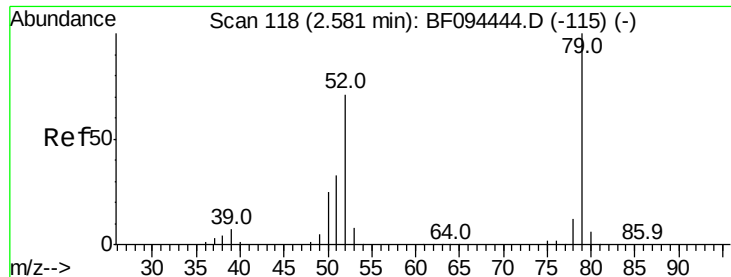


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.54 ng

RT: 2.64 min Scan# 119

Delta R.T. 0.06 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Instrument :

BNA_F

ClientSampleId :

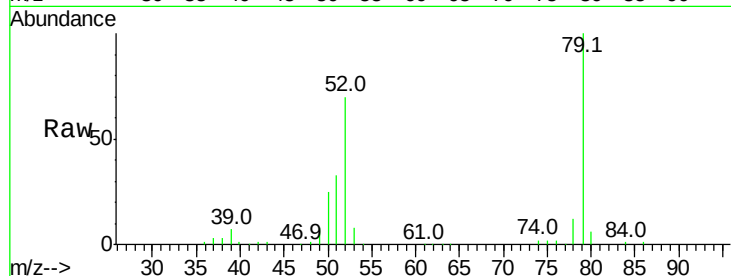
Tot Ion: 79 Resp: 347864

Ion Ratio Lower Upper

79 100

52 69.7 54.8 82.2

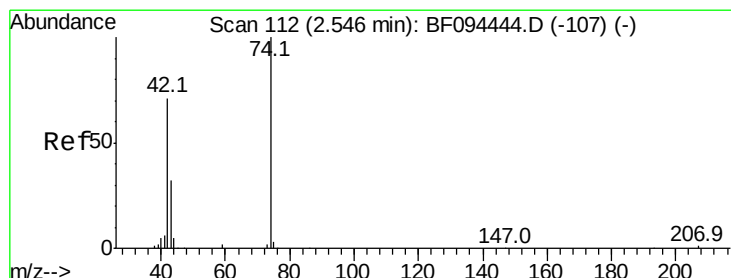
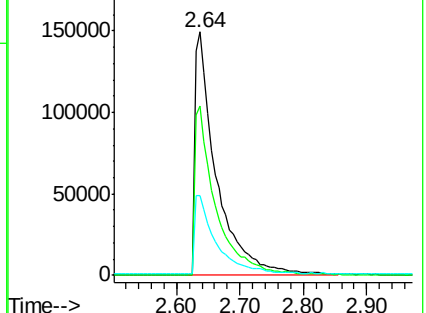
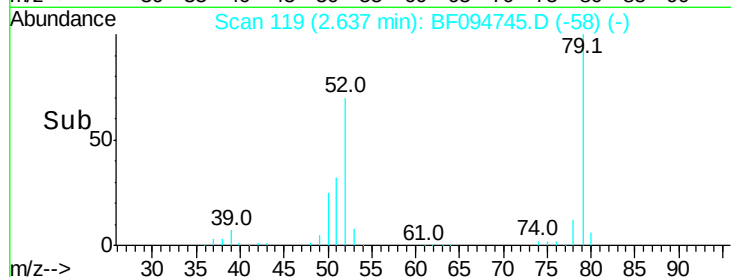
51 32.6 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.77 ng

RT: 2.59 min Scan# 111

Delta R.T. 0.04 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

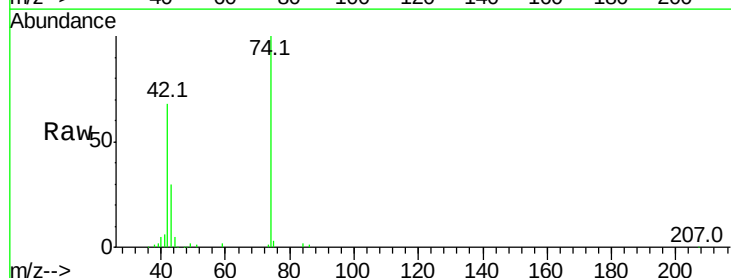
Tgt Ion: 42 Resp: 134340

Ion Ratio Lower Upper

42 100

74 147.1 103.9 155.9

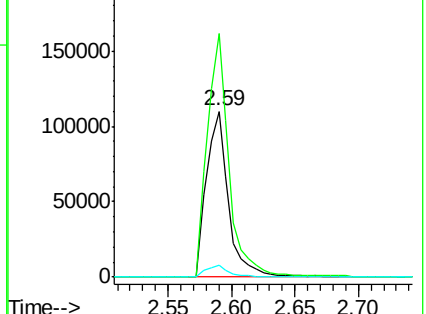
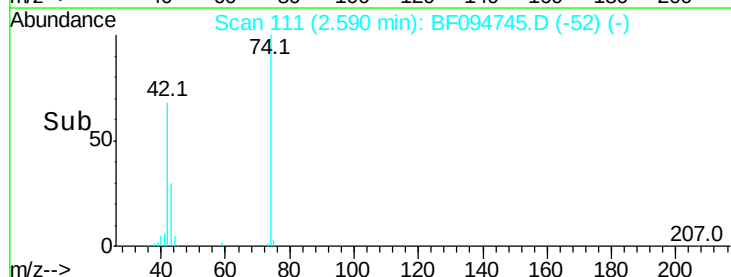
44 7.2 5.7 8.5

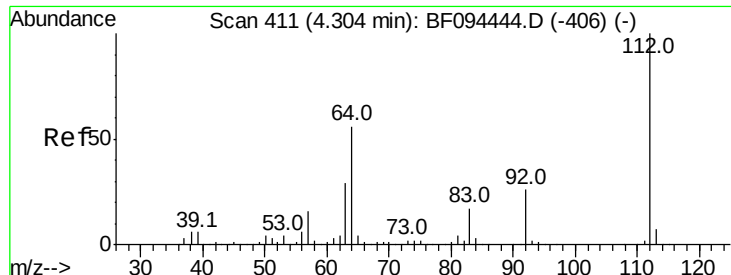


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.29 ng

RT: 4.32 min Scan# 406

Delta R.T. 0.02 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Instrument :

BNA_F

ClientSampleId :

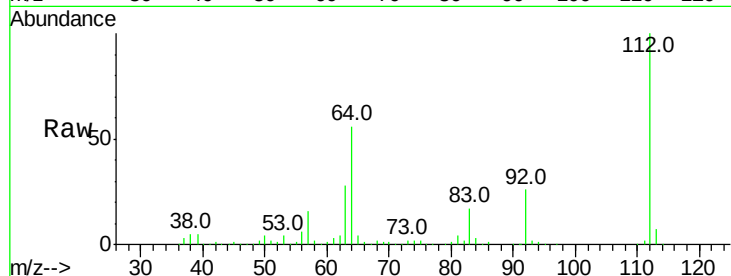
Tot Ion:112 Resp: 548750

Ion Ratio Lower Upper

112 100

64 56.2 46.0 69.0

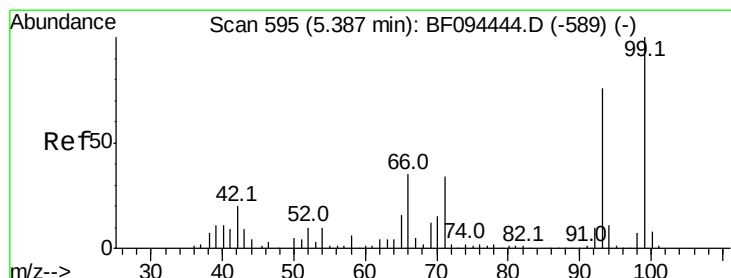
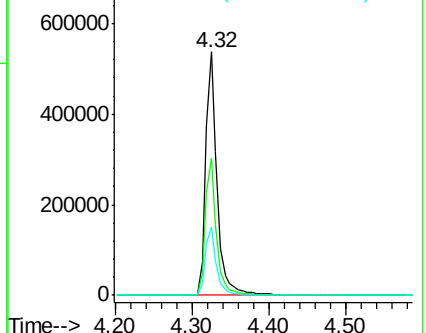
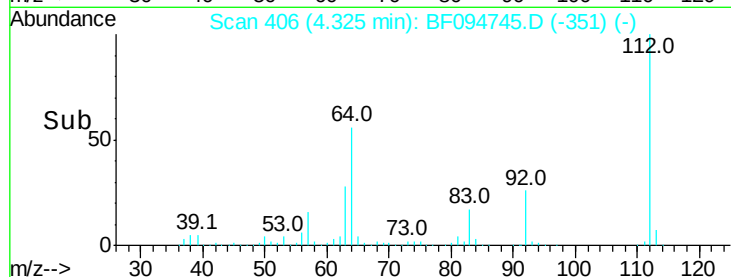
63 27.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.35 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

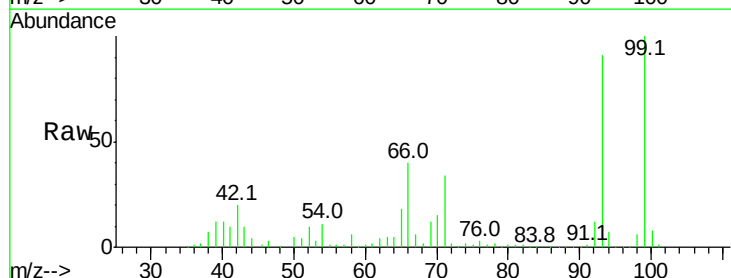
Tgt Ion: 93 Resp: 406169

Ion Ratio Lower Upper

93 100

66 43.6 32.9 49.3

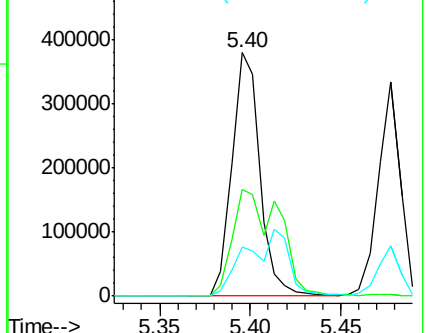
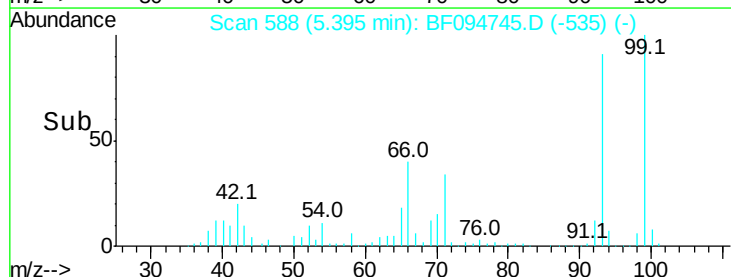
65 20.1 16.0 24.0

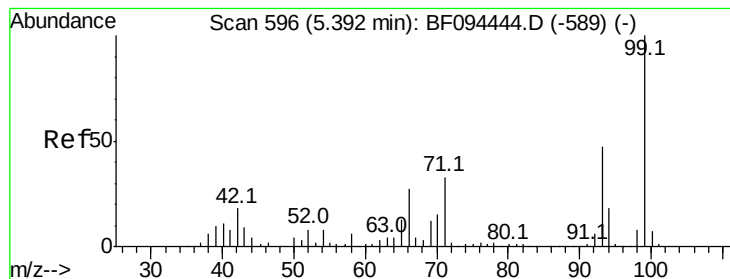


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.72 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Instrument :

BNA_F

ClientSampleId :

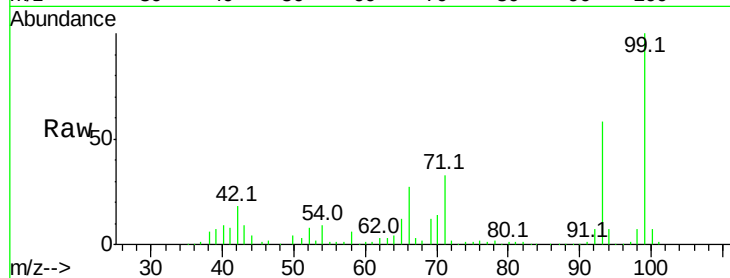
Tot Ion: 99 Resp: 611448

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

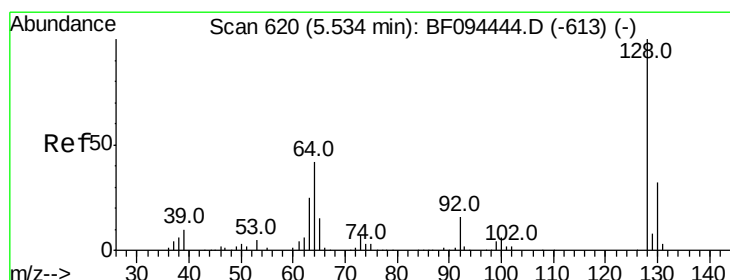
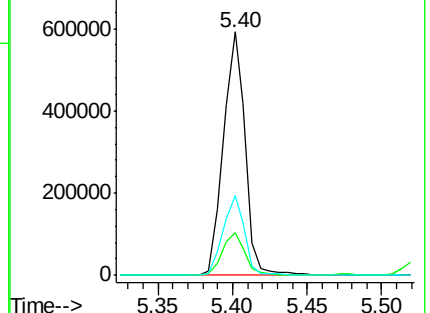
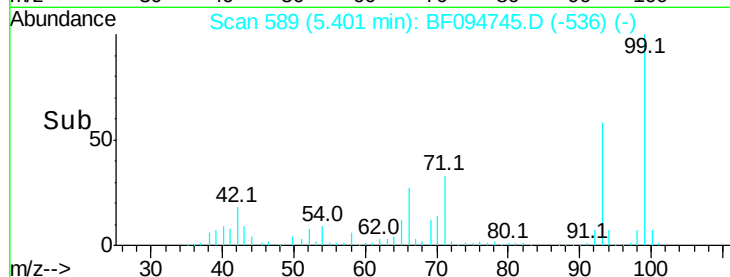
71 32.8 24.5 36.7



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: 40.81 ng

RT: 5.54 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

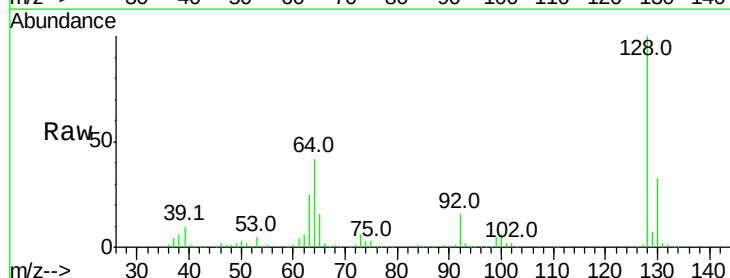
Tgt Ion:128 Resp: 306000

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

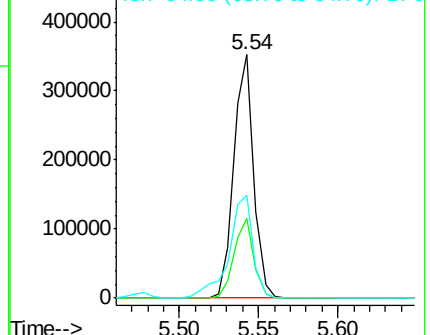
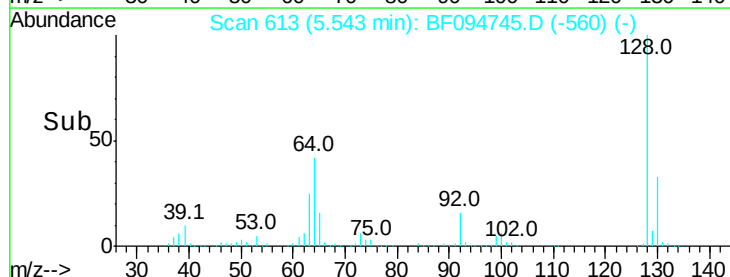
64 42.2 28.4 68.4

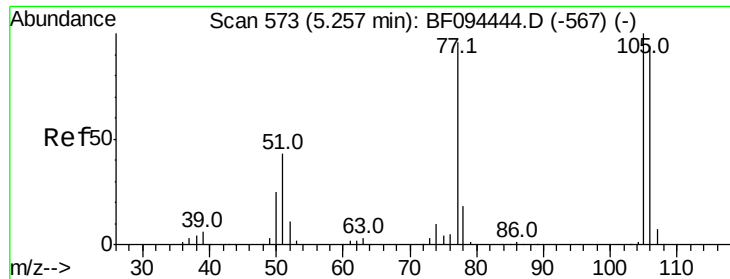


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

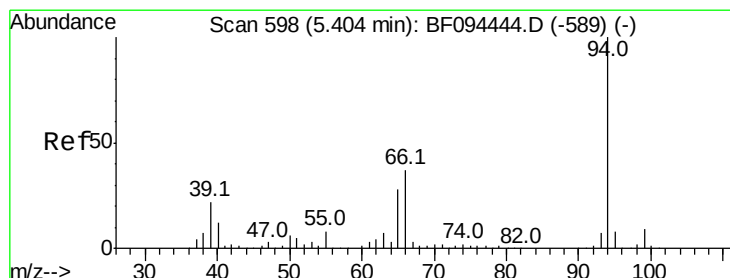
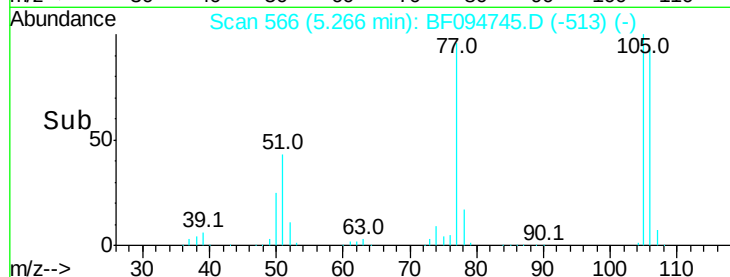
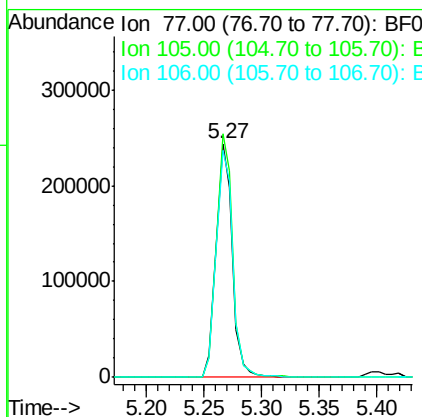
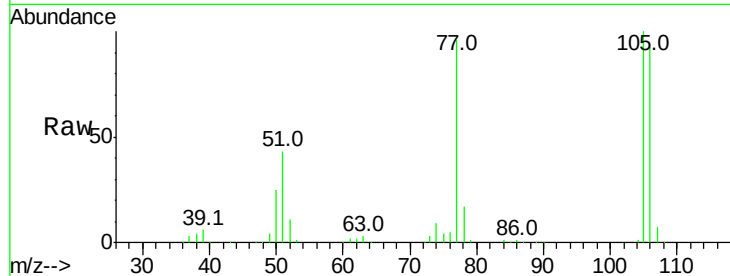




#9
Benzaldehyde
Concen: 40.00 ng
RT: 5.27 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

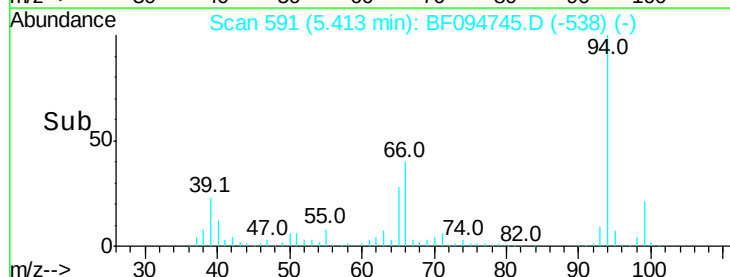
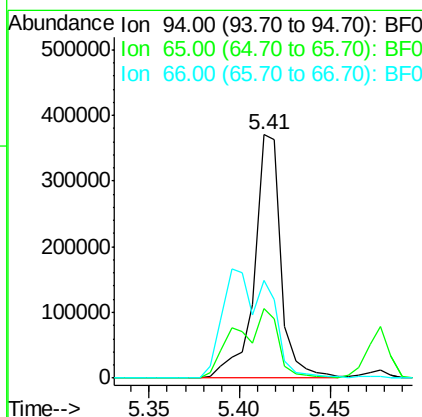
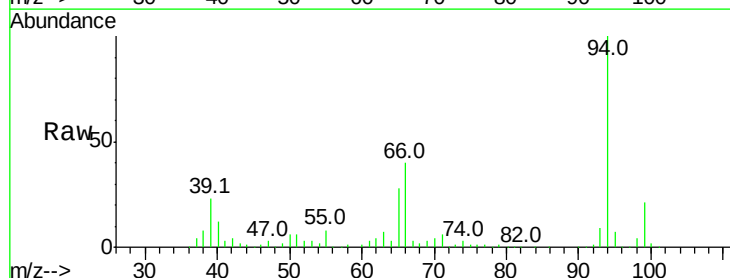
Instrument :
BNA_F
ClientSampleId :

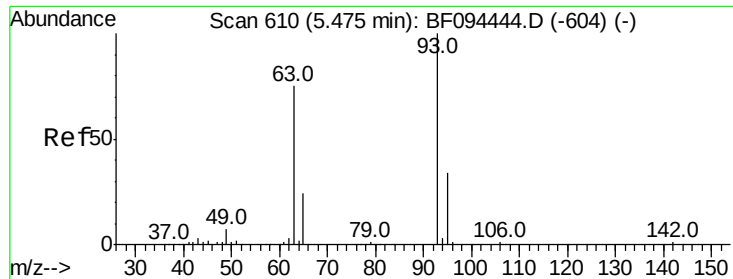
Tot Ion: 77 Resp: 236333
Ion Ratio Lower Upper
77 100
105 104.1 83.8 123.8
106 97.0 79.1 119.1



#10
Phenol
Concen: 39.63 ng
RT: 5.41 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

Tgt Ion: 94 Resp: 378186
Ion Ratio Lower Upper
94 100
65 28.5 9.9 49.9
66 40.0 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 40.13 ng

RT: 5.48 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Instrument :

BNA_F

ClientSampleId :

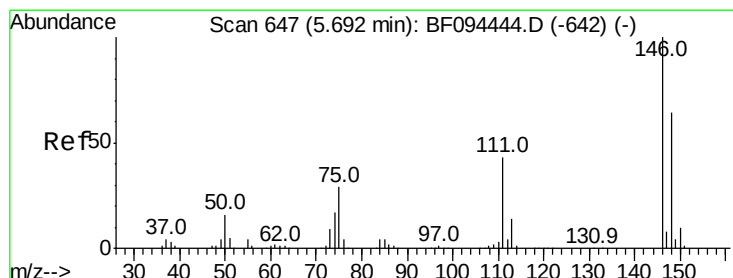
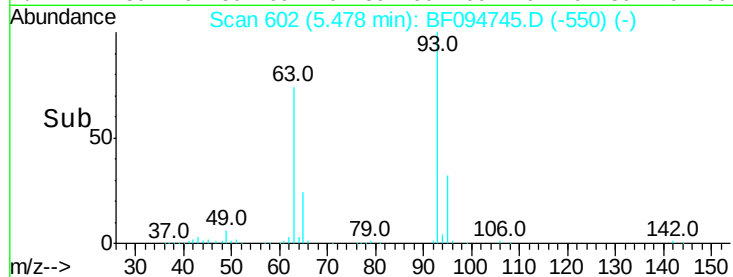
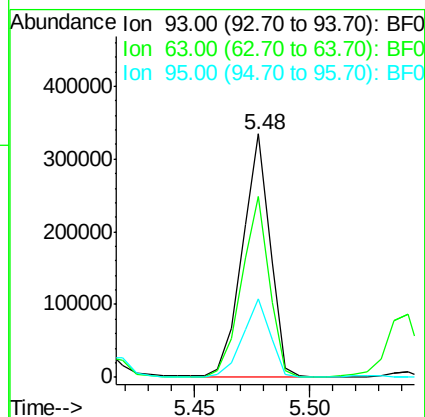
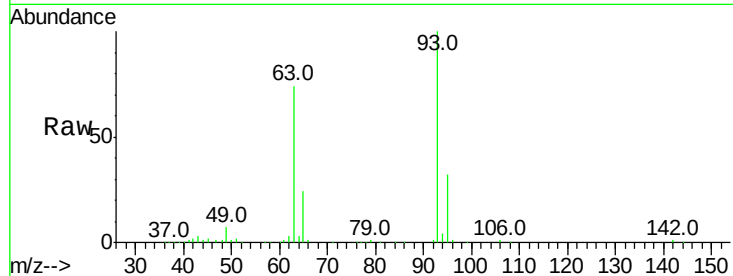
Tot Ion: 93 Resp: 279721

Ion Ratio Lower Upper

93 100

63 74.3 59.2 99.2

95 32.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.35 ng

RT: 5.70 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

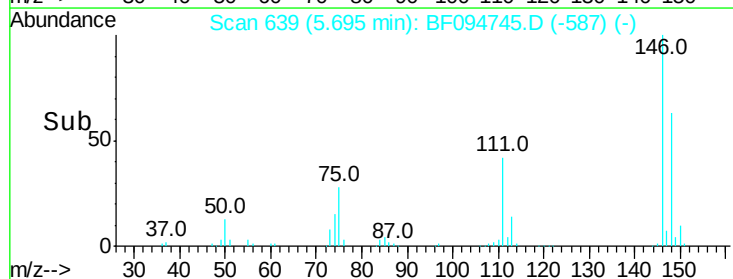
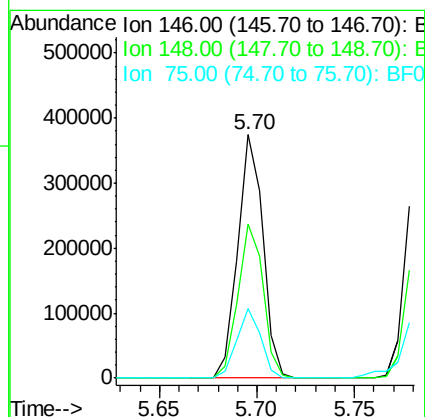
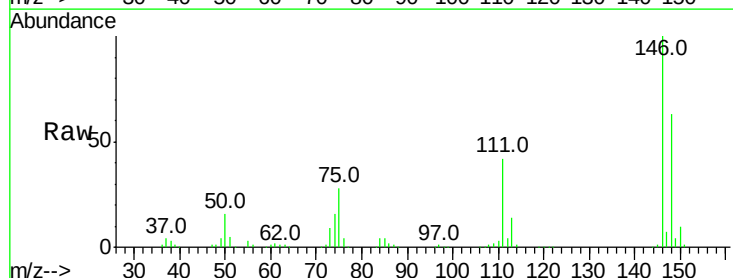
Tgt Ion: 146 Resp: 335127

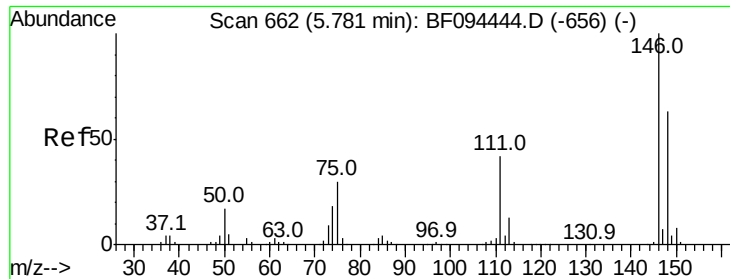
Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.6

75 28.4 23.1 34.7

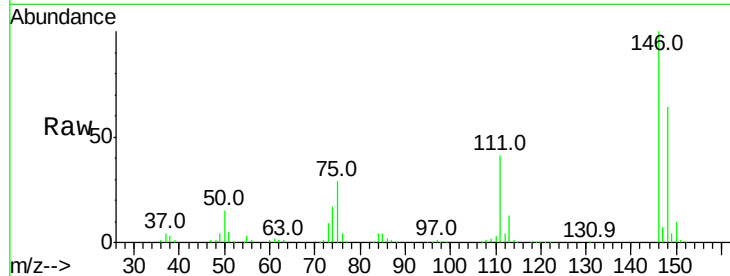




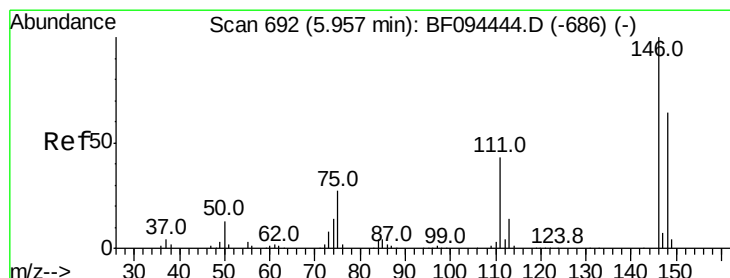
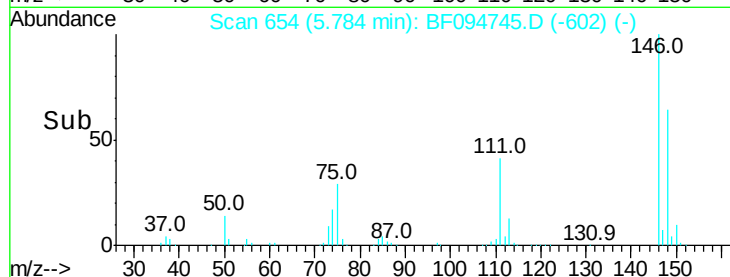
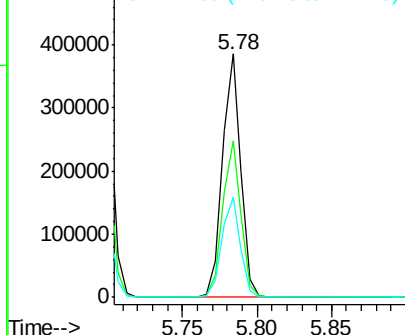
#13
 1,4-Dichlorobenzene
 Concen: 40.08 ng
 RT: 5.78 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 334946
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.2
 111 41.4 30.3 45.5

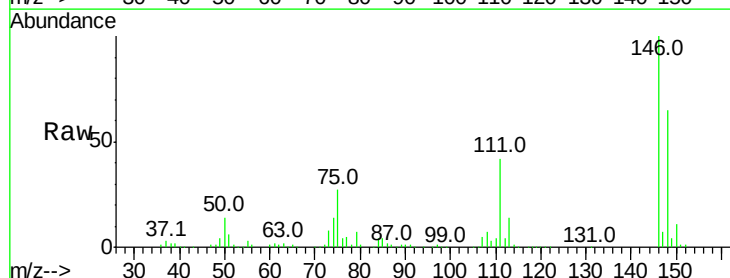


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

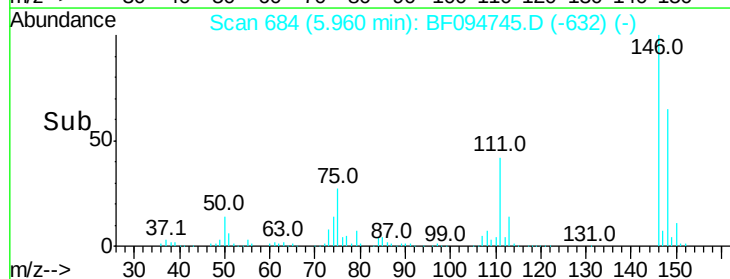
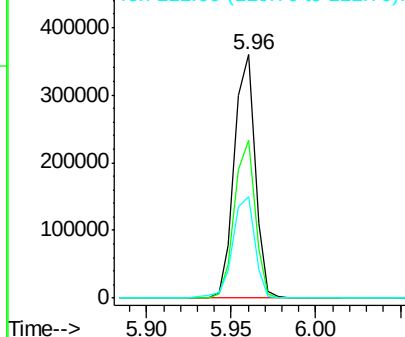


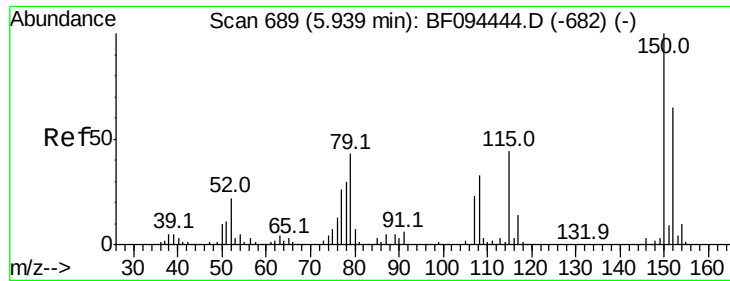
#14
 1,2-Dichlorobenzene
 Concen: 39.84 ng
 RT: 5.96 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Tgt Ion:146 Resp: 306720
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.4 75.6
 111 41.7 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

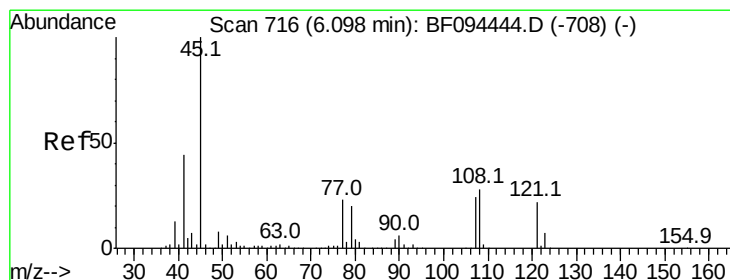
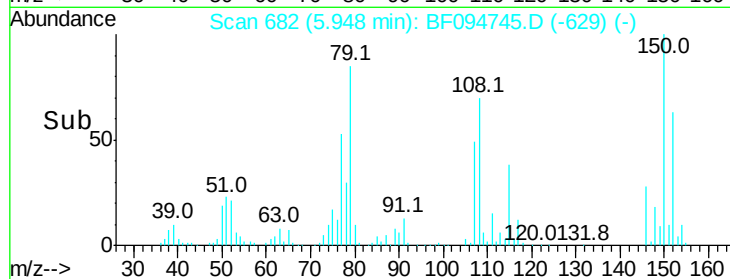
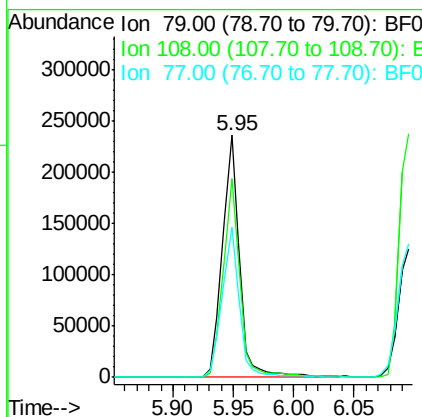
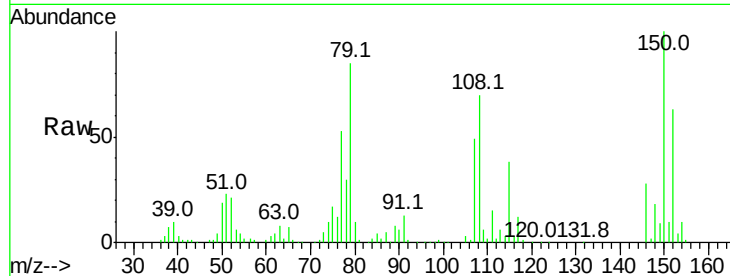




#15
Benzyl Alcohol
Concen: 40.47 ng
RT: 5.95 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

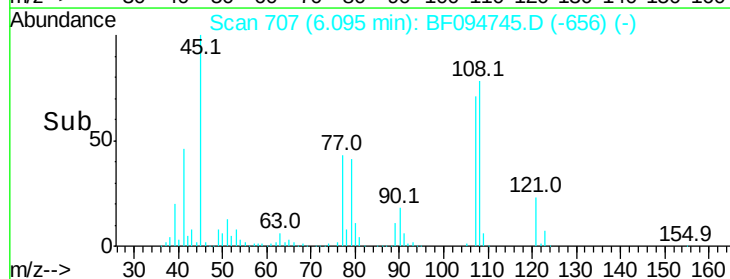
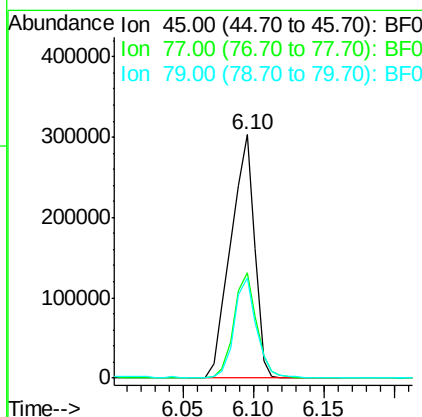
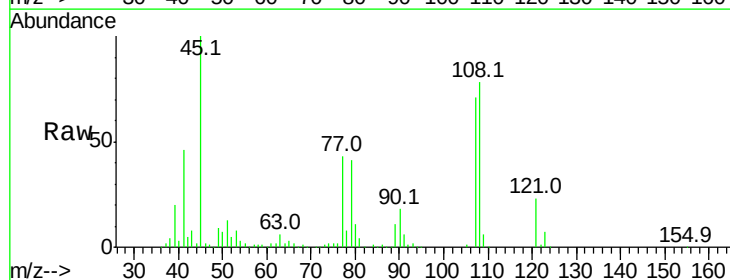
Instrument :
BNA_F
ClientSampled :

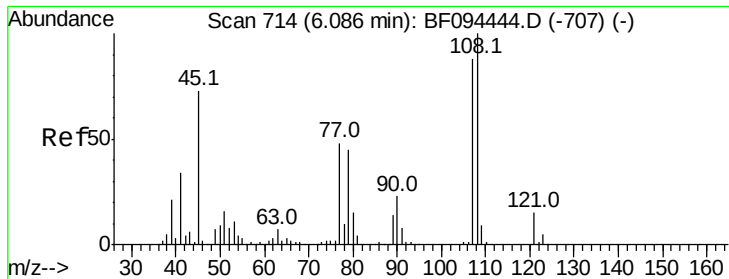
Tot Ion: 79 Resp: 233167
Ion Ratio Lower Upper
79 100
108 82.1 63.4 95.0
77 62.4 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.02 ng
RT: 6.10 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

Tgt Ion: 45 Resp: 356666
Ion Ratio Lower Upper
45 100
77 43.1 0.0 33.2#
79 41.2 0.0 30.0#





#17

2-Methylphenol

Concen: 39.87 ng

RT: 6.10 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 235420

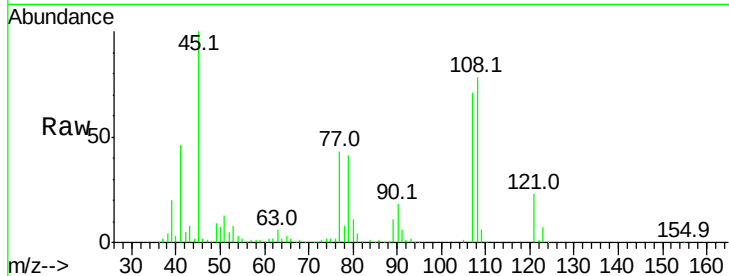
Ion Ratio Lower Upper

107 100

108 110.7 93.4 140.0

77 60.8 35.8 53.6#

79 58.2 34.8 52.2#

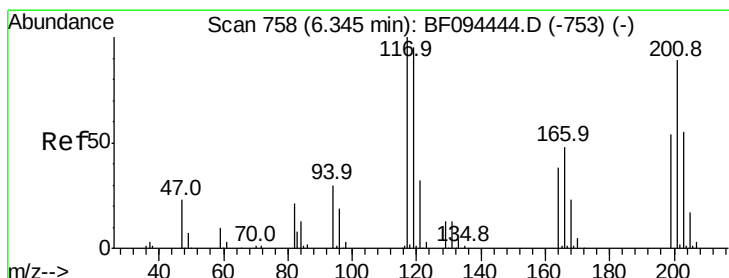
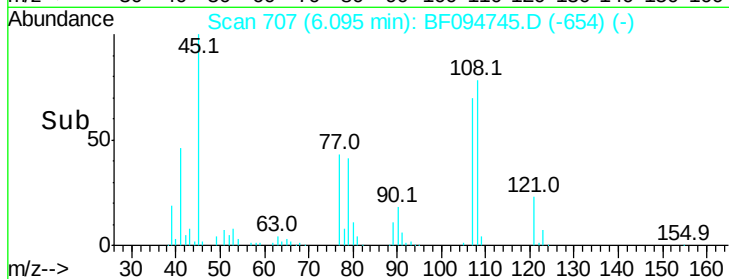
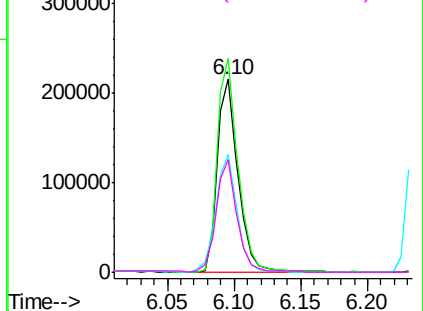


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.61 ng

RT: 6.34 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

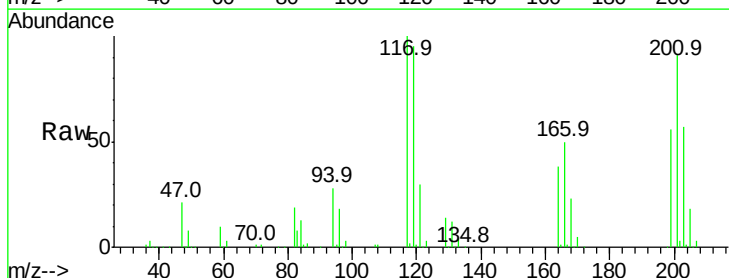
Tgt Ion:117 Resp: 119216

Ion Ratio Lower Upper

117 100

119 95.2 77.4 116.0

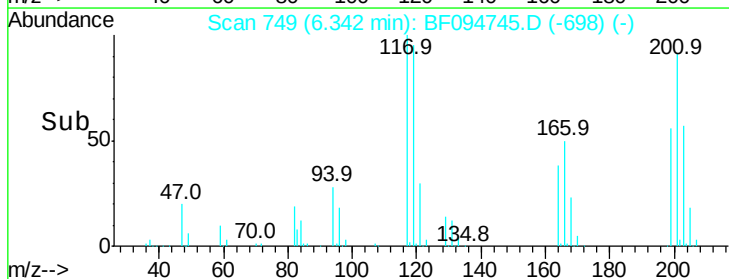
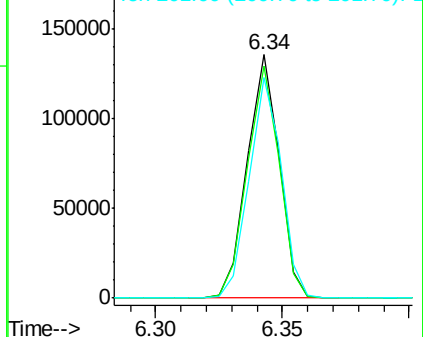
201 90.6 94.6 141.8#

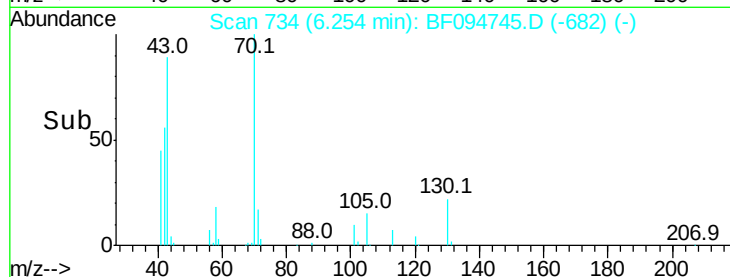
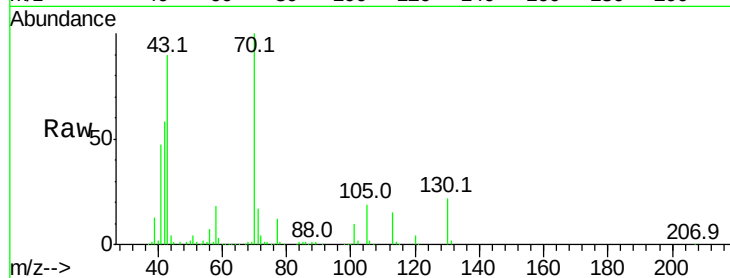
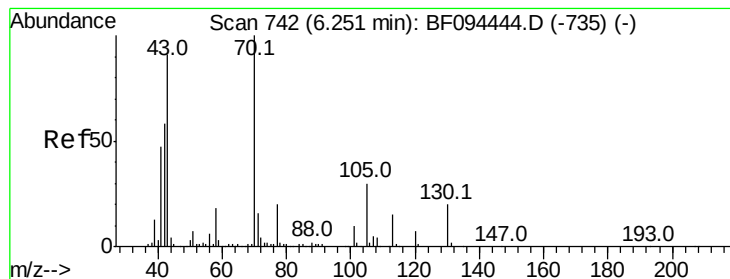


Abundance Ion 117.00 (116.70 to 117.70): E

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: 41.19 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 211985

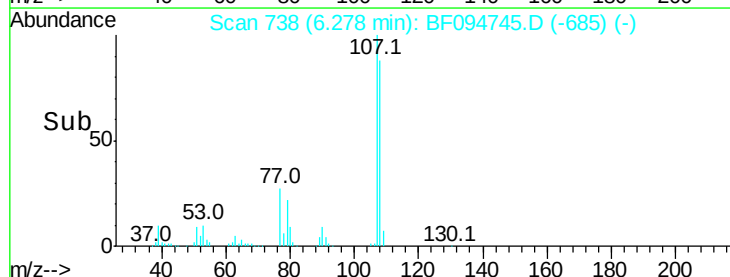
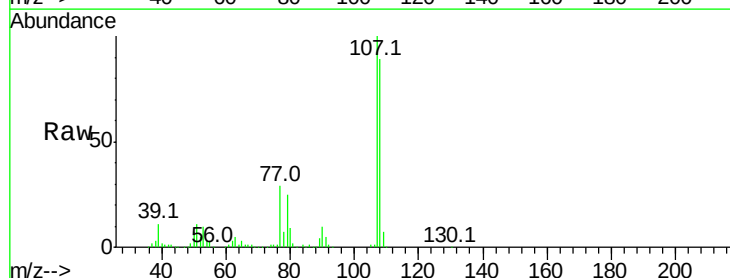
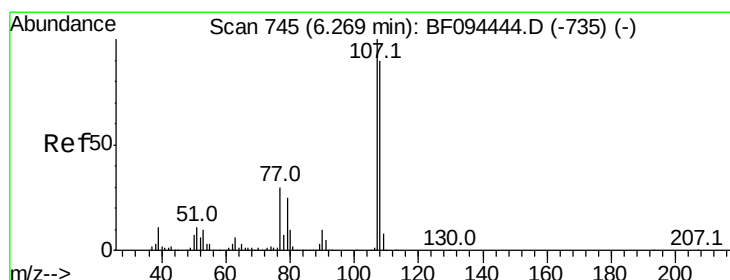
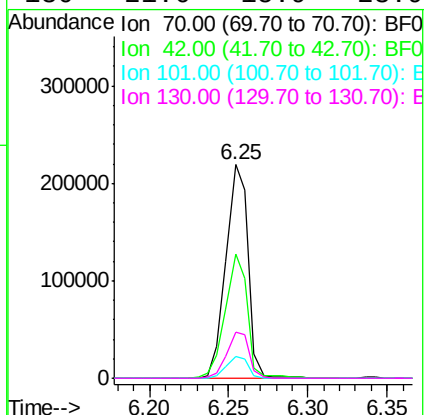
Ion Ratio Lower Upper

70 100

42 57.9 47.2 70.8

101 10.1 7.2 10.8

130 21.6 15.9 23.9



#20

3+4-Methylphenols

Concen: 40.95 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Tgt Ion: 107 Resp: 328567

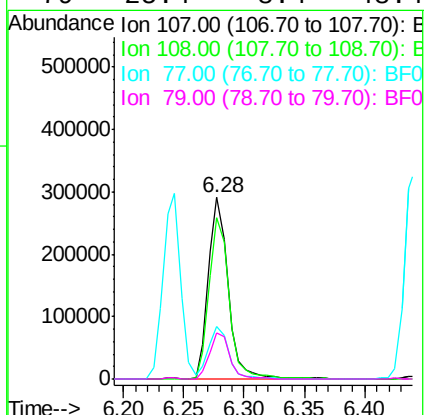
Ion Ratio Lower Upper

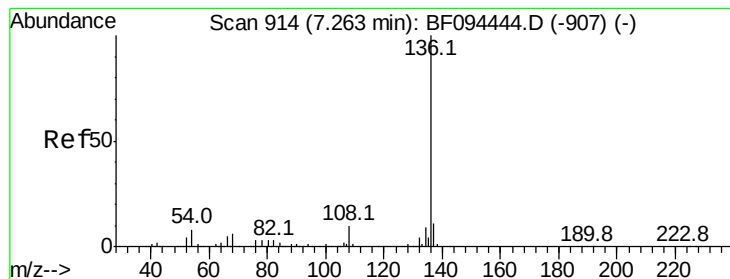
107 100

108 89.2 71.0 111.0

77 29.1 90.5 130.5#

79 25.4 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 454853

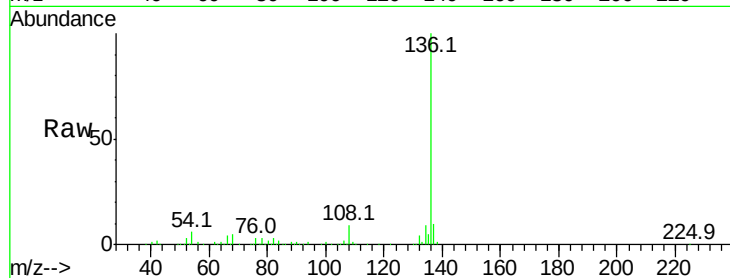
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.2 4.9 7.3

68 4.9 4.1 6.1

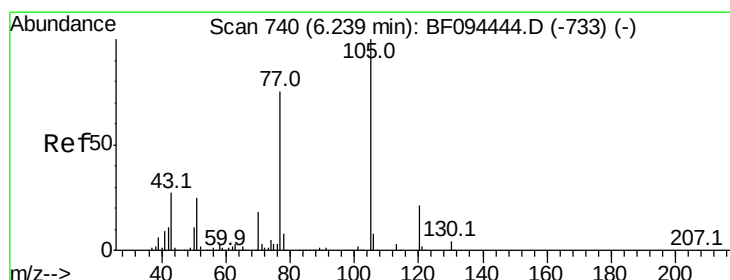
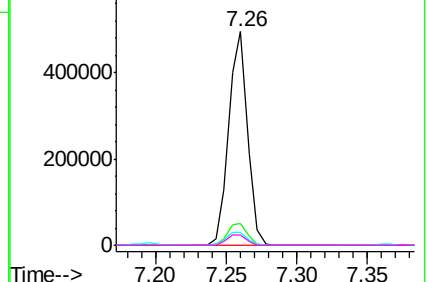
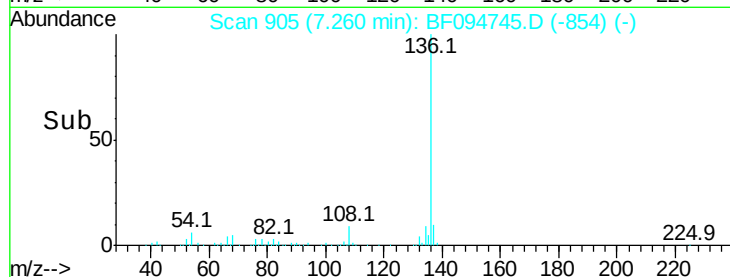


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.71 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Tgt Ion:105 Resp: 428089

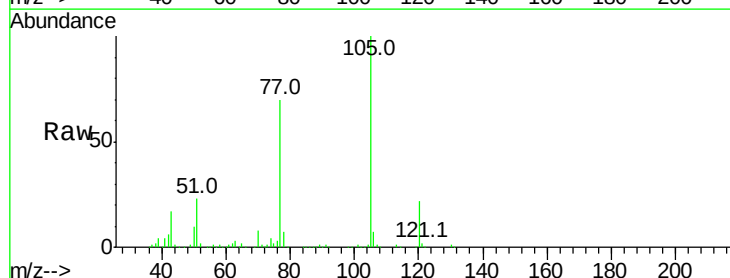
Ion Ratio Lower Upper

105 100

71 1.4 2.8 4.2#

51 23.4 30.7 46.1#

120 21.7 17.4 26.0

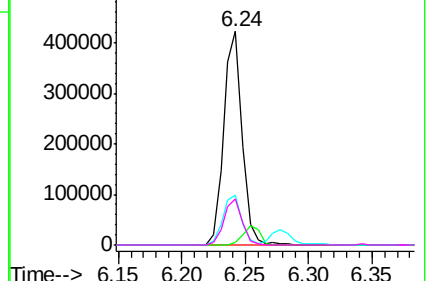
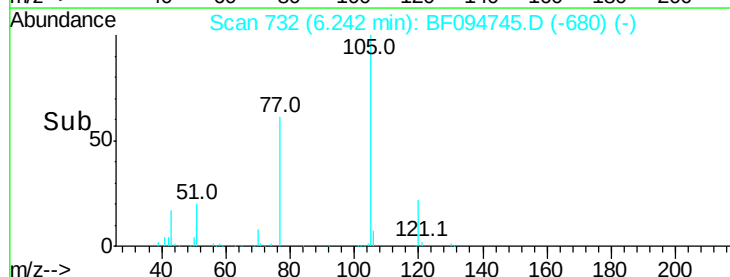


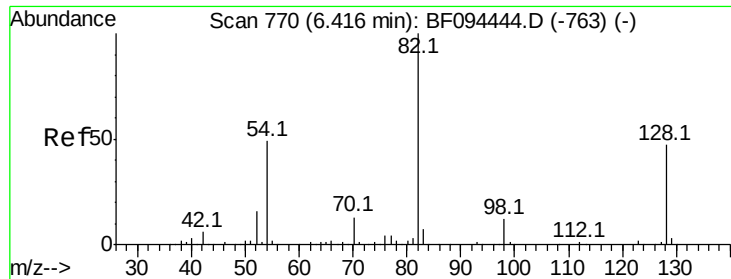
Abundance Ion 105.00 (104.70 to 105.70): E

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

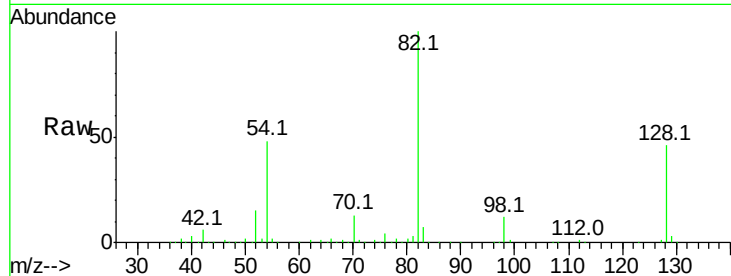




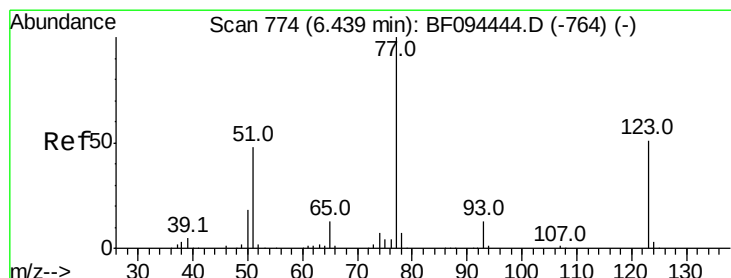
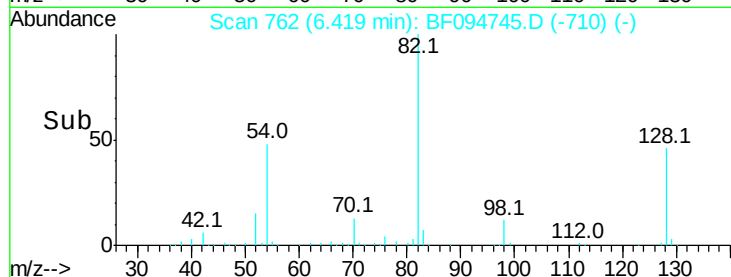
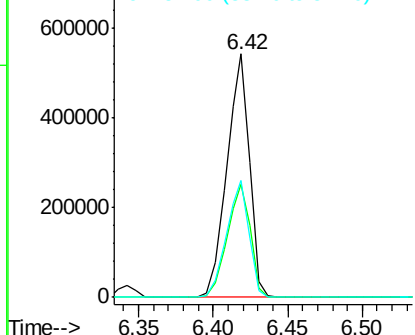
#23
 Nitrobenzene-d5
 Concen: 78.43 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 577769
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.0 51.0
 54 48.2 42.2 63.2

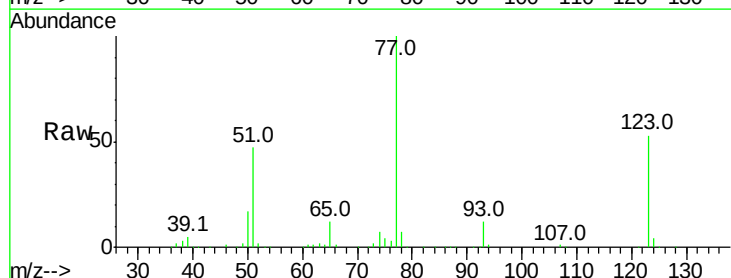


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

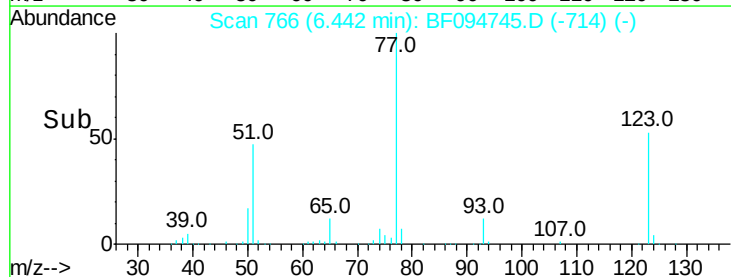
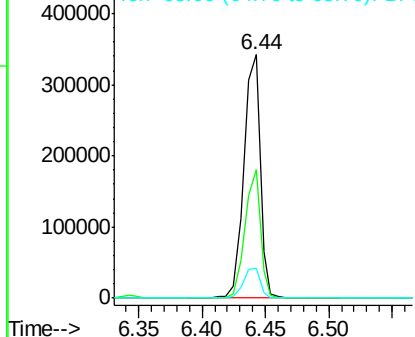


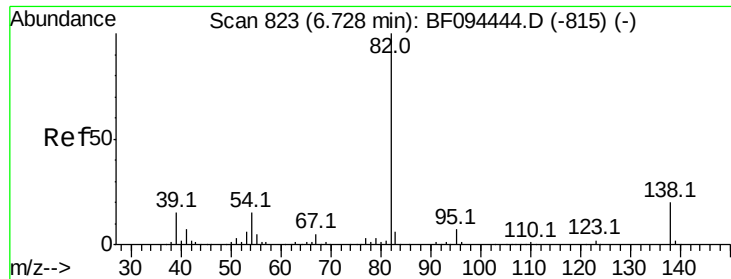
#24
 Nitrobenzene
 Concen: 39.00 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Tgt Ion: 77 Resp: 302542
 Ion Ratio Lower Upper
 77 100
 123 52.8 35.8 53.8
 65 12.3 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0

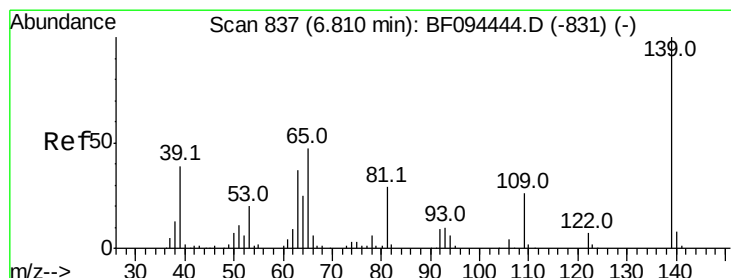
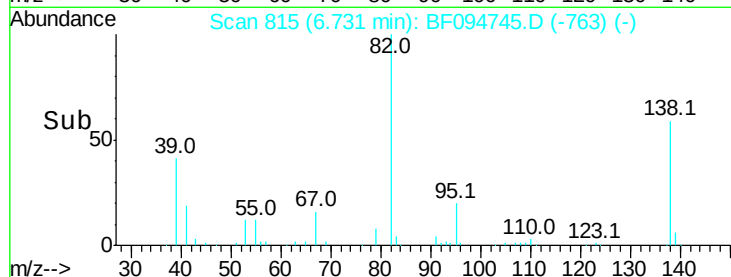
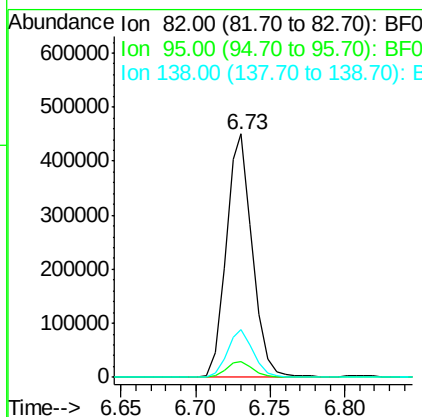
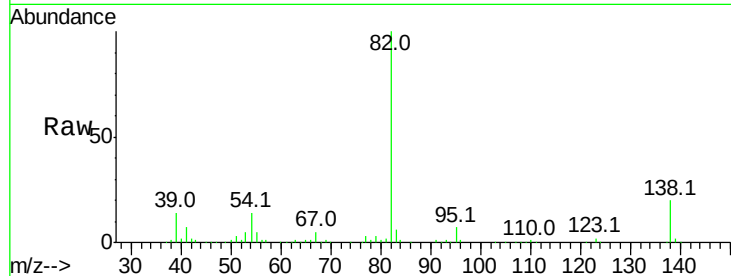




#25
Isophorone
Concen: 40.48 ng
RT: 6.73 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

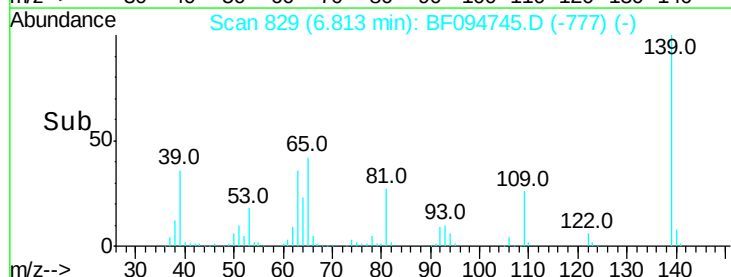
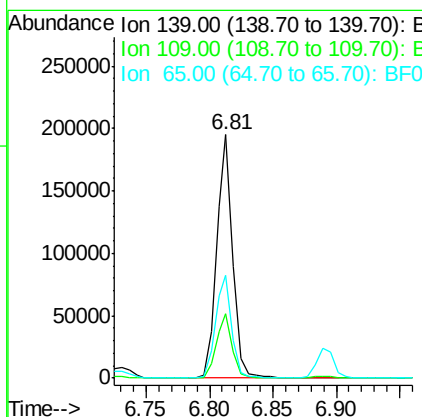
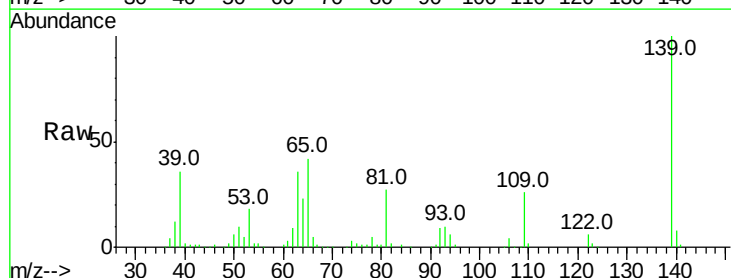
Instrument :
BNA_F
ClientSampleId :

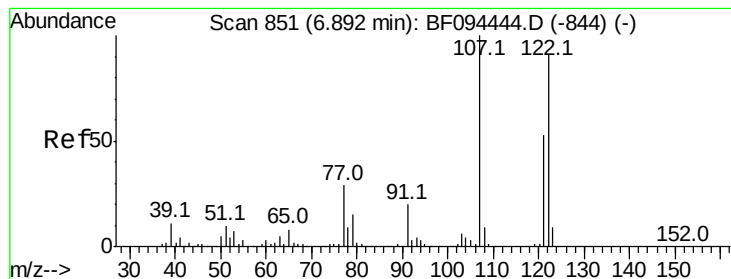
Tot Ion: 82 Resp: 552784
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 19.8 13.1 19.7#



#26
2-Nitrophenol
Concen: 41.36 ng
RT: 6.81 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

Tgt Ion: 139 Resp: 172352
Ion Ratio Lower Upper
139 100
109 26.4 21.0 31.6
65 42.3 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 39.67 ng

RT: 6.89 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Instrument :

BNA_F

ClientSampleId :

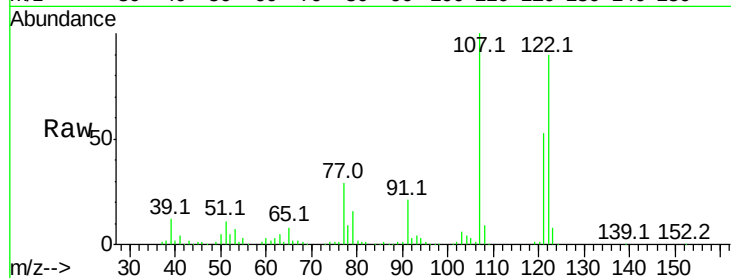
Tot Ion:122 Resp: 268515

Ion Ratio Lower Upper

122 100

107 111.2 89.2 133.8

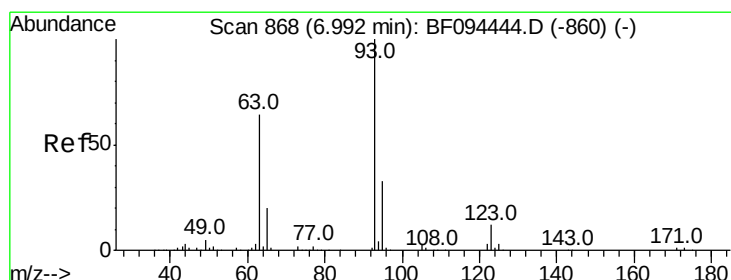
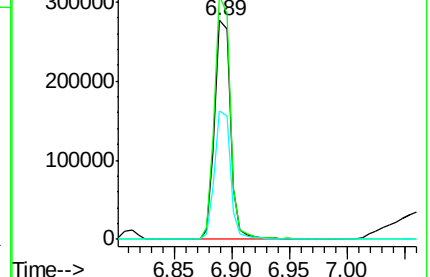
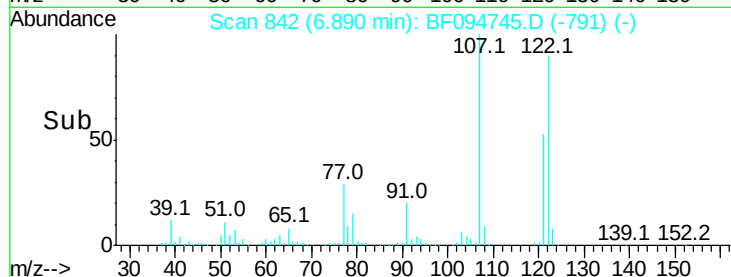
121 58.9 45.2 67.8



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: 38.53 ng

RT: 6.98 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

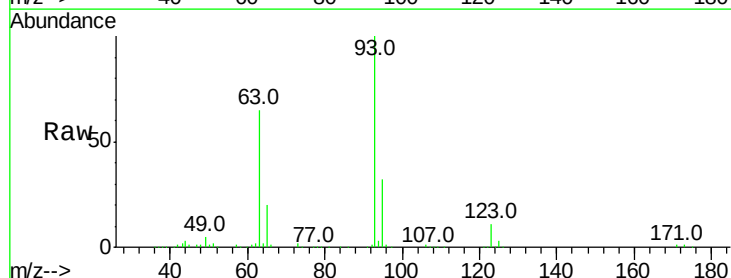
Tgt Ion: 93 Resp: 340357

Ion Ratio Lower Upper

93 100

95 31.8 26.5 39.7

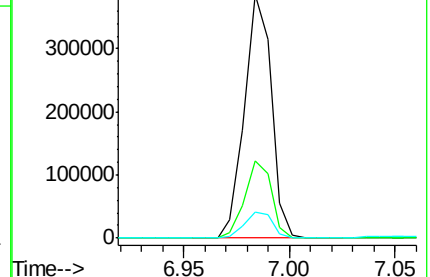
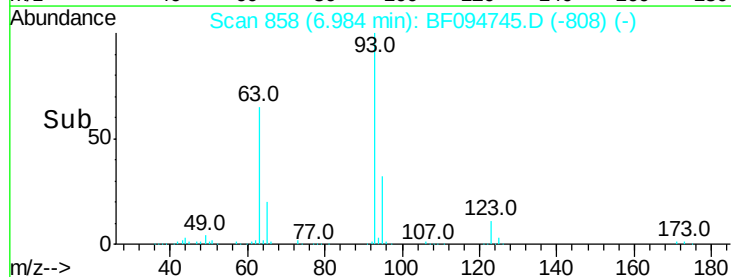
123 10.7 9.0 13.4

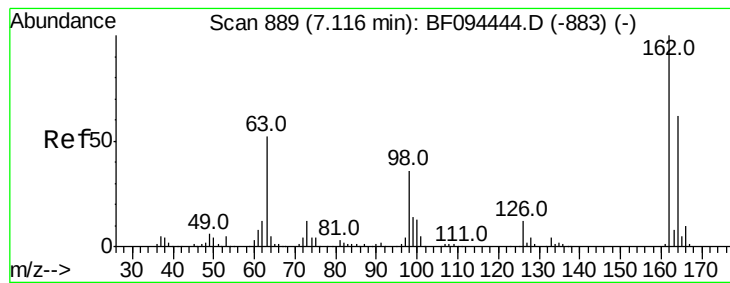


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.56 ng

RT: 7.12 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Instrument :

BNA_F

ClientSampleId :

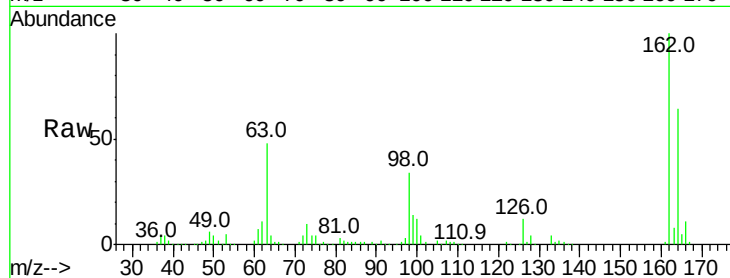
Tot Ion:162 Resp: 255433

Ion Ratio Lower Upper

162 100

164 64.1 44.6 84.6

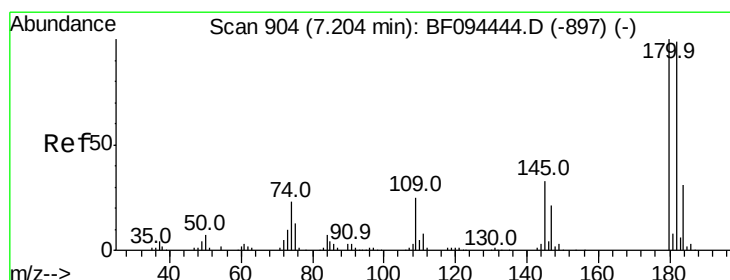
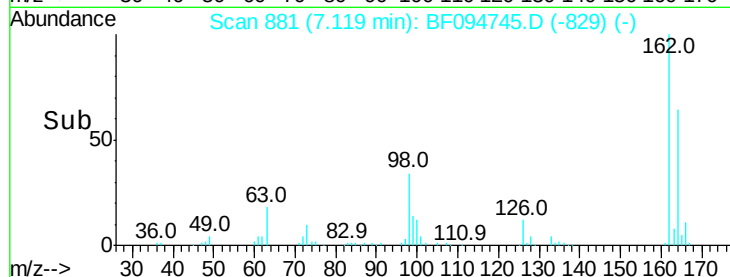
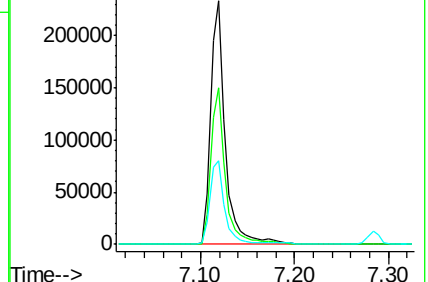
98 34.2 14.8 54.8



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: 40.53 ng

RT: 7.20 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

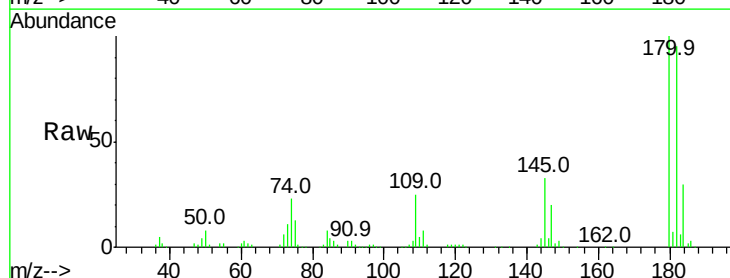
Tgt Ion:180 Resp: 263899

Ion Ratio Lower Upper

180 100

182 95.1 75.8 113.6

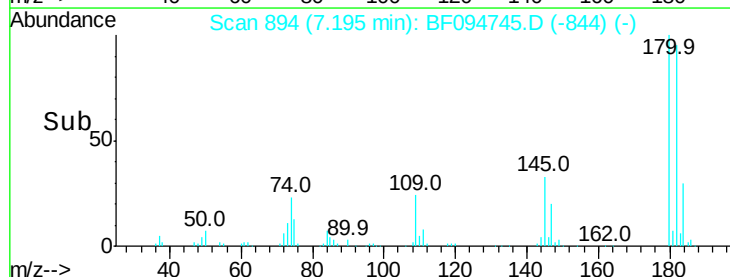
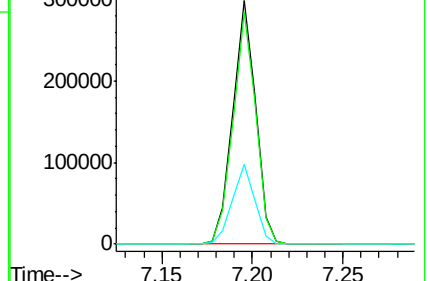
145 32.7 25.3 37.9

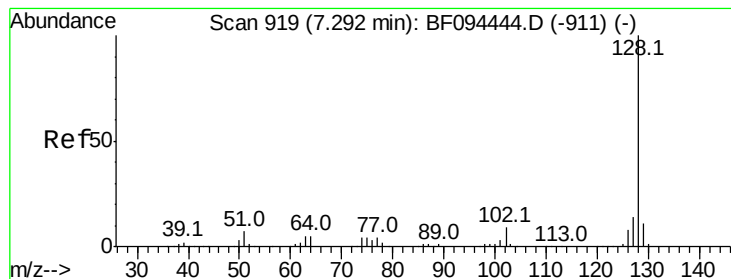


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.04 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Instrument :

BNA_F

ClientSampleId :

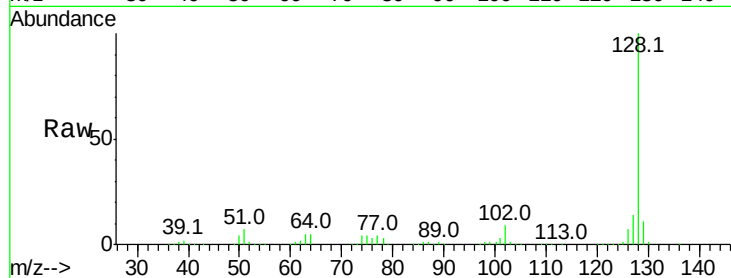
Tot Ion:128 Resp: 875584

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

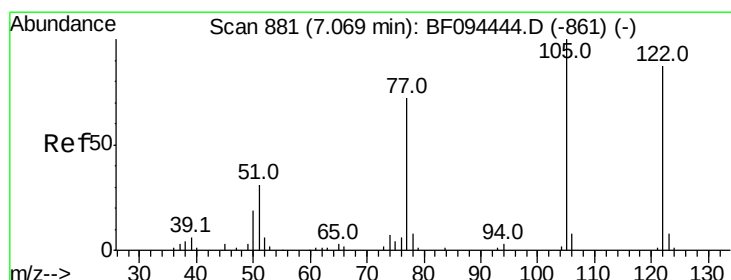
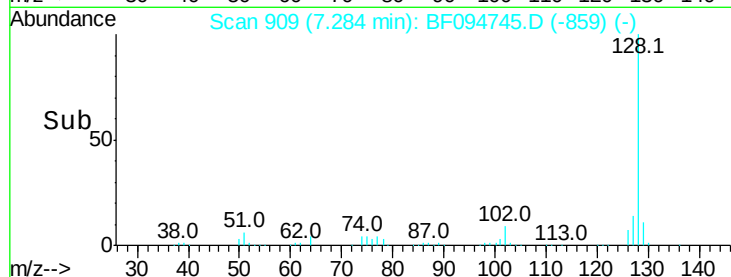
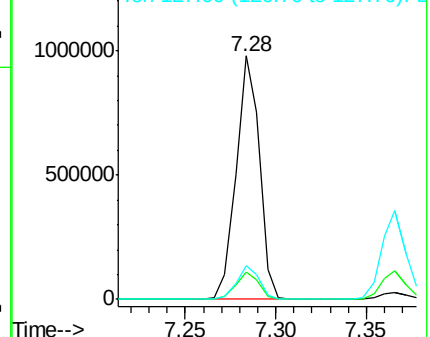
127 13.7 10.8 16.2



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: 50.91 ng

RT: 7.10 min Scan# 877

Delta R.T. 0.03 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

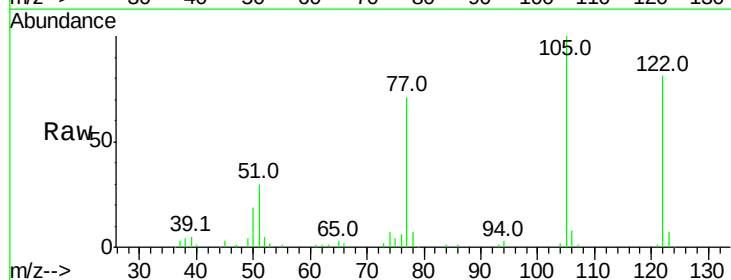
Tgt Ion:122 Resp: 182237

Ion Ratio Lower Upper

122 100

105 123.1 103.3 143.3

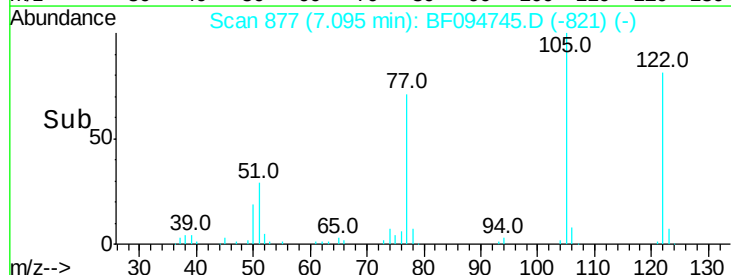
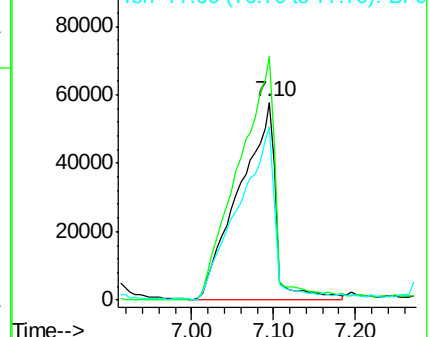
77 87.5 73.7 113.7

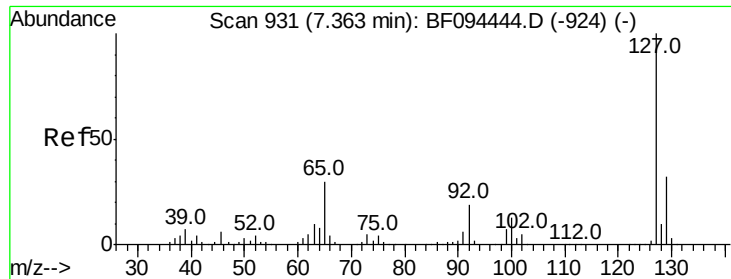


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

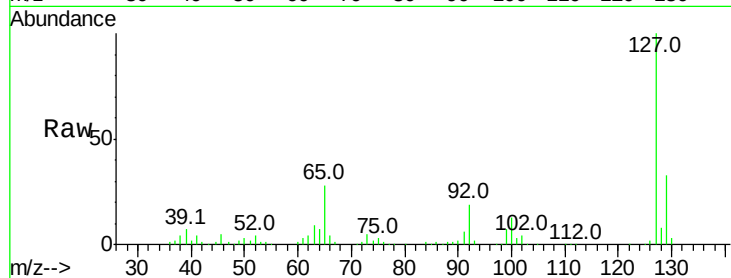




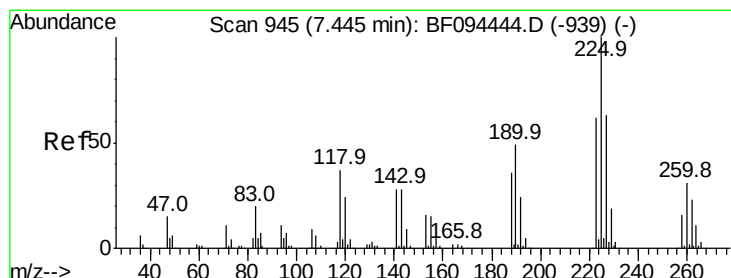
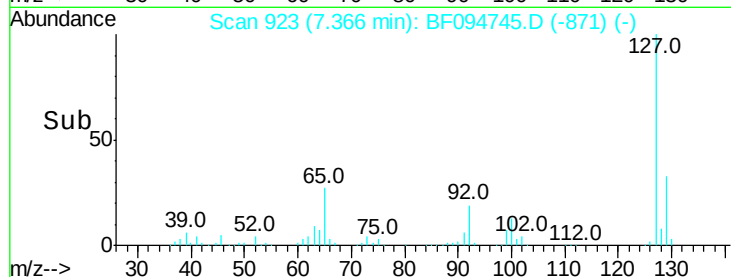
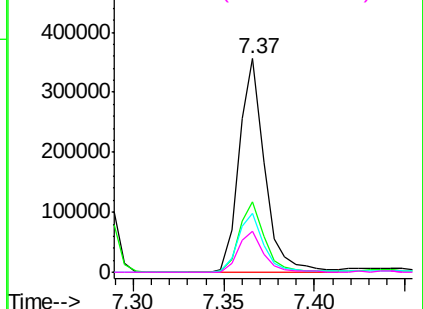
#33
4-Chloroaniline
Concen: 38.58 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	350982
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	27.5	27.8	41.8#
92	19.0	16.8	25.2

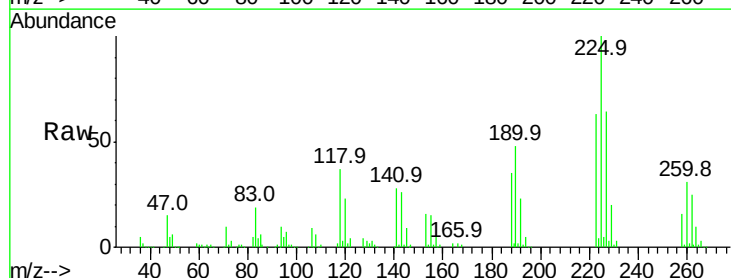


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

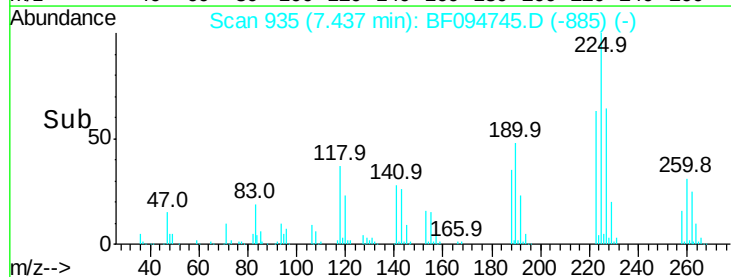
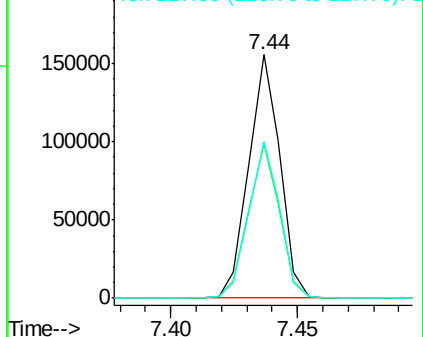


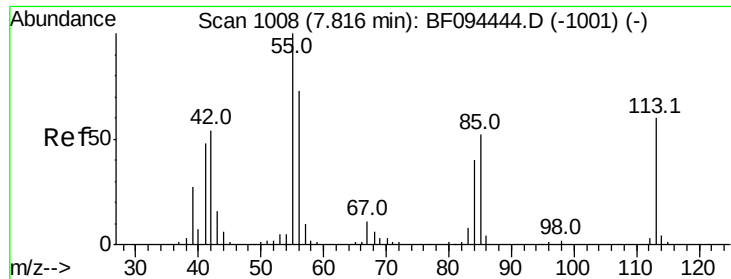
#34
Hexachlorobutadiene
Concen: 40.92 ng
RT: 7.44 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

Tgt Ion:	225	Resp:	132842
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	64.3	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

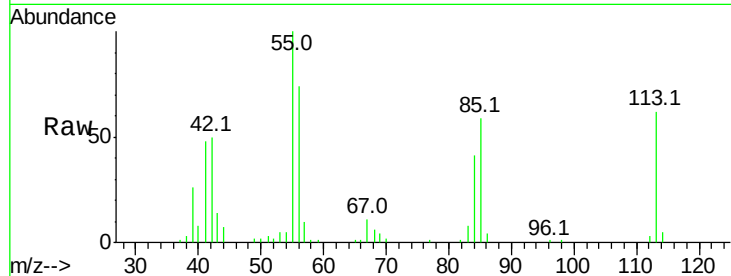




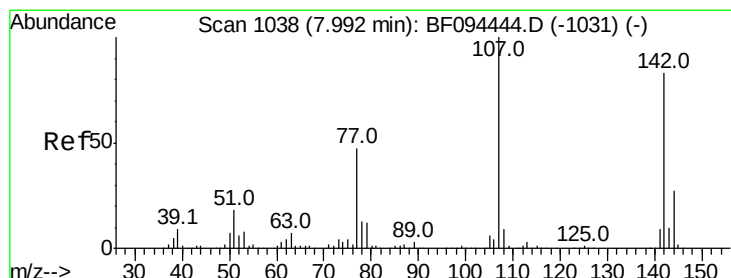
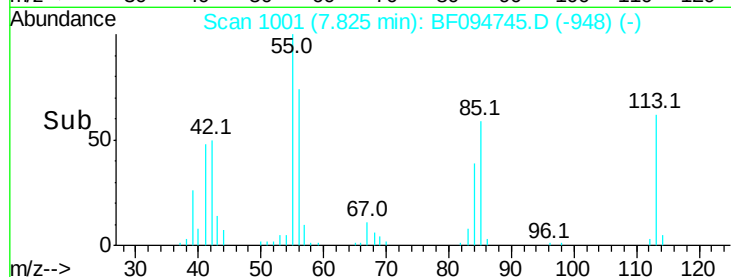
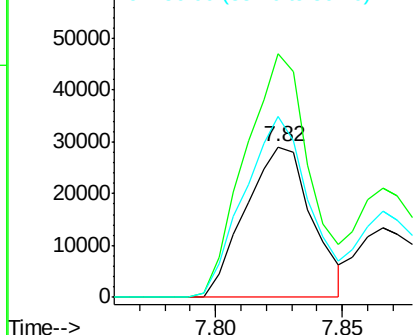
#35
 Caprolactam
 Concen: 26.89 ng
 RT: 7.82 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 53207
 Ion Ratio Lower Upper
 113 100
 55 161.7 150.2 190.2
 56 120.1 107.8 147.8

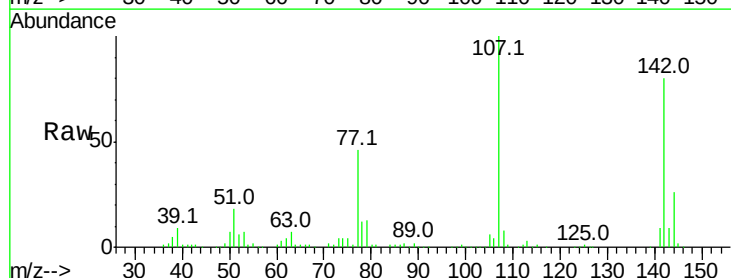


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

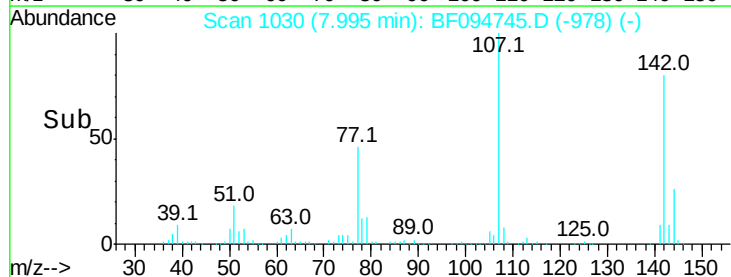
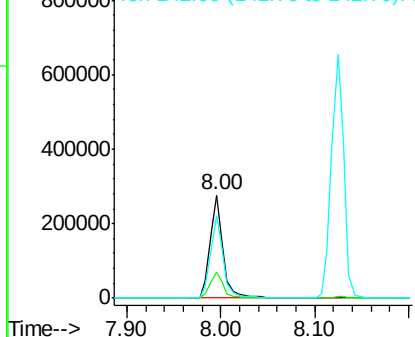


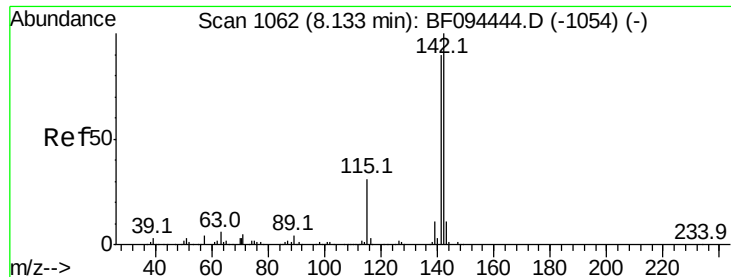
#36
 4-Chloro-3-methylphenol
 Concen: 41.18 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Tgt Ion:107 Resp: 271775
 Ion Ratio Lower Upper
 107 100
 144 25.5 24.2 36.4
 142 79.8 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

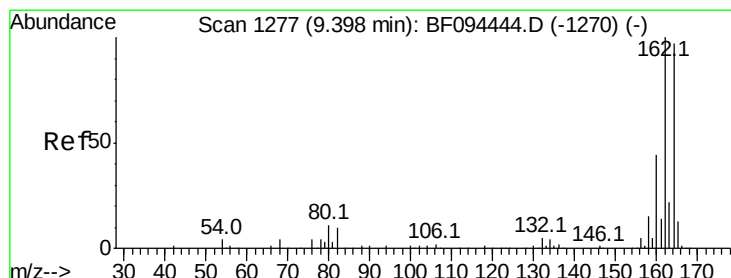
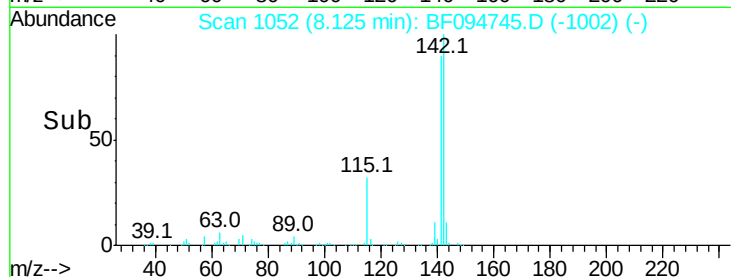
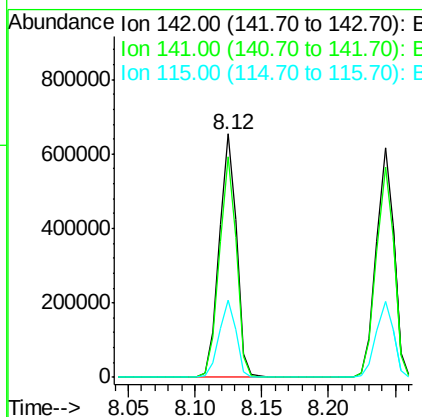
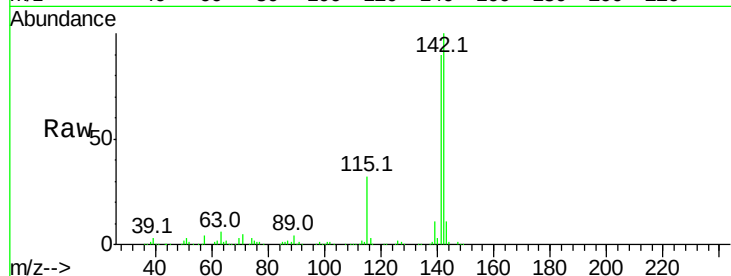




#37
 2-Methylnaphthalene
 Concen: 40.18 ng
 RT: 8.12 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

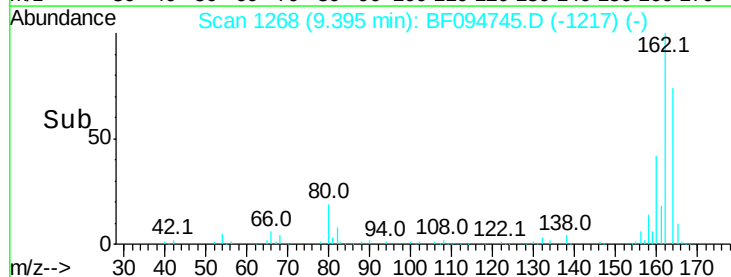
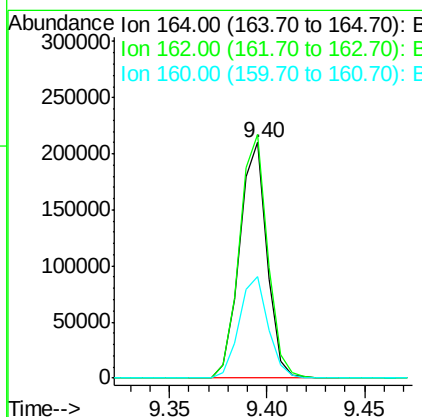
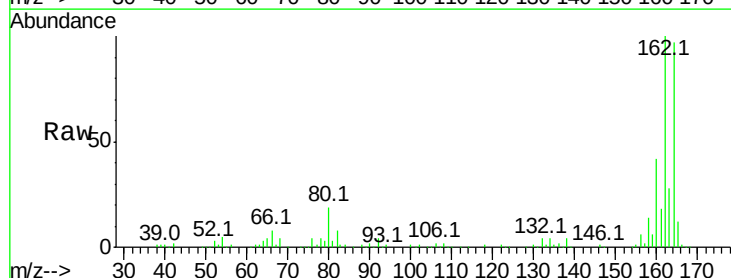
Instrument :
 BNA_F
 ClientSampleId :

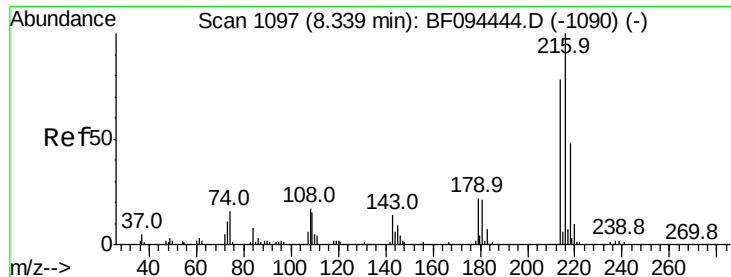
Tot Ion:142 Resp: 601114
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.3 106.9
 115 31.6 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Tgt Ion:164 Resp: 205055
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 123.8
 160 43.3 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.41 ng

RT: 8.33 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 247659

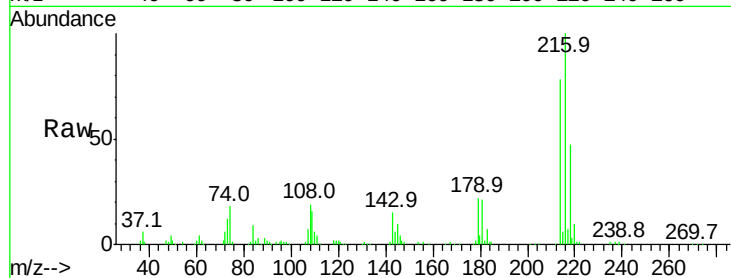
Ion Ratio Lower Upper

216 100

214 77.5 63.4 95.2

179 21.8 17.9 26.9

108 19.2 16.5 24.7

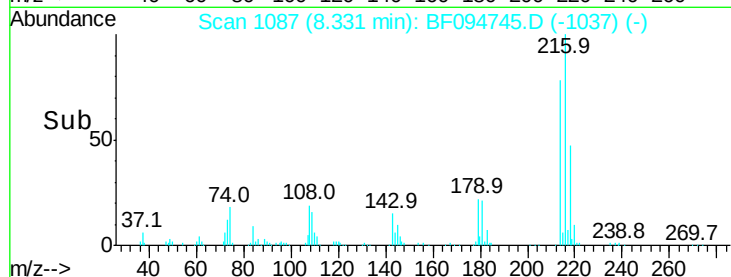


Abundance Ion 216.00 (215.70 to 216.70): E

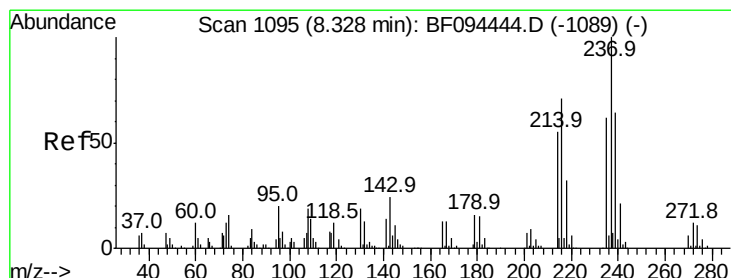
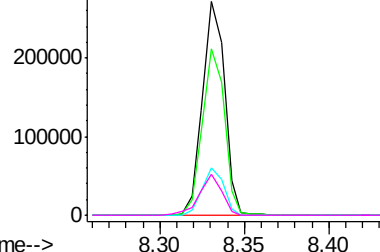
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 40.77 ng

RT: 8.31 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

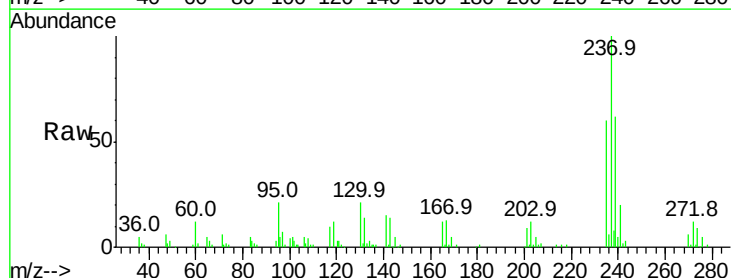
Tgt Ion:237 Resp: 96304

Ion Ratio Lower Upper

237 100

235 60.1 42.6 82.6

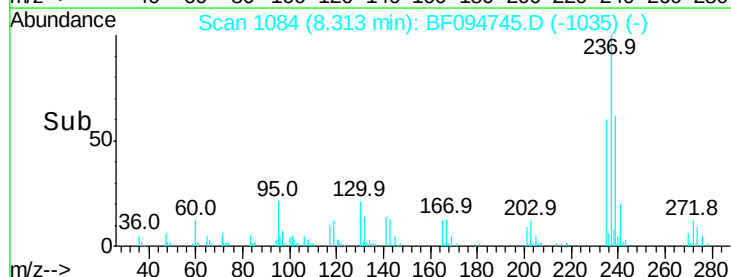
272 12.0 0.0 31.9



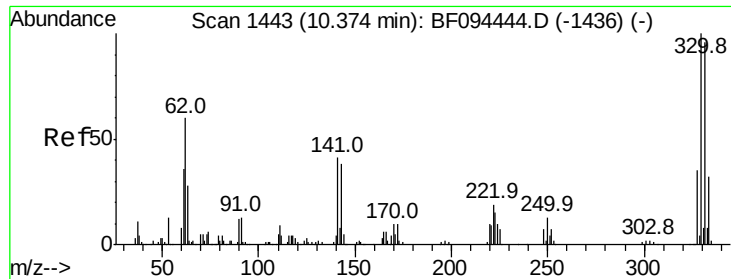
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 87.96 ng

RT: 10.37 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Instrument :

BNA_F

ClientSampleId :

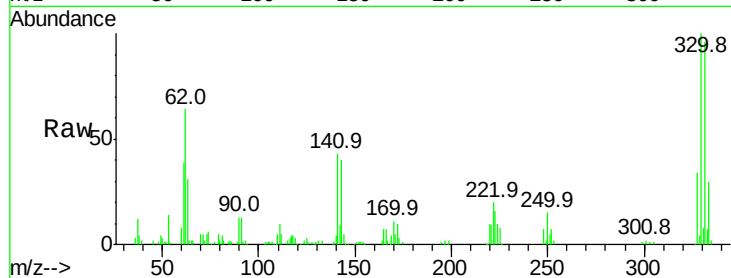
Tot Ion:330 Resp: 141087

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

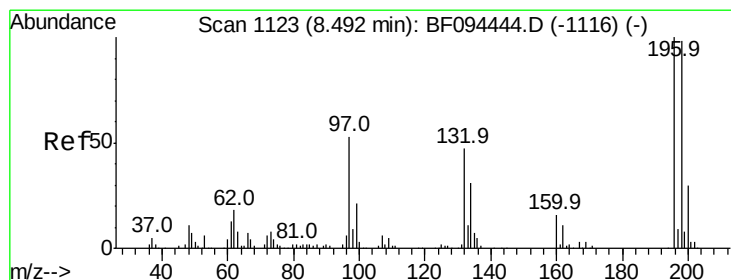
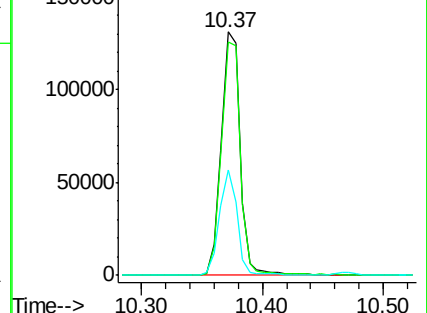
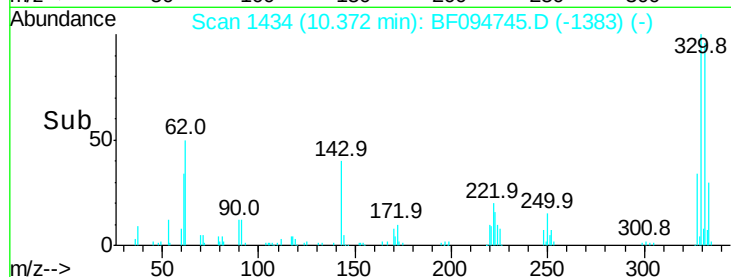
141 40.5 31.4 47.2



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: 41.57 ng

RT: 8.49 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

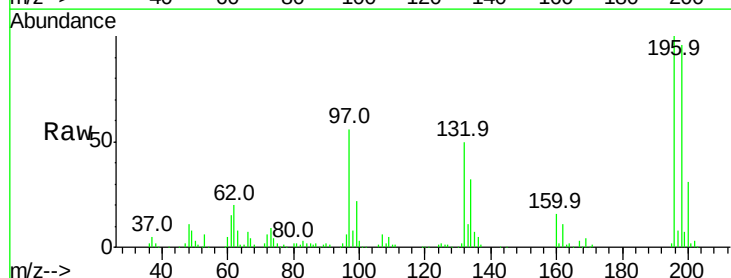
Tgt Ion:196 Resp: 170445

Ion Ratio Lower Upper

196 100

198 95.9 74.2 111.4

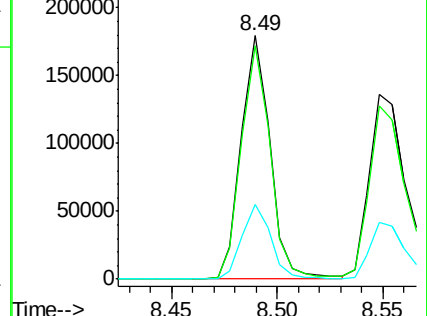
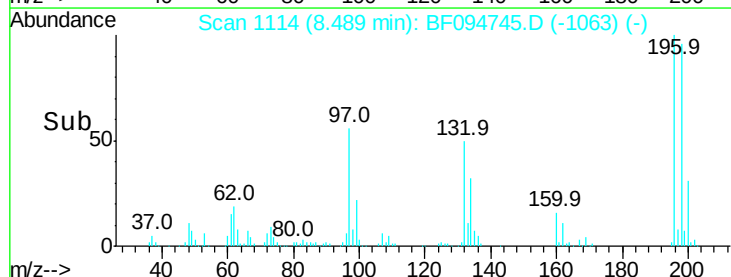
200 30.8 24.0 36.0

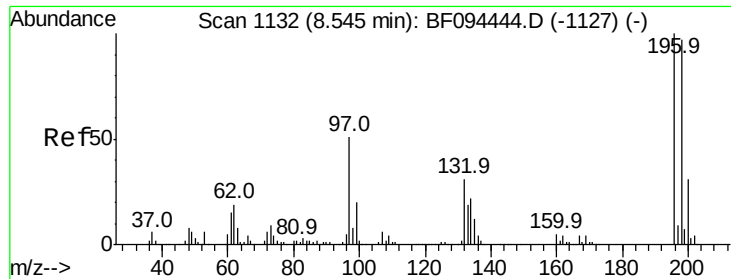


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

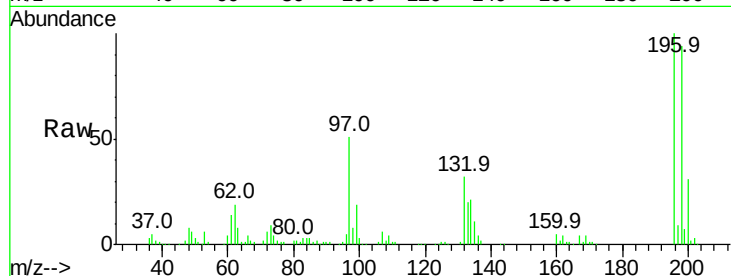




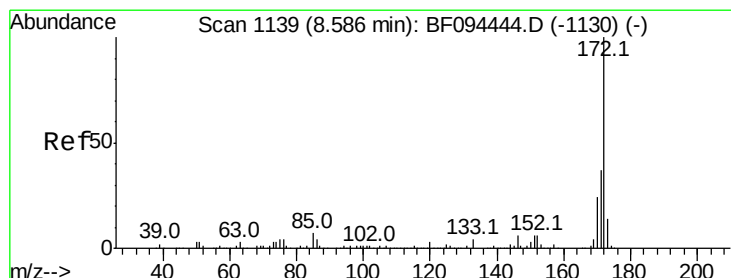
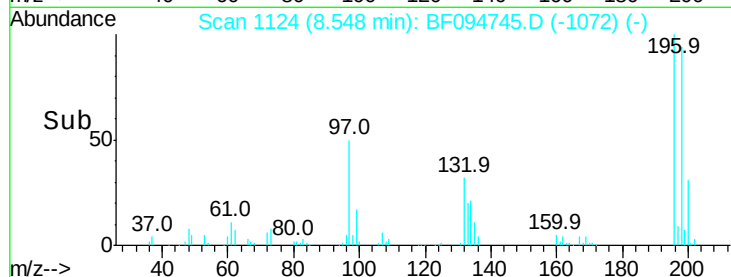
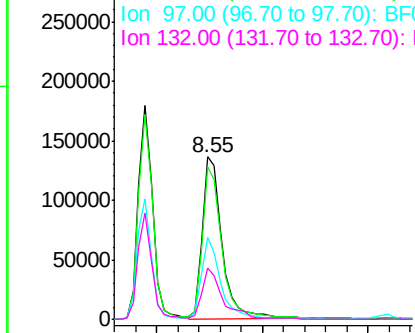
#43
 2,4,5-Trichlorophenol
 Concen: 41.92 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 176532
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.7 113.5
 97 50.8 47.7 71.5
 132 31.5 28.0 42.0

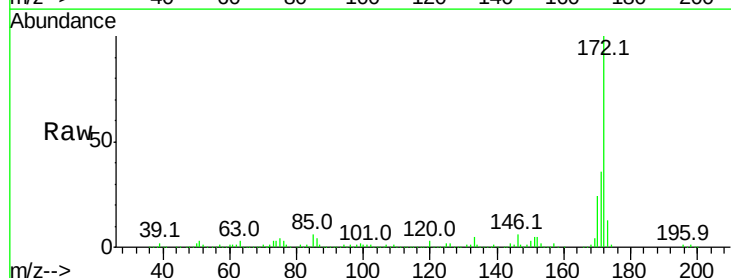


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

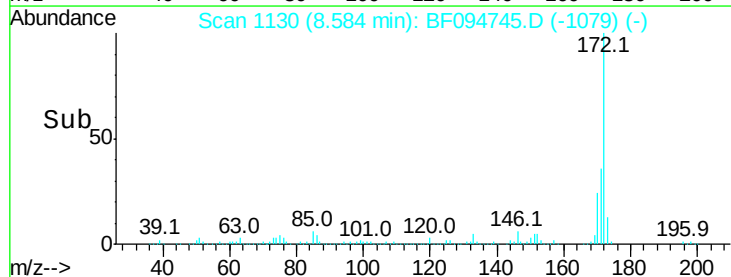
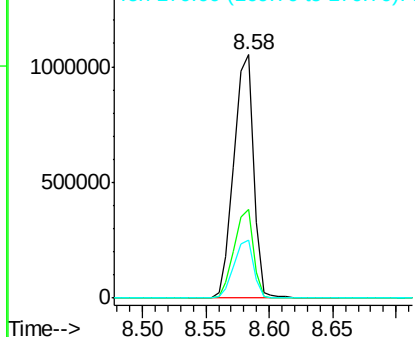


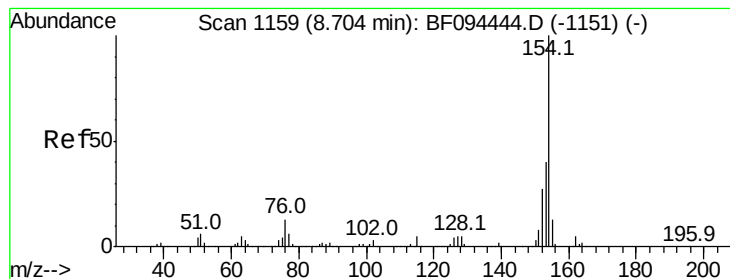
#44
 2-Fluorobiphenyl
 Concen: 80.84 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Tgt Ion:172 Resp: 1126615
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.9 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: 41.70 ng

RT: 8.70 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Instrument :

BNA_F

ClientSampleId :

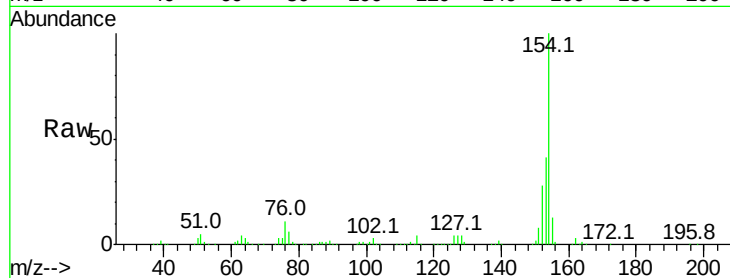
Tot Ion:154 Resp: 698681

Ion Ratio Lower Upper

154 100

153 40.9 21.2 61.2

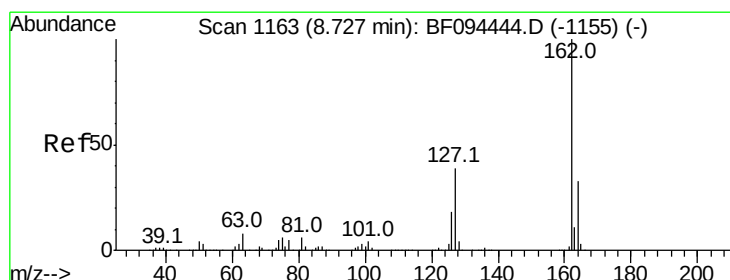
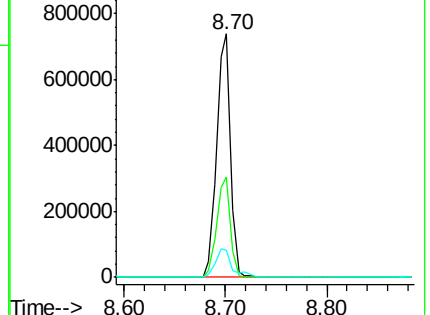
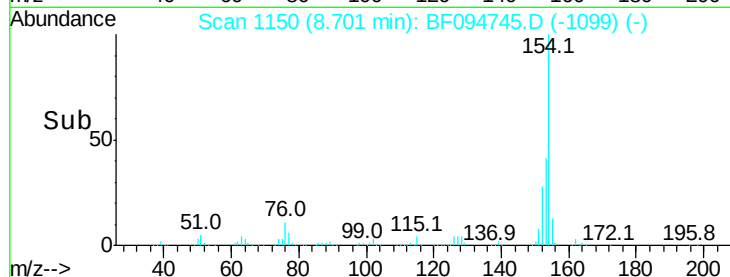
76 11.3 0.0 29.9



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: 41.39 ng

RT: 8.72 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

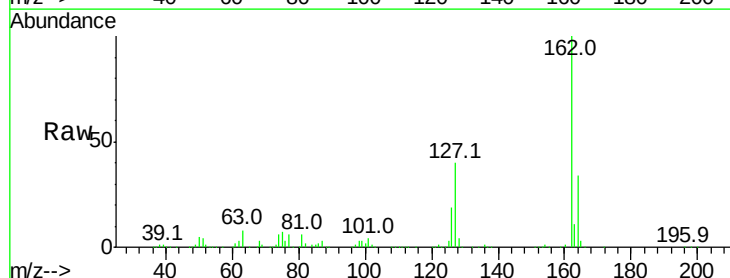
Tgt Ion:162 Resp: 551409

Ion Ratio Lower Upper

162 100

127 40.4 28.3 42.5

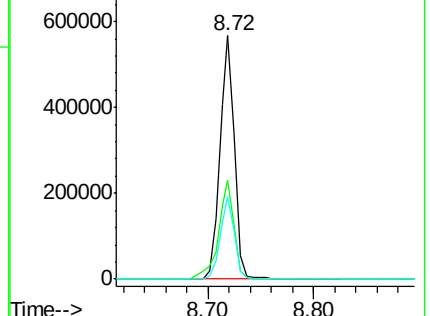
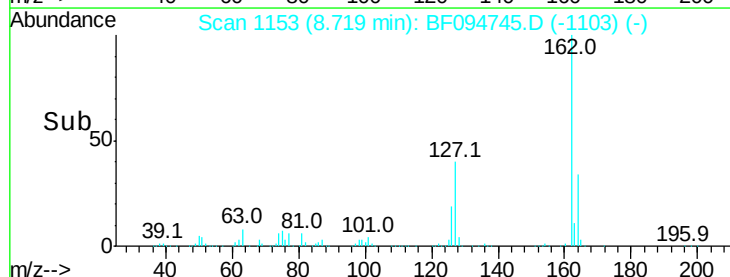
164 33.6 27.0 40.4

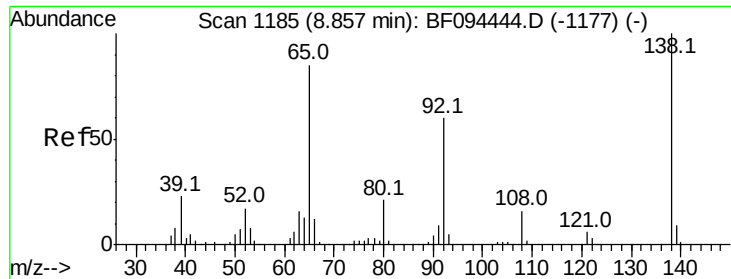


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

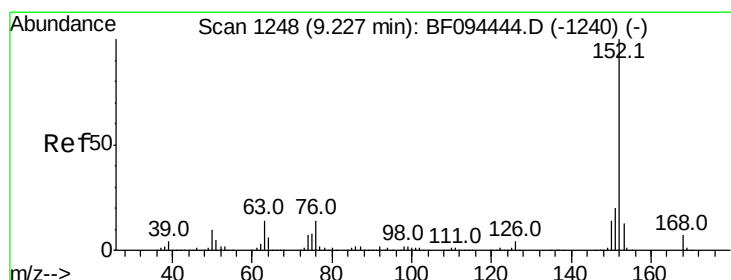
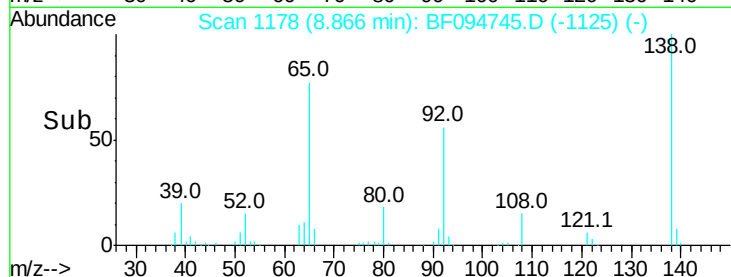
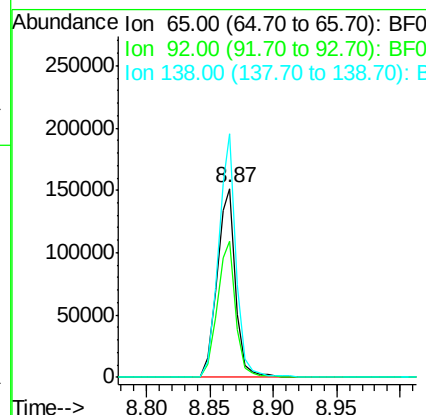
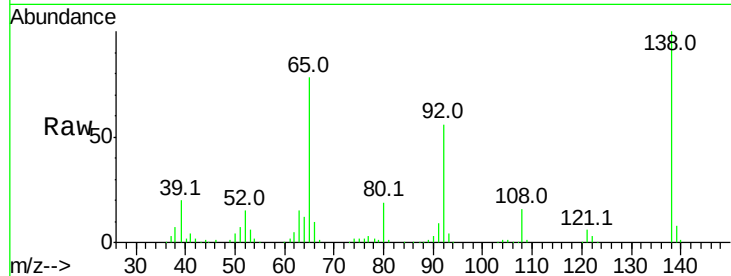




#47
 2-Nitroaniline
 Concen: 40.86 ng
 RT: 8.87 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

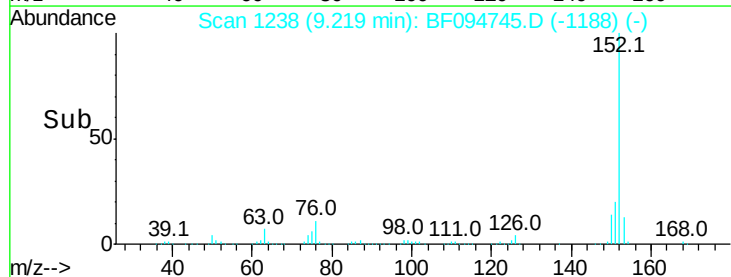
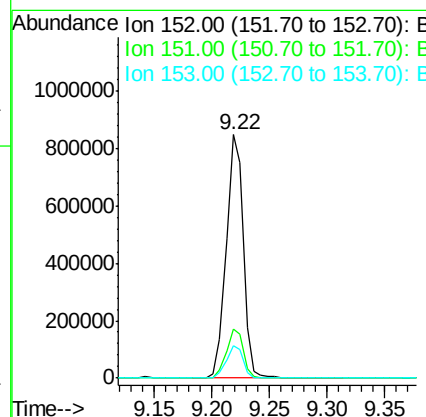
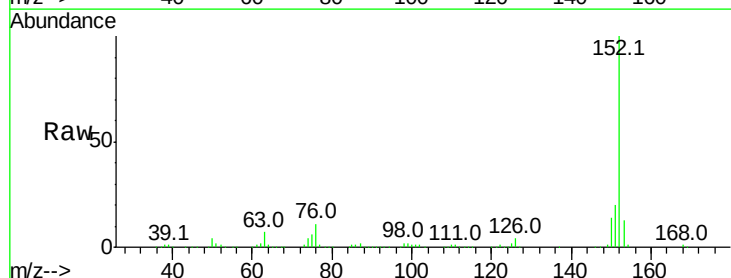
Instrument :
 BNA_F
 ClientSampleId :

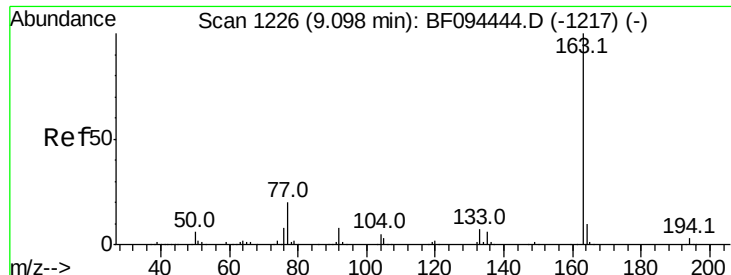
Tot Ion: 65 Resp: 156587
 Ion Ratio Lower Upper
 65 100
 92 72.4 53.9 80.9
 138 129.0 78.8 118.2#



#48
 Acenaphthylene
 Concen: 41.82 ng
 RT: 9.22 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Tgt Ion:152 Resp: 868544
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 13.2 10.8 16.2

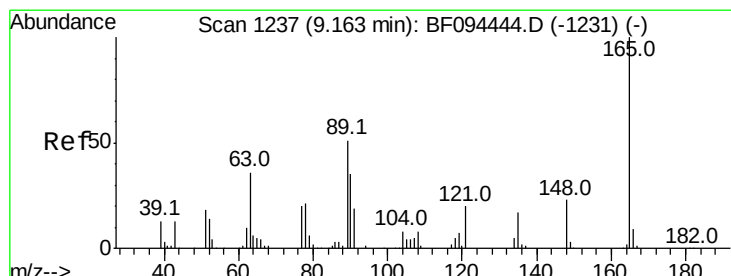
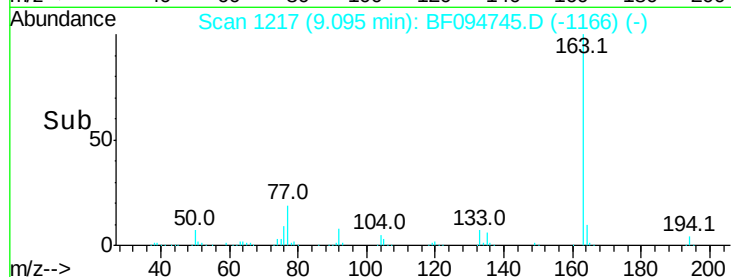
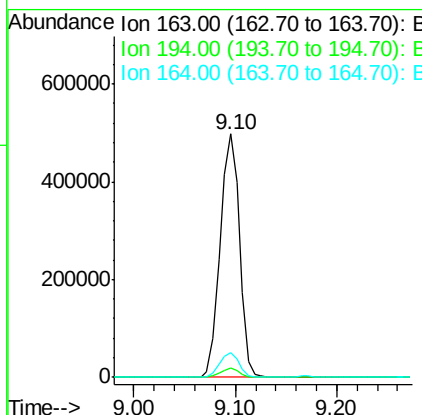
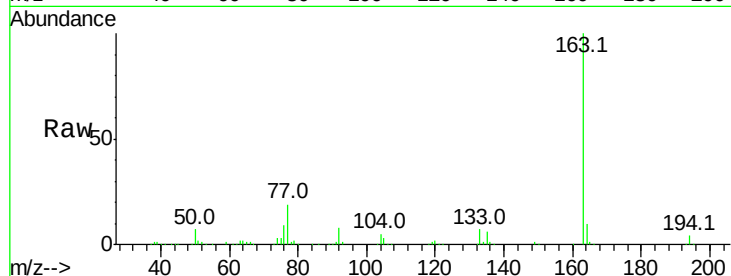




#49
Dimethylphthalate
Concen: 43.22 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

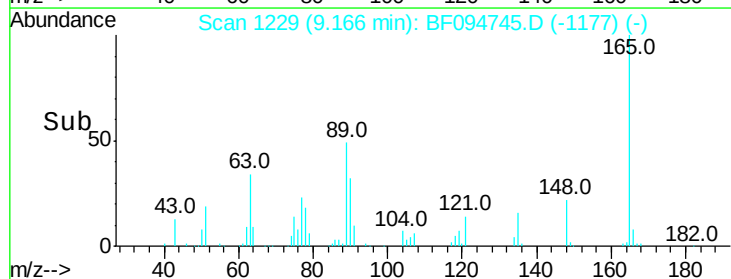
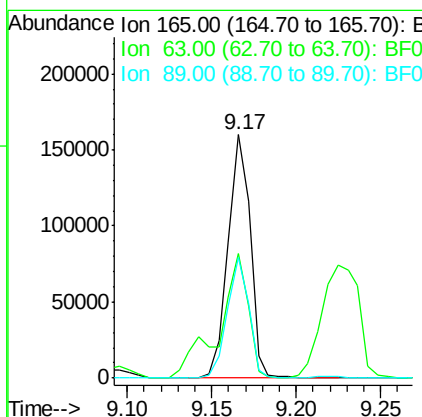
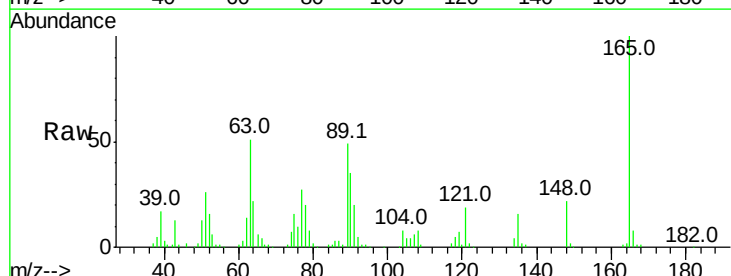
Instrument :
BNA_F
ClientSampleId :

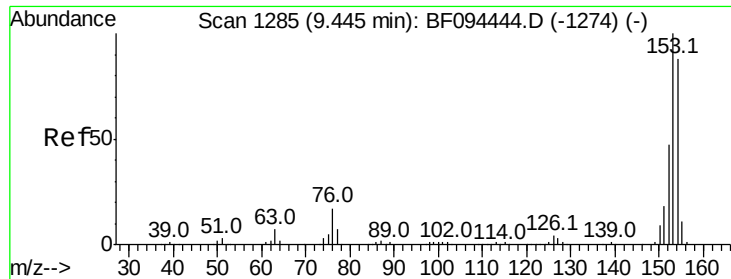
Tot Ion:163 Resp: 660510
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.1 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 42.52 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

Tgt Ion:165 Resp: 145833
Ion Ratio Lower Upper
165 100
63 51.0 34.3 51.5
89 49.4 37.1 55.7

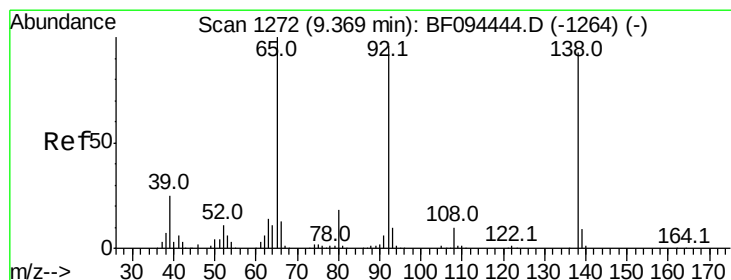
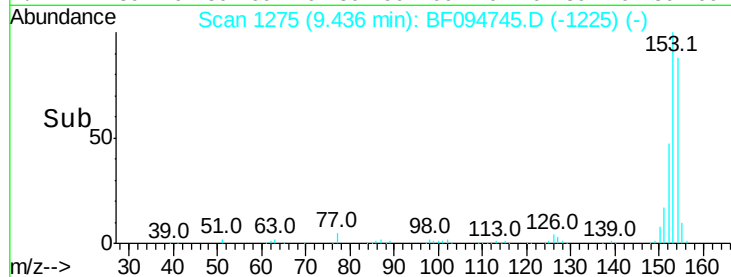
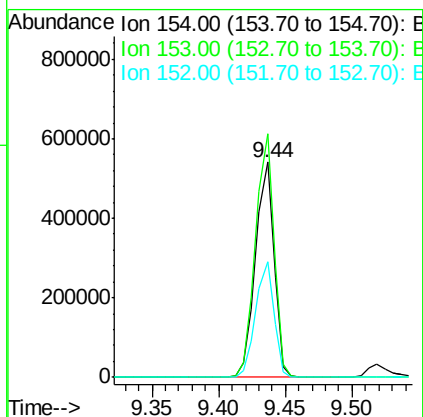
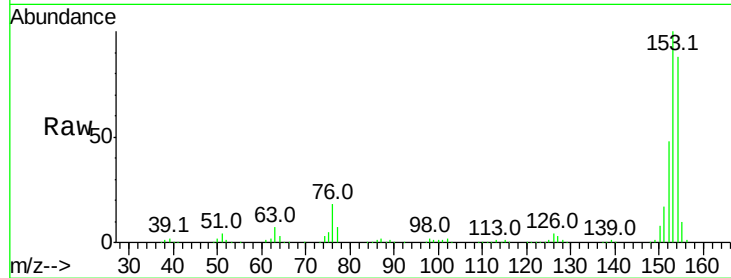




#51
Acenaphthene
Concen: 41.31 ng
RT: 9.44 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

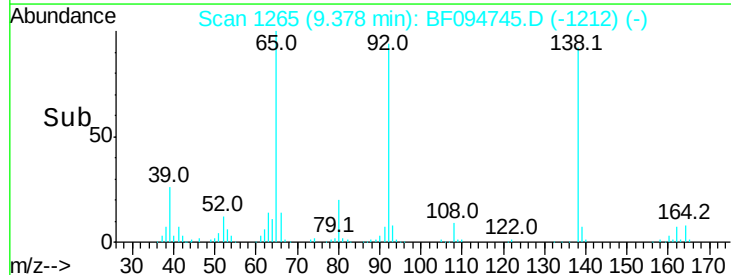
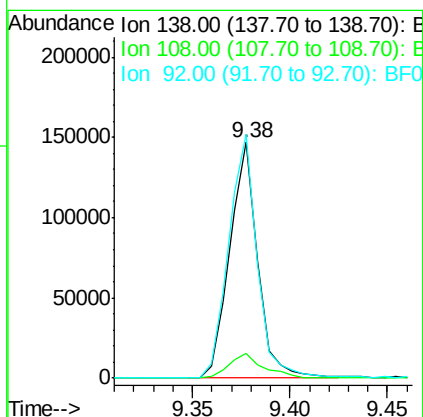
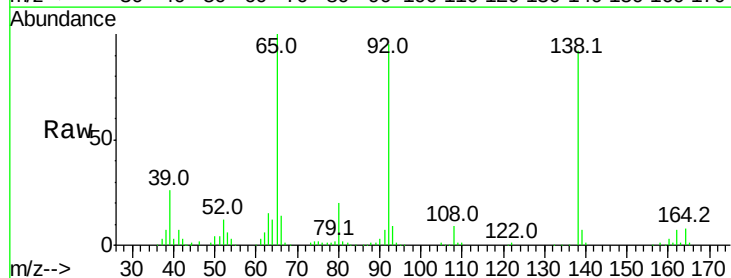
Instrument :
BNA_F
ClientSampleId :

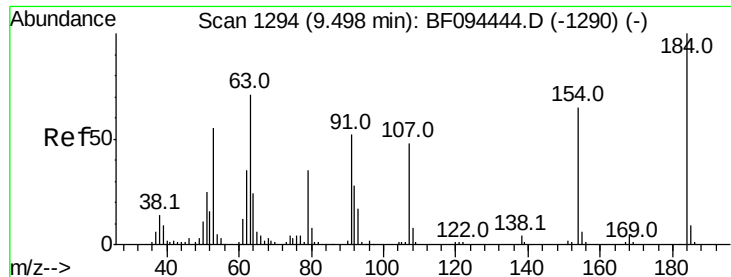
Tot Ion:154 Resp: 513830
Ion Ratio Lower Upper
154 100
153 113.3 90.5 135.7
152 54.0 43.6 65.4



#52
3-Nitroaniline
Concen: 36.85 ng
RT: 9.38 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

Tgt Ion:138 Resp: 146233
Ion Ratio Lower Upper
138 100
108 10.3 9.1 13.7
92 103.2 93.8 140.6

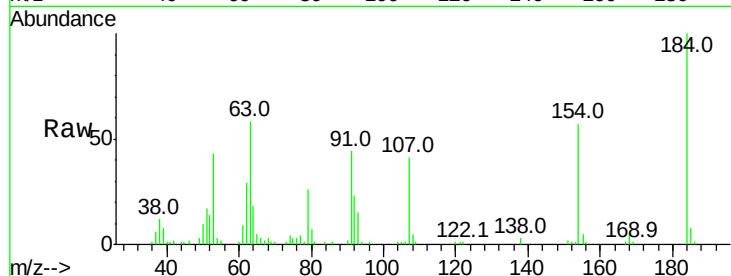




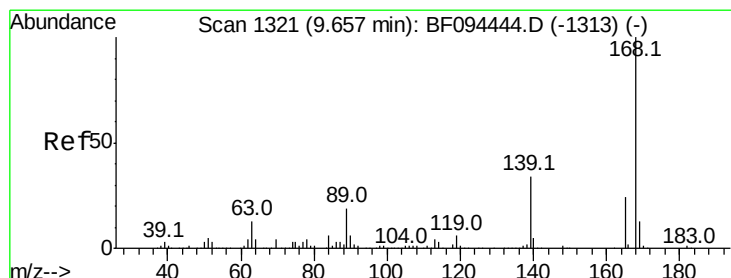
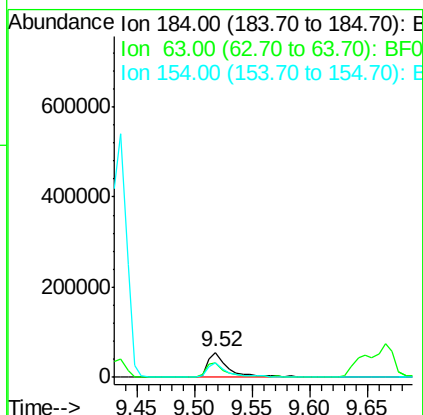
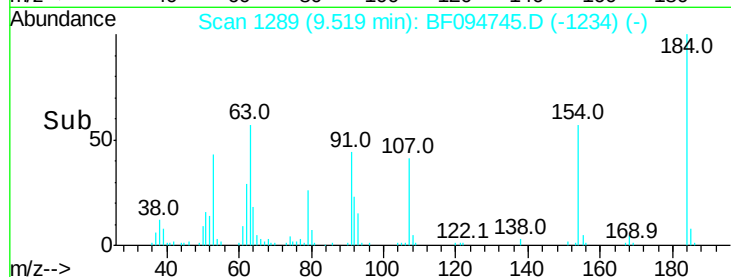
#53
 2,4-Dinitrophenol
 Concen: 42.14 ng
 RT: 9.52 min Scan# 1289
 Delta R.T. 0.02 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:184 Resp: 72957
 Ion Ratio Lower Upper
 184 100
 63 58.3 62.7 94.1#
 154 57.1 81.1 121.7#

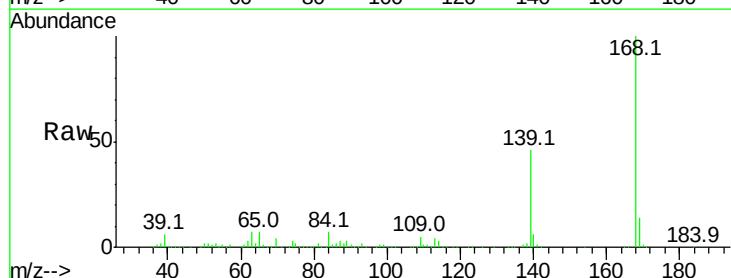


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

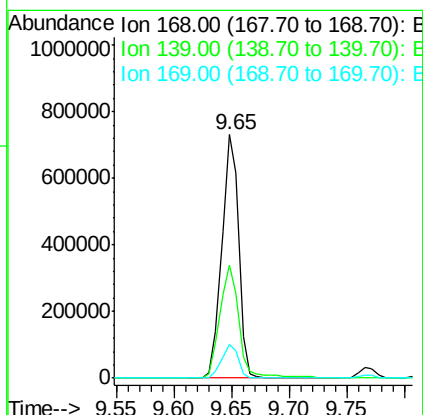
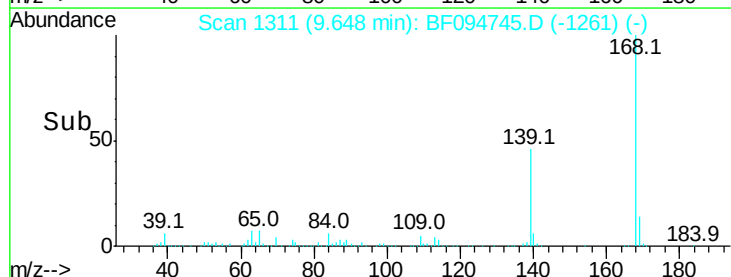


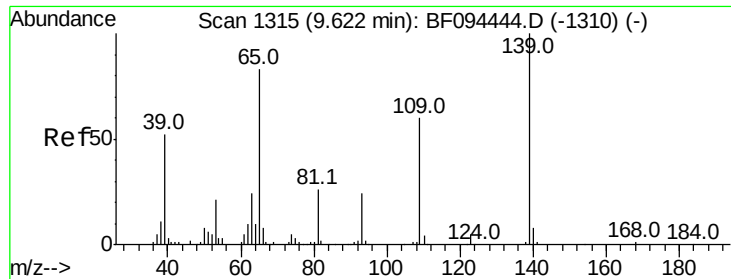
#54
 Dibenzofuran
 Concen: 40.92 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Tgt Ion:168 Resp: 739795
 Ion Ratio Lower Upper
 168 100
 139 46.4 30.6 45.8#
 169 13.7 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

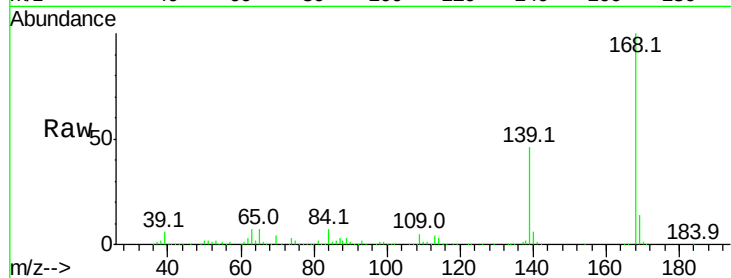




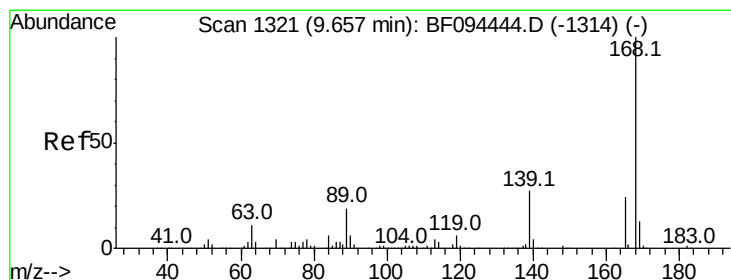
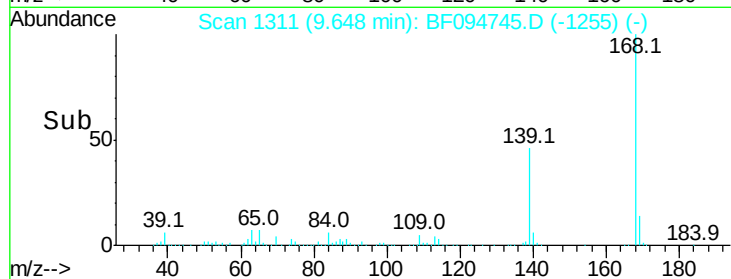
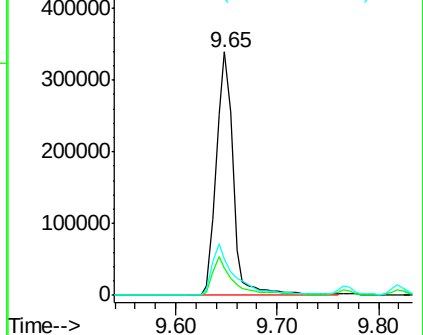
#55
4-Nitrophenol
Concen: 142.36 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.03 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 399136
Ion Ratio Lower Upper
139 100
109 11.1 34.1 74.1#
65 15.0 31.4 71.4#

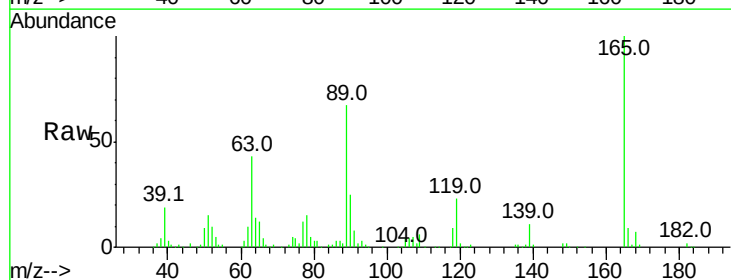


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

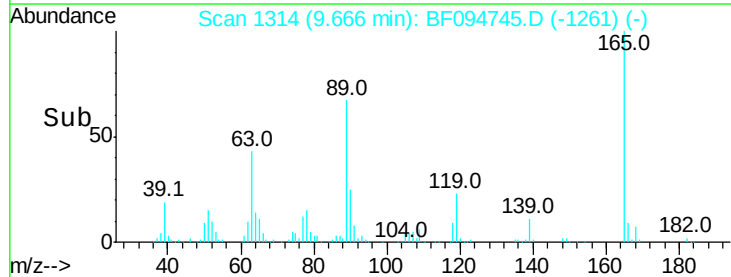
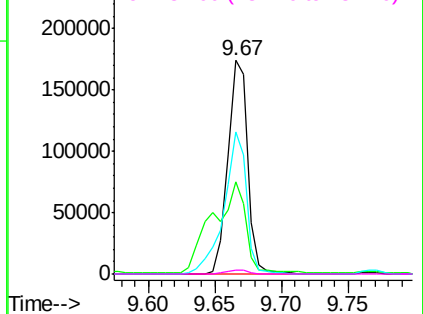


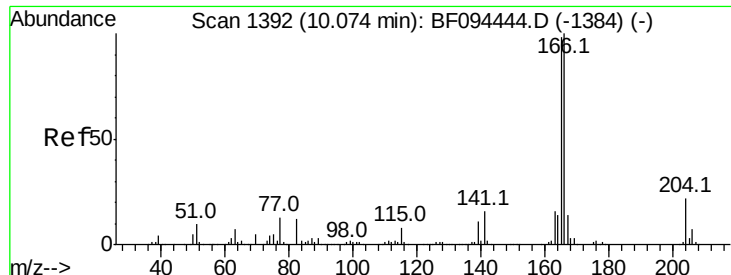
#56
2,4-Dinitrotoluene
Concen: 43.68 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

Tgt Ion:165 Resp: 183822
Ion Ratio Lower Upper
165 100
63 43.0 25.4 38.0#
89 66.5 46.4 69.6
182 2.1 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

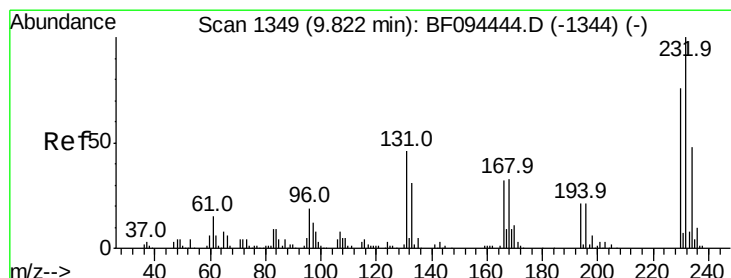
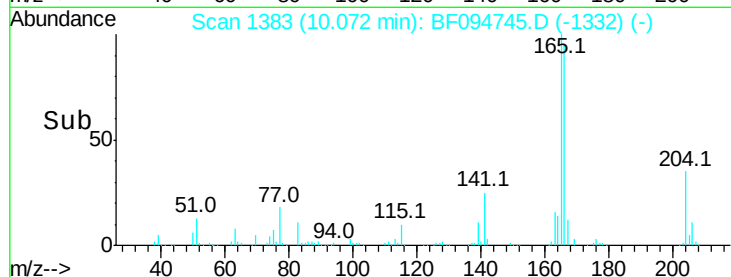
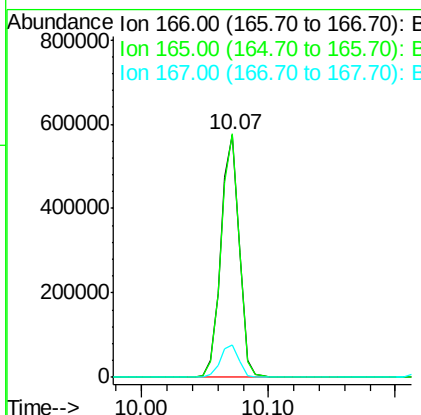
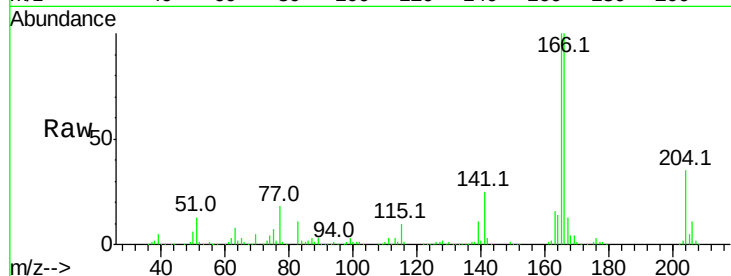




#57
Fluorene
 Concen: 41.12 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

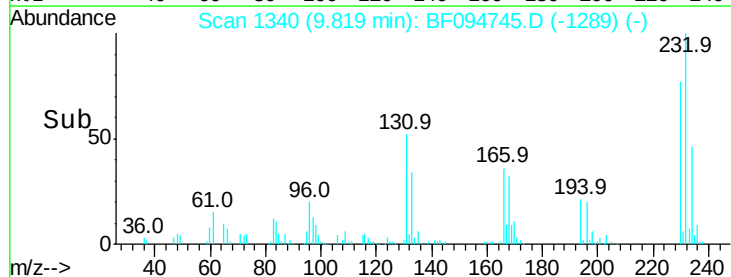
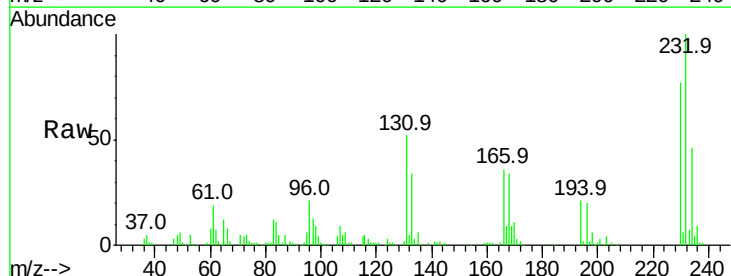
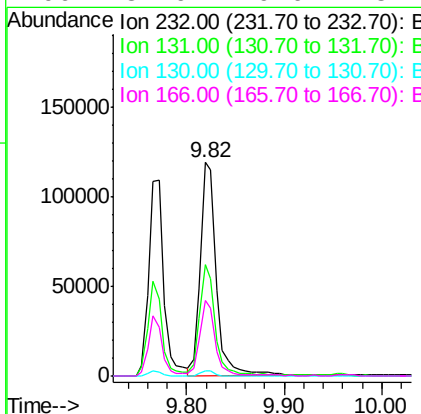
Instrument :
 BNA_F
 ClientSampleId :

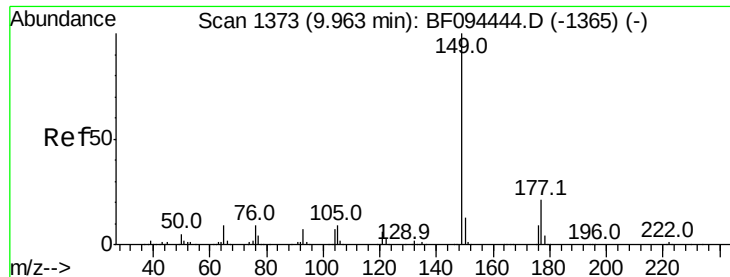
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.8	118.2
167	13.1	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.88 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.1	44.8	67.2
130	2.3	2.3	3.5
166	34.9	29.0	43.4

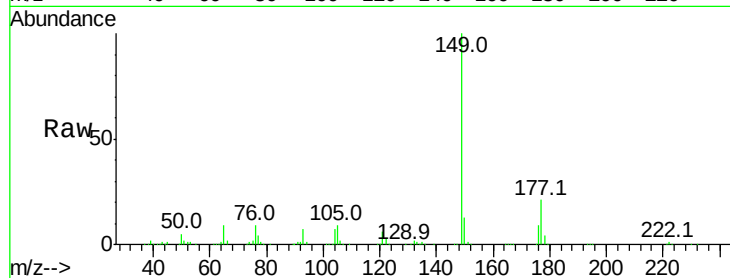




#59
Diethylphthalate
Concen: 42.61 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

Instrument :
BNA_F
ClientSampleId :

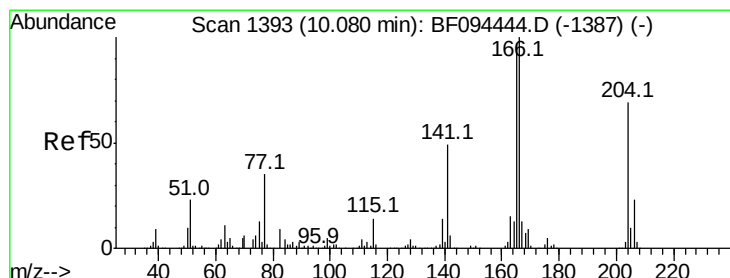
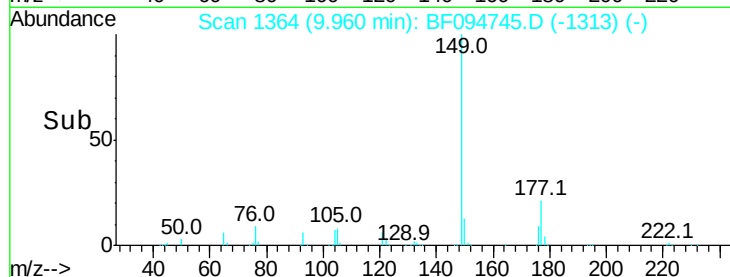
Tot Ion:149 Resp: 614419
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.6 10.2 15.2



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

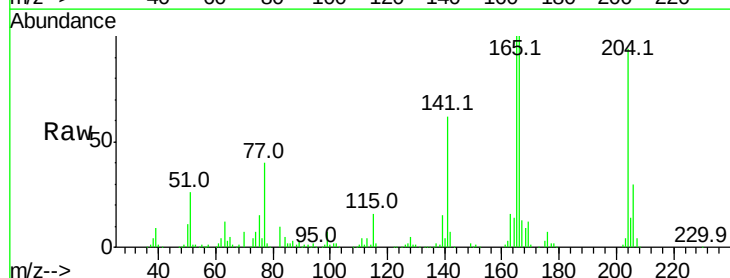
9.96

Time-->



#60
4-Chlorophenyl-phenylether
Concen: 43.51 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

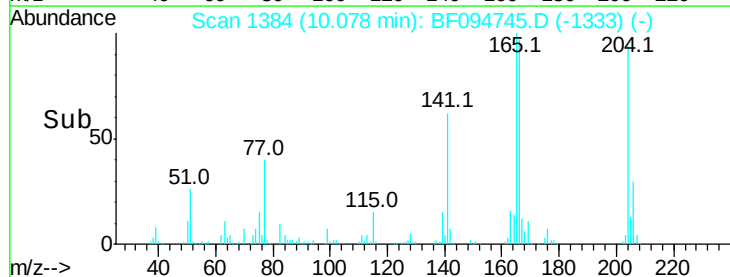
Tgt Ion:204 Resp: 254907
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 65.8 60.8 91.2

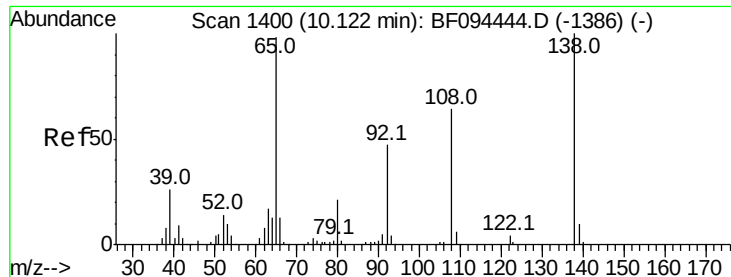


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

10.08

Time-->





#61

4-Nitroaniline

Concen: 35.76 ng

RT: 10.13 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Instrument :

BNA_F

ClientSampleId :

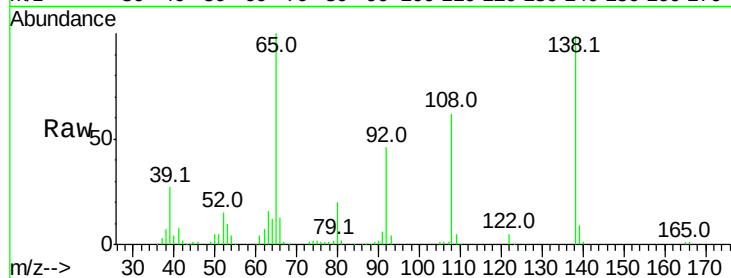
Tot Ion:138 Resp: 144253

Ion Ratio Lower Upper

138 100

92 46.8 21.8 61.8

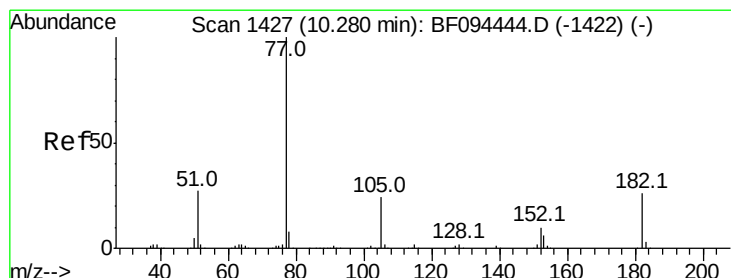
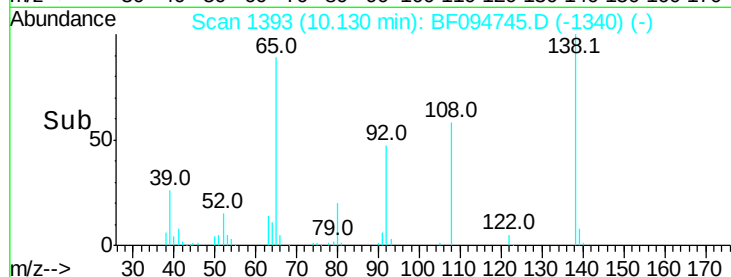
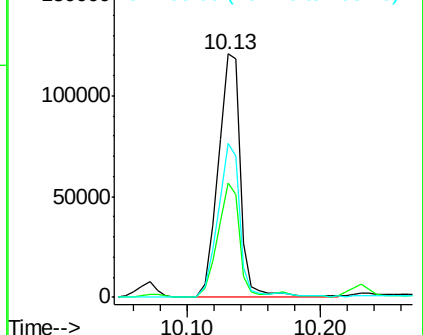
108 63.1 42.3 82.3



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: 41.46 ng

RT: 10.27 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Tgt Ion: 77 Resp: 580480

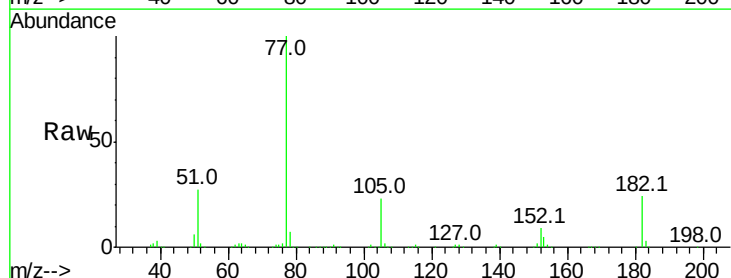
Ion Ratio Lower Upper

77 100

182 24.2 0.1 40.1

105 23.2 3.6 43.6

51 27.5 9.4 49.4

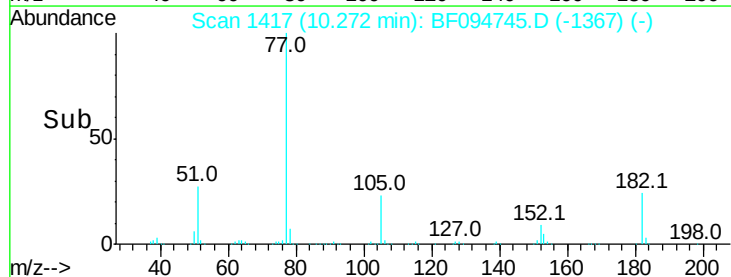
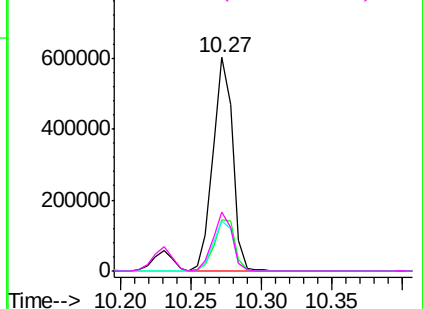


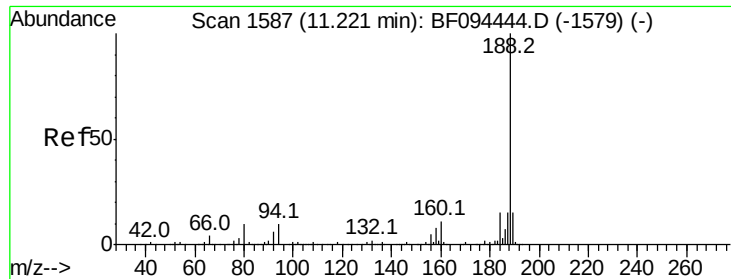
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

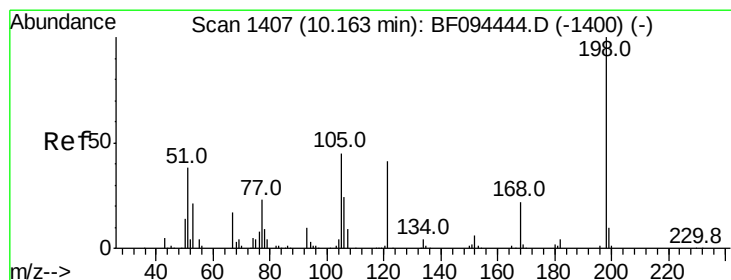
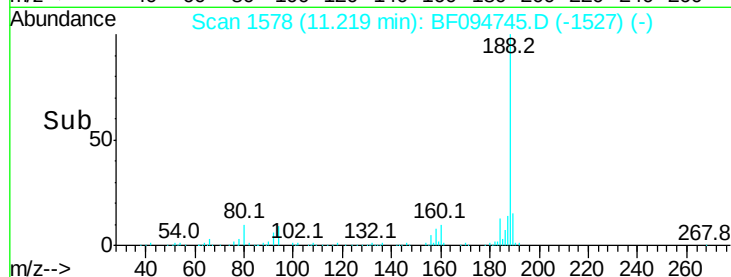
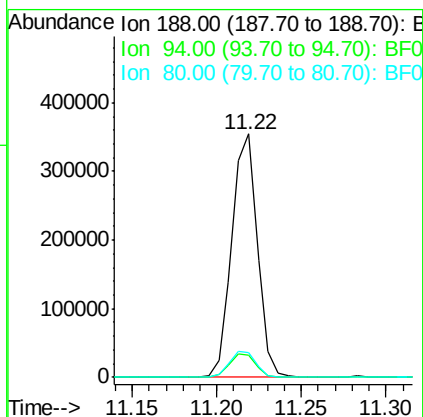
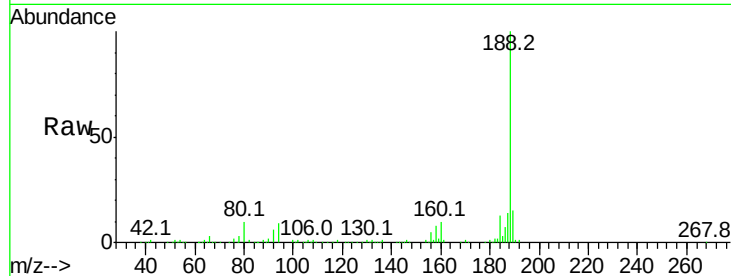




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

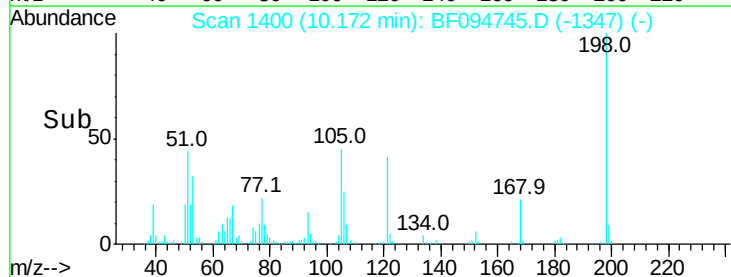
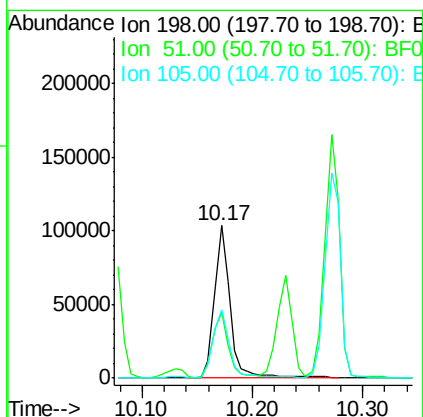
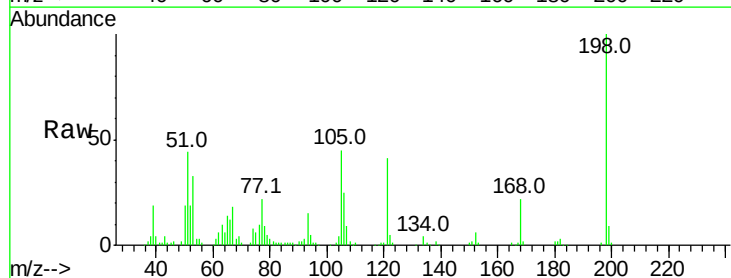
Instrument :
BNA_F
ClientSampleId :

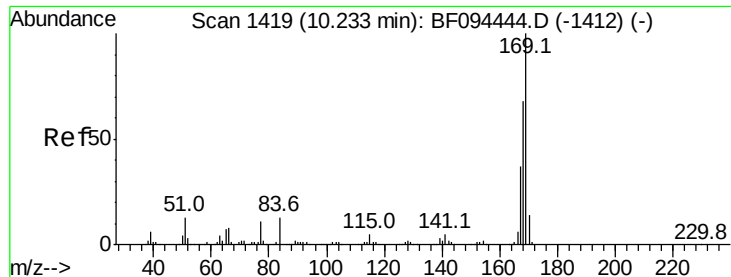
Tot Ion:188 Resp: 372947
Ion Ratio Lower Upper
188 100
94 9.3 9.4 14.2#
80 10.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 42.21 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

Tgt Ion:198 Resp: 103147
Ion Ratio Lower Upper
198 100
51 43.6 53.2 93.2#
105 44.8 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 40.55 ng

RT: 10.23 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Instrument :

BNA_F

ClientSampleId :

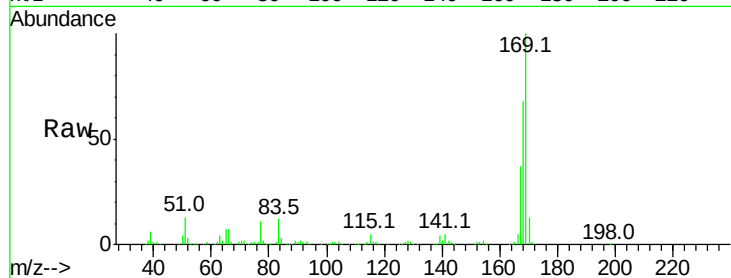
Tot Ion:169 Resp: 525957

Ion Ratio Lower Upper

169 100

168 68.2 53.2 79.8

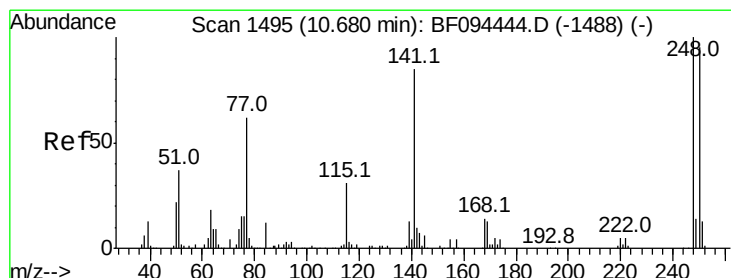
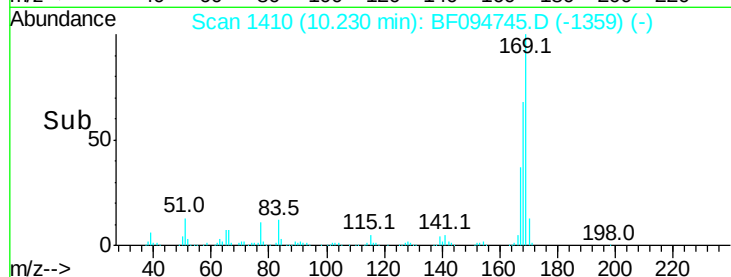
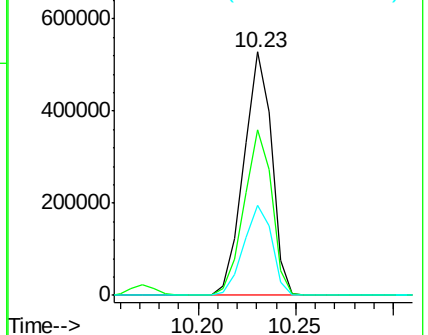
167 36.7 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.41 ng

RT: 10.68 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

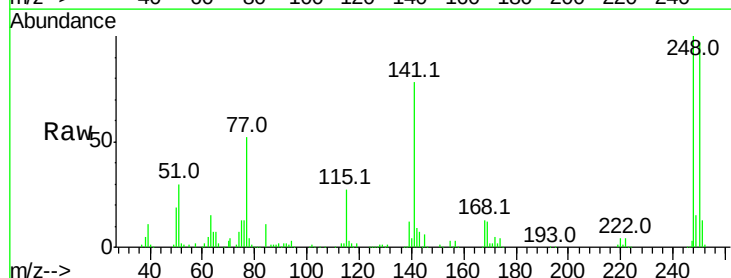
Tgt Ion:248 Resp: 153337

Ion Ratio Lower Upper

248 100

250 97.3 76.8 115.2

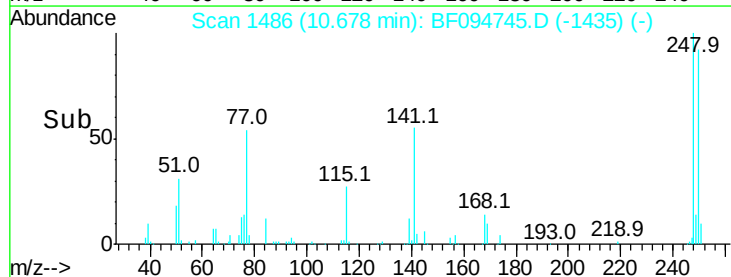
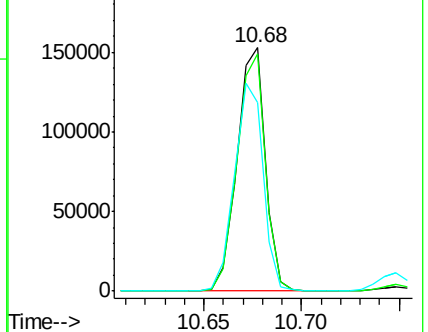
141 77.7 68.6 103.0

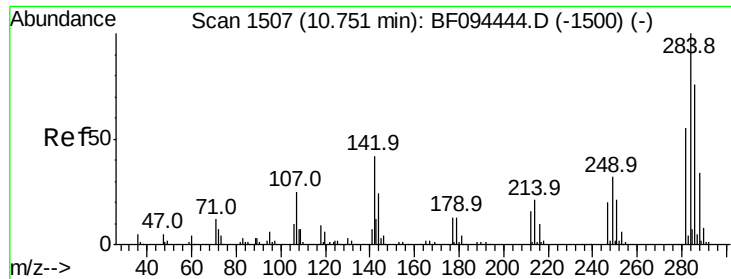


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

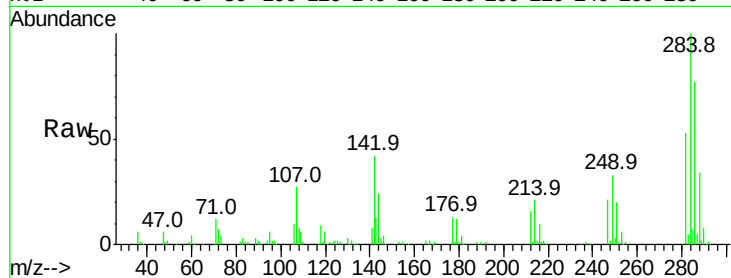




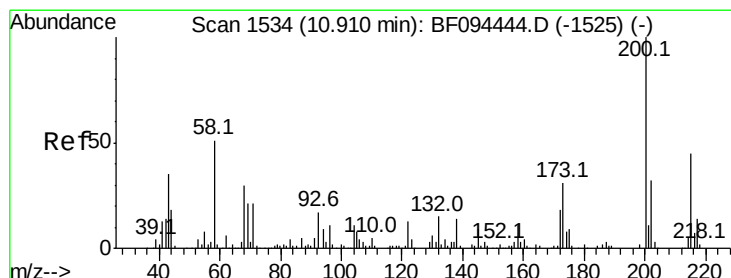
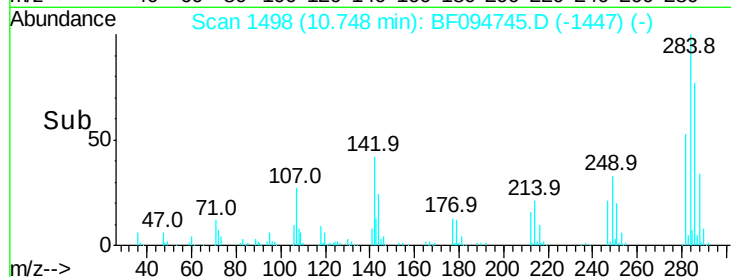
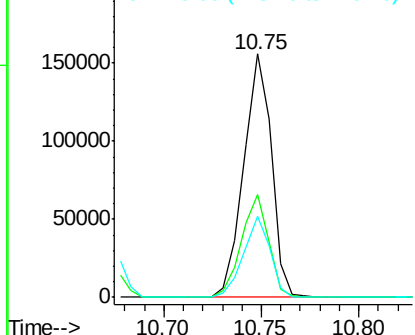
#67
Hexachlorobenzene
Concen: 41.19 ng
RT: 10.75 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 153716
Ion Ratio Lower Upper
284 100
142 42.4 22.8 34.2#
249 33.4 24.0 36.0

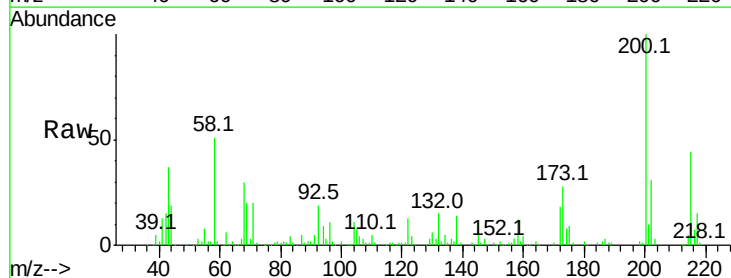


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

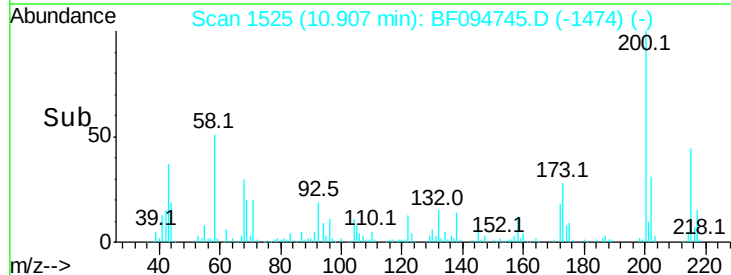
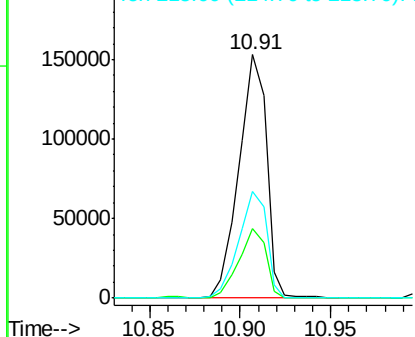


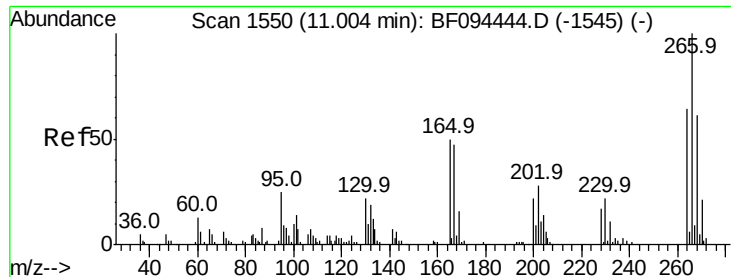
#68
Atrazine
Concen: 41.95 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

Tgt Ion:200 Resp: 162768
Ion Ratio Lower Upper
200 100
173 28.3 6.3 46.3
215 43.6 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

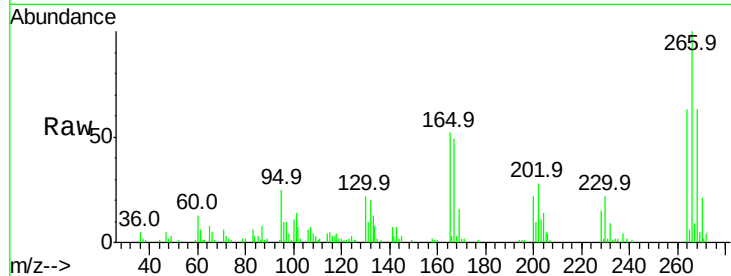




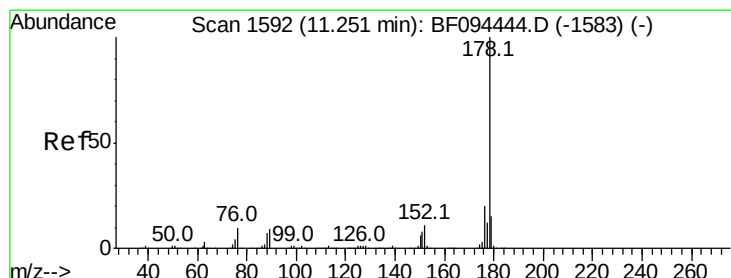
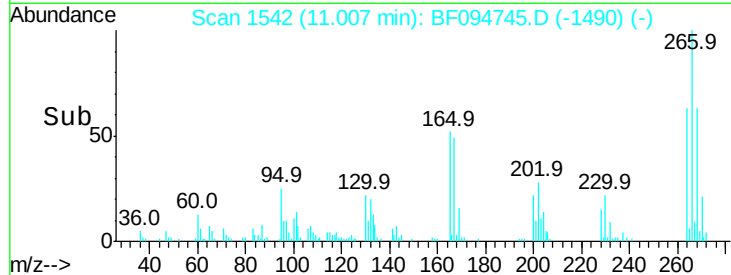
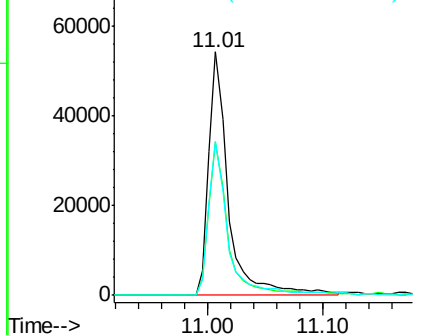
#69
 Pentachlorophenol
 Concen: 43.74 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 64818
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.1 76.7
 264 63.2 51.7 77.5

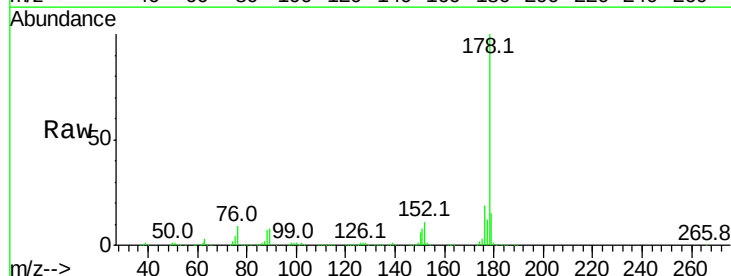


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

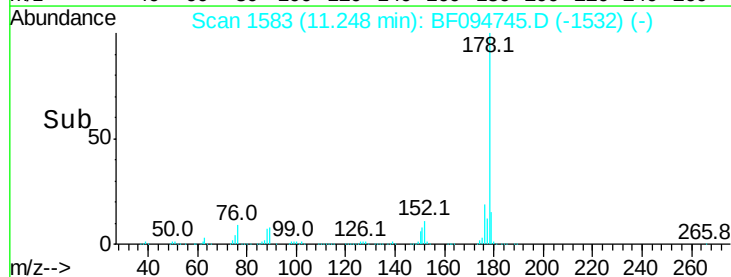
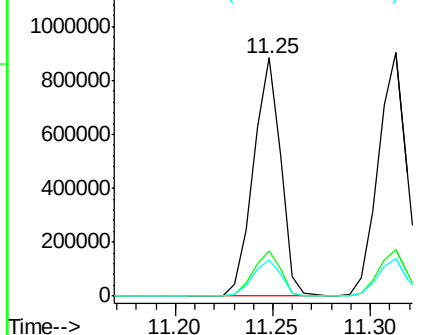


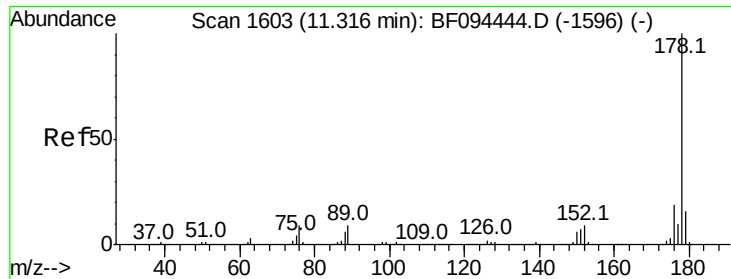
#70
 Phenanthrene
 Concen: 40.70 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Tgt Ion:178 Resp: 854755
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.3 12.6 19.0



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

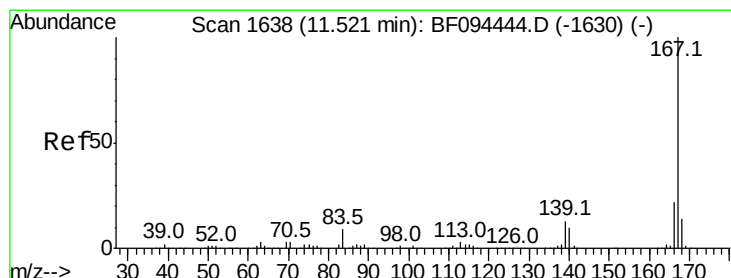
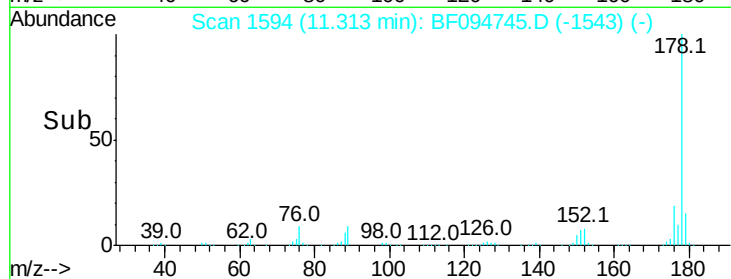
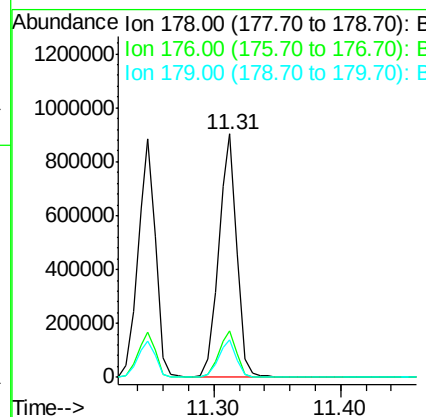
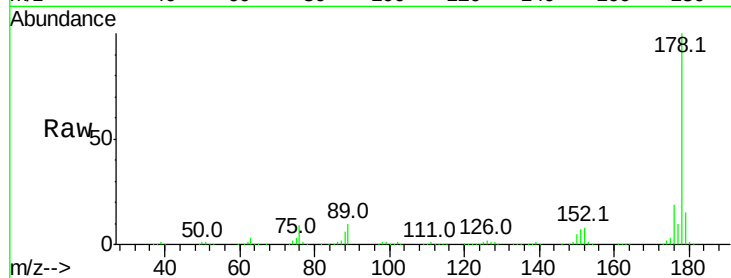




#71
 Anthracene
 Concen: 41.53 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

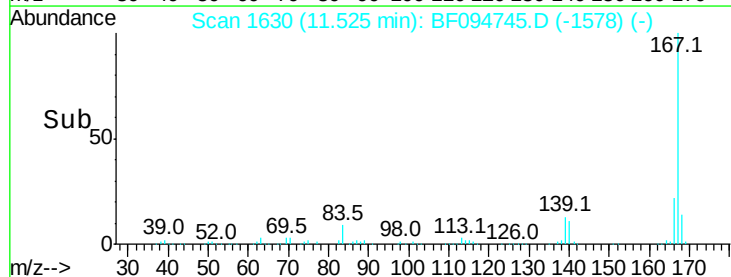
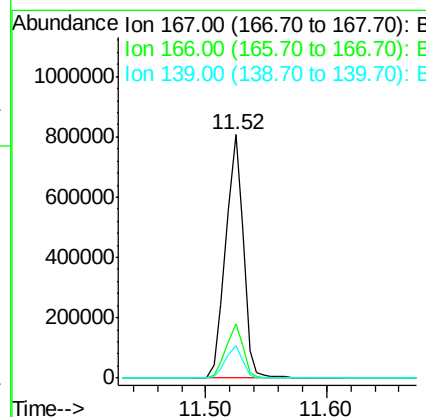
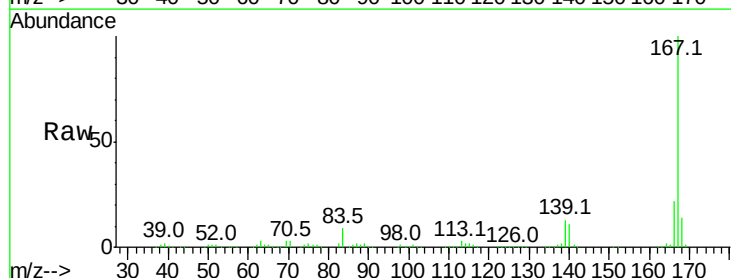
Instrument :
 BNA_F
 ClientSampleId :

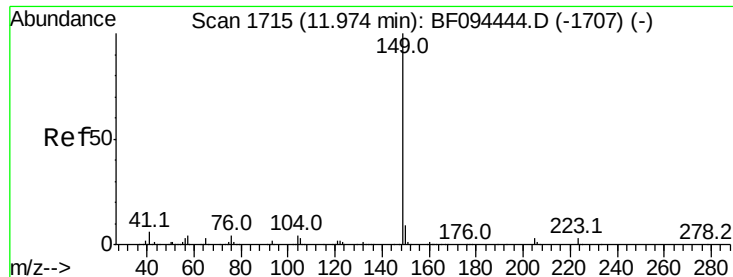
Tot Ion:178 Resp: 902177
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 40.16 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Tgt Ion:167 Resp: 818935
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 43.42 ng

RT: 11.97 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Instrument :

BNA_F

ClientSampleId :

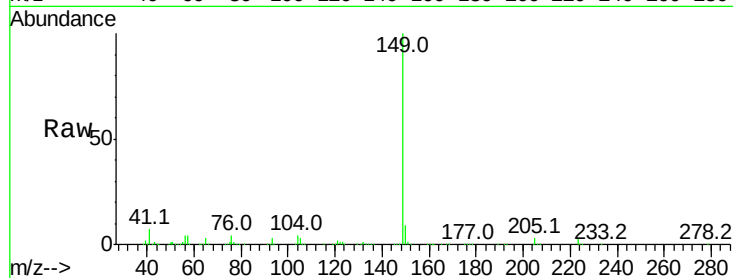
Tot Ion:149 Resp: 974889

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

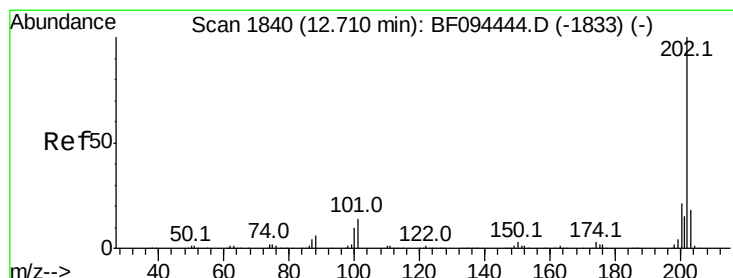
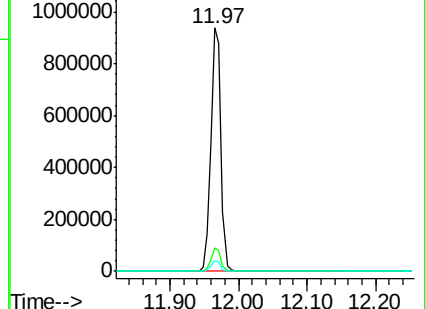
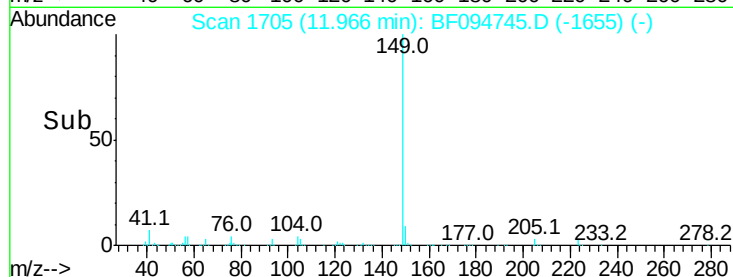
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.53 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

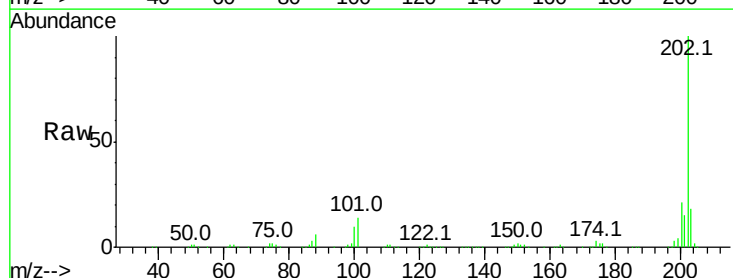
Tgt Ion:202 Resp: 838557

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

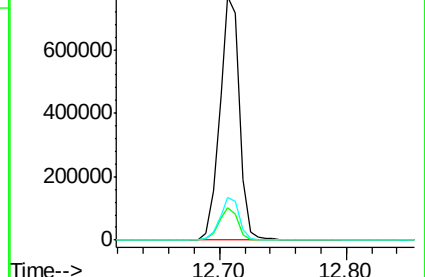
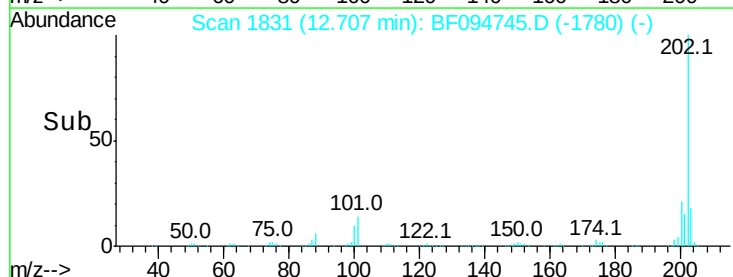
203 17.8 0.0 38.1

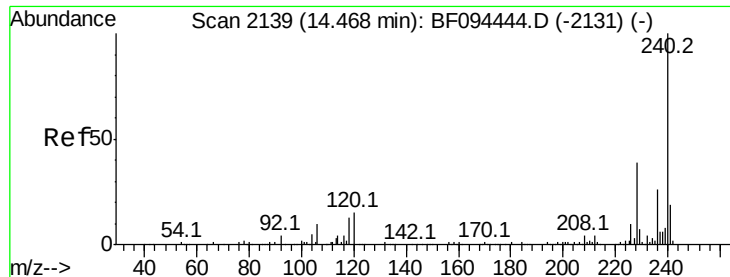


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

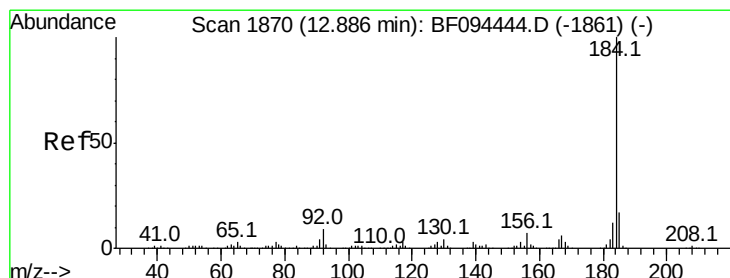
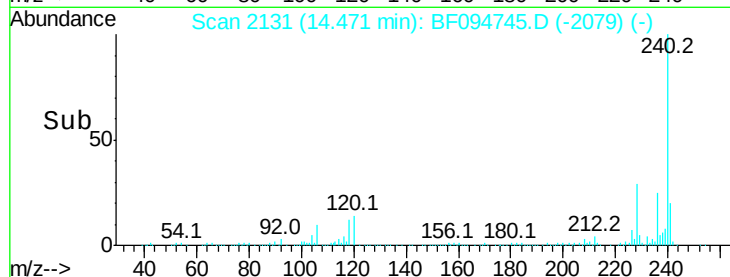
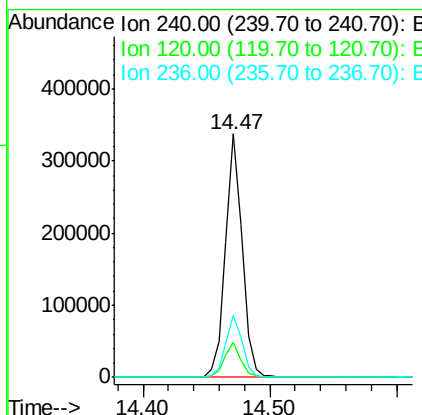
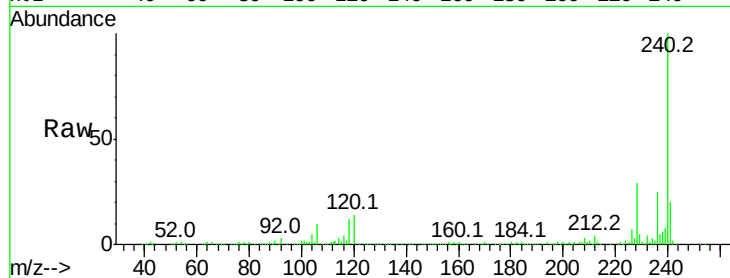




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

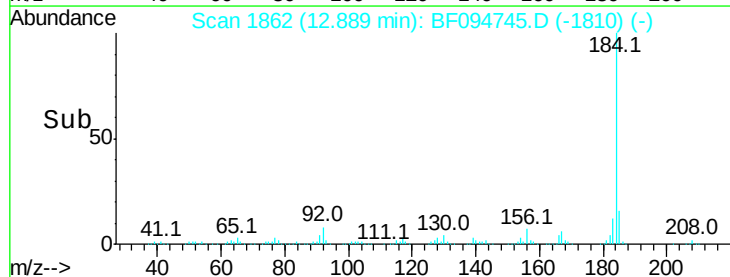
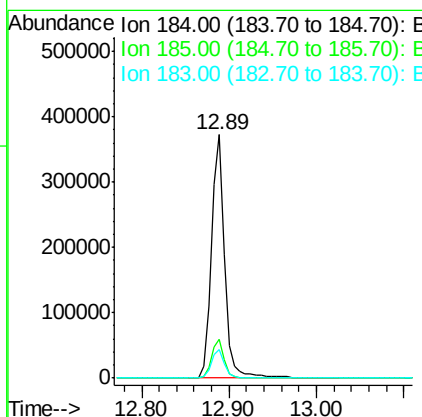
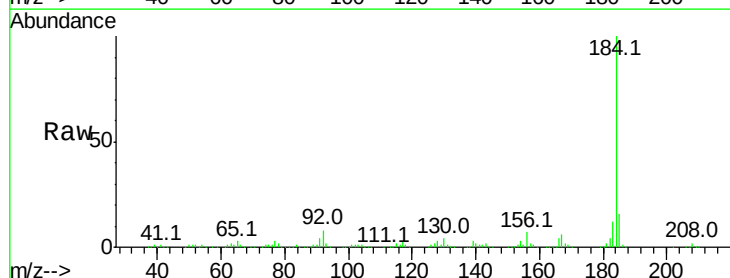
Instrument :
 BNA_F
 ClientSampleId :

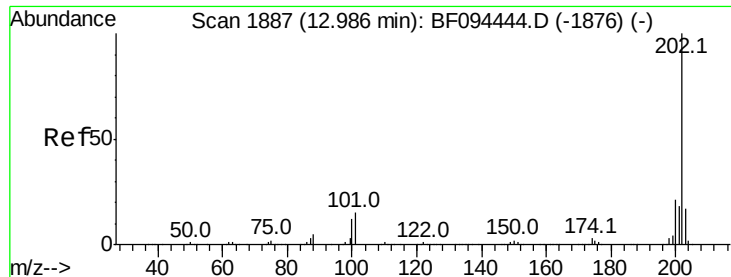
Tot Ion:240 Resp: 310264
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 25.4 20.5 30.7



#76
 Benzidine
 Concen: 31.12 ng
 RT: 12.89 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Tgt Ion:184 Resp: 390966
 Ion Ratio Lower Upper
 184 100
 185 16.0 15.5 23.3
 183 11.9 9.8 14.6

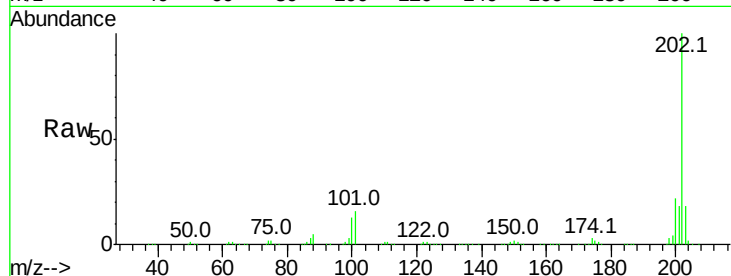




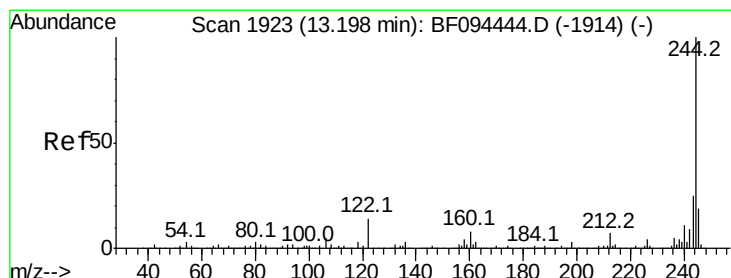
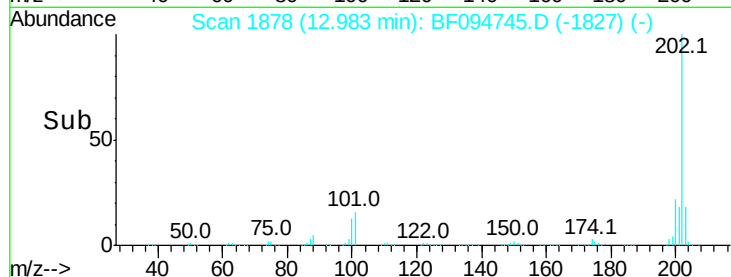
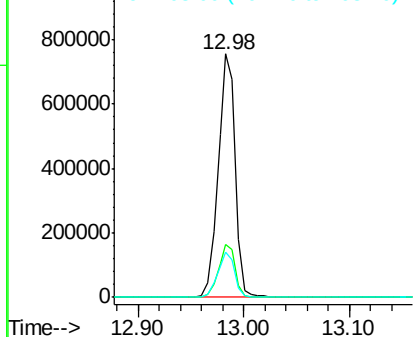
#77
Pvrene
Concen: 39.57 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 857844
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 18.4 14.4 21.6

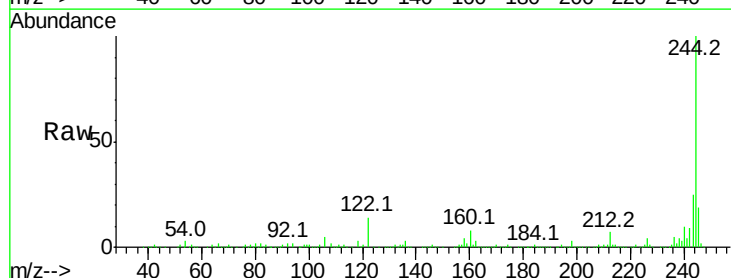


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

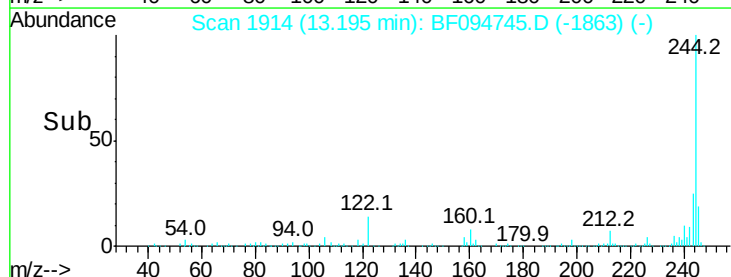
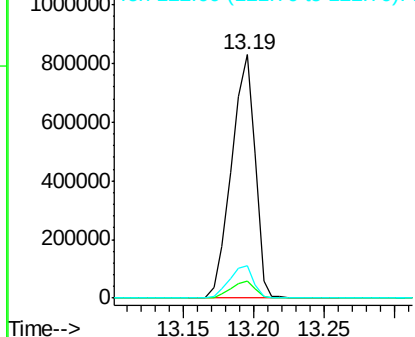


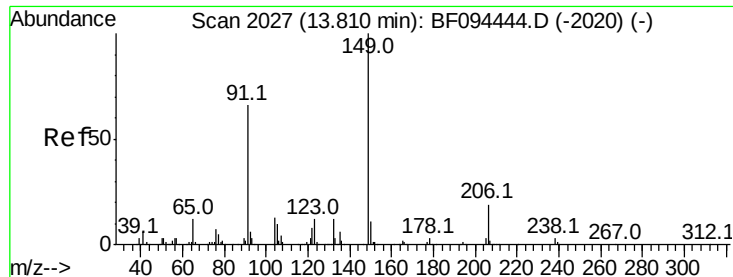
#78
Terphenyl-d14
Concen: 83.17 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

Tgt Ion:244 Resp: 965364
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 13.6 10.3 15.5



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

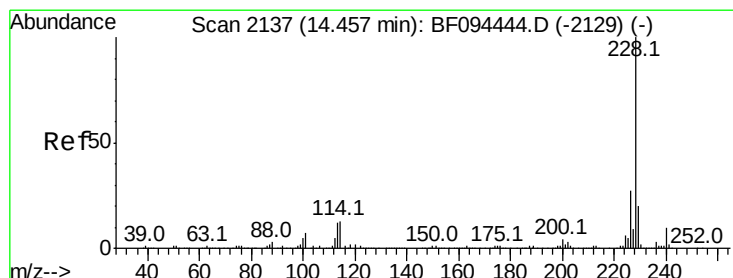
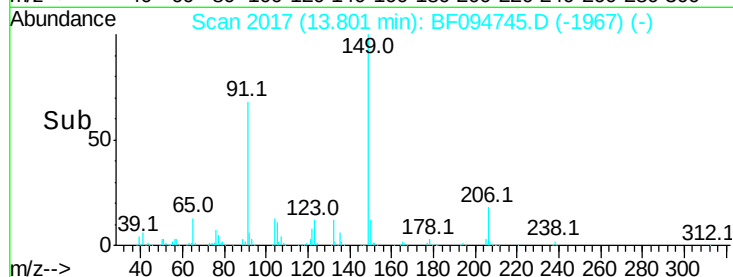
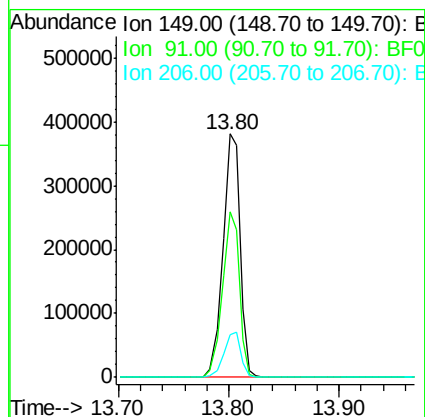
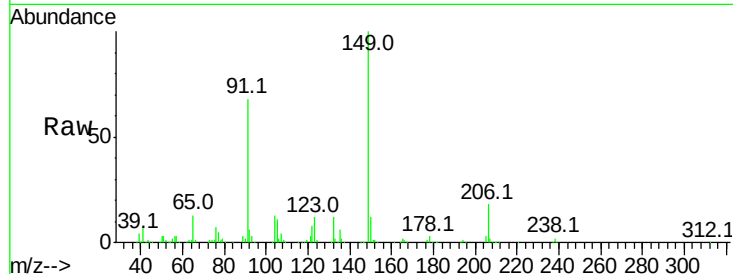




#79
Butylbenzylphthalate
Concen: 43.84 ng
RT: 13.80 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

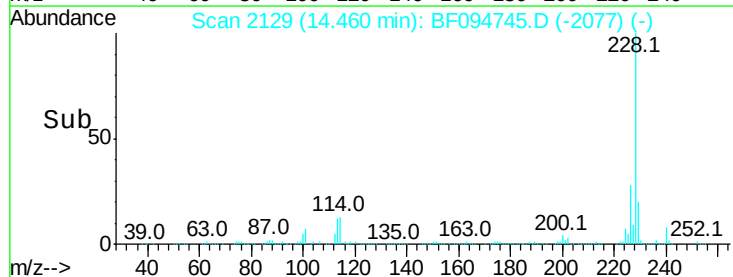
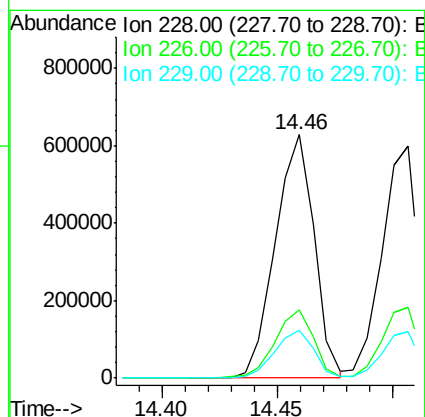
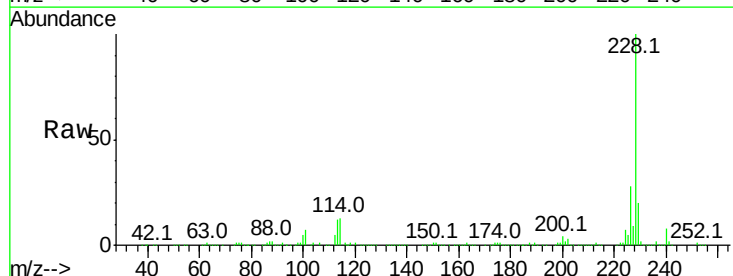
Instrument :
BNA_F
ClientSampled :

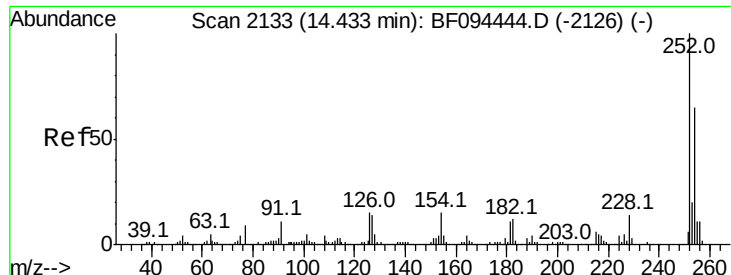
Tot Ion:149 Resp: 416437
Ion Ratio Lower Upper
149 100
91 68.2 45.0 67.4#
206 17.5 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.71 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

Tgt Ion:228 Resp: 734079
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 19.8 16.3 24.5

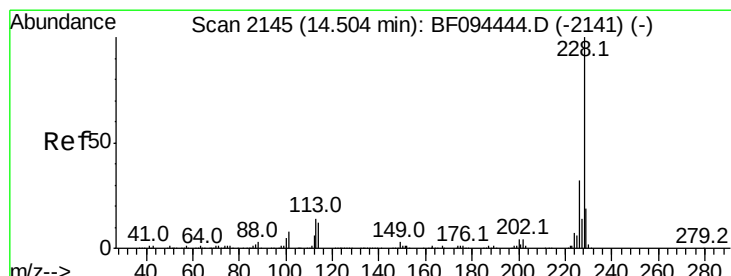
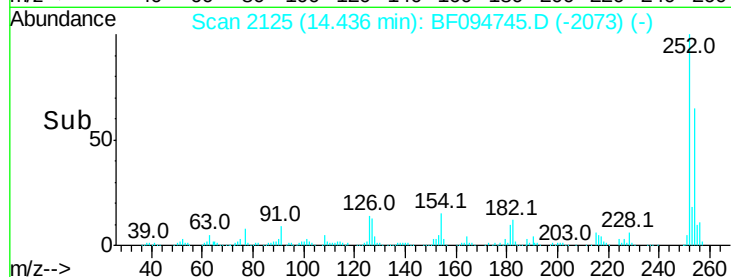
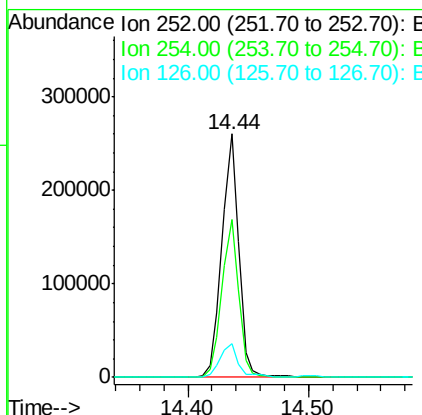
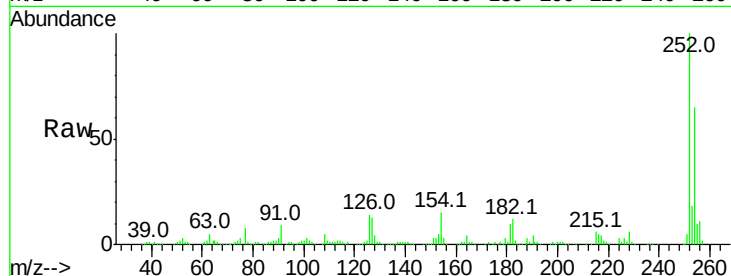




#81
 3,3'-Dichlorobenzidine
 Concen: 39.66 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

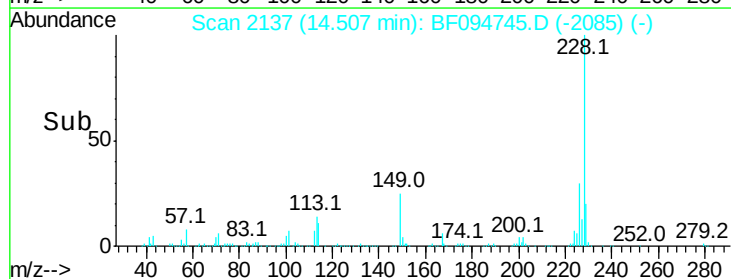
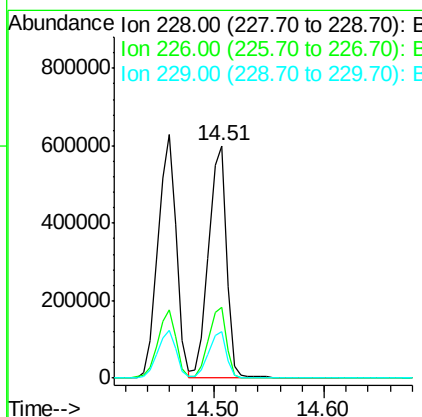
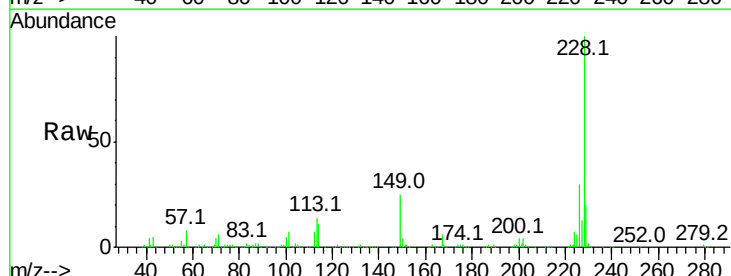
Instrument :
 BNA_F
 ClientSampleId :

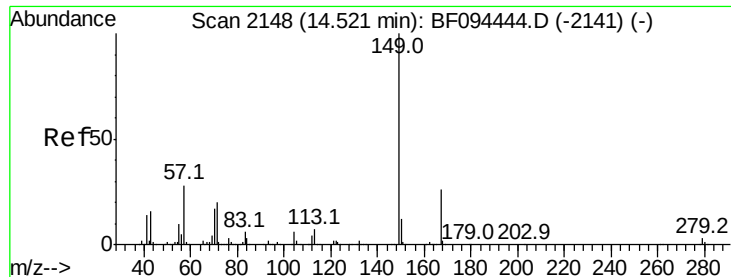
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.5	77.3
126	13.7	15.8	23.8#



#82
 Chrysene
 Concen: 40.16 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.9	15.8	23.6

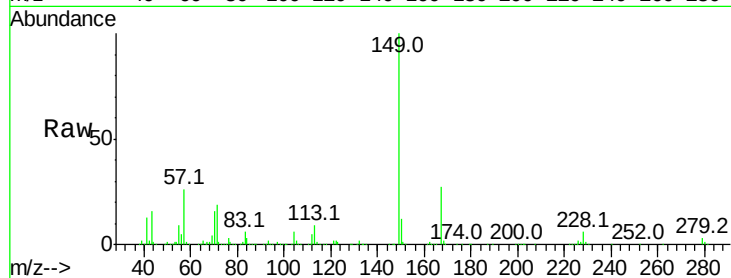




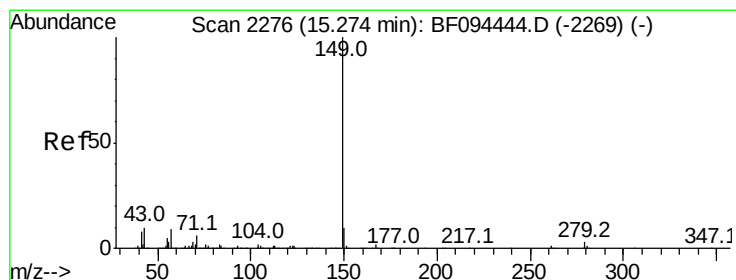
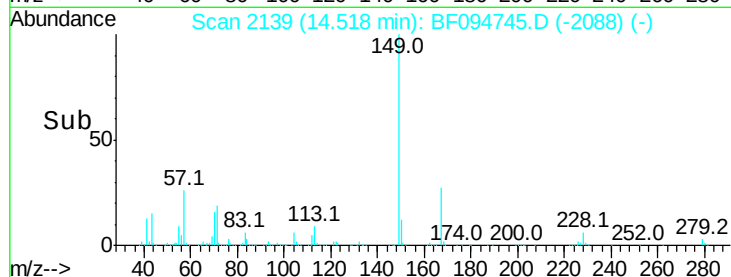
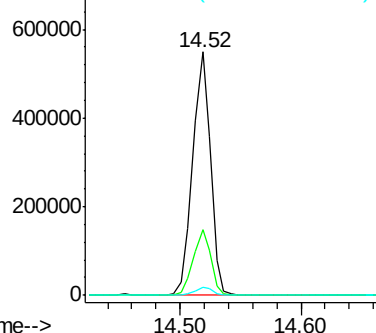
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.04 ng
 RT: 14.52 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 561740
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.0 31.4
 279 3.3 1.9 2.9#

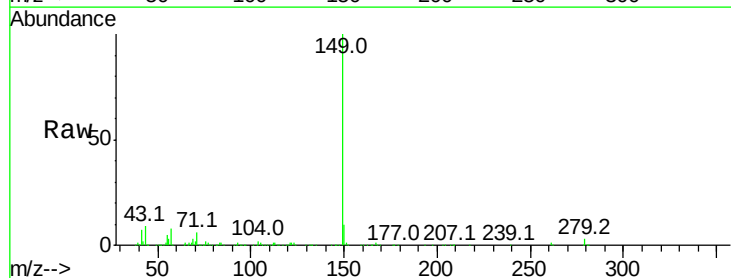


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

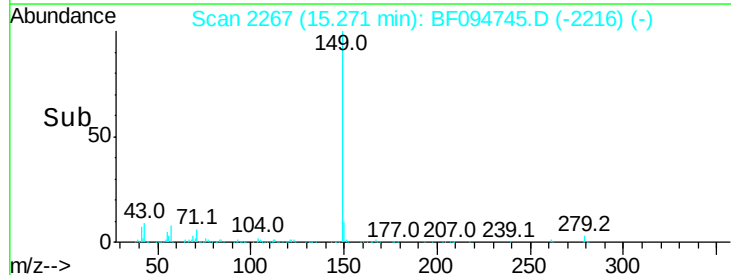
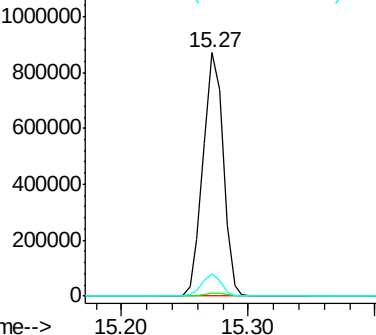


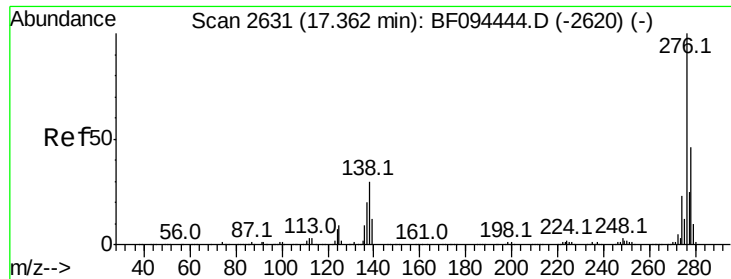
#84
 Di-n-octyl phthalate
 Concen: 44.70 ng
 RT: 15.27 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Tgt Ion:149 Resp: 956471
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.9 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

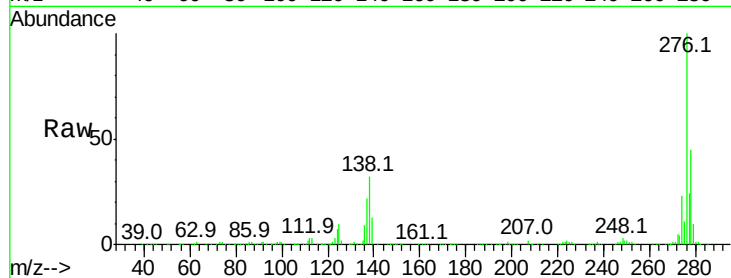




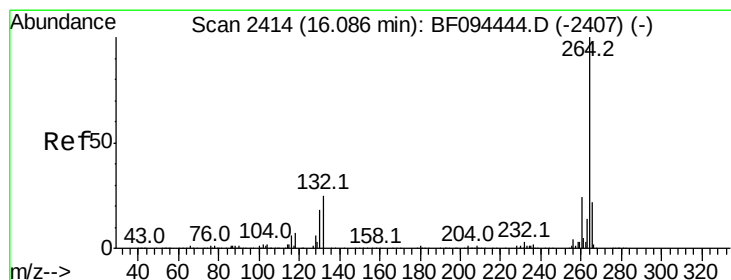
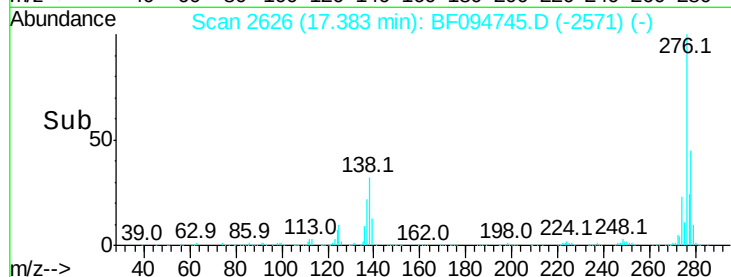
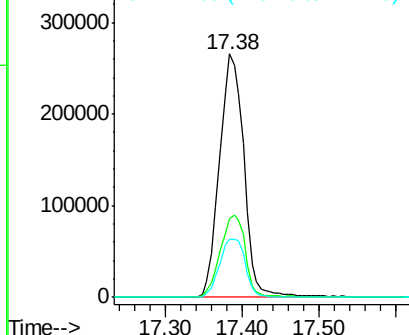
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.51 ng
 RT: 17.38 min Scan# 2626
 Delta R.T. 0.02 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	27.8	41.6
277	25.1	20.2	30.4

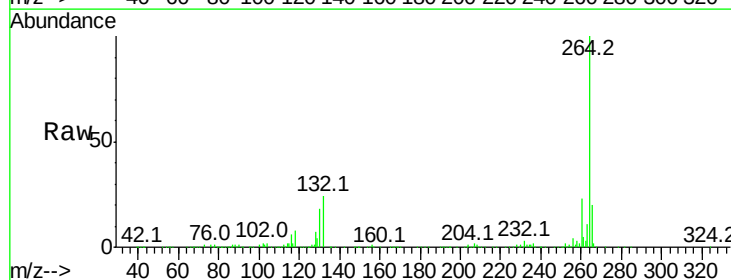


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

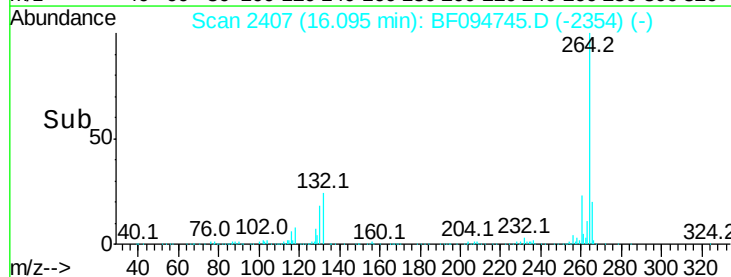
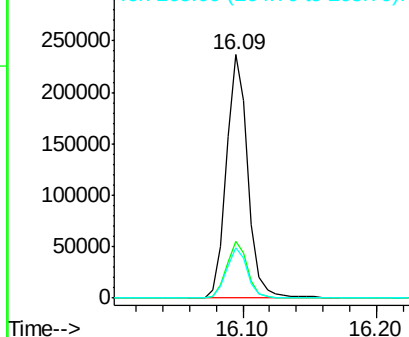


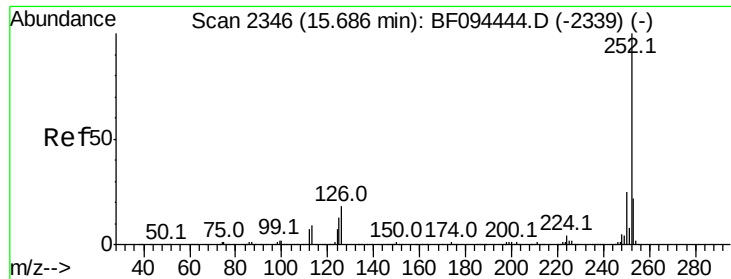
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.4	17.2	25.8



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

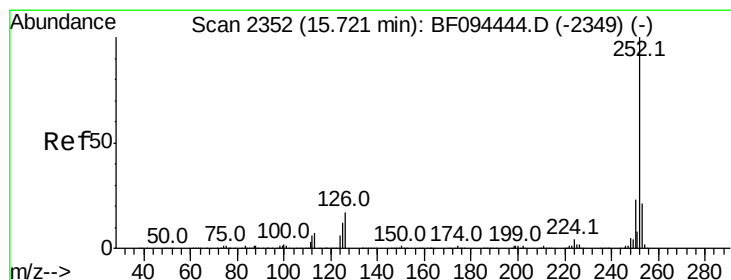
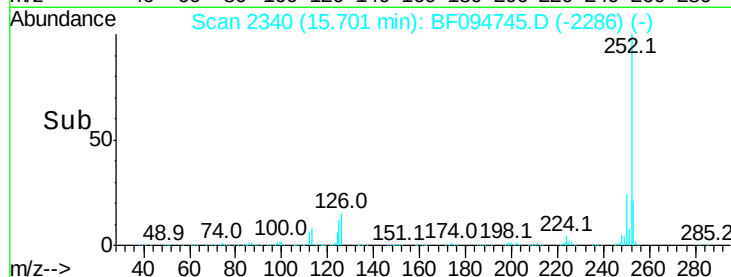
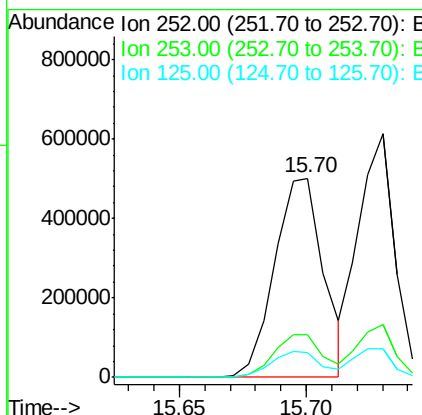
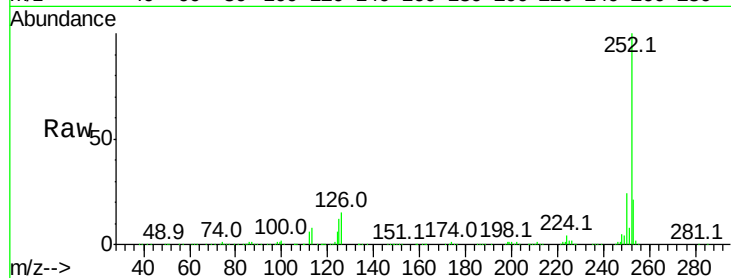




#87
Benzo(b)fluoranthene
Concen: 41.36 ng
RT: 15.70 min Scan# 2340
Delta R.T. 0.01 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

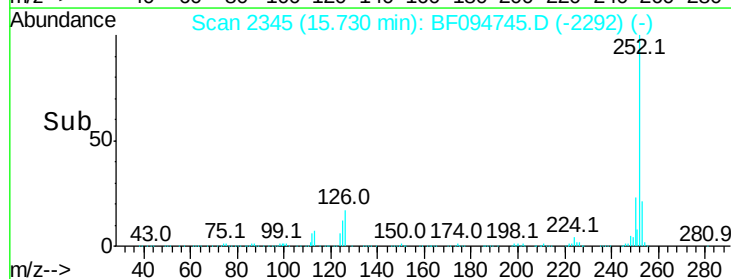
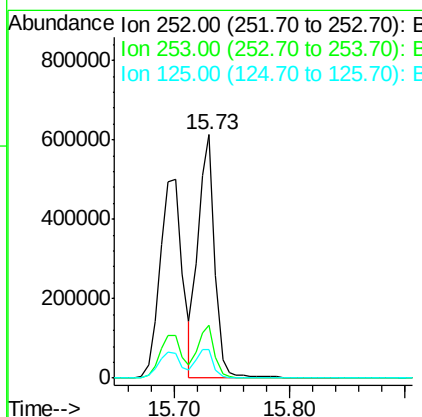
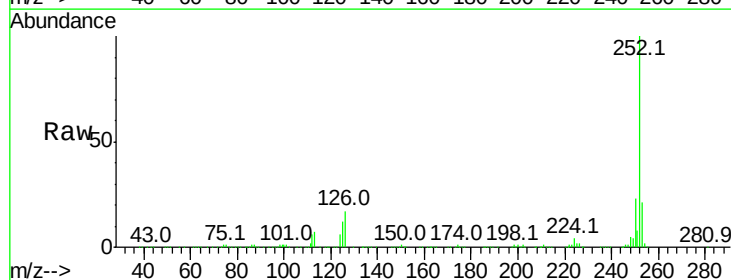
Instrument :
BNA_F
ClientSampleId :

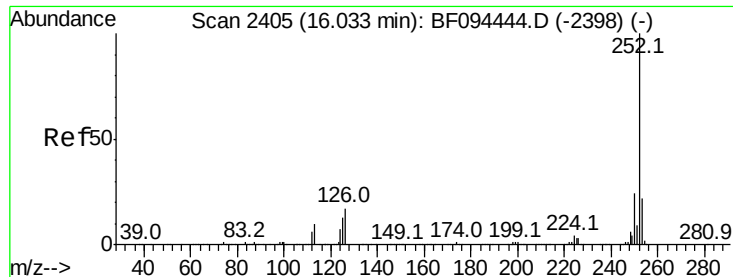
Tot Ion:252 Resp: 678376
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 12.2 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 40.12 ng
RT: 15.73 min Scan# 2345
Delta R.T. 0.01 min
Lab File: BF094745.D
Acq: 1 May 2017 12:05

Tgt Ion:252 Resp: 622792
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 12.0 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 40.50 ng

RT: 16.04 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

Instrument :

BNA_F

ClientSampleId :

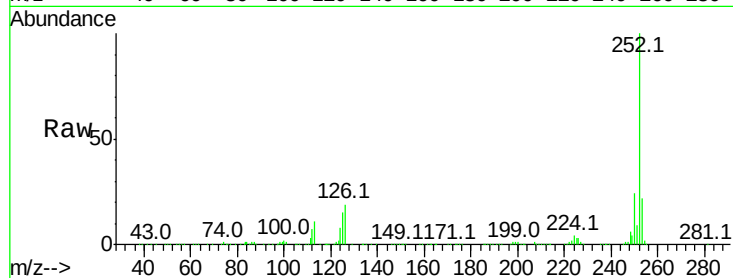
Tot Ion:252 Resp: 618031

Ion Ratio Lower Upper

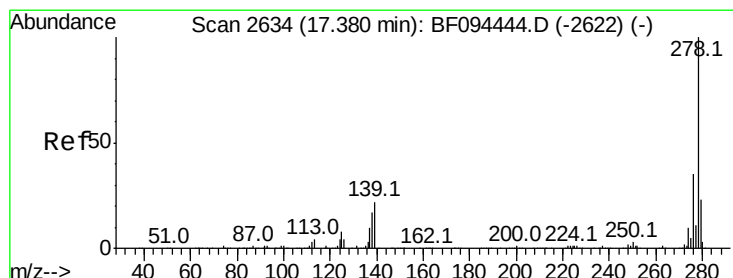
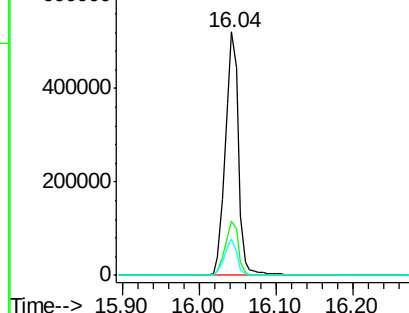
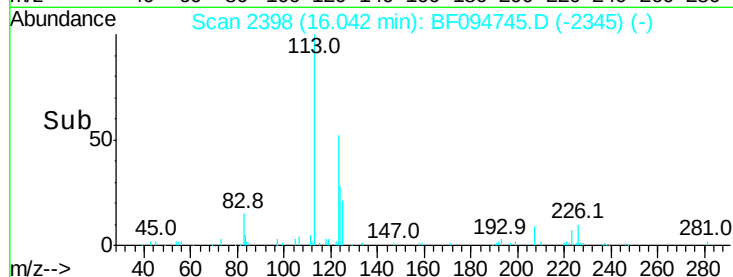
252 100

253 22.0 17.5 26.3

125 14.8 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 38.65 ng

RT: 17.40 min Scan# 2629

Delta R.T. 0.02 min

Lab File: BF094745.D

Acq: 1 May 2017 12:05

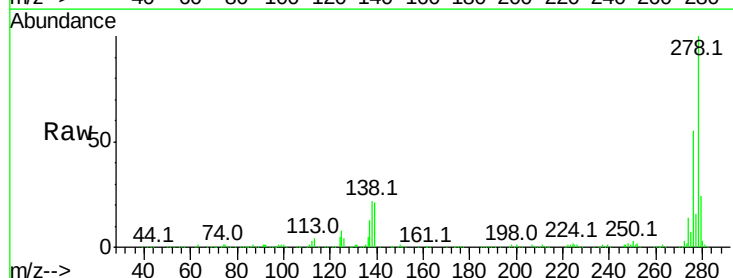
Tgt Ion:278 Resp: 489811

Ion Ratio Lower Upper

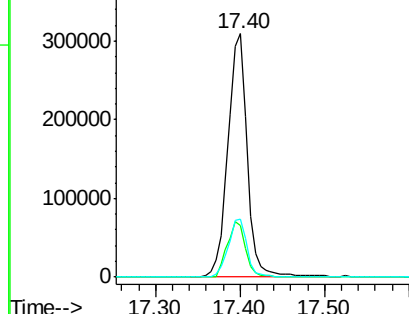
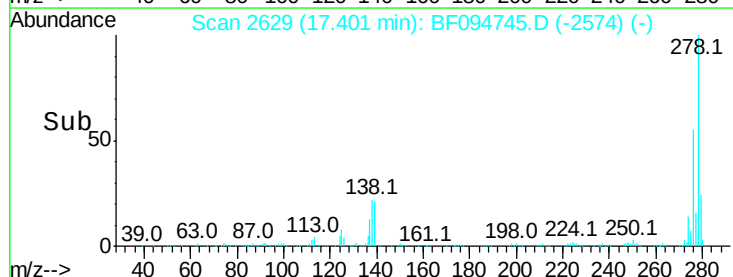
278 100

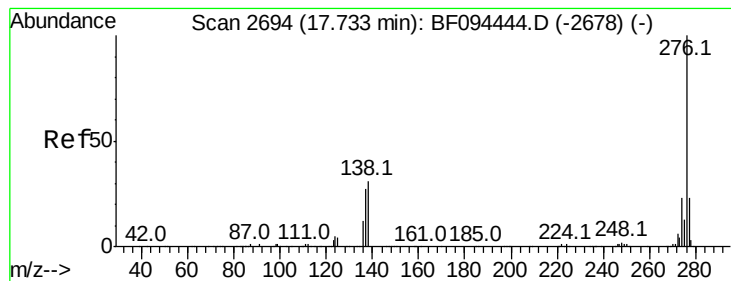
139 21.3 16.6 24.8

279 24.1 19.3 28.9



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

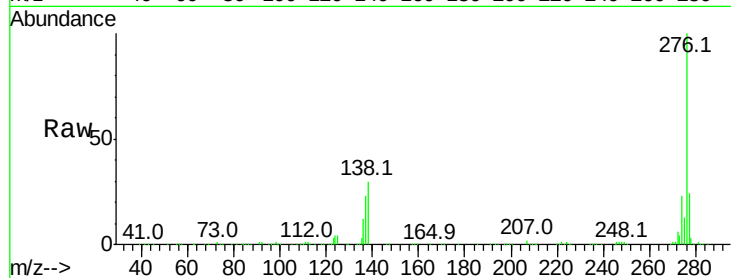




#91
 Benzo(a,h,i)perylene
 Concen: 36.66 ng
 RT: 17.76 min Scan# 2690
 Delta R.T. 0.03 min
 Lab File: BF094745.D
 Acq: 1 May 2017 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 472982
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.6 28.0
 138 29.6 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

