

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095124.D
 Acq On : 15 May 2017 14:13
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 16 05:53:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	95162	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	391571	20.00	ng	0.04
38) Acenaphthene-d10	12.63	164	172038	20.00	ng	0.05
63) Phenanthrene-d10	15.04	188	297117	20.00	ng	0.05
75) Chrysene-d12	18.70	240	222298	20.00	ng	0.05
86) Perylene-d12	20.38	264	192358	20.00	ng	0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	453847	79.51	ng	0.08
7) Phenol-d6	7.32	99	554772	81.01	ng	0.04
23) Nitrobenzene-d5	8.68	82	444113	71.52	ng	0.05
41) 2,4,6-Tribromophenol	13.92	330	117241	83.21	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	989715	82.80	ng	0.04
78) Terphenyl-d14	17.35	244	955418	94.66	ng	0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	2.25	88	102002	36.44	ng	96
3) Pyridine	2.97	79	145876	22.48	ng	97
4) n-Nitrosodimethylamine	2.88	42	83503	30.88	ng	86
6) Aniline	7.29	93	379913	43.94	ng	95
8) 2-Chlorophenol	7.47	128	275733	42.44	ng	95
9) Benzaldehyde	7.11	77	153326	36.66	ng	98
10) Phenol	7.34	94	264307	36.62	ng	93
11) bis(2-Chloroethyl)ether	7.41	93	240263	40.33	ng	96
12) 1,3-Dichlorobenzene	7.68	146	301022	40.85	ng	98
13) 1,4-Dichlorobenzene	7.81	146	304366	40.73	ng	96
14) 1,2-Dichlorobenzene	8.04	146	299970	43.00	ng	96
15) Benzyl Alcohol	8.07	79	197973	44.94	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.25	45	326468	38.72	ng	97
17) 2-Methylphenol	8.27	107	218809	41.16	ng	# 93
18) Hexachloroethane	8.55	117	103693	40.96	ng	# 83
19) n-Nitroso-di-n-propylamine	8.48	70	188224	40.64	ng	96
20) 3+4-Methylphenols	8.54	107	296271	41.01	ng	# 59
22) Acetophenone	8.46	105	386755	41.17	ng	# 83
24) Nitrobenzene	8.71	77	230798	35.46	ng	92
25) Isophorone	9.12	82	407315	36.73	ng	# 94
26) 2-Nitrophenol	9.22	139	132978	37.86	ng	99
27) 2,4-Dimethylphenol	9.35	122	210187	37.02	ng	98
28) bis(2-Chloroethoxy)methane	9.48	93	291125	37.95	ng	99
29) 2,4-Dichlorophenol	9.64	162	203588	37.97	ng	99
30) 1,2,4-Trichlorobenzene	9.72	180	229464	39.95	ng	99
31) Naphthalene	9.83	128	799746	40.64	ng	99
32) Benzoic acid	9.64	122	68329	21.47	ng	95
33) 4-Chloroaniline	9.98	127	274535	37.43	ng	# 92
34) Hexachlorobutadiene	10.05	225	120558	39.78	ng	98
35) Caprolactam	10.60	113	32468	20.17	ng	90
36) 4-Chloro-3-methylphenol	10.82	107	234744	40.95	ng	89
37) 2-Methylnaphthalene	10.95	142	511860	39.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.24	216	207252	39.17	ng	99
40) Hexachlorocyclopentadiene	11.21	237	85531	41.60	ng	96

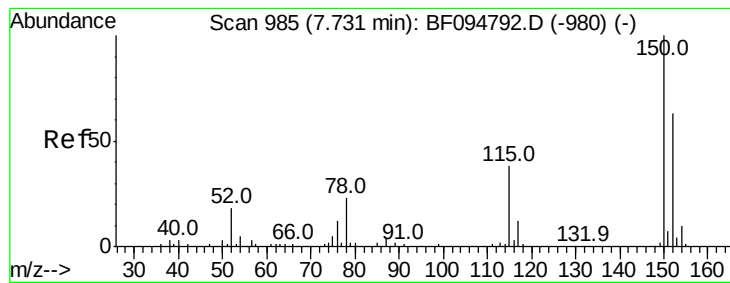
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095124.D
 Acq On : 15 May 2017 14:13
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 16 05:53:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	144475	40.90	nq	97
43) 2,4,5-Trichlorophenol	11.54	196	149509	39.38	nq	92
45) 1,1'-Biphenyl	11.72	154	598104	41.29	nq	97
46) 2-Chloronaphthalene	11.74	162	493643	42.21	nq	97
47) 2-Nitroaniline	11.96	65	131065	40.94	nq	# 82
48) Acenaphthylene	12.40	152	751210	41.01	nq	99
49) Dimethylphthalate	12.27	163	576407	40.81	nq	99
50) 2,6-Dinitrotoluene	12.37	165	116865	40.56	nq	95
51) Acenaphthene	12.68	154	436773	39.92	nq	99
52) 3-Nitroaniline	12.64	138	126509	40.91	nq	88
53) 2,4-Dinitrophenol	12.86	184	35390	26.81	nq	# 66
54) Dibenzofuran	12.97	168	614101	40.56	nq	97
55) 4-Nitrophenol	12.97	139	222550	119.82	nq	# 27
56) 2,4-Dinitrotoluene	13.03	165	155790	42.08	nq	# 87
57) Fluorene	13.52	166	529933	40.25	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	97236	40.69	nq	95
59) Diethylphthalate	13.42	149	547283	40.43	nq	99
60) 4-Chlorophenyl-phenylether	13.55	204	238414	41.20	nq	90
61) 4-Nitroaniline	13.64	138	94014	33.11	nq	96
62) Azobenzene	13.81	77	402553	37.01	nq	93
64) 4,6-Dinitro-2-methylphenol	13.70	198	75429	37.87	nq	# 71
65) n-Nitrosodiphenylamine	13.75	169	405990	37.65	nq	99
66) 4-Bromophenyl-phenylether	14.34	248	135940	43.31	nq	98
67) Hexachlorobenzene	14.42	284	136907	42.56	nq	# 85
68) Atrazine	14.67	200	131095	43.06	nq	95
69) Pentachlorophenol	14.78	266	36851	29.34	nq	99
70) Phenanthrene	15.07	178	708733	41.52	nq	98
71) Anthracene	15.15	178	743924	42.66	nq	99
72) Carbazole	15.44	167	661416	41.69	nq	98
73) Di-n-butylphthalate	15.99	149	817527	41.32	nq	99
74) Fluoranthene	16.81	202	764718	43.67	nq	97
76) Benzidine	17.04	184	201986	35.57	nq	# 93
77) Pyrene	17.11	202	788517	47.43	nq	99
79) Butylbenzylphthalate	18.01	149	358198	46.32	nq	91
80) Benzo(a)anthracene	18.69	228	512467	39.61	nq	97
81) 3,3'-Dichlorobenzidine	18.67	252	170135	38.08	nq	# 95
82) Chrysene	18.74	228	532987	42.61	nq	99
83) Bis(2-ethylhexyl)phthalate	18.75	149	448816	40.73	nq	# 99
84) Di-n-octyl phthalate	19.52	149	815245	45.13	nq	95
85) Indeno(1,2,3-cd)pyrene	21.70	276	344502	33.91	nq	99
87) Benzo(b)fluoranthene	19.97	252	434396	36.55	nq	99
88) Benzo(k)fluoranthene	19.99	252	518942	45.26	nq	95
89) Benzo(a)pyrene	20.32	252	433767	39.55	nq	99
90) Dibenzo(a,h)anthracene	21.71	278	288598	31.86	nq	96
91) Benzo(g,h,i)perylene	22.09	276	329268	37.04	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.78 min Scan# 994

Delta R.T. 0.05 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampleId :

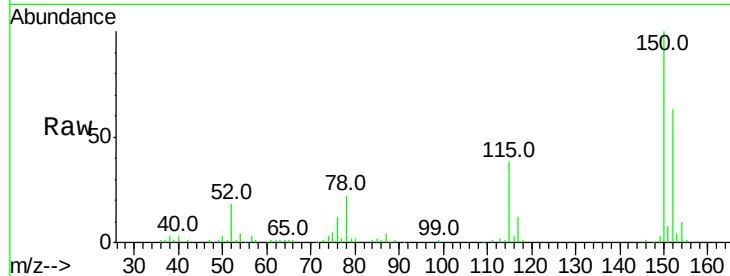
Tot Ion:152 Resp: 95162

Ion Ratio Lower Upper

152 100

150 158.1 126.2 189.2

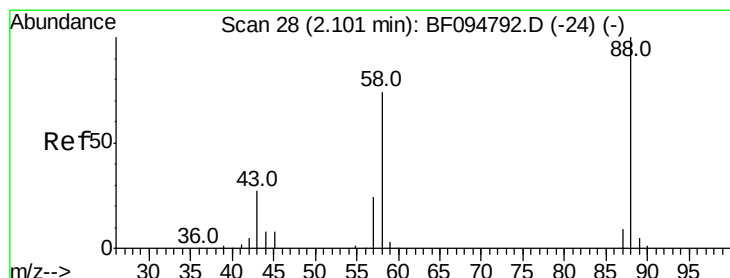
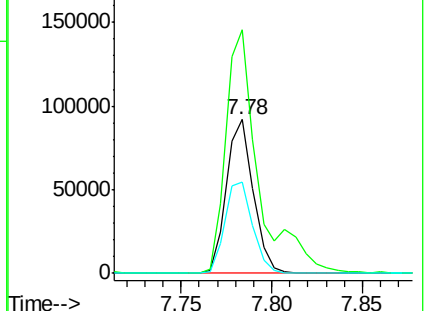
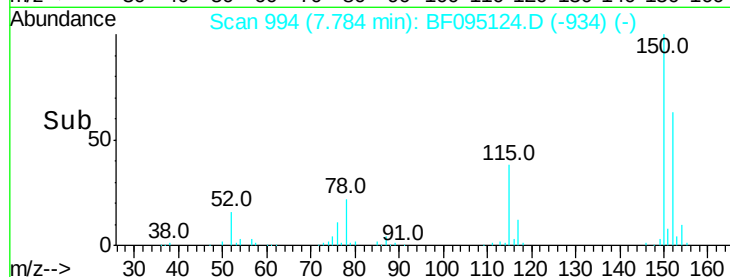
115 59.4 52.2 78.2



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: 36.44 ng

RT: 2.25 min Scan# 54

Delta R.T. 0.15 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

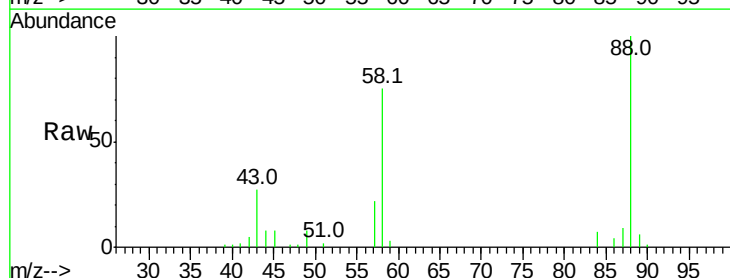
Tgt Ion: 88 Resp: 102002

Ion Ratio Lower Upper

88 100

58 72.9 61.4 92.0

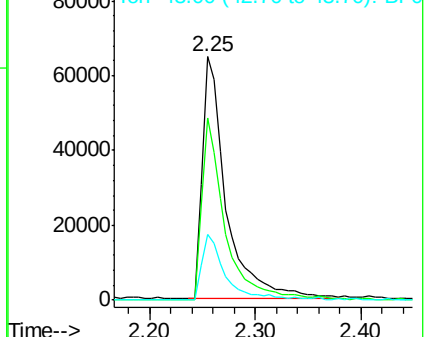
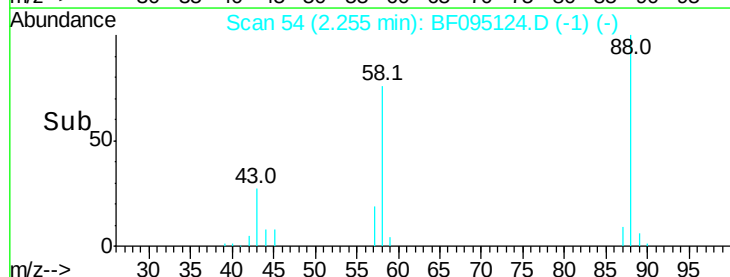
43 27.3 23.4 35.0

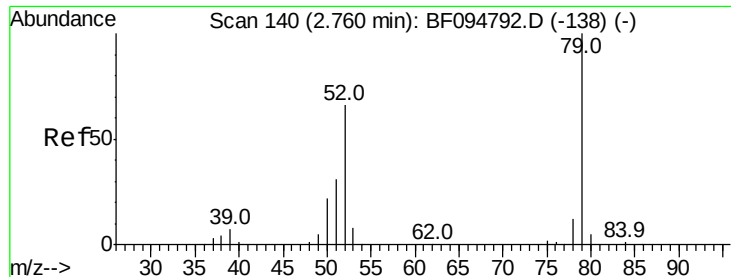


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 22.48 ng

RT: 2.97 min Scan# 175

Delta R.T. 0.21 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampleId :

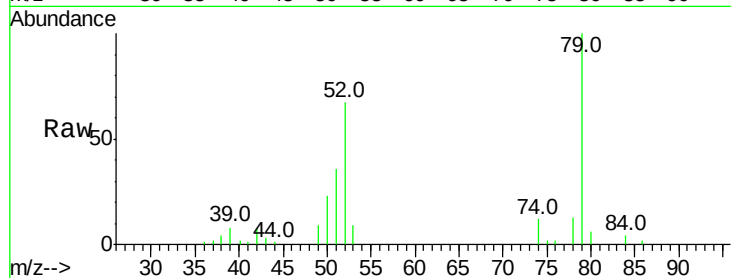
Tot Ion: 79 Resp: 145876

Ion Ratio Lower Upper

79 100

52 66.9 54.8 82.2

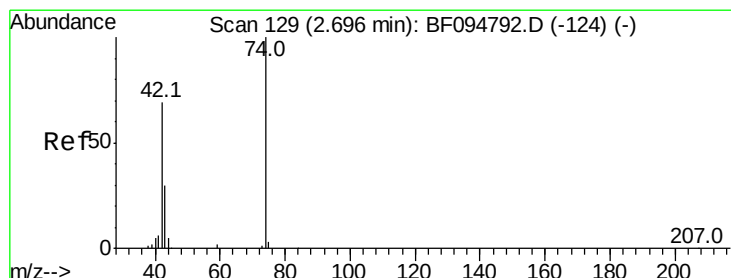
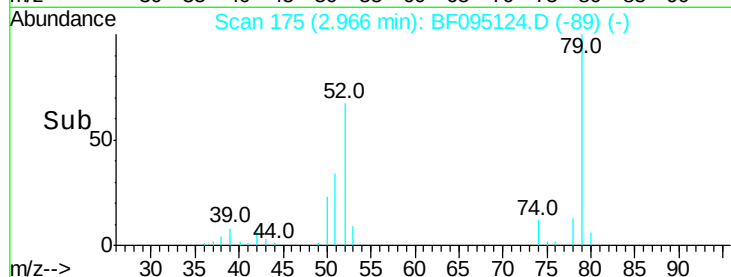
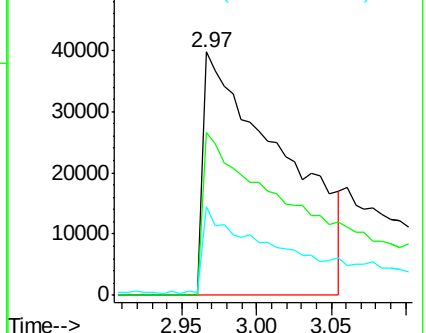
51 36.3 27.0 40.4



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: 30.88 ng

RT: 2.88 min Scan# 160

Delta R.T. 0.18 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

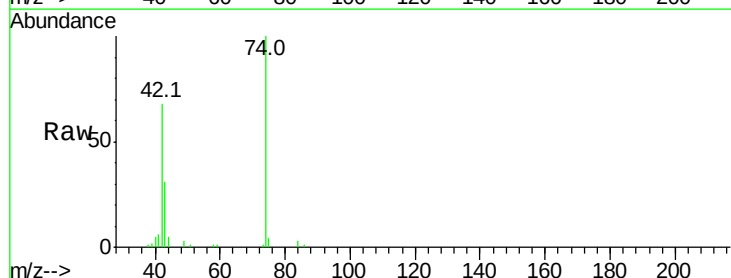
Tgt Ion: 42 Resp: 83503

Ion Ratio Lower Upper

42 100

74 146.4 103.9 155.9

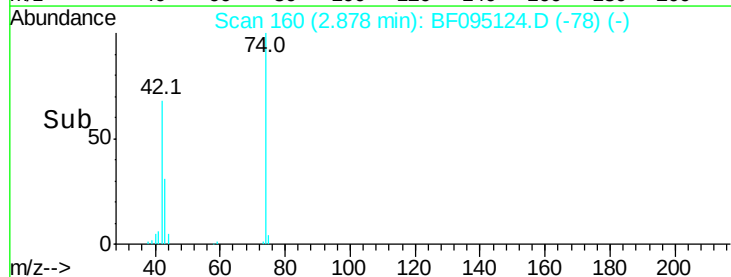
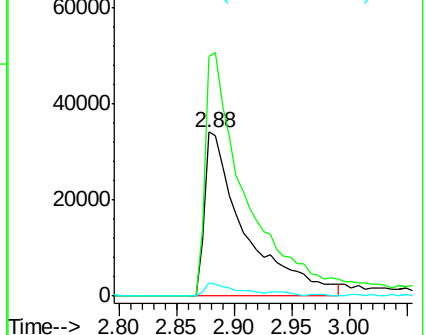
44 7.9 5.7 8.5

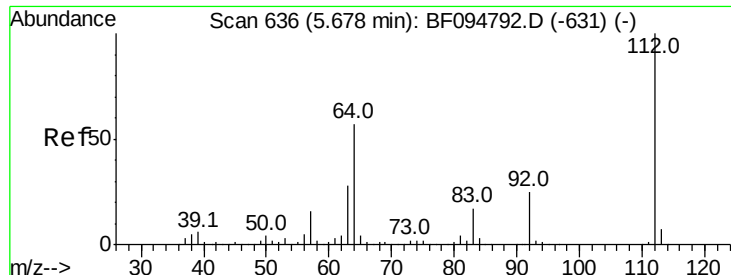


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.51 ng

RT: 5.75 min Scan# 649

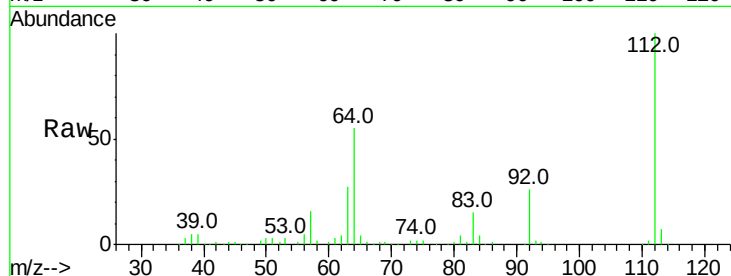
Delta R.T. 0.08 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :
BNA_F
ClientSampled :

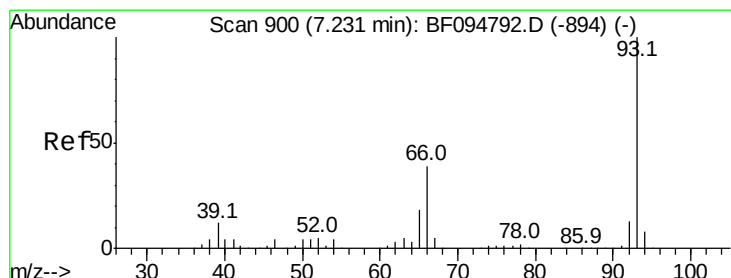
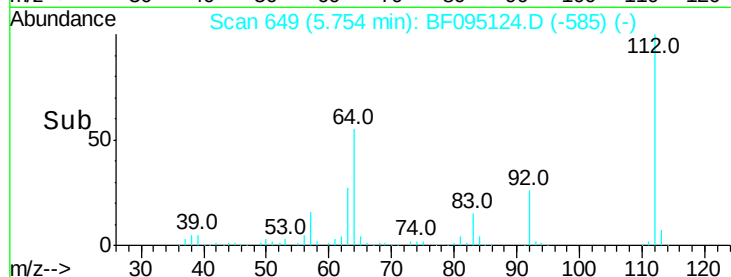
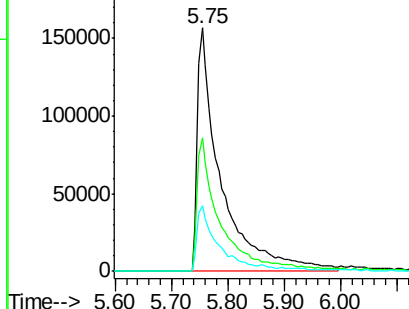
Tot Ion:	112	Resp:	453847
Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.0	69.0
63	27.1	23.4	35.0



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: 43.94 ng

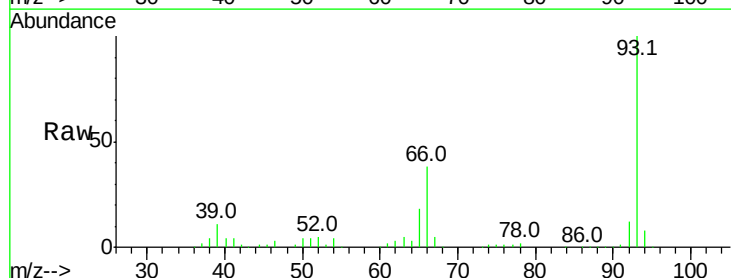
RT: 7.29 min Scan# 910

Delta R.T. 0.06 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

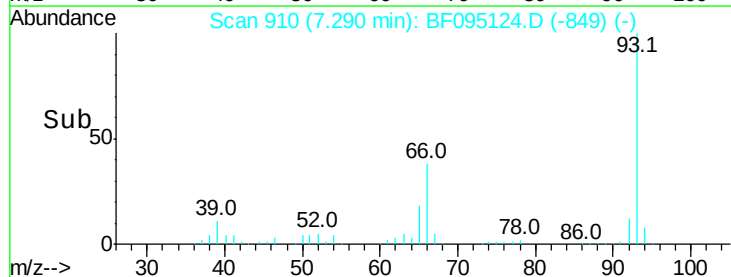
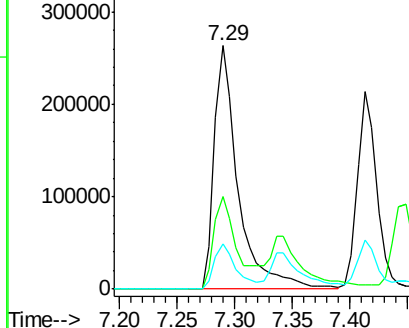
Tgt Ion:	93	Resp:	379913
Ion	Ratio	Lower	Upper
93	100		
66	37.8	32.9	49.3
65	18.5	16.0	24.0

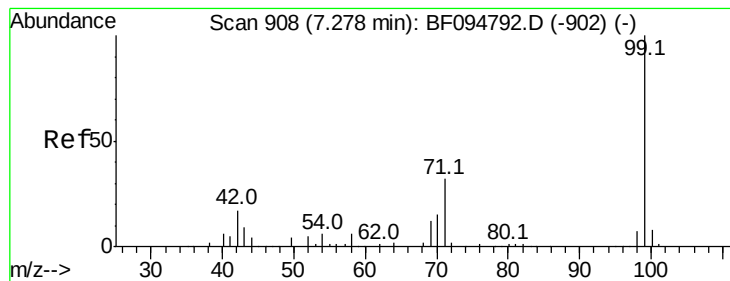


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.01 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :
BNA_F
ClientSampled :

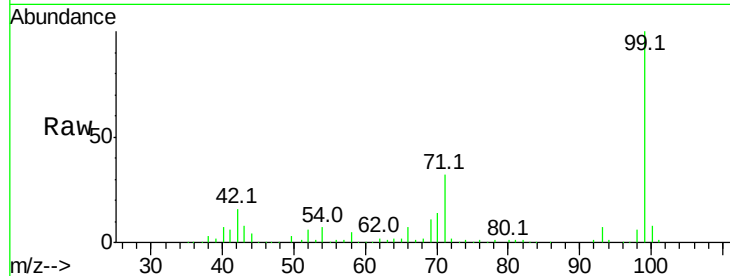
Tot Ion: 99 Resp: 554772

Ion Ratio Lower Upper

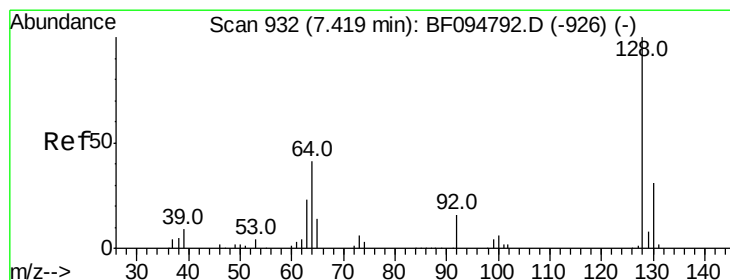
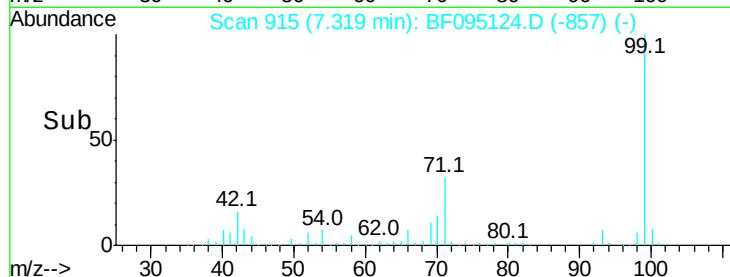
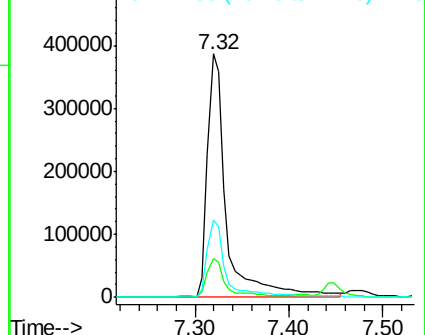
99 100

42 16.1 13.5 20.3

71 31.5 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: 42.44 ng

RT: 7.47 min Scan# 941

Delta R.T. 0.05 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

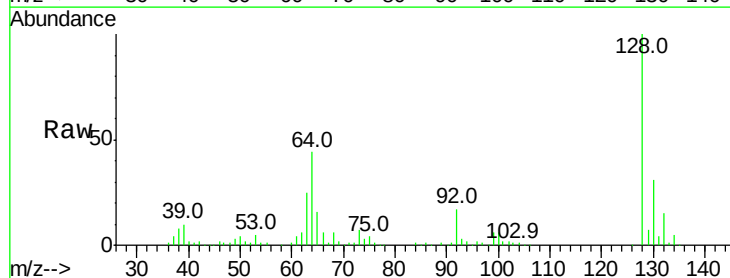
Tgt Ion: 128 Resp: 275733

Ion Ratio Lower Upper

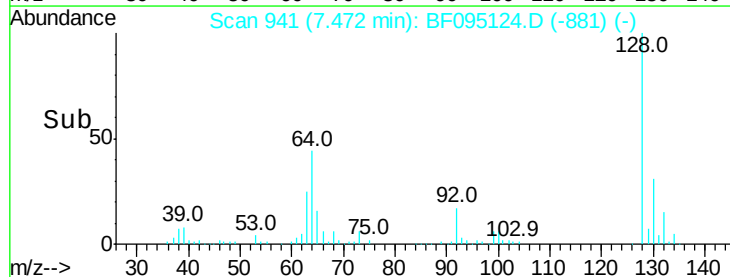
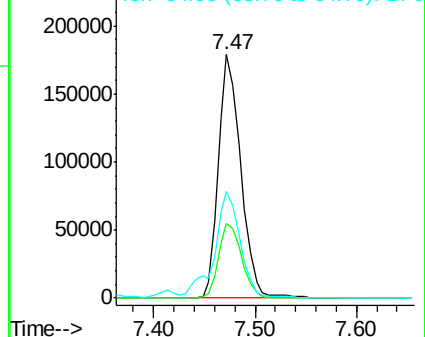
128 100

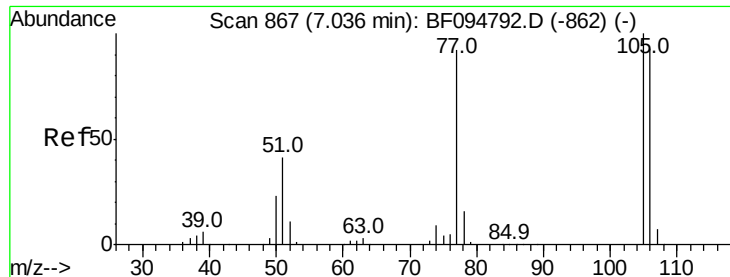
130 30.8 12.9 52.9

64 44.1 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: 36.66 ng

RT: 7.11 min Scan# 879

Delta R.T. 0.07 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampleId :

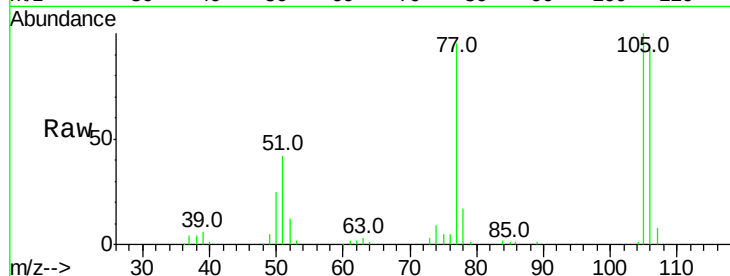
Tot Ion: 77 Resp: 153326

Ion Ratio Lower Upper

77 100

105 104.8 83.8 123.8

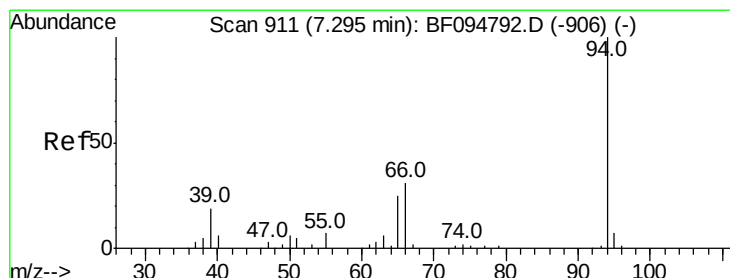
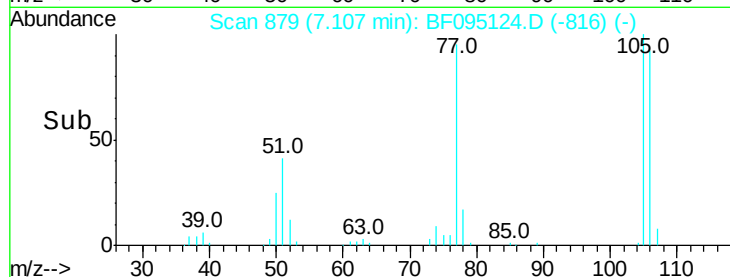
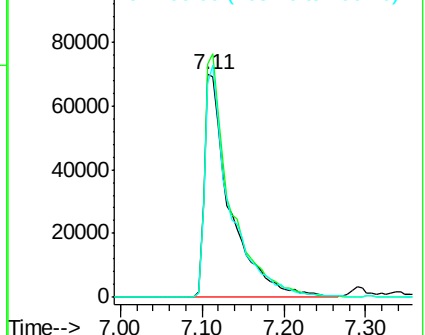
106 96.5 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.62 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

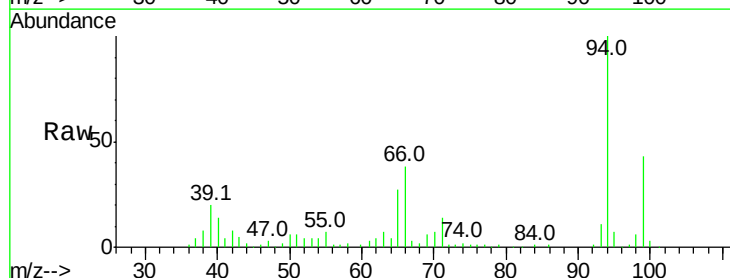
Tgt Ion: 94 Resp: 264307

Ion Ratio Lower Upper

94 100

65 26.6 9.9 49.9

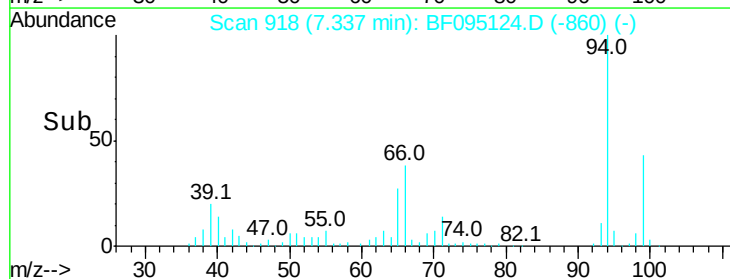
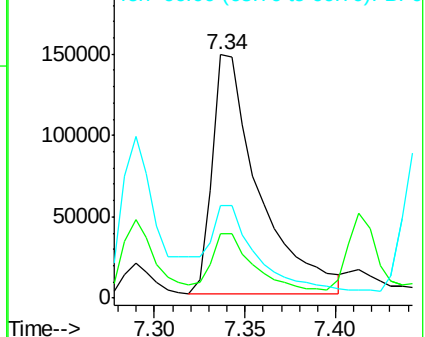
66 38.3 23.1 63.1

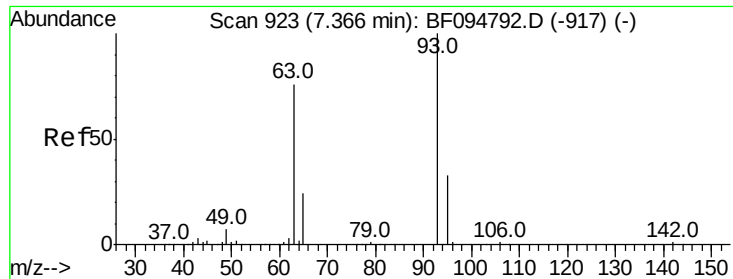


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.33 ng

RT: 7.41 min Scan# 931

Delta R.T. 0.05 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampleId :

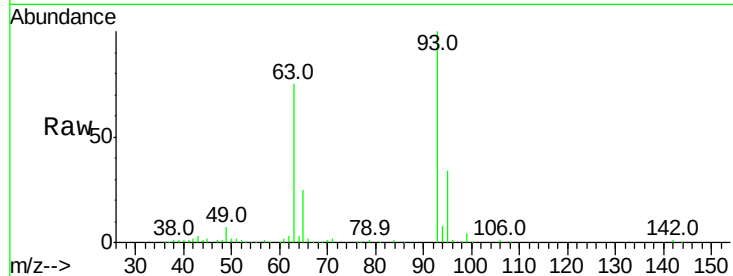
Tot Ion: 93 Resp: 240263

Ion Ratio Lower Upper

93 100

63 75.1 59.2 99.2

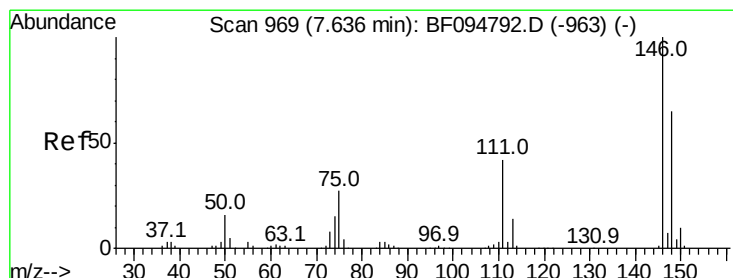
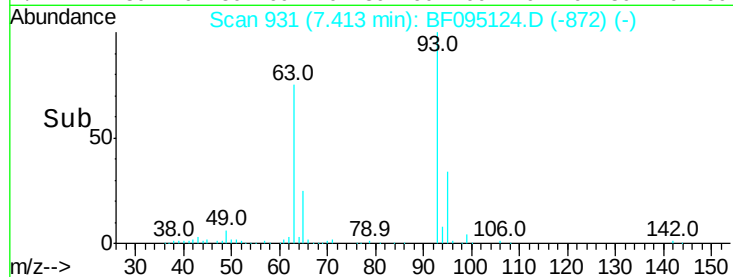
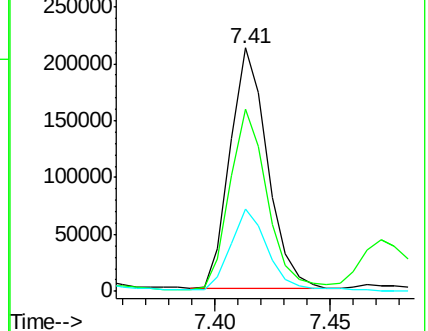
95 33.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.85 ng

RT: 7.68 min Scan# 977

Delta R.T. 0.05 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

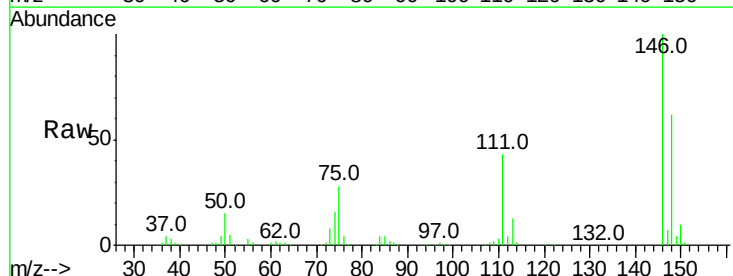
Tgt Ion: 146 Resp: 301022

Ion Ratio Lower Upper

146 100

148 62.3 51.8 77.6

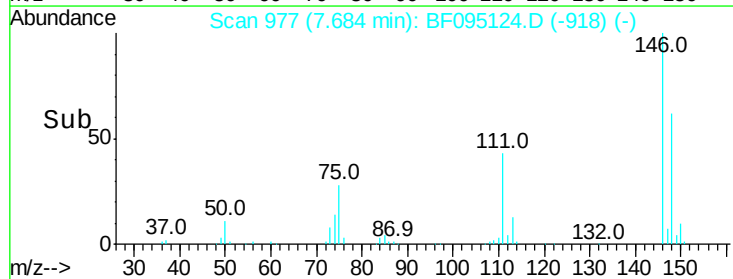
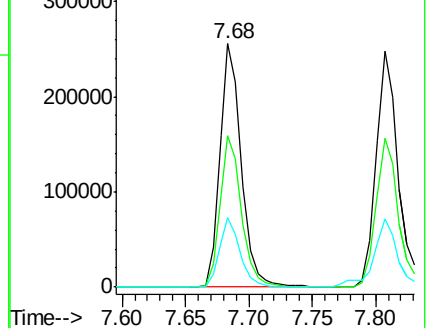
75 28.4 23.1 34.7

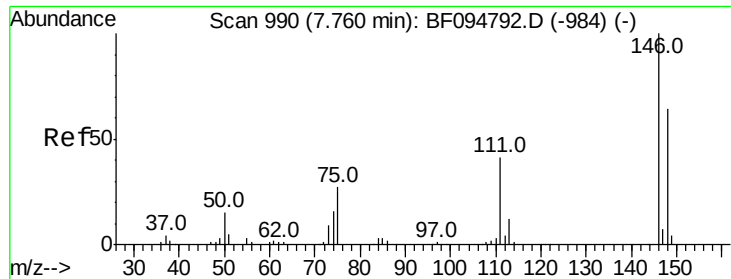


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

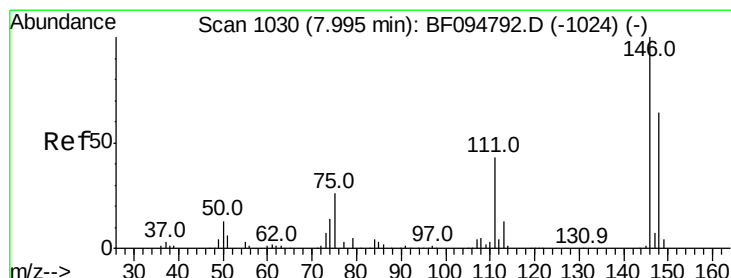
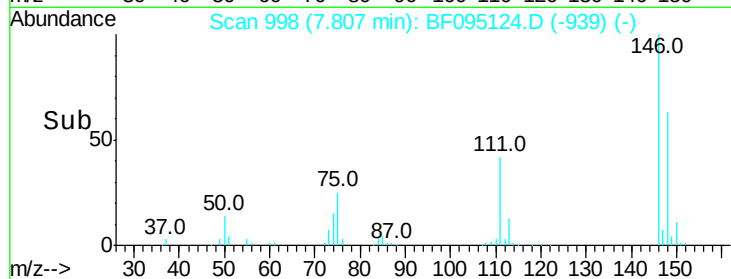
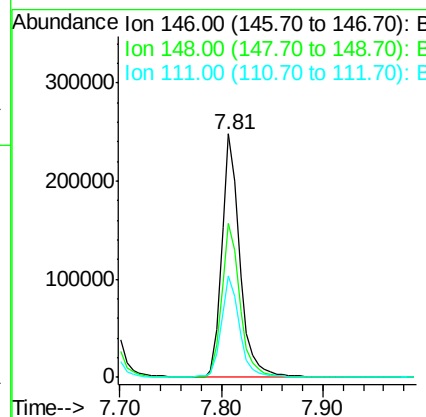
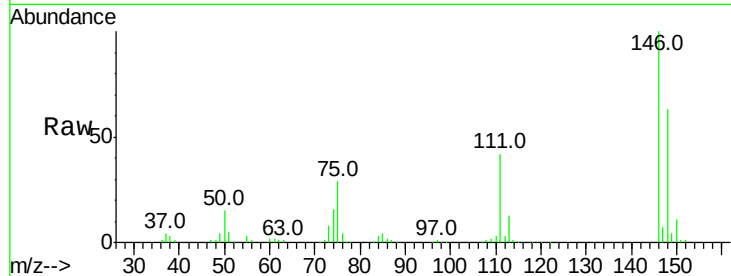




#13
 1,4-Dichlorobenzene
 Concen: 40.73 ng
 RT: 7.81 min Scan# 998
 Delta R.T. 0.05 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

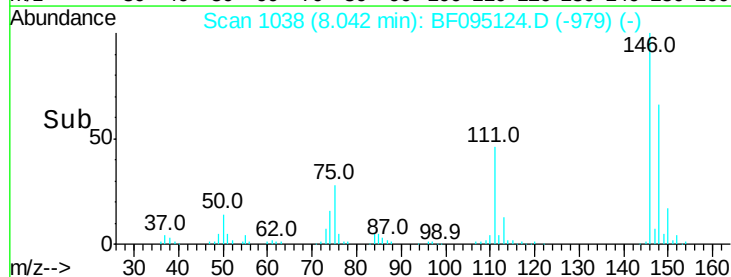
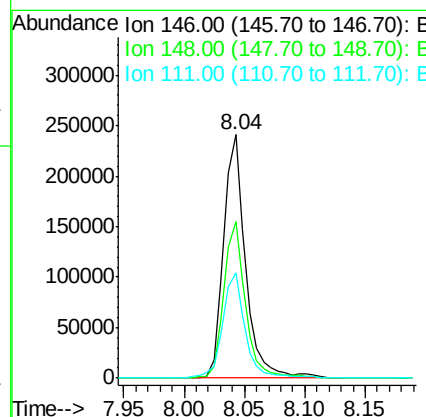
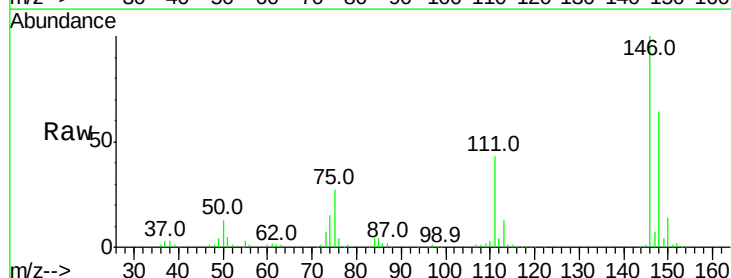
Instrument :
 BNA_F
 ClientSampleId :

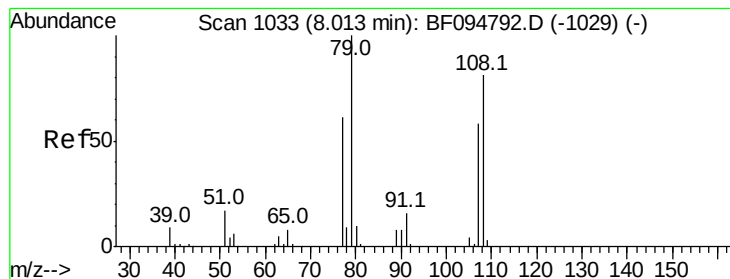
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.2
111	41.7	30.3	45.5



#14
 1,2-Dichlorobenzene
 Concen: 43.00 ng
 RT: 8.04 min Scan# 1038
 Delta R.T. 0.05 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
111	43.2	38.2	57.4





#15

Benzyl Alcohol

Concen: 44.94 ng

RT: 8.07 min Scan# 1042

Delta R.T. 0.05 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampleId :

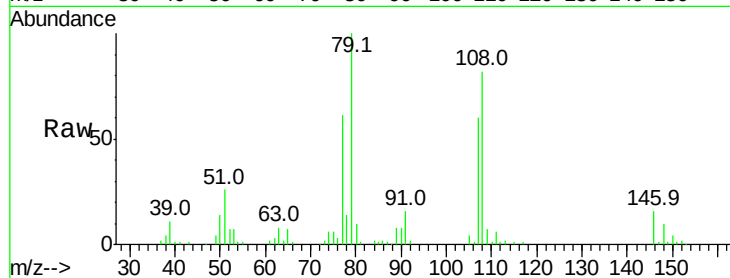
Tot Ion: 79 Resp: 197973

Ion Ratio Lower Upper

79 100

108 81.7 63.4 95.0

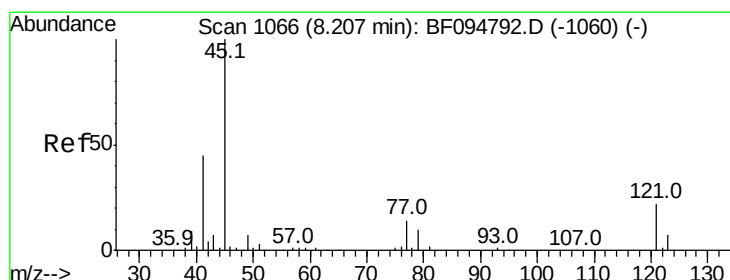
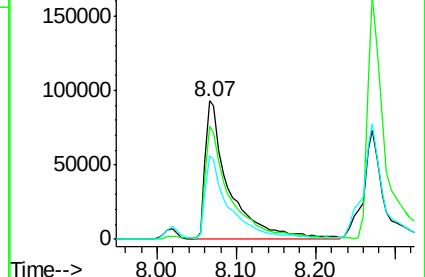
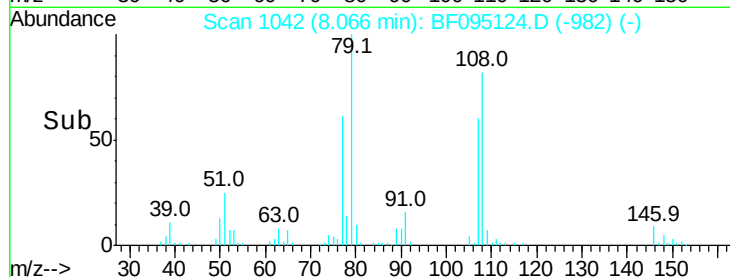
77 60.7 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.72 ng

RT: 8.25 min Scan# 1074

Delta R.T. 0.05 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

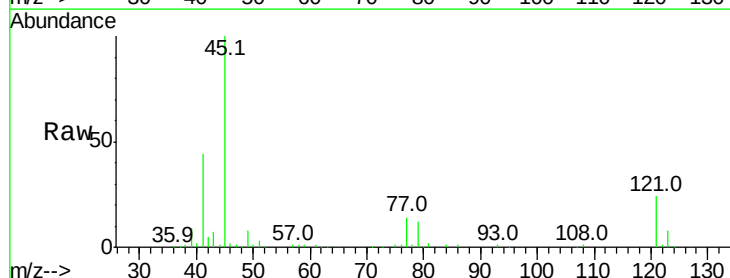
Tgt Ion: 45 Resp: 326468

Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.2

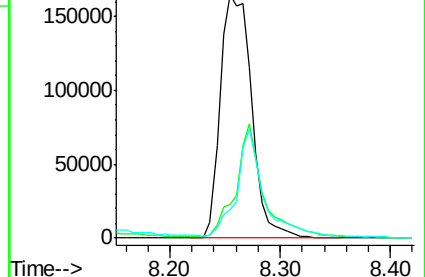
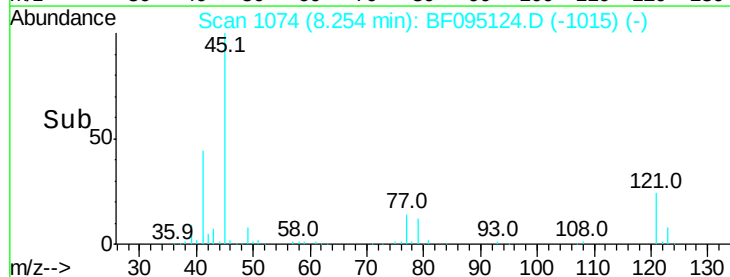
79 11.7 0.0 30.0

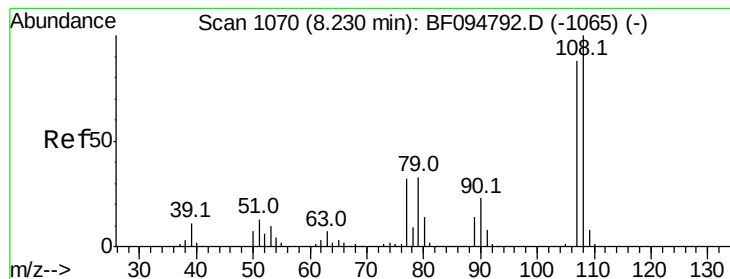


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

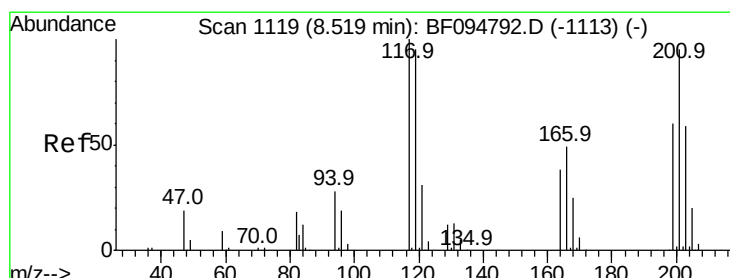
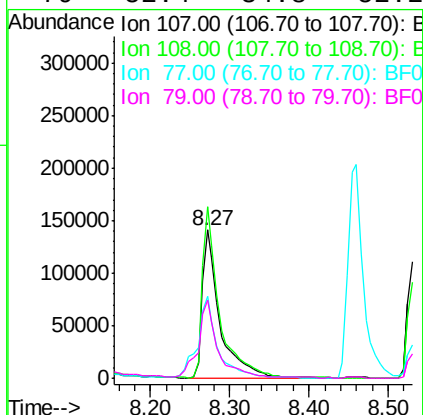
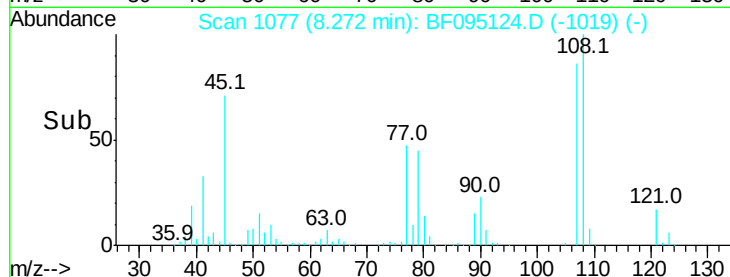
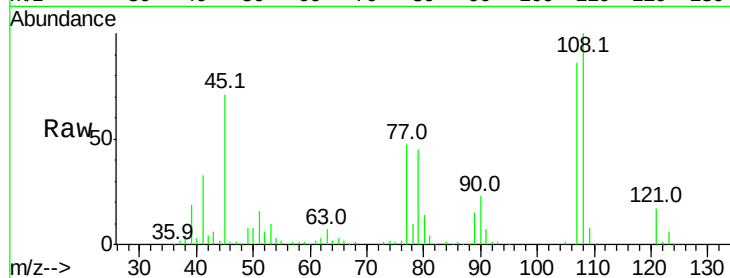




#17
 2-Methylphenol
 Concen: 41.16 ng
 RT: 8.27 min Scan# 1077
 Delta R.T. 0.04 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

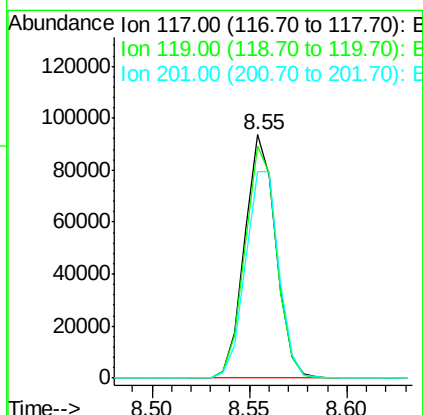
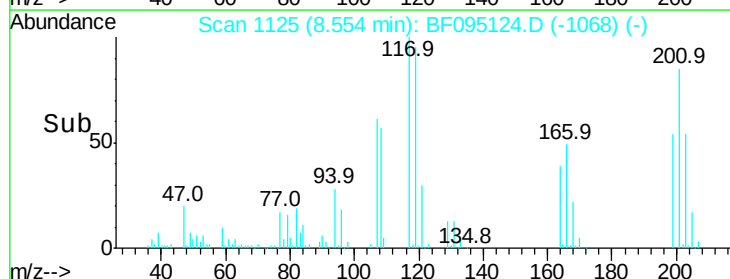
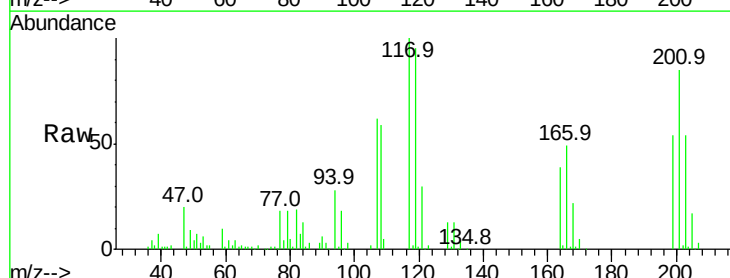
Instrument :
 BNA_F
 ClientSampleId :

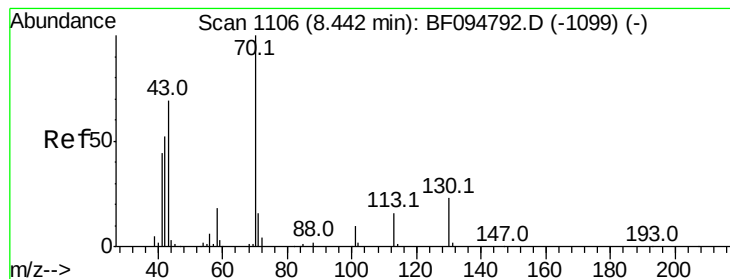
Tot Ion:	107	Resp:	218809
Ion	Ratio	Lower	Upper
107	100		
108	116.1	93.4	140.0
77	55.0	35.8	53.6#
79	52.4	34.8	52.2#



#18
 Hexachloroethane
 Concen: 40.96 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.04 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Tgt Ion:	117	Resp:	103693
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.0
201	85.0	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 40.64 ng

RT: 8.48 min Scan# 1113

Delta R.T. 0.04 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 188224

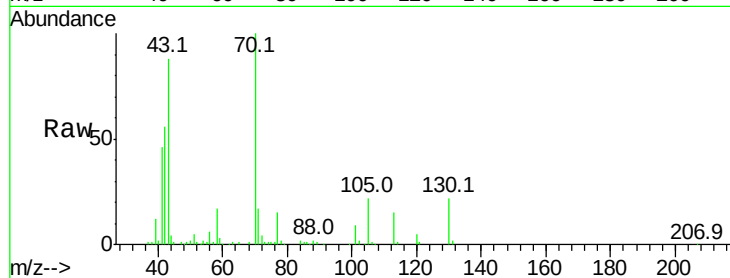
Ion Ratio Lower Upper

70 100

42 56.2 47.2 70.8

101 9.3 7.2 10.8

130 22.2 15.9 23.9

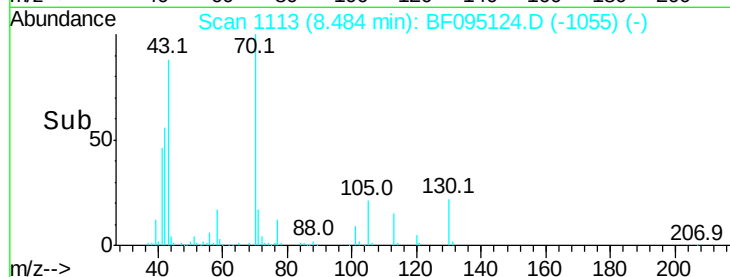
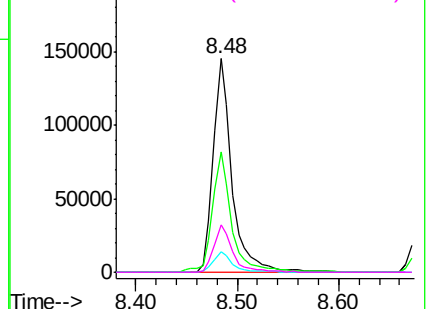


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 41.01 ng

RT: 8.54 min Scan# 1122

Delta R.T. 0.05 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Tgt Ion:107 Resp: 296271

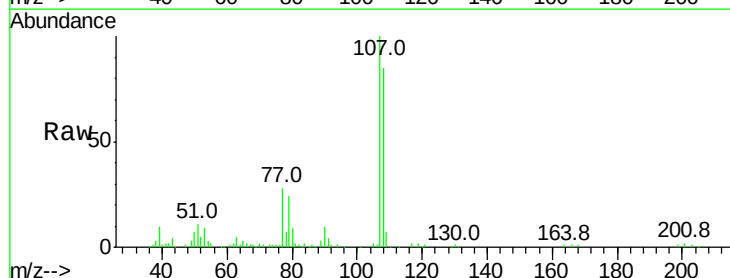
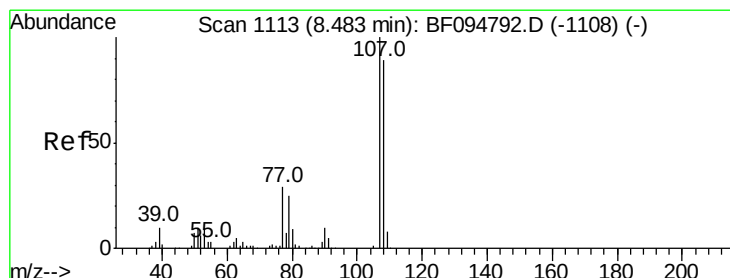
Ion Ratio Lower Upper

107 100

108 85.0 71.0 111.0

77 27.6 90.5 130.5#

79 23.6 8.4 48.4

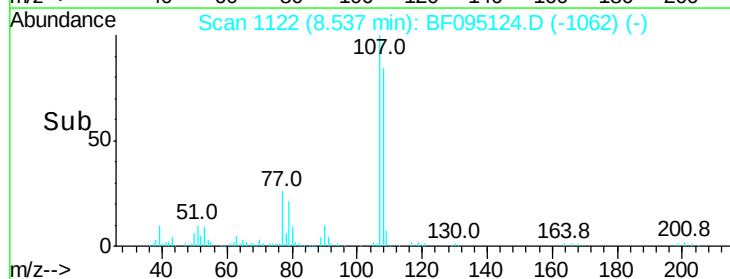
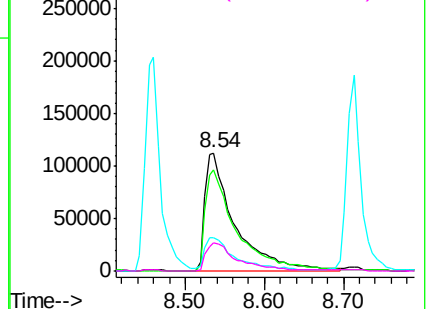


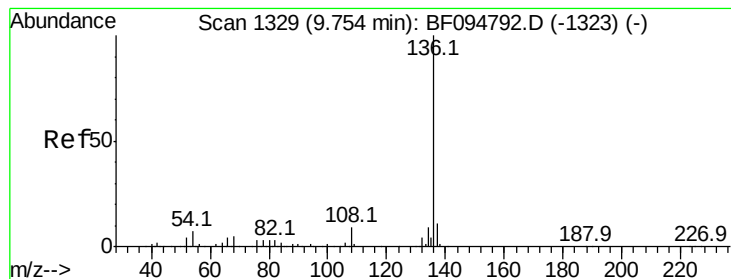
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.80 min Scan# 1336

Delta R.T. 0.04 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 391571

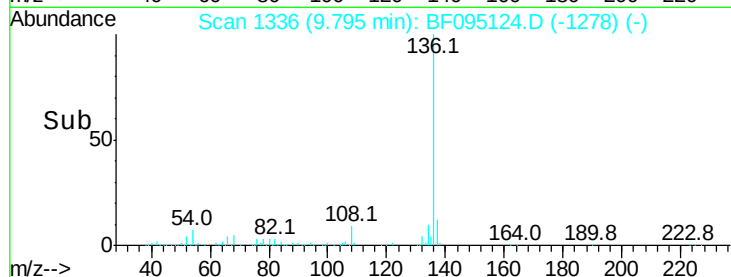
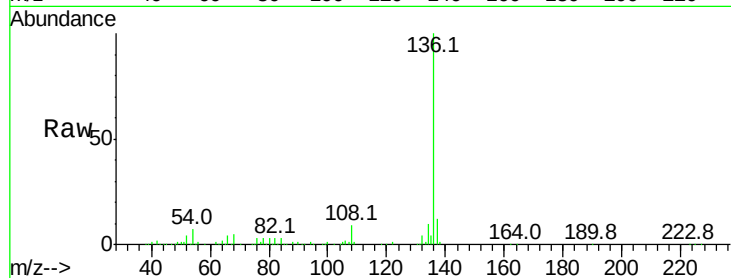
Ion Ratio Lower Upper

136 100

137 11.7 8.5 12.7

54 7.1 4.9 7.3

68 5.3 4.1 6.1



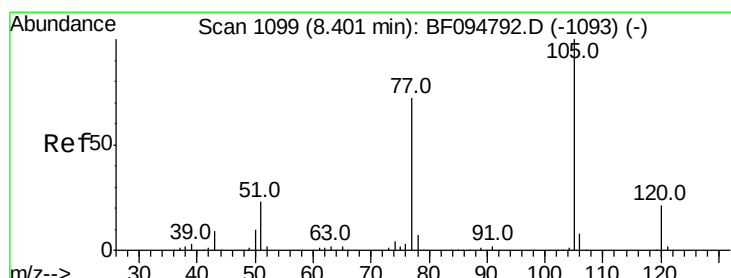
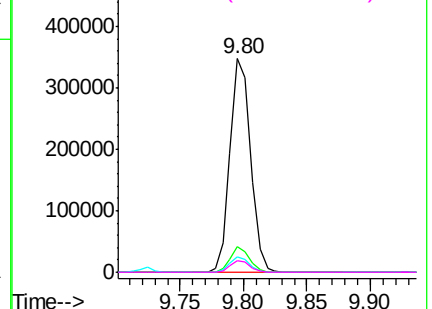
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.17 ng

RT: 8.46 min Scan# 1109

Delta R.T. 0.06 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Tgt Ion:105 Resp: 386755

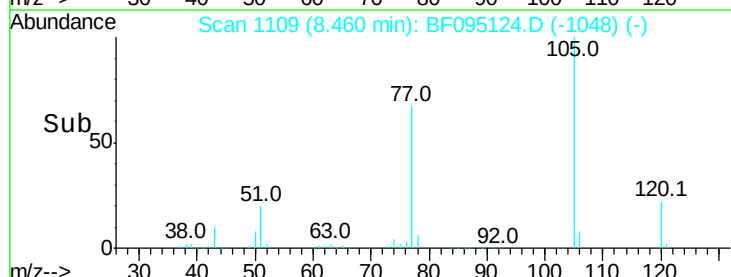
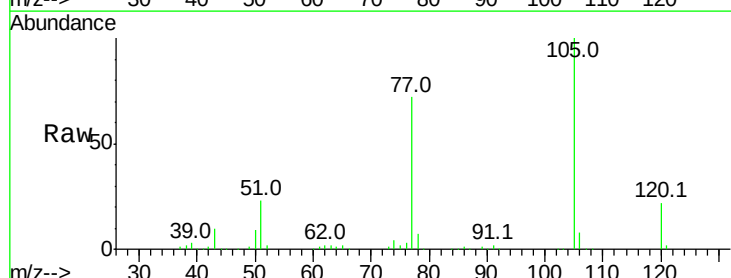
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.6 30.7 46.1#

120 22.4 17.4 26.0



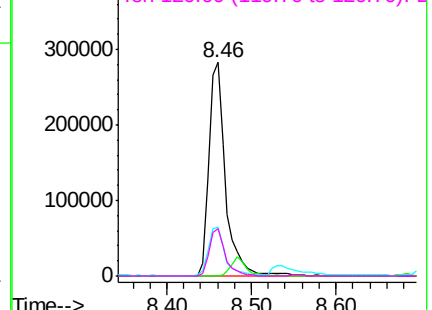
Abundance

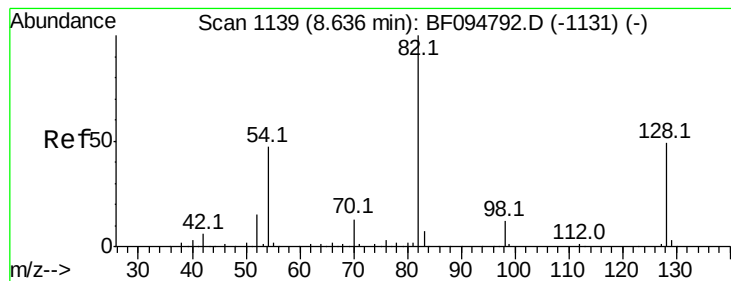
Ion 105.00 (104.70 to 105.70): E

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: 71.52 ng

RT: 8.68 min Scan# 1147

Delta R.T. 0.05 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampleId :

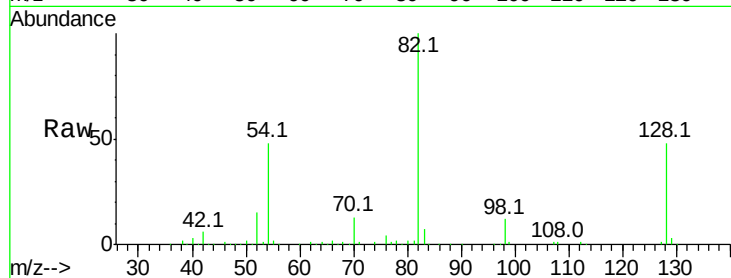
Tot Ion: 82 Resp: 444113

Ion Ratio Lower Upper

82 100

128 47.7 34.0 51.0

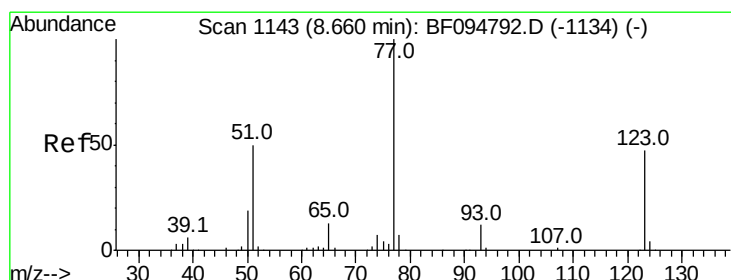
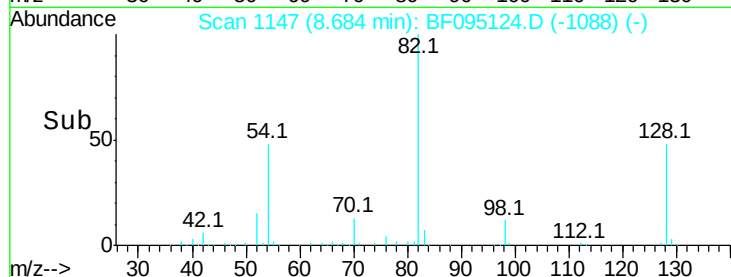
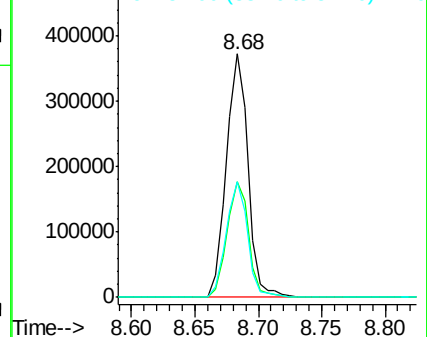
54 47.6 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 35.46 ng

RT: 8.71 min Scan# 1152

Delta R.T. 0.05 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

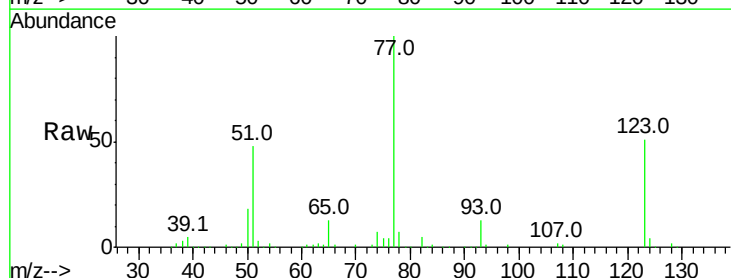
Tgt Ion: 77 Resp: 230798

Ion Ratio Lower Upper

77 100

123 51.5 35.8 53.8

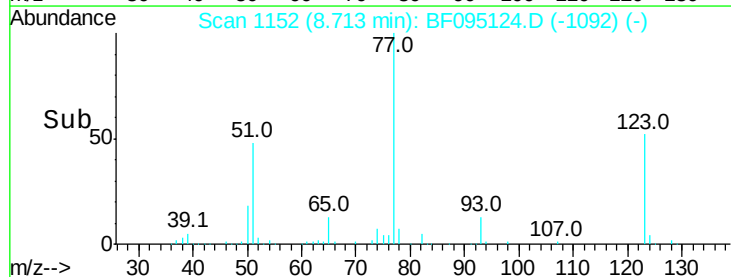
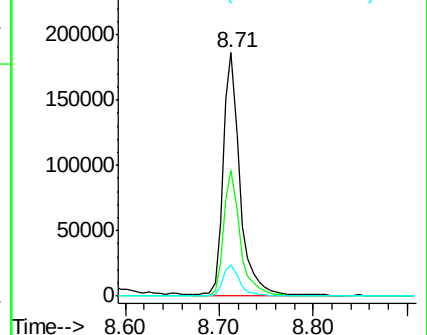
65 12.7 10.6 15.8

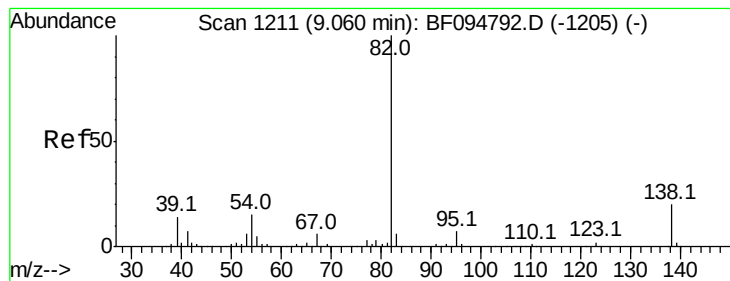


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.73 ng

RT: 9.12 min Scan# 1221

Delta R.T. 0.06 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampleId :

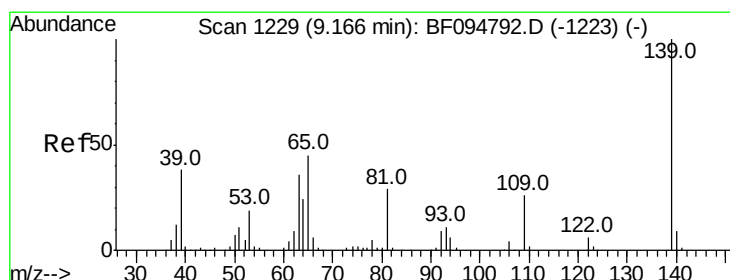
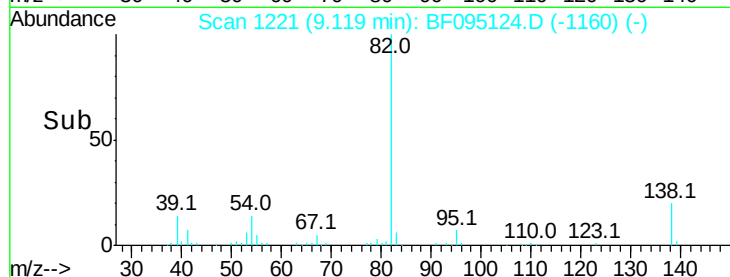
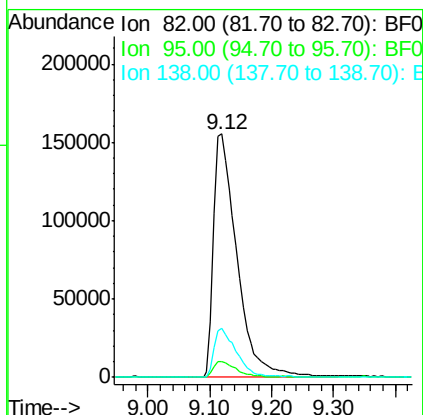
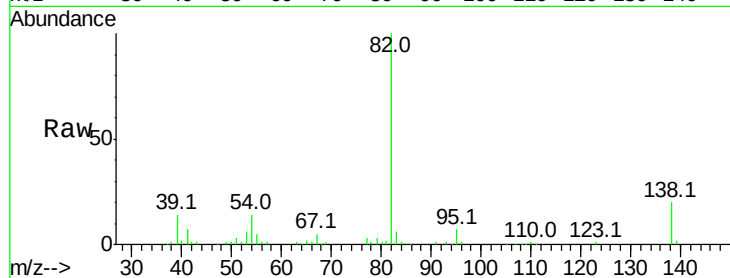
Tot Ion: 82 Resp: 407315

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 20.0 13.1 19.7#



#26

2-Nitrophenol

Concen: 37.86 ng

RT: 9.22 min Scan# 1238

Delta R.T. 0.05 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

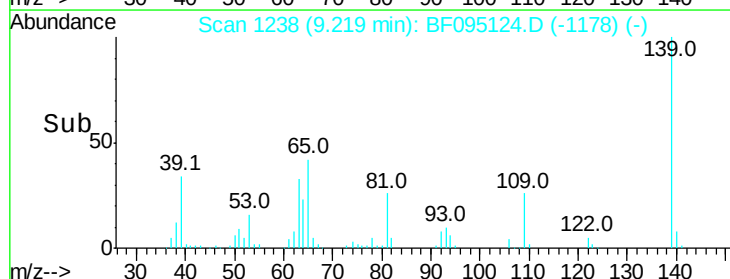
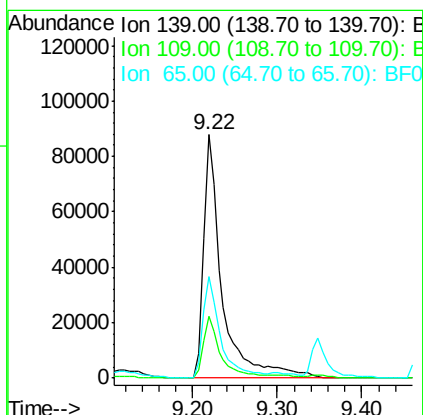
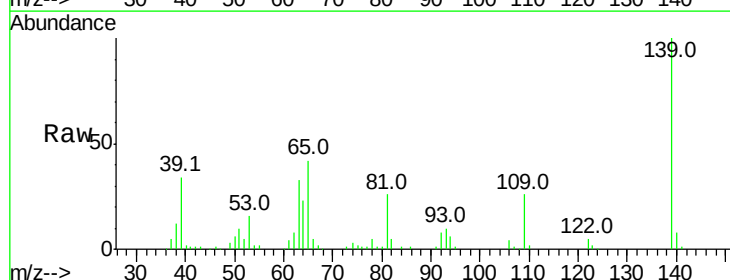
Tgt Ion:139 Resp: 132978

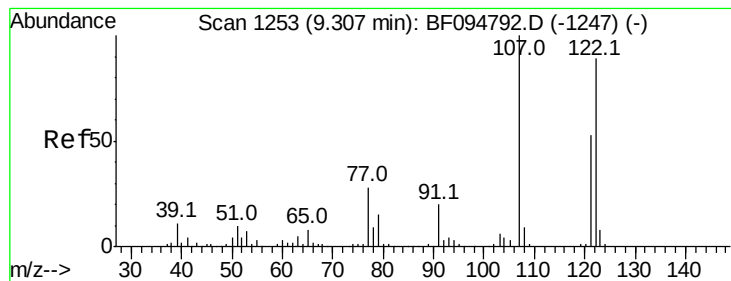
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.6

65 41.7 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 37.02 ng

RT: 9.35 min Scan# 1260

Delta R.T. 0.04 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :
BNA_F
ClientSampled :

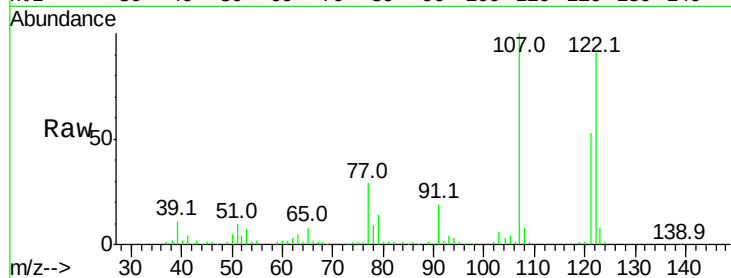
Tot Ion:122 Resp: 210187

Ion Ratio Lower Upper

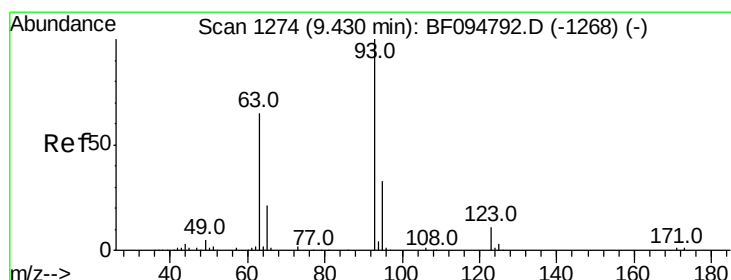
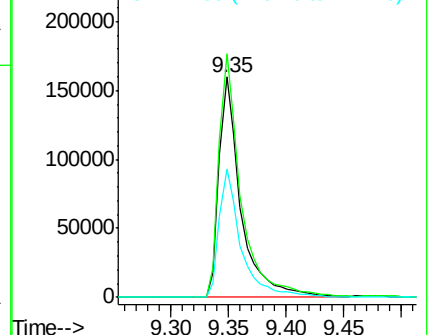
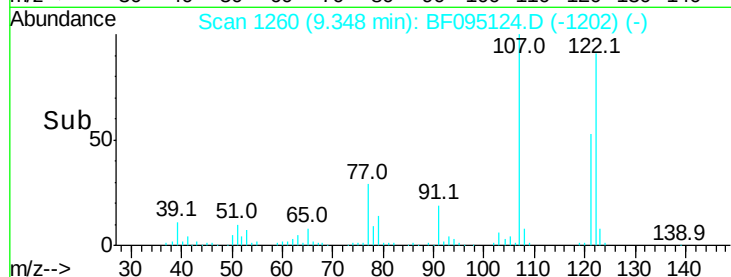
122 100

107 110.5 89.2 133.8

121 58.5 45.2 67.8



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



#28

bis(2-Chloroethoxy)methane

Concen: 37.95 ng

RT: 9.48 min Scan# 1282

Delta R.T. 0.05 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

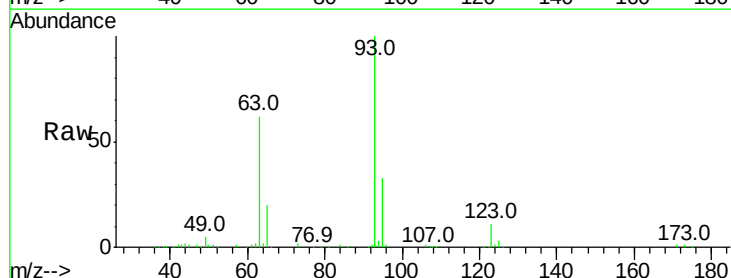
Tgt Ion: 93 Resp: 291125

Ion Ratio Lower Upper

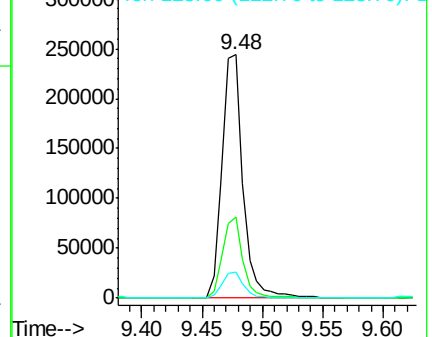
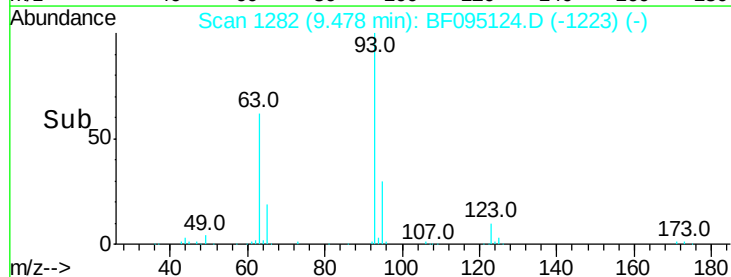
93 100

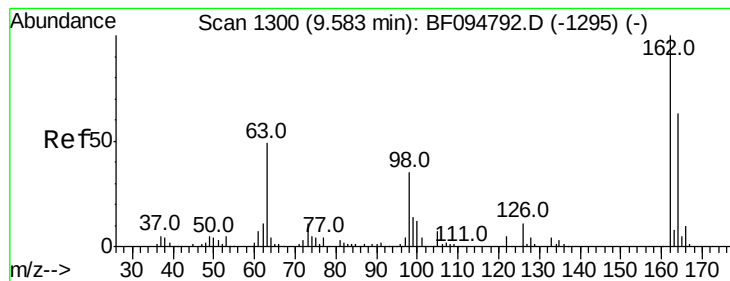
95 33.4 26.5 39.7

123 10.9 9.0 13.4



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





#29

2,4-Dichlorophenol

Concen: 37.97 ng

RT: 9.64 min Scan# 1310

Delta R.T. 0.06 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampled :

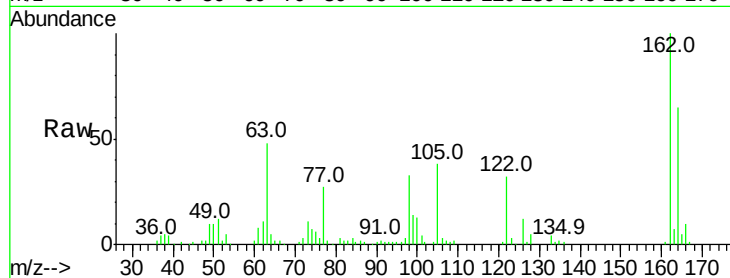
Tot Ion:162 Resp: 203588

Ion Ratio Lower Upper

162 100

164 65.3 44.6 84.6

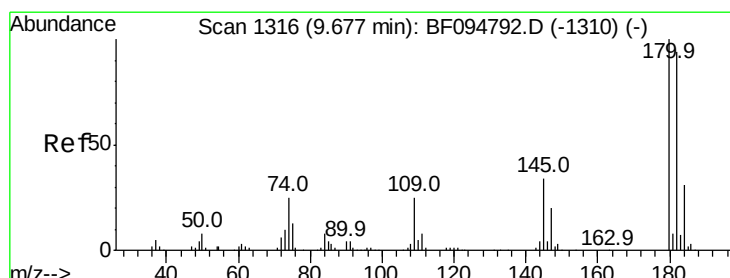
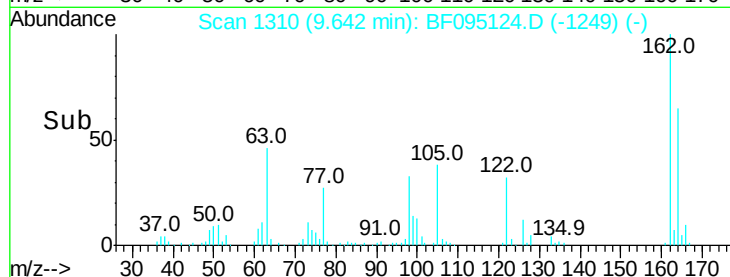
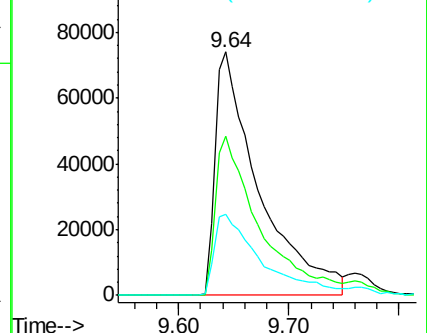
98 33.3 14.8 54.8



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: 39.95 ng

RT: 9.72 min Scan# 1324

Delta R.T. 0.05 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

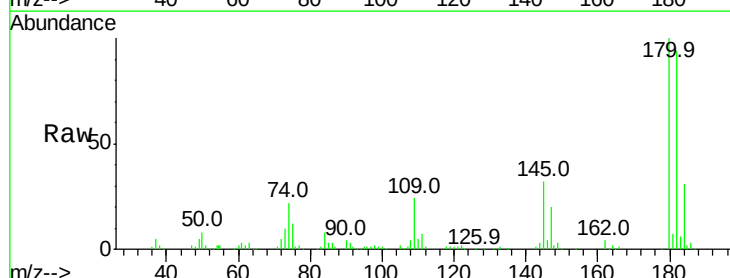
Tgt Ion:180 Resp: 229464

Ion Ratio Lower Upper

180 100

182 93.7 75.8 113.6

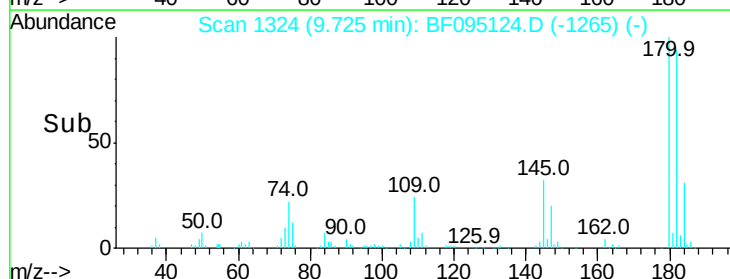
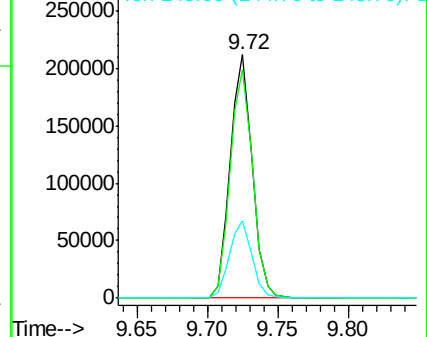
145 31.9 25.3 37.9

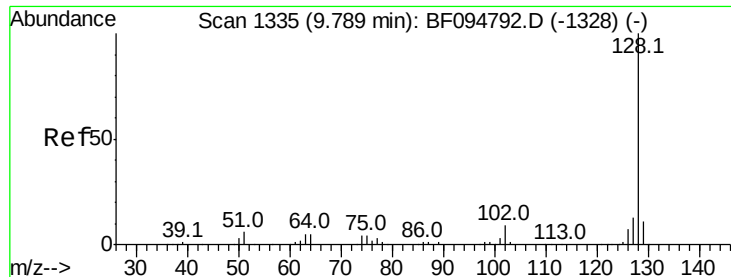


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

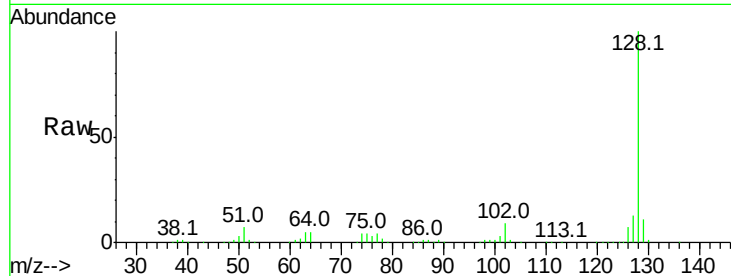




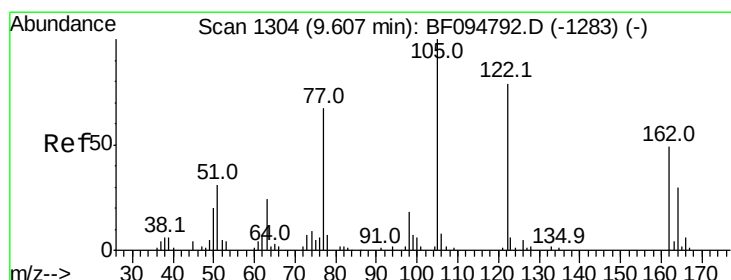
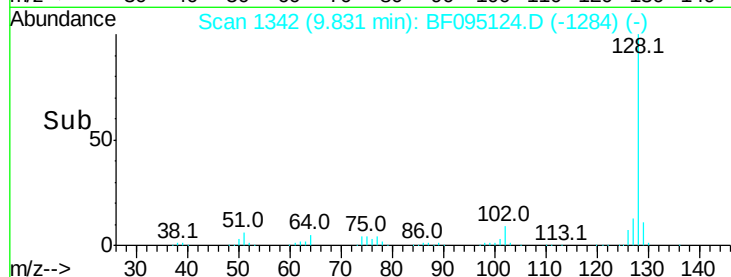
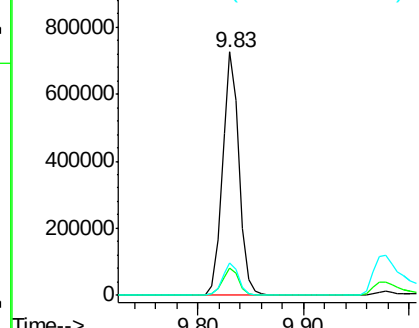
#31
Naphthalene
Concen: 40.64 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.04 min
Lab File: BF095124.D
Acq: 15 May 2017 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 799746
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 10.8 16.2

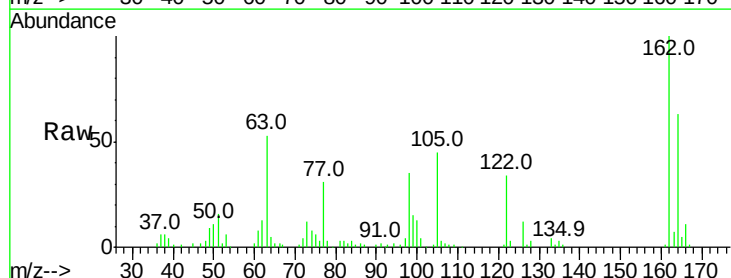


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

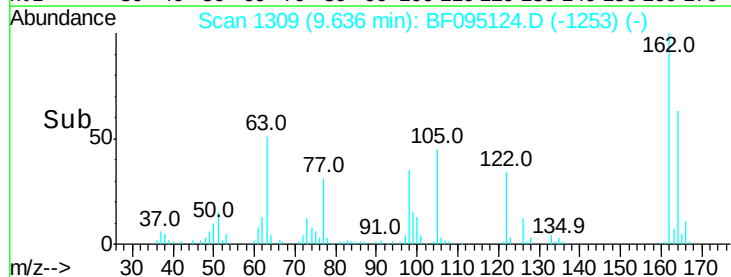
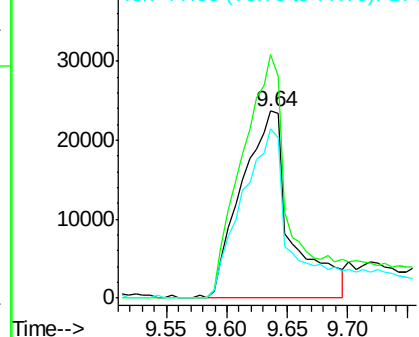


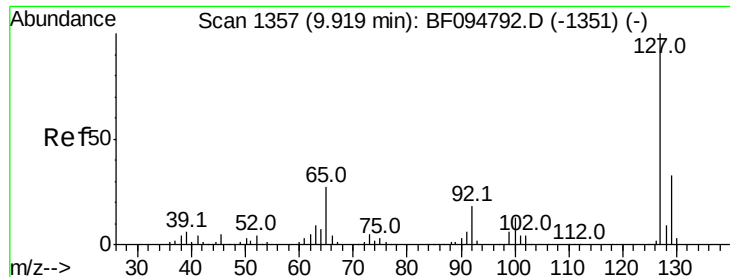
#32
Benzoic acid
Concen: 21.47 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.03 min
Lab File: BF095124.D
Acq: 15 May 2017 14:13

Tgt Ion:122 Resp: 68329
Ion Ratio Lower Upper
122 100
105 130.4 103.3 143.3
77 90.6 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

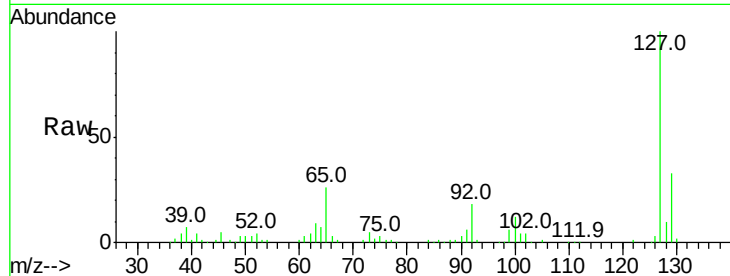




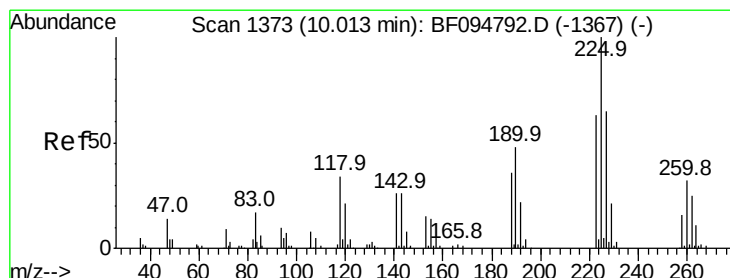
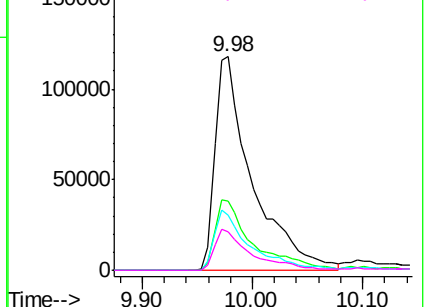
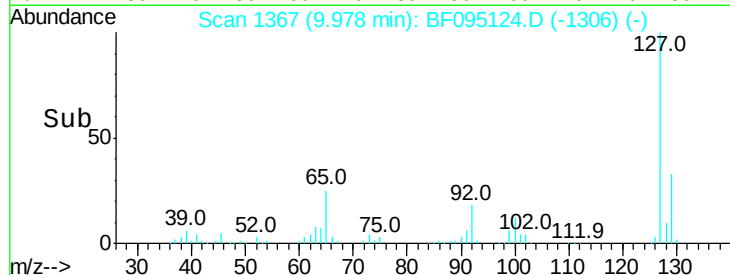
#33
 4-Chloroaniline
 Concen: 37.43 ng
 RT: 9.98 min Scan# 1367
 Delta R.T. 0.06 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	274535
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	25.7	27.8	41.8#
92	18.0	16.8	25.2

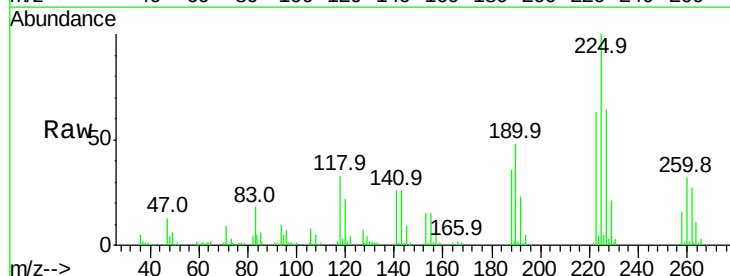


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

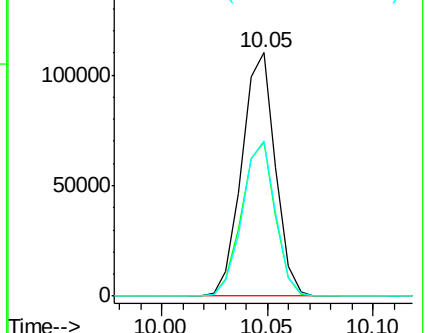
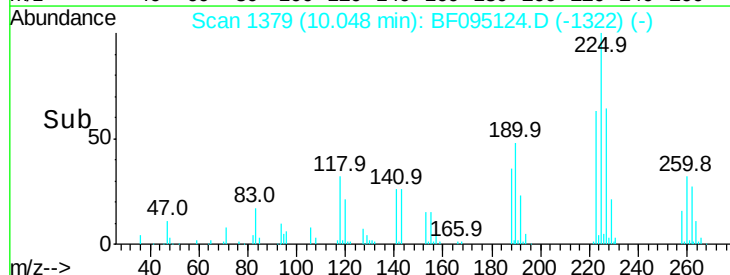


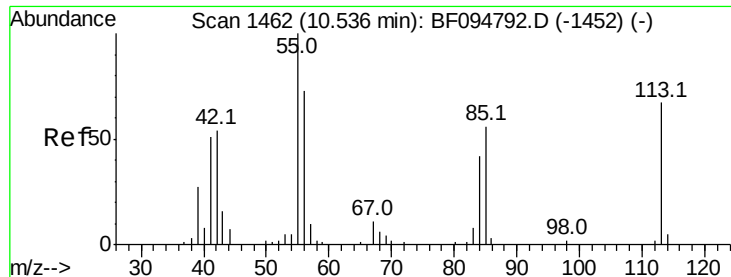
#34
 Hexachlorobutadiene
 Concen: 39.78 ng
 RT: 10.05 min Scan# 1379
 Delta R.T. 0.04 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Tgt Ion:	225	Resp:	120558
Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.8	73.2
227	63.7	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: 20.17 ng

RT: 10.60 min Scan# 1473

Delta R.T. 0.06 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampled :

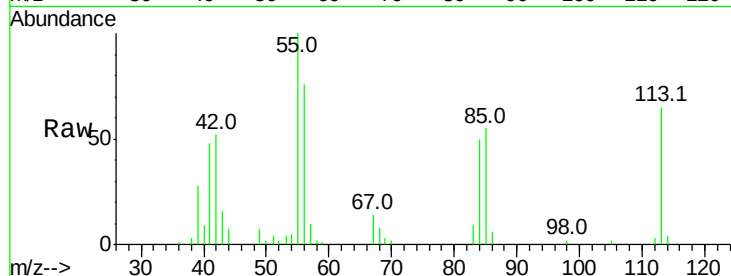
Tot Ion:113 Resp: 32468

Ion Ratio Lower Upper

113 100

55 154.6 150.2 190.2

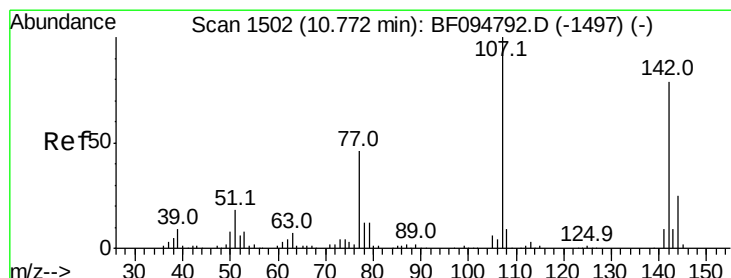
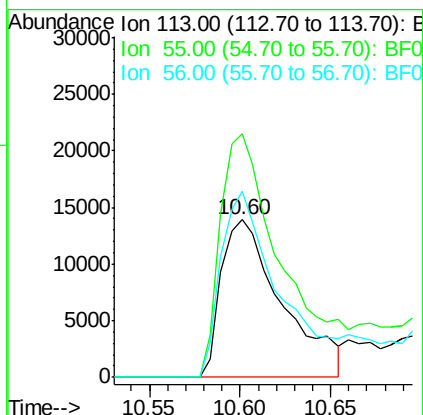
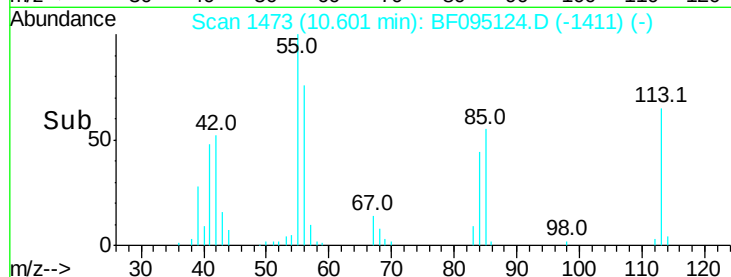
56 117.8 107.8 147.8



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: 40.95 ng

RT: 10.82 min Scan# 1510

Delta R.T. 0.05 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

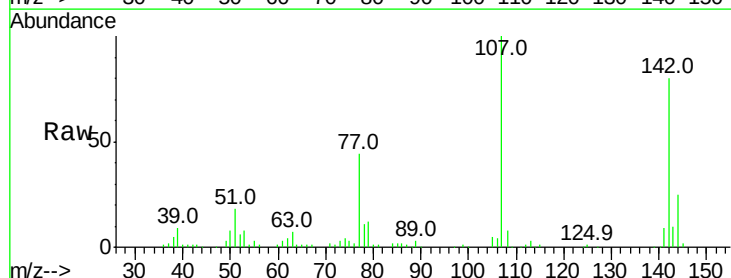
Tgt Ion:107 Resp: 234744

Ion Ratio Lower Upper

107 100

144 24.9 24.2 36.4

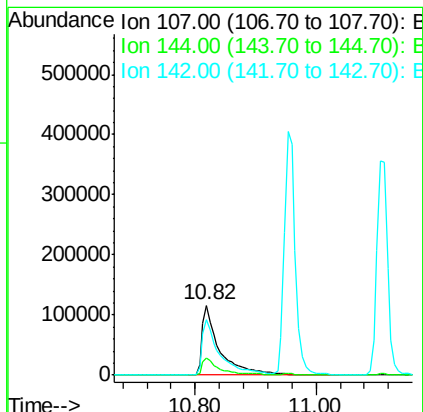
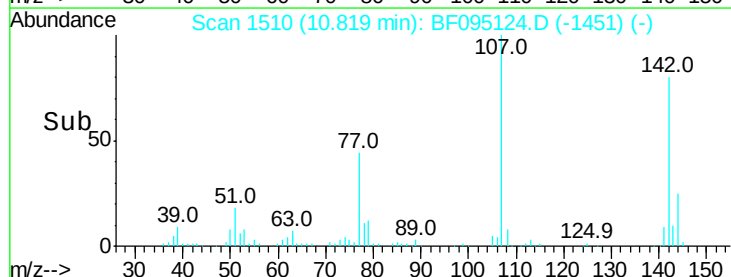
142 80.3 73.4 110.0

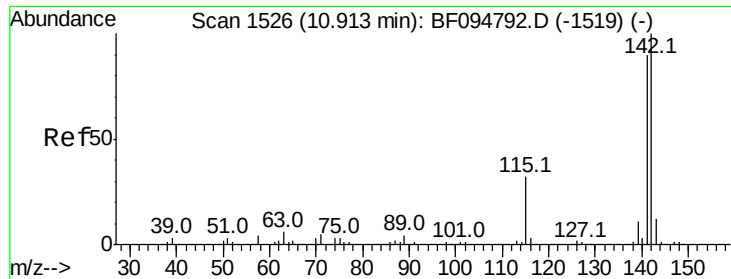


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

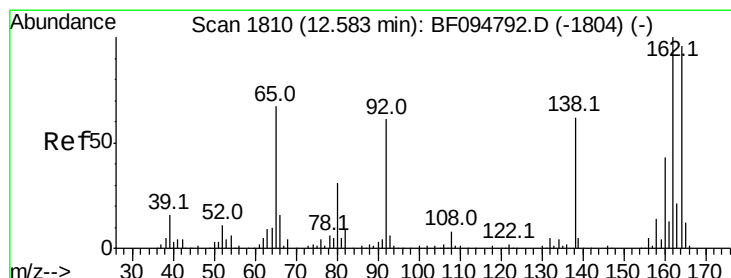
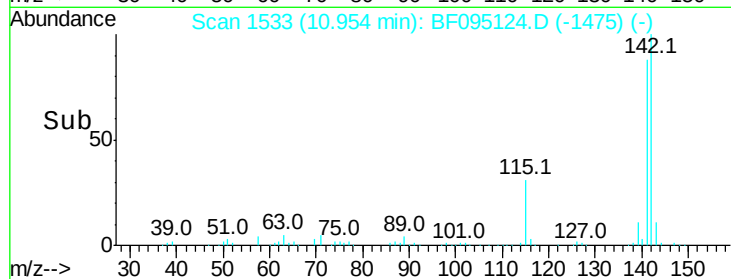
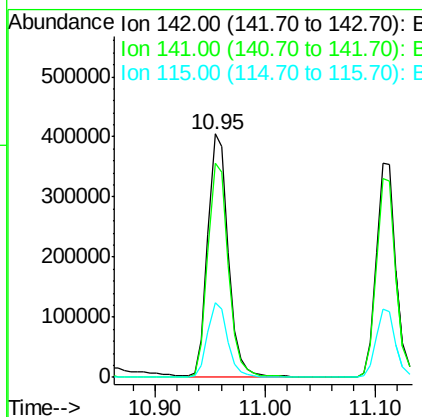
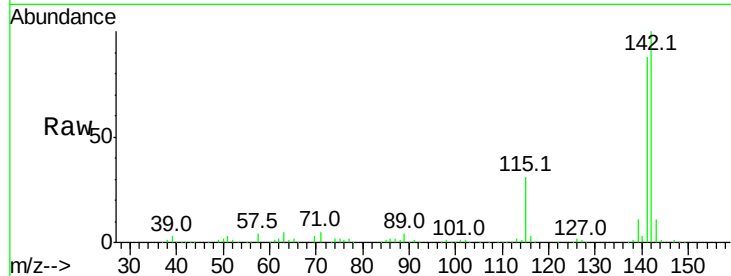




#37
 2-Methylnaphthalene
 Concen: 39.63 ng
 RT: 10.95 min Scan# 1533
 Delta R.T. 0.04 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

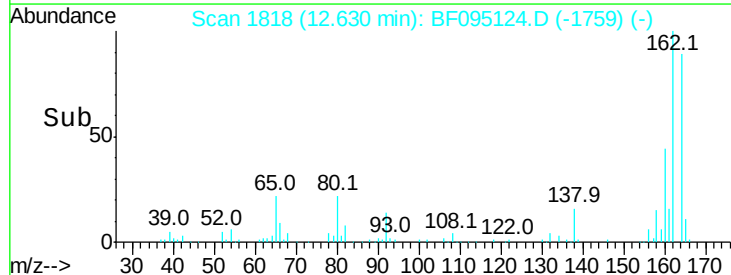
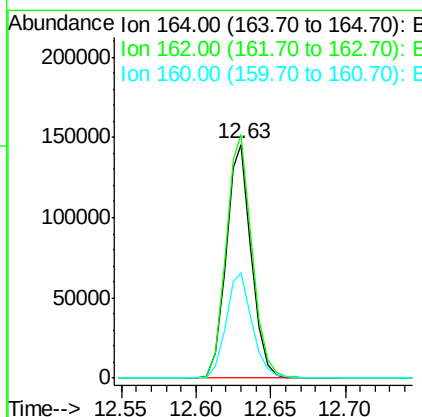
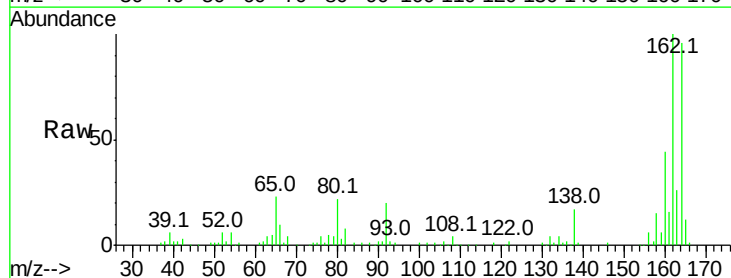
Instrument :
 BNA_F
 ClientSampleID :

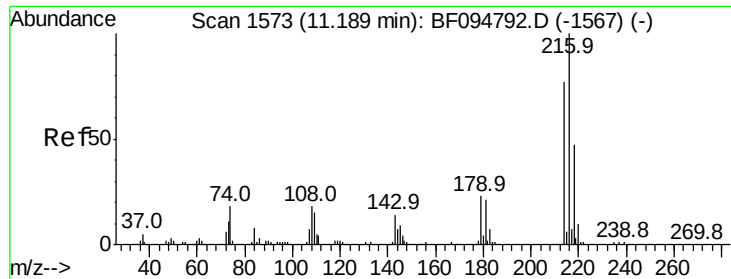
Tot Ion:142 Resp: 511860
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.3 106.9
 115 30.8 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.63 min Scan# 1818
 Delta R.T. 0.05 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Tgt Ion:164 Resp: 172038
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 45.3 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.17 ng

RT: 11.24 min Scan# 1581

Delta R.T. 0.05 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 207252

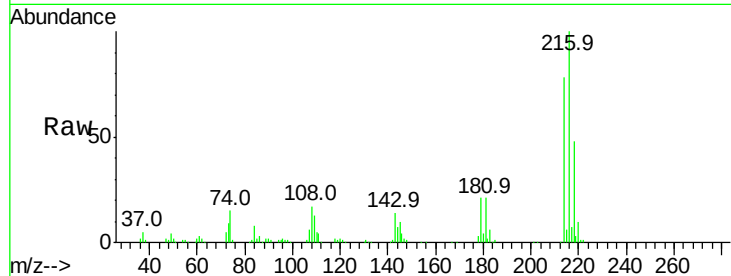
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.2

179 21.3 17.9 26.9

108 19.0 16.5 24.7

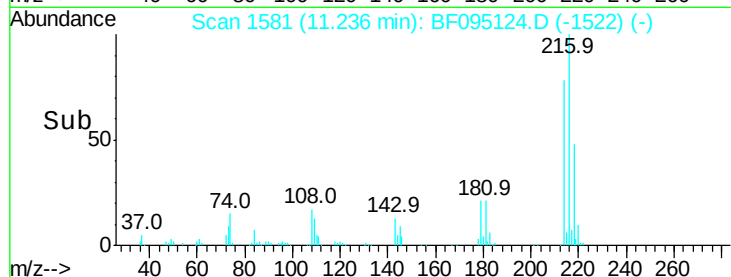


Abundance Ion 216.00 (215.70 to 216.70): E

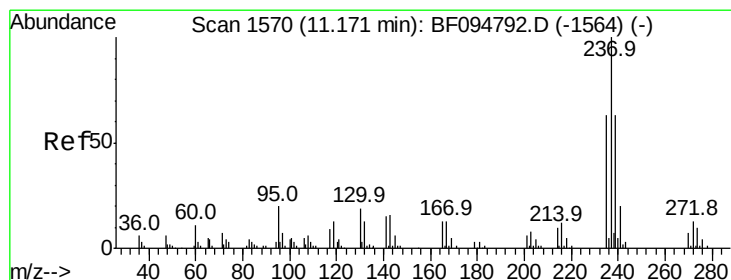
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 41.60 ng

RT: 11.21 min Scan# 1576

Delta R.T. 0.04 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

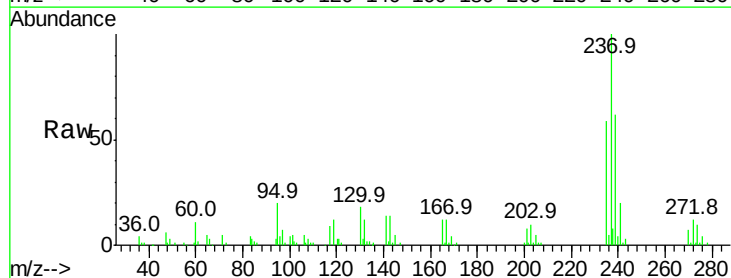
Tgt Ion:237 Resp: 85531

Ion Ratio Lower Upper

237 100

235 58.8 42.6 82.6

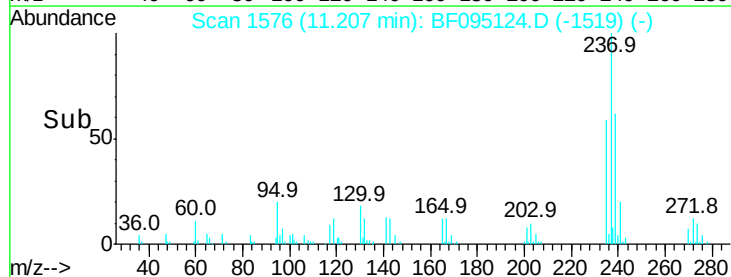
272 12.3 0.0 31.9



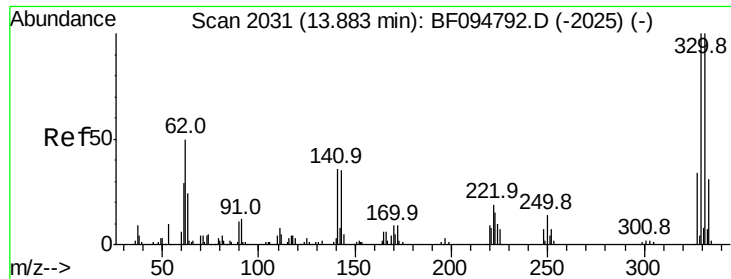
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



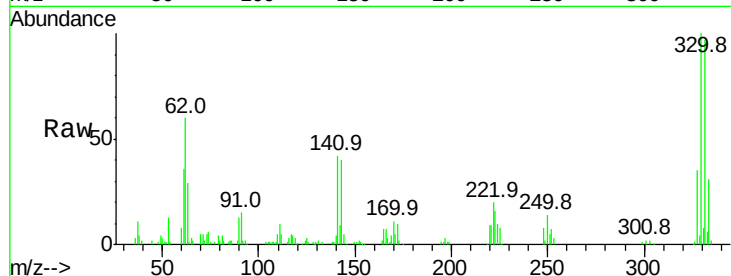
Time-->



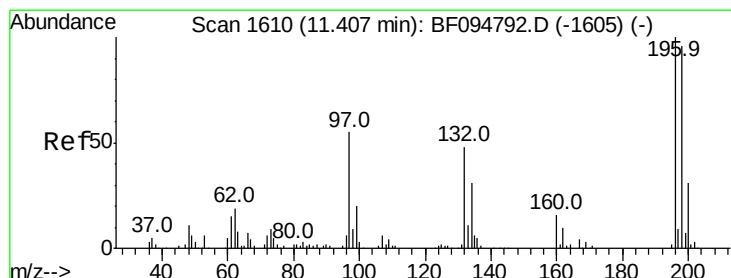
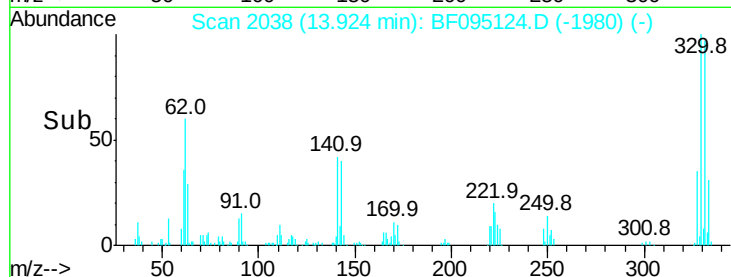
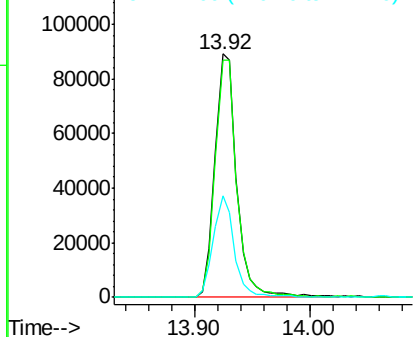
#41
 2,4,6-Tribromophenol
 Concen: 83.21 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 117241
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 40.5 31.4 47.2

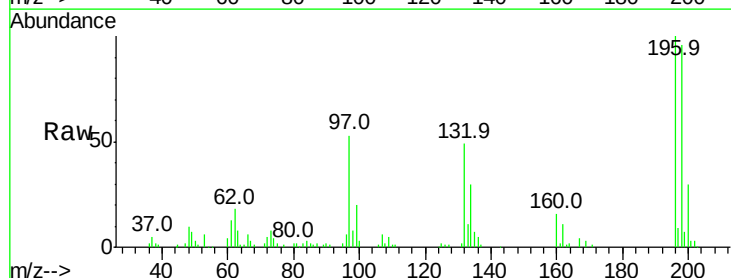


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

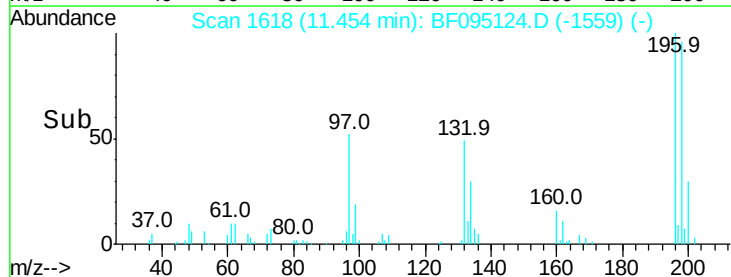
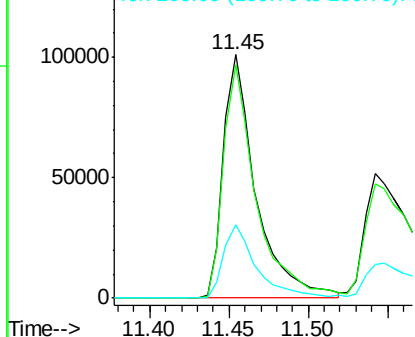


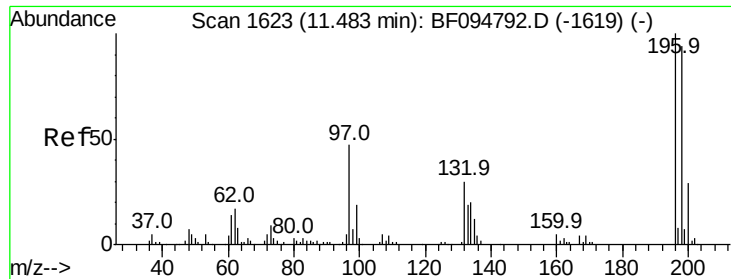
#42
 2,4,6-Trichlorophenol
 Concen: 40.90 ng
 RT: 11.45 min Scan# 1618
 Delta R.T. 0.05 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Tgt Ion:196 Resp: 144475
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.2 111.4
 200 30.1 24.0 36.0



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

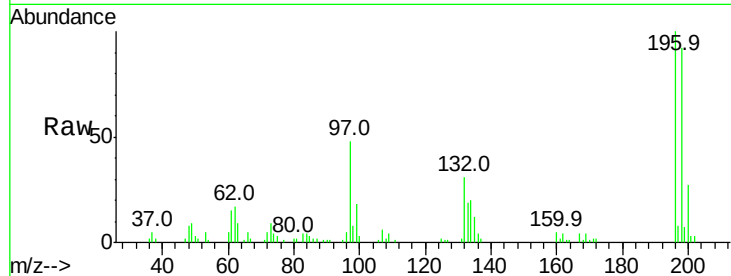




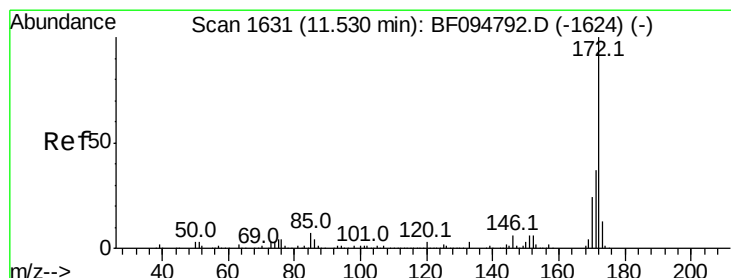
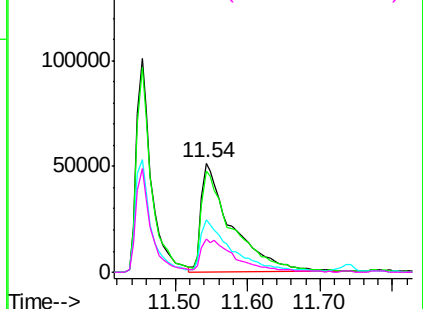
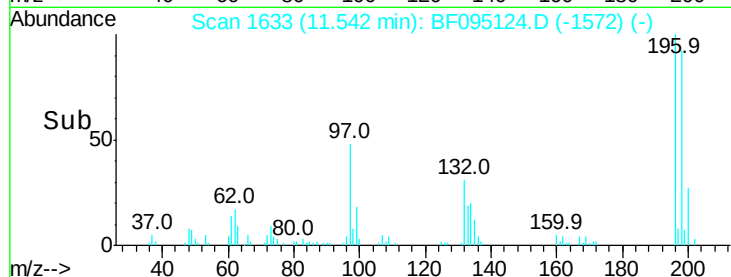
#43
 2,4,5-Trichlorophenol
 Concen: 39.38 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.06 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 149509
 Ion Ratio Lower Upper
 196 100
 198 92.1 75.7 113.5
 97 47.8 47.7 71.5
 132 31.0 28.0 42.0

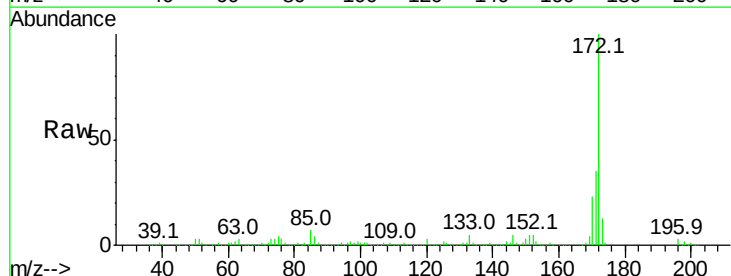


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

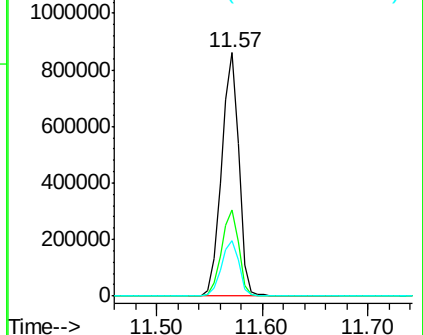
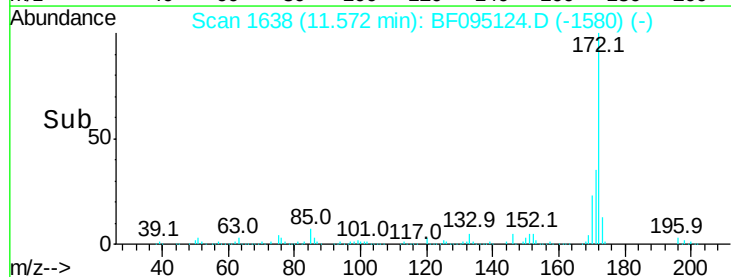


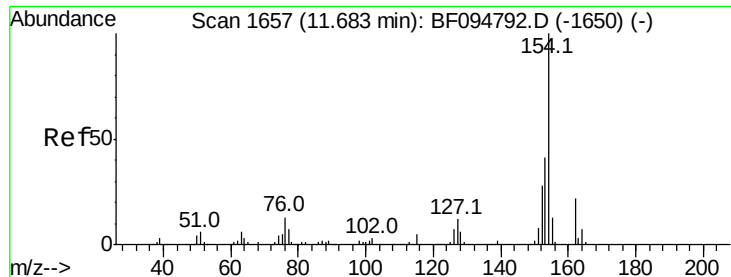
#44
 2-Fluorobiphenyl
 Concen: 82.80 ng
 RT: 11.57 min Scan# 1638
 Delta R.T. 0.04 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Tgt Ion:172 Resp: 989715
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 22.8 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 41.29 ng

RT: 11.72 min Scan# 1664

Delta R.T. 0.04 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampleId :

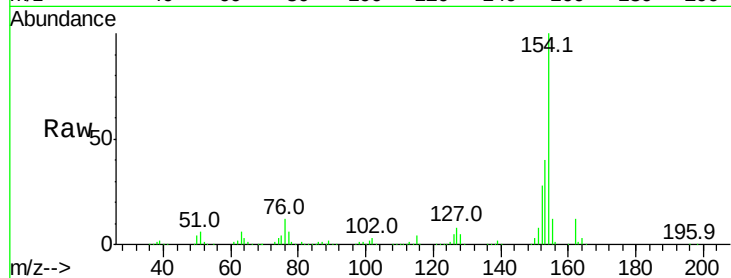
Tot Ion:154 Resp: 598104

Ion Ratio Lower Upper

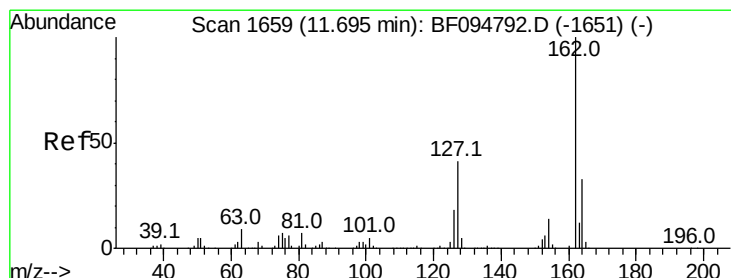
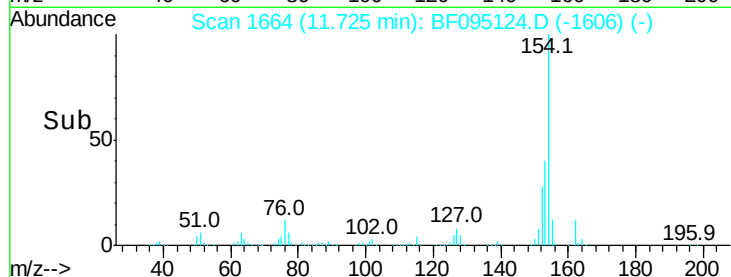
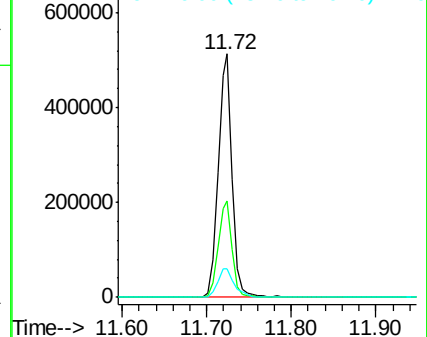
154 100

153 39.7 21.2 61.2

76 11.8 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: 42.21 ng

RT: 11.74 min Scan# 1667

Delta R.T. 0.05 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

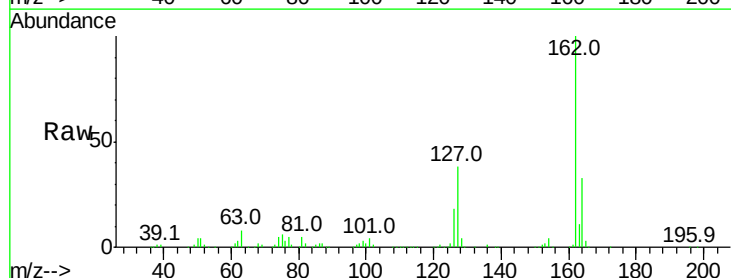
Tgt Ion:162 Resp: 493643

Ion Ratio Lower Upper

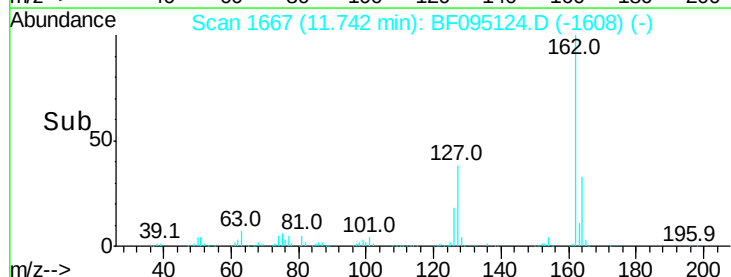
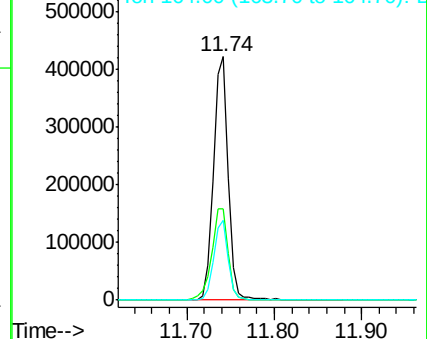
162 100

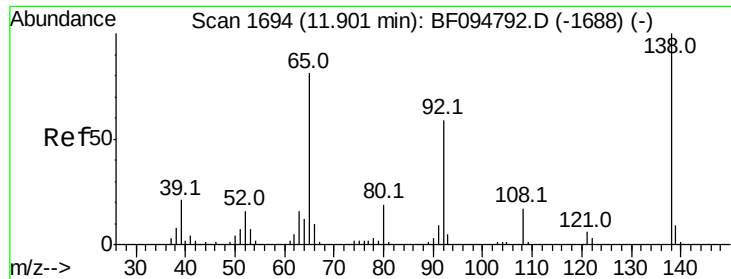
127 37.7 28.3 42.5

164 32.9 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

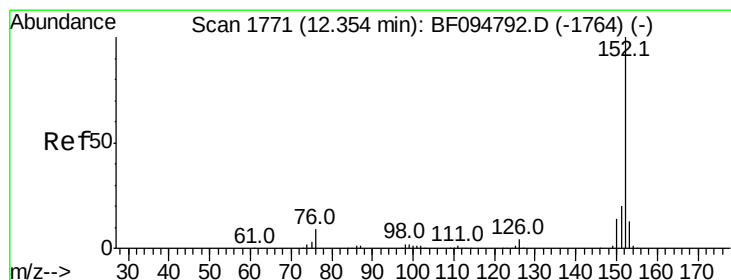
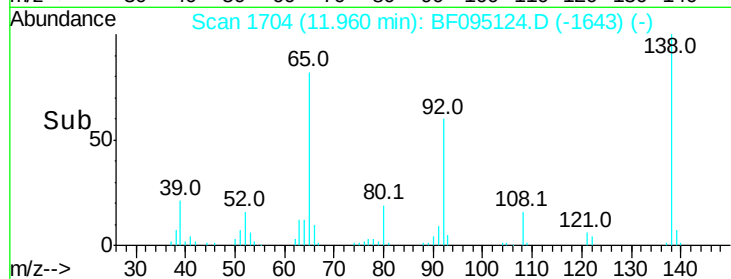
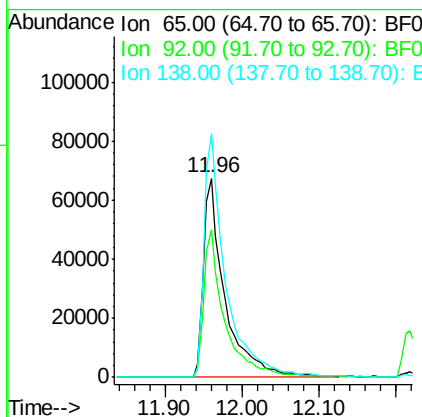
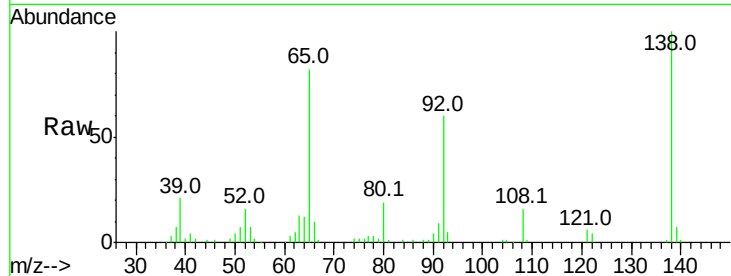




#47
 2-Nitroaniline
 Concen: 40.94 ng
 RT: 11.96 min Scan# 1704
 Delta R.T. 0.06 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

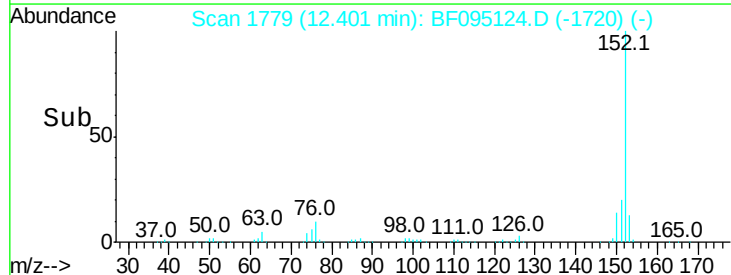
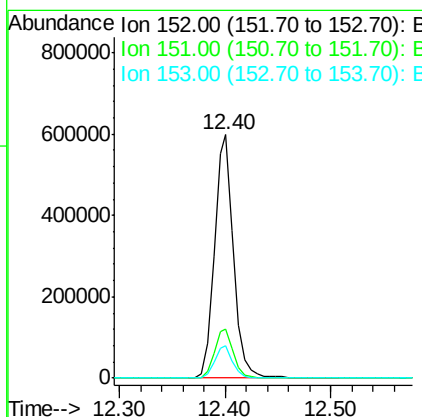
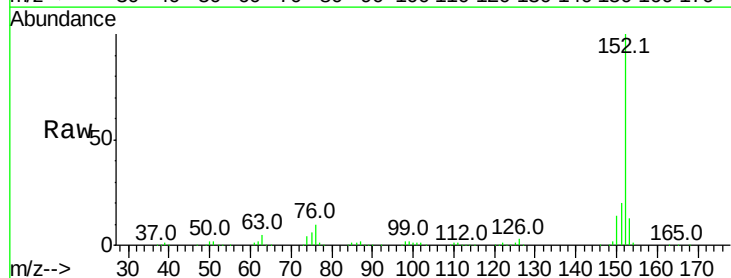
Instrument :
 BNA_F
 ClientSampleId :

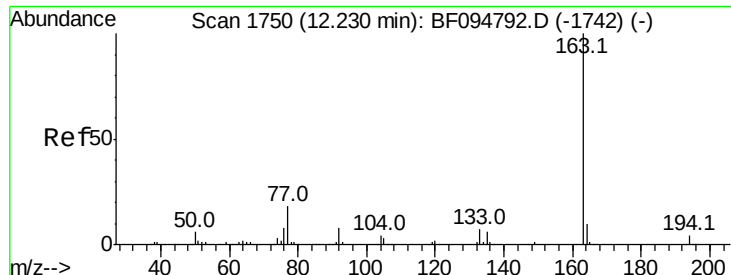
Tot Ion: 65 Resp: 131065
 Ion Ratio Lower Upper
 65 100
 92 73.9 53.9 80.9
 138 122.4 78.8 118.2#



#48
 Acenaphthylene
 Concen: 41.01 ng
 RT: 12.40 min Scan# 1779
 Delta R.T. 0.05 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Tgt Ion:152 Resp: 751210
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 40.81 ng

RT: 12.27 min Scan# 1757

Delta R.T. 0.04 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampleId :

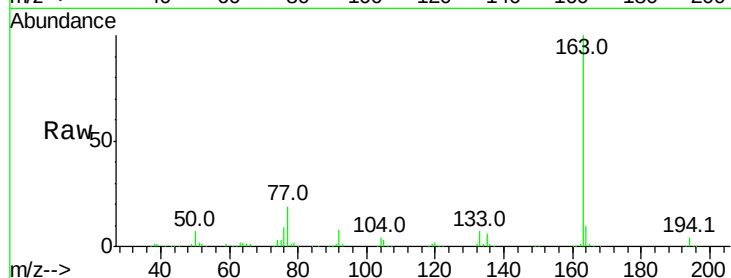
Tot Ion:163 Resp: 576407

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

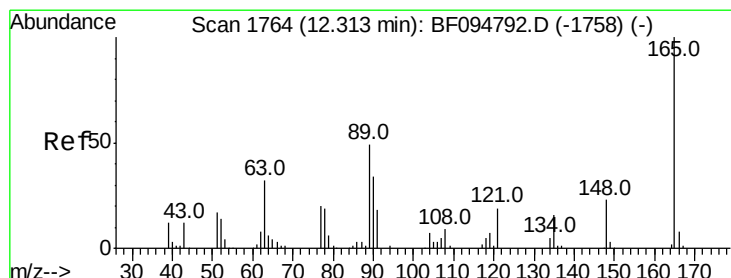
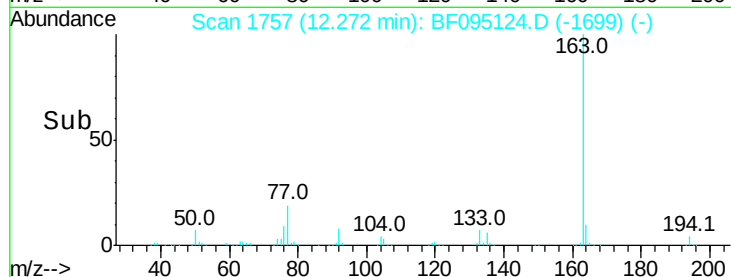
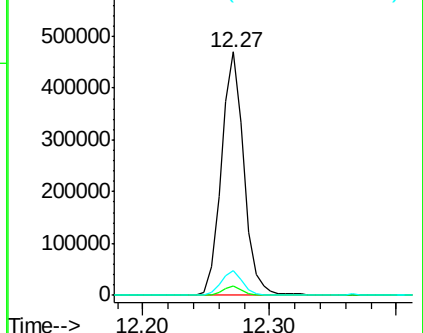
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.56 ng

RT: 12.37 min Scan# 1773

Delta R.T. 0.05 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

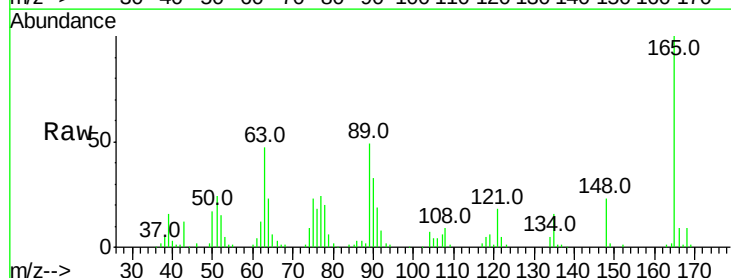
Tgt Ion:165 Resp: 116865

Ion Ratio Lower Upper

165 100

63 46.8 34.3 51.5

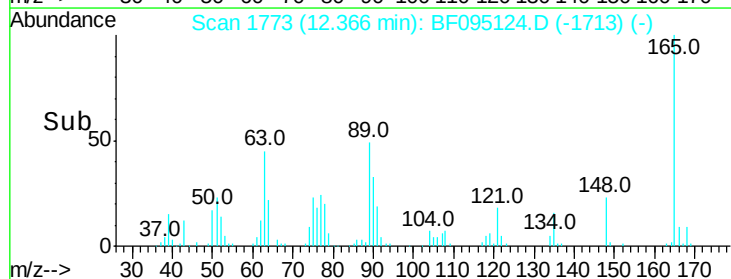
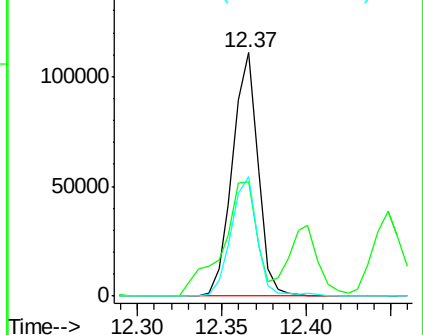
89 49.0 37.1 55.7

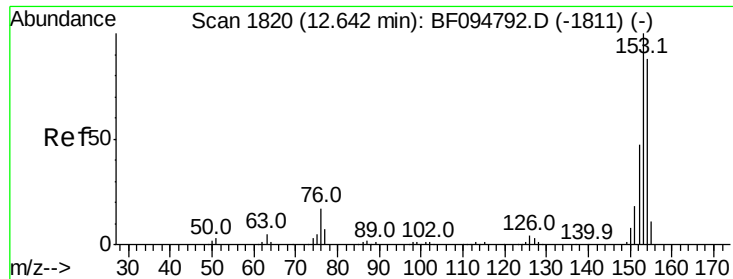


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.92 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.04 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampled :

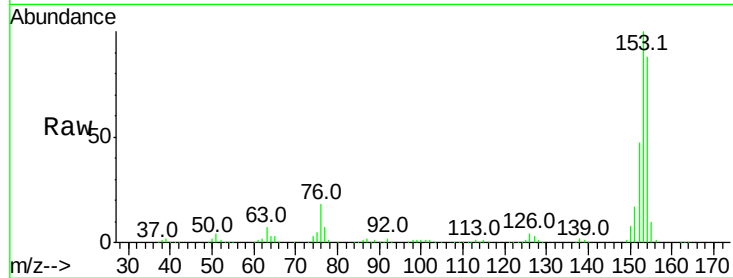
Tot Ion:154 Resp: 436773

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

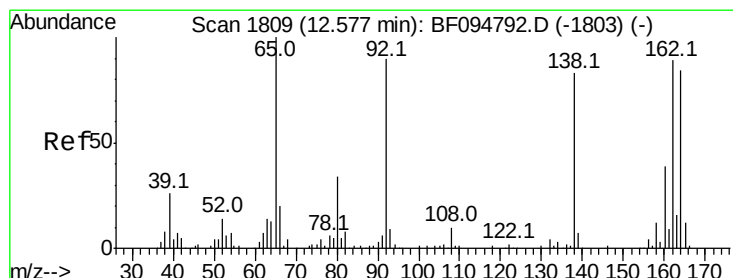
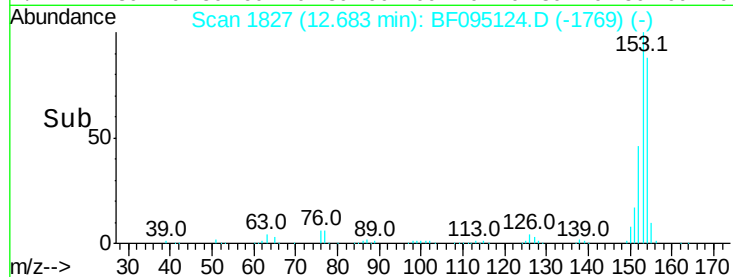
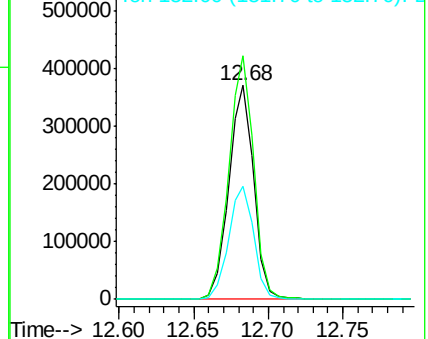
152 53.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.91 ng

RT: 12.64 min Scan# 1820

Delta R.T. 0.06 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

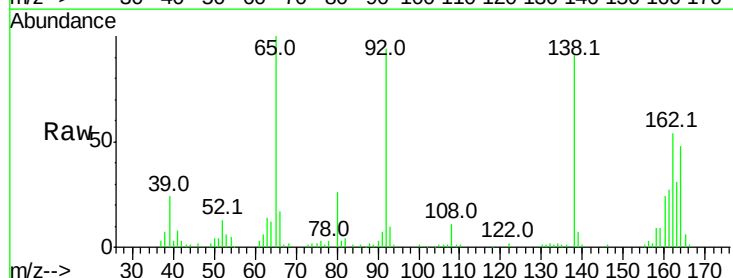
Tgt Ion:138 Resp: 126509

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

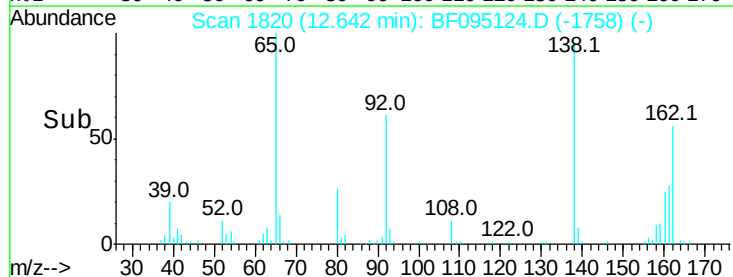
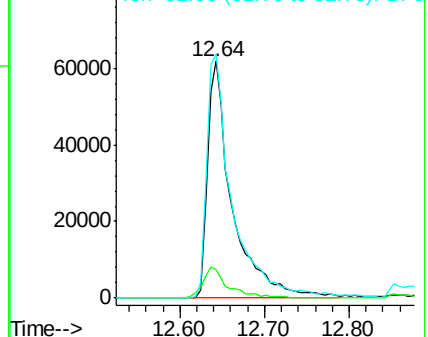
92 102.9 93.8 140.6

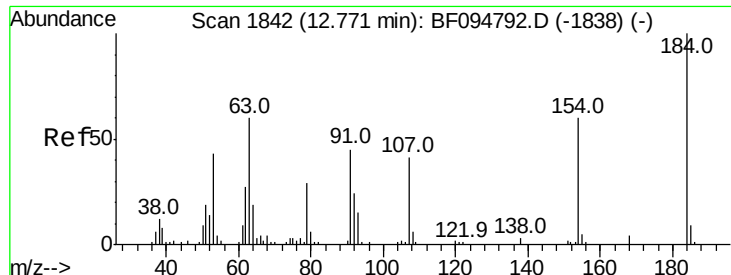


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

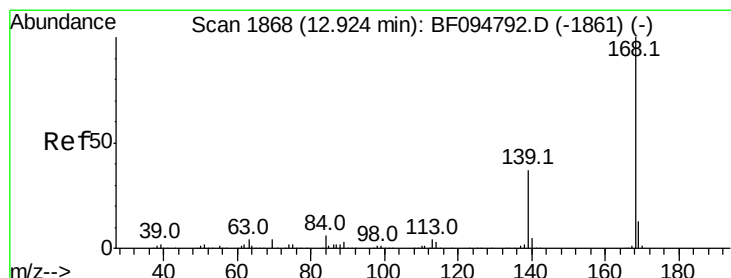
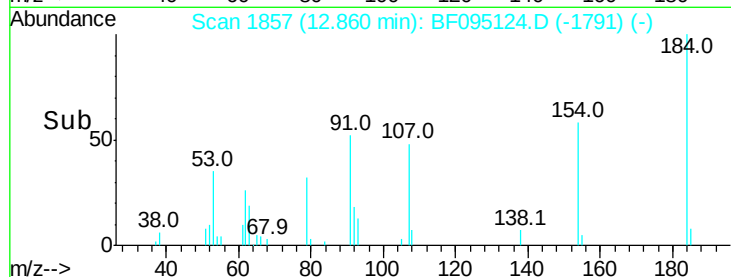
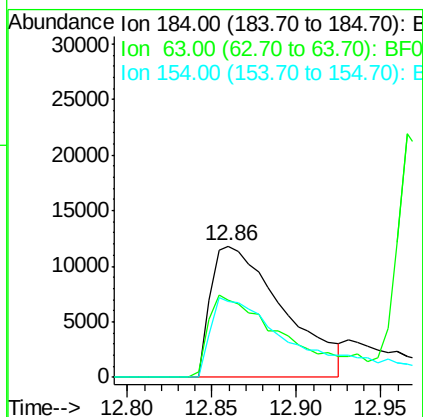
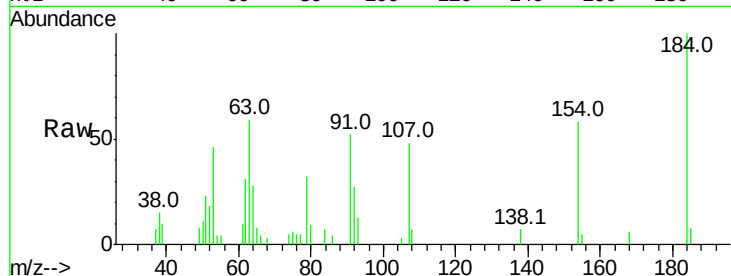




#53
 2,4-Dinitrophenol
 Concen: 26.81 ng
 RT: 12.86 min Scan# 1857
 Delta R.T. 0.09 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

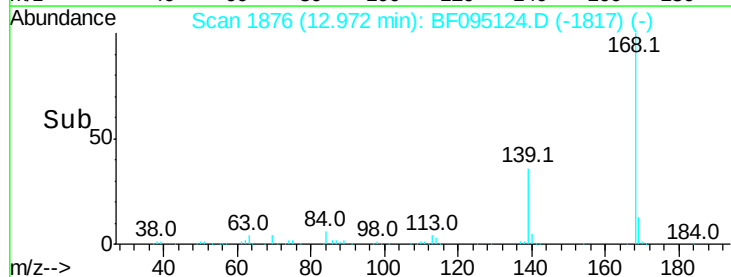
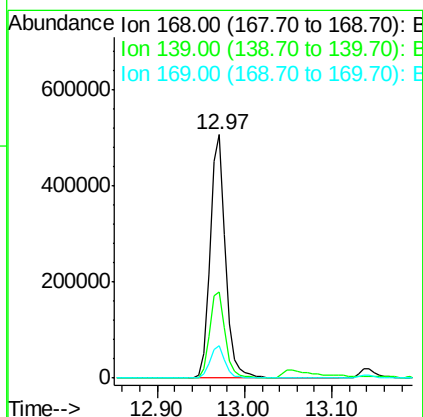
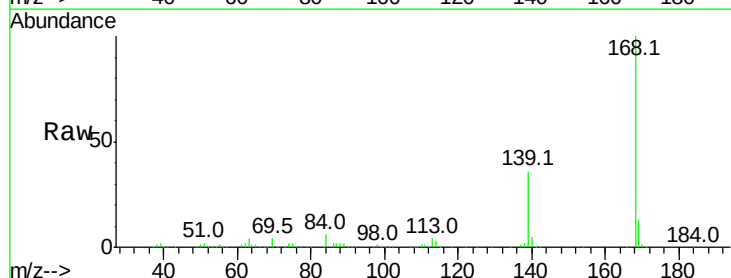
Instrument :
 BNA_F
 ClientSampled :

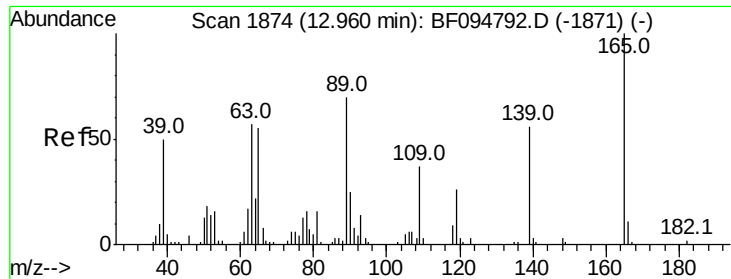
Tot Ion:184 Resp: 35390
 Ion Ratio Lower Upper
 184 100
 63 58.6 62.7 94.1#
 154 57.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.56 ng
 RT: 12.97 min Scan# 1876
 Delta R.T. 0.05 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Tgt Ion:168 Resp: 614101
 Ion Ratio Lower Upper
 168 100
 139 35.6 30.6 45.8
 169 13.3 10.8 16.2

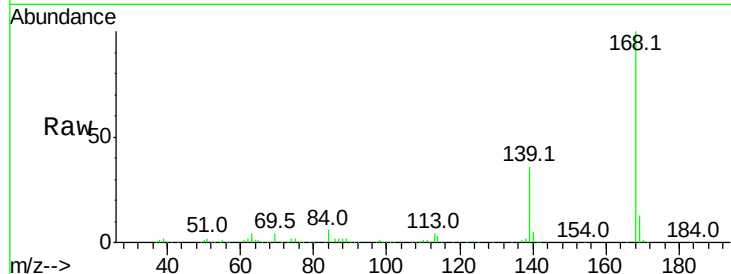




#55
4-Nitrophenol
Concen: 119.82 ng
RT: 12.97 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BF095124.D
Acq: 15 May 2017 14:13

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.8	34.1	74.1#
65	1.5	31.4	71.4#

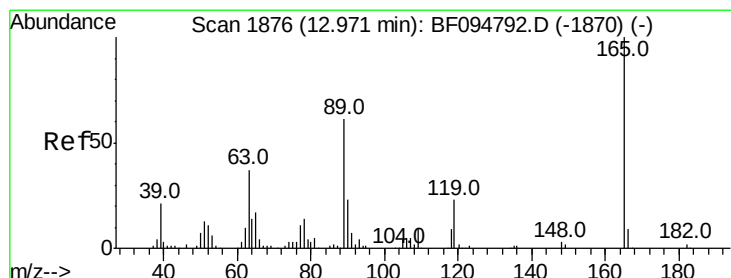
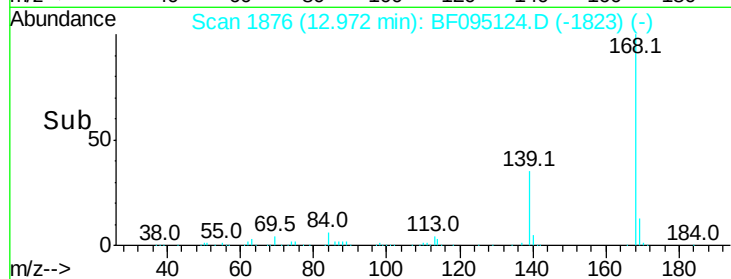
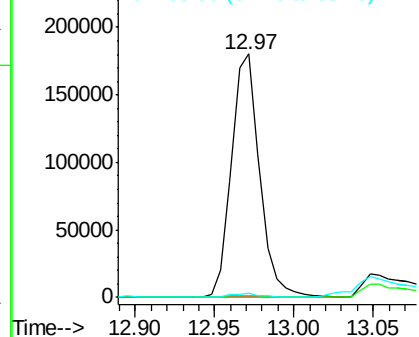


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 42.08 ng
RT: 13.03 min Scan# 1886
Delta R.T. 0.06 min
Lab File: BF095124.D
Acq: 15 May 2017 14:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.6	25.4	38.0#
89	66.3	46.4	69.6
182	2.7	1.8	2.6#

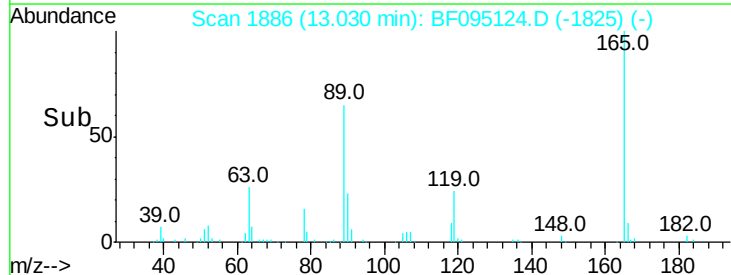
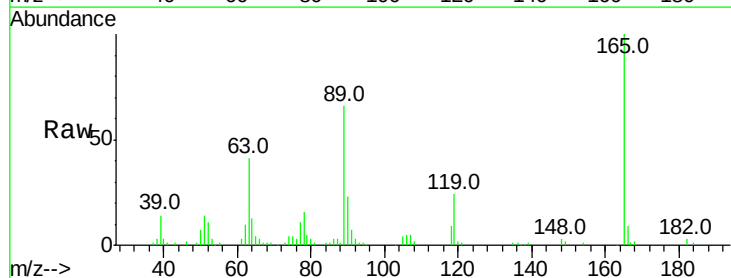
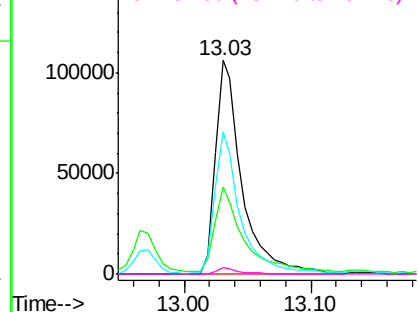
Abundance

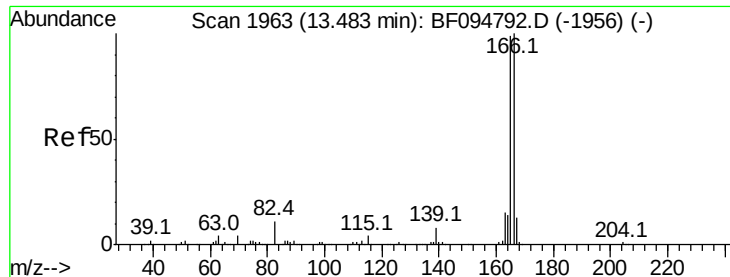
Ion 165.00 (164.70 to 165.70): E

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

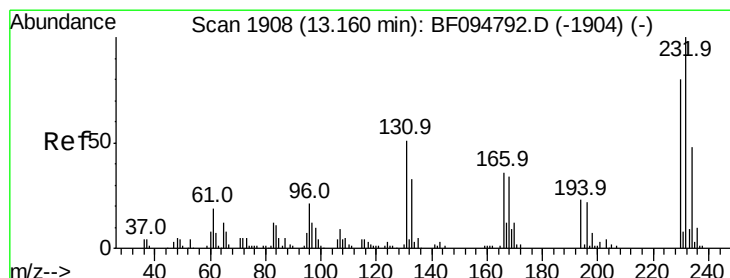
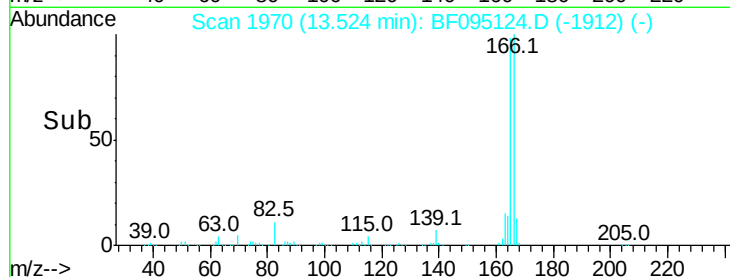
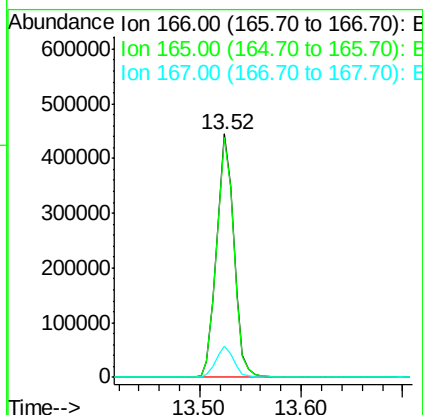
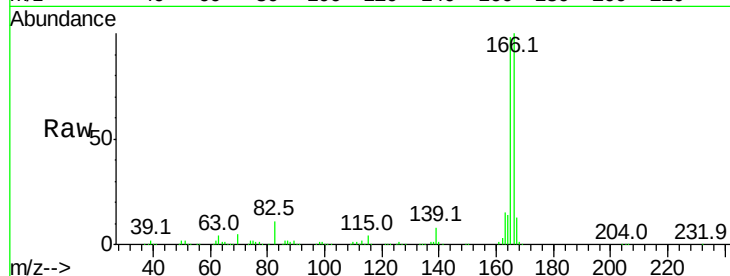




#57
 Fluorene
 Concen: 40.25 ng
 RT: 13.52 min Scan# 1970
 Delta R.T. 0.04 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

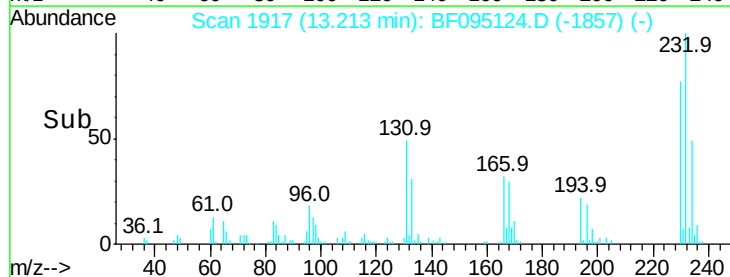
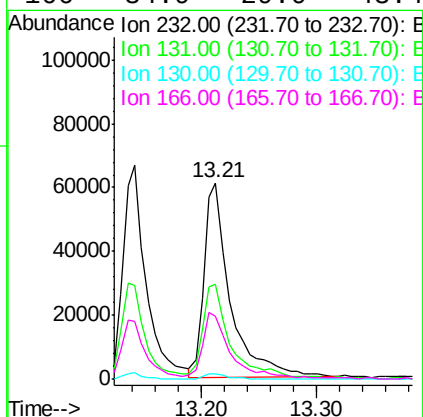
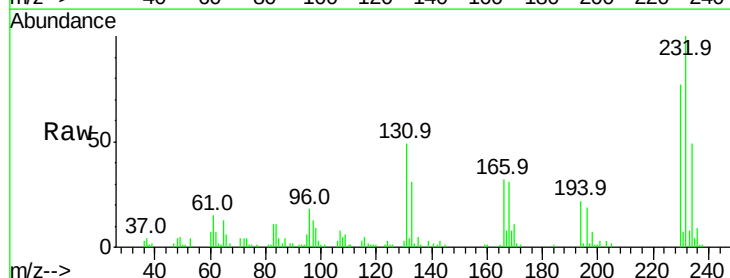
Instrument :
 BNA_F
 ClientSampleId :

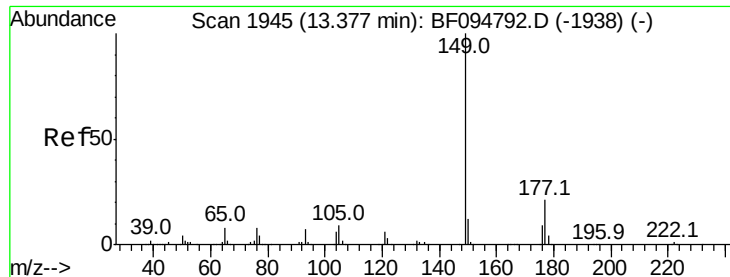
Tot Ion:166 Resp: 529933
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.8 118.2
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.69 ng
 RT: 13.21 min Scan# 1917
 Delta R.T. 0.05 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Tgt Ion:232 Resp: 97236
 Ion Ratio Lower Upper
 232 100
 131 50.6 44.8 67.2
 130 2.4 2.3 3.5
 166 34.9 29.0 43.4





#59

Diethylphthalate

Concen: 40.43 ng

RT: 13.42 min Scan# 1952

Delta R.T. 0.04 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampleId :

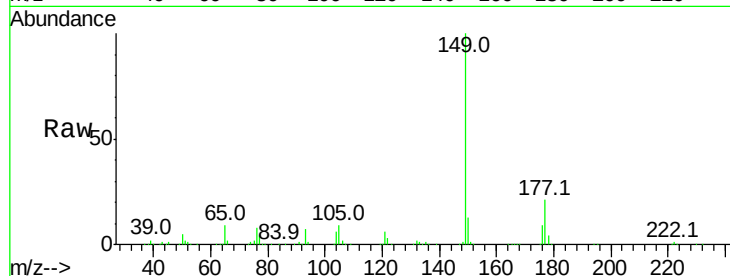
Tot Ion:149 Resp: 547283

Ion Ratio Lower Upper

149 100

177 21.4 16.7 25.1

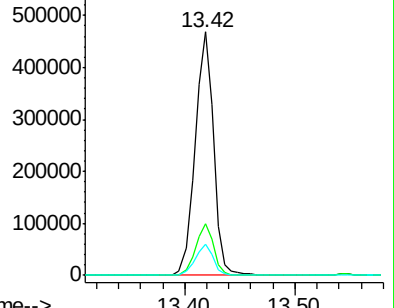
150 12.6 10.2 15.2



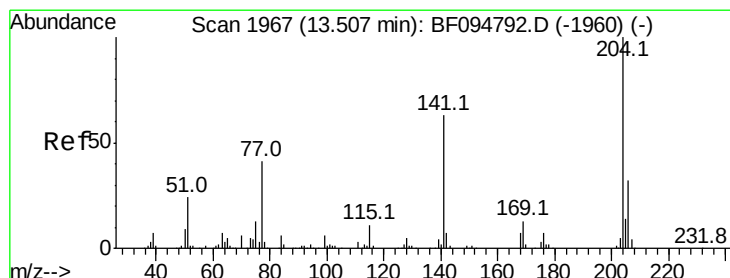
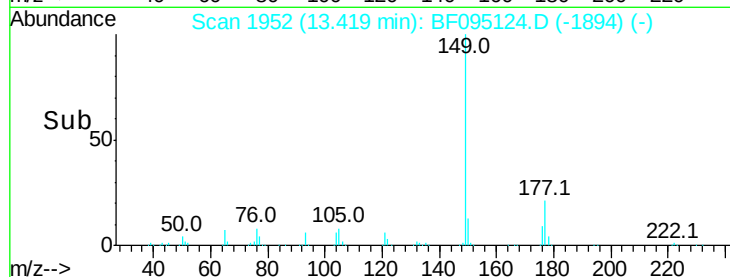
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



#60

4-Chlorophenyl-phenylether

Concen: 41.20 ng

RT: 13.55 min Scan# 1974

Delta R.T. 0.04 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

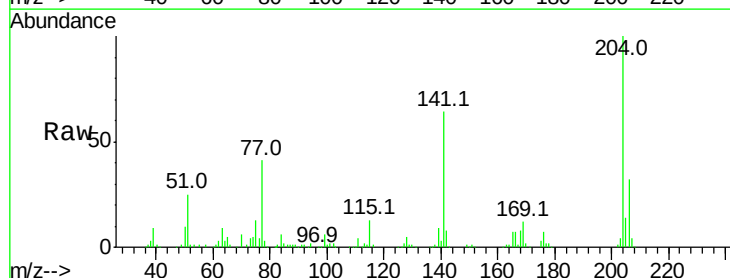
Tgt Ion:204 Resp: 238414

Ion Ratio Lower Upper

204 100

206 32.4 26.2 39.2

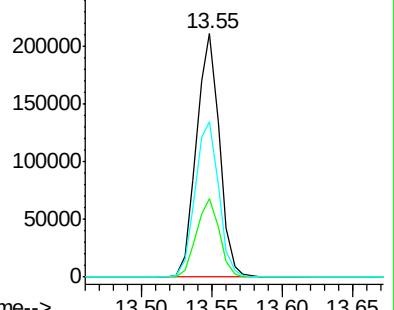
141 63.8 60.8 91.2



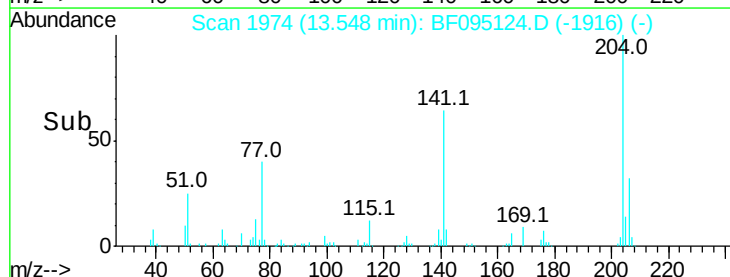
Abundance Ion 204.00 (203.70 to 204.70): E

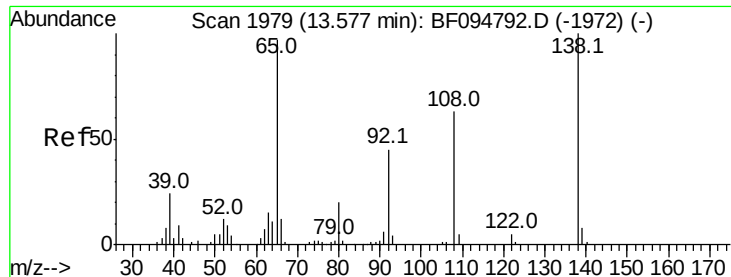
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

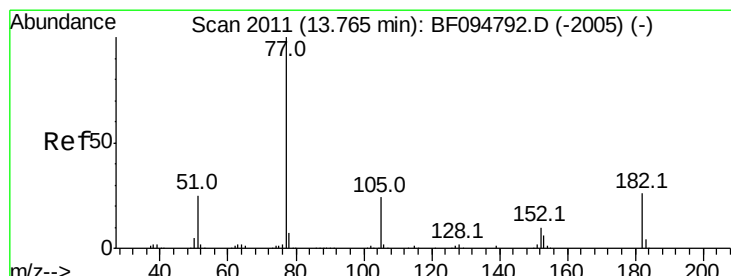
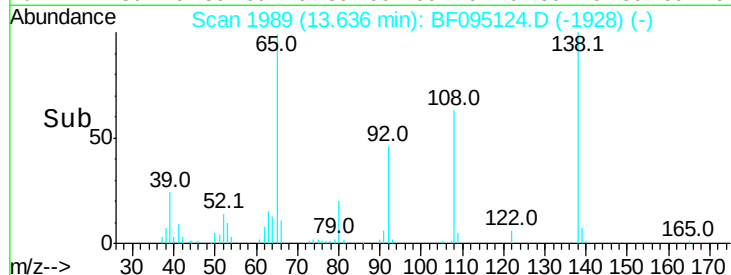
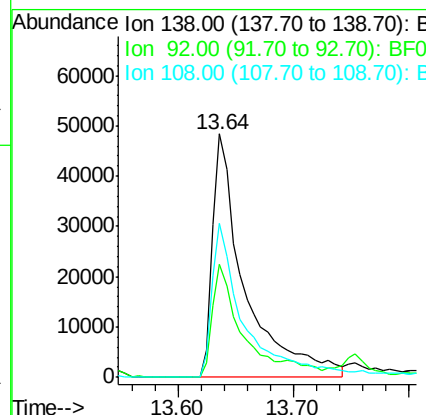
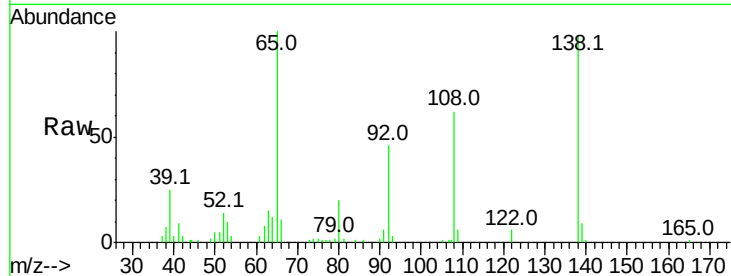




#61
4-Nitroaniline
Concen: 33.11 ng
RT: 13.64 min Scan# 1989
Delta R.T. 0.06 min
Lab File: BF095124.D
Acq: 15 May 2017 14:13

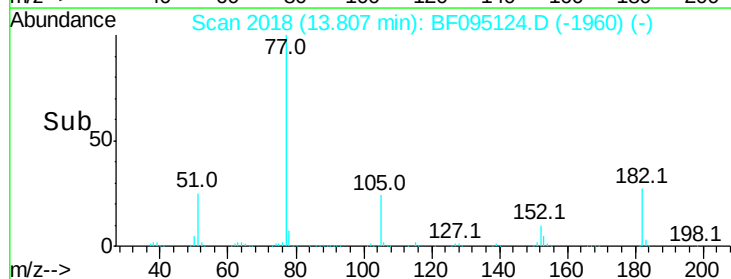
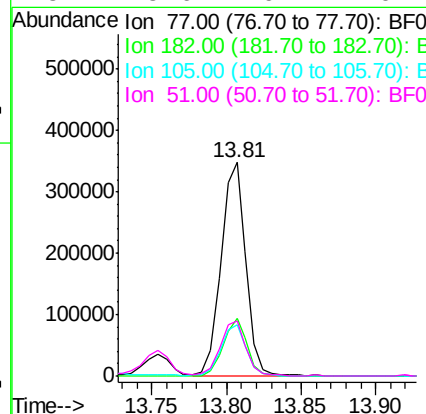
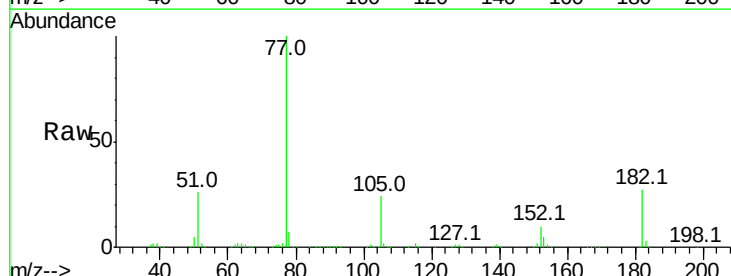
Instrument :
BNA_F
ClientSampleId :

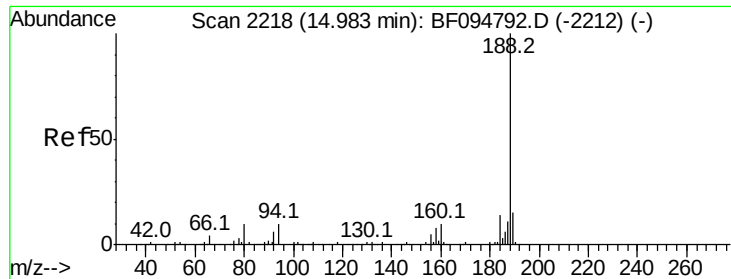
Tot Ion:138 Resp: 94014
Ion Ratio Lower Upper
138 100
92 46.3 21.8 61.8
108 63.3 42.3 82.3



#62
Azobenzene
Concen: 37.01 ng
RT: 13.81 min Scan# 2018
Delta R.T. 0.04 min
Lab File: BF095124.D
Acq: 15 May 2017 14:13

Tgt Ion: 77 Resp: 402553
Ion Ratio Lower Upper
77 100
182 27.2 0.1 40.1
105 24.2 3.6 43.6
51 25.6 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.04 min Scan# 2227

Delta R.T. 0.05 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampleId :

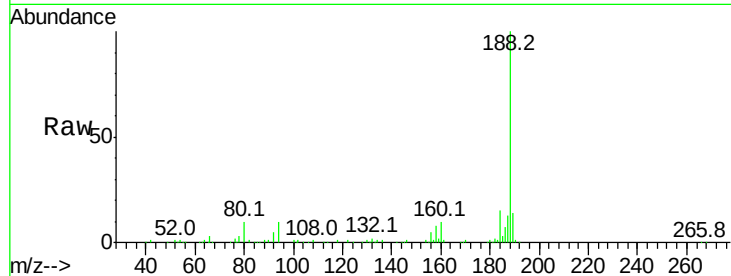
Tot Ion:188 Resp: 297117

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

80 9.8 10.2 15.2#

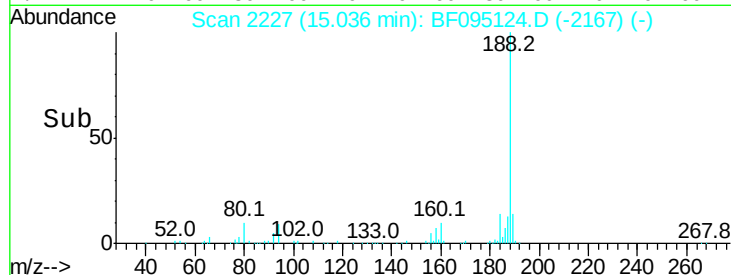


Abundance Ion 188.00 (187.70 to 188.70): E

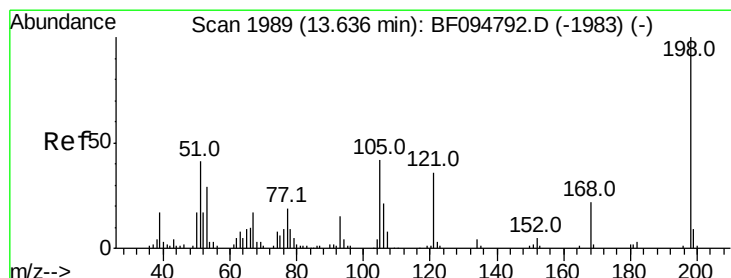
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

15.04



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 37.87 ng

RT: 13.70 min Scan# 2000

Delta R.T. 0.06 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

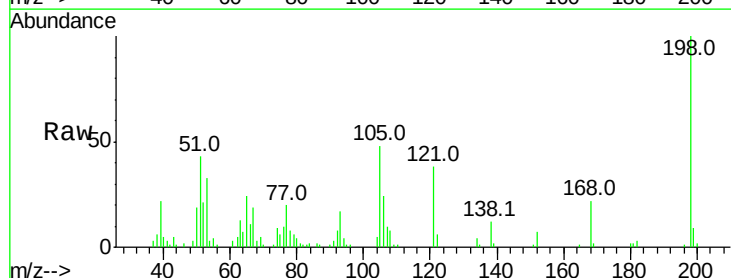
Tgt Ion:198 Resp: 75429

Ion Ratio Lower Upper

198 100

51 43.4 53.2 93.2#

105 47.7 45.8 85.8

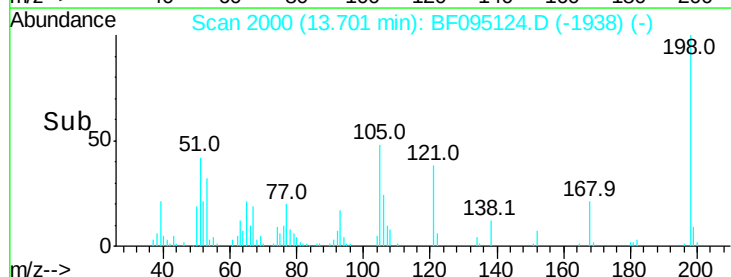


Abundance Ion 198.00 (197.70 to 198.70): E

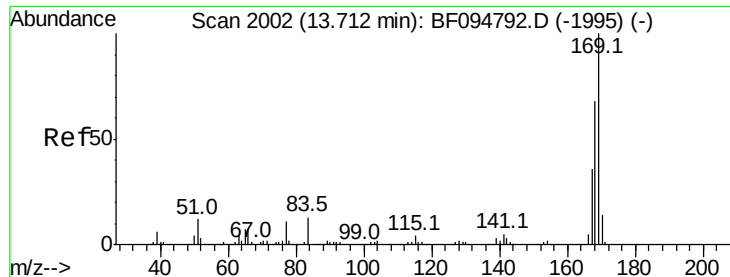
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

13.70



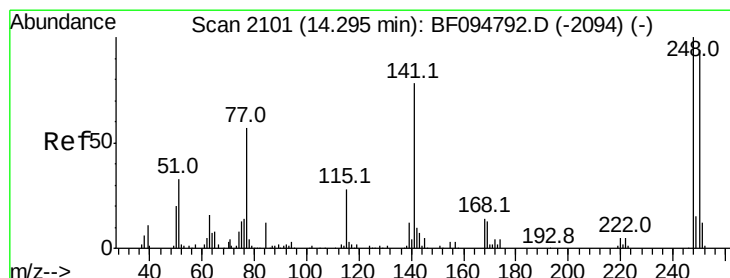
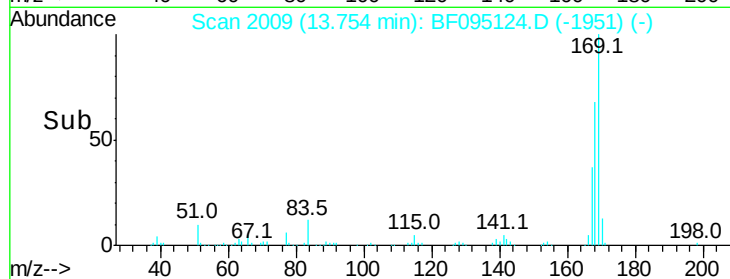
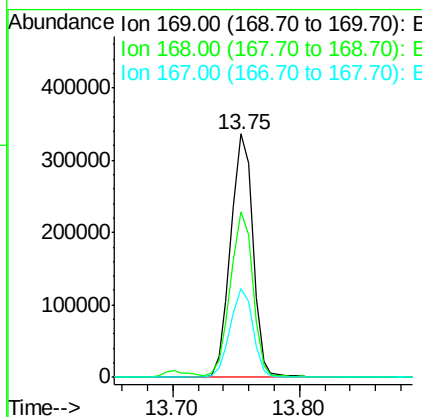
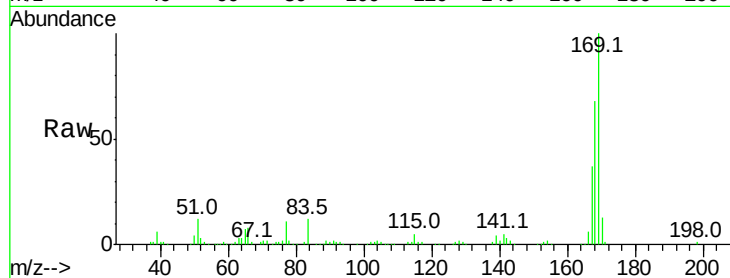
Time-->



#65
 n-Nitrosodiphenylamine
 Concen: 37.65 ng
 RT: 13.75 min Scan# 2009
 Delta R.T. 0.04 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

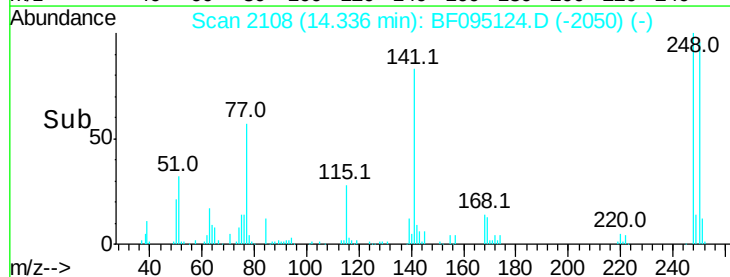
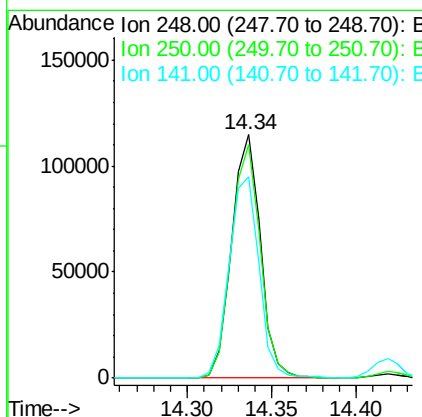
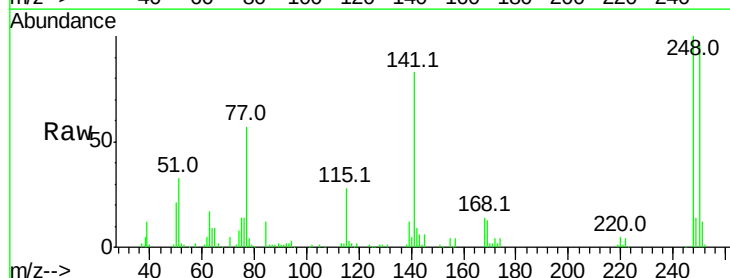
Instrument :
 BNA_F
 ClientSampleId :

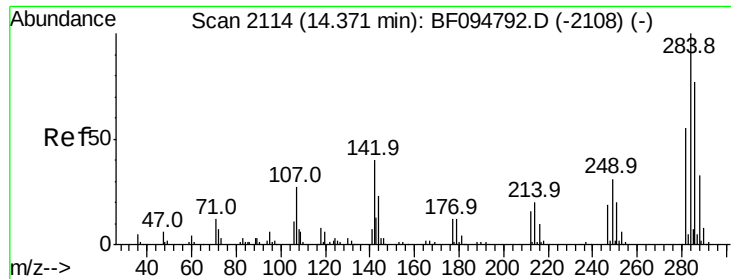
Tot Ion:169 Resp: 405990
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.2 79.8
 167 36.6 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 43.31 ng
 RT: 14.34 min Scan# 2108
 Delta R.T. 0.04 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Tgt Ion:248 Resp: 135940
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.8 115.2
 141 82.6 68.6 103.0

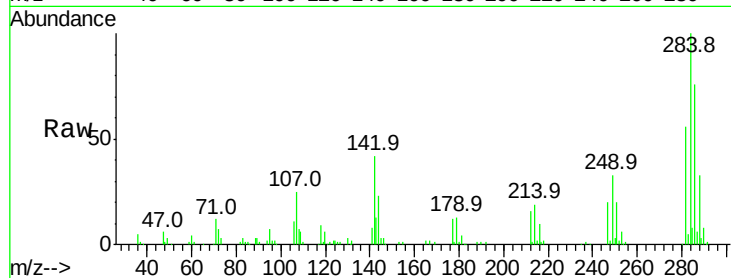




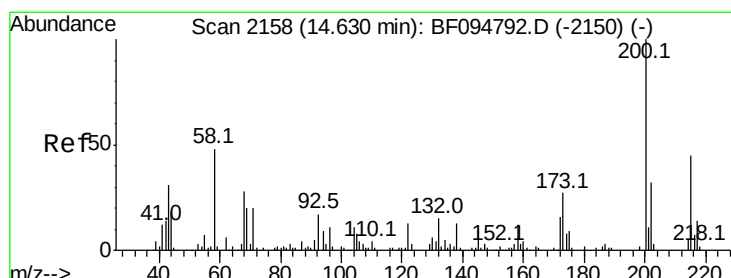
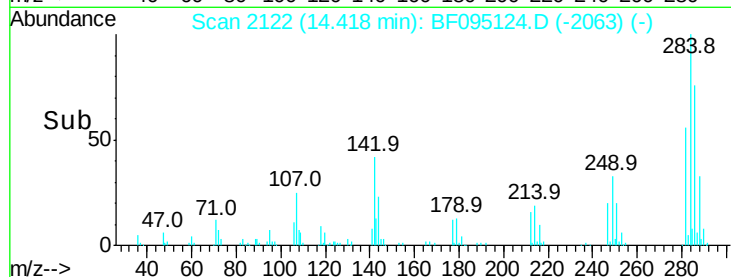
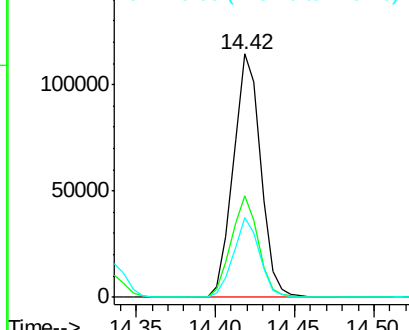
#67
Hexachlorobenzene
Concen: 42.56 ng
RT: 14.42 min Scan# 2122
Delta R.T. 0.05 min
Lab File: BF095124.D
Acq: 15 May 2017 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 136907
Ion Ratio Lower Upper
284 100
142 41.9 22.8 34.2#
249 32.8 24.0 36.0

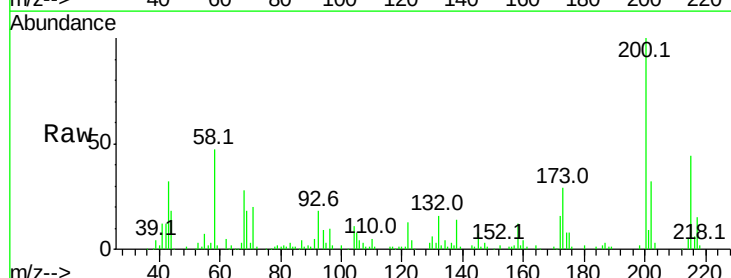


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

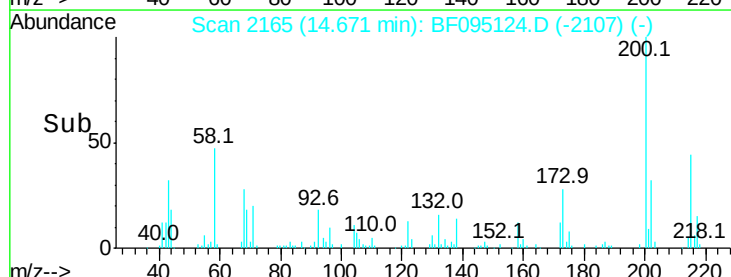
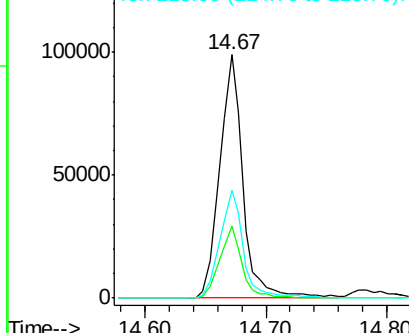


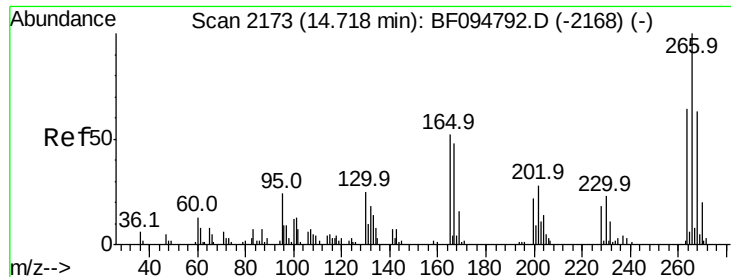
#68
Atrazine
Concen: 43.06 ng
RT: 14.67 min Scan# 2165
Delta R.T. 0.04 min
Lab File: BF095124.D
Acq: 15 May 2017 14:13

Tgt Ion:200 Resp: 131095
Ion Ratio Lower Upper
200 100
173 29.4 6.3 46.3
215 44.3 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

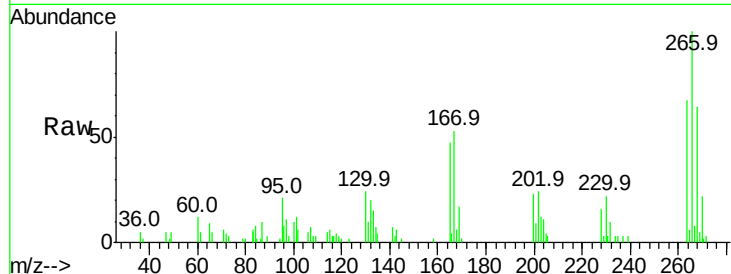




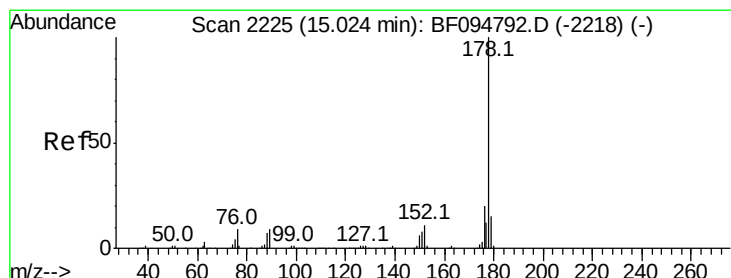
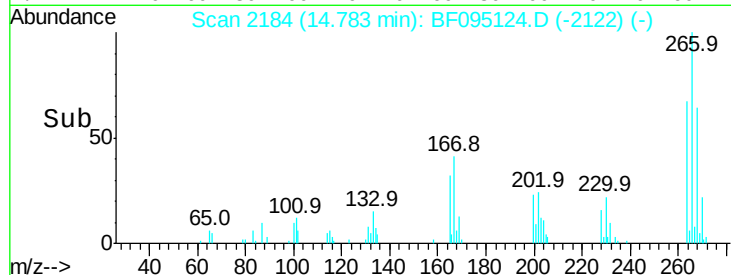
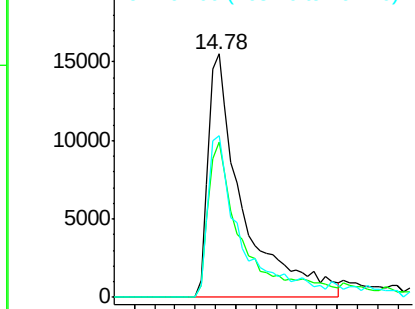
#69
 Pentachlorophenol
 Concen: 29.34 ng
 RT: 14.78 min Scan# 2184
 Delta R.T. 0.06 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 36851
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.1 76.7
 264 66.6 51.7 77.5

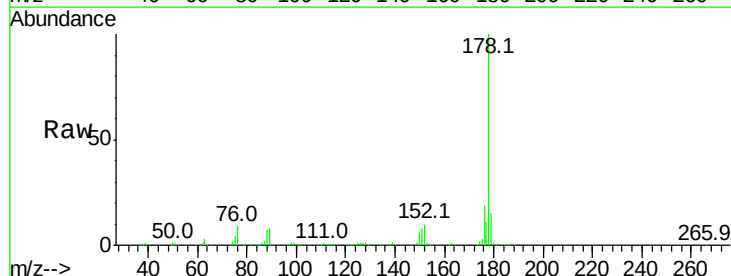


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

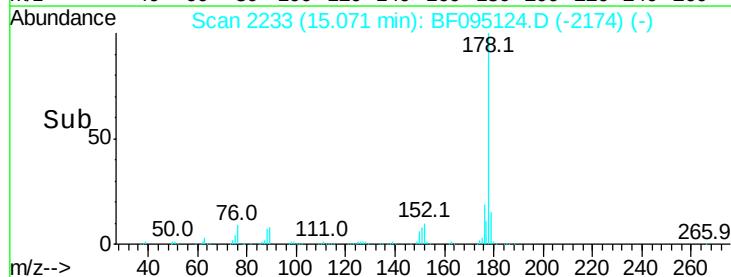
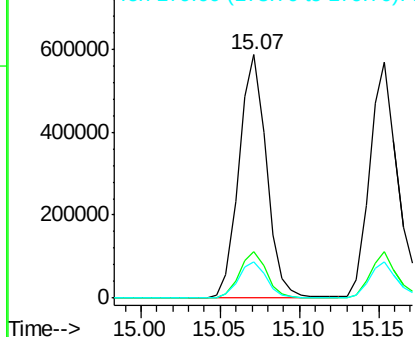


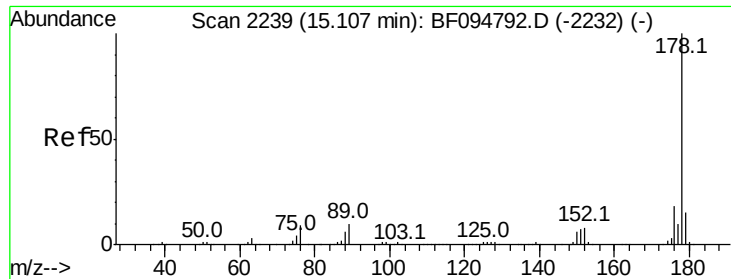
#70
 Phenanthrene
 Concen: 41.52 ng
 RT: 15.07 min Scan# 2233
 Delta R.T. 0.05 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Tgt Ion:178 Resp: 708733
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.0 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

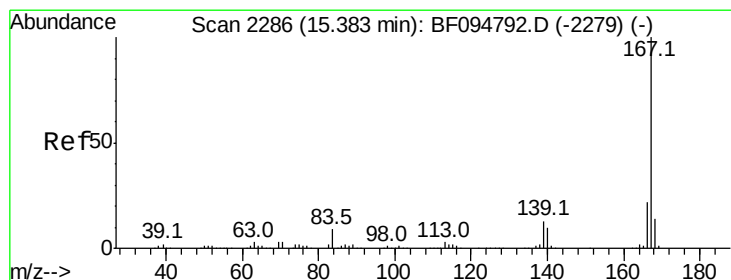
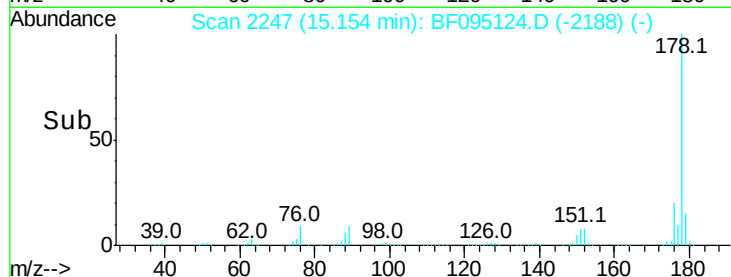
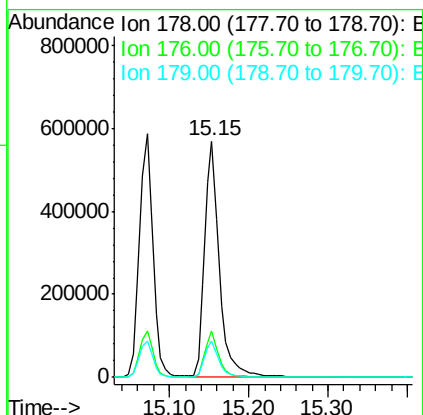
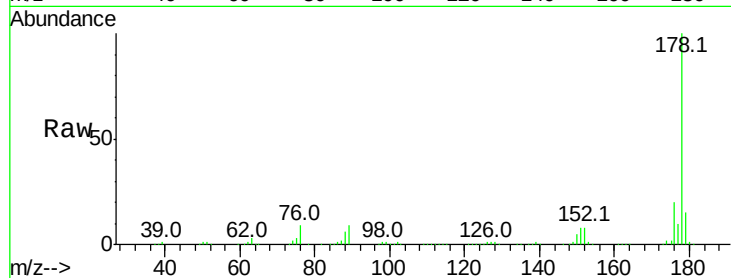




#71
 Anthracene
 Concen: 42.66 ng
 RT: 15.15 min Scan# 2247
 Delta R.T. 0.05 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

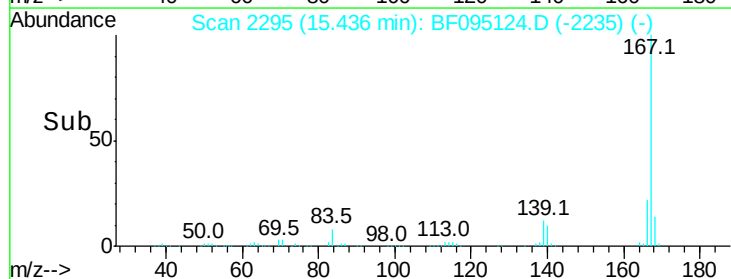
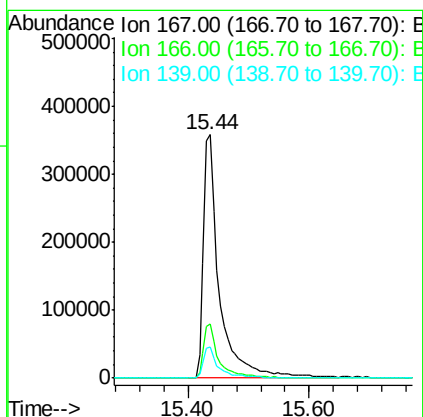
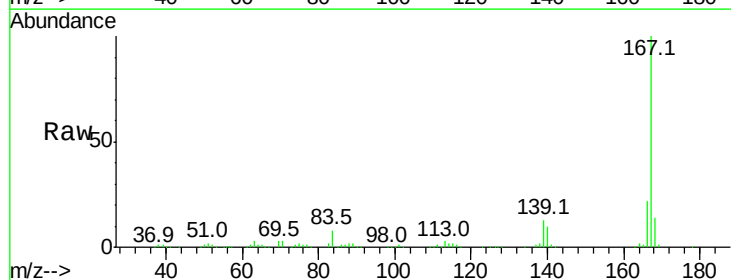
Instrument :
 BNA_F
 ClientSampleId :

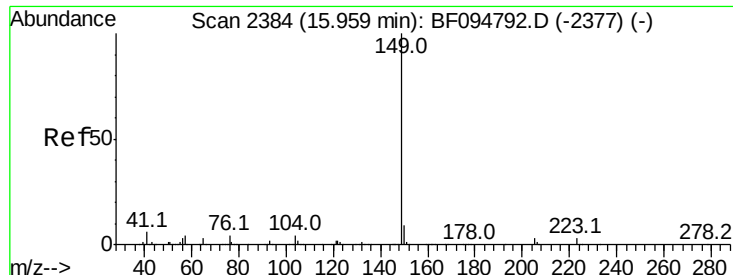
Tot Ion:178 Resp: 743924
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 41.69 ng
 RT: 15.44 min Scan# 2295
 Delta R.T. 0.05 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Tgt Ion:167 Resp: 661416
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 12.9 11.7 17.5

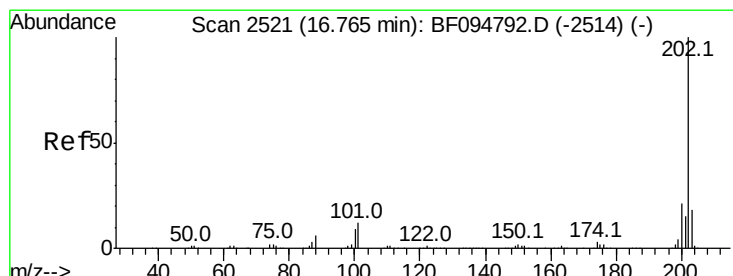
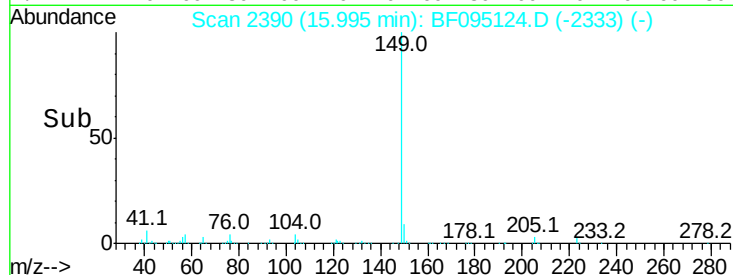
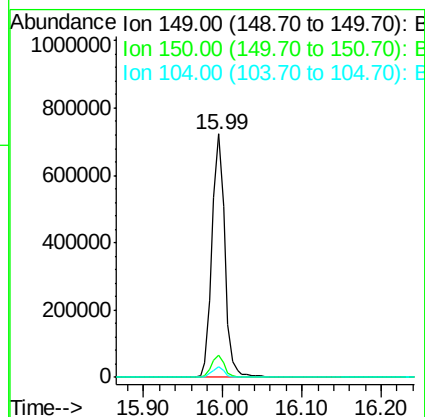
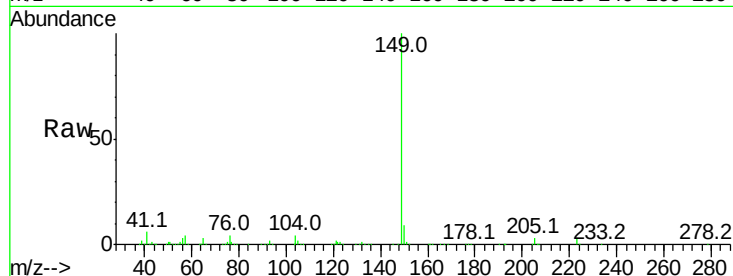




#73
Di-n-butylphthalate
Concen: 41.32 ng
RT: 15.99 min Scan# 2390
Delta R.T. 0.04 min
Lab File: BF095124.D
Acq: 15 May 2017 14:13

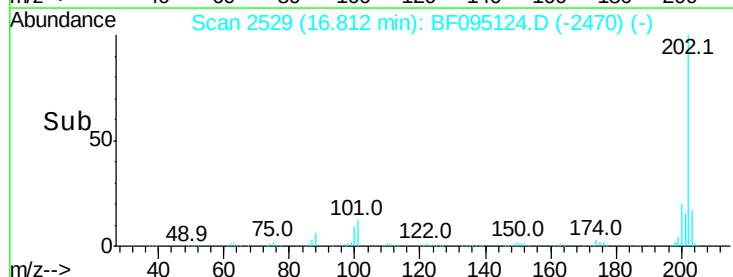
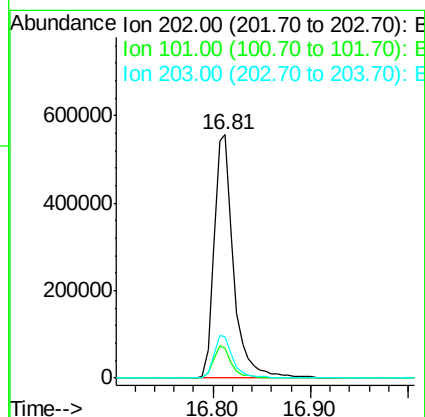
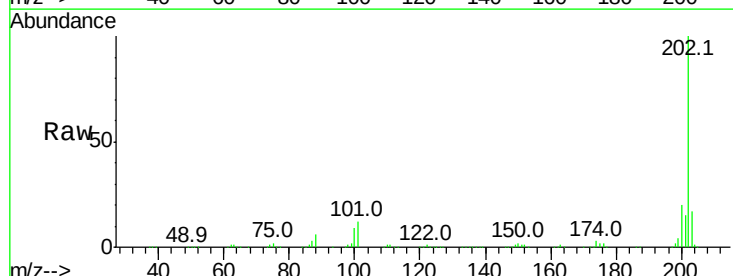
Instrument :
BNA_F
ClientSampleId :

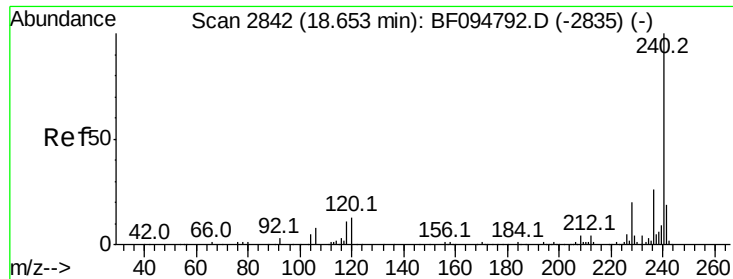
Tot Ion:149 Resp: 817527
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 43.67 ng
RT: 16.81 min Scan# 2529
Delta R.T. 0.05 min
Lab File: BF095124.D
Acq: 15 May 2017 14:13

Tgt Ion:202 Resp: 764718
Ion Ratio Lower Upper
202 100
101 12.1 0.0 33.2
203 16.9 0.0 38.1

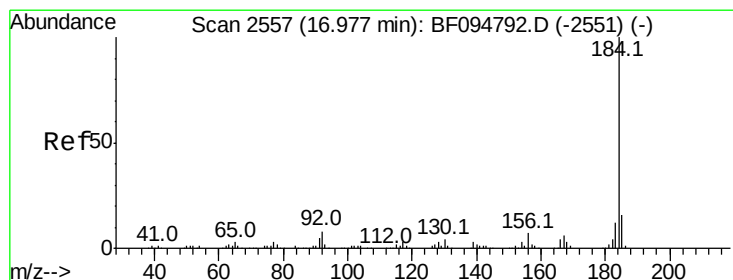
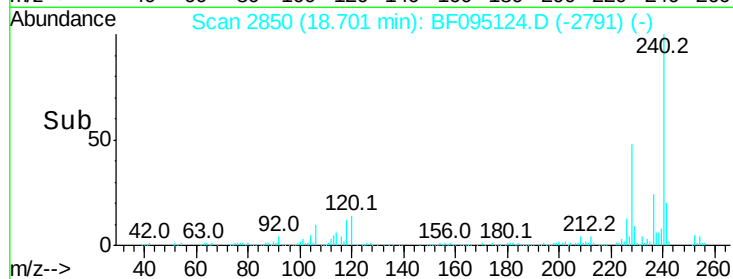
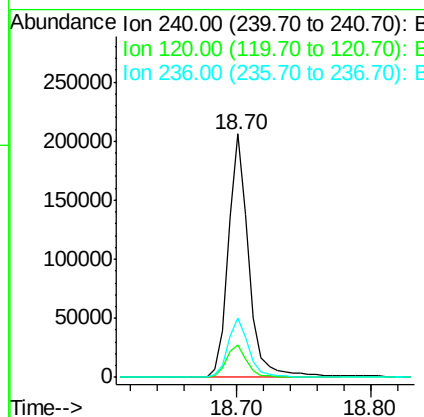
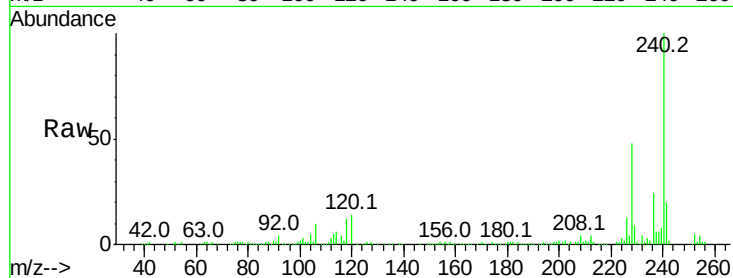




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. 0.05 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

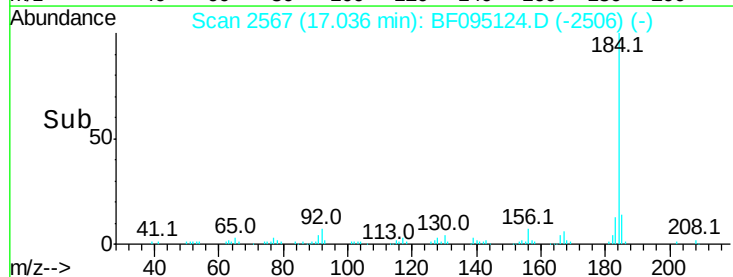
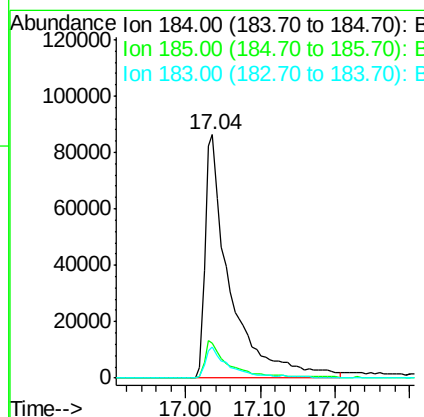
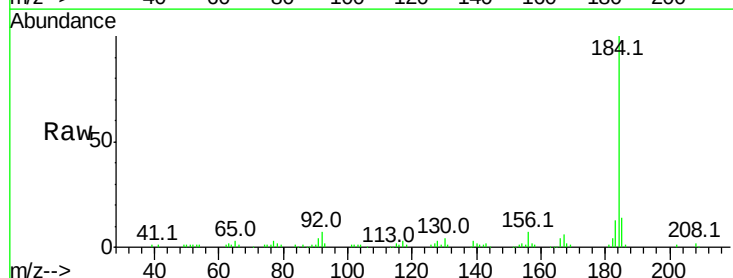
Instrument :
 BNA_F
 ClientSampleId :

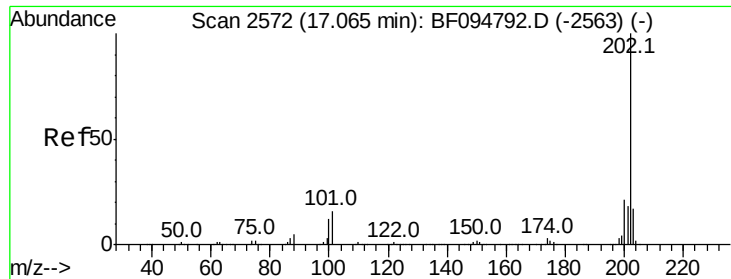
Tot Ion:240 Resp: 222298
 Ion Ratio Lower Upper
 240 100
 120 13.5 5.8 8.8#
 236 24.3 20.5 30.7



#76
 Benzidine
 Concen: 35.57 ng
 RT: 17.04 min Scan# 2567
 Delta R.T. 0.06 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Tgt Ion:184 Resp: 201986
 Ion Ratio Lower Upper
 184 100
 185 14.5 15.5 23.3#
 183 12.7 9.8 14.6

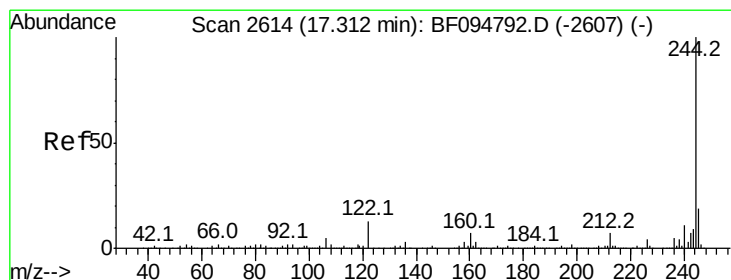
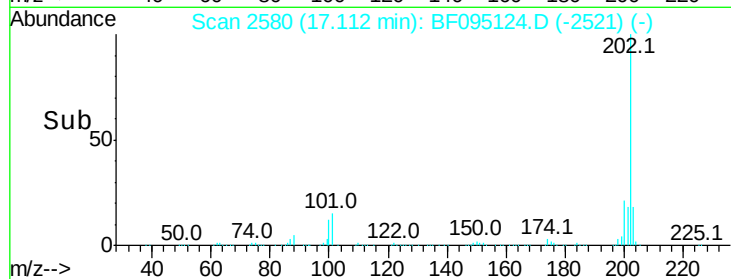
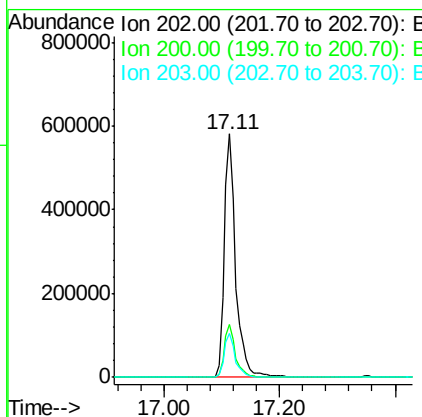
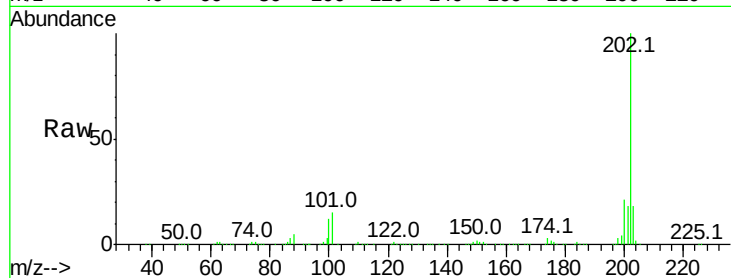




#77
Pvrene
Concen: 47.43 ng
RT: 17.11 min Scan# 2580
Delta R.T. 0.05 min
Lab File: BF095124.D
Acq: 15 May 2017 14:13

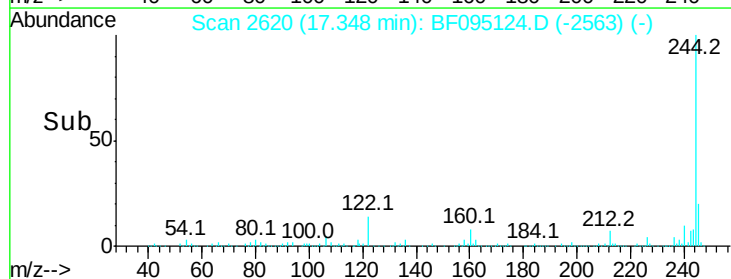
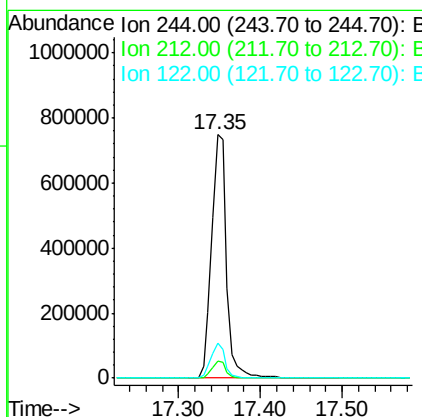
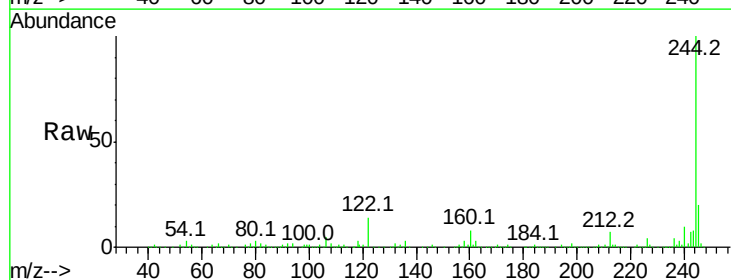
Instrument :
BNA_F
ClientSampleId :

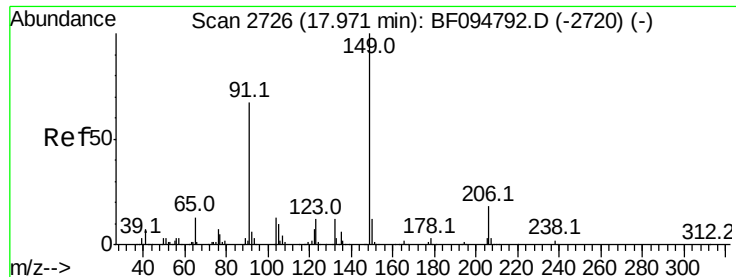
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	18.2	14.4	21.6



#78
Terphenyl-d14
Concen: 94.66 ng
RT: 17.35 min Scan# 2620
Delta R.T. 0.04 min
Lab File: BF095124.D
Acq: 15 May 2017 14:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.3	10.3	15.5





#79

Butylbenzylphthalate

Concen: 46.32 ng

RT: 18.01 min Scan# 2733

Delta R.T. 0.04 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampleId :

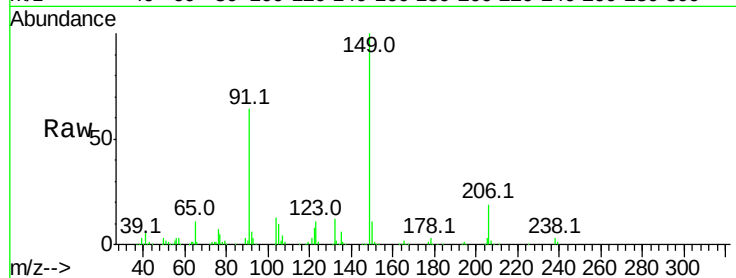
Tot Ion:149 Resp: 358198

Ion Ratio Lower Upper

149 100

91 64.0 45.0 67.4

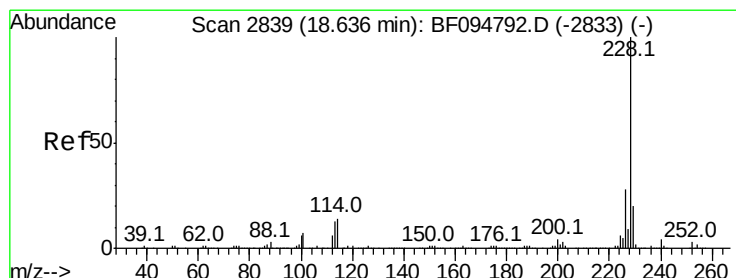
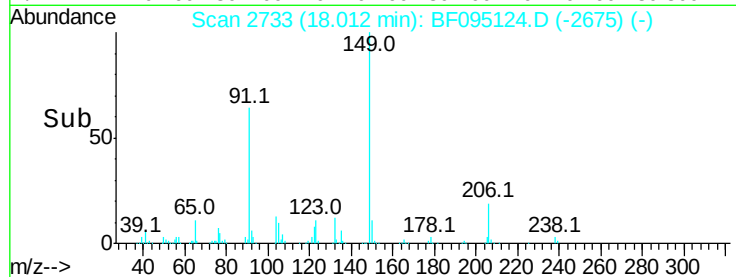
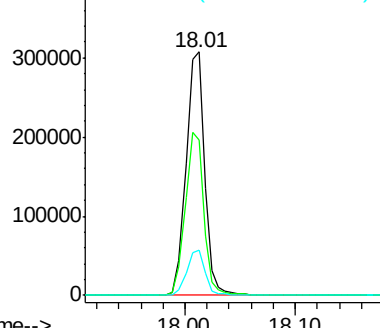
206 18.7 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.61 ng

RT: 18.69 min Scan# 2848

Delta R.T. 0.05 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

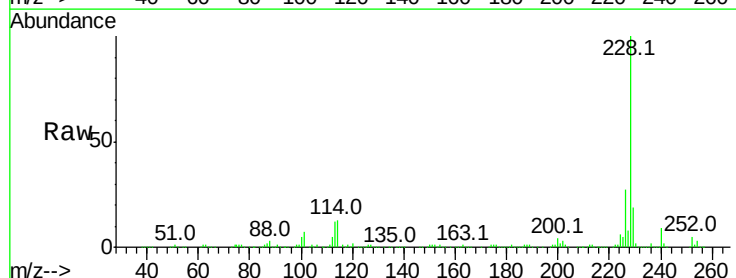
Tgt Ion:228 Resp: 512467

Ion Ratio Lower Upper

228 100

226 26.8 22.6 33.8

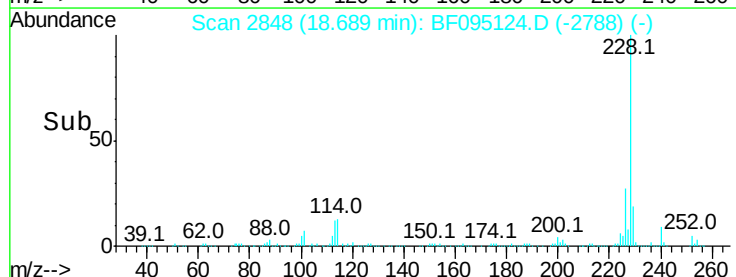
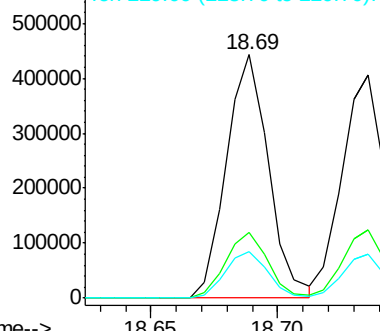
229 19.3 16.3 24.5

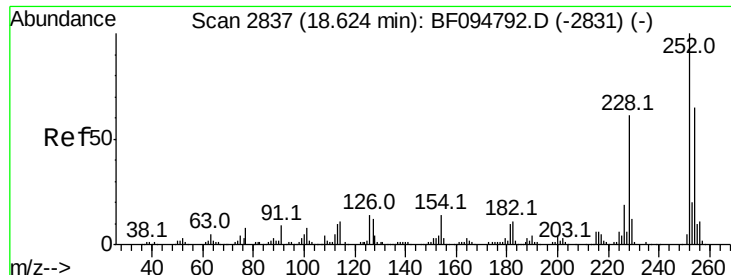


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

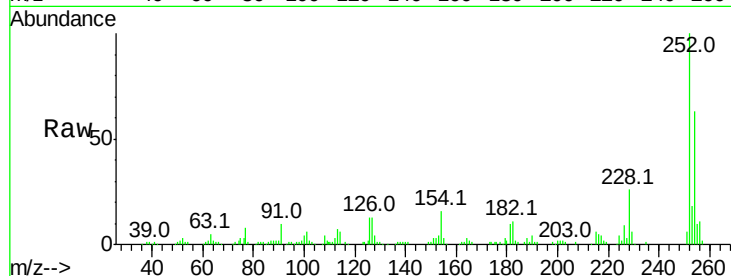




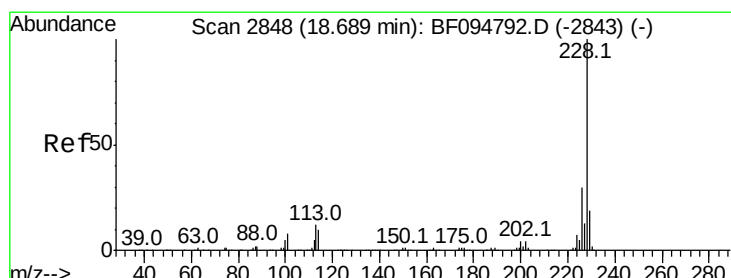
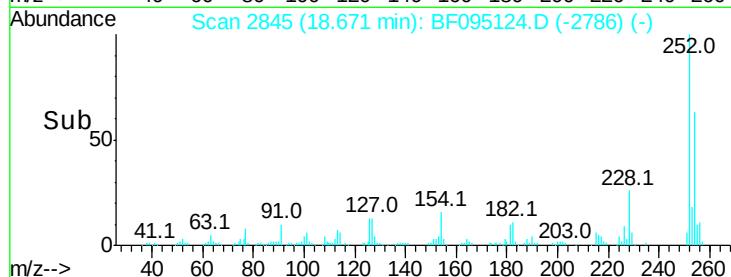
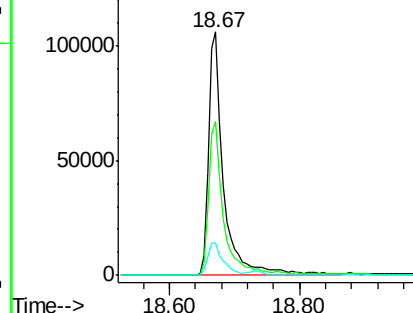
#81
 3,3'-Dichlorobenzidine
 Concen: 38.08 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. 0.05 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.5	77.3
126	13.2	15.8	23.8

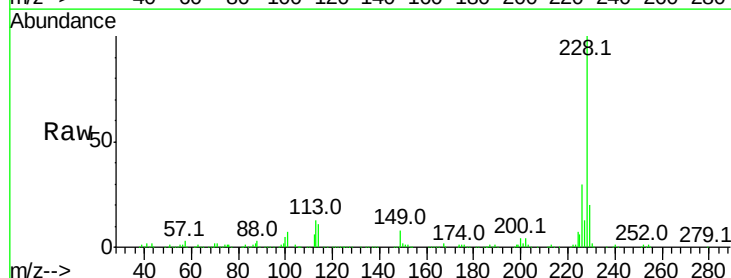


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

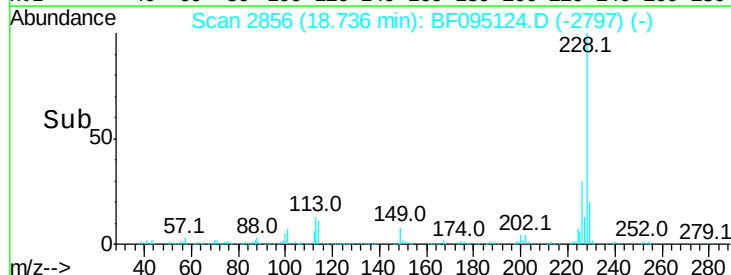
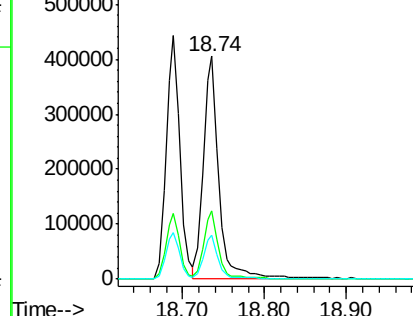


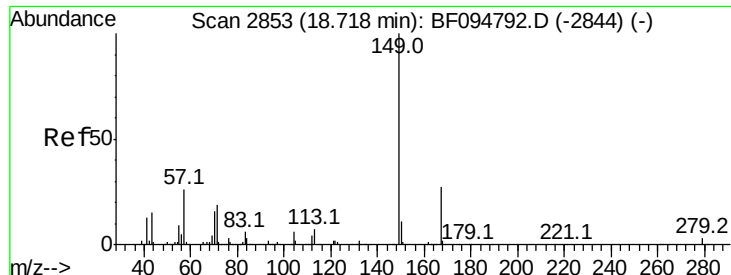
#82
 Chrysene
 Concen: 42.61 ng
 RT: 18.74 min Scan# 2856
 Delta R.T. 0.05 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.0	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.73 ng

RT: 18.75 min Scan# 2859

Delta R.T. 0.04 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampleId :

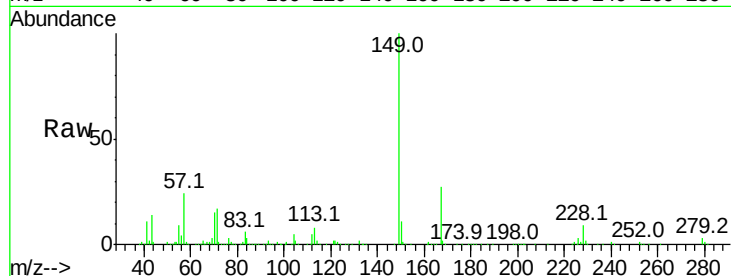
Tot Ion:149 Resp: 448816

Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

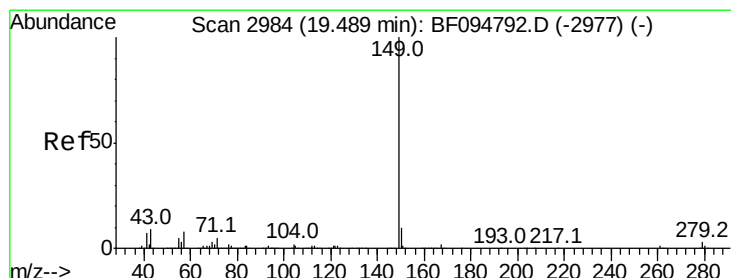
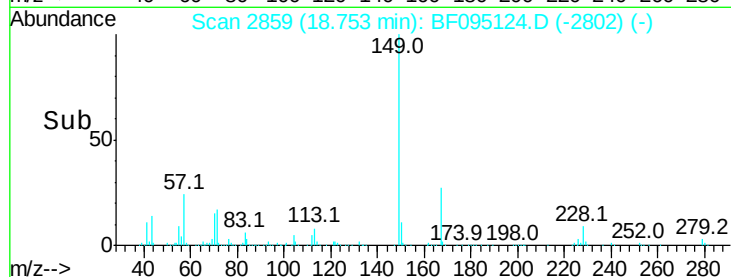
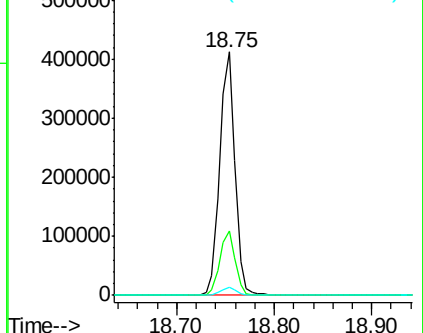
279 3.1 1.9 2.9#



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: 45.13 ng

RT: 19.52 min Scan# 2989

Delta R.T. 0.03 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

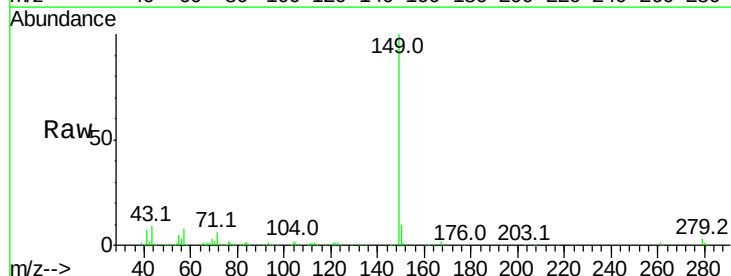
Tgt Ion:149 Resp: 815245

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

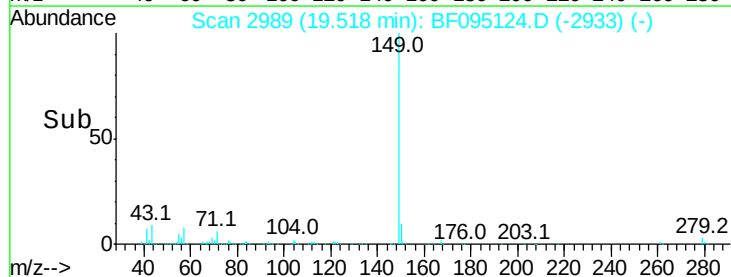
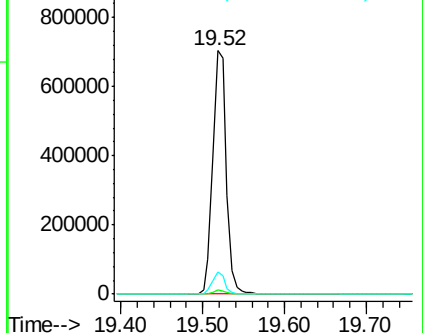
43 8.6 8.5 12.7

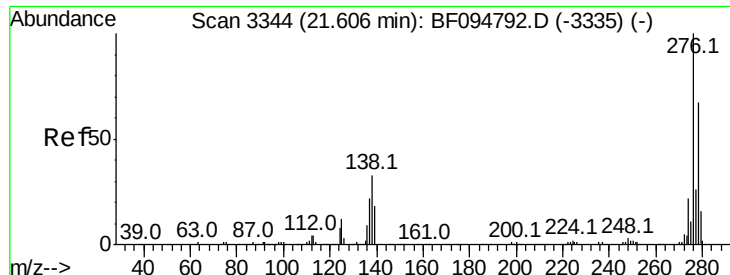


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

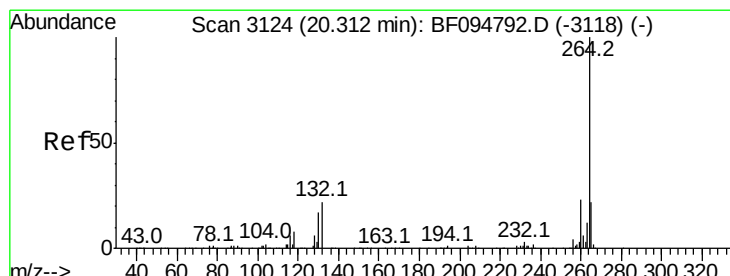
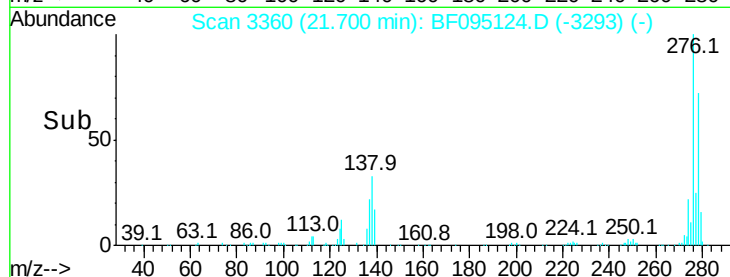
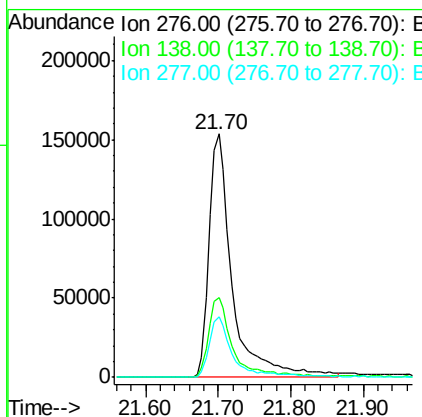
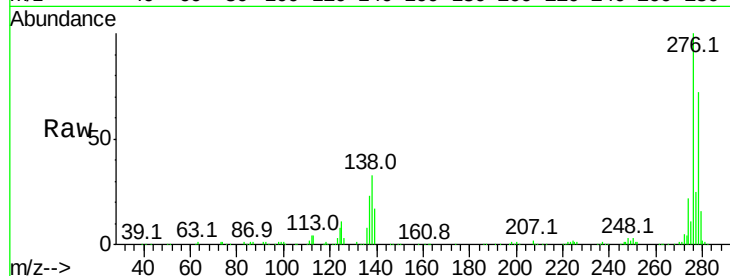




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.91 ng
 RT: 21.70 min Scan# 3360
 Delta R.T. 0.09 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

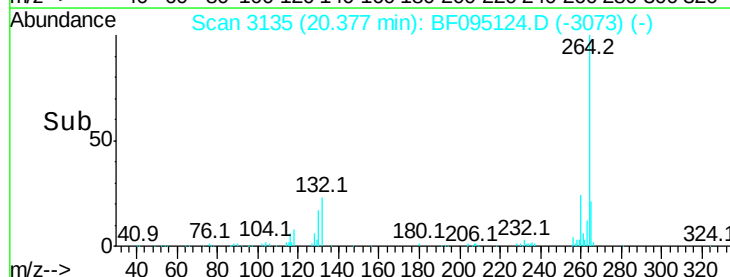
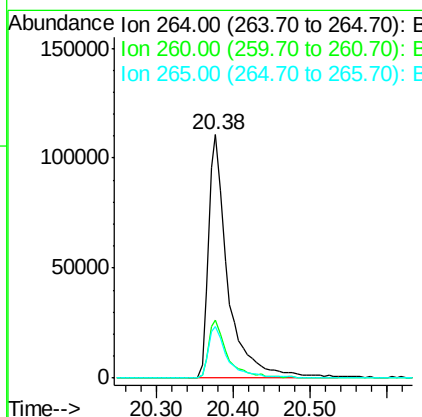
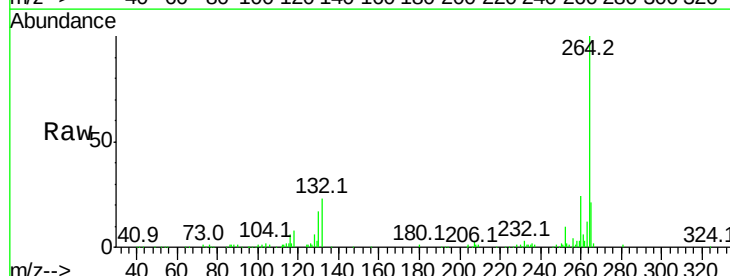
Instrument :
 BNA_F
 ClientSampleId :

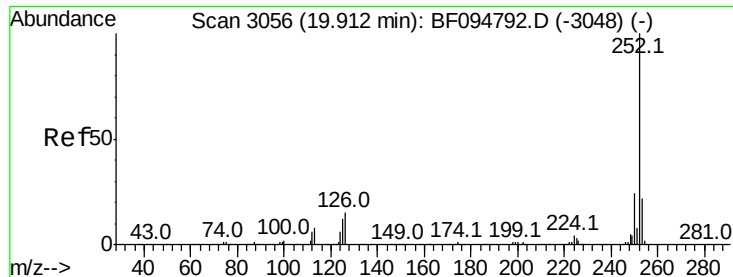
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.1	27.8	41.6
277	24.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.38 min Scan# 3135
 Delta R.T. 0.06 min
 Lab File: BF095124.D
 Acq: 15 May 2017 14:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 36.55 ng

RT: 19.97 min Scan# 3065

Delta R.T. 0.05 min

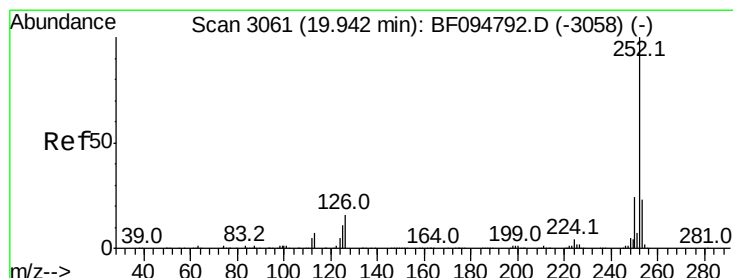
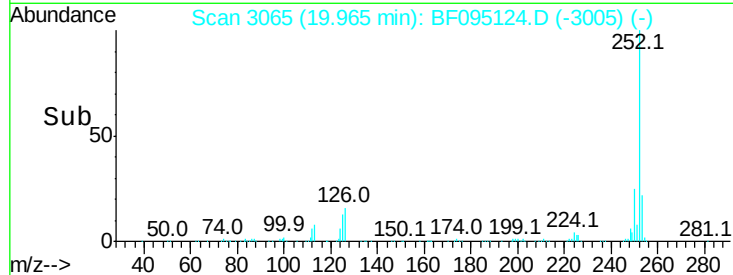
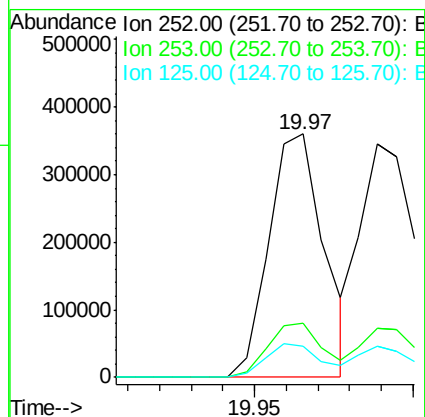
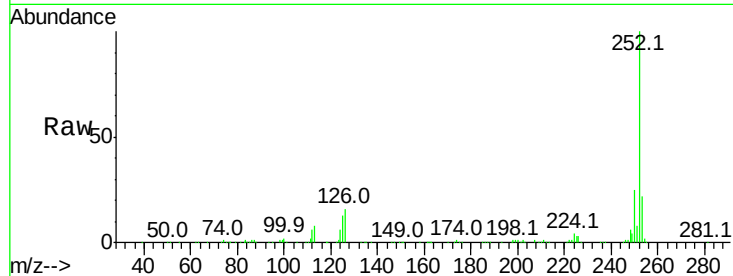
Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 434396

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	12.5	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 45.26 ng

RT: 19.99 min Scan# 3069

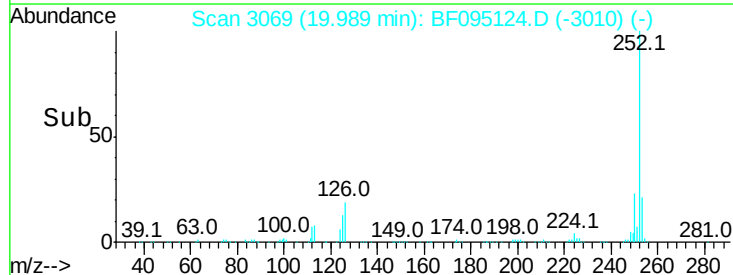
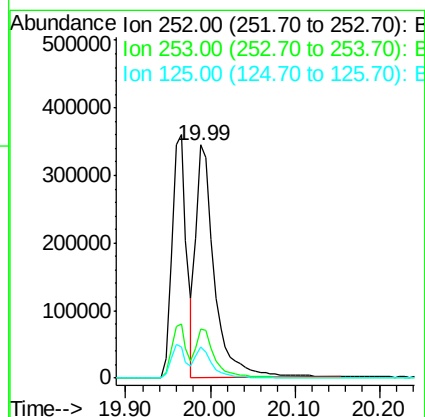
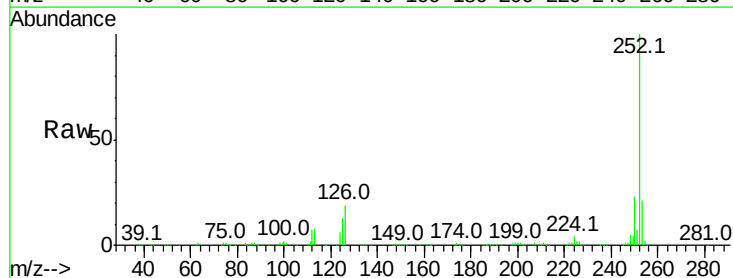
Delta R.T. 0.05 min

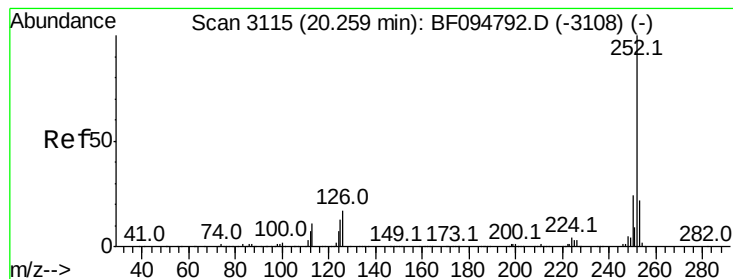
Lab File: BF095124.D

Acq: 15 May 2017 14:13

Tgt Ion:252 Resp: 518942

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.4	27.6
125	13.3	13.1	19.7





#89

Benzo(a)pyrene

Concen: 39.55 ng

RT: 20.32 min Scan# 3125

Delta R.T. 0.06 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampleId :

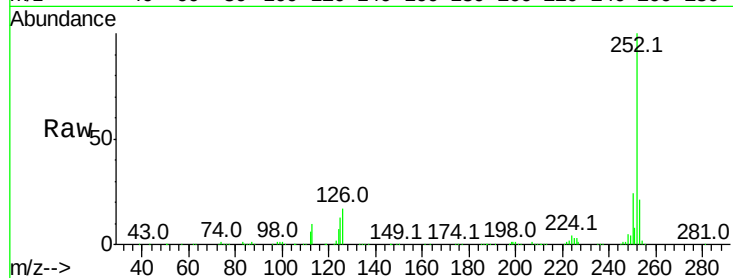
Tot Ion:252 Resp: 433767

Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

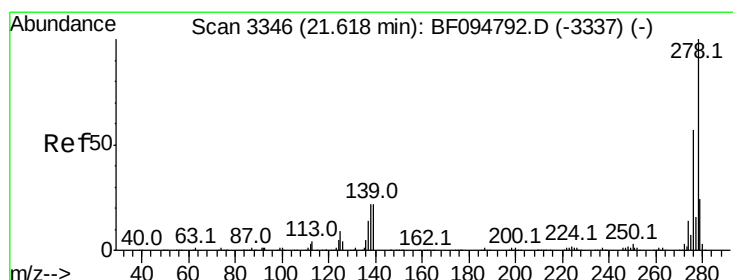
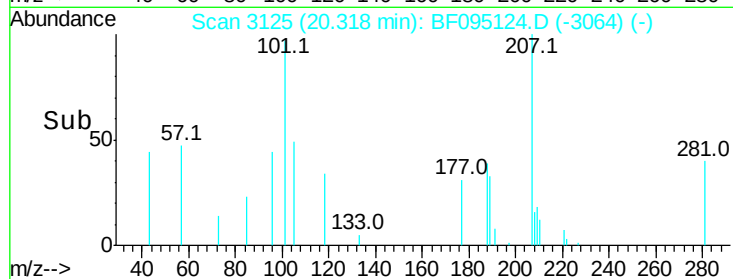
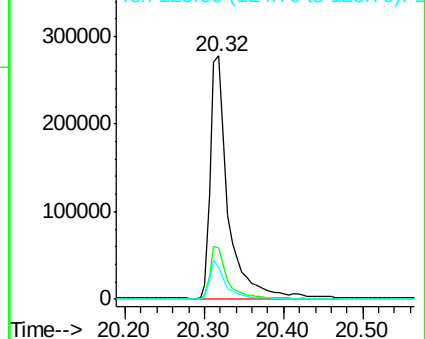
125 13.3 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 31.86 ng

RT: 21.71 min Scan# 3361

Delta R.T. 0.09 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

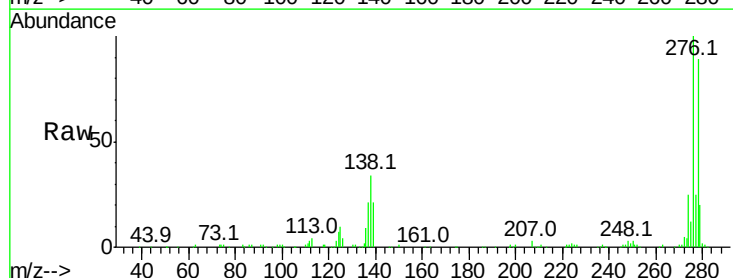
Tgt Ion:278 Resp: 288598

Ion Ratio Lower Upper

278 100

139 23.4 16.6 24.8

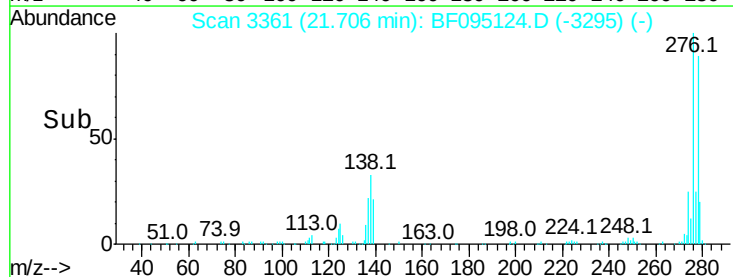
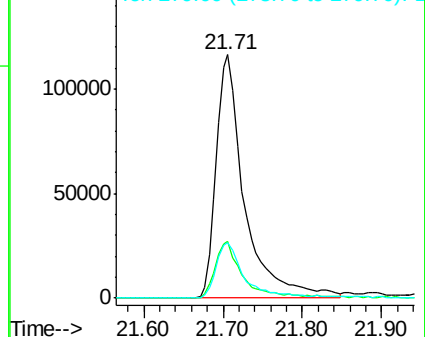
279 22.9 19.3 28.9

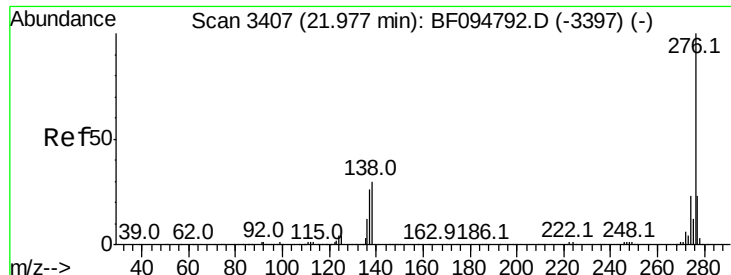


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.04 ng

RT: 22.09 min Scan# 3426

Delta R.T. 0.11 min

Lab File: BF095124.D

Acq: 15 May 2017 14:13

Instrument :

BNA_F

ClientSampleId :

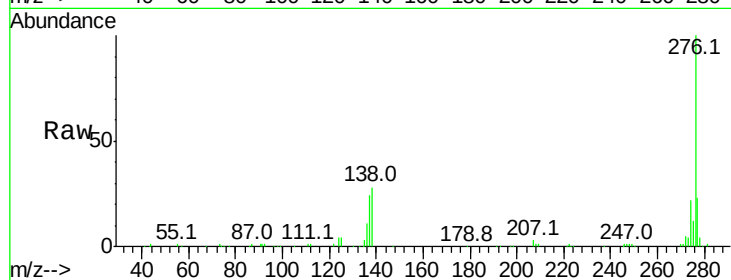
Tot Ion: 276 Resp: 329268

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 27.8 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

