

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095570.D
 Acq On : 31 May 2017 18:31
 Operator : SJ/MA
 Sample : I3329-06MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 01 01:32:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	414573	20.00	ng	0.05
21) Naphthalene-d8	9.58	136	404183	20.00	ng	-0.18
38) Acenaphthene-d10	12.41	164	200494	20.00	ng	-0.18
63) Phenanthrene-d10	14.81	188	343829	20.00	ng	-0.19
75) Chrysene-d12	18.51	240	194652	20.00	ng	-0.16
86) Perylene-d12	20.18	264	189375	20.00	ng	-0.18

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	949862	38.20	ng	-0.23
7) Phenol-d6	7.12	99	1146322	38.42	ng	-0.18
23) Nitrobenzene-d5	8.47	82	697829	108.87	ng	-0.18
41) 2,4,6-Tribromophenol	13.71	330	225703	137.46	ng	-0.19
44) 2-Fluorobiphenyl	11.37	172	1267157	90.97	ng	-0.17
78) Terphenyl-d14	17.17	244	965894	109.29	ng	-0.16

Target Compounds						Qvalue
2) 1,4-Dioxane	1.93	88	122452	10.04	ng	94
6) Aniline	7.05	93	228726	6.07	ng	96
8) 2-Chlorophenol	7.24	128	363094	12.83	ng	96
9) Benzaldehyde	6.87	77	81241	4.46	ng	99
10) Phenol	7.13	94	435245	13.84	ng	93
11) bis(2-Chloroethyl)ether	7.20	93	309908	11.94	ng	96
12) 1,3-Dichlorobenzene	7.58	146	379552	11.82	ng	97
13) 1,4-Dichlorobenzene	7.81	146	358401	11.01	ng	96
14) 1,2-Dichlorobenzene	7.81	146	358401	11.79	ng	96
15) Benzyl Alcohol	7.85	79	297039	15.48	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.05	45	438706	11.94	ng	96
17) 2-Methylphenol	8.08	107	281699	12.16	ng	96
19) n-Nitroso-di-n-propylamine	8.28	70	256613	12.72	ng	92
20) 3+4-Methylphenols	8.35	107	398771	12.67	ng	# 61
22) Acetophenone	8.24	105	499462	51.50	ng	# 85
24) Nitrobenzene	8.50	77	359873	53.57	ng	94
25) Isophorone	8.90	82	650136	56.80	ng	95
26) 2-Nitrophenol	9.01	139	196305	54.15	ng	98
27) 2,4-Dimethylphenol	9.15	122	313232	53.44	ng	98
28) bis(2-Chloroethoxy)methane	9.27	93	429736	54.28	ng	99
29) 2,4-Dichlorophenol	9.45	162	290647	52.52	ng	98
30) 1,2,4-Trichlorobenzene	9.51	180	268341	45.26	ng	99
31) Naphthalene	9.62	128	965716	47.54	ng	100
32) Benzoic acid	9.51	122	1827	5.51	ng	# 13
33) 4-Chloroaniline	9.78	127	191797	25.34	ng	# 92
34) Hexachlorobutadiene	9.84	225	142991	45.71	ng	97
35) Caprolactam	10.39	113	64691	38.93	ng	91
36) 4-Chloro-3-methylphenol	10.64	107	333004	56.28	ng	91
37) 2-Methylnaphthalene	10.75	142	713899	53.55	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.02	216	273994	44.44	ng	100
40) Hexachlorocyclopentadiene	11.00	237	119082	48.52	ng	97
42) 2,4,6-Trichlorophenol	11.25	196	179653	43.64	ng	99
43) 2,4,5-Trichlorophenol	11.35	196	184680	41.74	ng	94
45) 1,1'-Biphenyl	11.51	154	789642	46.78	ng	97

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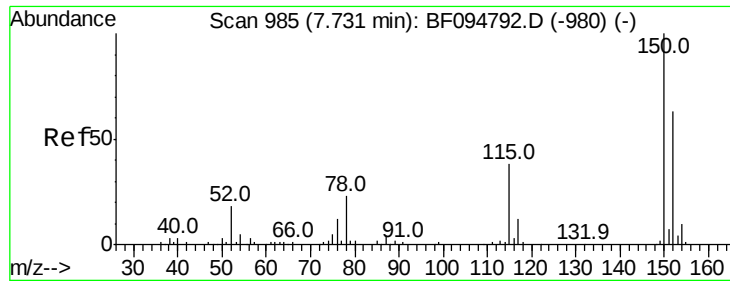
Instrument :
 BNA_F
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) 2-Chloronaphthalene	11.53	162	615917	45.19	nq	96
47) 2-Nitroaniline	11.75	65	192215	51.52	nq	# 80
48) Acenaphthylene	12.18	152	1002778	46.97	nq	98
49) Dimethylphthalate	12.07	163	939370	57.07	nq	98
50) 2,6-Dinitrotoluene	12.17	165	169401	50.45	nq	93
51) Acenaphthene	12.47	154	573766	45.00	nq	99
52) 3-Nitroaniline	12.43	138	120257	33.37	nq	88
53) 2,4-Dinitrophenol	12.69	184	6252	9.36	nq	# 64
54) Dibenzofuran	12.75	168	887865	50.32	nq	99
55) 4-Nitrophenol	12.83	139	141605	65.42	nq	# 68
56) 2,4-Dinitrotoluene	12.83	165	230037	53.31	nq	# 88
57) Fluorene	13.31	166	702360	45.77	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.00	232	122083	43.84	nq	# 94
59) Diethylphthalate	13.21	149	731714	46.38	nq	99
60) 4-Chlorophenyl-phenylether	13.34	204	309391	45.88	nq	89
61) 4-Nitroaniline	13.43	138	164698	49.78	nq	95
62) Azobenzene	13.59	77	665752	52.52	nq	93
64) 4,6-Dinitro-2-methylphenol	13.51	198	37949	16.46	nq	78
65) n-Nitrosodiphenylamine	13.55	169	626078	50.17	nq	100
66) 4-Bromophenyl-phenylether	14.12	248	177603	48.89	nq	98
67) Hexachlorobenzene	14.21	284	174364	46.84	nq	# 88
68) Atrazine	14.47	200	188113	53.39	nq	96
69) Pentachlorophenol	14.57	266	73758	46.47	nq	97
70) Phenanthrene	14.85	178	956321	48.41	nq	98
71) Anthracene	14.94	178	985967	48.86	nq	99
72) Carbazole	15.22	167	941525	51.28	nq	98
73) Di-n-butylphthalate	15.80	149	1089878	47.60	nq	99
74) Fluoranthene	16.61	202	927212	45.75	nq	99
76) Benzidine	16.84	184	242843	46.39	nq	# 93
77) Pyrene	16.91	202	899893	61.82	nq	99
79) Butylbenzylphthalate	17.82	149	418910	61.87	nq	88
80) Benzo(a)anthracene	18.49	228	588174	51.92	nq	99
81) 3,3'-Dichlorobenzidine	18.48	252	153840	39.32	nq	97
82) Chrysene	18.54	228	525436	47.97	nq	98
83) Bis(2-ethylhexyl)phthalate	18.57	149	520292	53.93	nq	# 99
84) Di-n-octyl phthalate	19.34	149	853747	53.97	nq	97
85) Indeno(1,2,3-cd)pyrene	21.43	276	591258	66.47	nq	99
87) Benzo(b)fluoranthene	19.78	252	560796	47.92	nq	98
88) Benzo(k)fluoranthene	19.80	252	509395	45.13	nq	98
89) Benzo(a)pyrene	20.12	252	510851	47.31	nq	98
90) Dibenzo(a,h)anthracene	21.42	278	487260	54.64	nq	97
91) Benzo(g,h,i)perylene	21.78	276	518239	59.22	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 1012

Delta R.T. 0.05 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

Instrument :

BNA_F

ClientSampled :

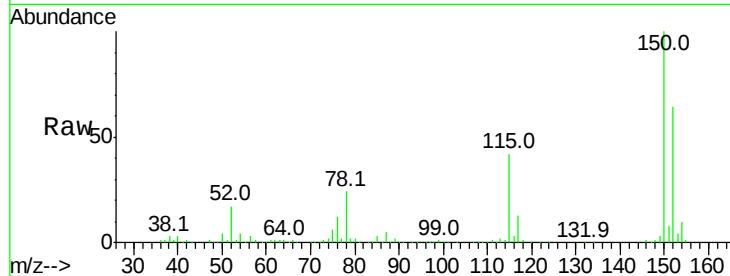
Tot Ion:152 Resp: 414573

Ion Ratio Lower Upper

152 100

150 157.1 126.2 189.2

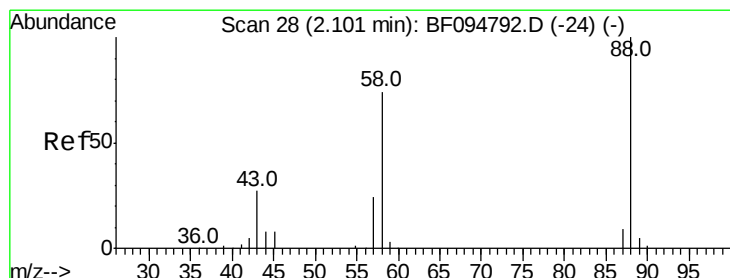
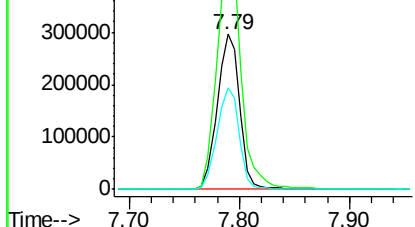
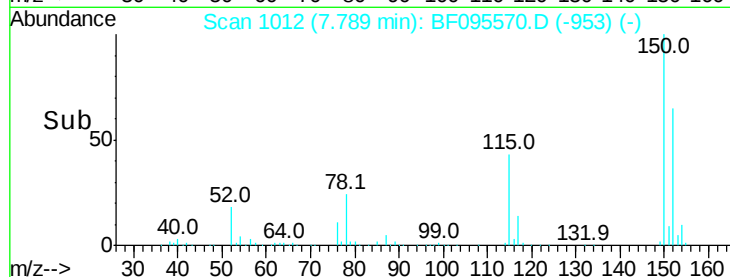
115 65.8 52.2 78.2



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: 10.04 ng

RT: 1.93 min Scan# 15

Delta R.T. -0.26 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

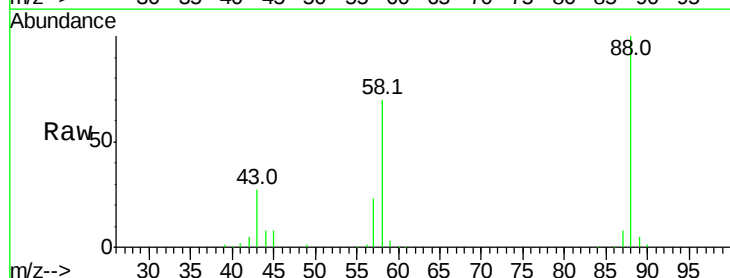
Tgt Ion: 88 Resp: 122452

Ion Ratio Lower Upper

88 100

58 70.9 61.4 92.0

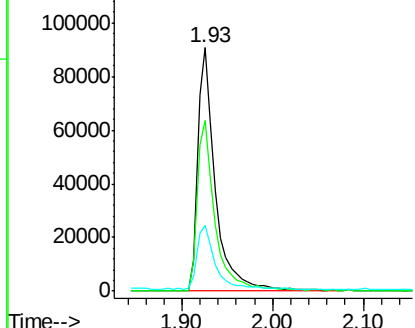
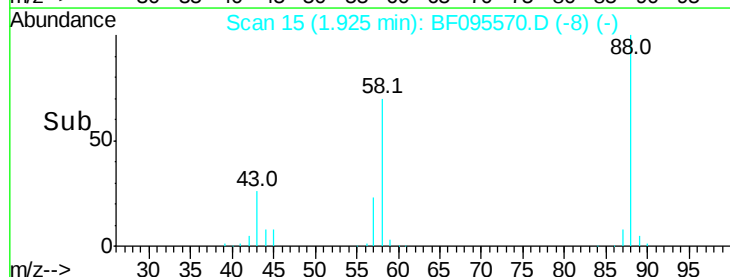
43 27.8 23.4 35.0

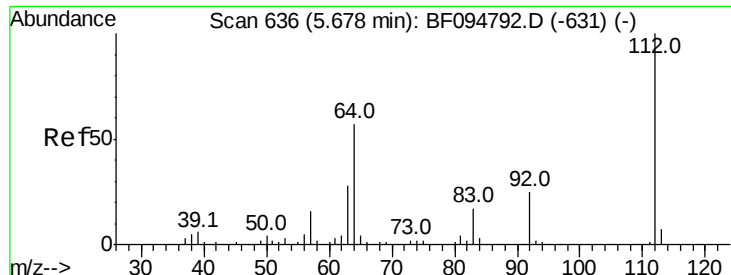


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 38.20 ng

RT: 5.48 min Scan# 619

Delta R.T. -0.23 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

Instrument :

BNA_F

ClientSampleId :

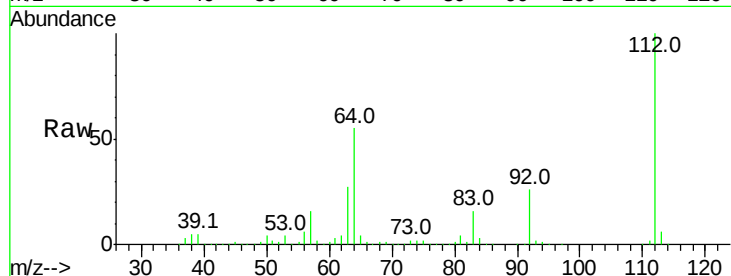
Tot Ion: 112 Resp: 949862

Ion Ratio Lower Upper

112 100

64 55.2 46.0 69.0

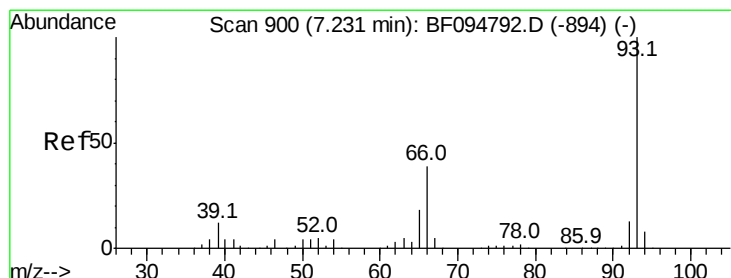
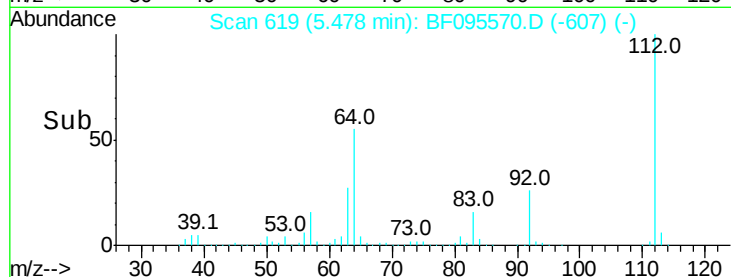
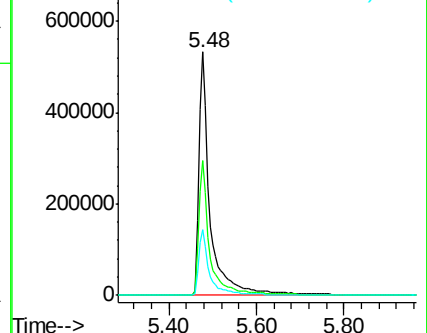
63 27.1 23.4 35.0



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: 6.07 ng

RT: 7.05 min Scan# 887

Delta R.T. -0.20 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

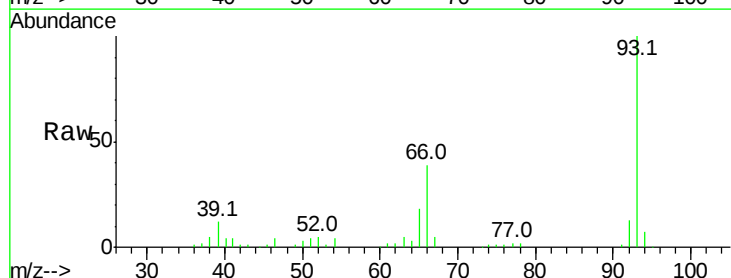
Tgt Ion: 93 Resp: 228726

Ion Ratio Lower Upper

93 100

66 38.8 32.9 49.3

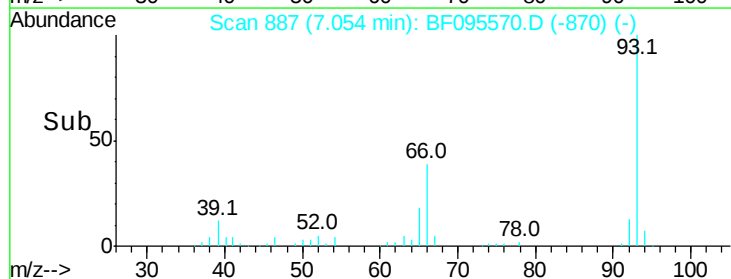
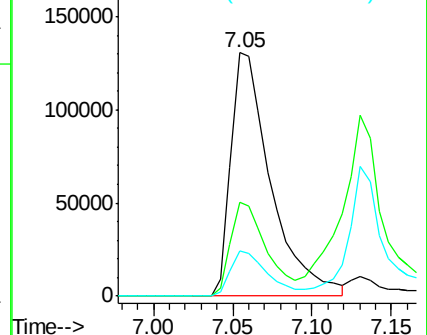
65 18.3 16.0 24.0

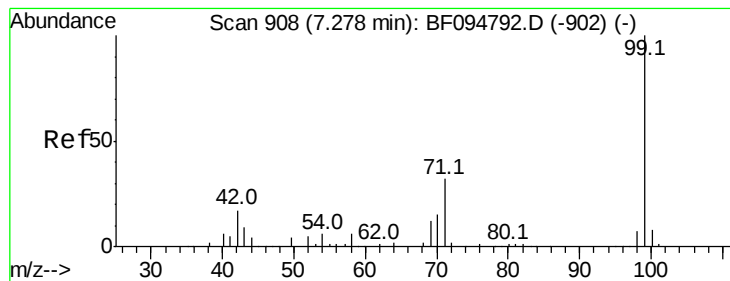


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 38.42 ng

RT: 7.12 min Scan# 898

Delta R.T. -0.18 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

Instrument :

BNA_F

ClientSampleId :

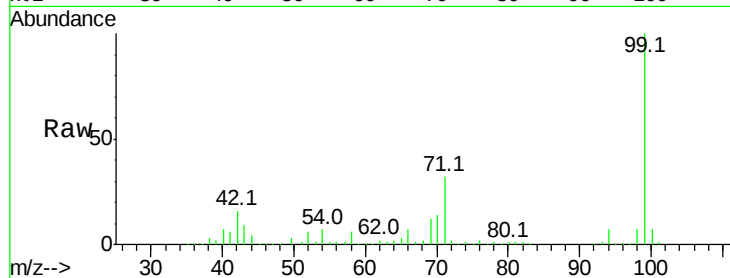
Tot Ion: 99 Resp: 1146322

Ion Ratio Lower Upper

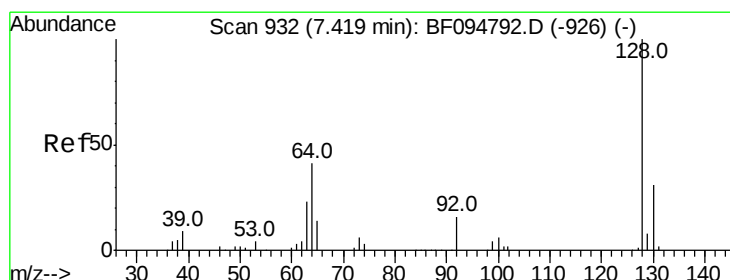
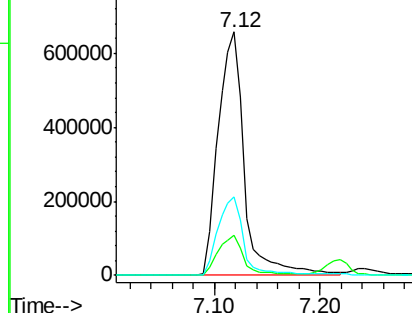
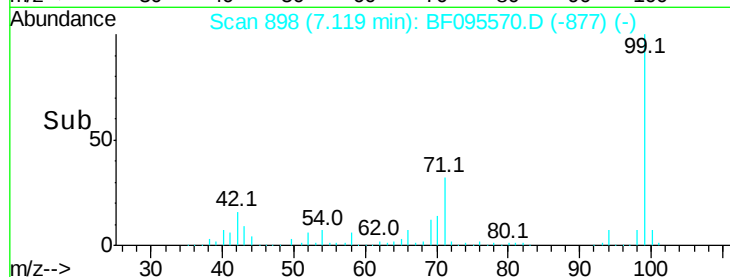
99 100

42 16.5 13.5 20.3

71 32.1 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: 12.83 ng

RT: 7.24 min Scan# 919

Delta R.T. -0.20 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

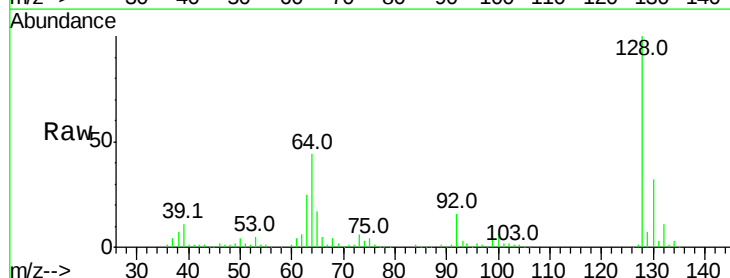
Tgt Ion: 128 Resp: 363094

Ion Ratio Lower Upper

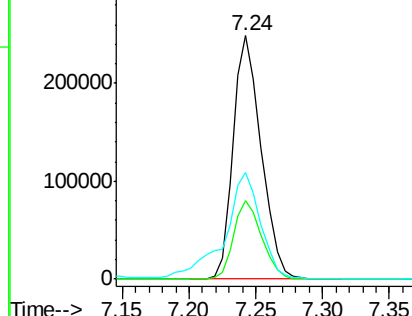
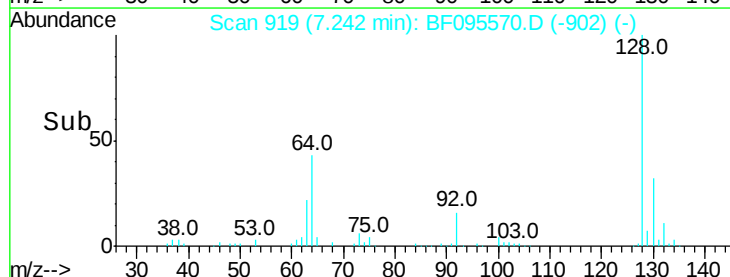
128 100

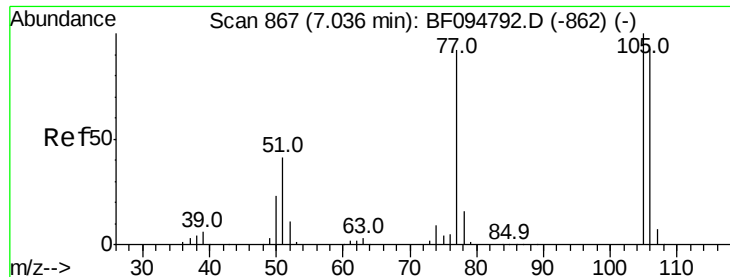
130 32.5 12.9 52.9

64 44.0 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

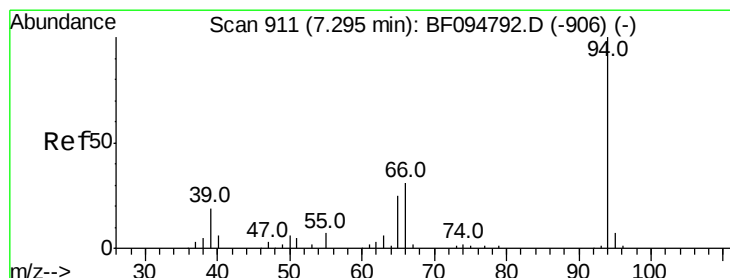
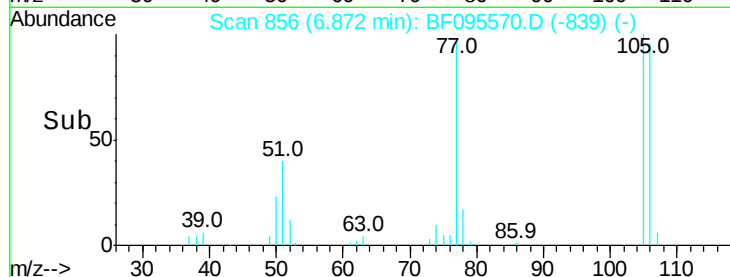
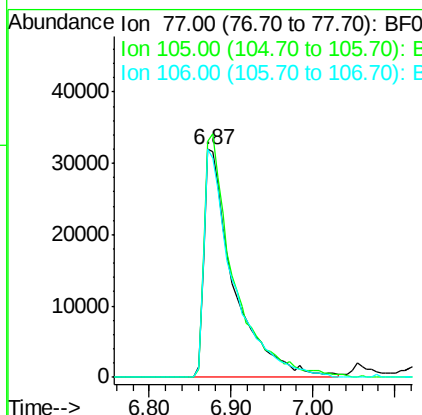
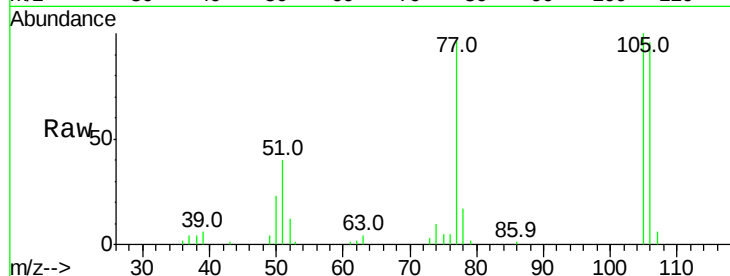




#9
Benzaldehyde
Concen: 4.46 ng
RT: 6.87 min Scan# 856
Delta R.T. -0.20 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

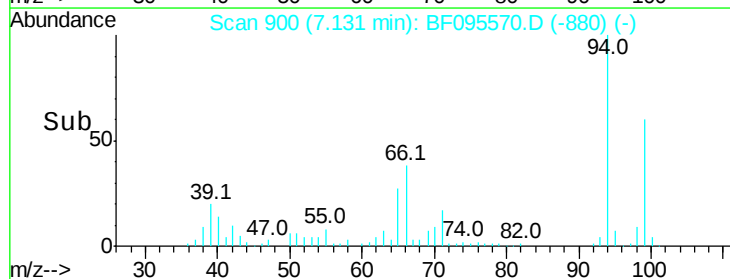
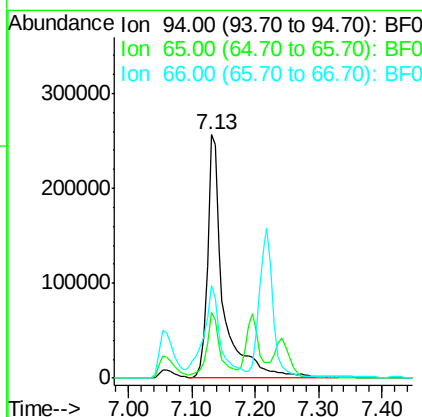
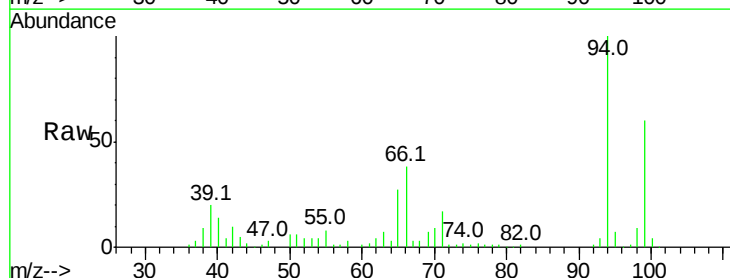
Instrument :
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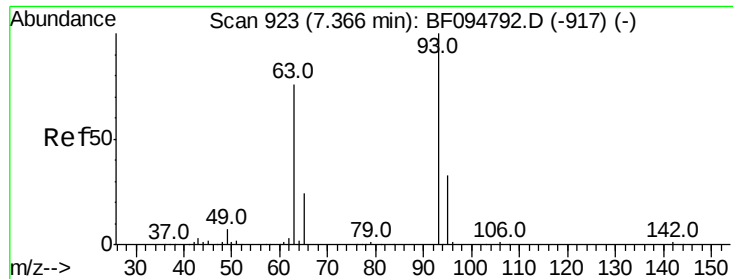
Tot Ion: 77 Resp: 81241
Ion Ratio Lower Upper
77 100
105 103.6 83.8 123.8
106 100.0 79.1 119.1



#10
Phenol
Concen: 13.84 ng
RT: 7.13 min Scan# 900
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Tgt Ion: 94 Resp: 435245
Ion Ratio Lower Upper
94 100
65 27.1 9.9 49.9
66 37.8 23.1 63.1



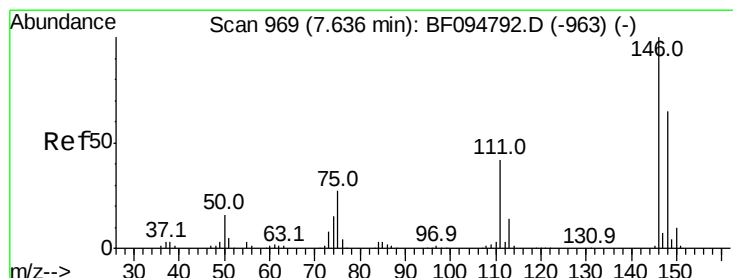
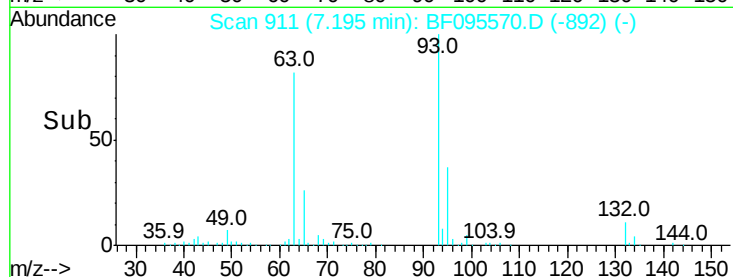
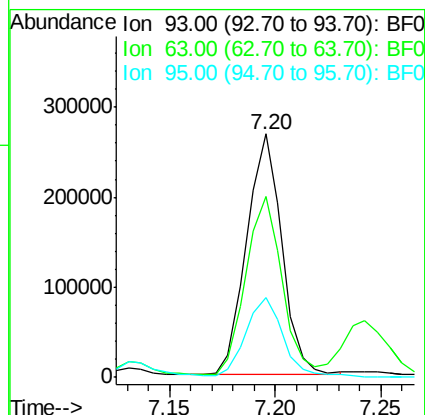
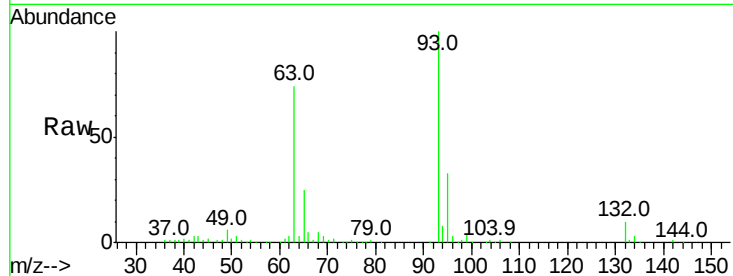


#11
 bis(2-Chloroethyl)ether
 Concen: 11.94 ng
 RT: 7.20 min Scan# 911
 Delta R.T. -0.19 min
 Lab File: BF095570.D
 Acq: 31 May 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 309908

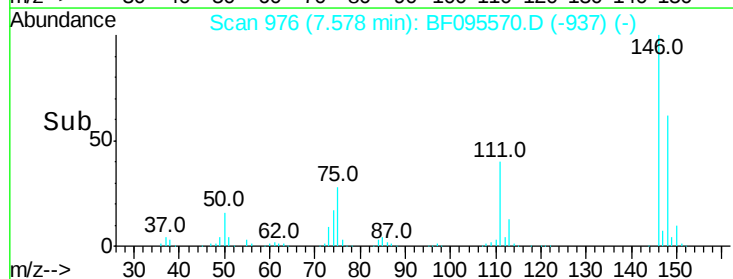
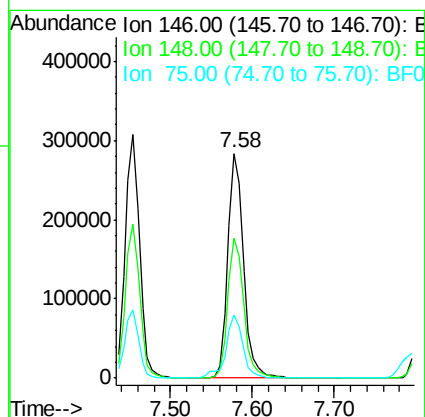
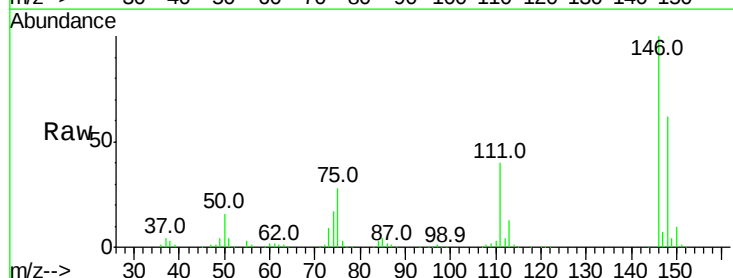
Ion	Ratio	Lower	Upper
93	100		
63	74.1	59.2	99.2
95	32.7	12.8	52.8

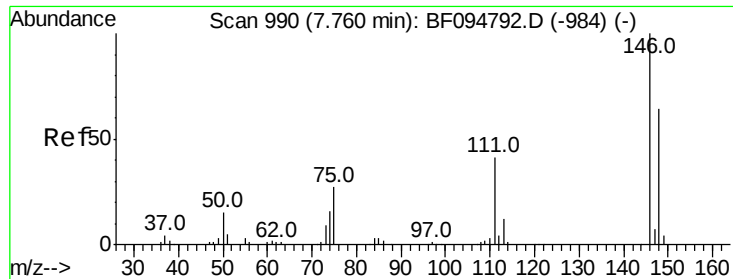


#12
 1,3-Dichlorobenzene
 Concen: 11.82 ng
 RT: 7.58 min Scan# 976
 Delta R.T. -0.07 min
 Lab File: BF095570.D
 Acq: 31 May 2017 18:31

Tgt Ion: 146 Resp: 379552

Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.8	77.6
75	28.0	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 11.01 ng

RT: 7.81 min Scan# 1016

Delta R.T. 0.04 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

Instrument :

BNA_F

ClientSampleId :

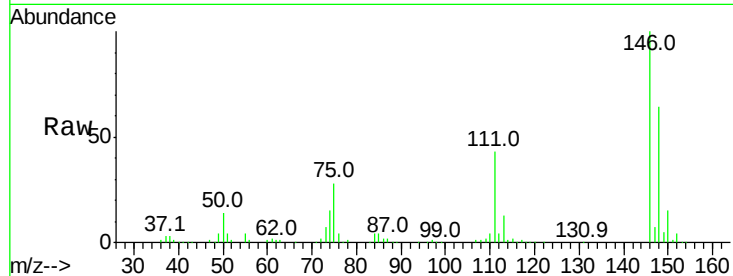
Tot Ion:146 Resp: 358401

Ion Ratio Lower Upper

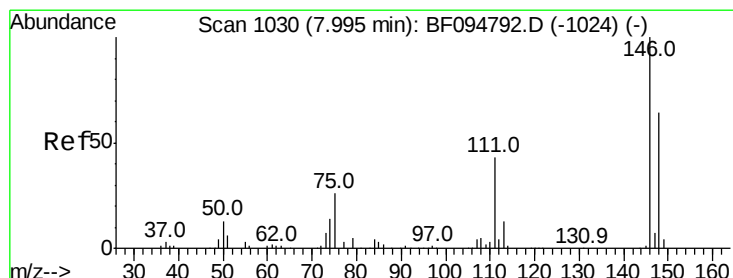
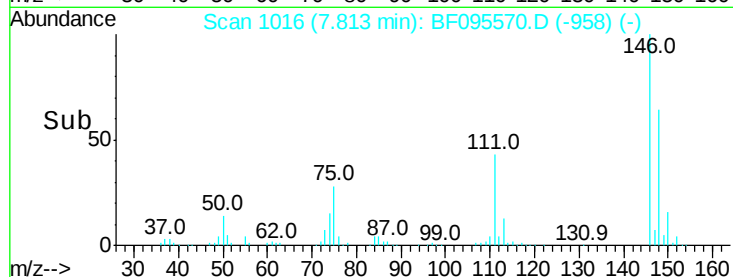
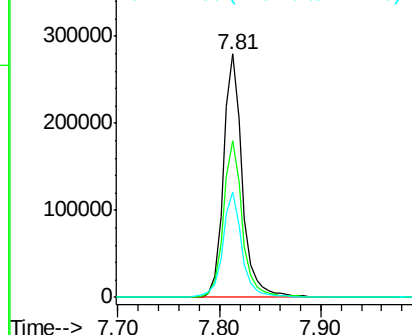
146 100

148 64.2 52.2 78.2

111 43.0 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 11.79 ng

RT: 7.81 min Scan# 1016

Delta R.T. -0.19 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

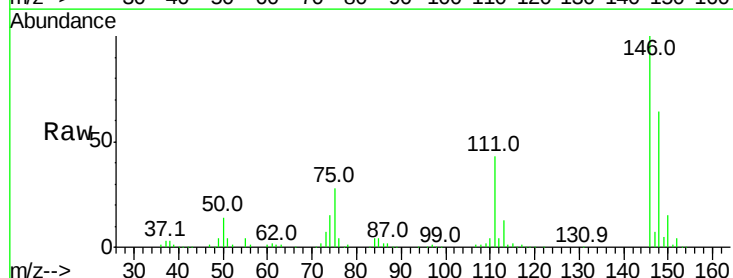
Tgt Ion:146 Resp: 358401

Ion Ratio Lower Upper

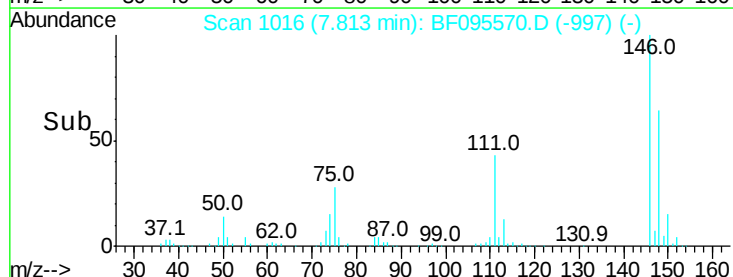
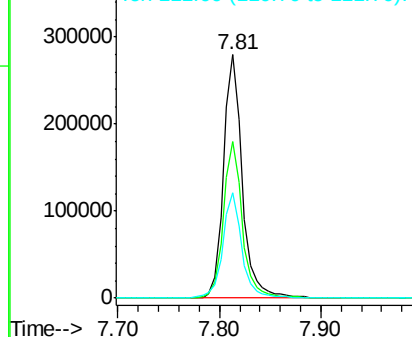
146 100

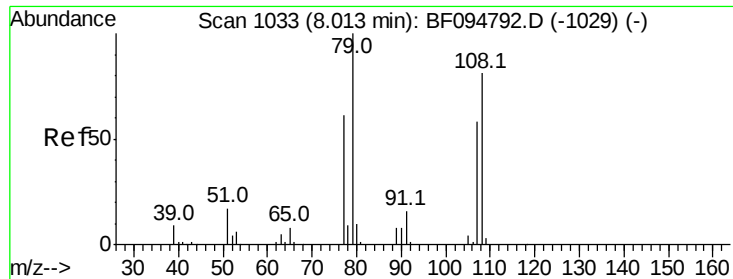
148 64.2 50.4 75.6

111 43.0 38.2 57.4



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

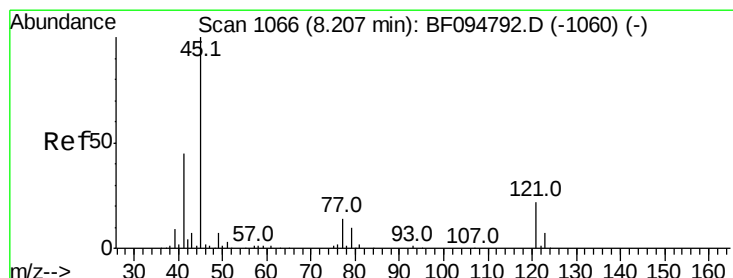
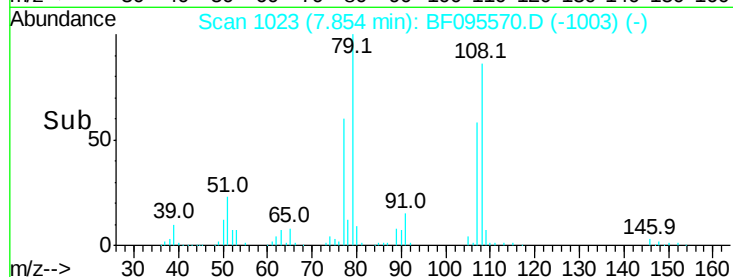
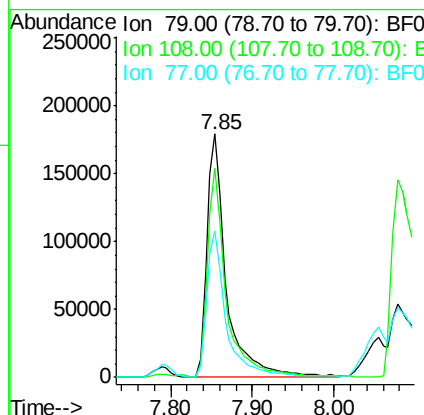
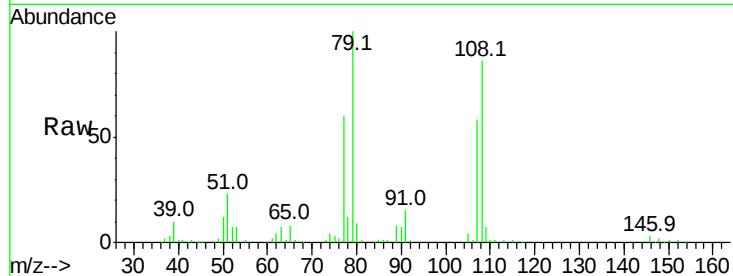




#15
Benzyl Alcohol
Concen: 15.48 ng
RT: 7.85 min Scan# 1023
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

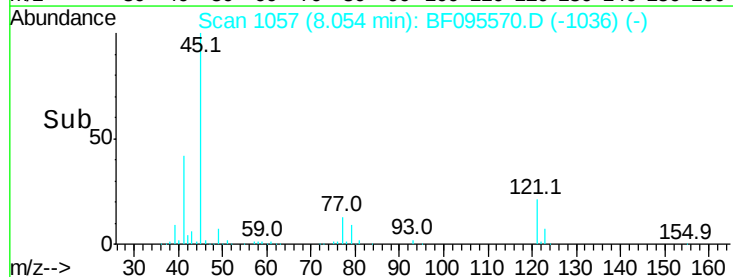
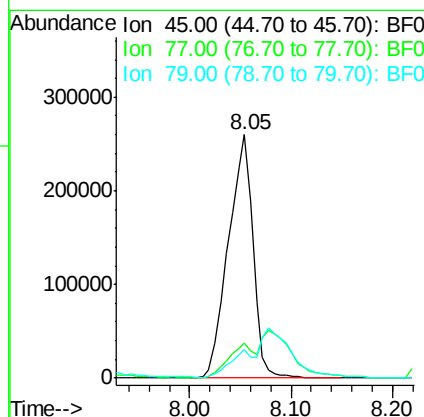
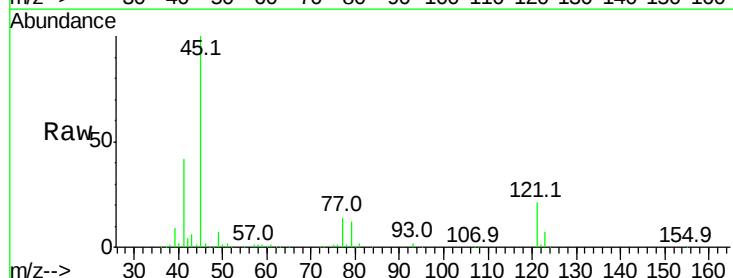
Instrument :
BNA_F
ClientSampled :

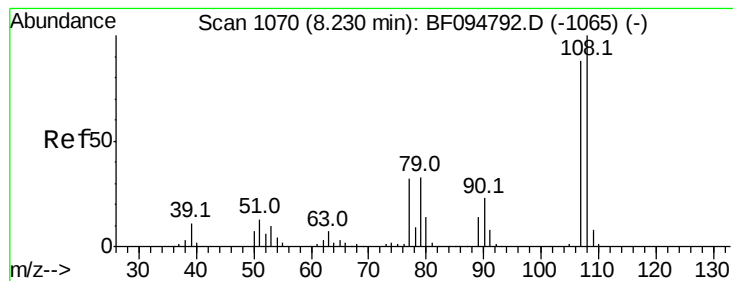
Tot Ion: 79 Resp: 297039
Ion Ratio Lower Upper
79 100
108 86.0 63.4 95.0
77 60.3 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.94 ng
RT: 8.05 min Scan# 1057
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Tgt Ion: 45 Resp: 438706
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.2
79 11.5 0.0 30.0

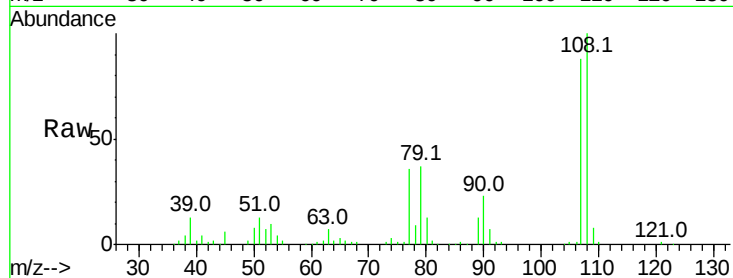




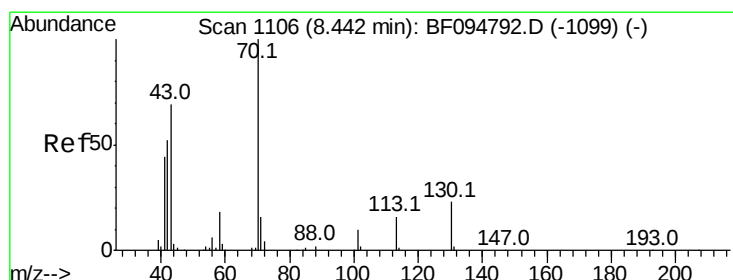
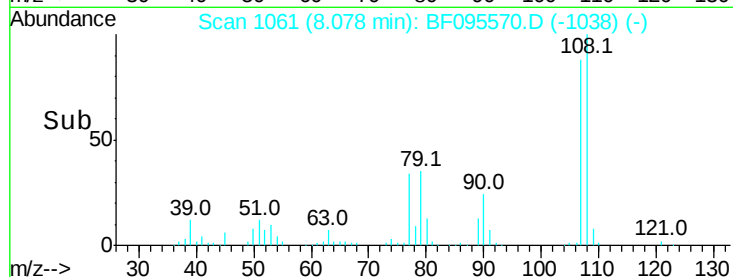
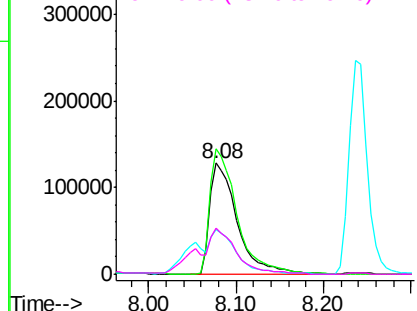
#17
2-Methylphenol
Concen: 12.16 ng
RT: 8.08 min Scan# 1061
Delta R.T. -0.16 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	281699
Ion	Ratio	Lower	Upper
107	100		
108	113.3	93.4	140.0
77	40.3	35.8	53.6
79	41.9	34.8	52.2

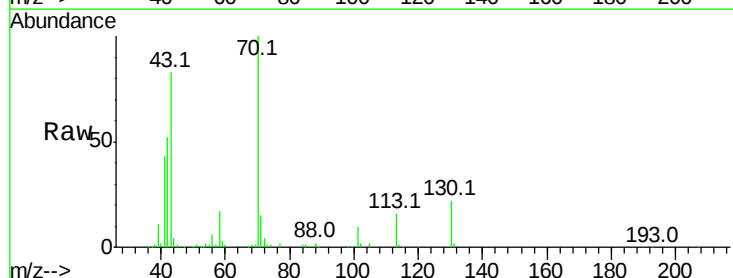


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

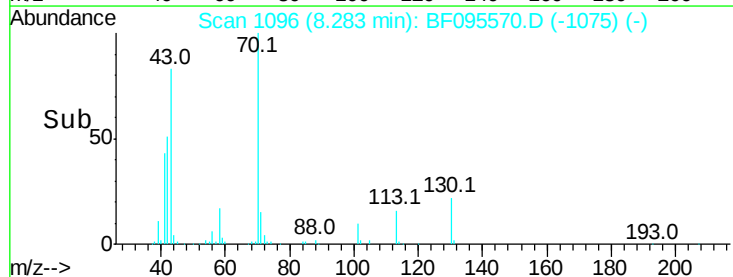
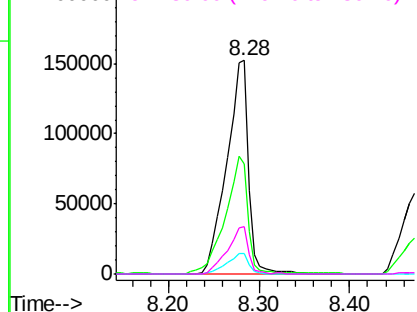


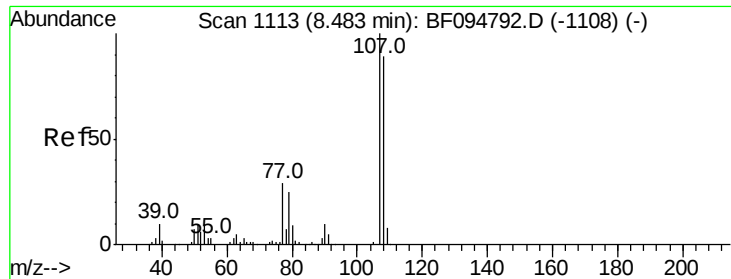
#19
n-Nitroso-di-n-propylamine
Concen: 12.72 ng
RT: 8.28 min Scan# 1096
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Tgt Ion:	70	Resp:	256613
Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.2	70.8
101	9.8	7.2	10.8
130	22.1	15.9	23.9



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

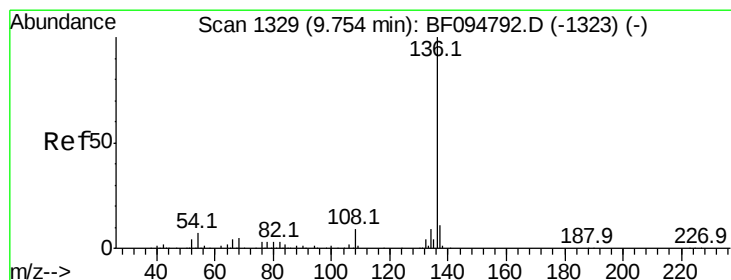
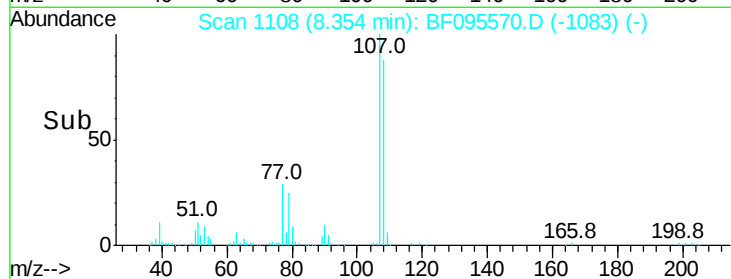
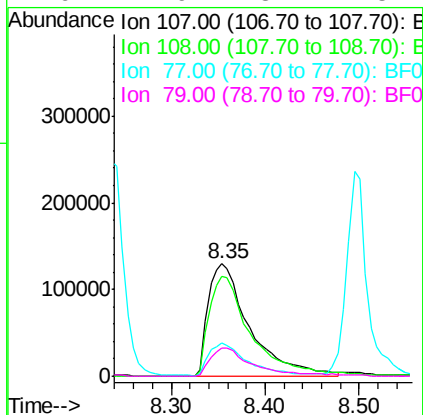
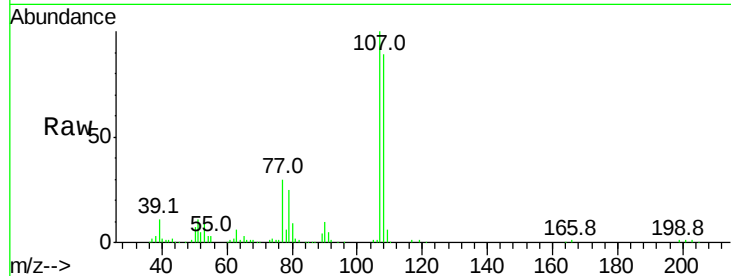




#20
3+4-Methylphenols
Concen: 12.67 ng
RT: 8.35 min Scan# 1108
Delta R.T. -0.15 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

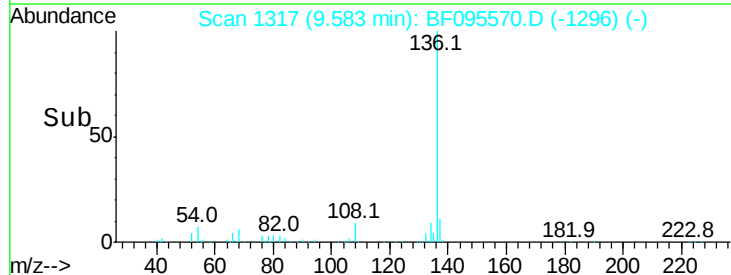
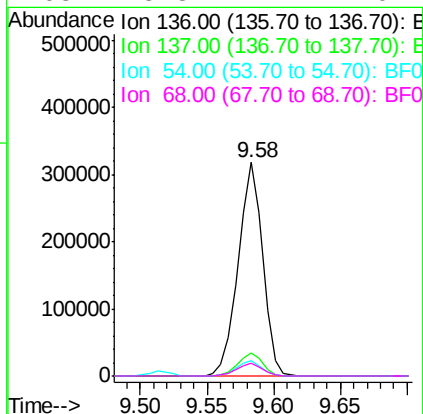
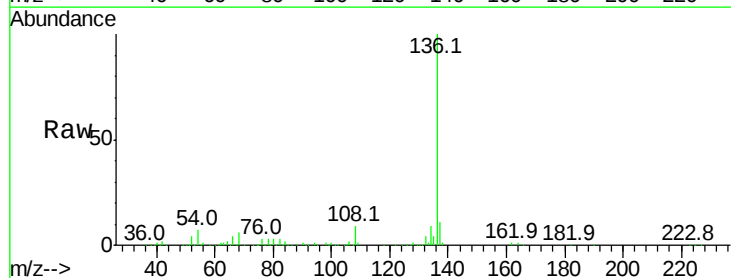
Instrument :
BNA_F
ClientSampled :

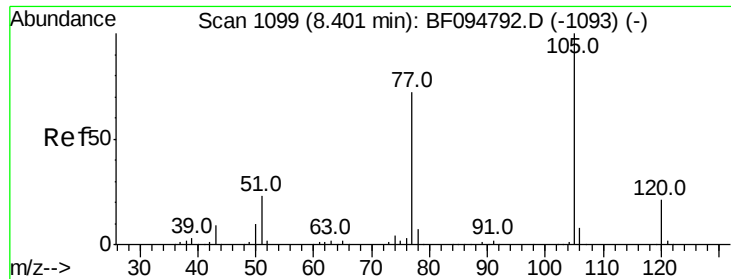
Tot Ion:107 Resp: 398771
Ion Ratio Lower Upper
107 100
108 88.5 71.0 111.0
77 29.5 90.5 130.5#
79 24.9 8.4 48.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.58 min Scan# 1317
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Tgt Ion:136 Resp: 404183
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 7.1 4.9 7.3
68 5.8 4.1 6.1

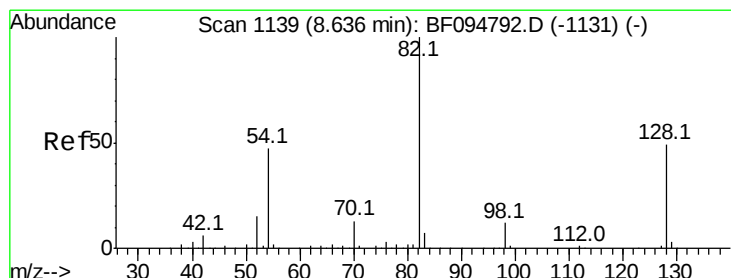
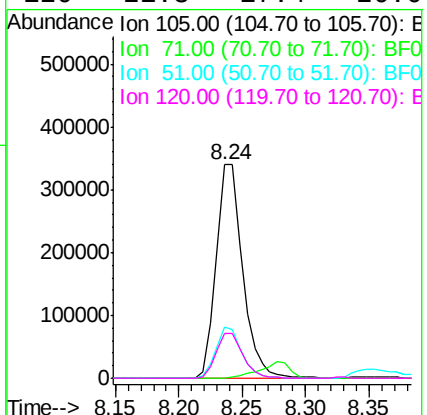
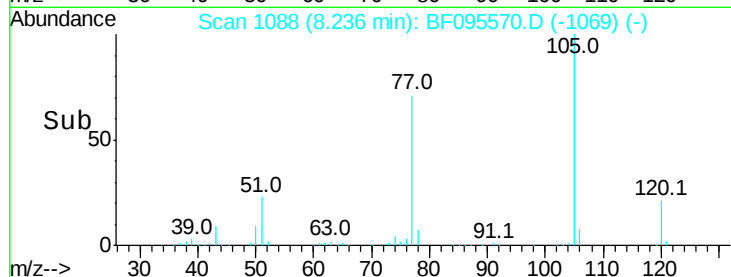
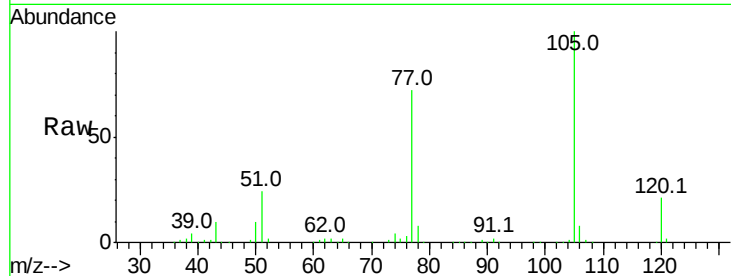




#22
 Acetophenone
 Concen: 51.50 ng
 RT: 8.24 min Scan# 1088
 Delta R.T. -0.19 min
 Lab File: BF095570.D
 Acq: 31 May 2017 18:31

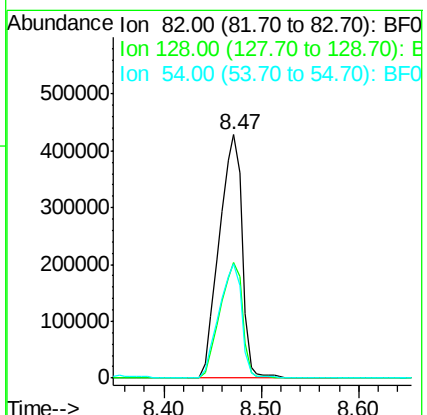
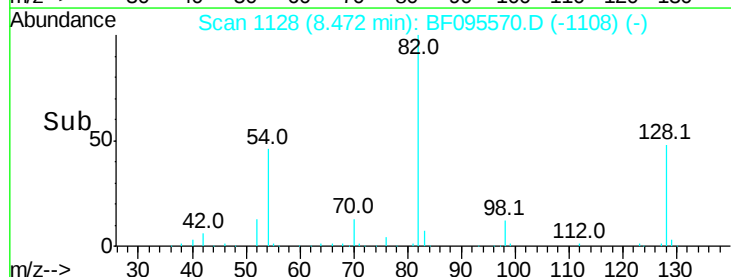
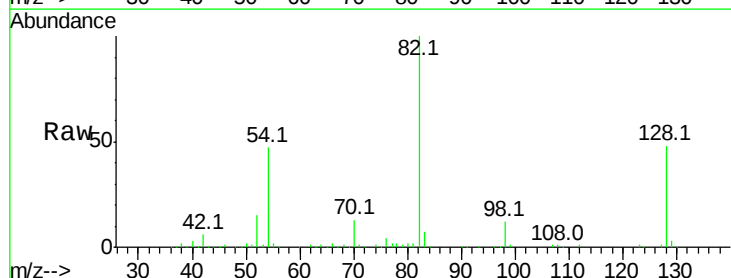
Instrument :
 BNA_F
 ClientSampleId :

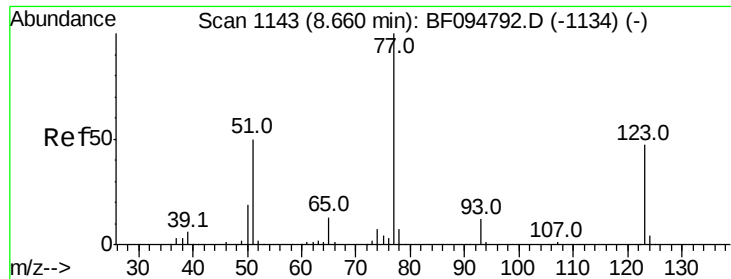
Tot Ion:	105	Resp:	499462
Ion Ratio	Lower	Upper	
105	100		
71	0.0	2.8	4.2#
51	23.8	30.7	46.1#
120	21.3	17.4	26.0



#23
 Nitrobenzene-d5
 Concen: 108.87 ng
 RT: 8.47 min Scan# 1128
 Delta R.T. -0.18 min
 Lab File: BF095570.D
 Acq: 31 May 2017 18:31

Tgt Ion:	82	Resp:	697829
Ion Ratio	Lower	Upper	
82	100		
128	47.5	34.0	51.0
54	46.7	42.2	63.2

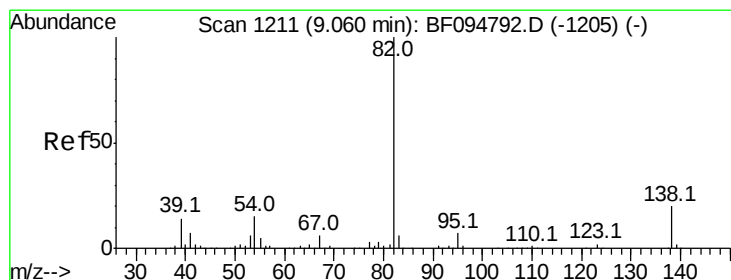
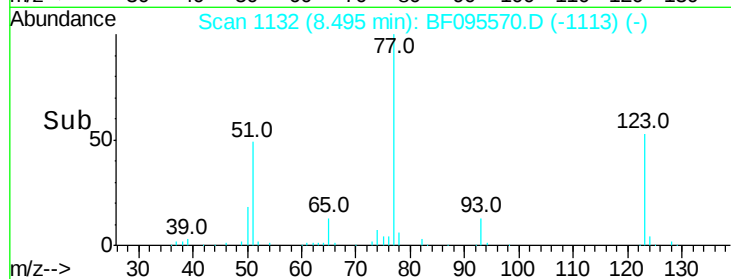
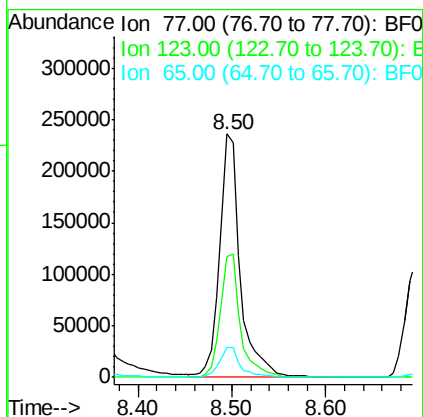
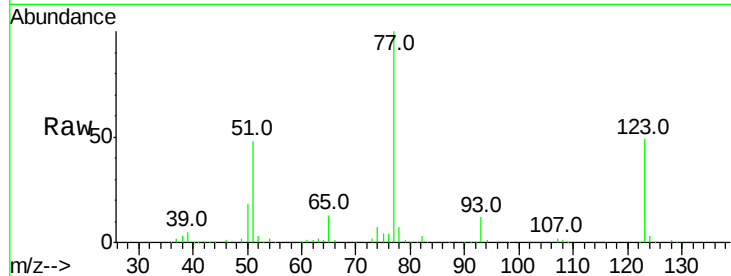




#24
 Nitrobenzene
 Concen: 53.57 ng
 RT: 8.50 min Scan# 1132
 Delta R.T. -0.19 min
 Lab File: BF095570.D
 Acq: 31 May 2017 18:31

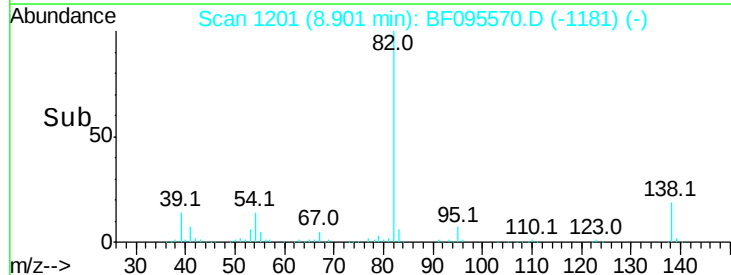
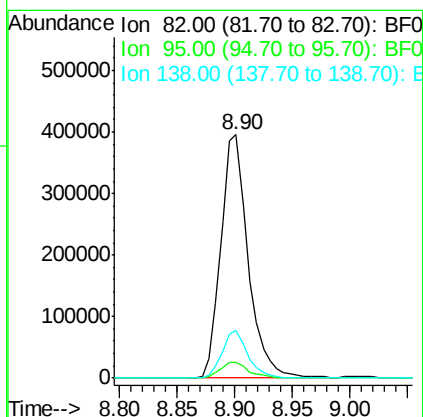
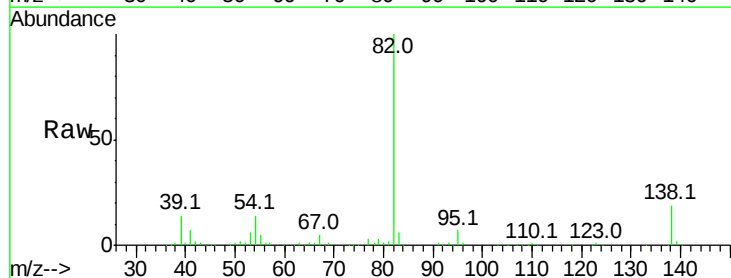
Instrument :
 BNA_F
 ClientSampleId :

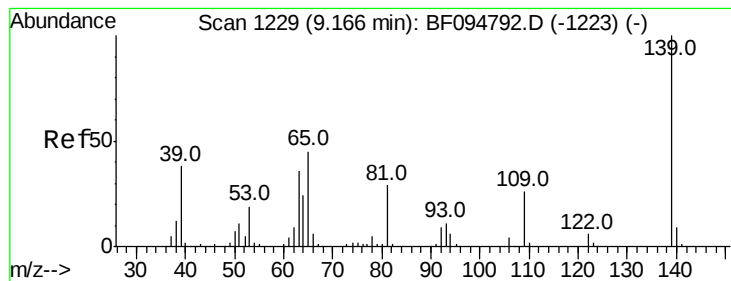
Tot Ion: 77 Resp: 359873
 Ion Ratio Lower Upper
 77 100
 123 49.4 35.8 53.8
 65 12.5 10.6 15.8



#25
 Isophorone
 Concen: 56.80 ng
 RT: 8.90 min Scan# 1201
 Delta R.T. -0.18 min
 Lab File: BF095570.D
 Acq: 31 May 2017 18:31

Tgt Ion: 82 Resp: 650136
 Ion Ratio Lower Upper
 82 100
 95 6.7 5.3 7.9
 138 19.4 13.1 19.7





#26

2-Nitrophenol

Concen: 54.15 ng

RT: 9.01 min Scan# 1219

Delta R.T. -0.18 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

Instrument :

BNA_F

ClientSampled :

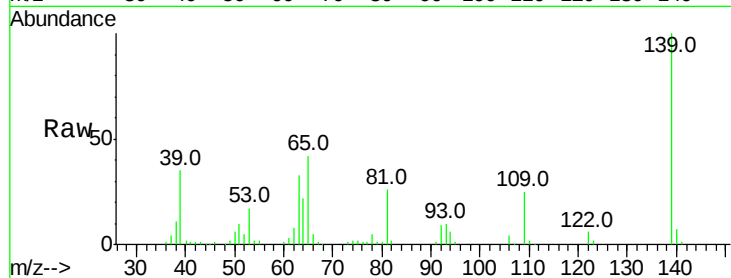
Tot Ion:139 Resp: 196305

Ion Ratio Lower Upper

139 100

109 25.0 21.0 31.6

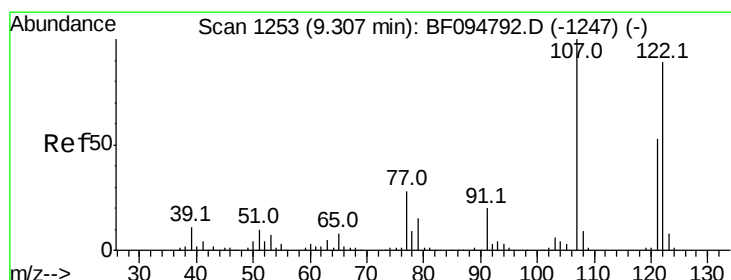
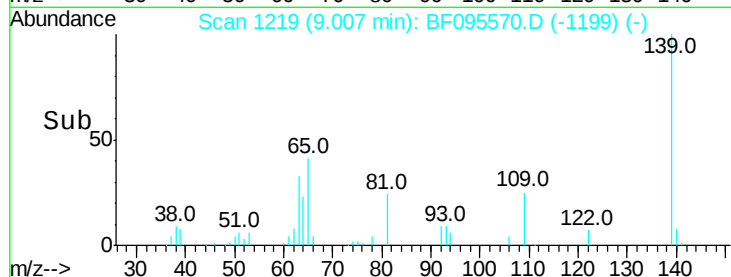
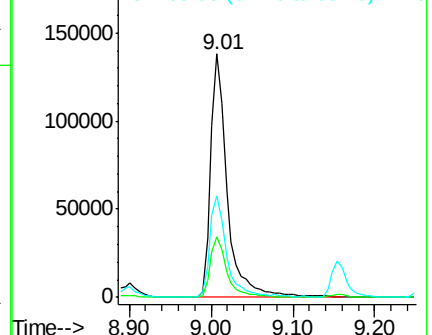
65 41.9 33.0 49.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#27

2,4-Dimethylphenol

Concen: 53.44 ng

RT: 9.15 min Scan# 1244

Delta R.T. -0.16 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

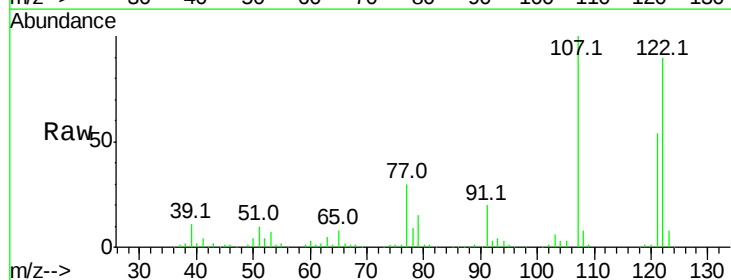
Tgt Ion:122 Resp: 313232

Ion Ratio Lower Upper

122 100

107 111.1 89.2 133.8

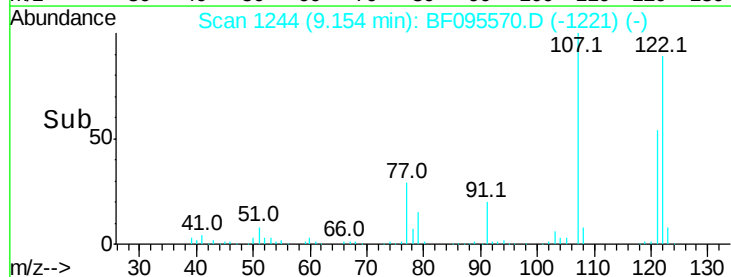
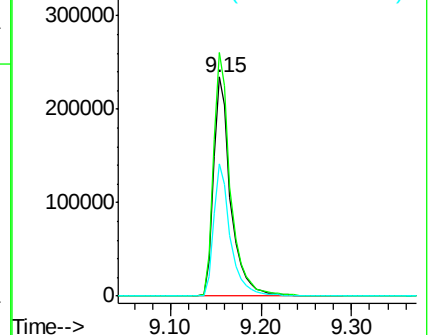
121 60.3 45.2 67.8

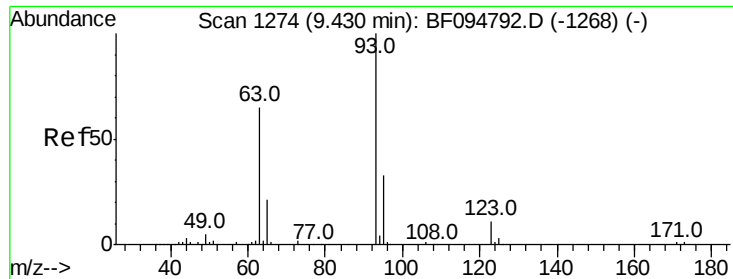


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

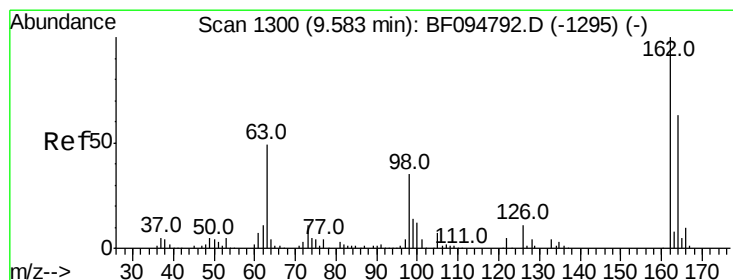
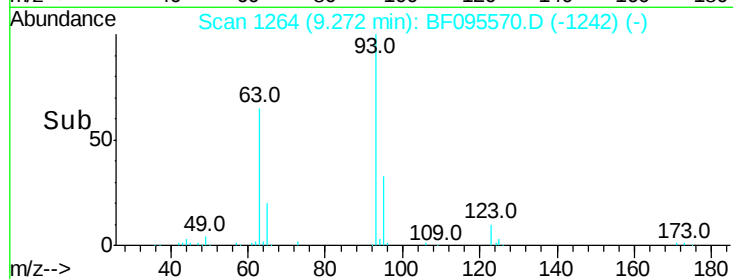
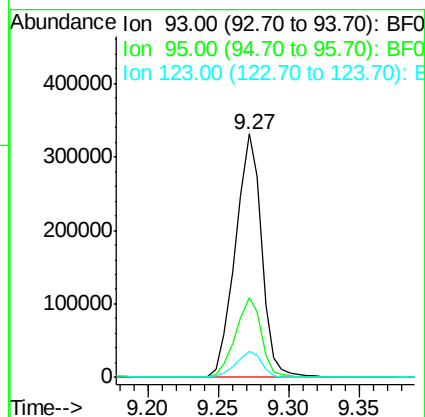
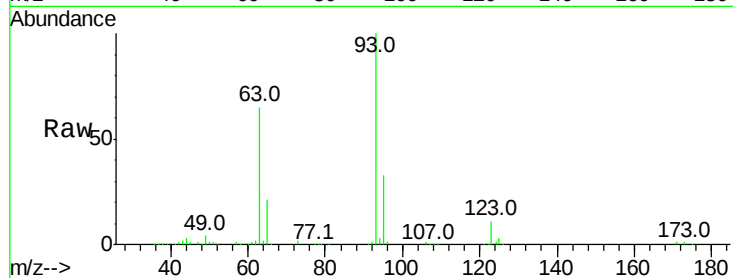




#28
bis(2-Chloroethoxy)methane
Concen: 54.28 ng
RT: 9.27 min Scan# 1264
Delta R.T. -0.17 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

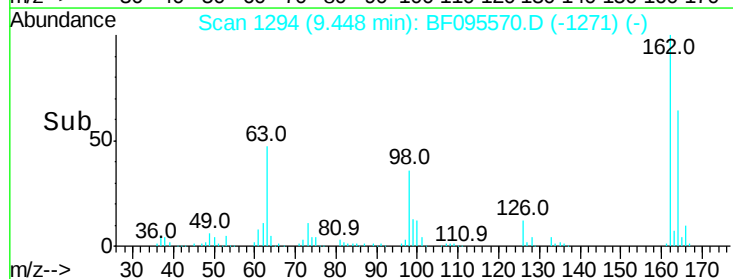
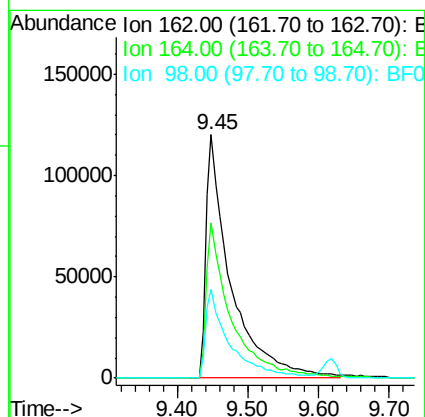
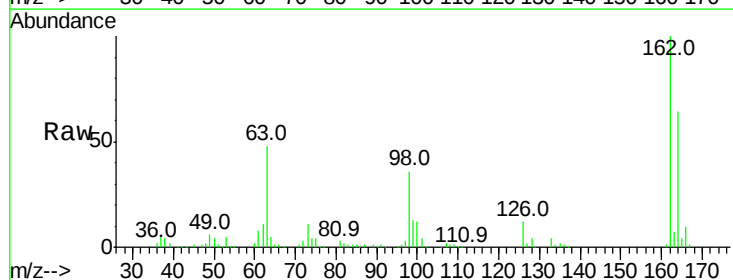
Instrument :
BNA_F
ClientSampleId :

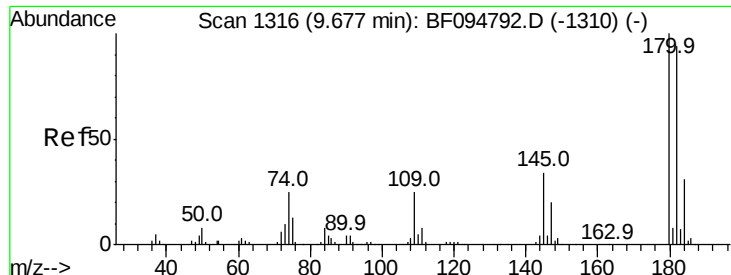
Tot Ion: 93 Resp: 429736
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 10.6 9.0 13.4



#29
2,4-Dichlorophenol
Concen: 52.52 ng
RT: 9.45 min Scan# 1294
Delta R.T. -0.16 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Tgt Ion:162 Resp: 290647
Ion Ratio Lower Upper
162 100
164 64.0 44.6 84.6
98 36.4 14.8 54.8

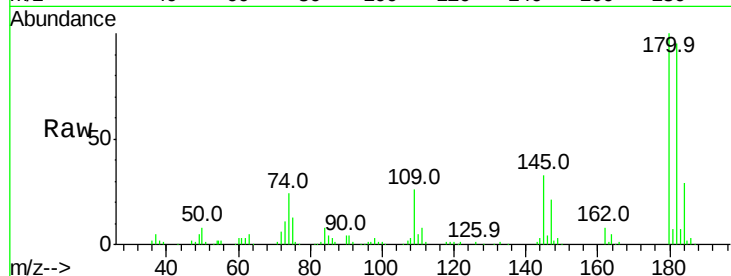




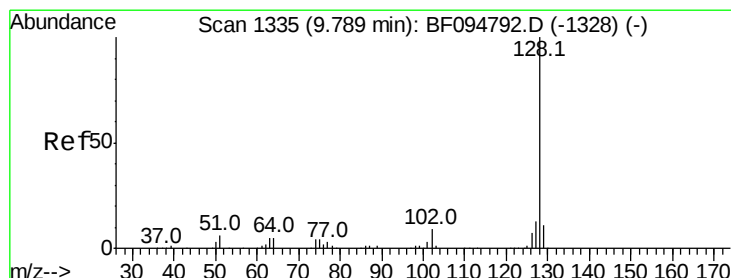
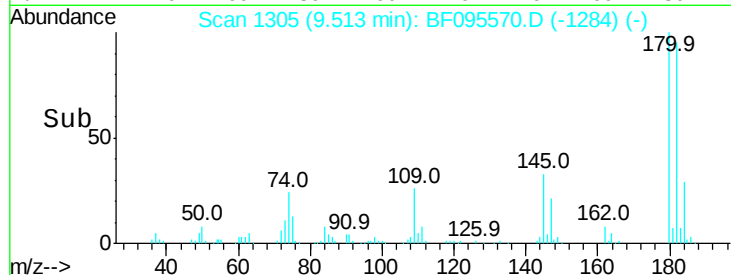
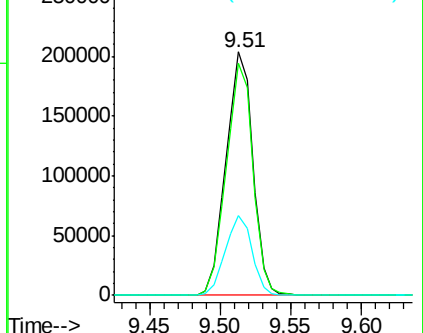
#30
 1,2,4-Trichlorobenzene
 Concen: 45.26 ng
 RT: 9.51 min Scan# 1305
 Delta R.T. -0.18 min
 Lab File: BF095570.D
 Acq: 31 May 2017 18:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:180 Resp: 268341
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.8 113.6
 145 32.7 25.3 37.9

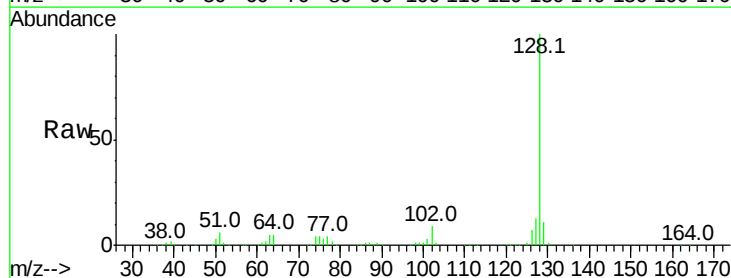


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

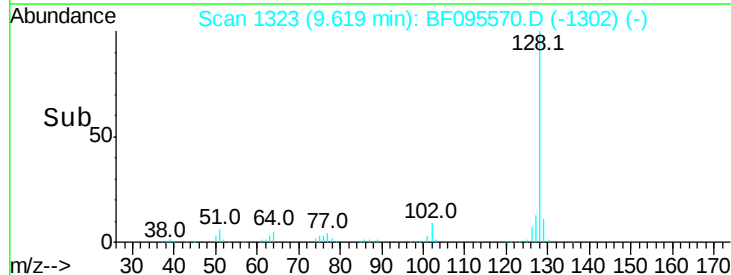
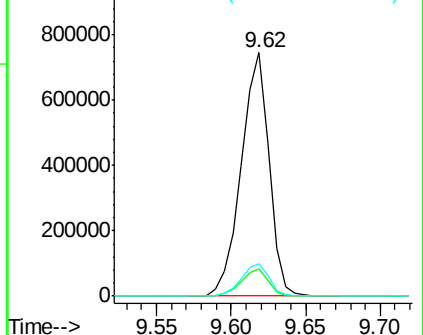


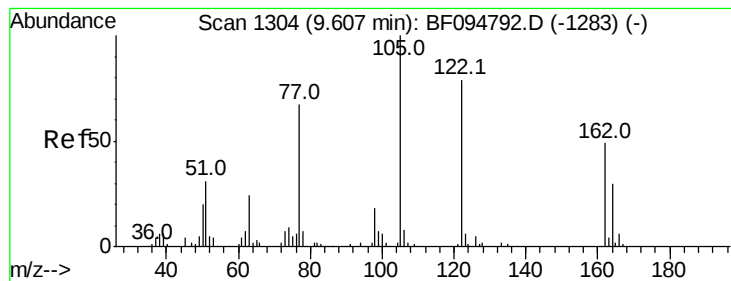
#31
 Naphthalene
 Concen: 47.54 ng
 RT: 9.62 min Scan# 1323
 Delta R.T. -0.18 min
 Lab File: BF095570.D
 Acq: 31 May 2017 18:31

Tgt Ion:128 Resp: 965716
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.0 13.6
 127 13.3 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: 5.51 ng

RT: 9.51 min Scan# 1305

Delta R.T. -0.16 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

Instrument :

BNA_F

ClientSampleId :

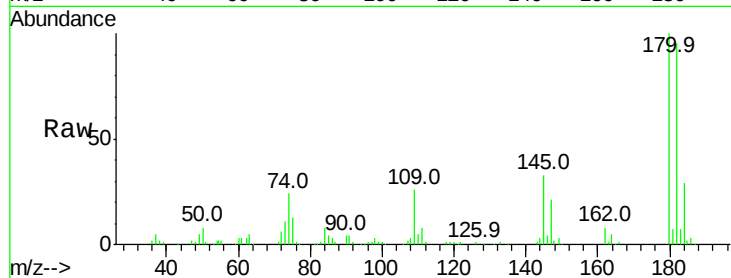
Tot Ion:122 Resp: 1827

Ion Ratio Lower Upper

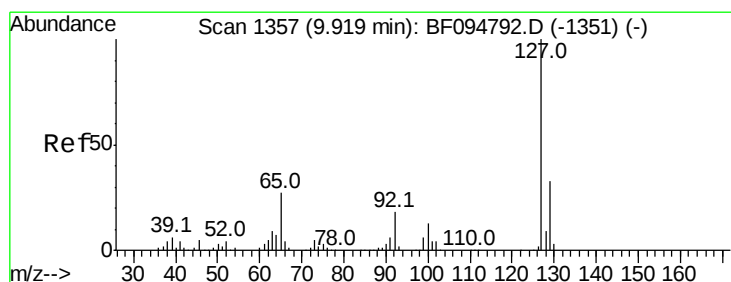
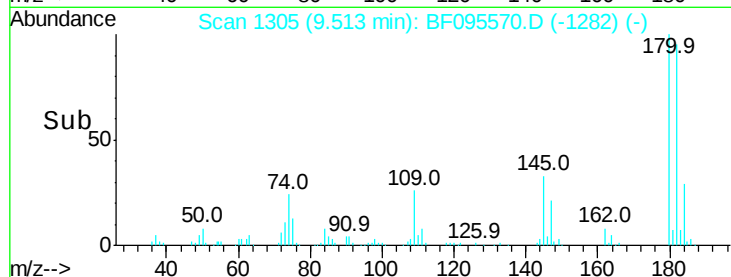
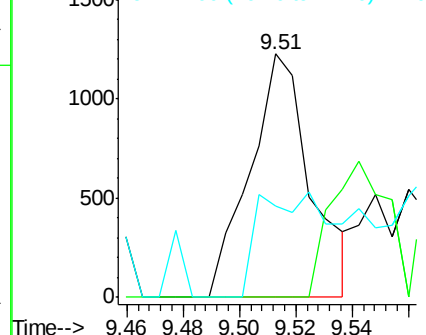
122 100

105 0.0 103.3 143.3#

77 37.6 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: 25.34 ng

RT: 9.78 min Scan# 1350

Delta R.T. -0.16 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

Tgt Ion:127 Resp: 191797

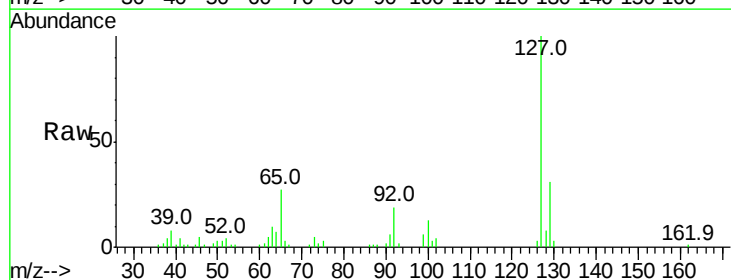
Ion Ratio Lower Upper

127 100

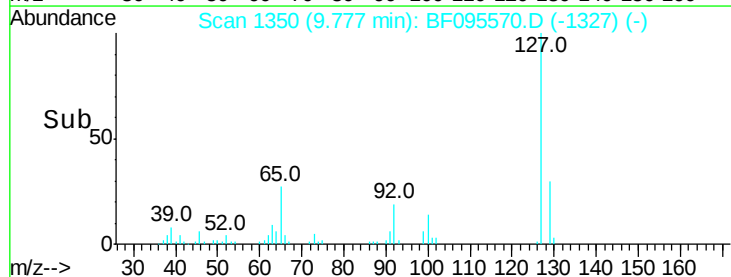
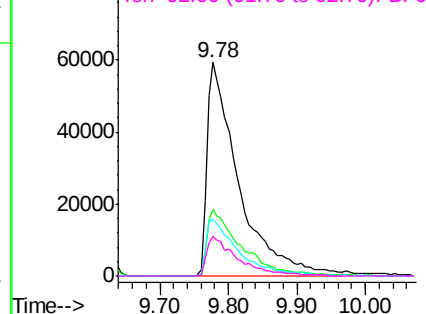
129 30.9 26.2 39.2

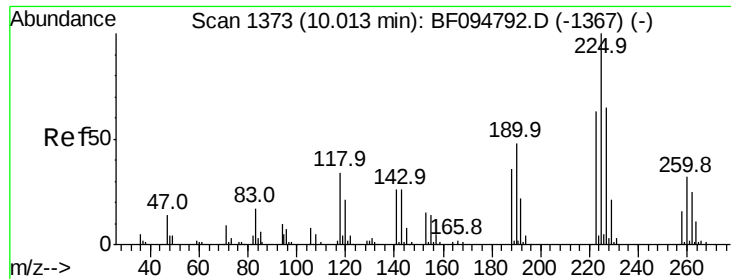
65 26.6 27.8 41.8#

92 18.7 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

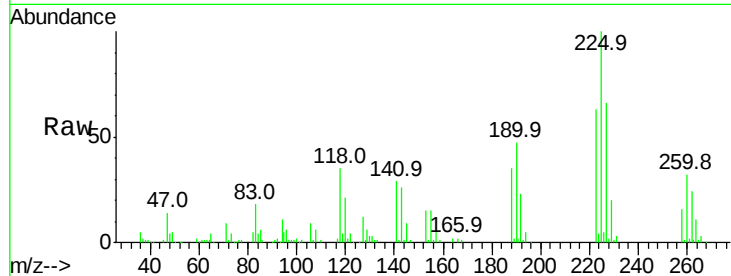




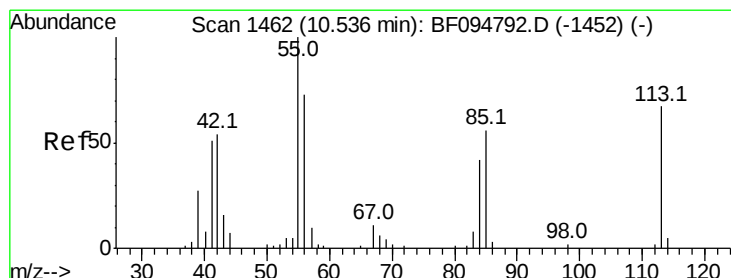
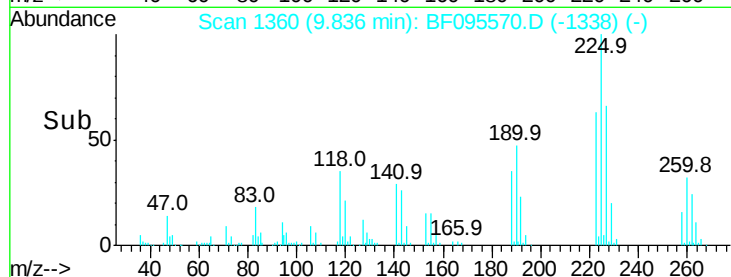
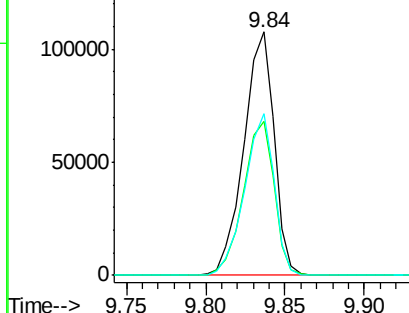
#34
Hexachlorobutadiene
Concen: 45.71 ng
RT: 9.84 min Scan# 1360
Delta R.T. -0.17 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	66.2	51.1	76.7

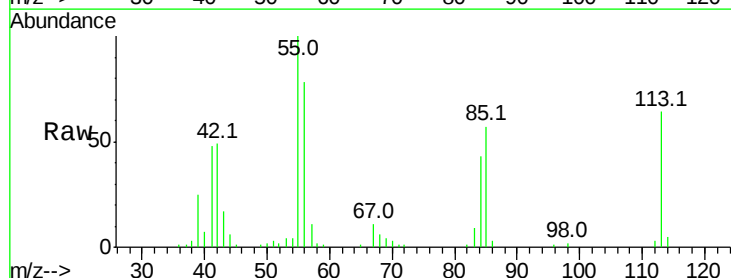


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

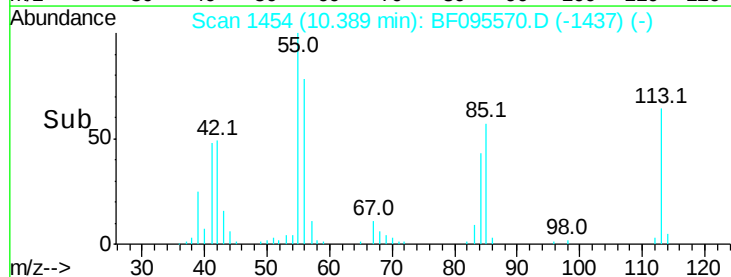
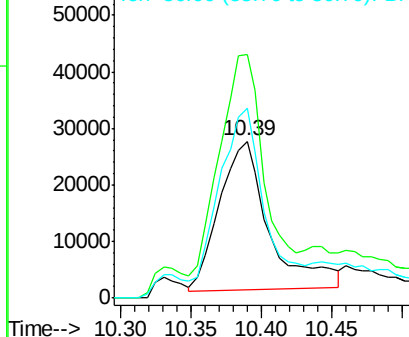


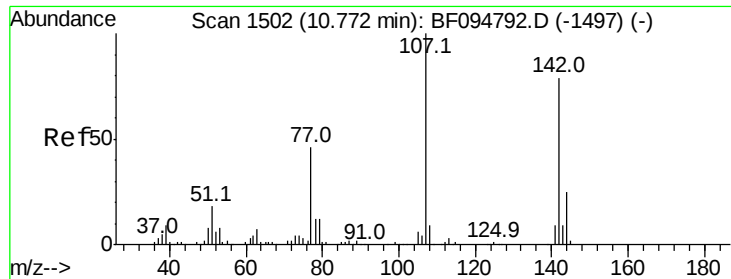
#35
Caprolactam
Concen: 38.93 ng
RT: 10.39 min Scan# 1454
Delta R.T. -0.20 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Tgt Ion	Ratio	Lower	Upper
113	100		
55	155.1	150.2	190.2
56	121.0	107.8	147.8



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

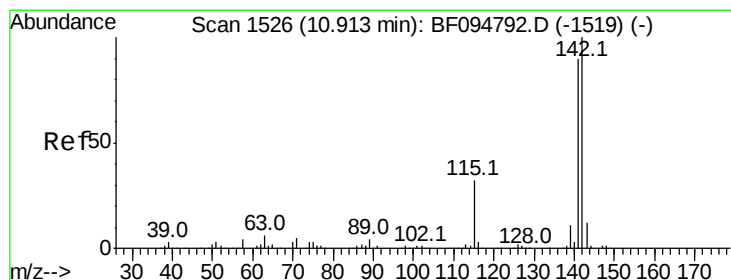
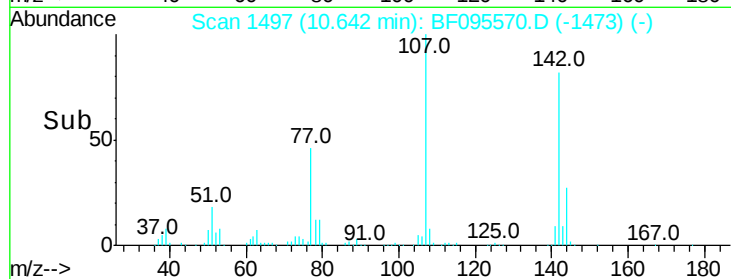
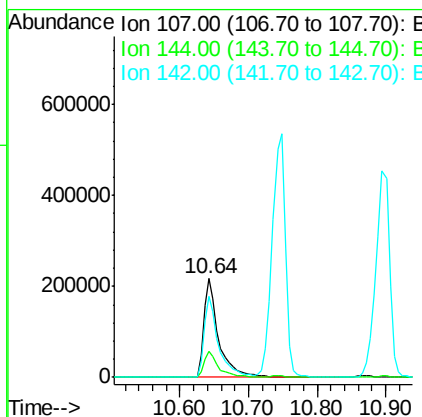
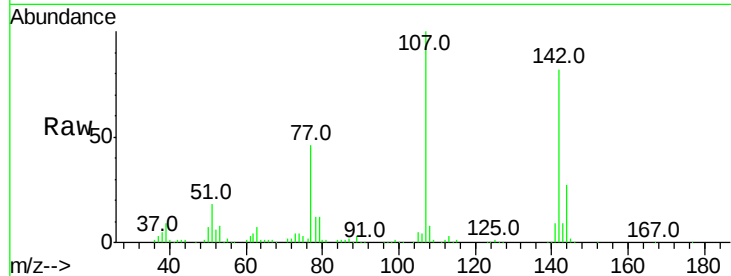




#36
 4-Chloro-3-methylphenol
 Concen: 56.28 ng
 RT: 10.64 min Scan# 1497
 Delta R.T. -0.16 min
 Lab File: BF095570.D
 Acq: 31 May 2017 18:31

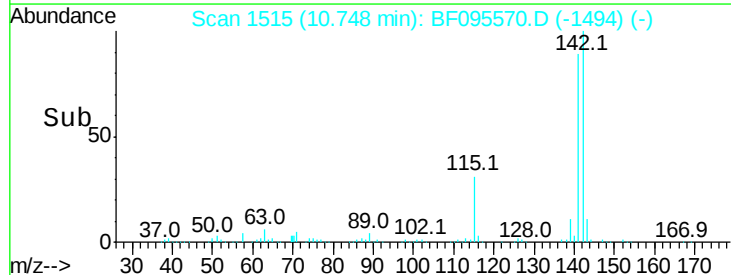
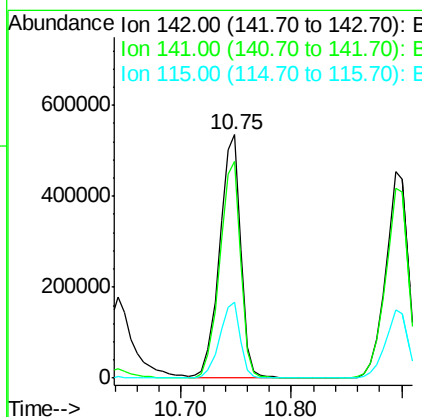
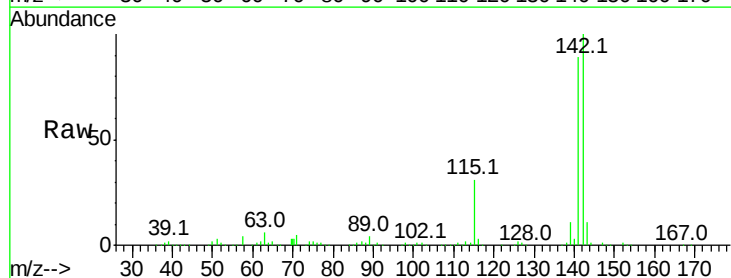
Instrument :
 BNA_F
 ClientSampled :

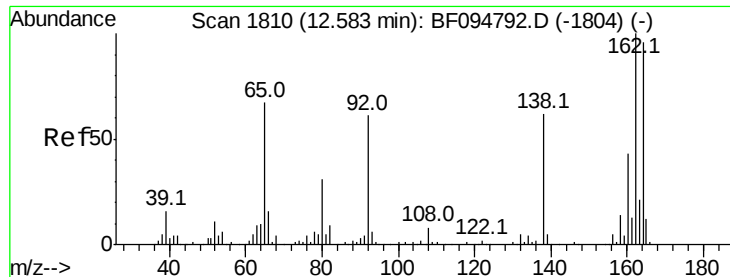
Tot Ion:107 Resp: 333004
 Ion Ratio Lower Upper
 107 100
 144 27.0 24.2 36.4
 142 82.0 73.4 110.0



#37
 2-Methylnaphthalene
 Concen: 53.55 ng
 RT: 10.75 min Scan# 1515
 Delta R.T. -0.18 min
 Lab File: BF095570.D
 Acq: 31 May 2017 18:31

Tgt Ion:142 Resp: 713899
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.3 106.9
 115 31.4 27.1 40.7

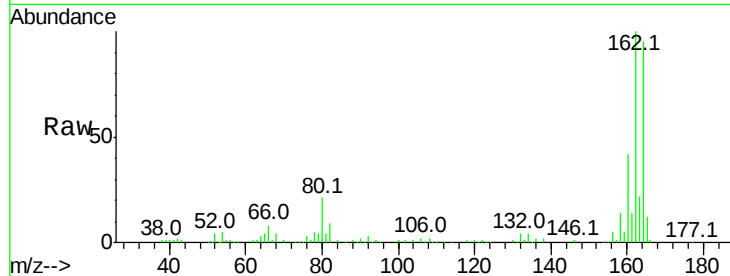




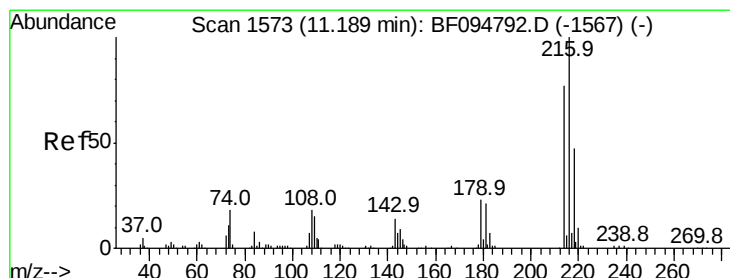
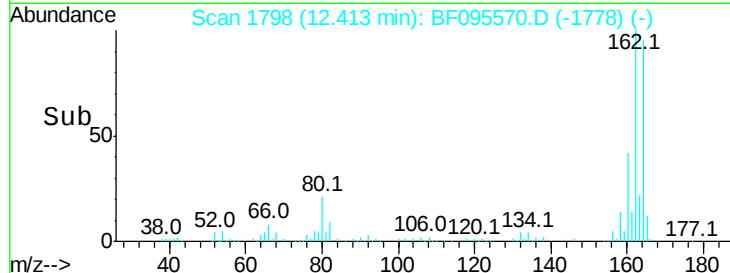
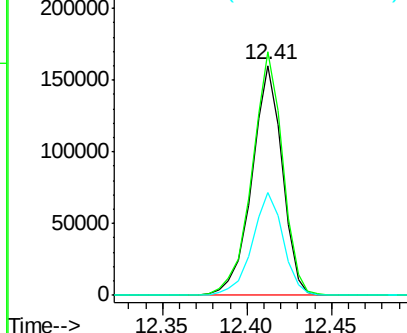
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.41 min Scan# 1798
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 200494
Ion Ratio Lower Upper
164 100
162 105.8 82.6 123.8
160 44.4 36.2 54.2



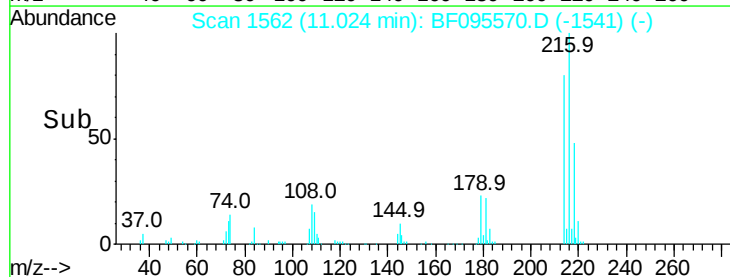
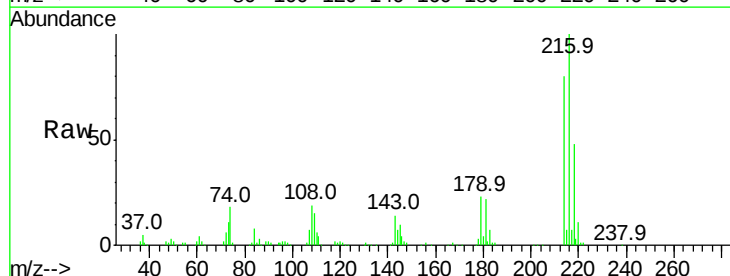
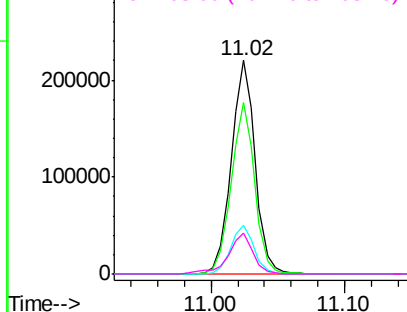
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

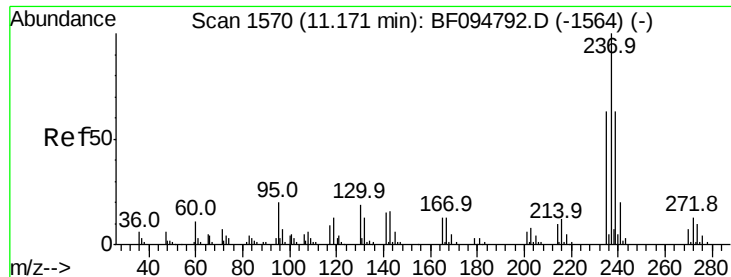


#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.44 ng
RT: 11.02 min Scan# 1562
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Tgt Ion:216 Resp: 273994
Ion Ratio Lower Upper
216 100
214 79.4 63.4 95.2
179 22.5 17.9 26.9
108 20.1 16.5 24.7

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





#40

Hexachlorocyclopentadiene

Concen: 48.52 ng

RT: 11.00 min Scan# 1557

Delta R.T. -0.18 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

Instrument :

BNA_F

ClientSampleId :

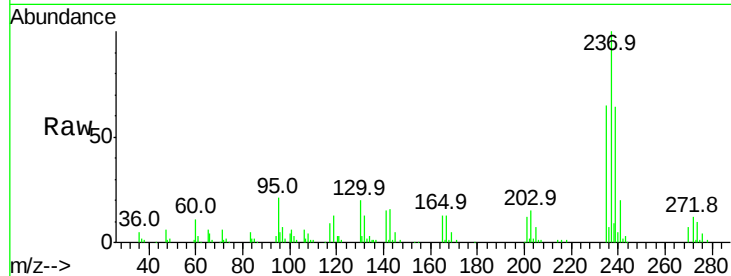
Tot Ion:237 Resp: 119082

Ion Ratio Lower Upper

237 100

235 64.8 42.6 82.6

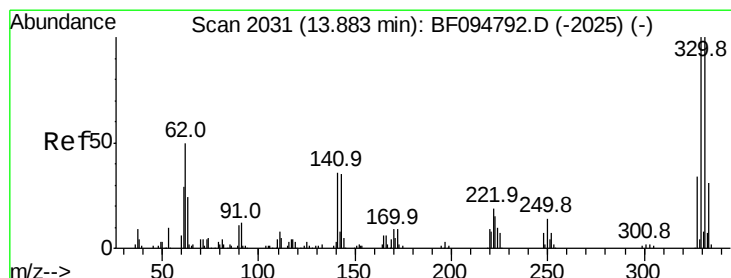
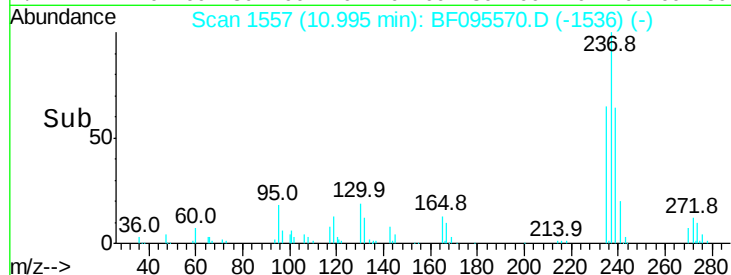
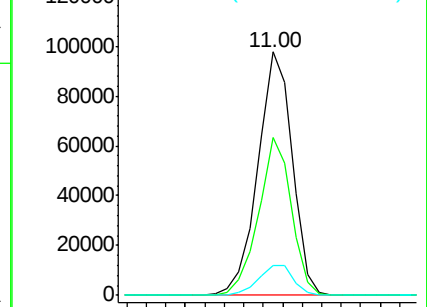
272 12.3 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 137.46 ng

RT: 13.71 min Scan# 2019

Delta R.T. -0.19 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

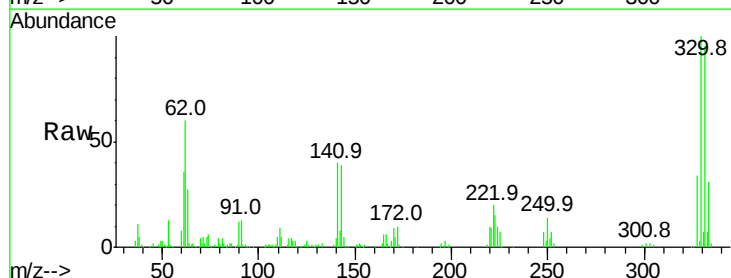
Tgt Ion:330 Resp: 225703

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

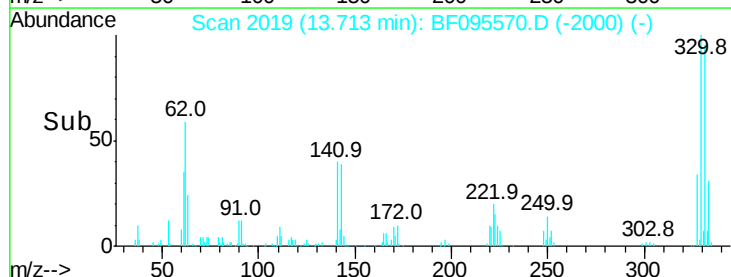
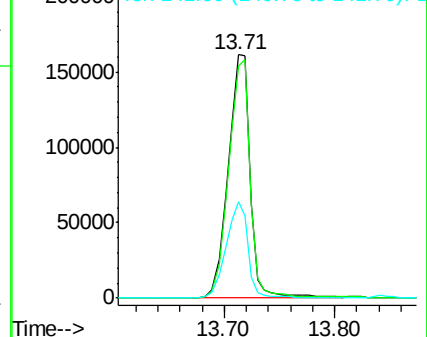
141 39.5 31.4 47.2

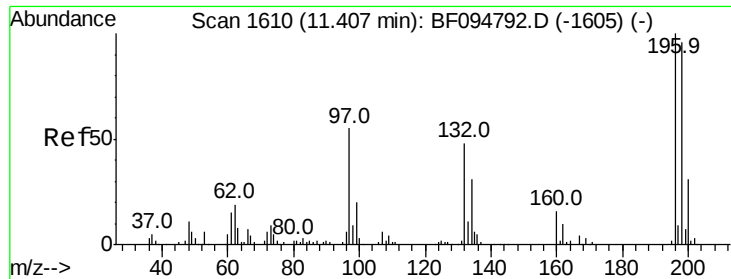


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

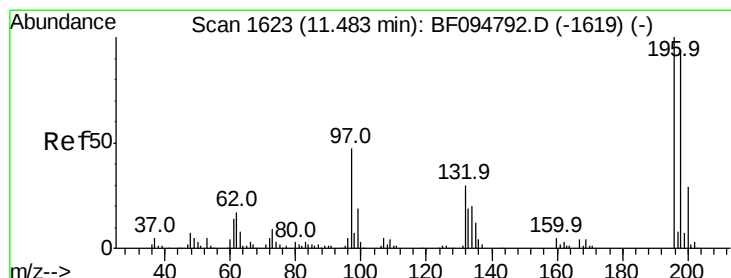
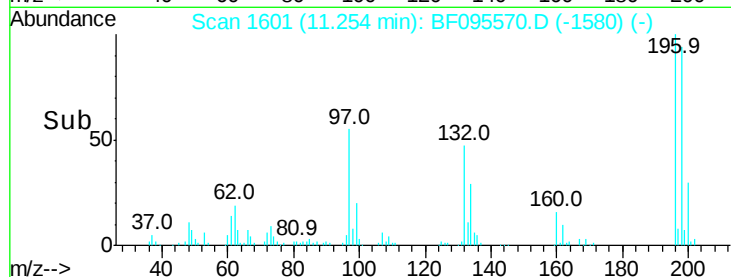
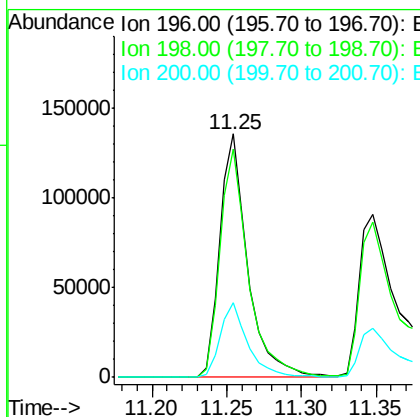
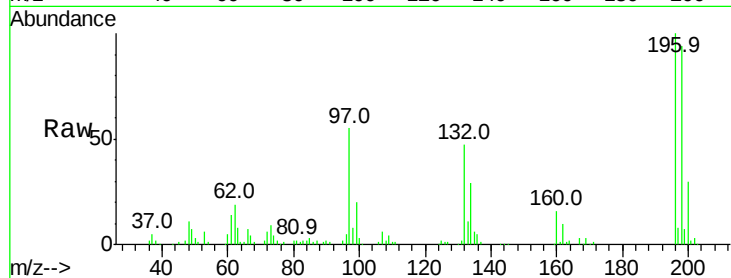




#42
 2,4,6-Trichlorophenol
 Concen: 43.64 ng
 RT: 11.25 min Scan# 1601
 Delta R.T. -0.18 min
 Lab File: BF095570.D
 Acq: 31 May 2017 18:31

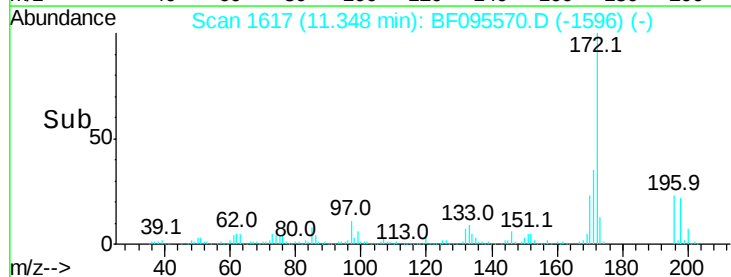
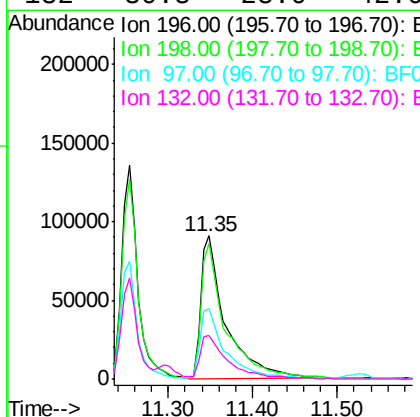
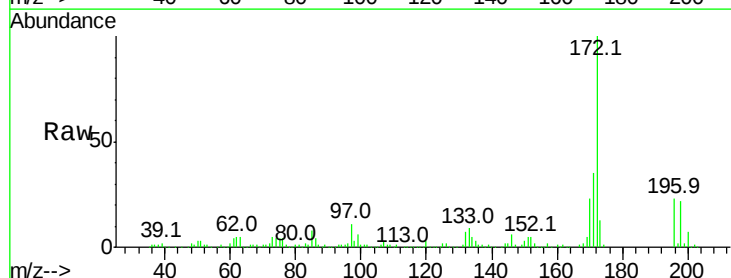
Instrument :
 BNA_F
 ClientSampleId :

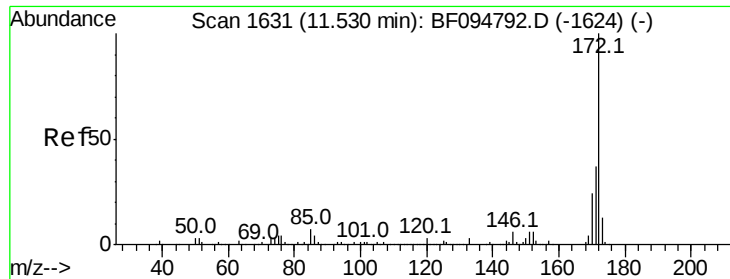
Tot Ion:196 Resp: 179653
 Ion Ratio Lower Upper
 196 100
 198 93.7 74.2 111.4
 200 30.4 24.0 36.0



#43
 2,4,5-Trichlorophenol
 Concen: 41.74 ng
 RT: 11.35 min Scan# 1617
 Delta R.T. -0.18 min
 Lab File: BF095570.D
 Acq: 31 May 2017 18:31

Tgt Ion:196 Resp: 184680
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 97 49.0 47.7 71.5
 132 30.8 28.0 42.0

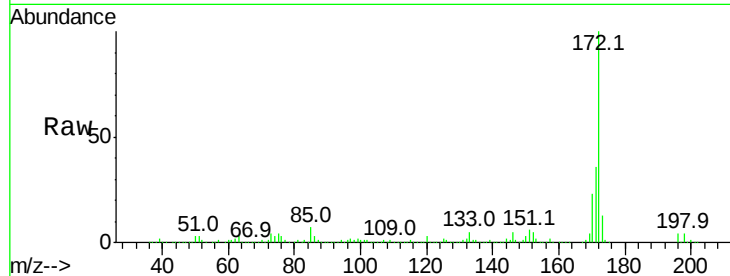




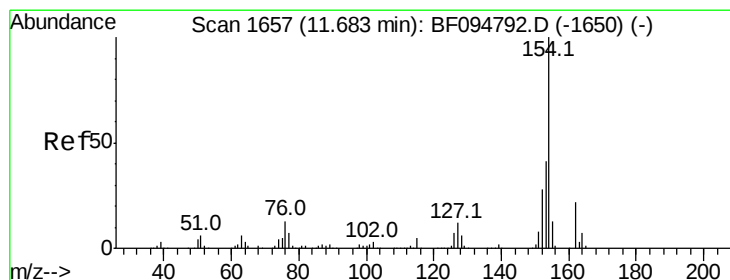
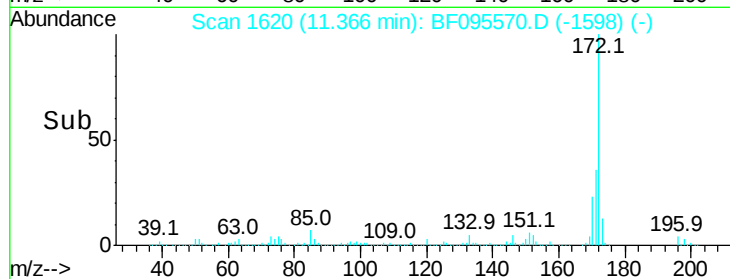
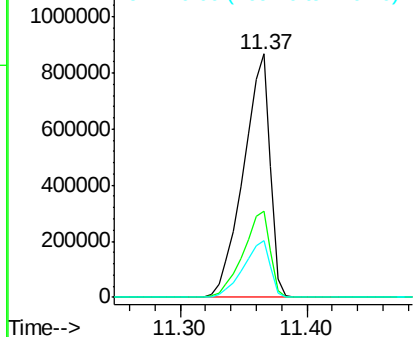
#44
2-Fluorobiphenyl
Concen: 90.97 ng
RT: 11.37 min Scan# 1620
Delta R.T. -0.17 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1267157
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.5 19.8 29.8

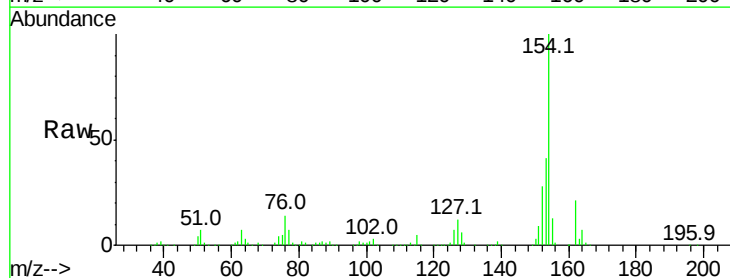


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

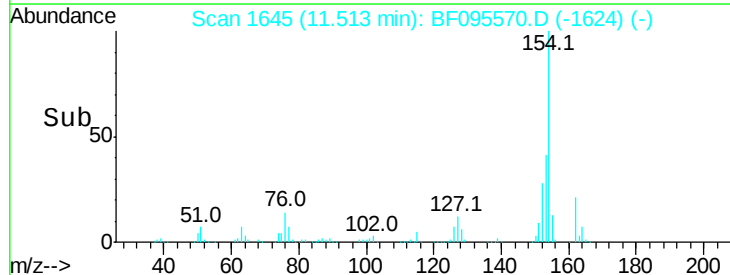
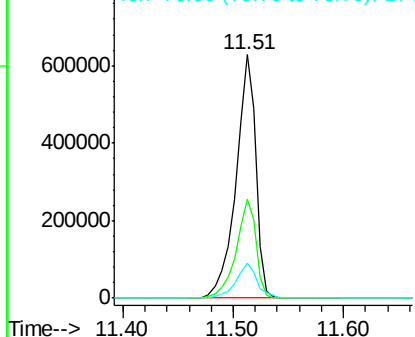


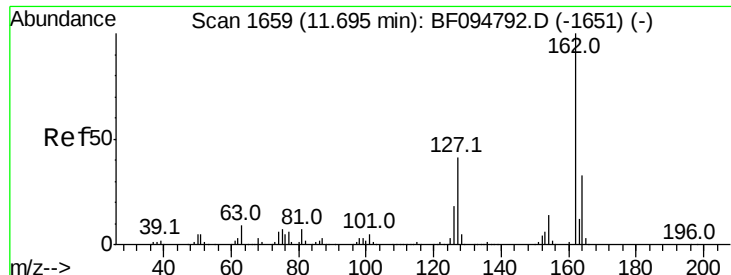
#45
1,1'-Biphenyl
Concen: 46.78 ng
RT: 11.51 min Scan# 1645
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Tgt Ion:154 Resp: 789642
Ion Ratio Lower Upper
154 100
153 40.7 21.2 61.2
76 14.5 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

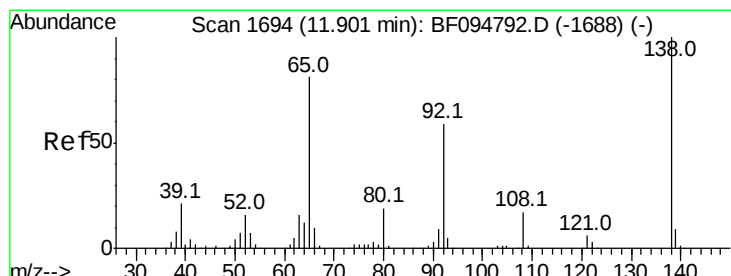
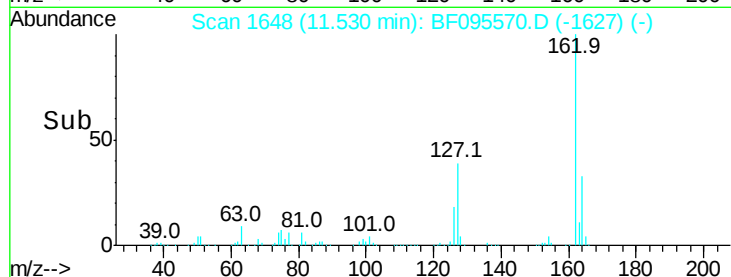
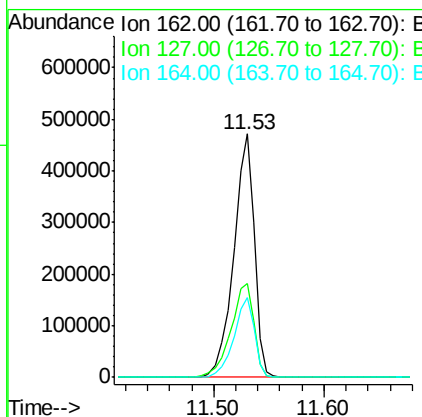
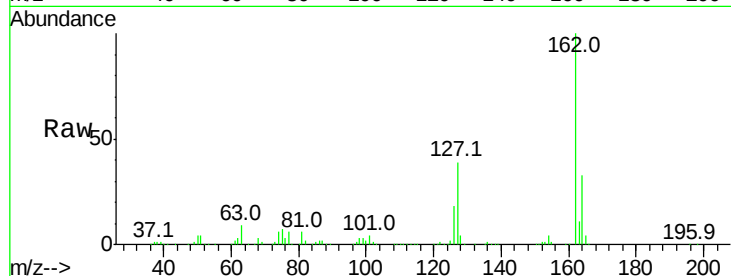




#46
2-Chloronaphthalene
Concen: 45.19 ng
RT: 11.53 min Scan# 1648
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

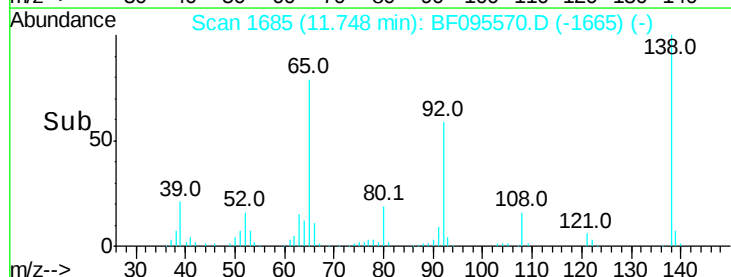
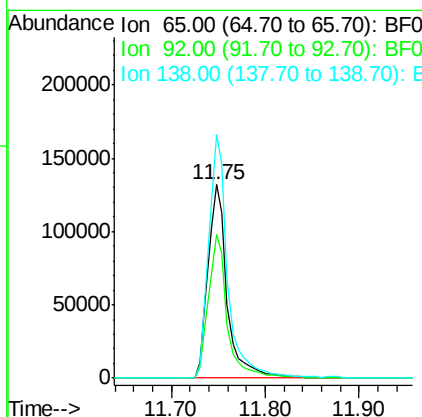
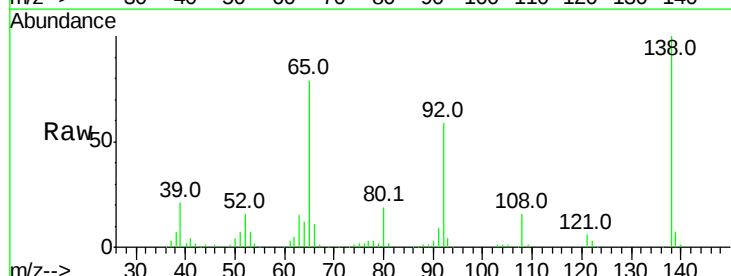
Instrument :
BNA_F
ClientSampleId :

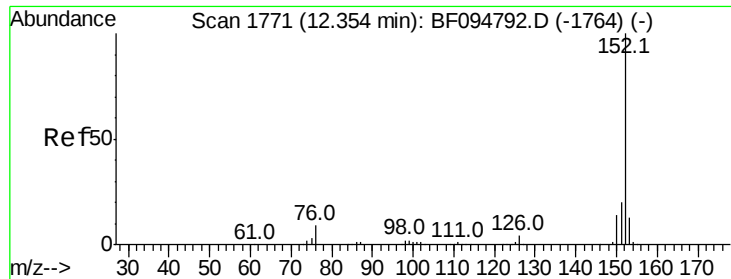
Tot Ion:162 Resp: 615917
Ion Ratio Lower Upper
162 100
127 38.8 28.3 42.5
164 32.8 27.0 40.4



#47
2-Nitroaniline
Concen: 51.52 ng
RT: 11.75 min Scan# 1685
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Tgt Ion: 65 Resp: 192215
Ion Ratio Lower Upper
65 100
92 74.4 53.9 80.9
138 126.0 78.8 118.2#





#48

Acenaphthylene

Concen: 46.97 ng

RT: 12.18 min Scan# 1759

Delta R.T. -0.18 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

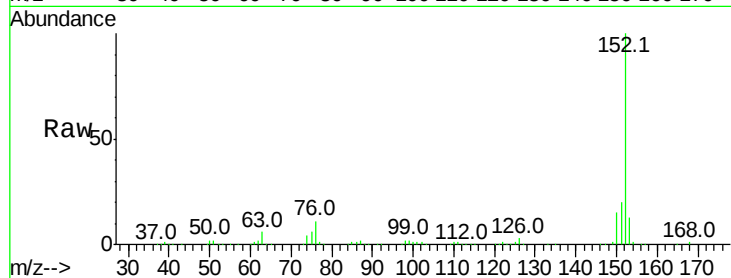
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1002778

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	12.8	10.8	16.2

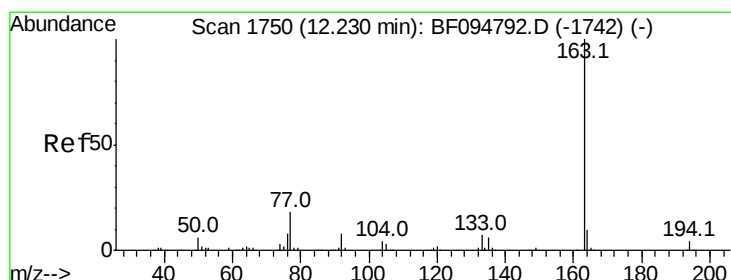
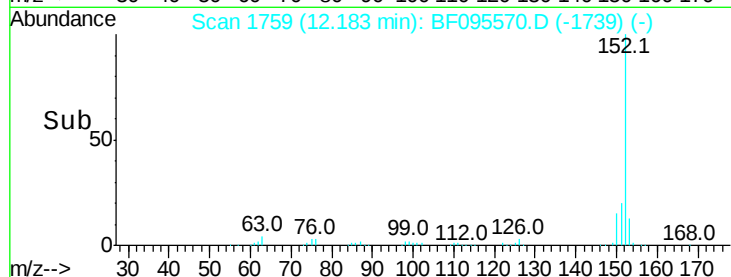
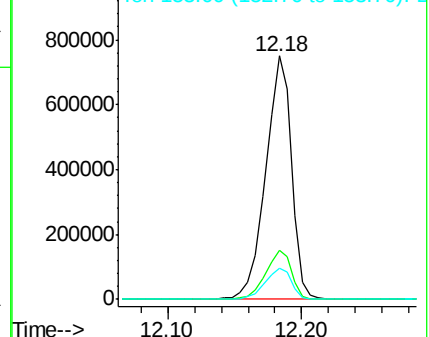


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 57.07 ng

RT: 12.07 min Scan# 1740

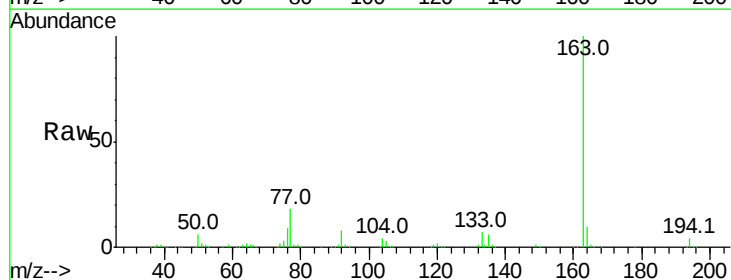
Delta R.T. -0.17 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

Tgt Ion:163 Resp: 939370

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	9.8	8.4	12.6

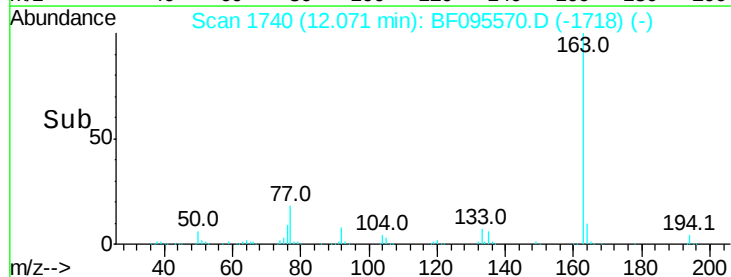
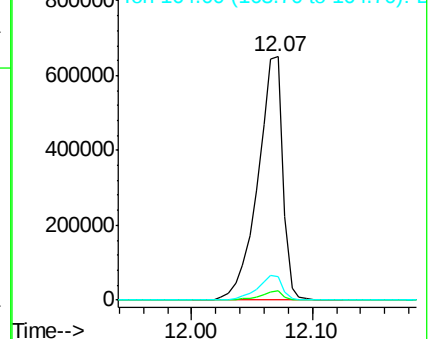


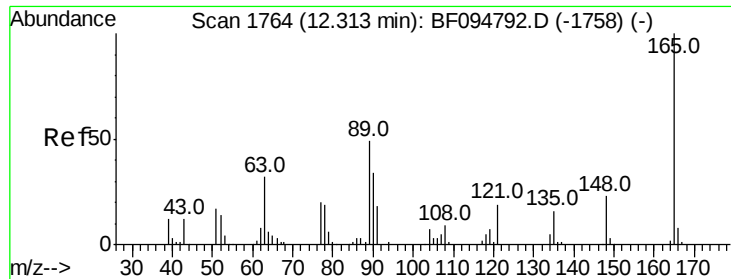
Abundance

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

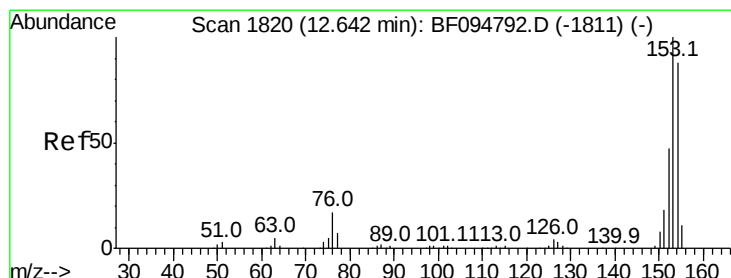
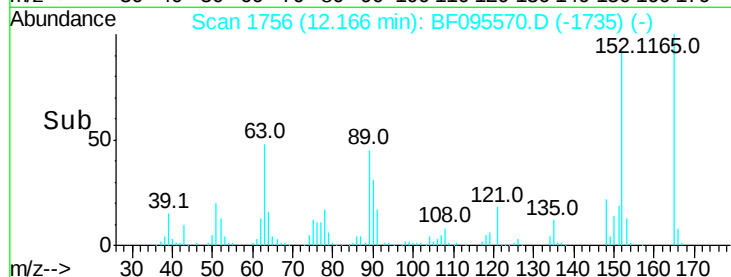
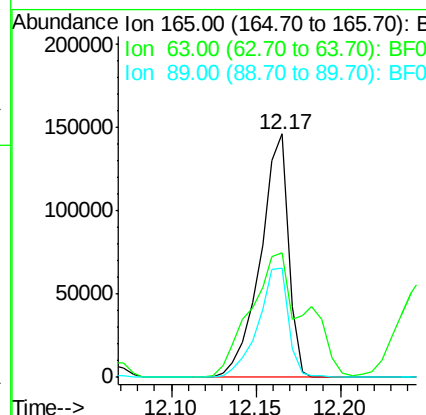
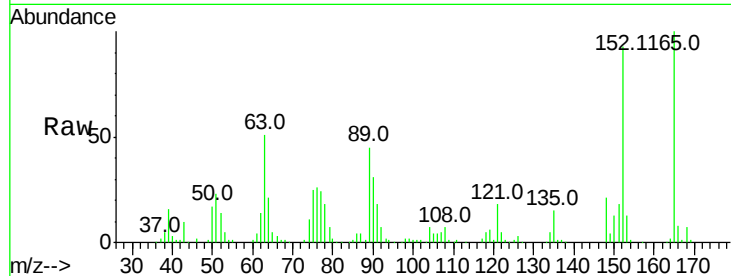




#50
2,6-Dinitrotoluene
Concen: 50.45 ng
RT: 12.17 min Scan# 1756
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

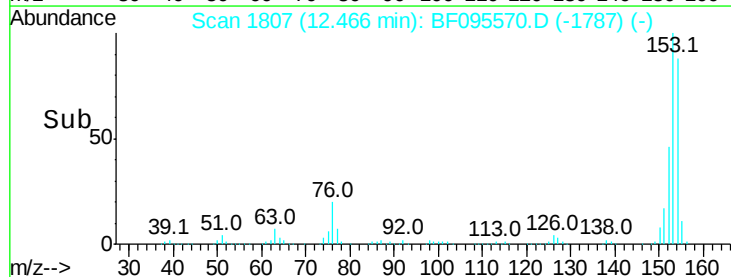
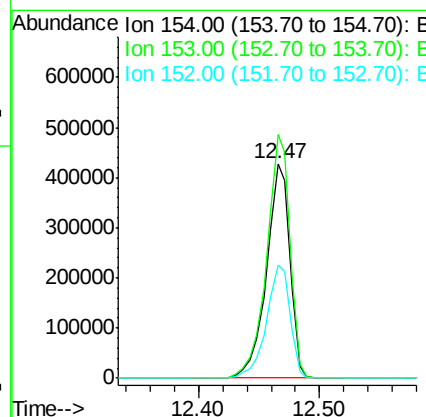
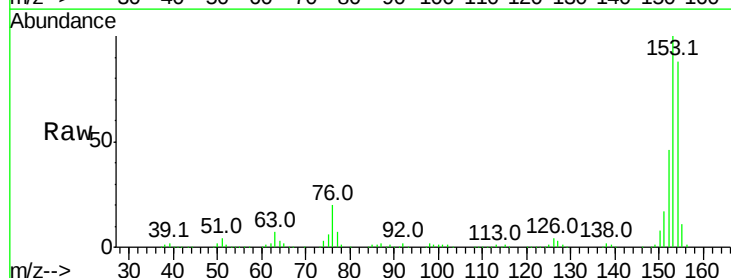
Instrument :
BNA_F
ClientSampleId :

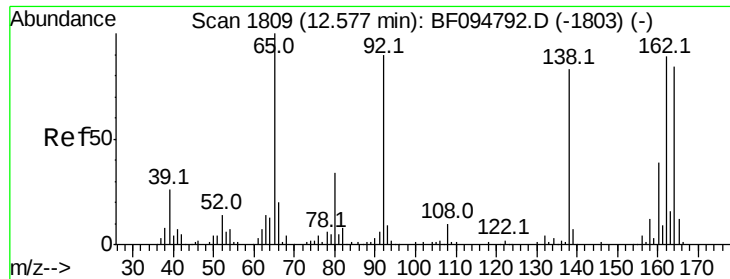
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	34.3	51.5
89	45.1	37.1	55.7



#51
Acenaphthene
Concen: 45.00 ng
RT: 12.47 min Scan# 1807
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.5	135.7
152	52.5	43.6	65.4





#52

3-Nitroaniline

Concen: 33.37 ng

RT: 12.43 min Scan# 1801

Delta R.T. -0.18 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

Instrument :

BNA_F

ClientSampleId :

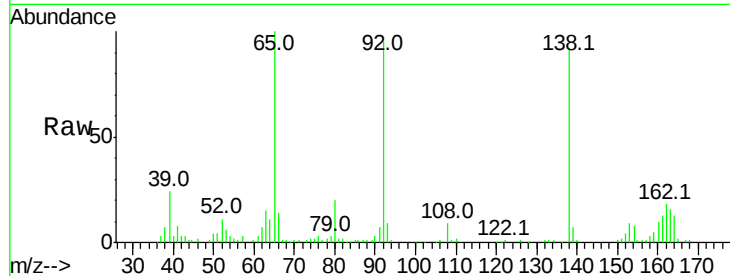
Tot Ion:138 Resp: 120257

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

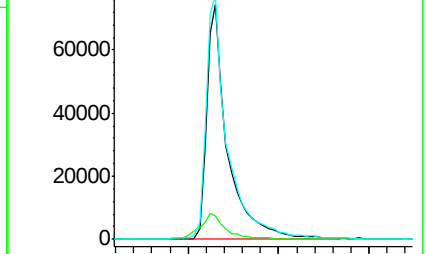
92 103.5 93.8 140.6



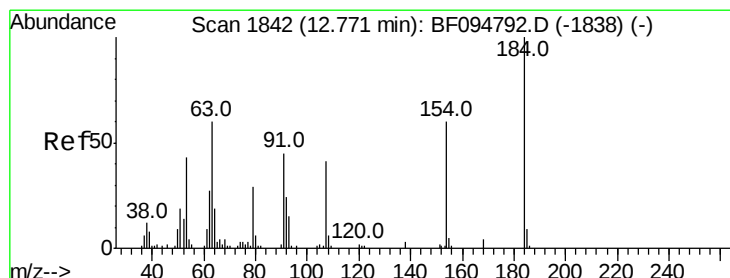
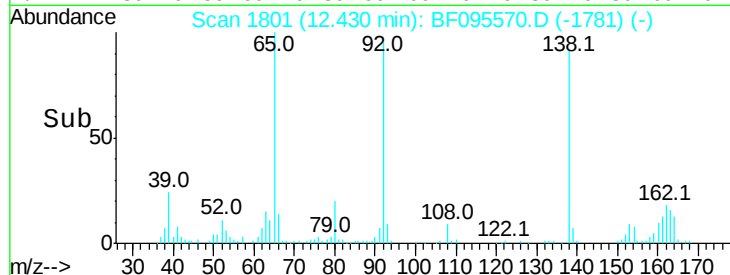
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#53

2,4-Dinitrophenol

Concen: 9.36 ng

RT: 12.69 min Scan# 1846

Delta R.T. -0.15 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

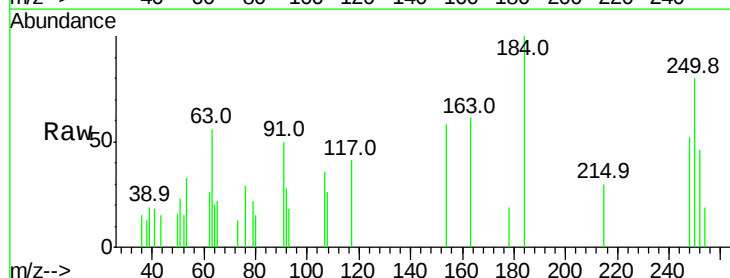
Tgt Ion:184 Resp: 6252

Ion Ratio Lower Upper

184 100

63 55.8 62.7 94.1#

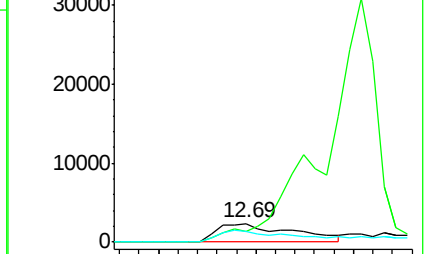
154 58.1 81.1 121.7#



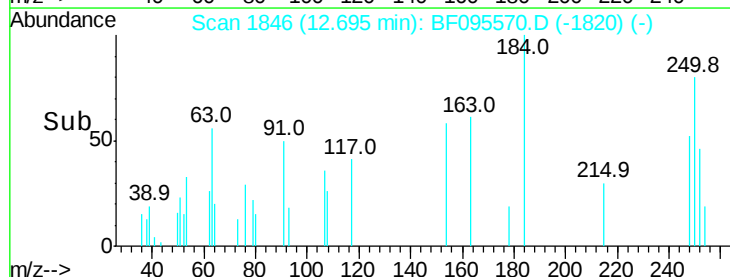
Abundance Ion 184.00 (183.70 to 184.70): E

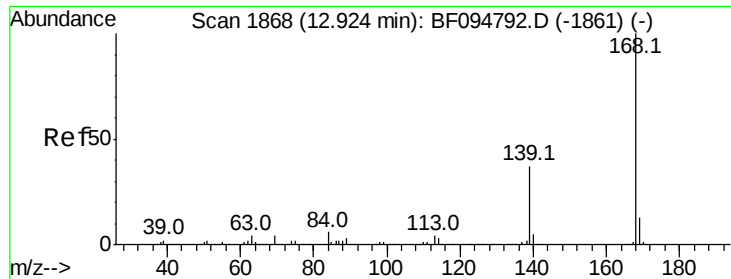
Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



Time-->





#54

Dibenzofuran

Concen: 50.32 ng

RT: 12.75 min Scan# 1856

Delta R.T. -0.18 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

Instrument :

BNA_F

ClientSampleId :

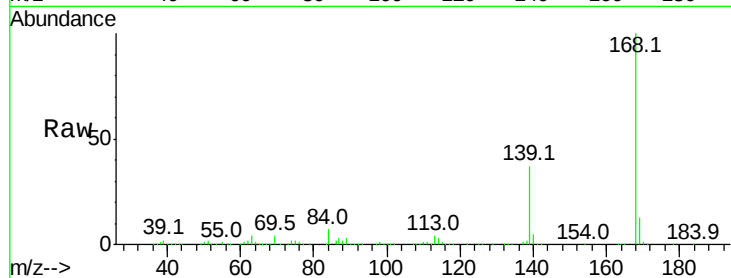
Tot Ion:168 Resp: 887865

Ion Ratio Lower Upper

168 100

139 37.5 30.6 45.8

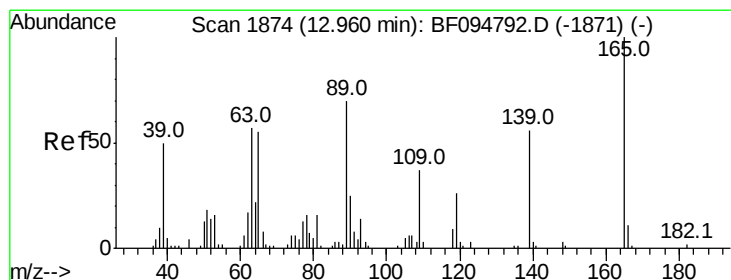
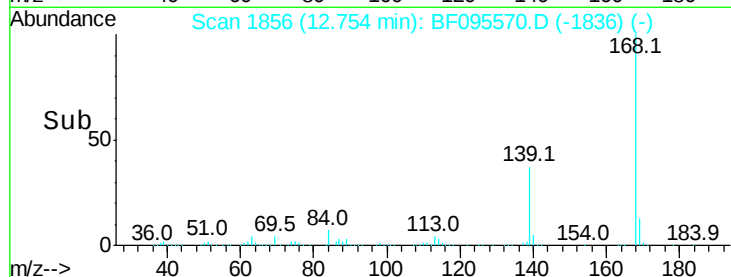
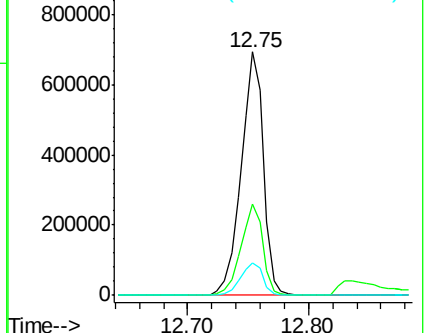
169 13.2 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 65.42 ng

RT: 12.83 min Scan# 1869

Delta R.T. -0.21 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

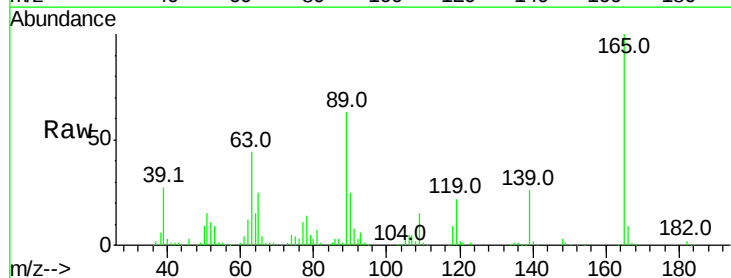
Tgt Ion:139 Resp: 141605

Ion Ratio Lower Upper

139 100

109 58.5 34.1 74.1

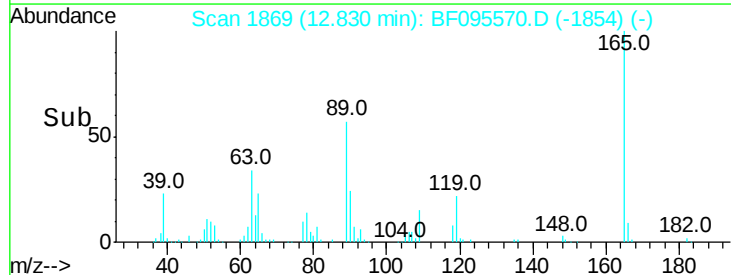
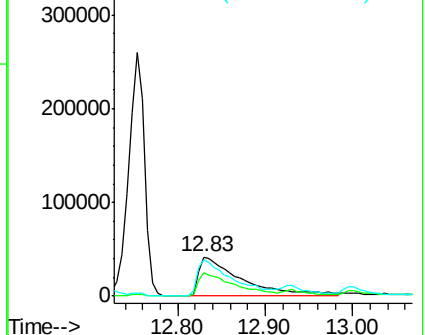
65 93.4 31.4 71.4#

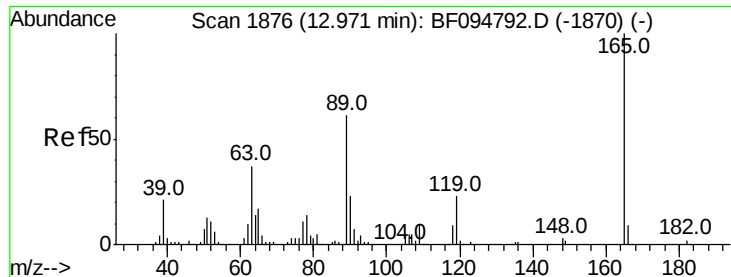


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

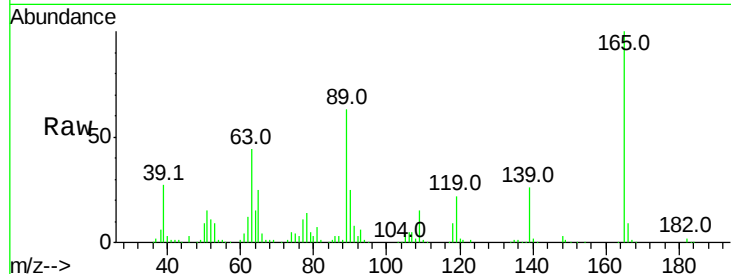




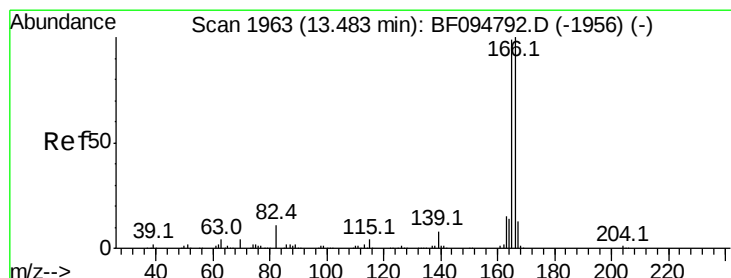
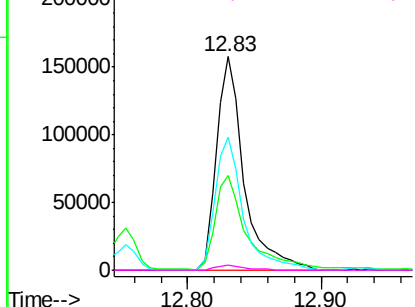
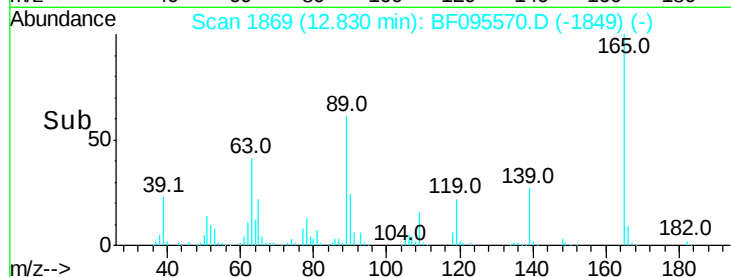
#56
2,4-Dinitrotoluene
Concen: 53.31 ng
RT: 12.83 min Scan# 1869
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 230037
Ion Ratio Lower Upper
165 100
63 44.3 25.4 38.0#
89 62.6 46.4 69.6
182 2.5 1.8 2.6

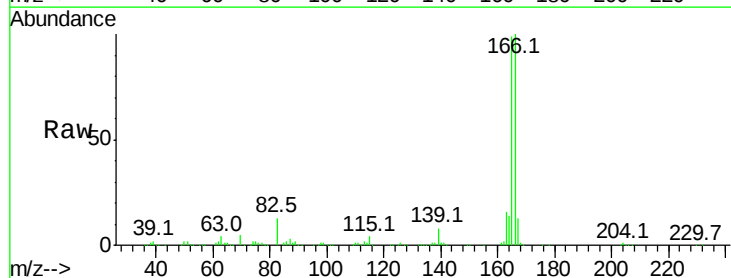


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

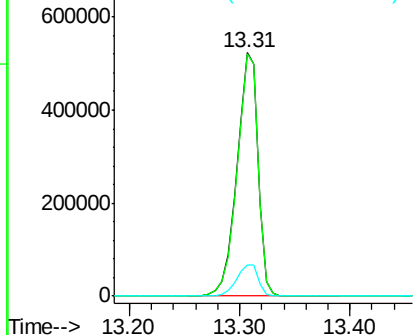
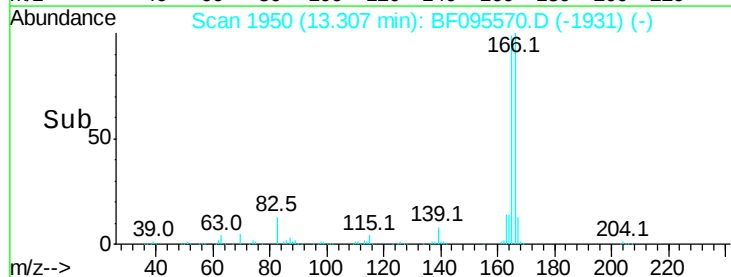


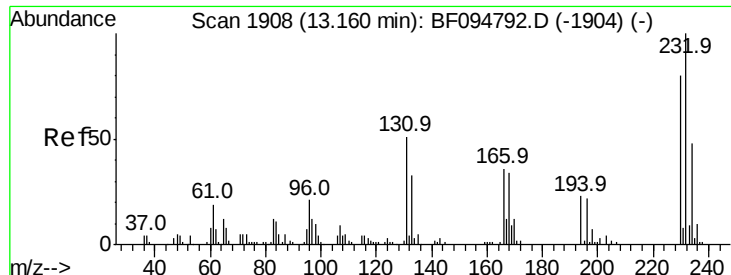
#57
Fluorene
Concen: 45.77 ng
RT: 13.31 min Scan# 1950
Delta R.T. -0.19 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Tgt Ion:166 Resp: 702360
Ion Ratio Lower Upper
166 100
165 99.3 78.8 118.2
167 12.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

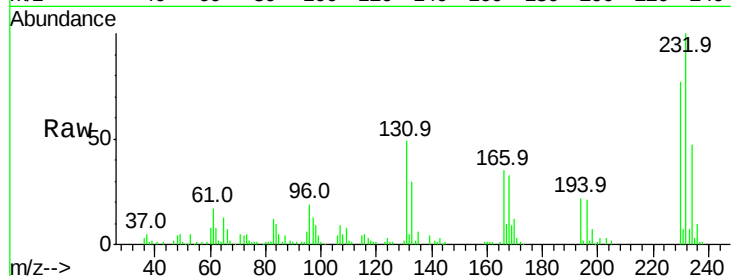




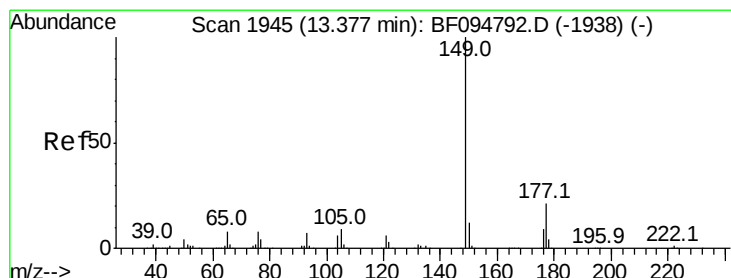
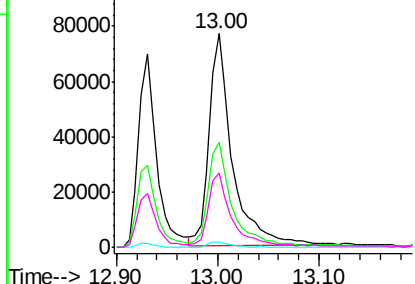
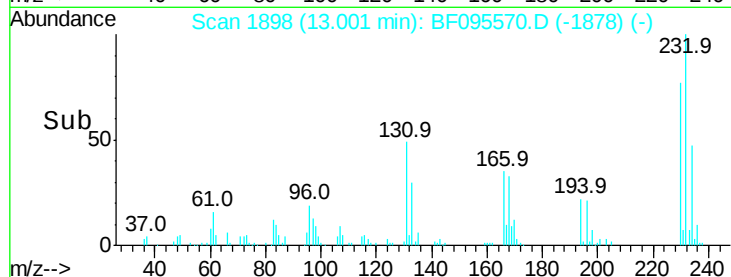
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.84 ng
 RT: 13.00 min Scan# 1898
 Delta R.T. -0.18 min
 Lab File: BF095570.D
 Acq: 31 May 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 122083
 Ion Ratio Lower Upper
 232 100
 131 51.5 44.8 67.2
 130 2.2 2.3 3.5#
 166 33.3 29.0 43.4

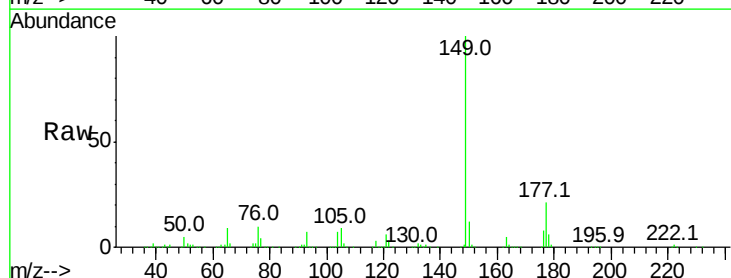


Abundance Ion 232.00 (231.70 to 232.70): E
 120000
 Ion 131.00 (130.70 to 131.70): E
 100000
 Ion 130.00 (129.70 to 130.70): E
 80000
 Ion 166.00 (165.70 to 166.70): E
 60000
 40000
 20000
 0

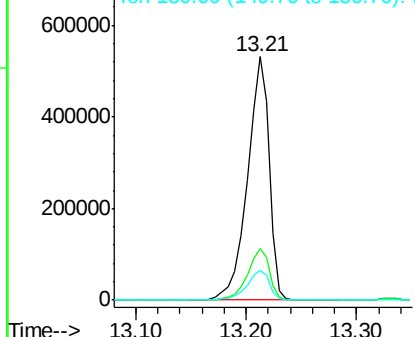
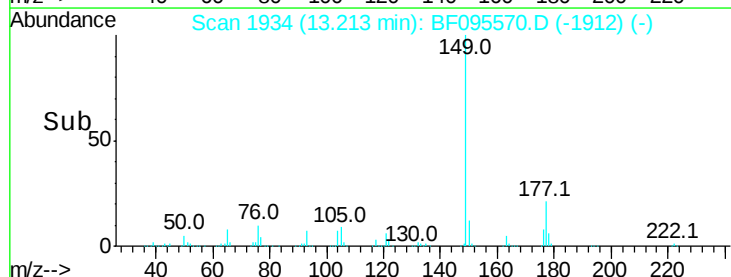


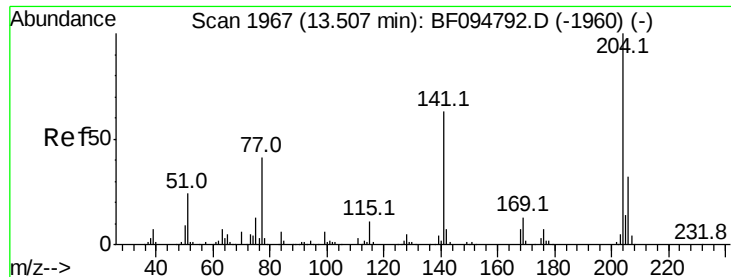
#59
 Diethylphthalate
 Concen: 46.38 ng
 RT: 13.21 min Scan# 1934
 Delta R.T. -0.17 min
 Lab File: BF095570.D
 Acq: 31 May 2017 18:31

Tgt Ion:149 Resp: 731714
 Ion Ratio Lower Upper
 149 100
 177 21.3 16.7 25.1
 150 12.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 600000
 Ion 177.00 (176.70 to 177.70): E
 400000
 Ion 150.00 (149.70 to 150.70): E
 200000
 0

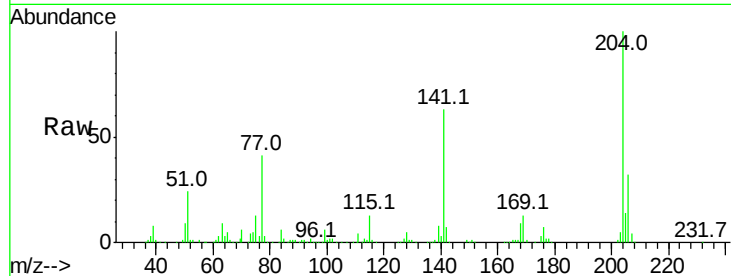




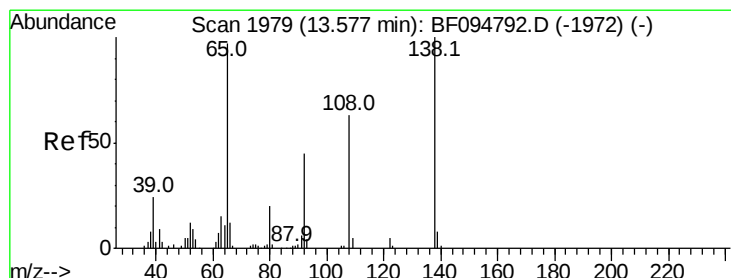
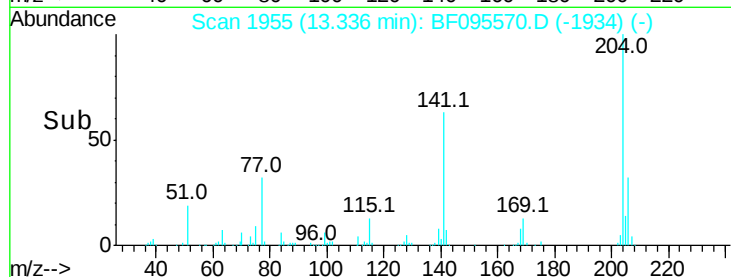
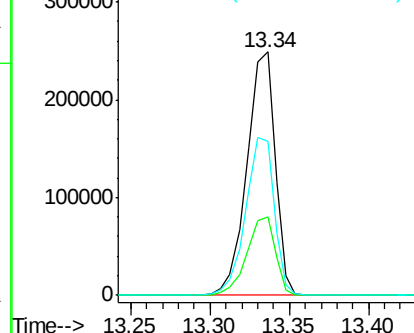
#60
4-Chlorophenyl-phenylether
Concen: 45.88 ng
RT: 13.34 min Scan# 1955
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 309391
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 63.1 60.8 91.2

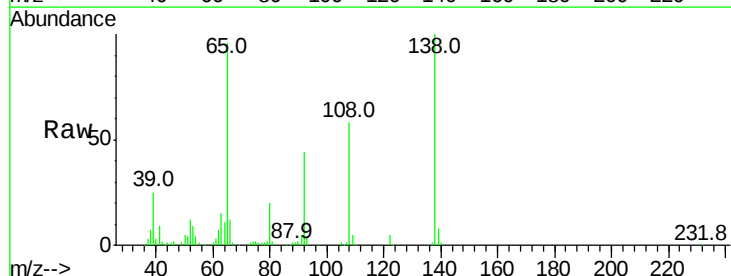


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

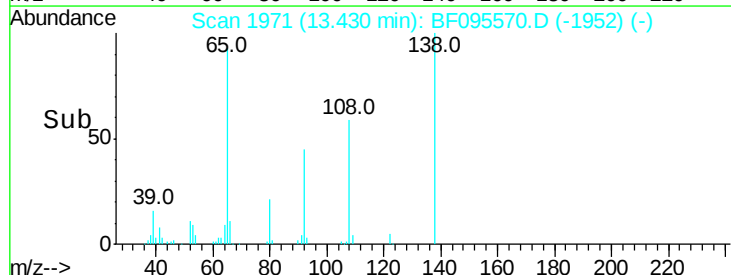
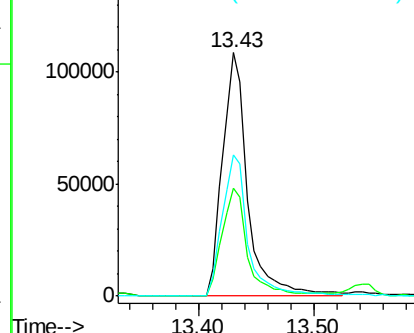


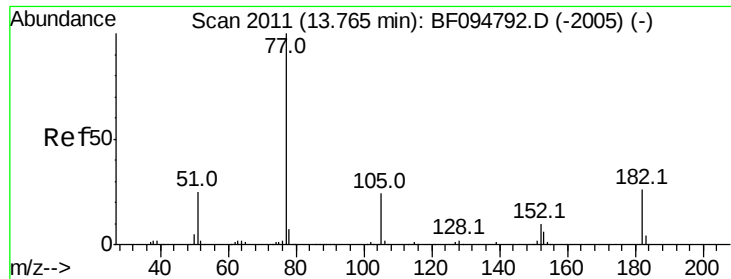
#61
4-Nitroaniline
Concen: 49.78 ng
RT: 13.43 min Scan# 1971
Delta R.T. -0.19 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Tgt Ion:138 Resp: 164698
Ion Ratio Lower Upper
138 100
92 44.4 21.8 61.8
108 58.1 42.3 82.3



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





#62

Azobenzene

Concen: 52.52 ng

RT: 13.59 min Scan# 1999

Delta R.T. -0.18 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 665752

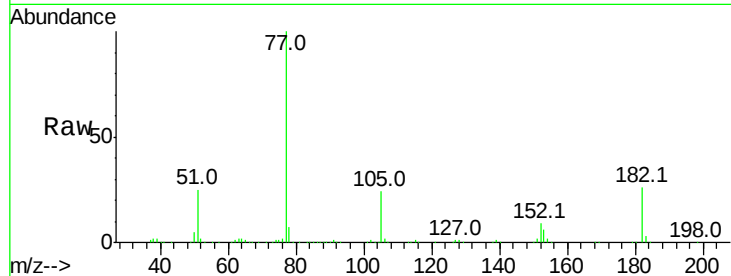
Ion Ratio Lower Upper

77 100

182 25.8 0.1 40.1

105 23.9 3.6 43.6

51 25.4 9.4 49.4

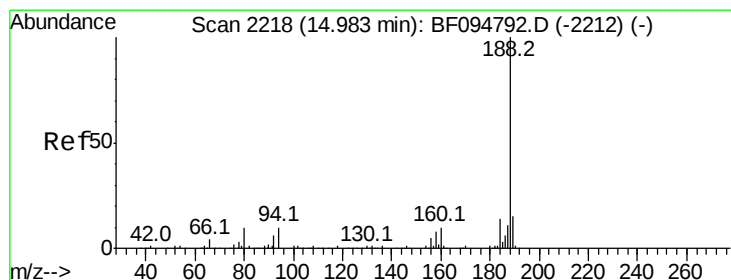
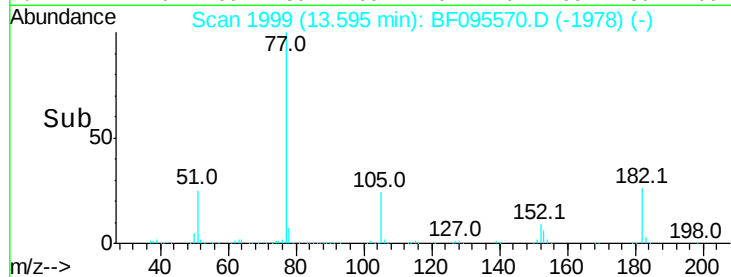
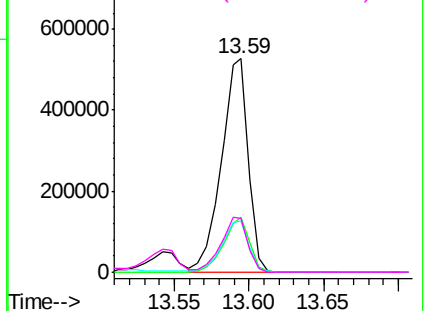


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2206

Delta R.T. -0.19 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

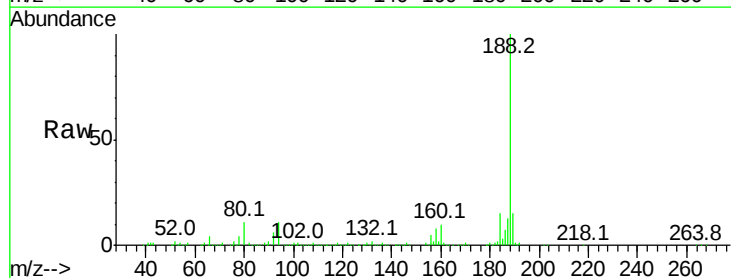
Tgt Ion: 188 Resp: 343829

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

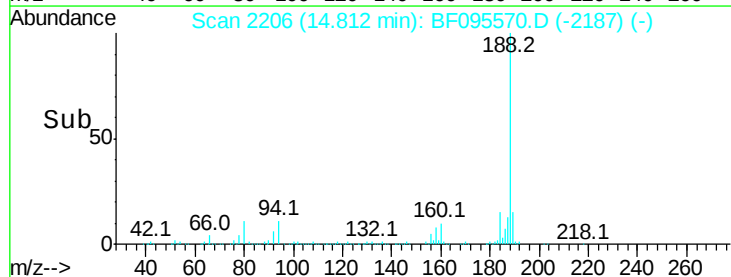
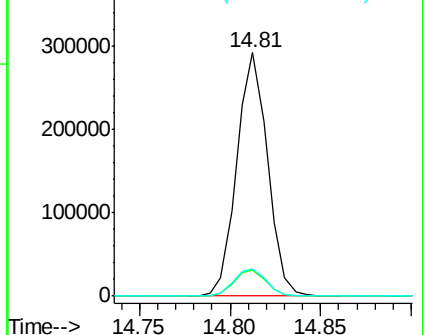
80 11.2 10.2 15.2

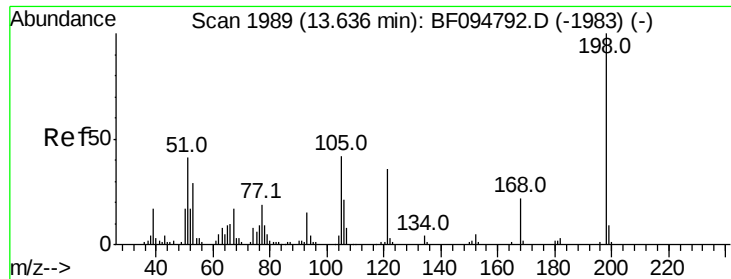


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

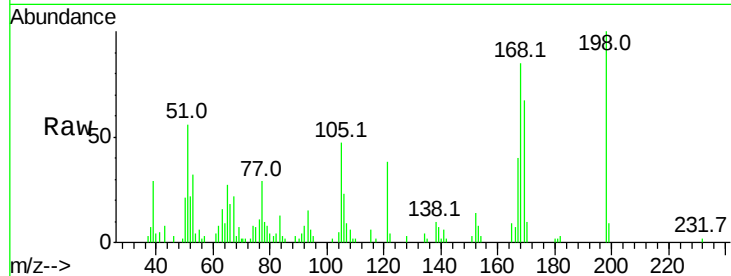




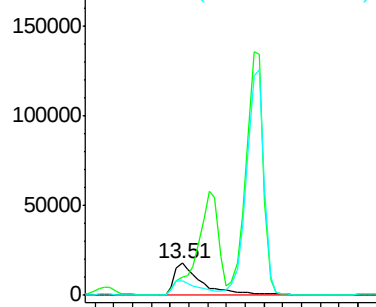
#64
4,6-Dinitro-2-methylphenol
Concen: 16.46 ng
RT: 13.51 min Scan# 1985
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Instrument :
BNA_F
ClientSampleId :

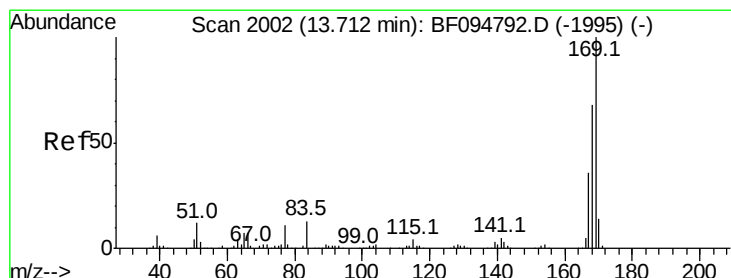
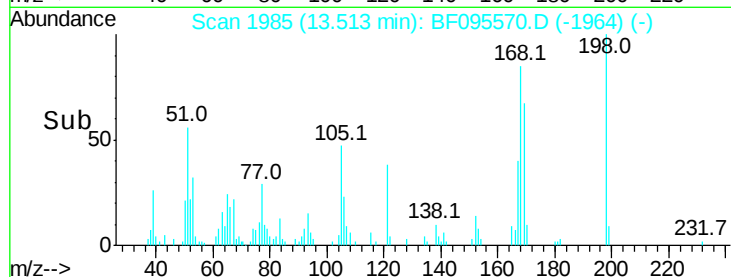
Tot Ion:198 Resp: 37949
Ion Ratio Lower Upper
198 100
51 55.6 53.2 93.2
105 46.6 45.8 85.8



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

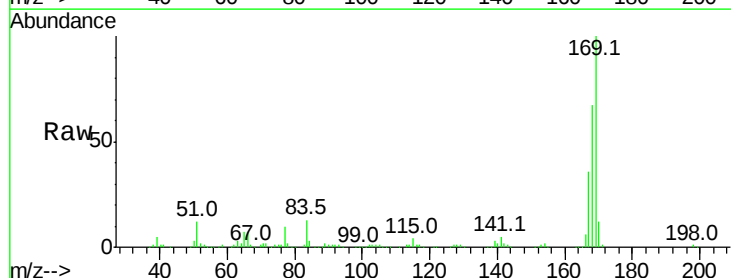


Time-->

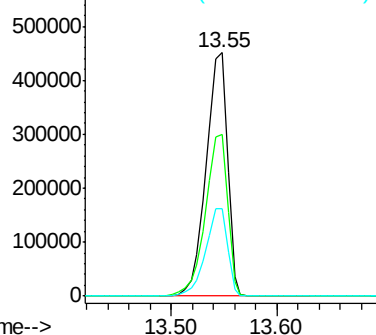


#65
n-Nitrosodiphenylamine
Concen: 50.17 ng
RT: 13.55 min Scan# 1991
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

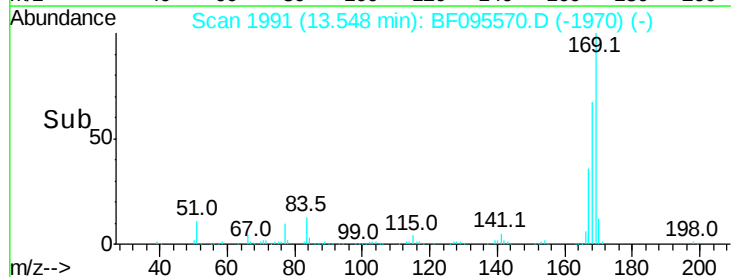
Tgt Ion:169 Resp: 626078
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 36.1 29.5 44.3

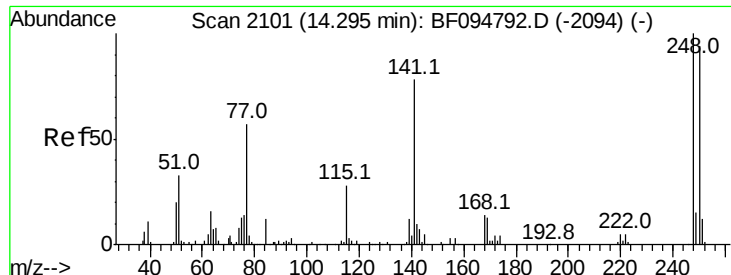


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->

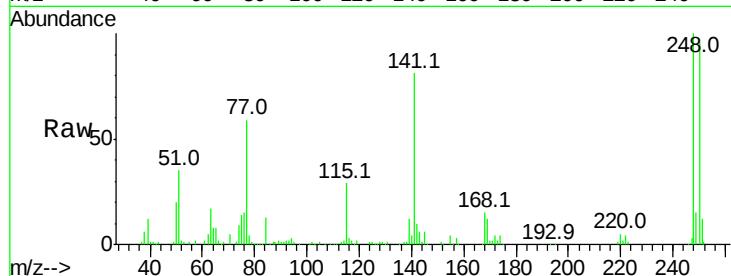




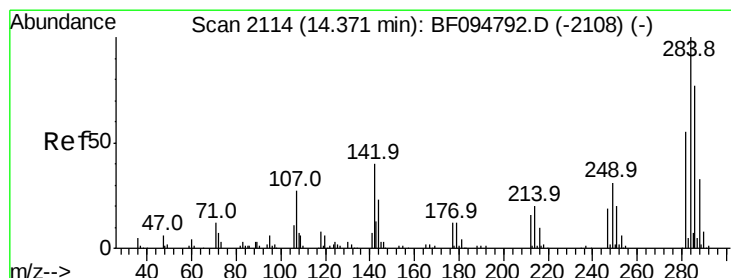
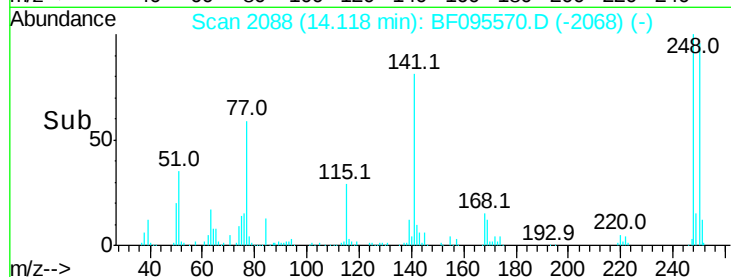
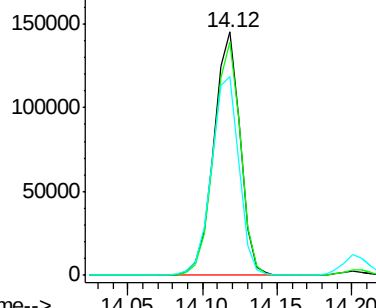
#66
4-Bromophenyl-phenylether
Concen: 48.89 ng
RT: 14.12 min Scan# 2088
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 177603
Ion Ratio Lower Upper
248 100
250 95.9 76.8 115.2
141 81.5 68.6 103.0

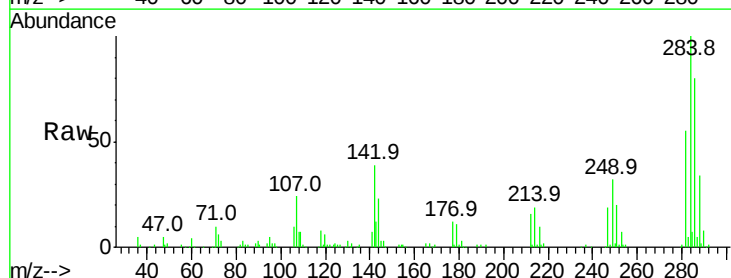


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

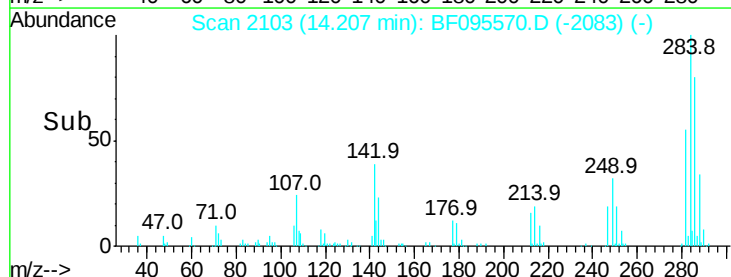
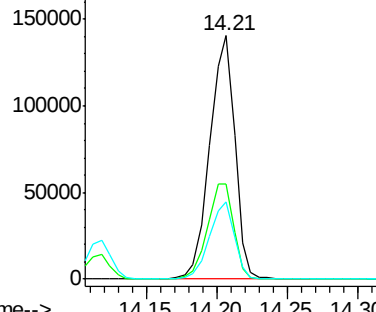


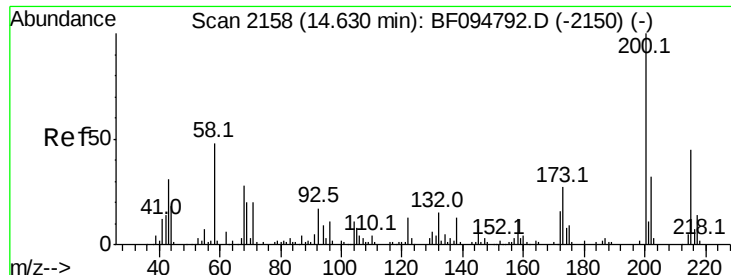
#67
Hexachlorobenzene
Concen: 46.84 ng
RT: 14.21 min Scan# 2103
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Tgt Ion:284 Resp: 174364
Ion Ratio Lower Upper
284 100
142 39.3 22.8 34.2#
249 31.8 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

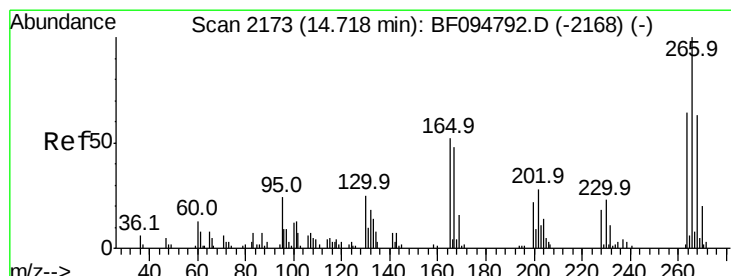
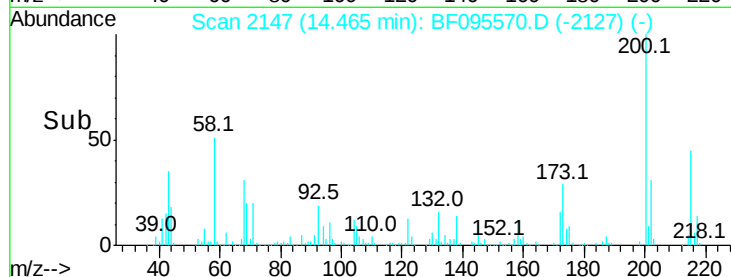
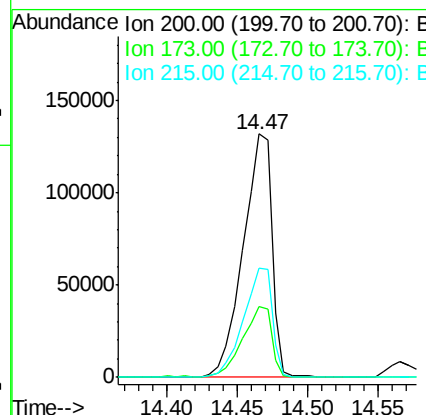
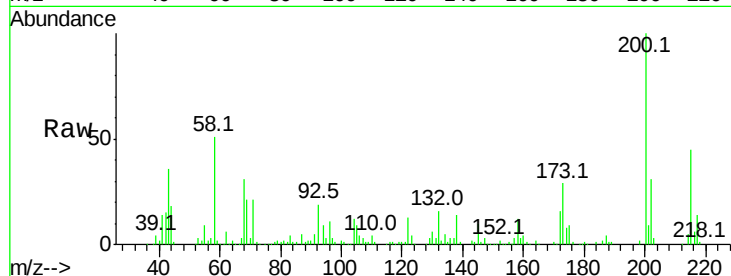




#68
 Atrazine
 Concen: 53.39 ng
 RT: 14.47 min Scan# 2147
 Delta R.T. -0.18 min
 Lab File: BF095570.D
 Acq: 31 May 2017 18:31

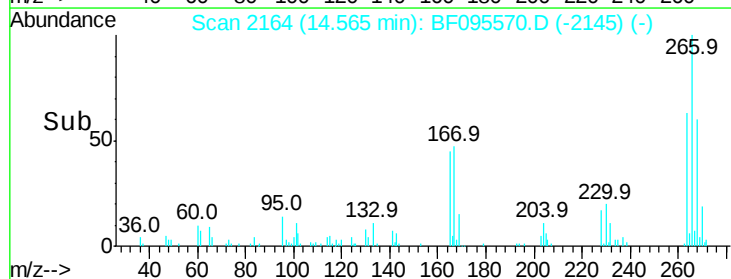
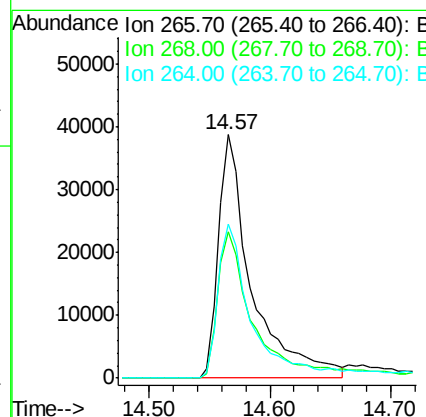
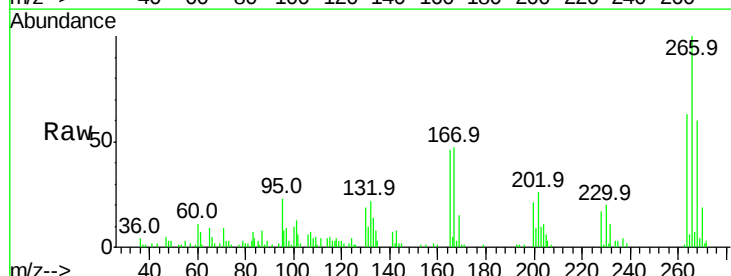
Instrument :
 BNA_F
 ClientSampleId :

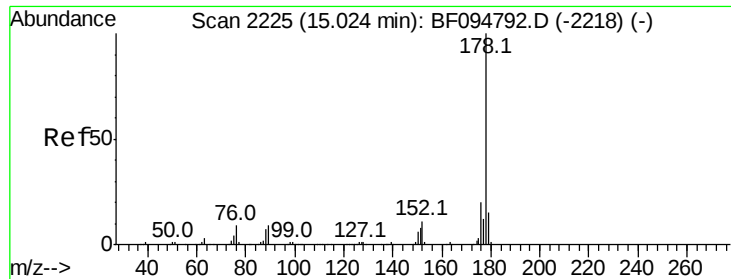
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.9	6.3	46.3
215	45.0	27.2	67.2



#69
 Pentachlorophenol
 Concen: 46.47 ng
 RT: 14.57 min Scan# 2164
 Delta R.T. -0.19 min
 Lab File: BF095570.D
 Acq: 31 May 2017 18:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.2	51.1	76.7
264	63.0	51.7	77.5

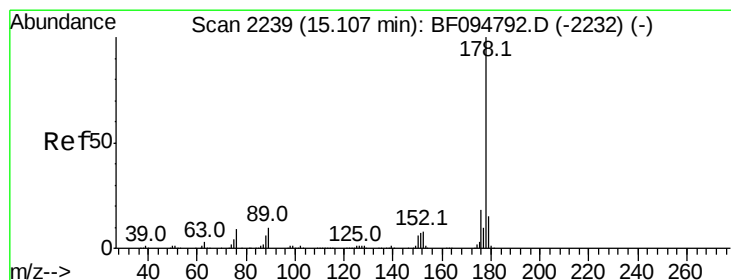
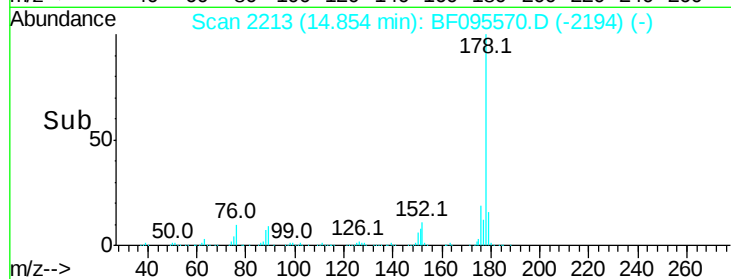
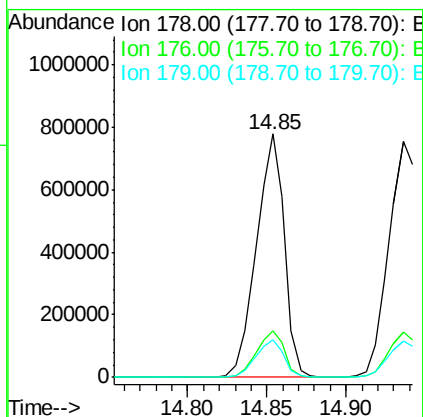
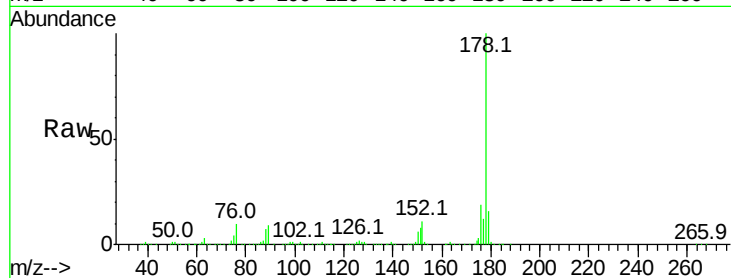




#70
Phenanthrene
Concen: 48.41 ng
RT: 14.85 min Scan# 2213
Delta R.T. -0.19 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

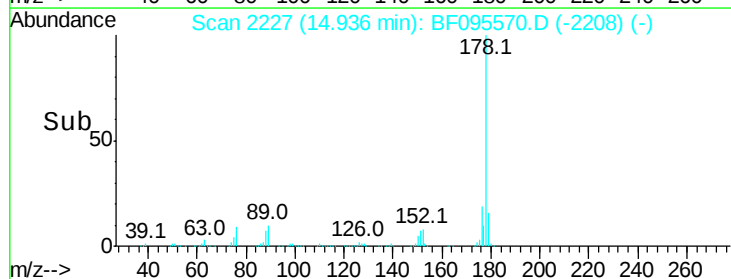
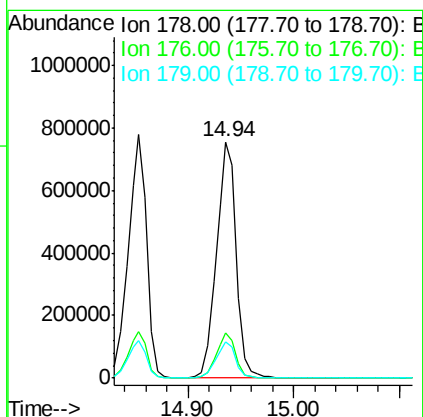
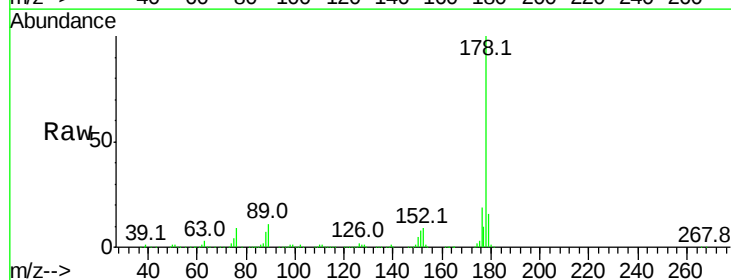
Instrument :
BNA_F
ClientSampleId :

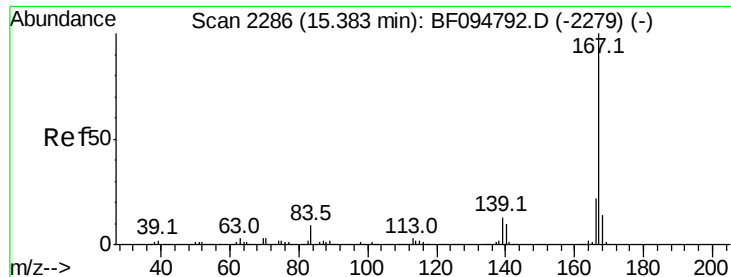
Tot Ion:178 Resp: 956321
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.4
179 15.7 12.6 19.0



#71
Anthracene
Concen: 48.86 ng
RT: 14.94 min Scan# 2227
Delta R.T. -0.19 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Tgt Ion:178 Resp: 985967
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.6 12.7 19.1





#72

Carbazole

Concen: 51.28 ng

RT: 15.22 min Scan# 2276

Delta R.T. -0.18 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

Instrument :

BNA_F

ClientSampleId :

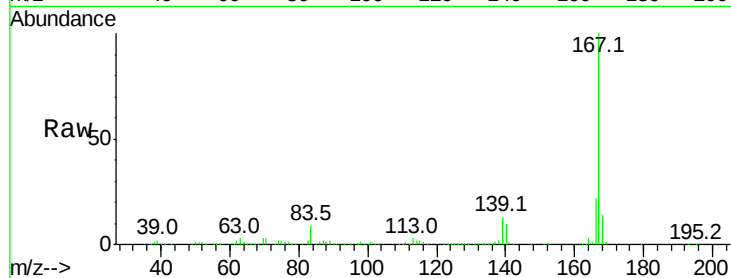
Tot Ion:167 Resp: 941525

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

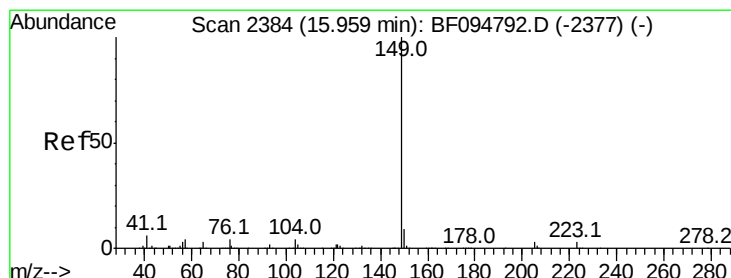
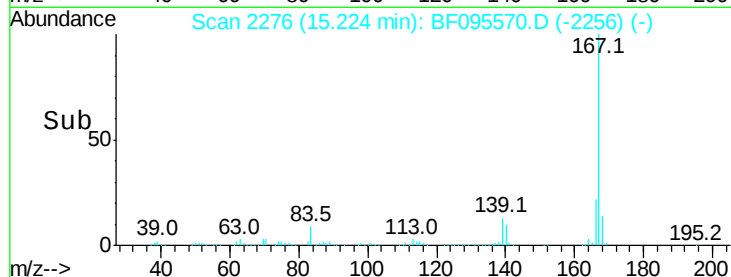
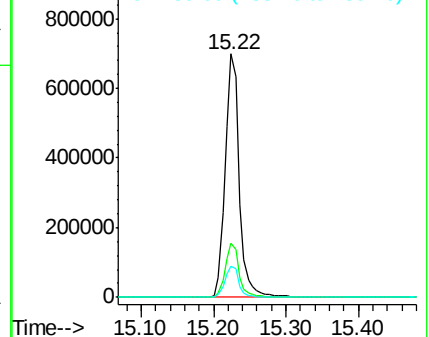
139 13.0 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 47.60 ng

RT: 15.80 min Scan# 2374

Delta R.T. -0.16 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

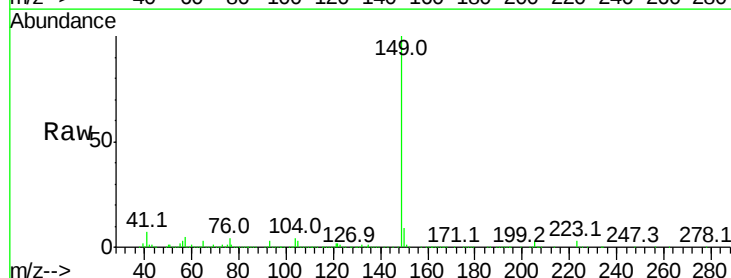
Tgt Ion:149 Resp: 1089878

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

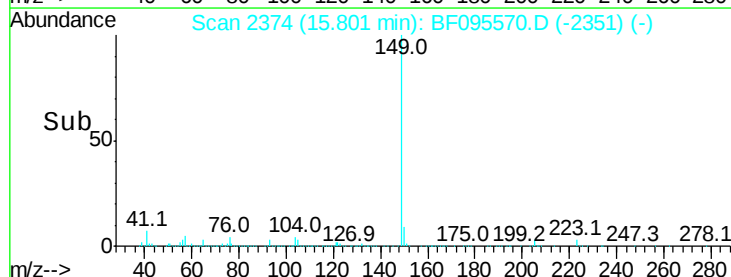
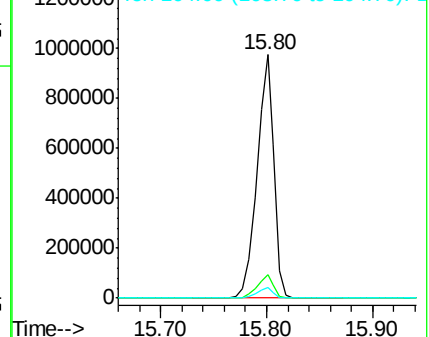
104 4.4 4.0 6.0

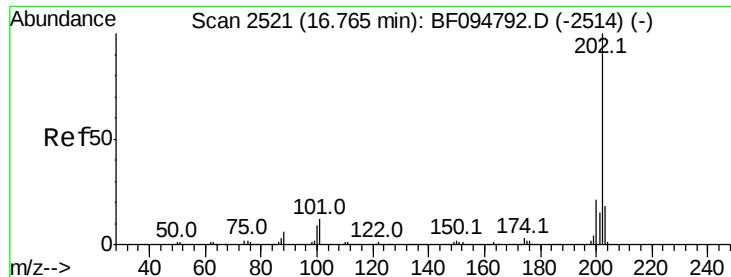


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 45.75 ng

RT: 16.61 min Scan# 2512

Delta R.T. -0.17 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

Instrument :

BNA_F

ClientSampled :

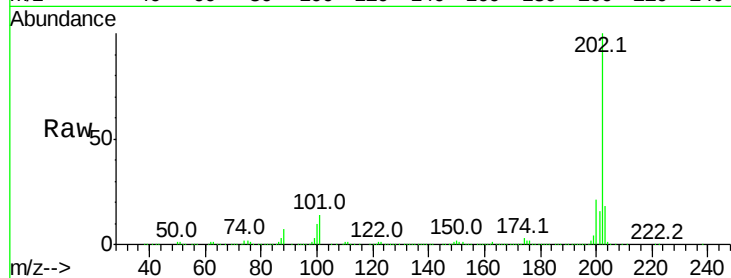
Tot Ion:202 Resp: 927212

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.2

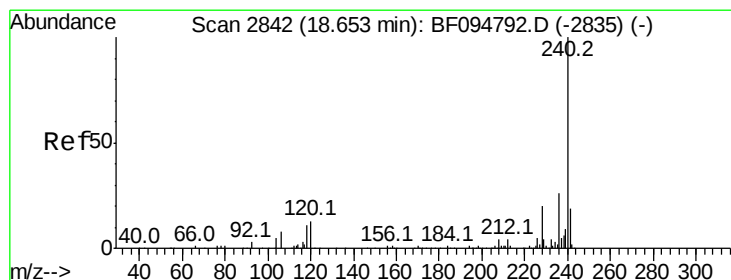
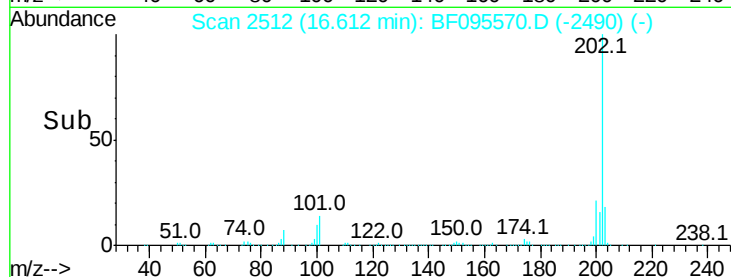
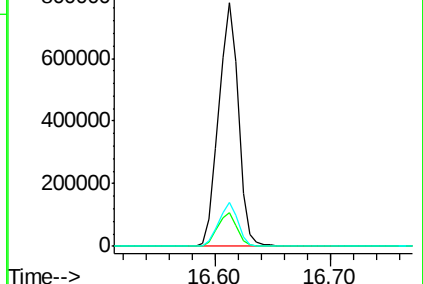
203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.51 min Scan# 2835

Delta R.T. -0.16 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

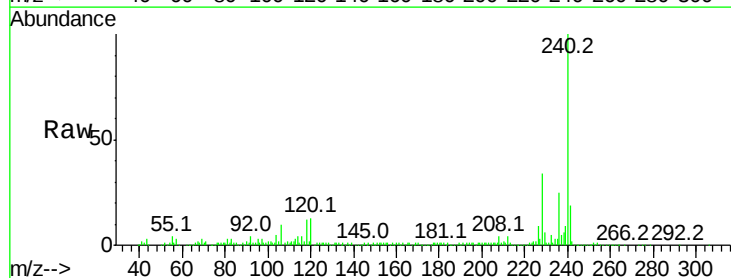
Tgt Ion:240 Resp: 194652

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

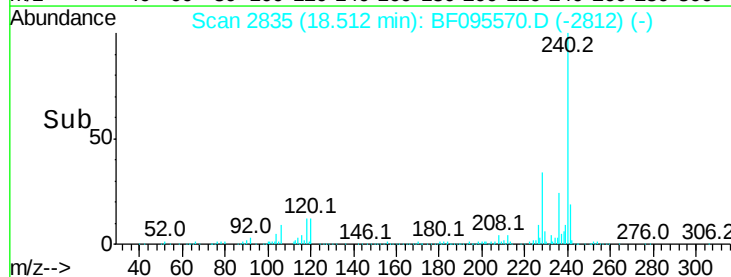
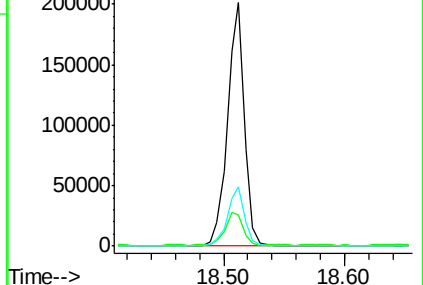
236 24.6 20.5 30.7

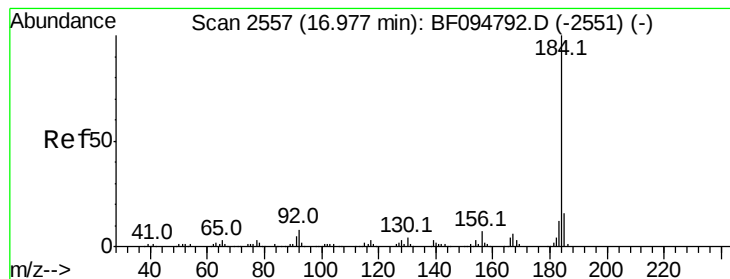


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 46.39 ng

RT: 16.84 min Scan# 2550

Delta R.T. -0.17 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

Instrument :

BNA_F

ClientSampleId :

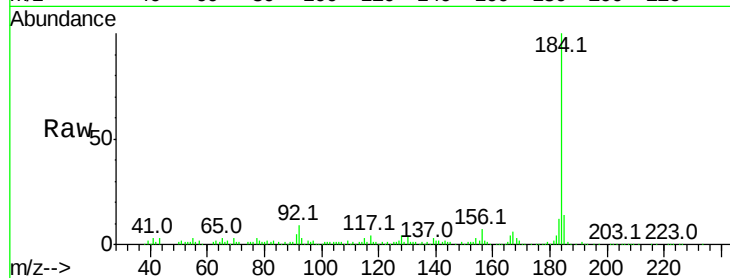
Tot Ion:184 Resp: 242843

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

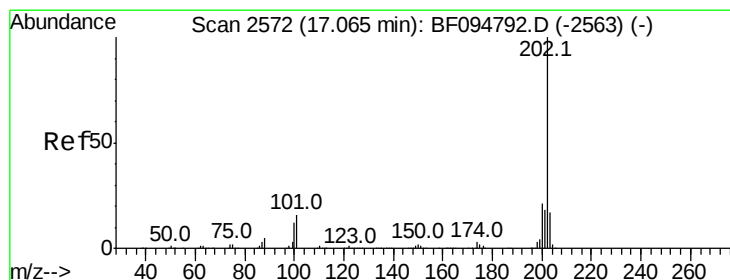
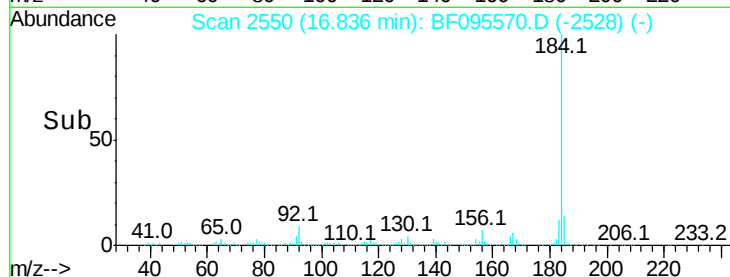
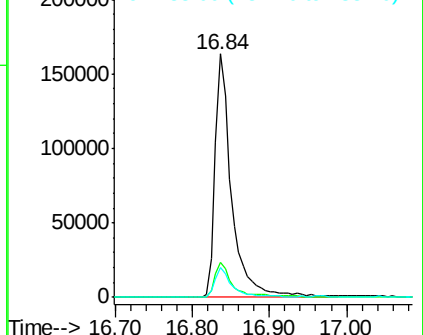
183 12.3 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 61.82 ng

RT: 16.91 min Scan# 2563

Delta R.T. -0.18 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

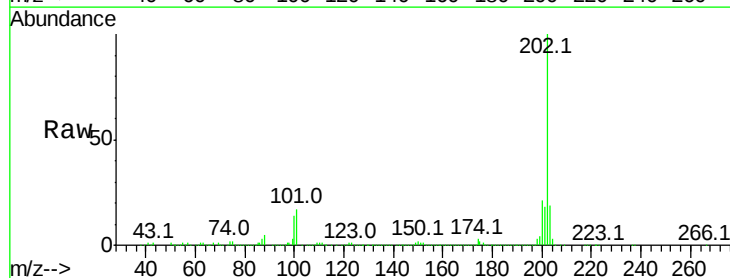
Tgt Ion:202 Resp: 899893

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

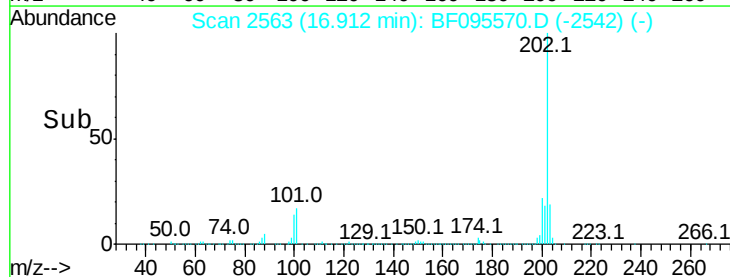
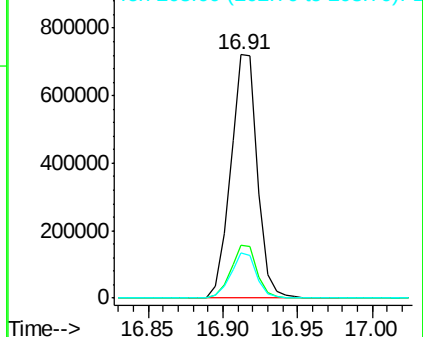
203 18.7 14.4 21.6

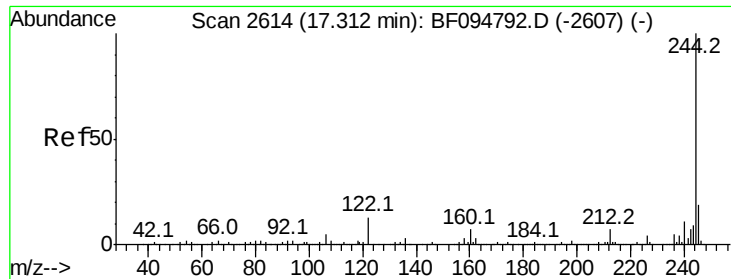


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 109.29 ng

RT: 17.17 min Scan# 2606

Delta R.T. -0.16 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

Instrument :

BNA_F

ClientSampleId :

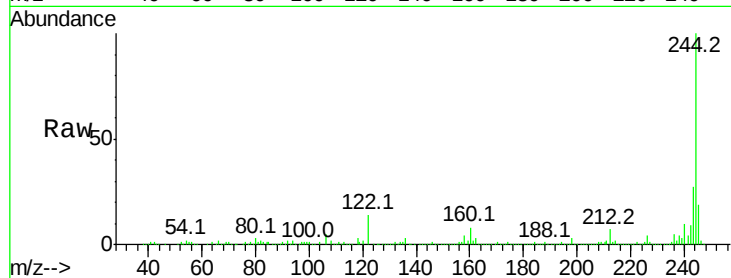
Tot Ion:244 Resp: 965894

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

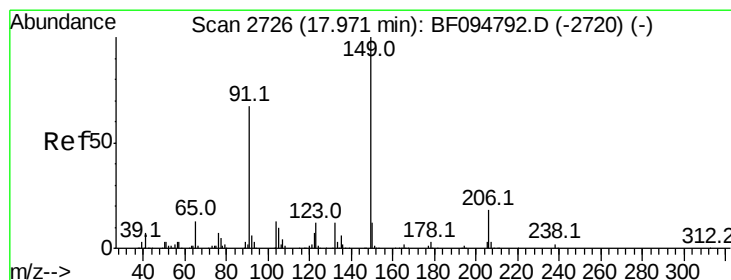
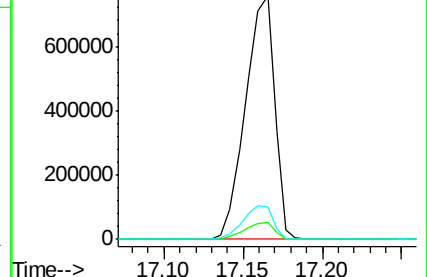
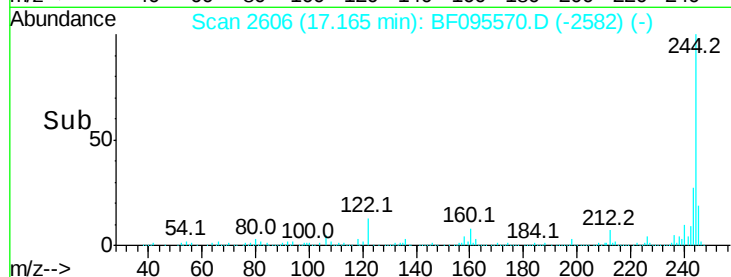
122 13.5 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 61.87 ng

RT: 17.82 min Scan# 2718

Delta R.T. -0.15 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

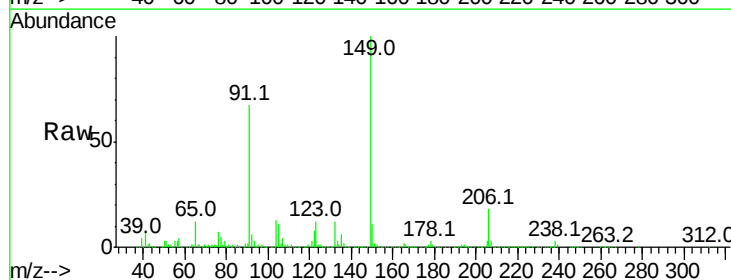
Tgt Ion:149 Resp: 418910

Ion Ratio Lower Upper

149 100

91 66.9 45.0 67.4

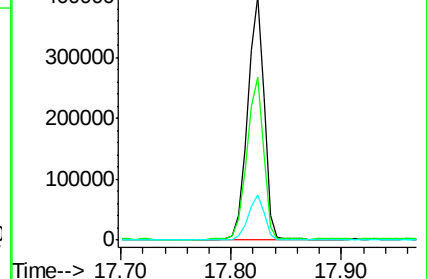
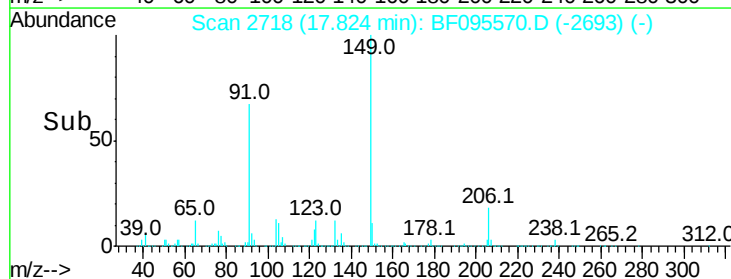
206 18.4 17.0 25.6

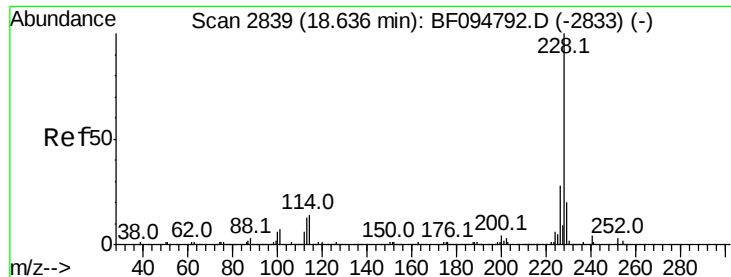


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 51.92 ng

RT: 18.49 min Scan# 2832

Delta R.T. -0.17 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

Instrument :

BNA_F

ClientSampleId :

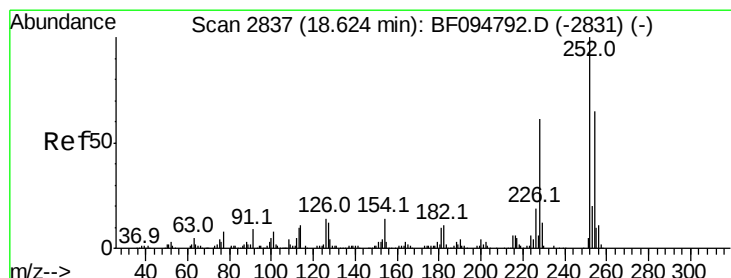
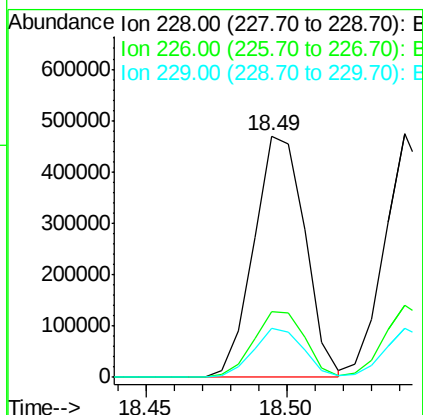
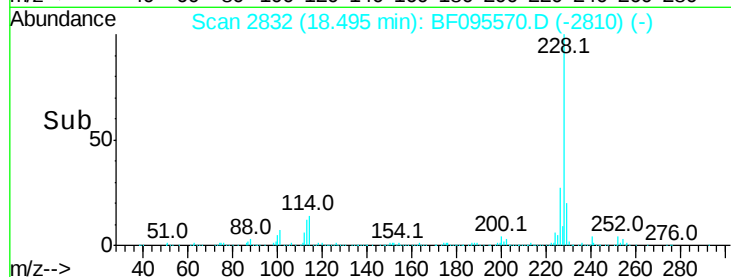
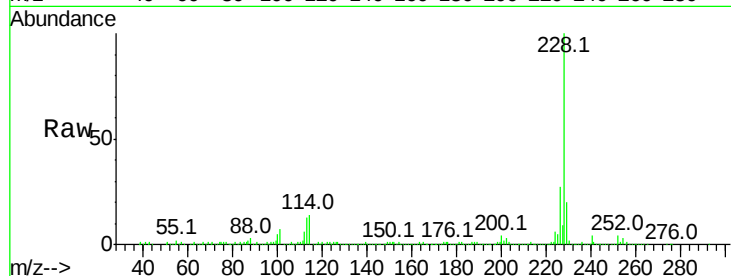
Tot Ion:228 Resp: 588174

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

229 20.3 16.3 24.5



#81

3,3'-Dichlorobenzidine

Concen: 39.32 ng

RT: 18.48 min Scan# 2829

Delta R.T. -0.16 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

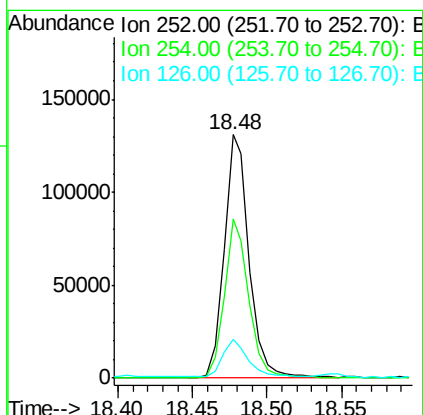
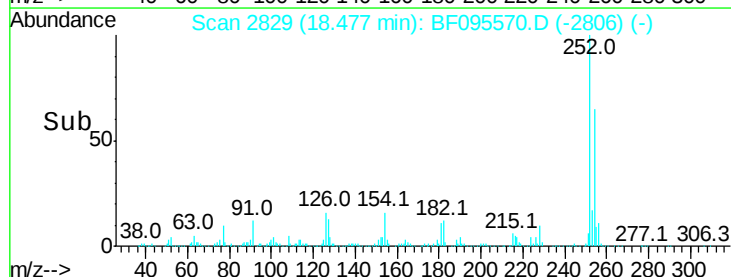
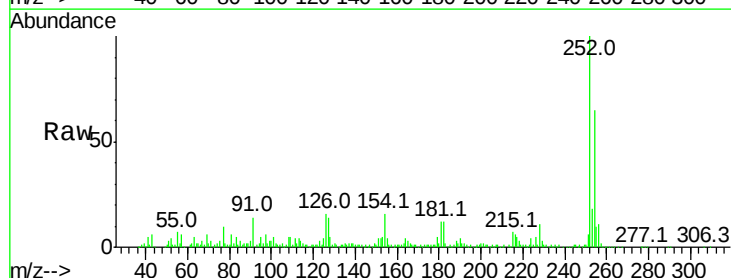
Tgt Ion:252 Resp: 153840

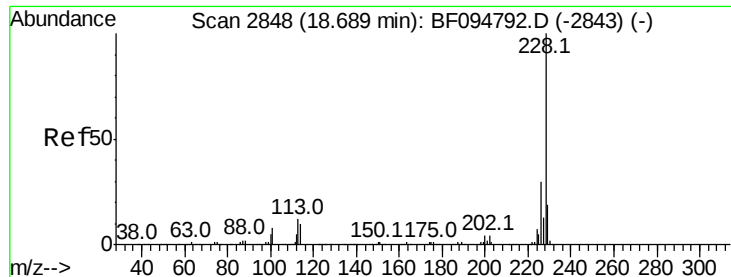
Ion Ratio Lower Upper

252 100

254 65.4 51.5 77.3

126 16.1 15.8 23.8

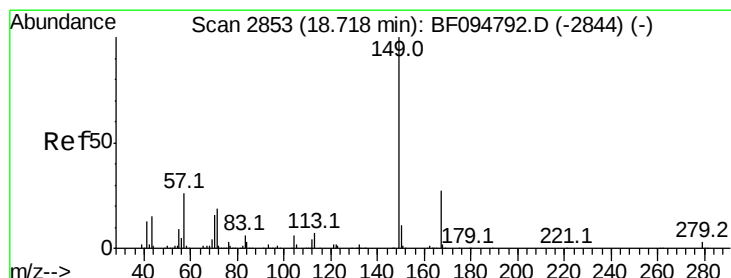
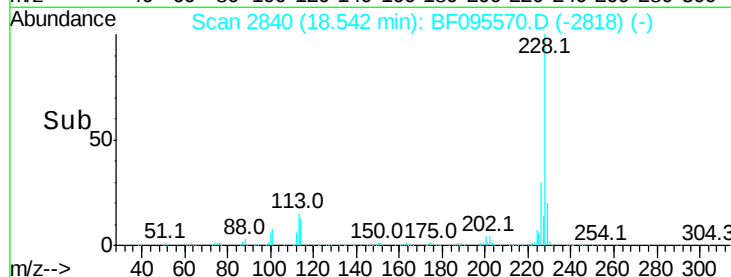
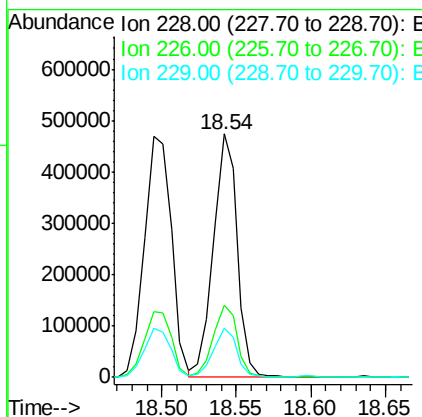
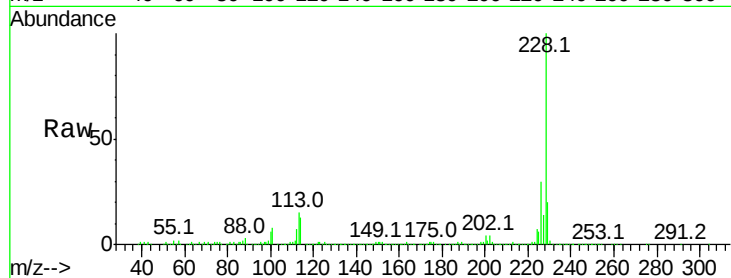




#82
 Chrysene
 Concen: 47.97 ng
 RT: 18.54 min Scan# 2840
 Delta R.T. -0.17 min
 Lab File: BF095570.D
 Acq: 31 May 2017 18:31

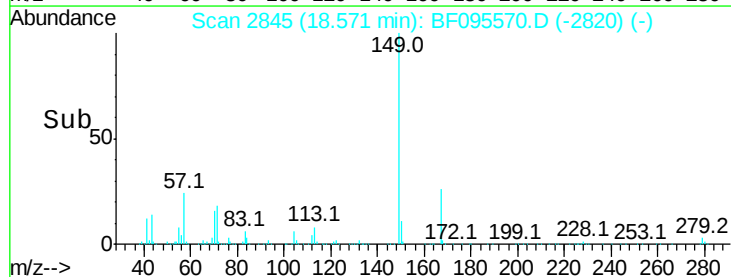
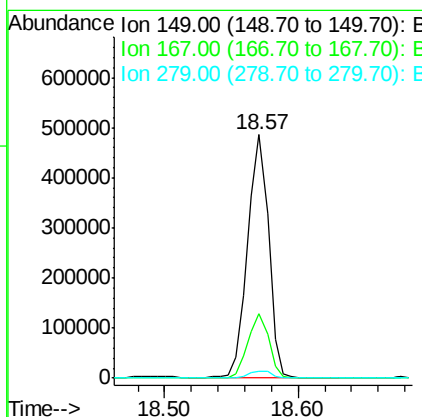
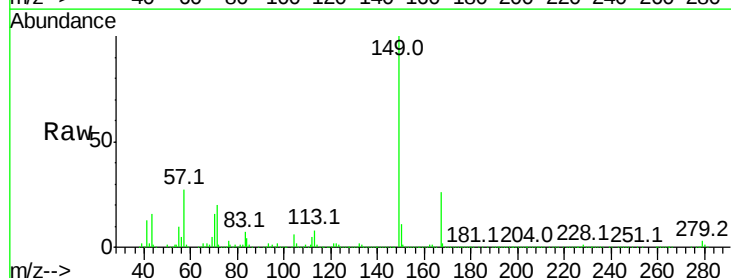
Instrument :
 BNA_F
 ClientSampleId :

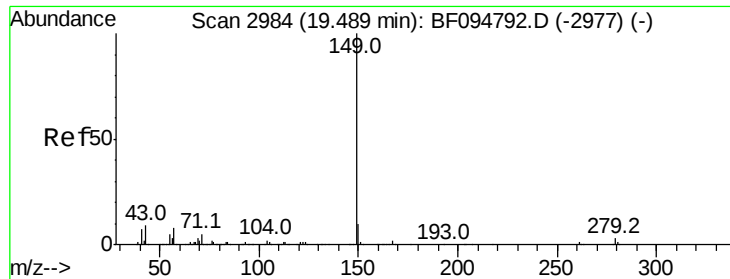
Tot Ion:228 Resp: 525436
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.9 37.3
 229 20.1 15.8 23.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.93 ng
 RT: 18.57 min Scan# 2845
 Delta R.T. -0.15 min
 Lab File: BF095570.D
 Acq: 31 May 2017 18:31

Tgt Ion:149 Resp: 520292
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.4
 279 3.0 1.9 2.9#

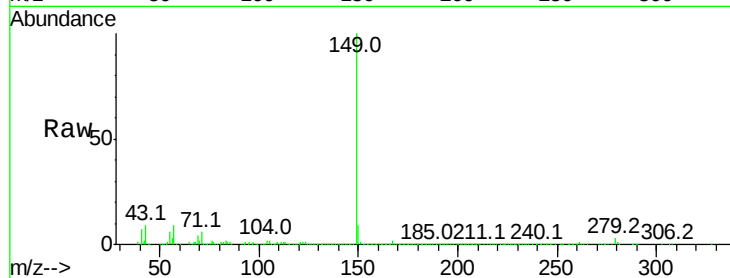




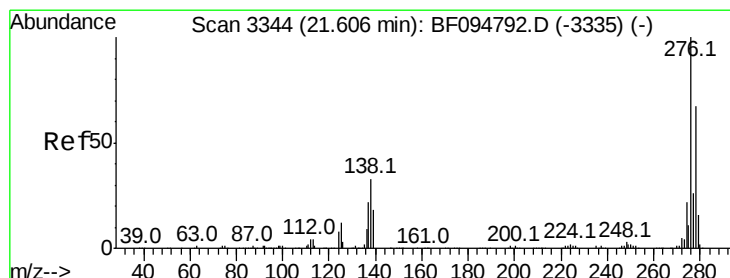
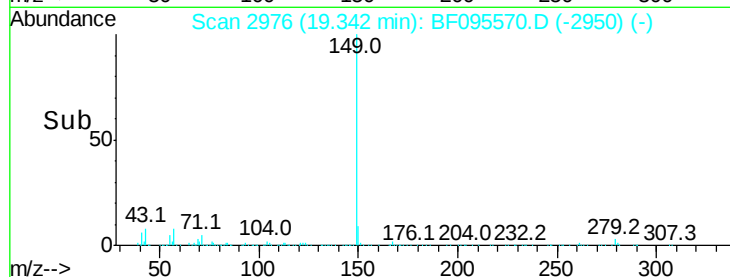
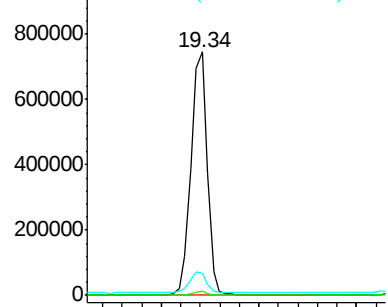
#84
Di-n-octyl phthalate
Concen: 53.97 ng
RT: 19.34 min Scan# 2976
Delta R.T. -0.15 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.2	8.5	12.7

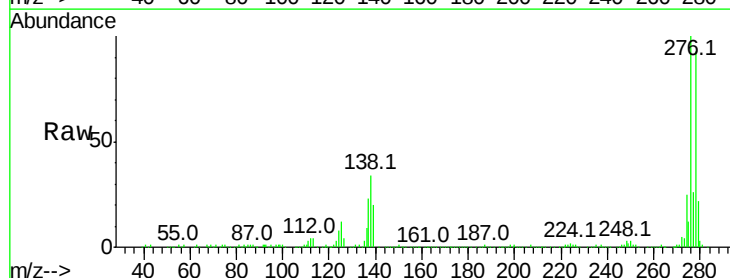


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

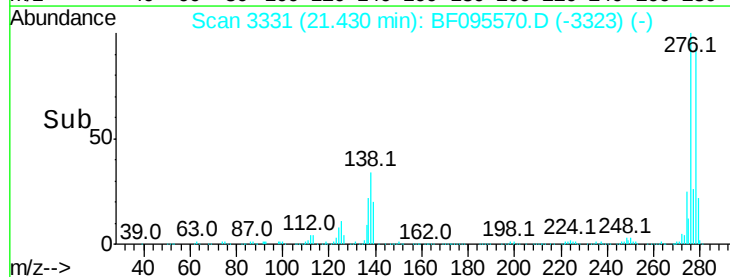
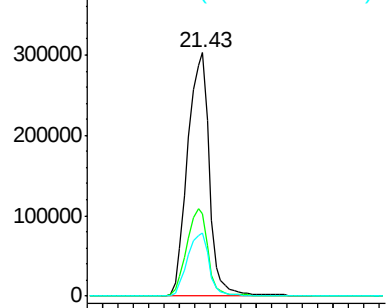


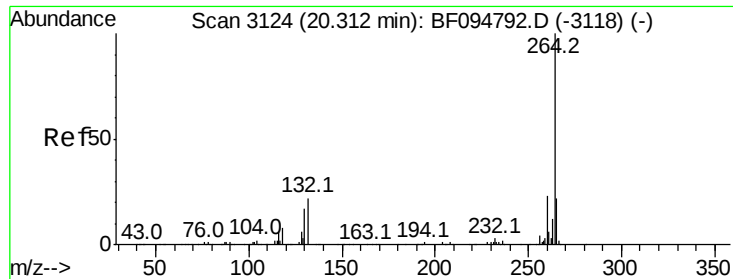
#85
Indeno(1,2,3-cd)pyrene
Concen: 66.47 ng
RT: 21.43 min Scan# 3331
Delta R.T. -0.25 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	26.0	20.2	30.4



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

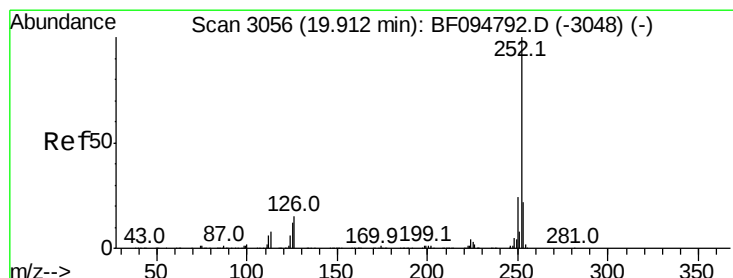
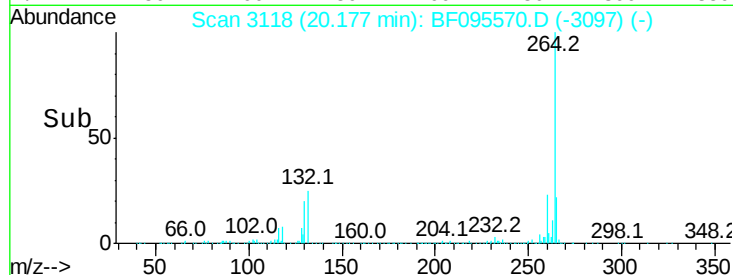
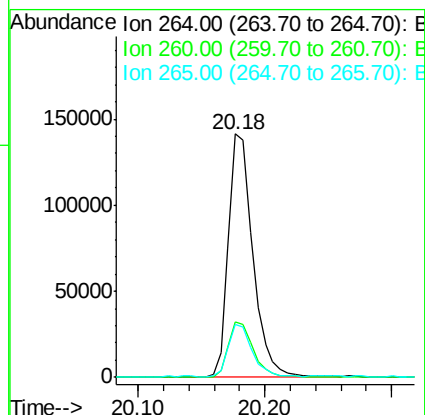
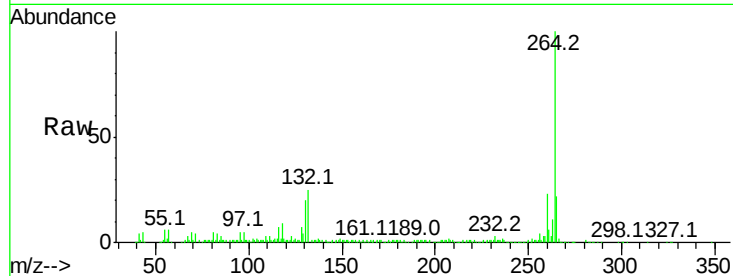




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 3118
Delta R.T. -0.18 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

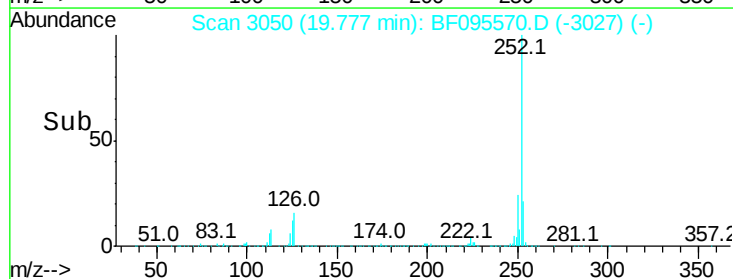
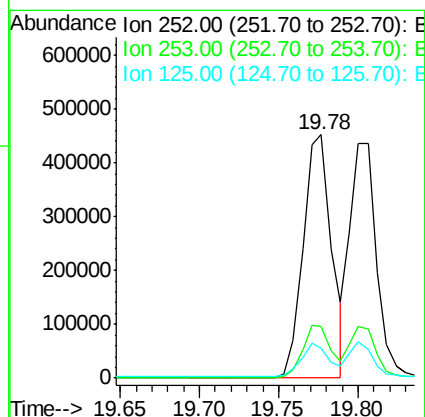
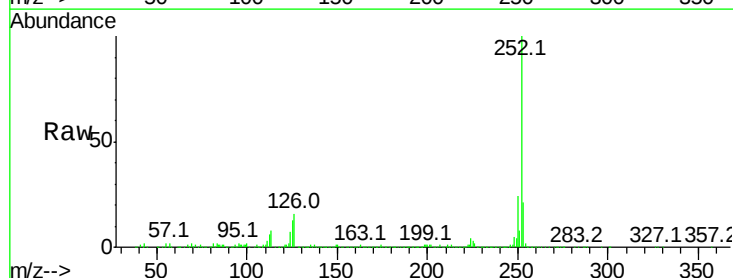
Instrument :
BNA_F
ClientSampleId :

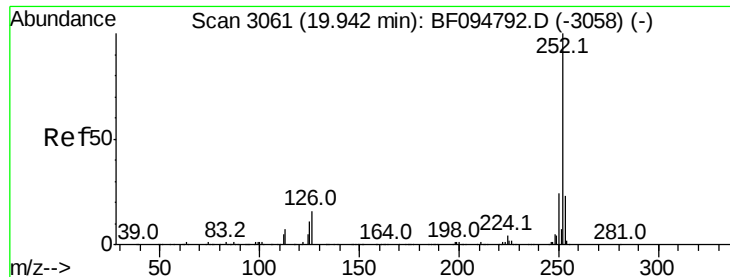
Tot Ion:264 Resp: 189375
Ion Ratio Lower Upper
264 100
260 22.8 19.5 29.3
265 21.9 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 47.92 ng
RT: 19.78 min Scan# 3050
Delta R.T. -0.16 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Tgt Ion:252 Resp: 560796
Ion Ratio Lower Upper
252 100
253 21.1 18.1 27.1
125 12.5 9.8 14.8





#88

Benzo(k)fluoranthene

Concen: 45.13 ng

RT: 19.80 min Scan# 3054

Delta R.T. -0.17 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

Instrument :

BNA_F

ClientSampleId :

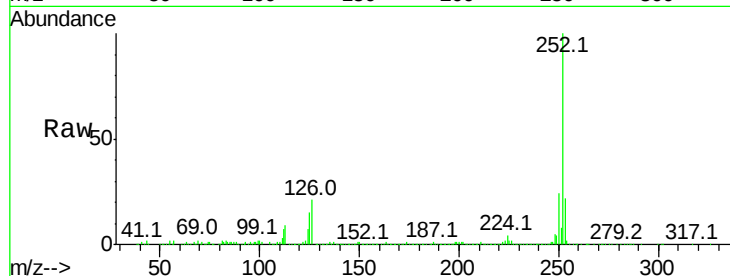
Tot Ion:252 Resp: 509395

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

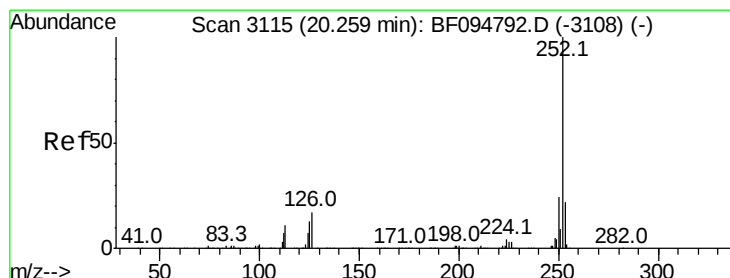
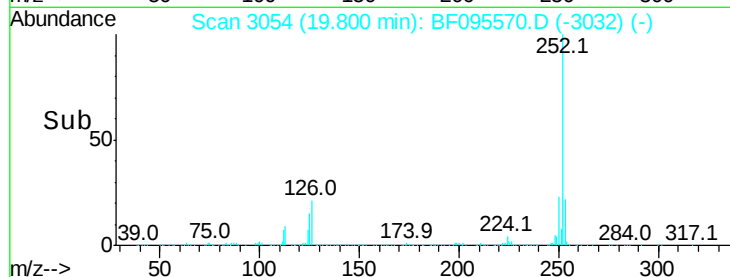
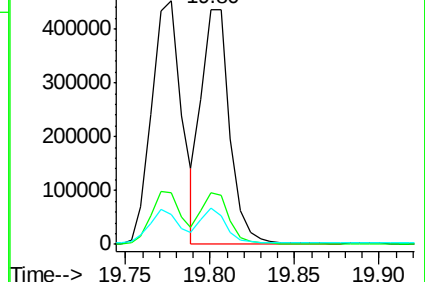
125 15.2 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 47.31 ng

RT: 20.12 min Scan# 3109

Delta R.T. -0.18 min

Lab File: BF095570.D

Acq: 31 May 2017 18:31

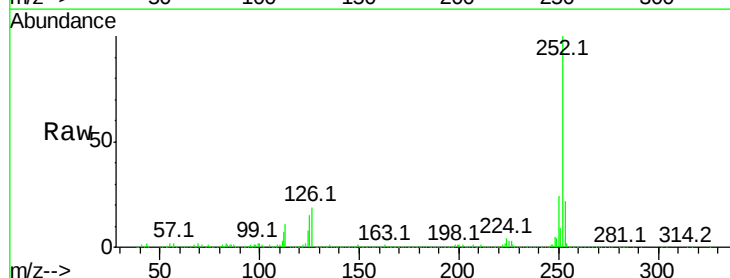
Tgt Ion:252 Resp: 510851

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

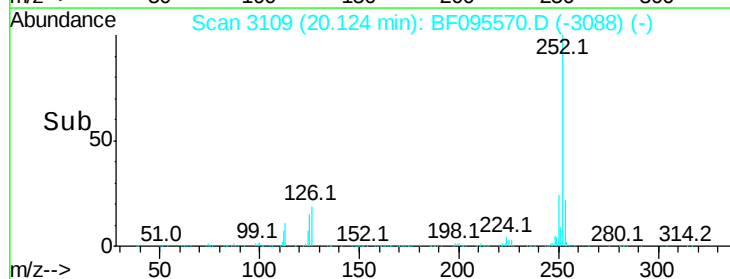
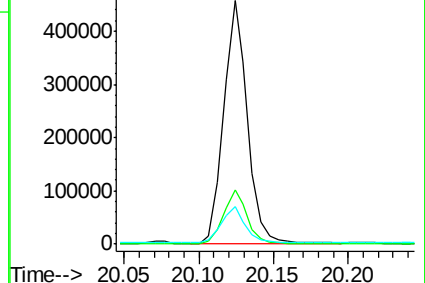
125 15.3 11.0 16.4

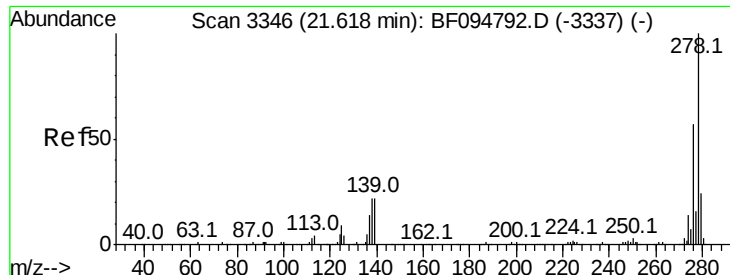


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

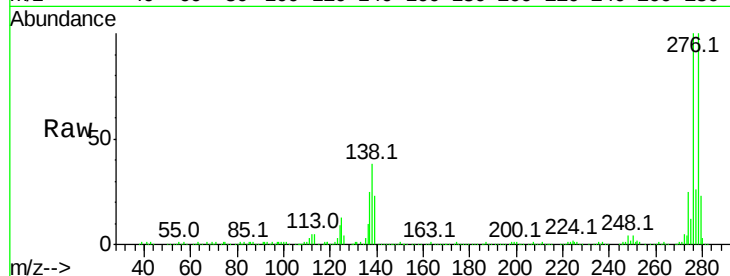




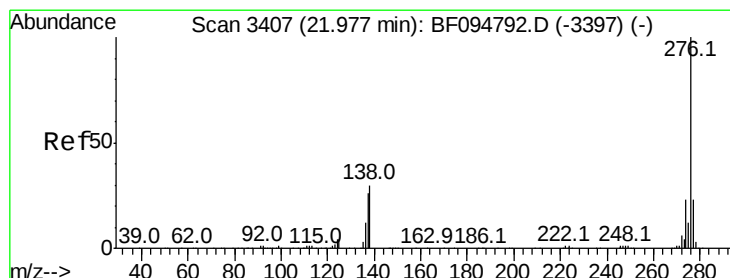
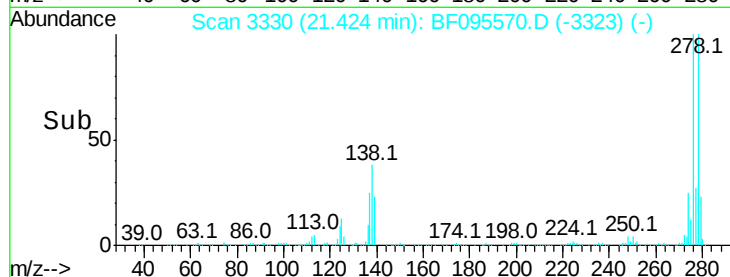
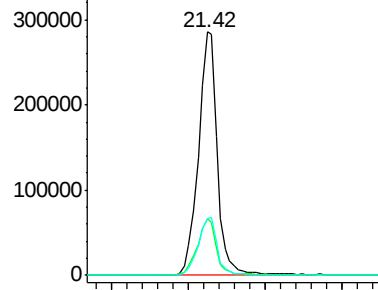
#90
Dibenzo(a,h)anthracene
Concen: 54.64 ng
RT: 21.42 min Scan# 3330
Delta R.T. -0.26 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 487260
Ion Ratio Lower Upper
278 100
139 23.4 16.6 24.8
279 23.4 19.3 28.9

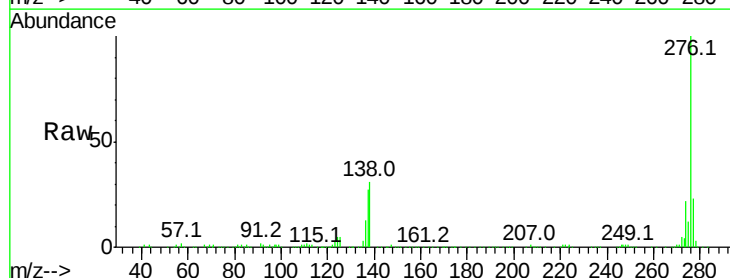


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 59.22 ng
RT: 21.78 min Scan# 3390
Delta R.T. -0.29 min
Lab File: BF095570.D
Acq: 31 May 2017 18:31

Tgt Ion:276 Resp: 518239
Ion Ratio Lower Upper
276 100
277 22.9 18.6 28.0
138 30.6 25.4 38.0



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

