

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095397.D
 Acq On : 24 May 2017 19:31
 Operator : SJ/MA
 Sample : I3241-17MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 01:06:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	83637	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	331965	20.00	ng	-0.02
38) Acenaphthene-d10	12.59	164	122743	20.00	ng	-0.02
63) Phenanthrene-d10	15.00	188	188473	20.00	ng	-0.02
75) Chrysene-d12	18.69	240	155200	20.00	ng	0.00
86) Perylene-d12	20.37	264	115743	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	545133	108.67	ng	-0.01
7) Phenol-d6	7.30	99	630859	104.81	ng	-0.01
23) Nitrobenzene-d5	8.65	82	356530	67.72	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	91855	91.38	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	647199	75.89	ng	-0.02
78) Terphenyl-d14	17.33	244	491148	69.70	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.24	88	74972	30.47	ng	93
3) Pyridine	2.94	79	149808	26.27	ng	99
4) n-Nitrosodimethylamine	2.87	42	65724	27.65	ng	79
6) Aniline	7.26	93	128431	16.90	ng	97
8) 2-Chlorophenol	7.45	128	195732	34.28	ng	92
9) Benzaldehyde	7.08	77	66325	18.05	ng	# 82
10) Phenol	7.32	94	254981	40.20	ng	93
11) bis(2-Chloroethyl)ether	7.38	93	187954	35.89	ng	98
12) 1,3-Dichlorobenzene	7.65	146	226531	34.97	ng	98
13) 1,4-Dichlorobenzene	7.78	146	229521	34.94	ng	98
14) 1,2-Dichlorobenzene	8.01	146	219982	35.88	ng	97
15) Benzyl Alcohol	8.04	79	153641	39.69	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	250857	33.85	ng	96
17) 2-Methylphenol	8.26	107	166004	35.53	ng	93
18) Hexachloroethane	8.52	117	56584	25.43	ng	91
19) n-Nitroso-di-n-propylamine	8.45	70	139116	34.17	ng	91
20) 3+4-Methylphenols	8.52	107	206632	32.54	ng	# 56
22) Acetophenone	8.42	105	273265	34.31	ng	# 81
24) Nitrobenzene	8.68	77	191232	34.66	ng	93
25) Isophorone	9.08	82	339058	36.07	ng	96
26) 2-Nitrophenol	9.20	139	78070	26.22	ng	98
27) 2,4-Dimethylphenol	9.33	122	165085	34.29	ng	96
28) bis(2-Chloroethoxy)methane	9.44	93	228051	35.07	ng	97
29) 2,4-Dichlorophenol	9.64	162	147047	32.35	ng	98
30) 1,2,4-Trichlorobenzene	9.70	180	166272	34.14	ng	98
31) Naphthalene	9.80	128	671288	40.23	ng	99
32) Benzoic acid	9.62	122	1939	5.63	ng	# 19
33) 4-Chloroaniline	9.99	127	47529	7.64	ng	# 92
34) Hexachlorobutadiene	10.01	225	81717	31.80	ng	98
35) Caprolactam	10.56	113	34380	25.19	ng	# 82
36) 4-Chloro-3-methylphenol	10.82	107	148206	30.50	ng	90
37) 2-Methylnaphthalene	10.92	142	408808	37.33	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	135200	35.82	ng	99
42) 2,4,6-Trichlorophenol	11.44	196	85754	34.03	ng	98

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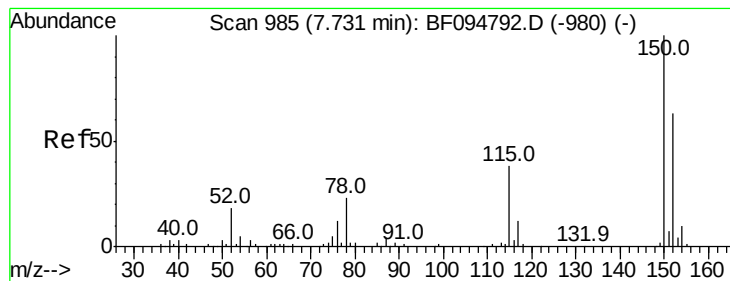
Instrument :
 BNA_F
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Quant Time: May 25 01:06:33 2017
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 Response via : Initial Calibration

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

43) 2,4,5-Trichlorophenol	11.55	196	85598	31.60	nq	# 94
45) 1,1'-Biphenyl	11.69	154	401200	38.82	nq	98
46) 2-Chloronaphthalene	11.71	162	295449	35.41	nq	95
47) 2-Nitroaniline	11.94	65	84813	37.13	nq	# 79
48) Acenaphthylene	12.37	152	535783	40.99	nq	99
49) Dimethylphthalate	12.24	163	411541	40.84	nq	99
50) 2,6-Dinitrotoluene	12.34	165	58898	28.65	nq	# 92
51) Acenaphthene	12.65	154	344679	44.15	nq	98
52) 3-Nitroaniline	12.62	138	63175	28.63	nq	98
54) Dibenzofuran	12.94	168	448969	41.56	nq	96
55) 4-Nitrophenol	13.07	139	53908	40.68	nq	# 84
56) 2,4-Dinitrotoluene	13.02	165	67798	25.67	nq	96
57) Fluorene	13.49	166	408547	43.49	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	55572	32.60	nq	95
59) Diethylphthalate	13.38	149	320248	33.16	nq	98
60) 4-Chlorophenyl-phenylether	13.51	204	135300	32.77	nq	92
61) 4-Nitroaniline	13.62	138	57856	28.56	nq	95
62) Azobenzene	13.77	77	263050	33.89	nq	89
65) n-Nitrosodiphenylamine	13.72	169	254261	37.17	nq	98
66) 4-Bromophenyl-phenylether	14.30	248	70411	35.36	nq	99
67) Hexachlorobenzene	14.39	284	67255	32.96	nq	# 86
68) Atrazine	14.64	200	71764	37.16	nq	97
69) Pentachlorophenol	14.77	266	42401	48.45	nq	96
70) Phenanthrene	15.05	178	1802871	166.48	nq	99
71) Anthracene	15.12	178	754577	68.22	nq	97
72) Carbazole	15.41	167	467445	46.44	nq	97
73) Di-n-butylphthalate	15.97	149	458137	36.50	nq	99
74) Fluoranthene	16.81	202	2221966	200.03	nq	99
76) Benzidine	17.05	184	6361	7.90	nq	# 3
77) Pyrene	17.11	202	2355774	202.96	nq	98
79) Butylbenzylphthalate	17.99	149	208930	38.70	nq	91
80) Benzo(a)anthracene	18.68	228	1234070	136.63	nq	99
81) 3,3'-Dichlorobenzidine	18.65	252	56922	18.25	nq	98
82) Chrysene	18.73	228	1100905	126.05	nq	98
83) Bis(2-ethylhexyl)phthalate	18.74	149	269120	34.99	nq	# 99
84) Di-n-octyl phthalate	19.50	149	522670	41.44	nq	96
85) Indeno(1,2,3-cd)pyrene	21.70	276	488646	68.89	nq	96
87) Benzo(b)fluoranthene	19.96	252	970890	135.75	nq	# 97
88) Benzo(k)fluoranthene	19.96	252	970890	140.73	nq	98
89) Benzo(a)pyrene	20.31	252	699236	105.95	nq	97
90) Dibenzo(a,h)anthracene	21.70	278	255725	46.92	nq	96
91) Benzo(g,h,i)perylene	22.09	276	459562	85.92	nq	98

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

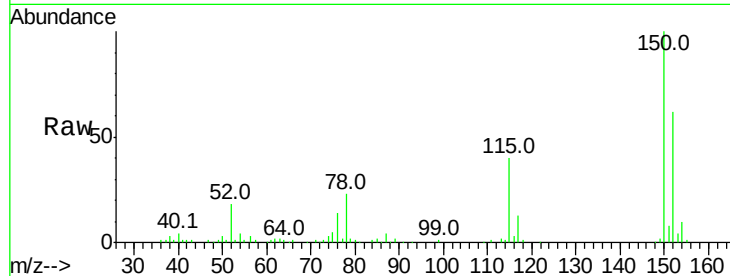


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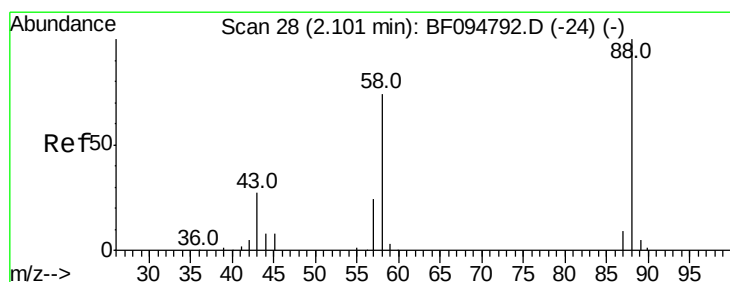
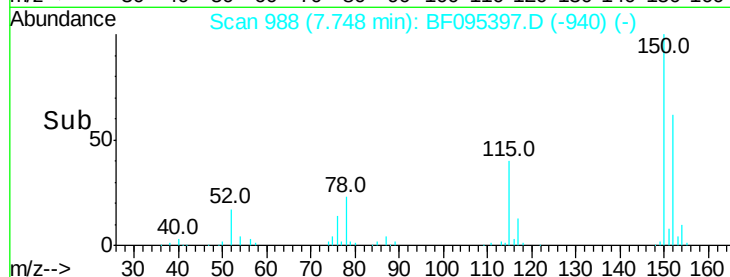
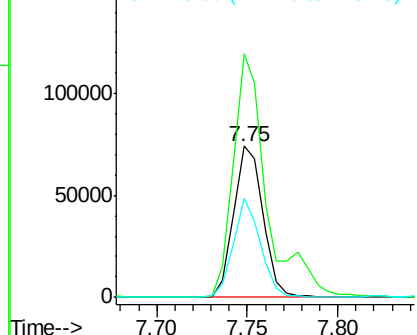
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83637
Ion Ratio Lower Upper
152 100
150 161.1 126.2 189.2
115 65.2 52.2 78.2



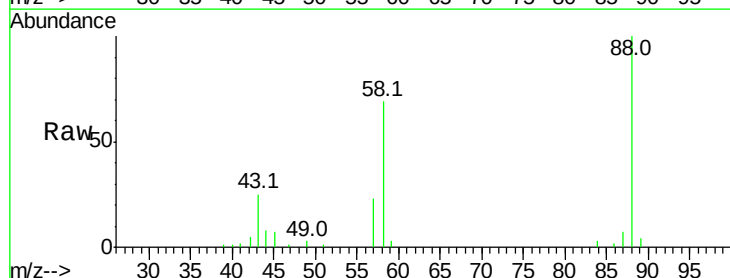
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



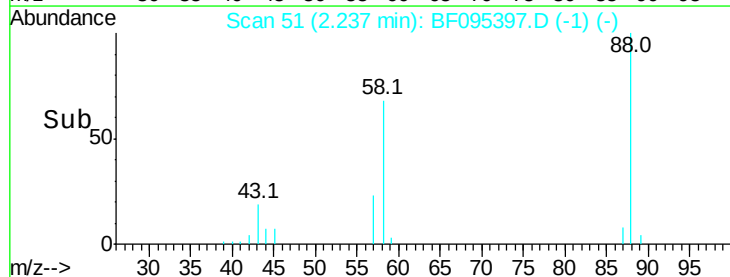
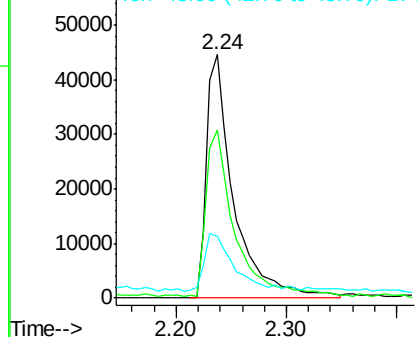
#2

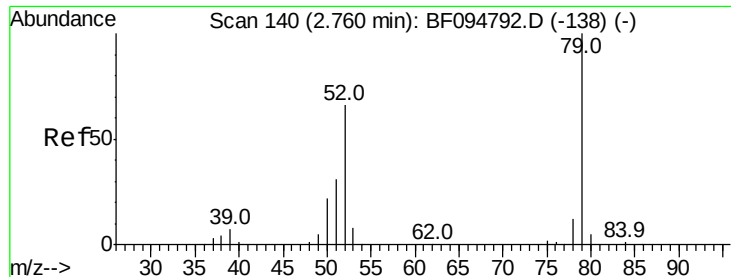
1,4-Dioxane
Concen: 30.47 ng
RT: 2.24 min Scan# 51
Delta R.T. 0.01 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

Tgt Ion: 88 Resp: 74972
Ion Ratio Lower Upper
88 100
58 70.8 61.4 92.0
43 25.6 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 26.27 ng

RT: 2.94 min Scan# 171

Delta R.T. 0.02 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Instrument :

BNA_F

ClientSampleId :

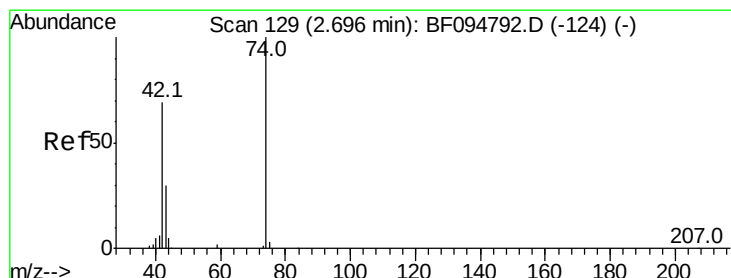
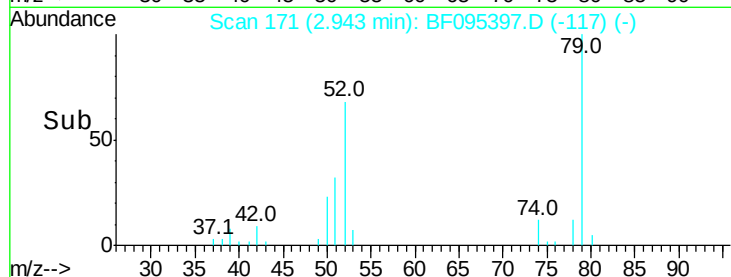
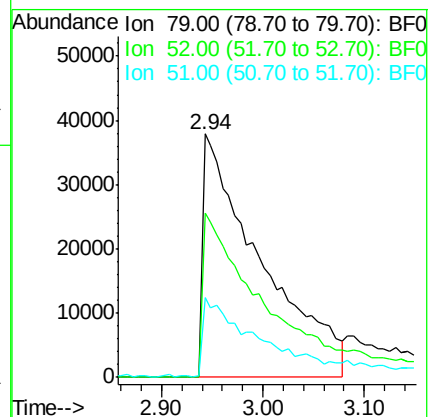
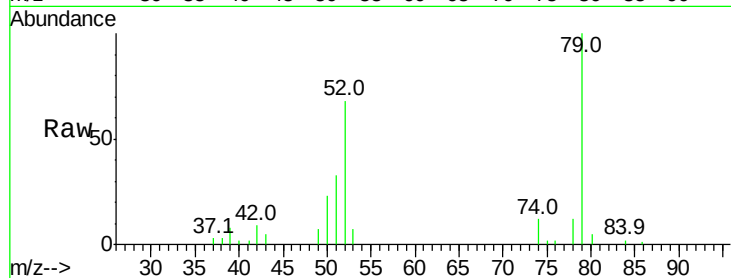
Tot Ion: 79 Resp: 149808

Ion Ratio Lower Upper

79 100

52 67.6 54.8 82.2

51 33.0 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 27.65 ng

RT: 2.87 min Scan# 158

Delta R.T. 0.02 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

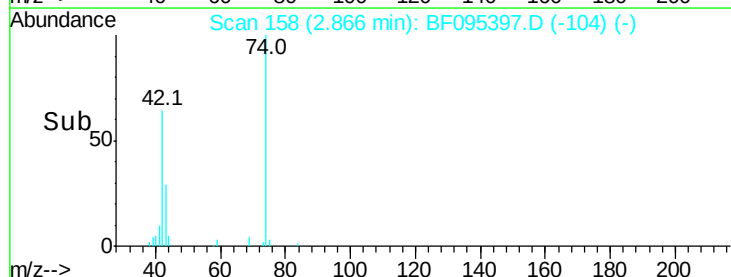
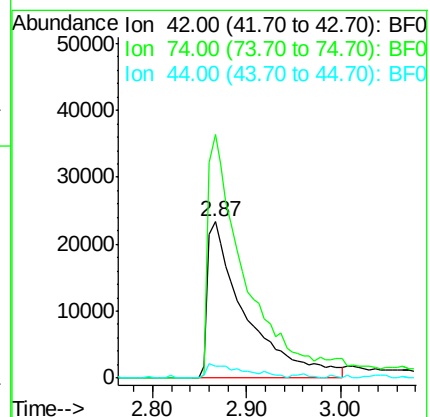
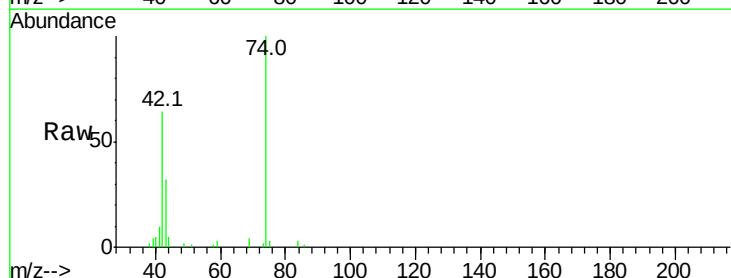
Tgt Ion: 42 Resp: 65724

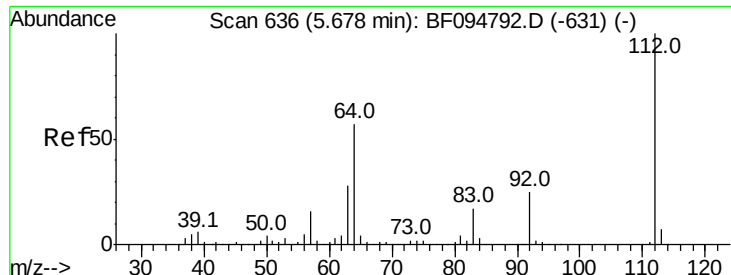
Ion Ratio Lower Upper

42 100

74 155.8 103.9 155.9

44 7.9 5.7 8.5





#5

2-Fluorophenol

Concen: 108.67 ng

RT: 5.72 min Scan# 644

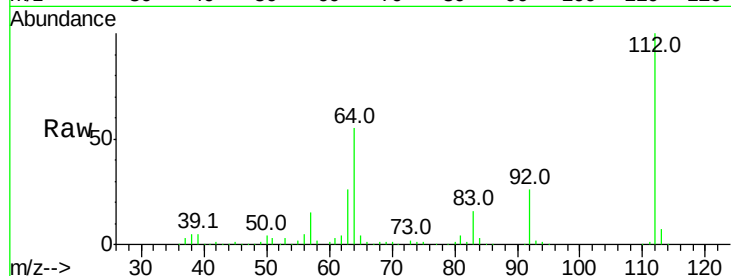
Delta R.T. -0.01 min

Lab File: BF095397.D

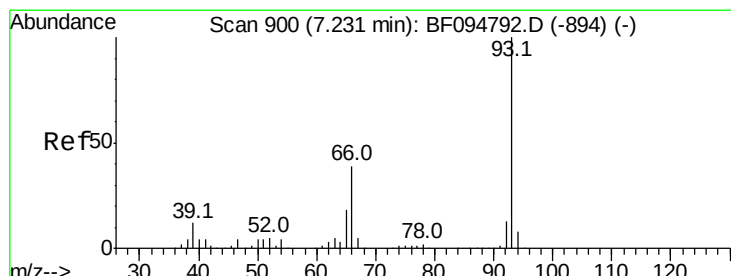
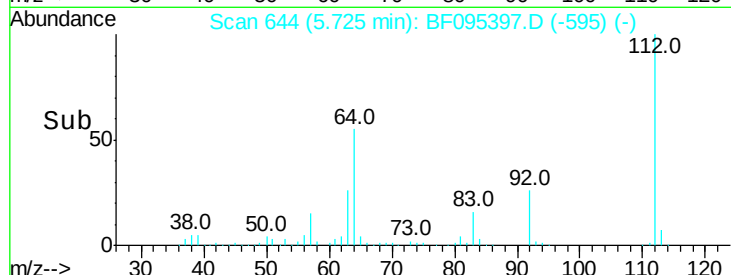
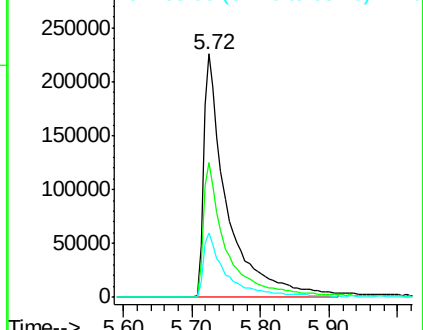
Acq: 24 May 2017 19:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	545133
Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.0	69.0
63	26.3	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 16.90 ng

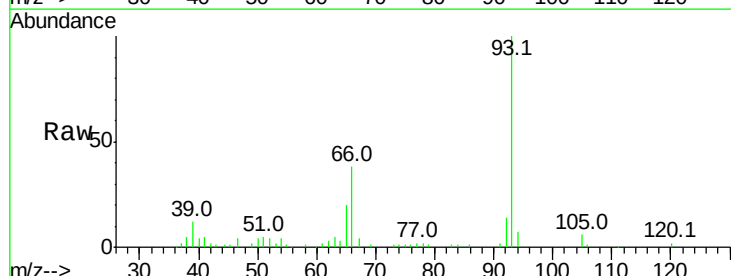
RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

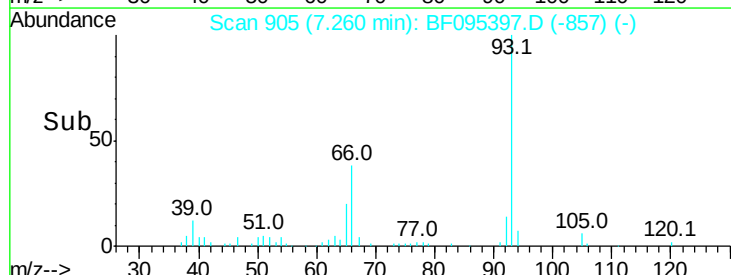
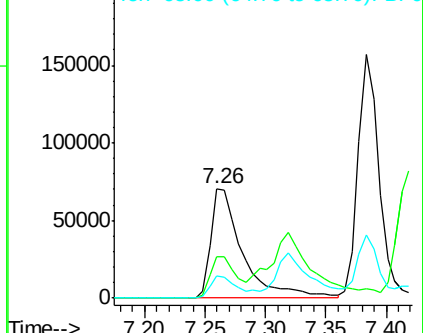
Lab File: BF095397.D

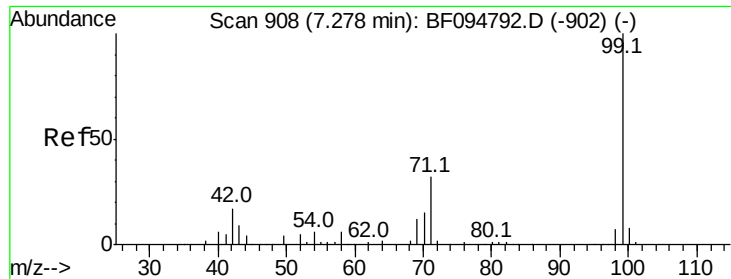
Acq: 24 May 2017 19:31

Tgt Ion:	93	Resp:	128431
Ion	Ratio	Lower	Upper
93	100		
66	37.9	32.9	49.3
65	20.1	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 104.81 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Instrument :

BNA_F

ClientSampled :

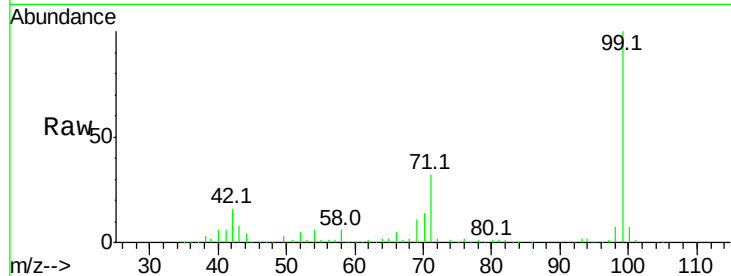
Tot Ion: 99 Resp: 630859

Ion Ratio Lower Upper

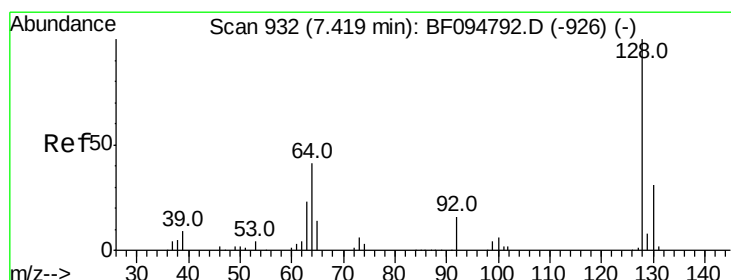
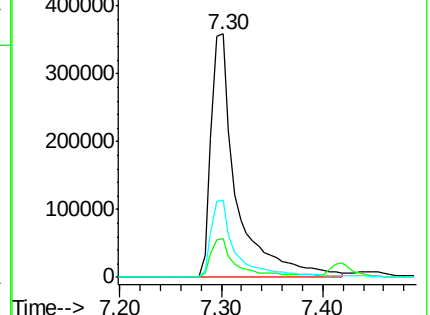
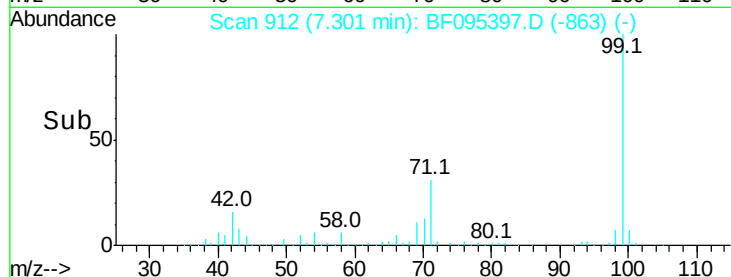
99 100

42 15.7 13.5 20.3

71 31.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 34.28 ng

RT: 7.45 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

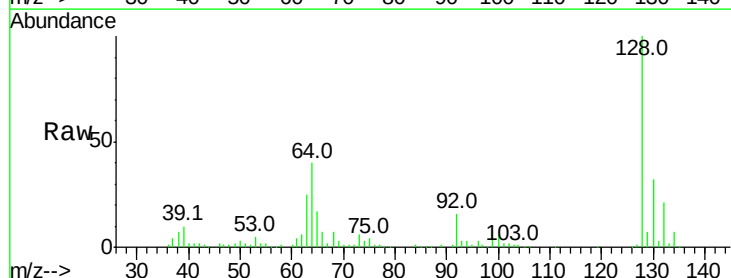
Tgt Ion: 128 Resp: 195732

Ion Ratio Lower Upper

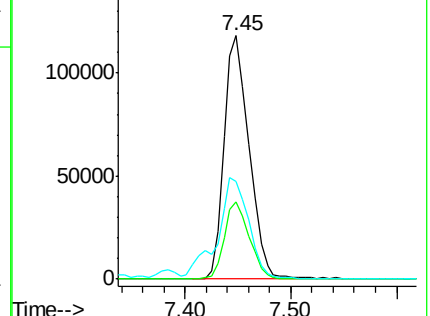
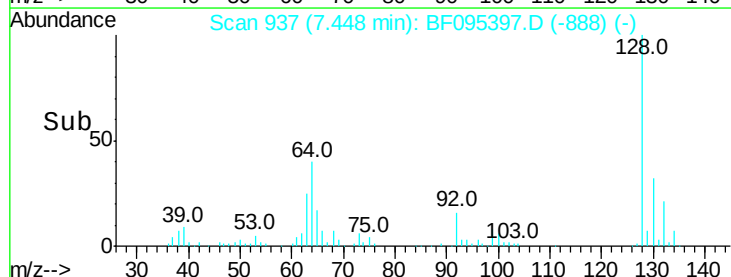
128 100

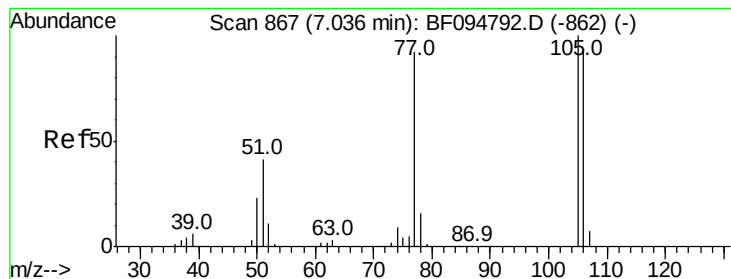
130 31.8 12.9 52.9

64 40.2 28.4 68.4



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





#9

Benzaldehyde

Concen: 18.05 ng

RT: 7.08 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Instrument :

BNA_F

ClientSampled :

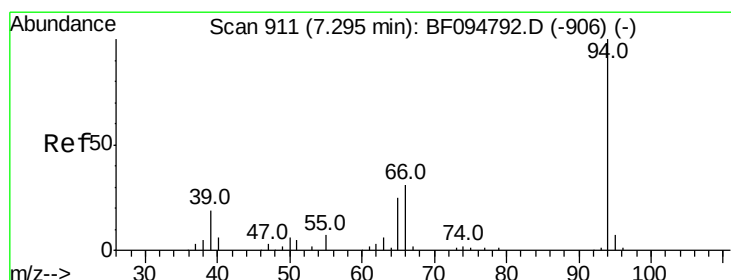
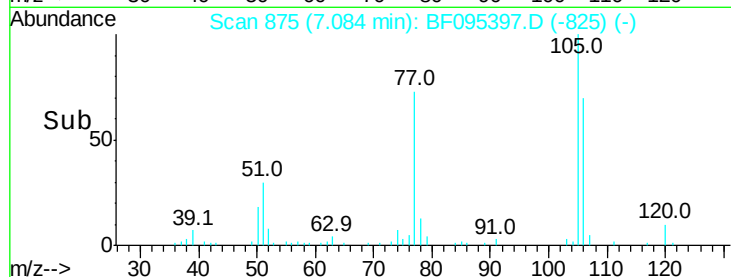
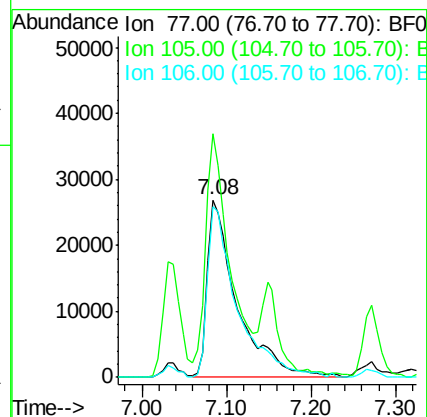
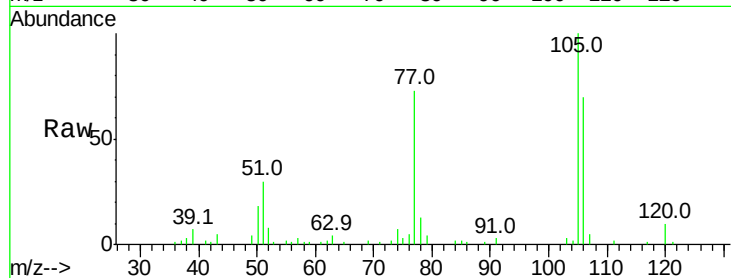
Tot Ion: 77 Resp: 66325

Ion Ratio Lower Upper

77 100

105 137.2 83.8 123.8#

106 96.5 79.1 119.1



#10

Phenol

Concen: 40.20 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

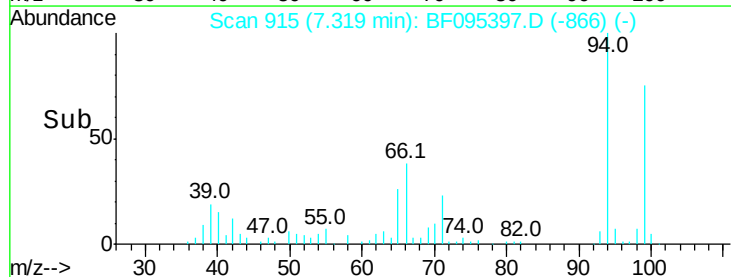
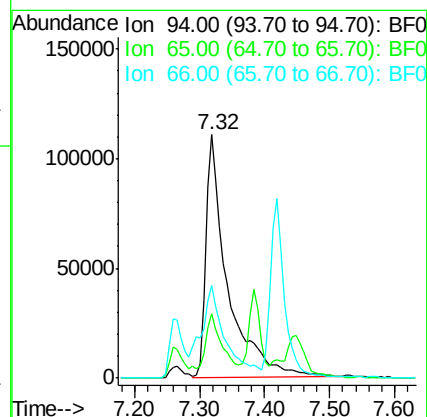
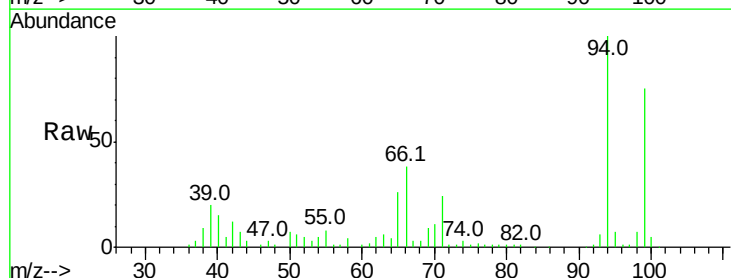
Tgt Ion: 94 Resp: 254981

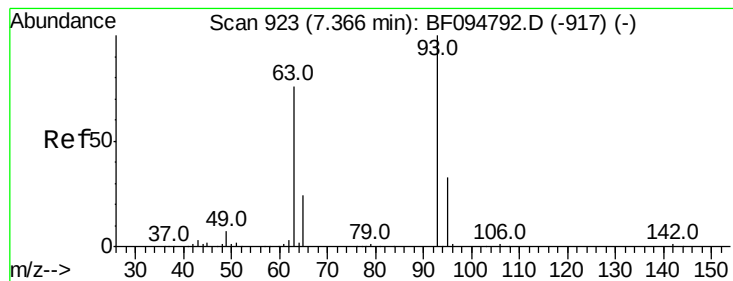
Ion Ratio Lower Upper

94 100

65 26.4 9.9 49.9

66 38.1 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 35.89 ng

RT: 7.38 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Instrument :

BNA_F

ClientSampleId :

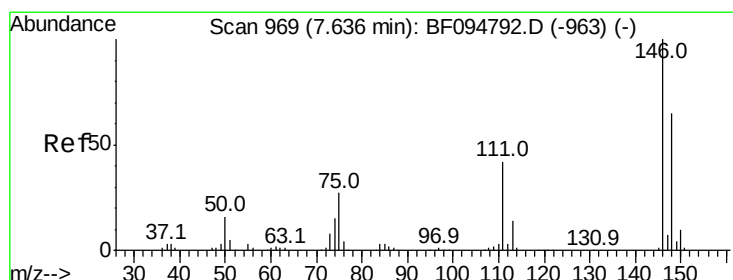
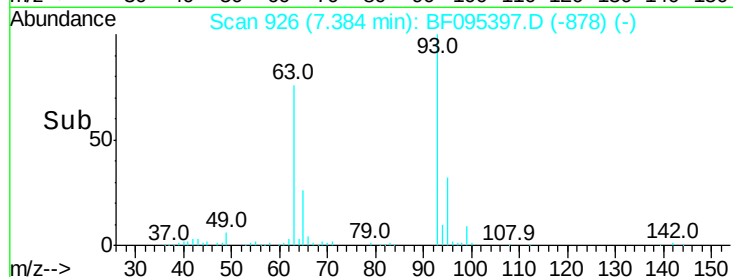
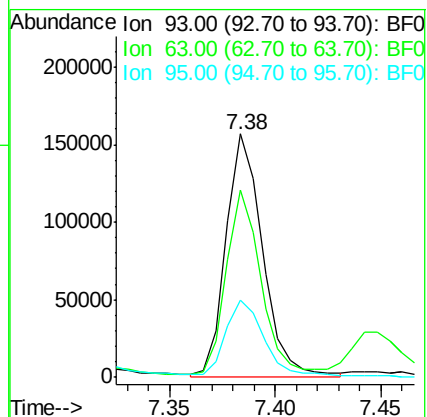
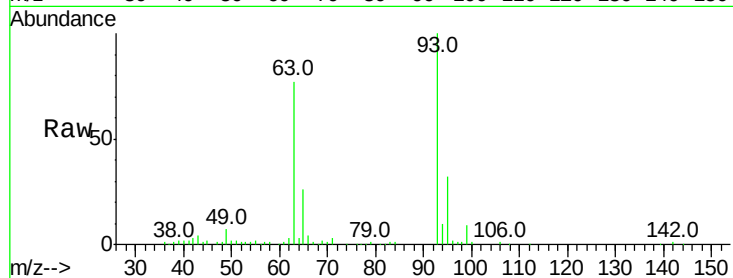
Tot Ion: 93 Resp: 187954

Ion Ratio Lower Upper

93 100

63 76.9 59.2 99.2

95 31.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 34.97 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

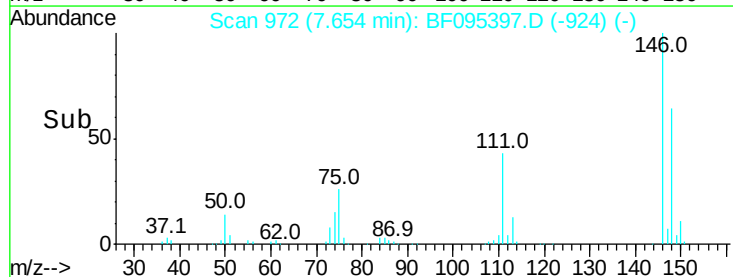
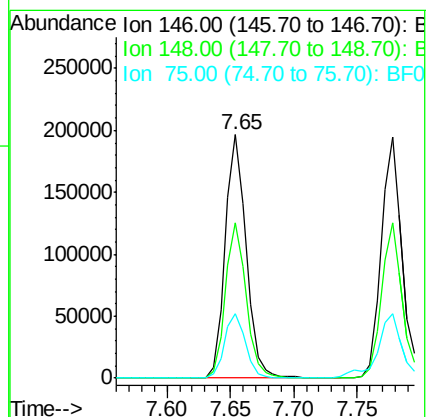
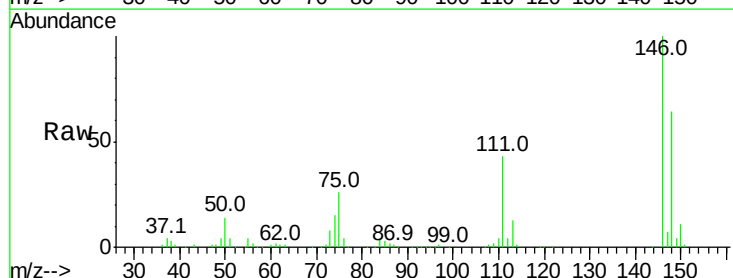
Tgt Ion: 146 Resp: 226531

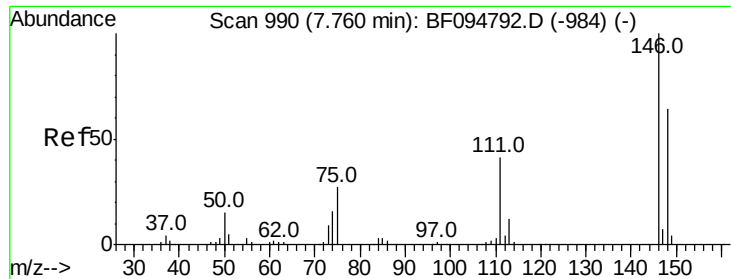
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

75 26.3 23.1 34.7

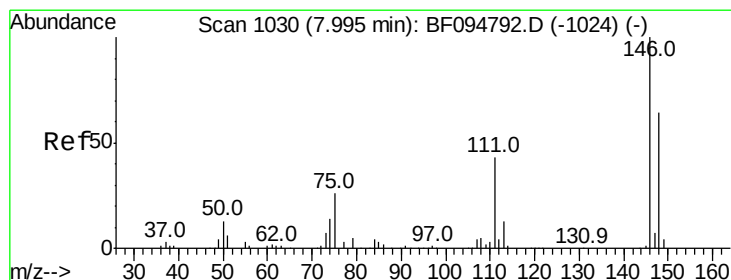
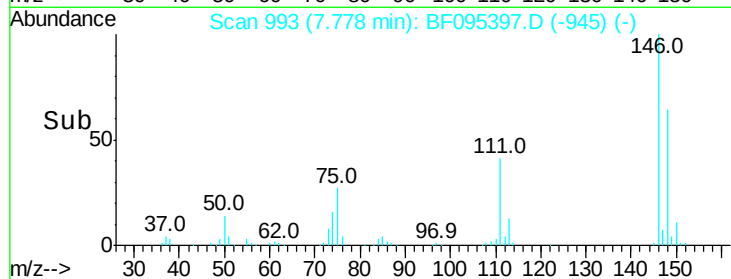
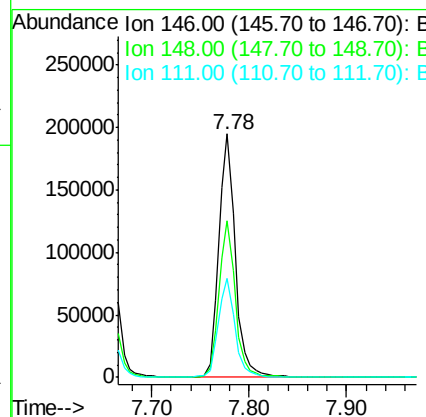
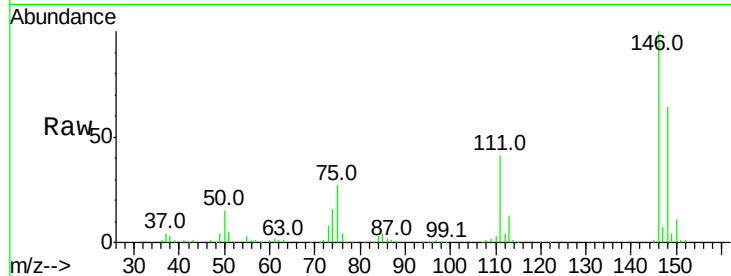




#13
 1,4-Dichlorobenzene
 Concen: 34.94 ng
 RT: 7.78 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

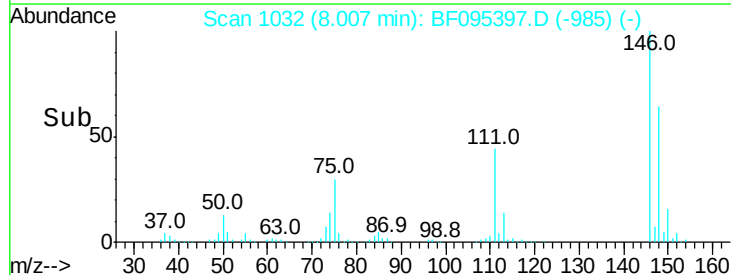
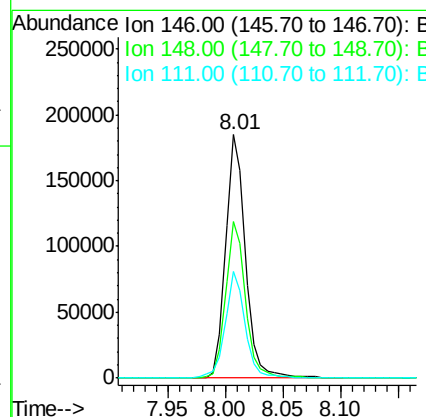
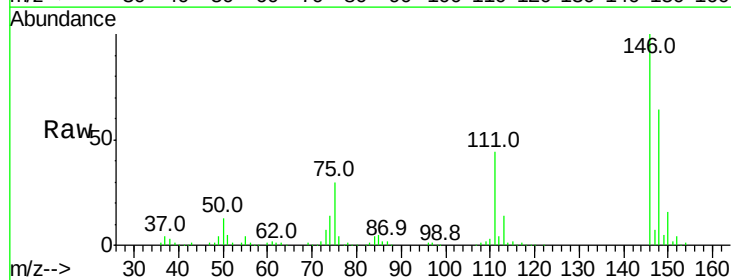
Instrument :
 BNA_F
 ClientSampled :

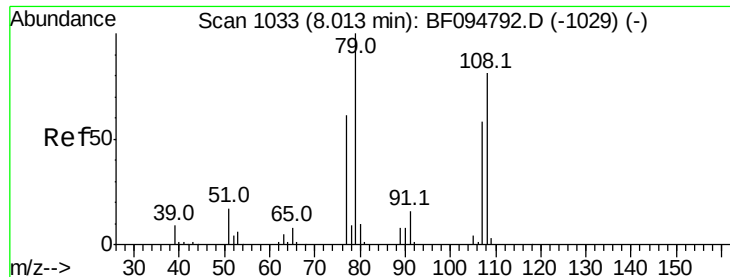
Tot Ion:146 Resp: 229521
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.2
 111 40.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 35.88 ng
 RT: 8.01 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

Tgt Ion:146 Resp: 219982
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 43.7 38.2 57.4

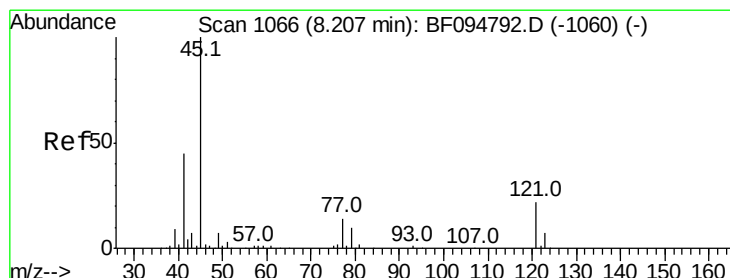
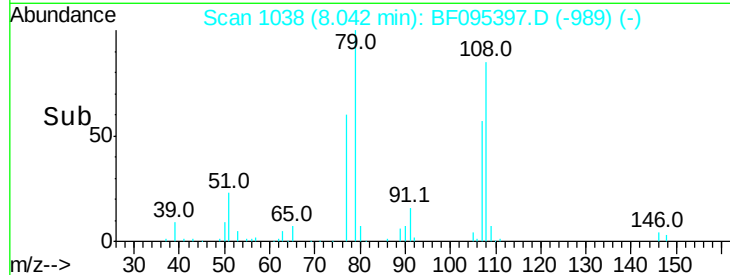
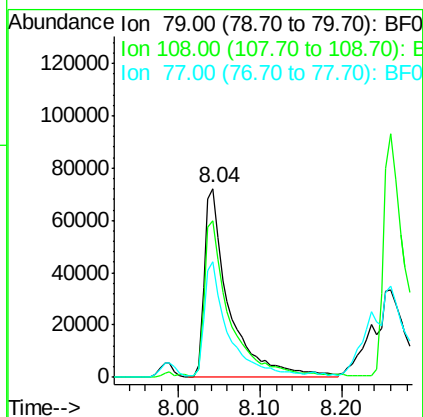
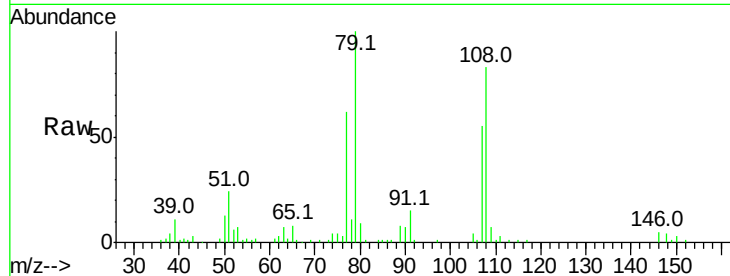




#15
Benzyl Alcohol
Concen: 39.69 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

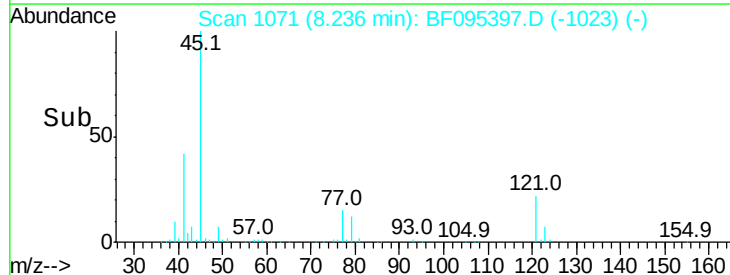
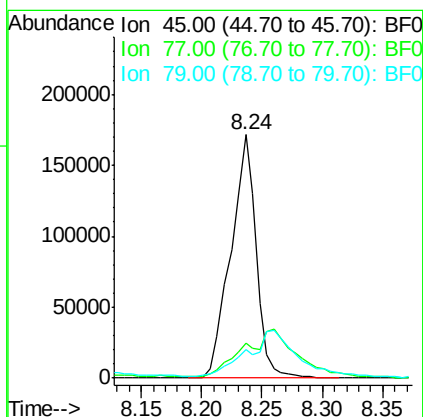
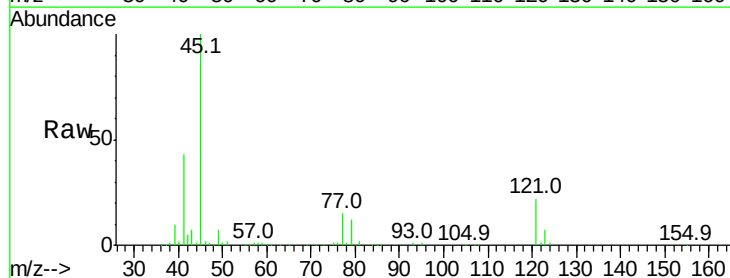
Instrument :
BNA_F
ClientSampleId :

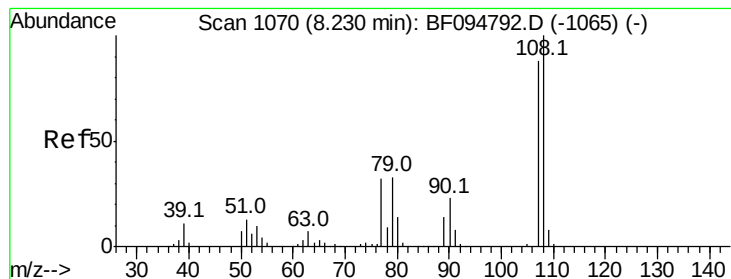
Tot Ion: 79 Resp: 153641
Ion Ratio Lower Upper
79 100
108 82.9 63.4 95.0
77 61.6 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.85 ng
RT: 8.24 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

Tgt Ion: 45 Resp: 250857
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.2
79 11.7 0.0 30.0





#17

2-Methylphenol

Concen: 35.53 ng

RT: 8.26 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 166004

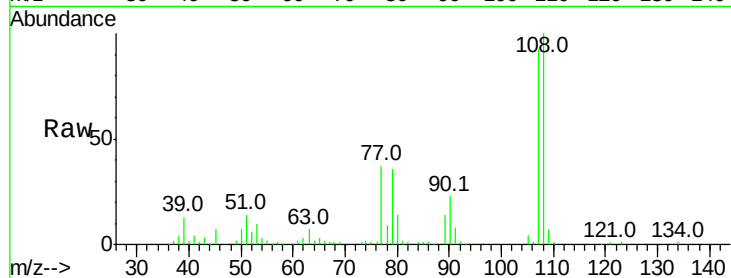
Ion Ratio Lower Upper

107 100

108 109.1 93.4 140.0

77 40.8 35.8 53.6

79 39.4 34.8 52.2

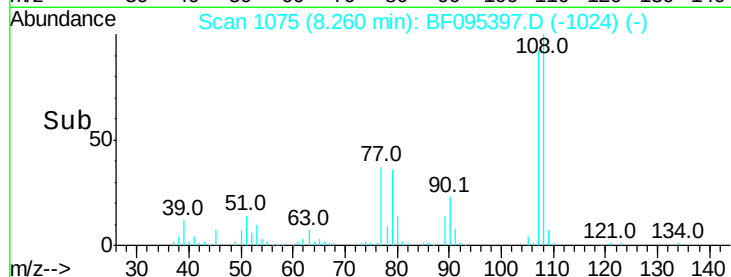


Abundance Ion 107.00 (106.70 to 107.70): E

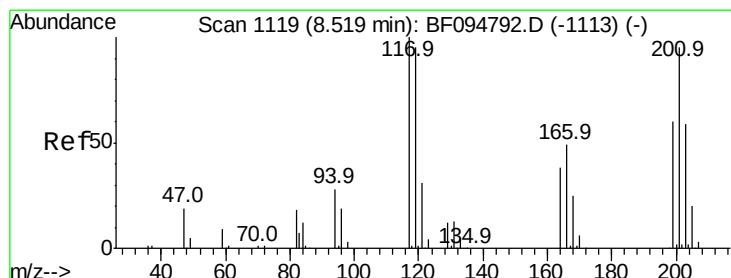
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 25.43 ng

RT: 8.52 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

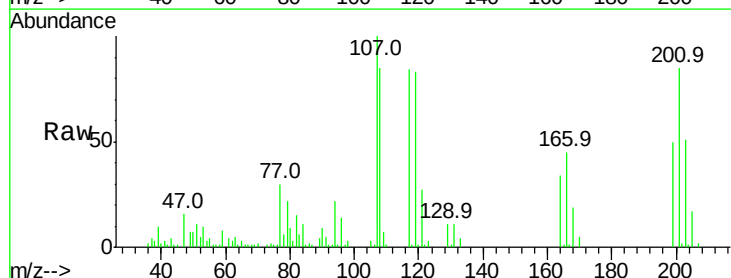
Tgt Ion:117 Resp: 56584

Ion Ratio Lower Upper

117 100

119 98.8 77.4 116.0

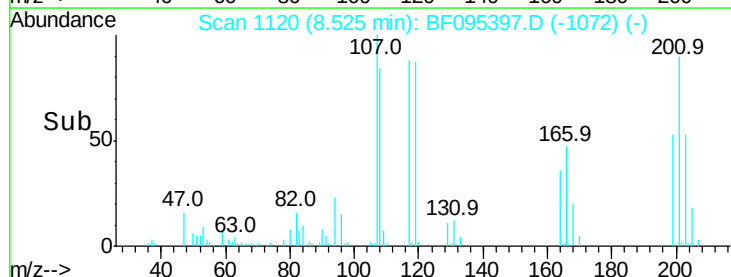
201 102.2 94.6 141.8



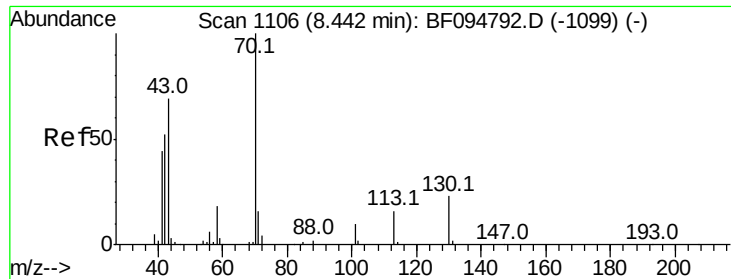
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



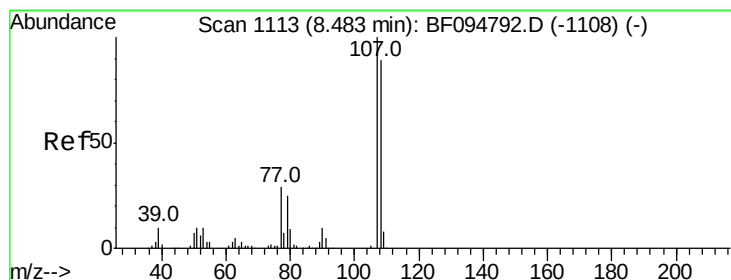
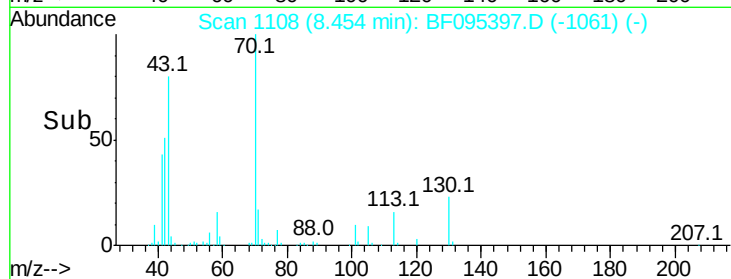
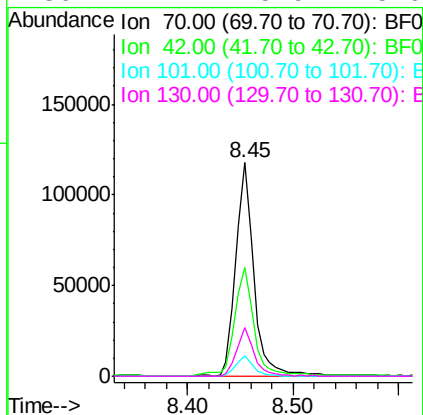
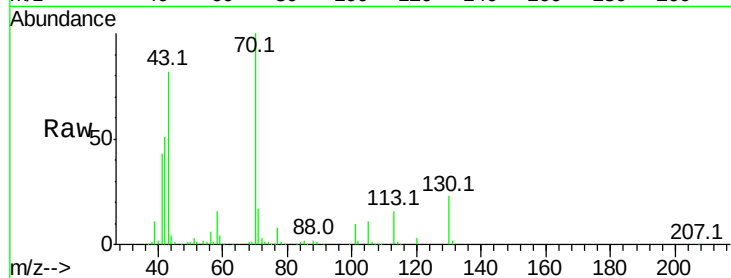
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 34.17 ng
RT: 8.45 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

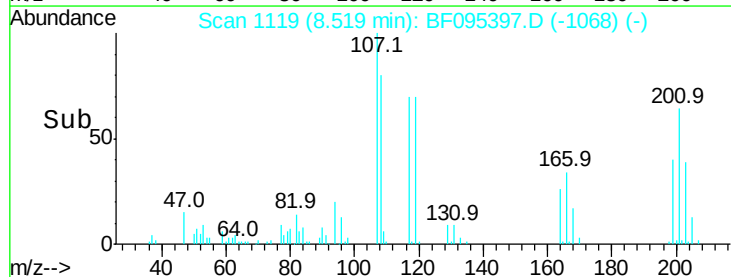
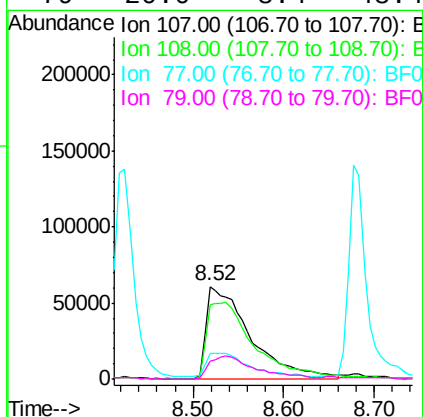
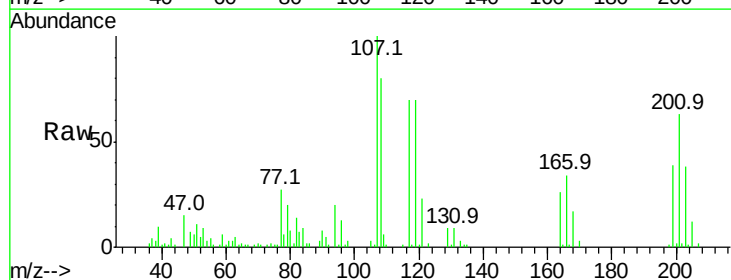
Instrument :
BNA_F
ClientSampleId :

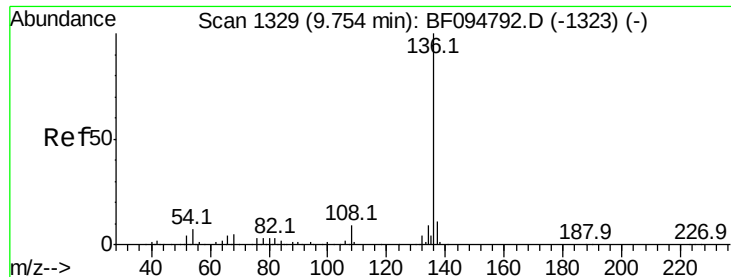
Tot Ion: 70 Resp: 139116
Ion Ratio Lower Upper
70 100
42 50.7 47.2 70.8
101 9.6 7.2 10.8
130 22.7 15.9 23.9



#20
3+4-Methylphenols
Concen: 32.54 ng
RT: 8.52 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

Tgt Ion:107 Resp: 206632
Ion Ratio Lower Upper
107 100
108 79.7 71.0 111.0
77 27.3 90.5 130.5#
79 20.0 8.4 48.4

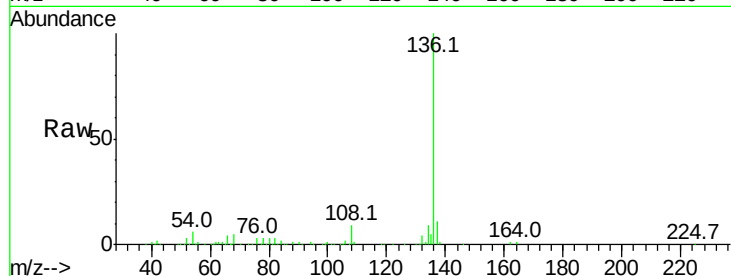




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	331965
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	6.0	4.9 7.3
68	5.0	4.1 6.1

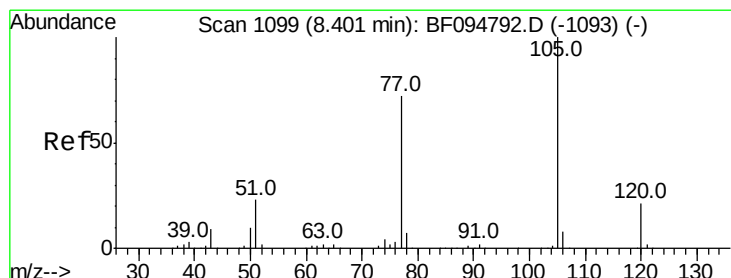
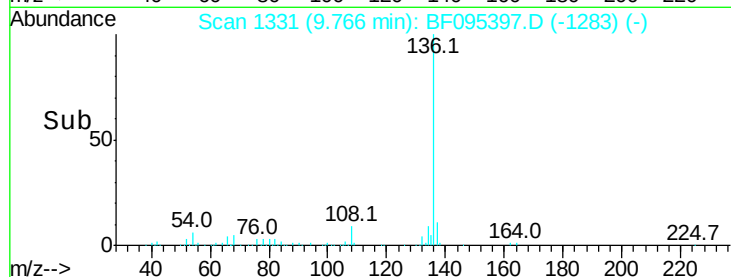
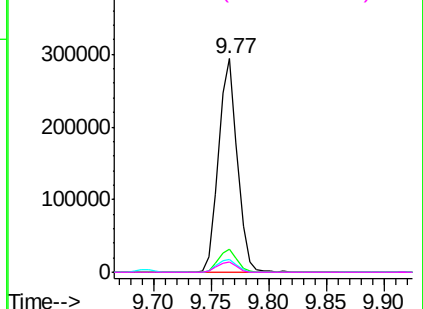


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

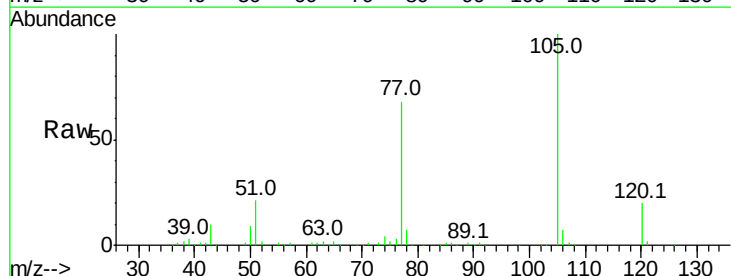
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 34.31 ng
RT: 8.42 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

Tgt Ion:105	Resp:	273265
Ion Ratio	Lower	Upper
105	100	
71	0.7	2.8 4.2#
51	21.1	30.7 46.1#
120	20.5	17.4 26.0

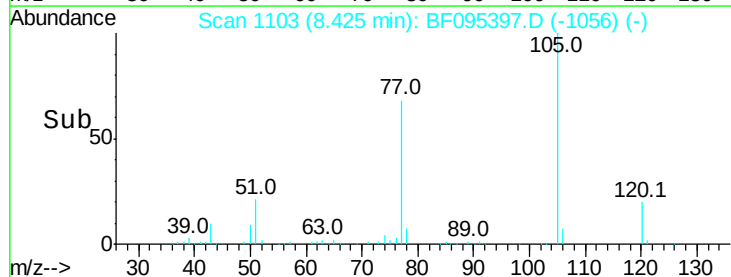
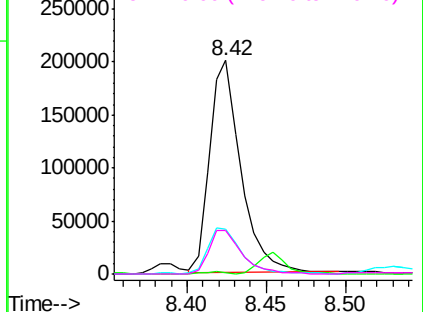


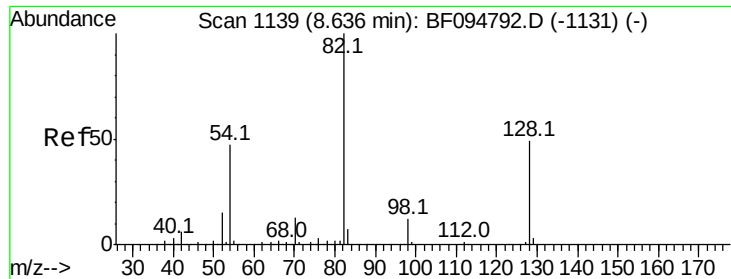
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

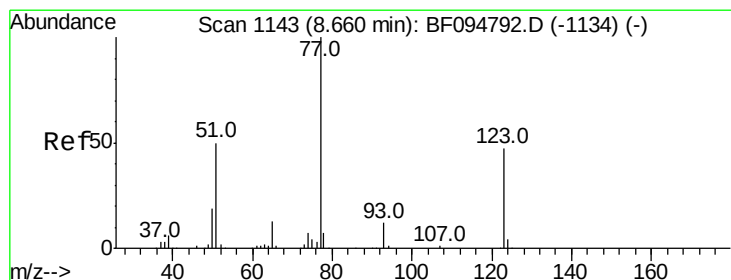
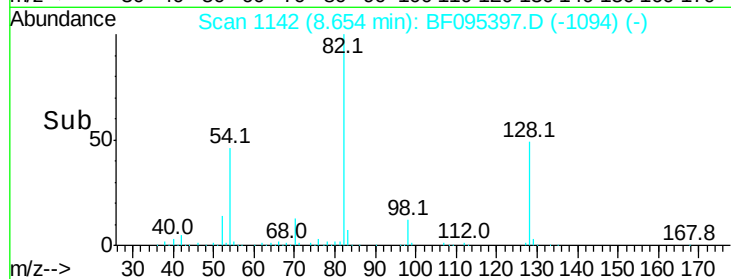
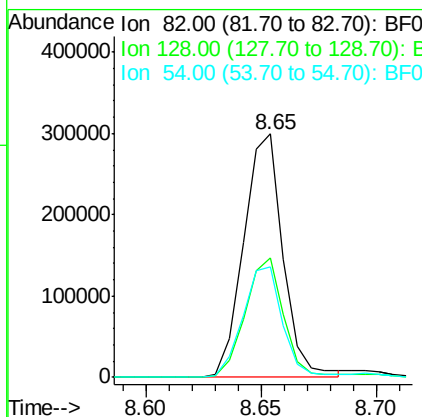
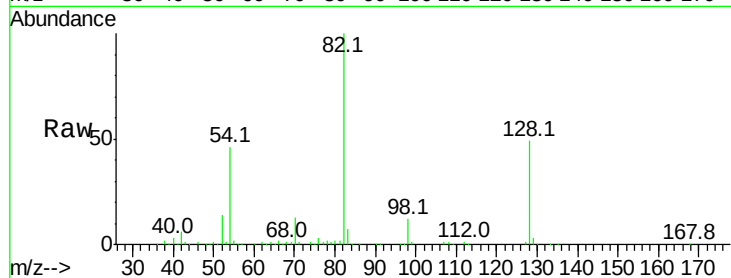




#23
 Nitrobenzene-d5
 Concen: 67.72 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

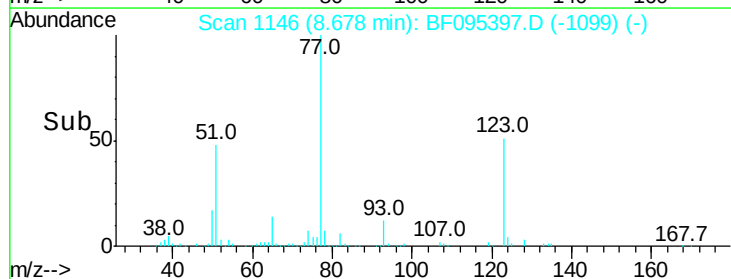
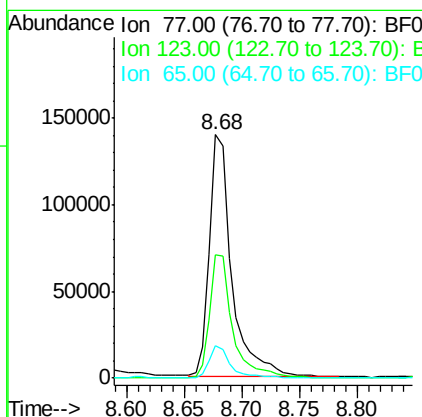
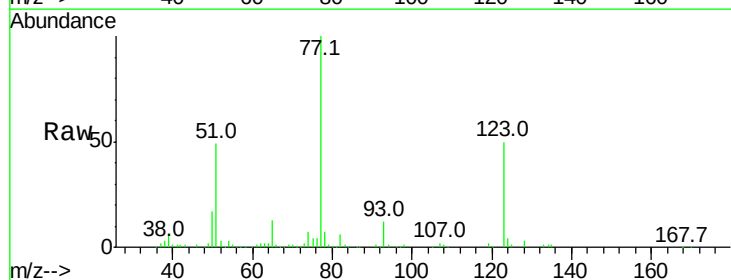
Instrument :
 BNA_F
 ClientSampled :

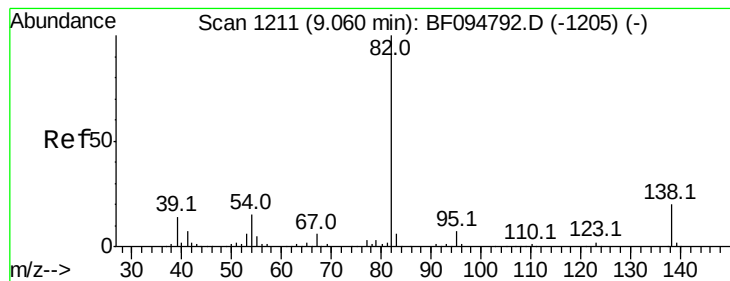
Tot Ion: 82 Resp: 356530
 Ion Ratio Lower Upper
 82 100
 128 49.0 34.0 51.0
 54 45.6 42.2 63.2



#24
 Nitrobenzene
 Concen: 34.66 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

Tgt Ion: 77 Resp: 191232
 Ion Ratio Lower Upper
 77 100
 123 50.5 35.8 53.8
 65 13.4 10.6 15.8





#25

Isophorone

Concen: 36.07 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Instrument :

BNA_F

ClientSampleId :

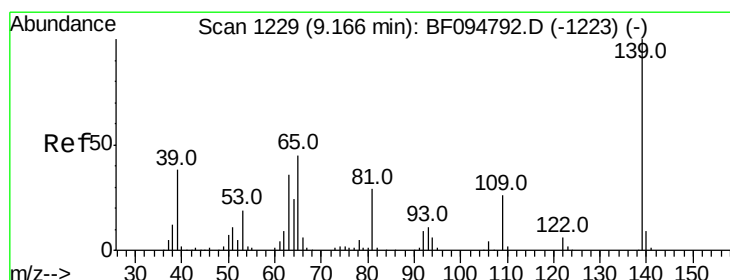
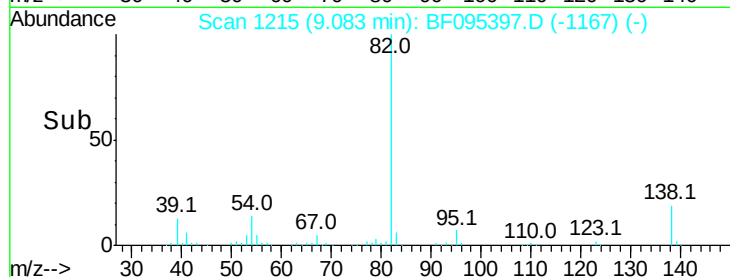
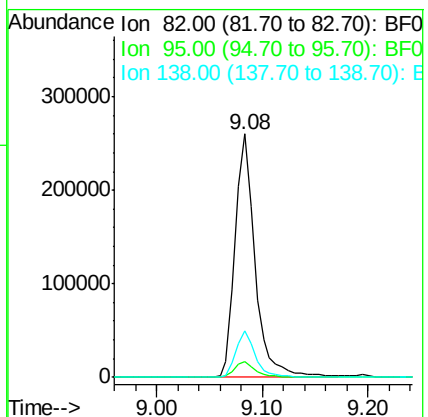
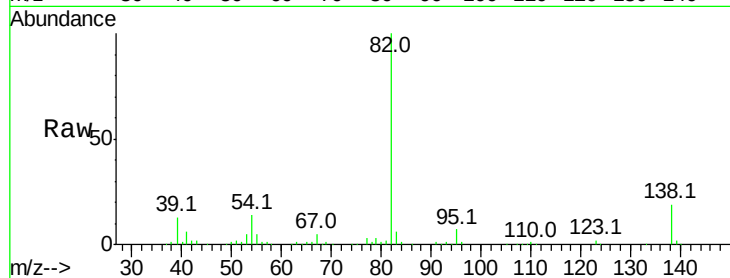
Tot Ion: 82 Resp: 339058

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 26.22 ng

RT: 9.20 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

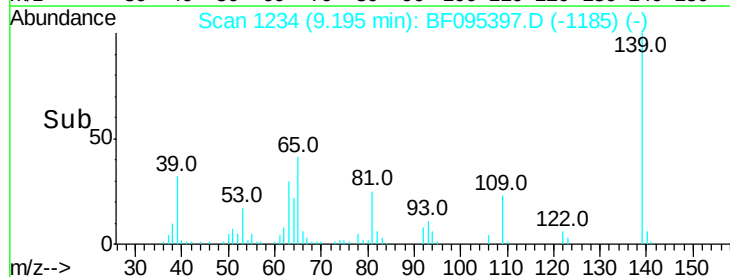
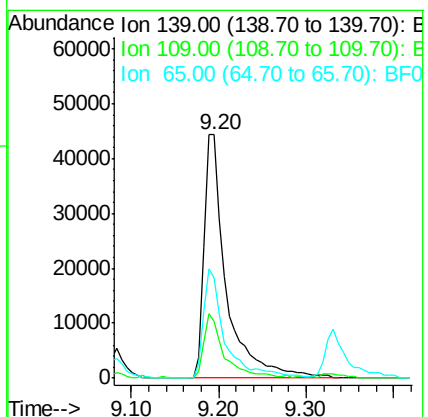
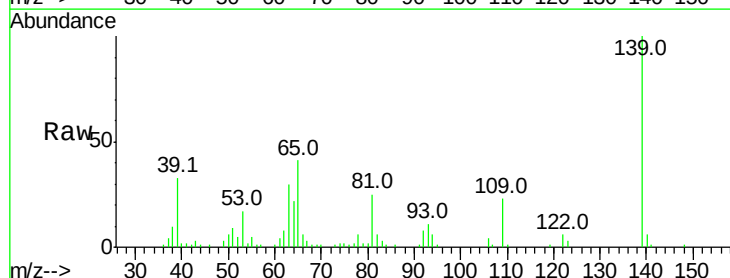
Tgt Ion:139 Resp: 78070

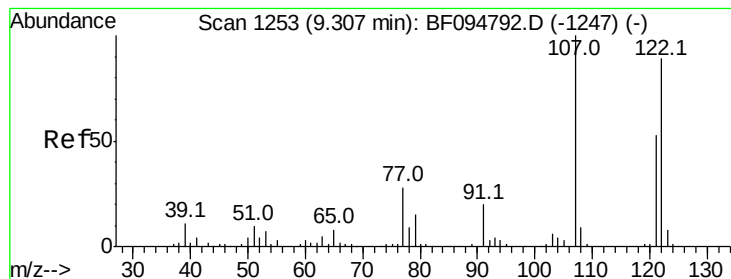
Ion Ratio Lower Upper

139 100

109 23.4 21.0 31.6

65 41.3 33.0 49.6

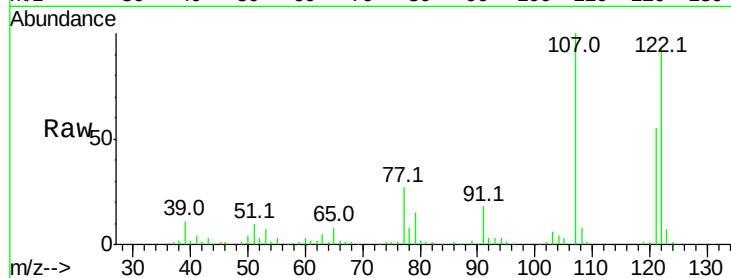




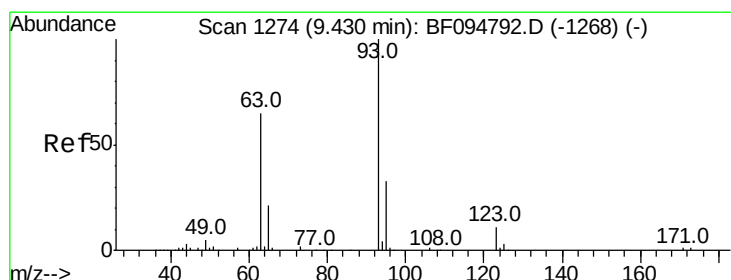
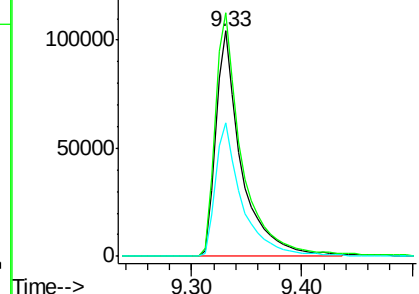
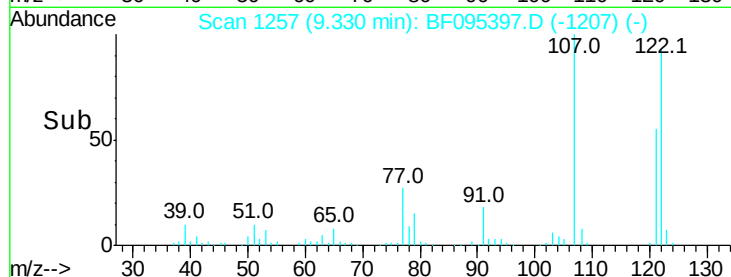
#27
 2,4-Dimethylphenol
 Concen: 34.29 ng
 RT: 9.33 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:122 Resp: 165085
 Ion Ratio Lower Upper
 122 100
 107 108.1 89.2 133.8
 121 59.5 45.2 67.8

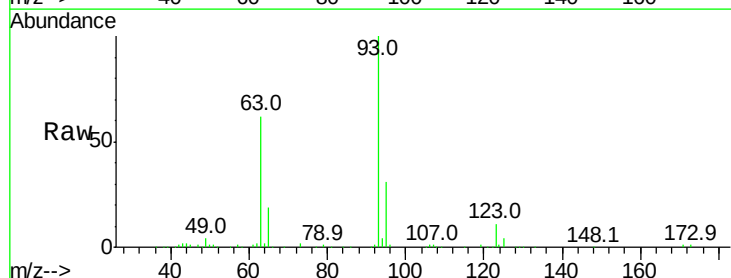


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

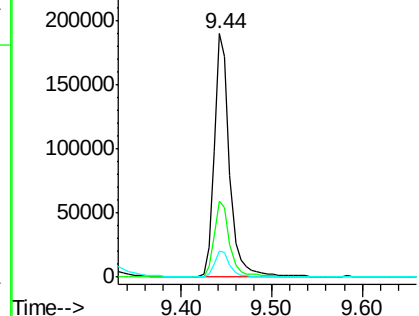
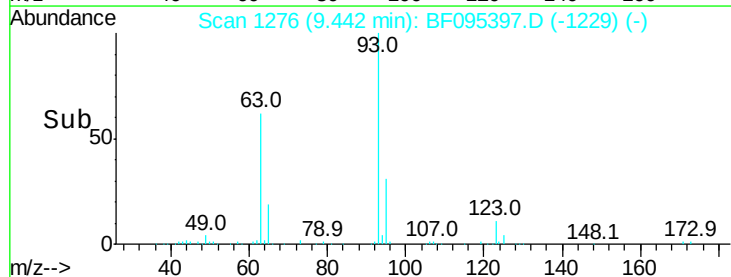


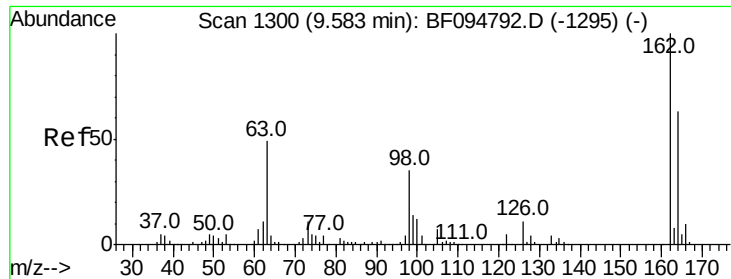
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.07 ng
 RT: 9.44 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

Tgt Ion: 93 Resp: 228051
 Ion Ratio Lower Upper
 93 100
 95 31.3 26.5 39.7
 123 10.6 9.0 13.4



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

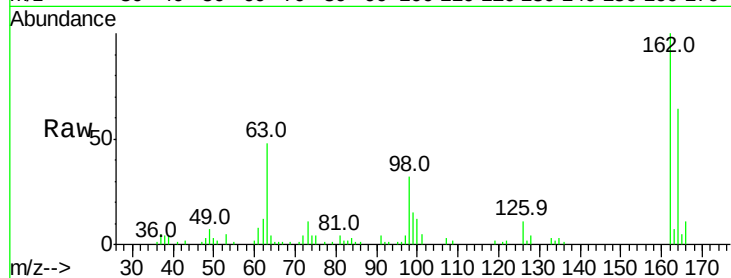




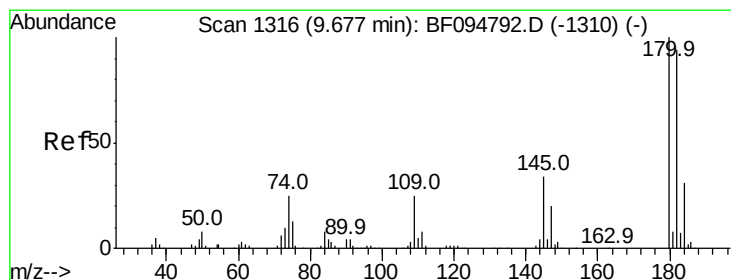
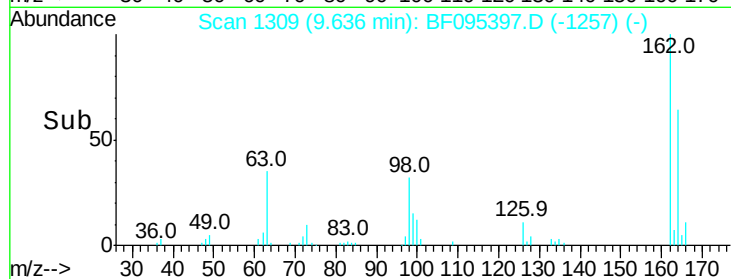
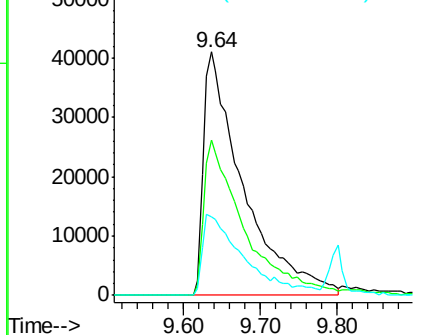
#29
 2,4-Dichlorophenol
 Concen: 32.35 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	32.3	14.8	54.8

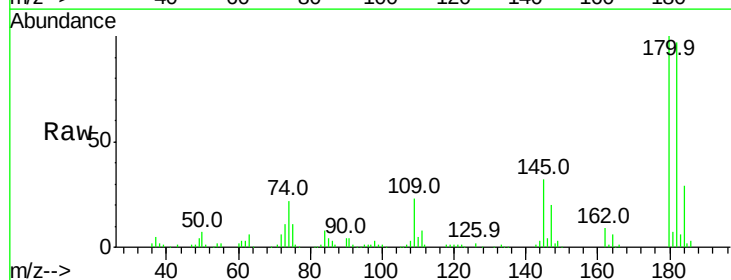


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

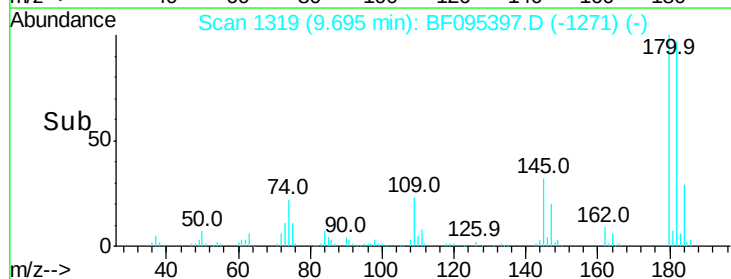
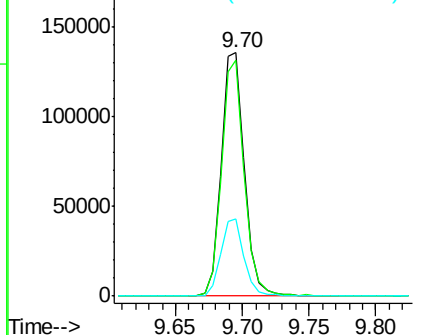


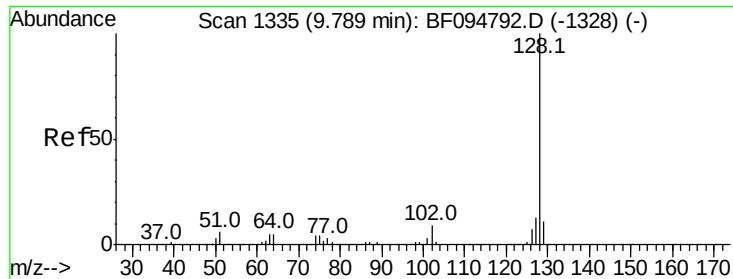
#30
 1,2,4-Trichlorobenzene
 Concen: 34.14 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.8	113.6
145	31.9	25.3	37.9



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

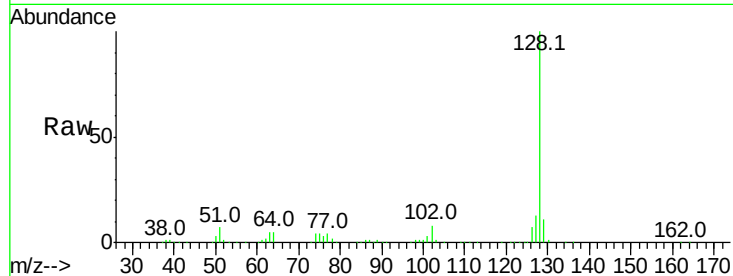




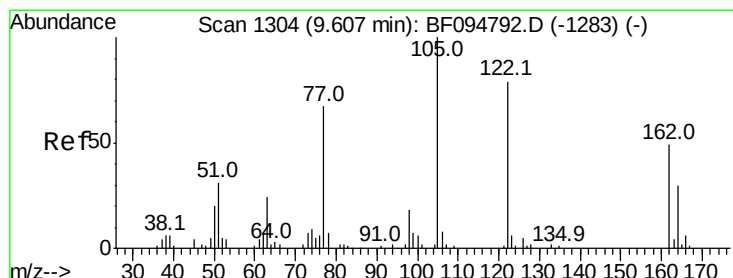
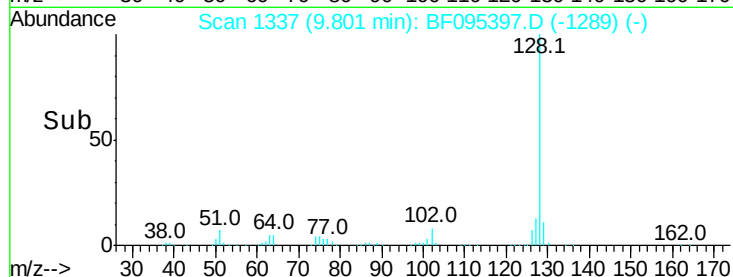
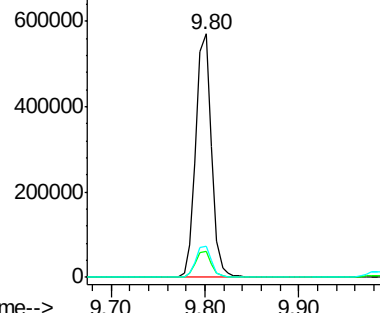
#31
Naphthalene
Concen: 40.23 ng
RT: 9.80 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 671288
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.0 10.8 16.2

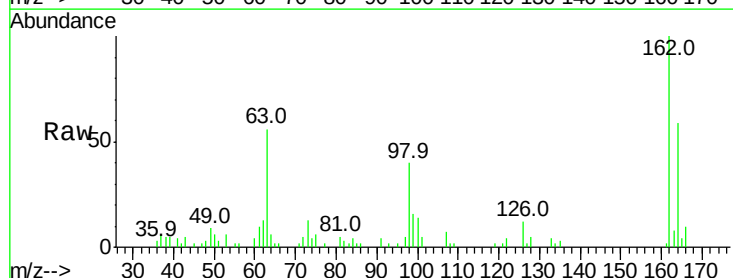


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

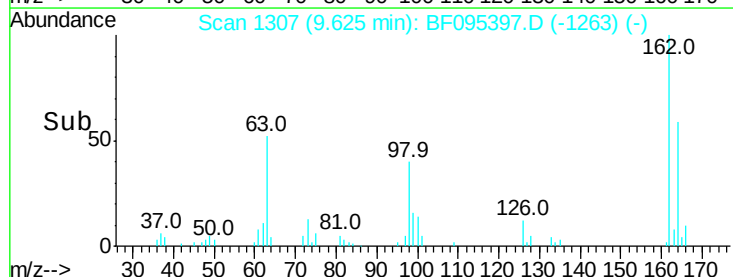
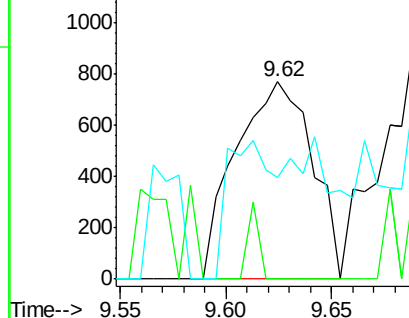


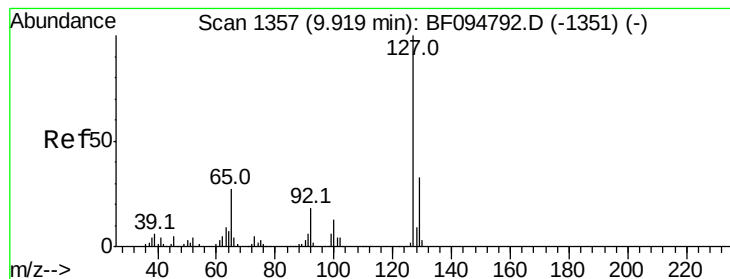
#32
Benzoic acid
Concen: 5.63 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.04 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

Tgt Ion:122 Resp: 1939
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 51.4 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: 7.64 ng

RT: 9.99 min Scan# 1369

Delta R.T. 0.03 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 47529

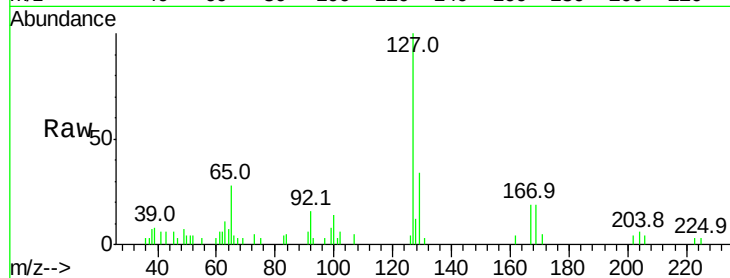
Ion Ratio Lower Upper

127 100

129 33.7 26.2 39.2

65 28.4 27.8 41.8

92 15.5 16.8 25.2#

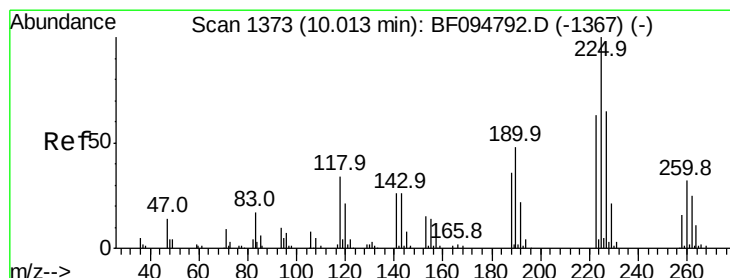
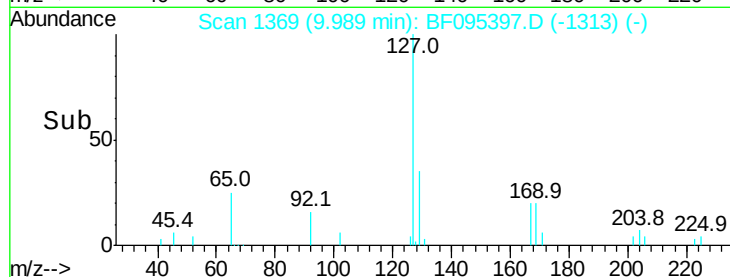
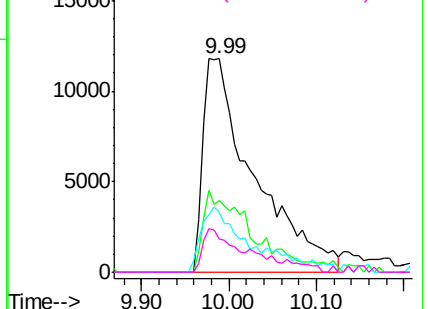


Abundance Ion 127.00 (126.70 to 127.70): E

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: 31.80 ng

RT: 10.01 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

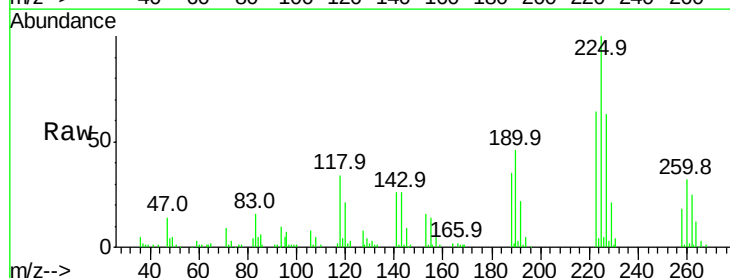
Tgt Ion:225 Resp: 81717

Ion Ratio Lower Upper

225 100

223 63.7 48.8 73.2

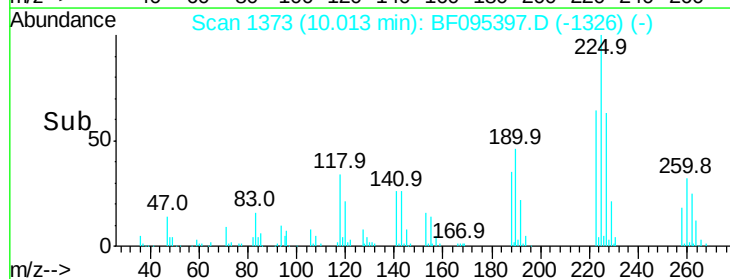
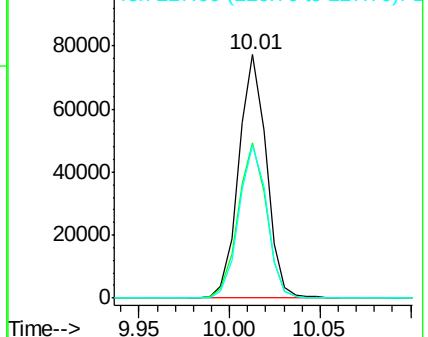
227 62.8 51.1 76.7

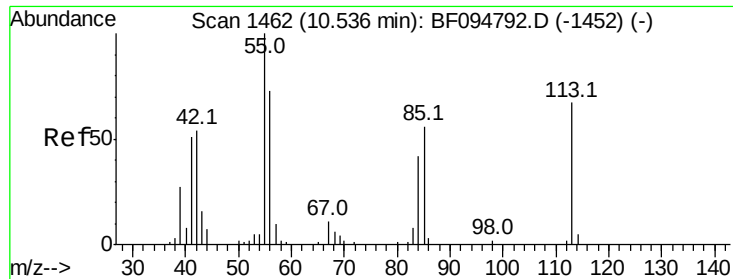


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.19 ng

RT: 10.56 min Scan# 1466

Delta R.T. -0.04 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Instrument :

BNA_F

ClientSampleId :

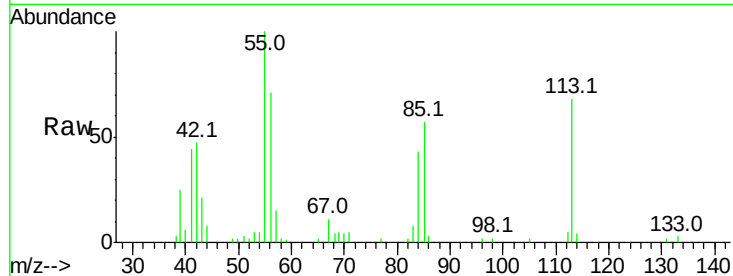
Tot Ion:113 Resp: 34380

Ion Ratio Lower Upper

113 100

55 147.4 150.2 190.2#

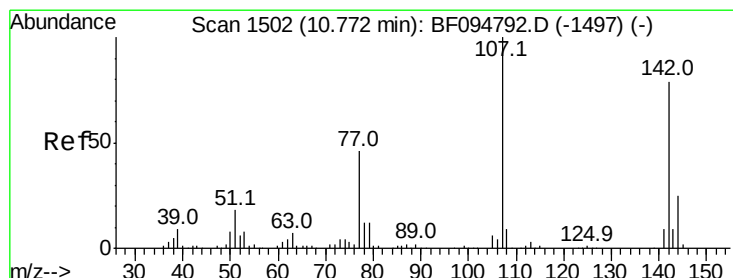
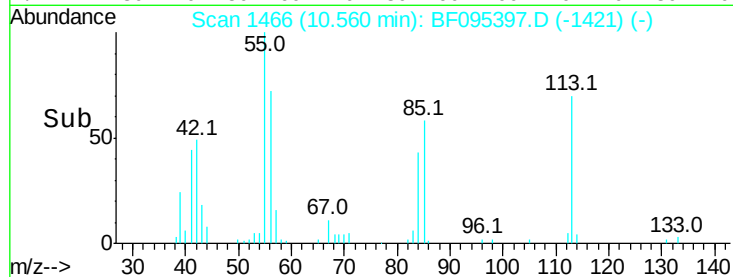
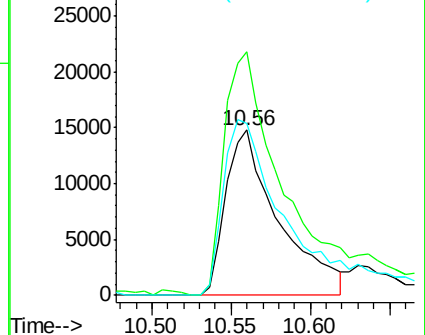
56 104.1 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 30.50 ng

RT: 10.82 min Scan# 1511

Delta R.T. 0.01 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

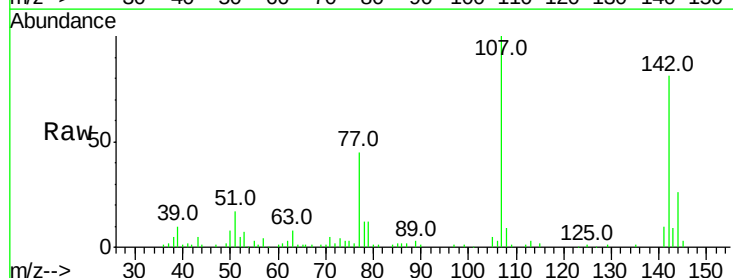
Tgt Ion:107 Resp: 148206

Ion Ratio Lower Upper

107 100

144 26.4 24.2 36.4

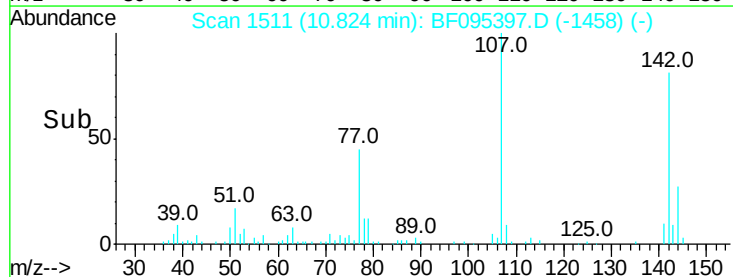
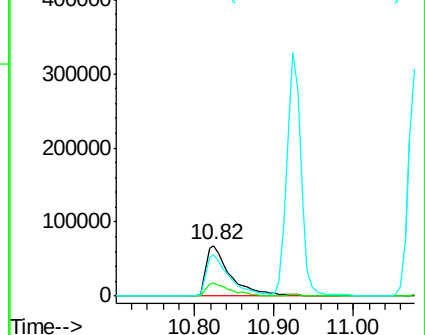
142 81.0 73.4 110.0

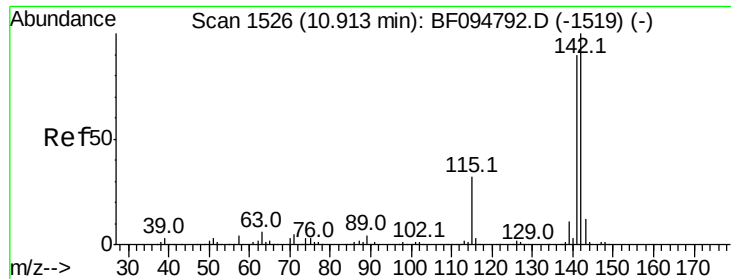


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

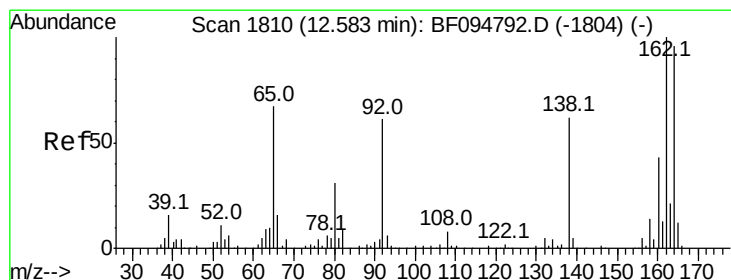
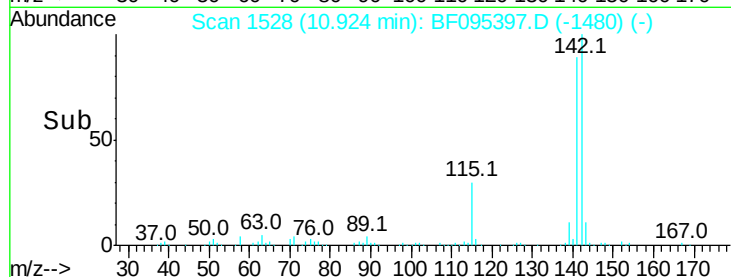
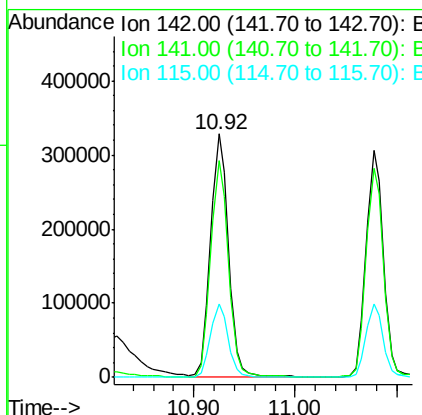
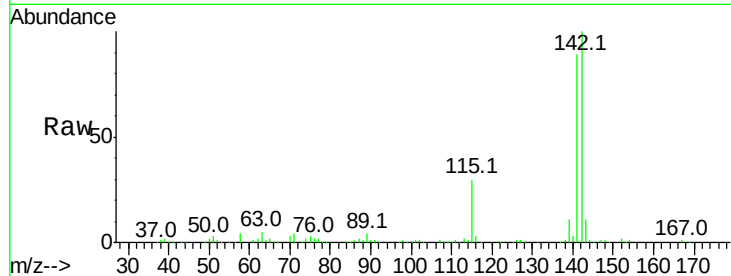




#37
 2-Methylnaphthalene
 Concen: 37.33 ng
 RT: 10.92 min Scan# 1528
 Delta R.T. -0.02 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

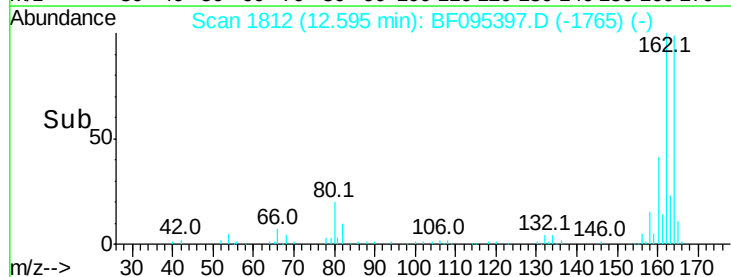
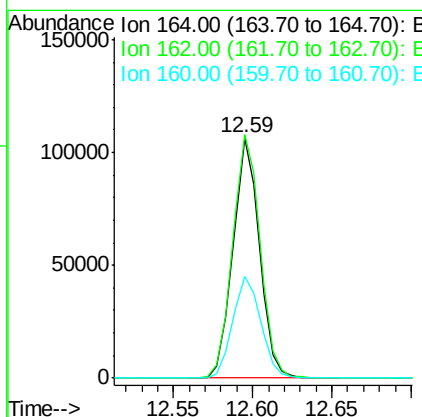
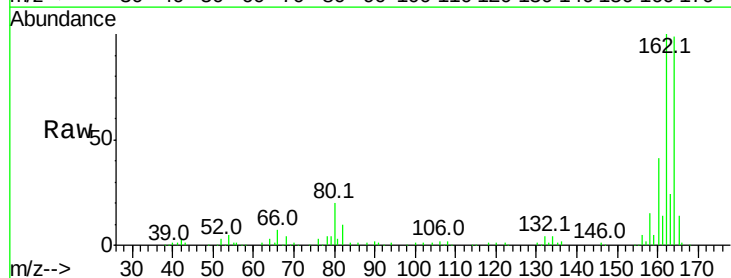
Instrument :
 BNA_F
 ClientSampled :

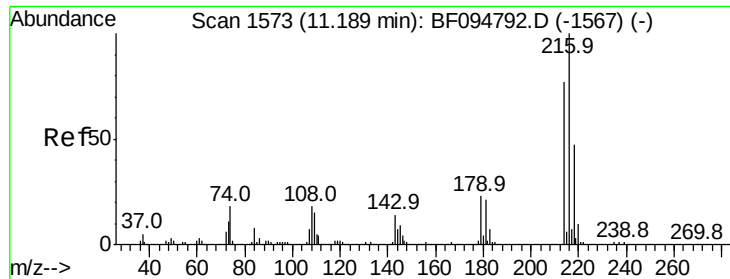
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	29.9	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.59 min Scan# 1812
 Delta R.T. -0.02 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	42.0	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.82 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 135200

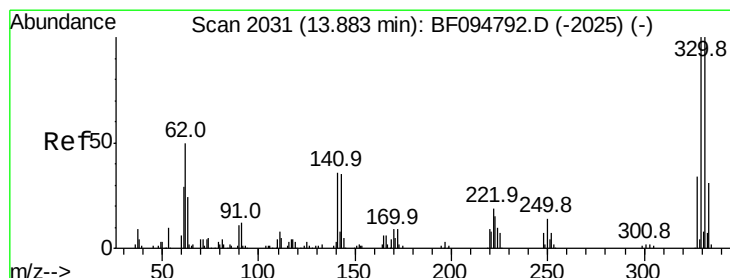
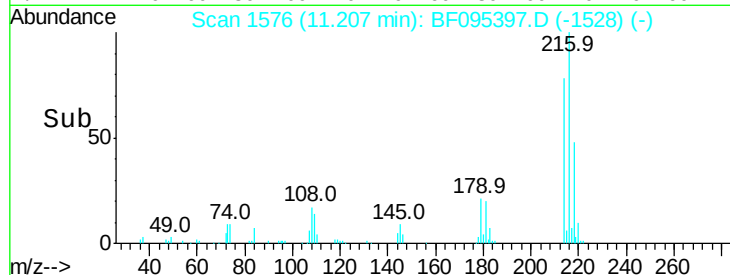
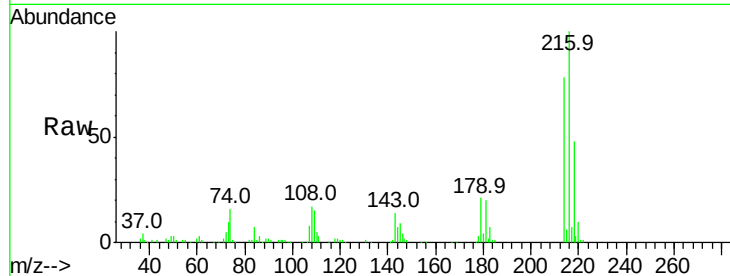
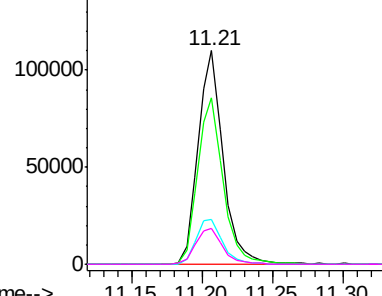
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	22.2	17.9	26.9
108	18.0	16.5	24.7

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

2,4,6-Tribromophenol

Concen: 91.38 ng

RT: 13.90 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

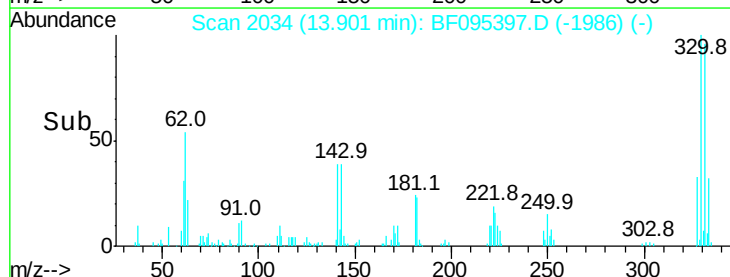
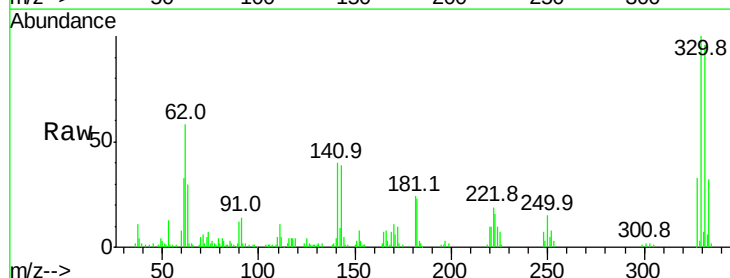
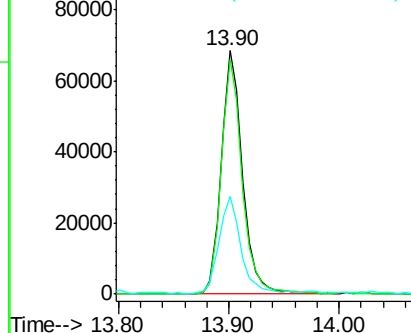
Tgt Ion:330 Resp: 91855

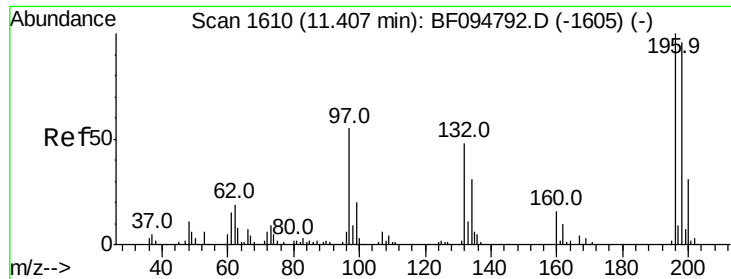
Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	42.1	31.4	47.2

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

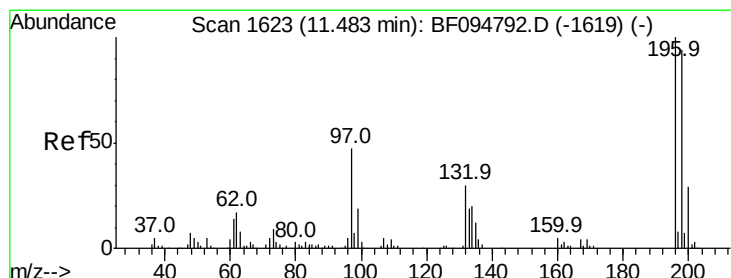
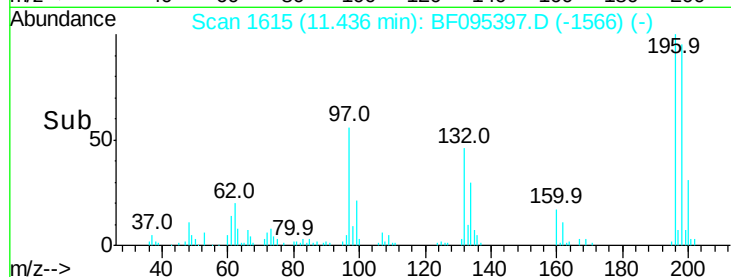
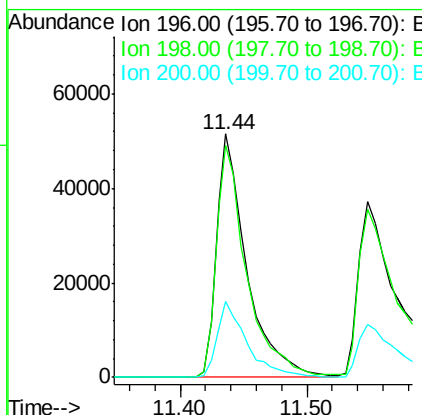
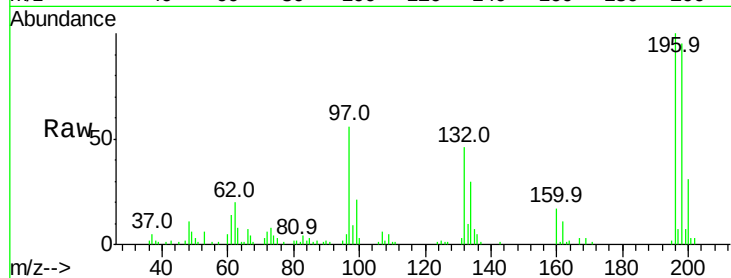




#42
 2,4,6-Trichlorophenol
 Concen: 34.03 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

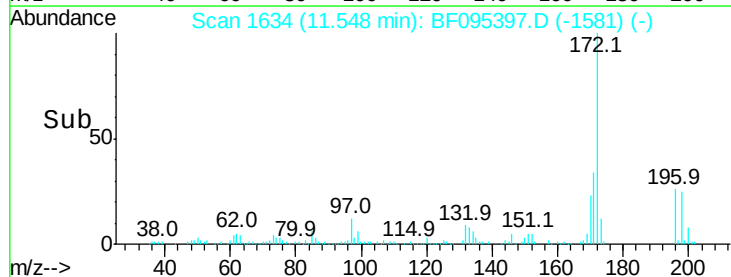
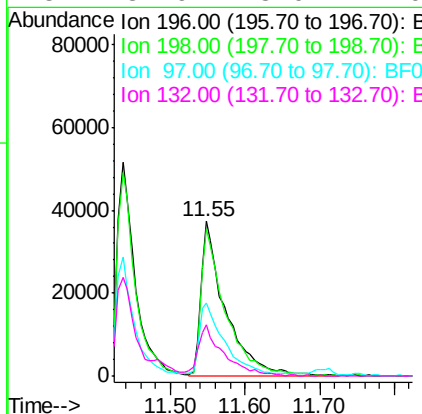
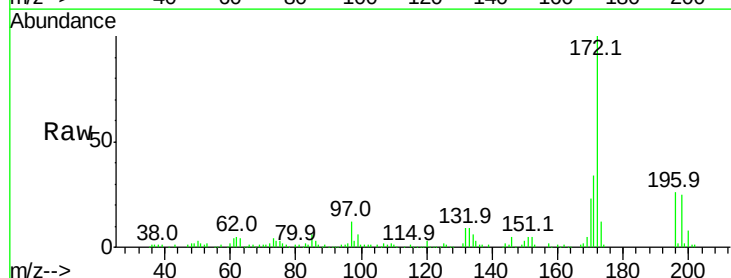
Instrument :
 BNA_F
 ClientSampleId :

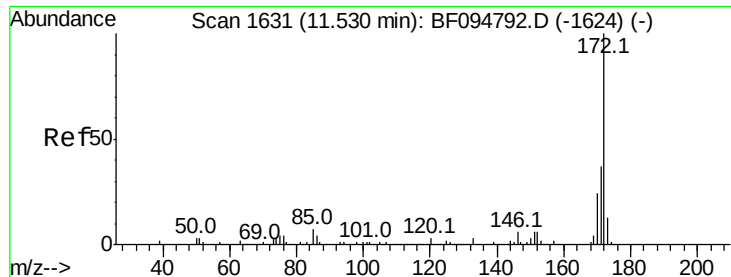
Tot Ion:196 Resp: 85754
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.2 111.4
 200 31.0 24.0 36.0



#43
 2,4,5-Trichlorophenol
 Concen: 31.60 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

Tgt Ion:196 Resp: 85598
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 97 47.5 47.7 71.5#
 132 32.9 28.0 42.0

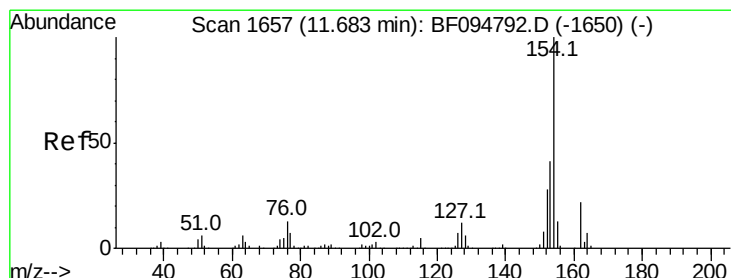
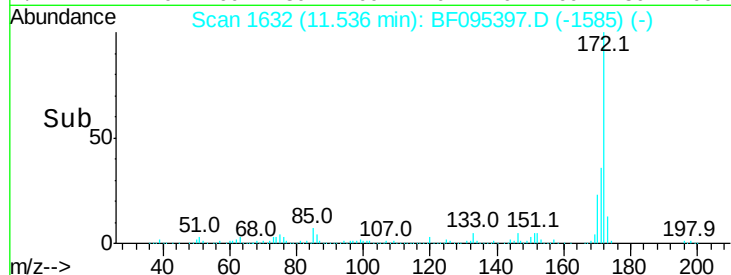
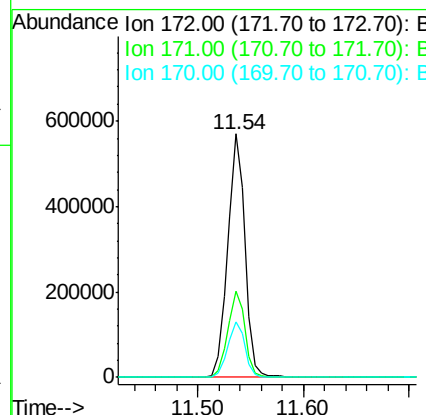
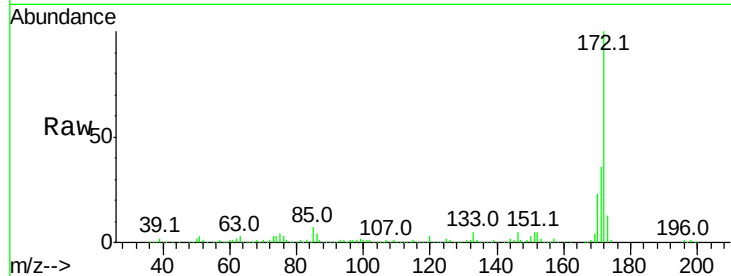




#44
 2-Fluorobiphenyl
 Concen: 75.89 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

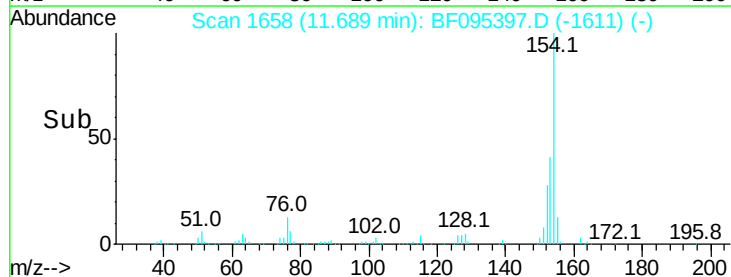
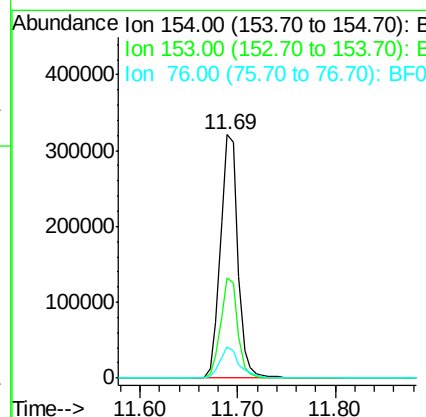
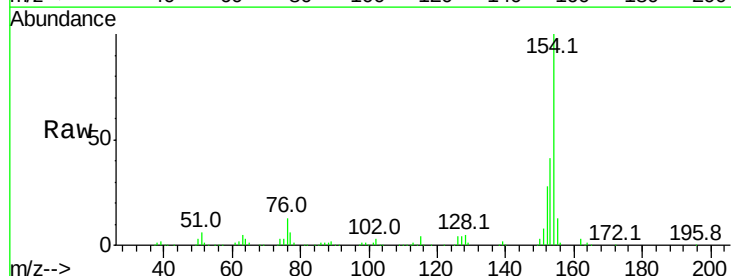
Instrument :
 BNA_F
 ClientSampleId :

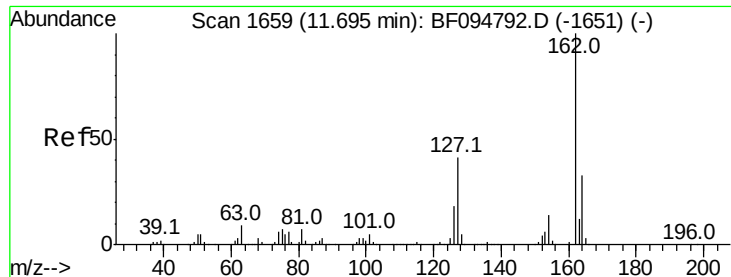
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.0	19.8	29.8



#45
 1,1'-Biphenyl
 Concen: 38.82 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.2	61.2
76	13.0	0.0	29.9

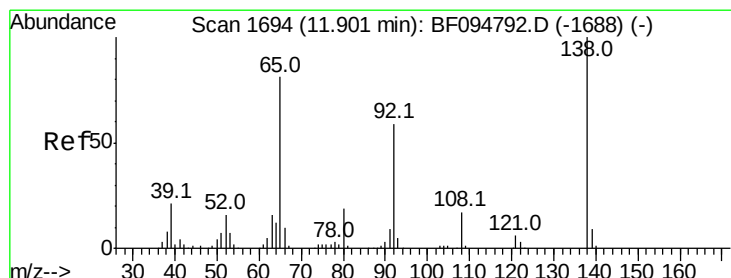
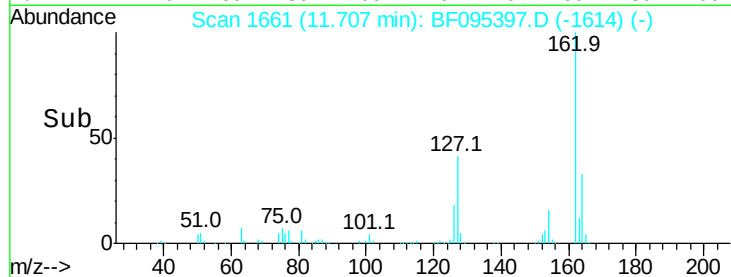
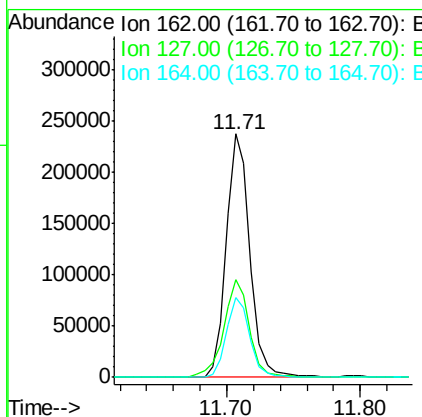
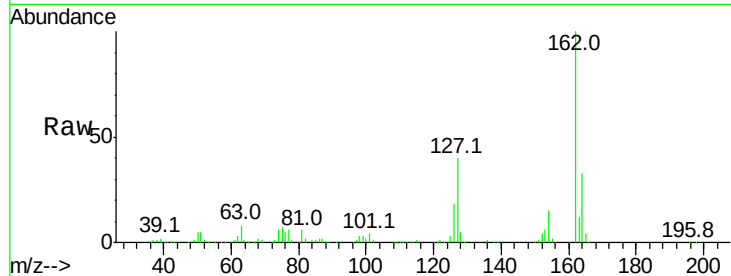




#46
 2-Chloronaphthalene
 Concen: 35.41 ng
 RT: 11.71 min Scan# 1661
 Delta R.T. -0.02 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

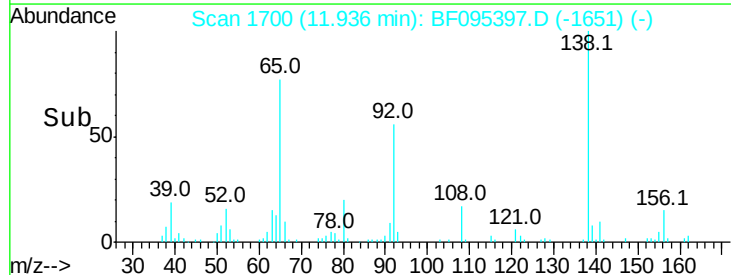
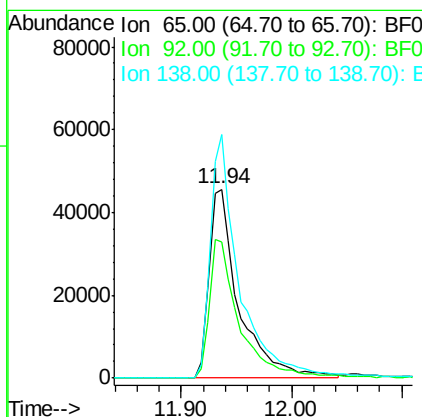
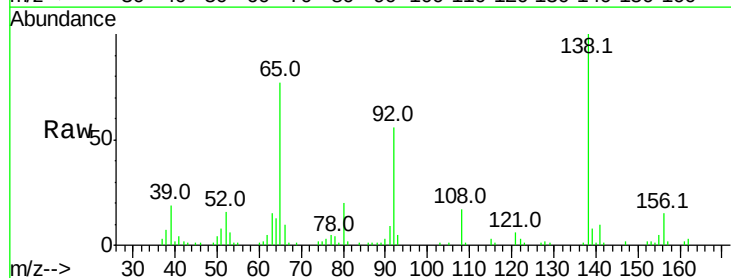
Instrument :
 BNA_F
 ClientSampleId :

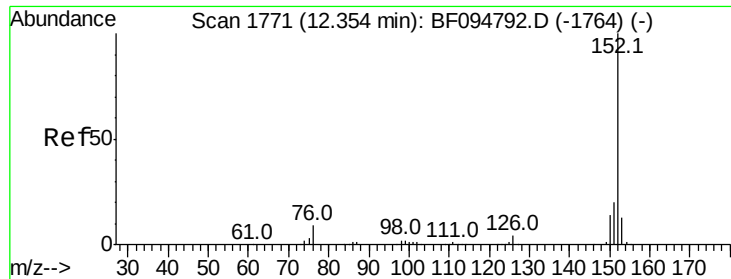
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	28.3	42.5
164	33.0	27.0	40.4



#47
 2-Nitroaniline
 Concen: 37.13 ng
 RT: 11.94 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	53.9	80.9
138	129.1	78.8	118.2





#48

Acenaphthylene

Concen: 40.99 ng

RT: 12.37 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Instrument :

BNA_F

ClientSampleId :

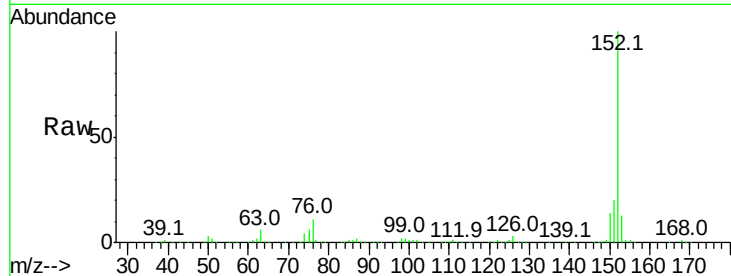
Tot Ion:152 Resp: 535783

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

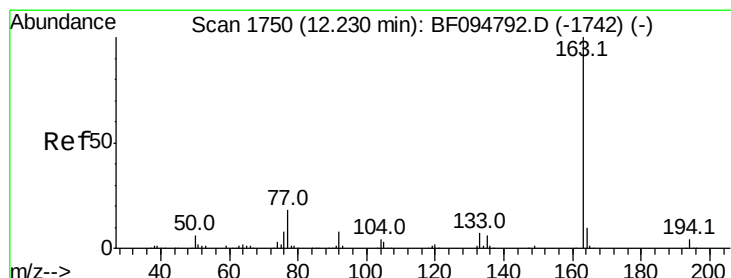
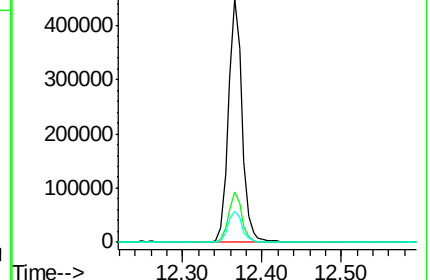
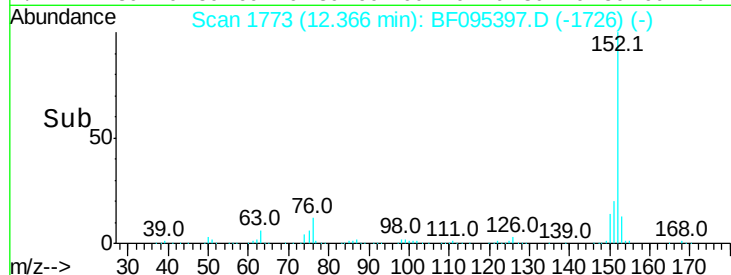
153 13.0 10.8 16.2



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: 40.84 ng

RT: 12.24 min Scan# 1751

Delta R.T. -0.02 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

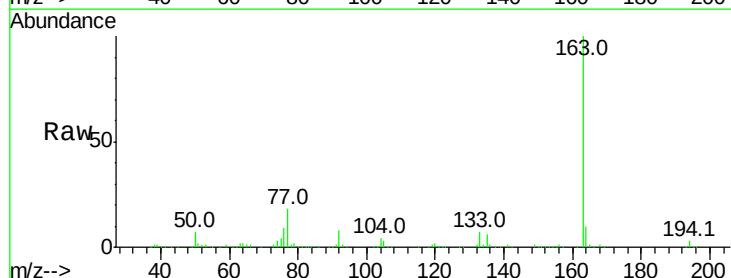
Tgt Ion:163 Resp: 411541

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

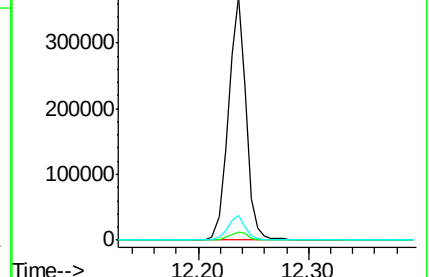
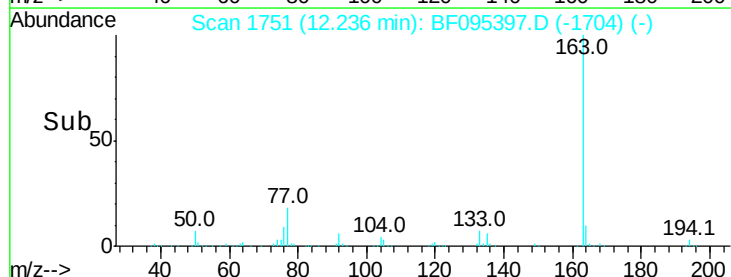
164 10.0 8.4 12.6

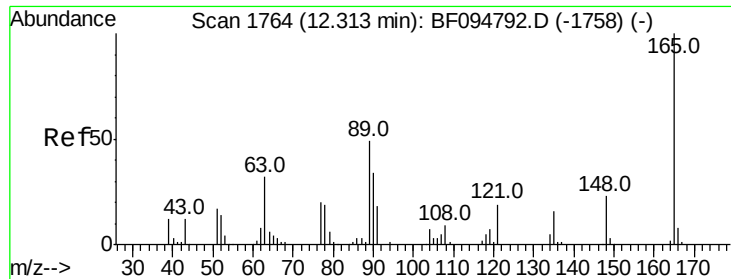


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

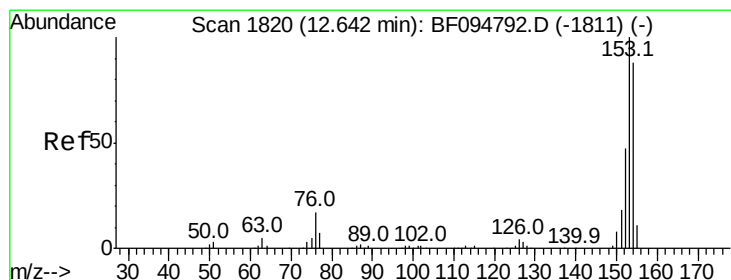
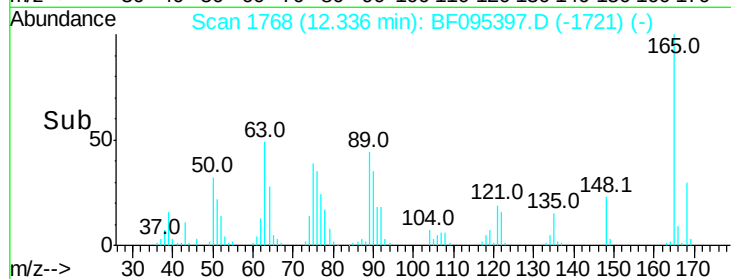
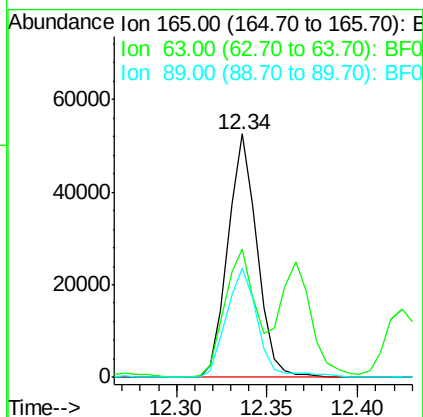
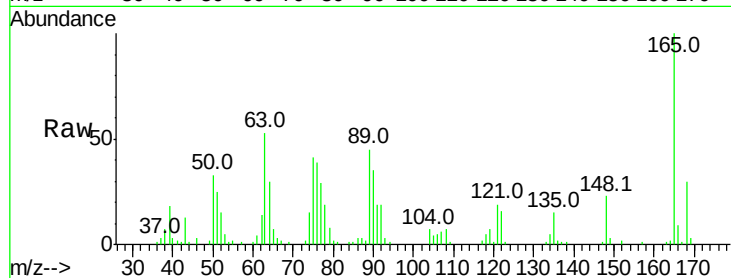




#50
 2,6-Dinitrotoluene
 Concen: 28.65 ng
 RT: 12.34 min Scan# 1768
 Delta R.T. -0.02 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

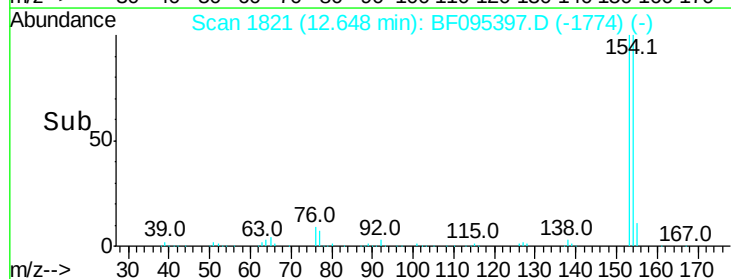
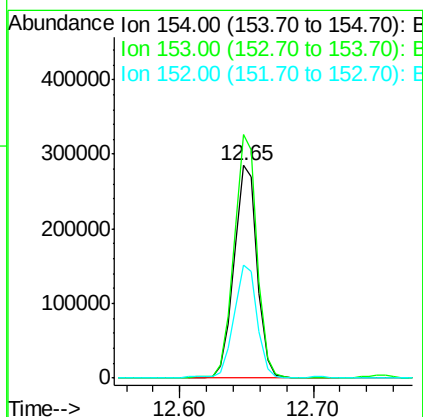
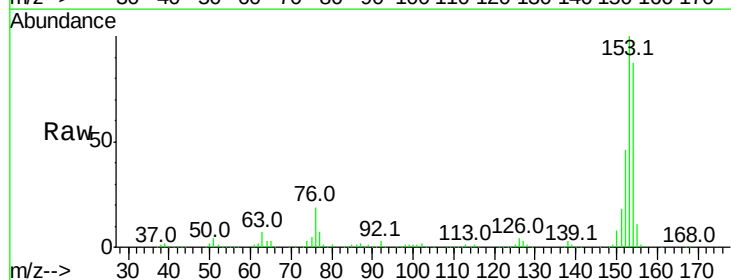
Instrument :
 BNA_F
 ClientSampleId :

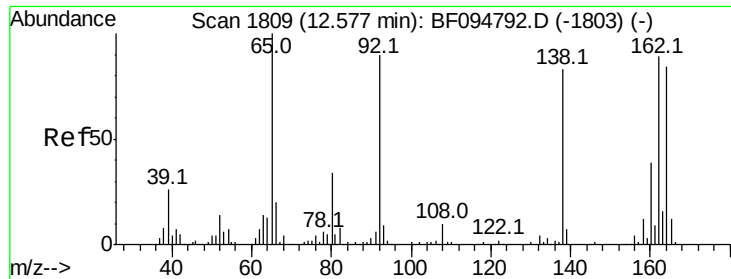
Tot Ion:165 Resp: 58898
 Ion Ratio Lower Upper
 165 100
 63 52.6 34.3 51.5#
 89 45.0 37.1 55.7



#51
 Acenaphthene
 Concen: 44.15 ng
 RT: 12.65 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

Tgt Ion:154 Resp: 344679
 Ion Ratio Lower Upper
 154 100
 153 114.7 90.5 135.7
 152 53.3 43.6 65.4





#52

3-Nitroaniline

Concen: 28.63 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Instrument :

BNA_F

ClientSampled :

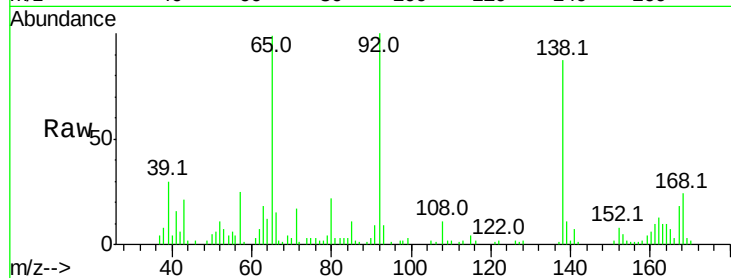
Tot Ion:138 Resp: 63175

Ion Ratio Lower Upper

138 100

108 12.3 9.1 13.7

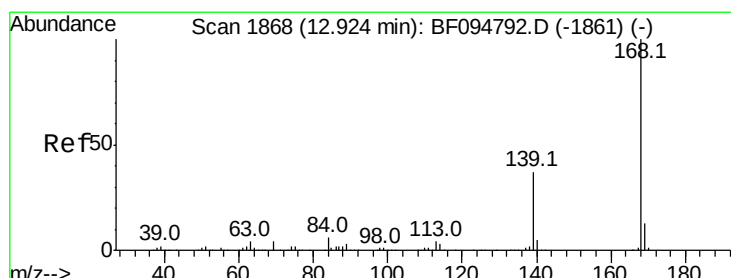
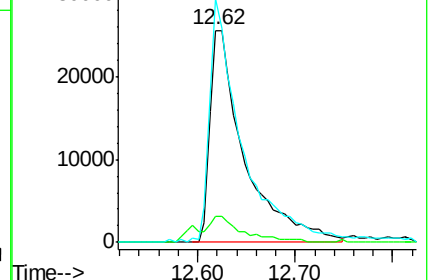
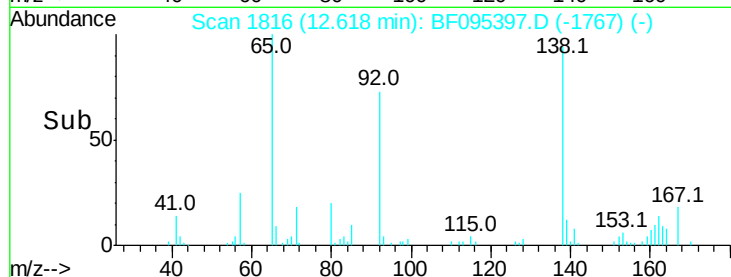
92 114.8 93.8 140.6



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



#54

Dibenzofuran

Concen: 41.56 ng

RT: 12.94 min Scan# 1871

Delta R.T. -0.02 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

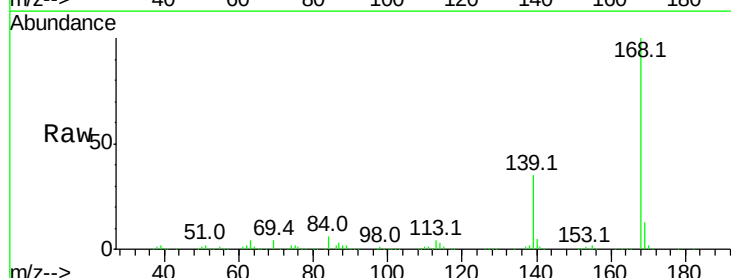
Tgt Ion:168 Resp: 448969

Ion Ratio Lower Upper

168 100

139 35.5 30.6 45.8

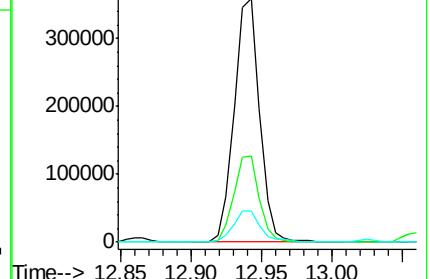
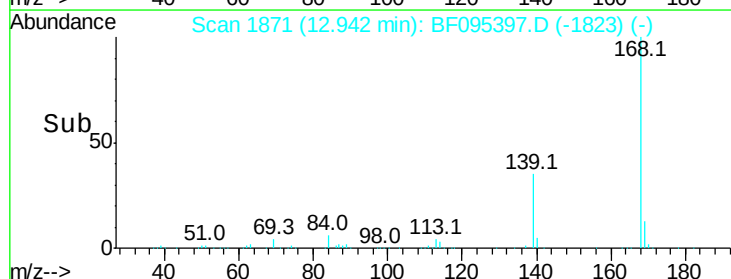
169 12.9 10.8 16.2

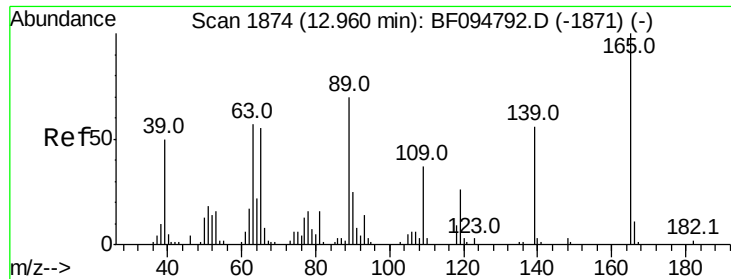


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

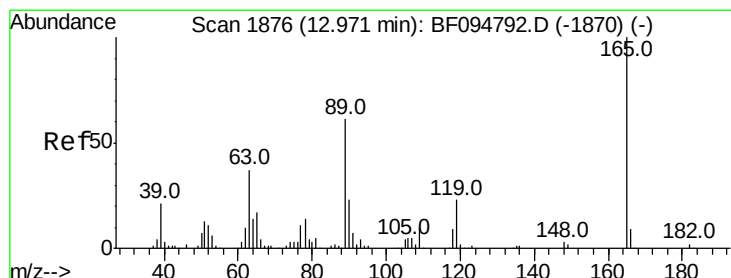
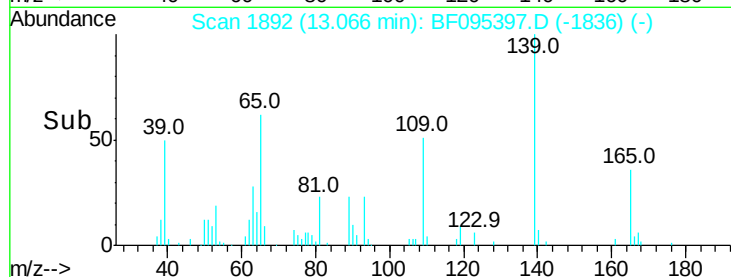
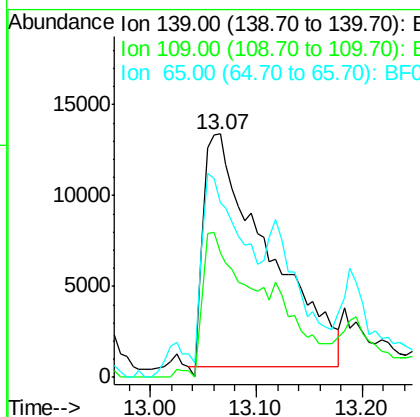
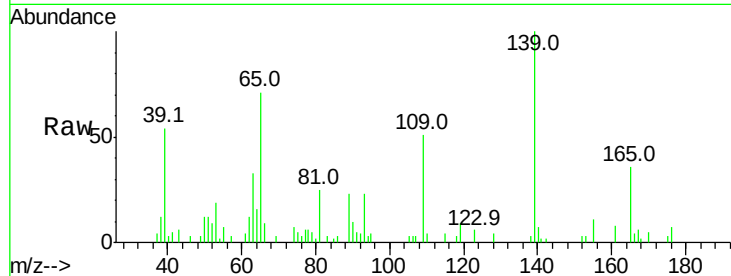




#55
 4-Nitrophenol
 Concen: 40.68 ng
 RT: 13.07 min Scan# 1892
 Delta R.T. 0.03 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

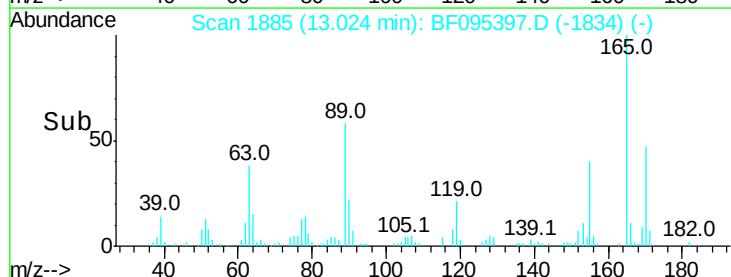
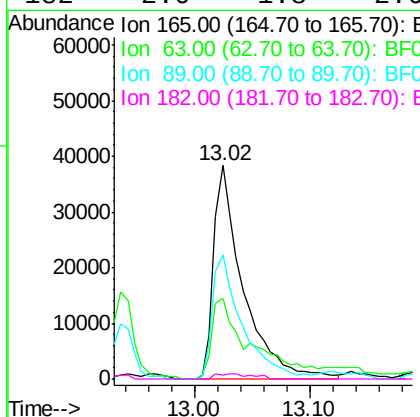
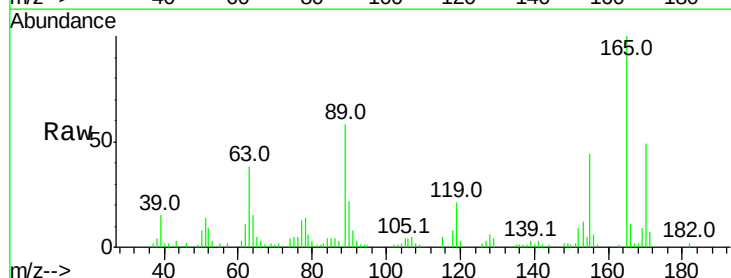
Instrument :
 BNA_F
 ClientSampled :

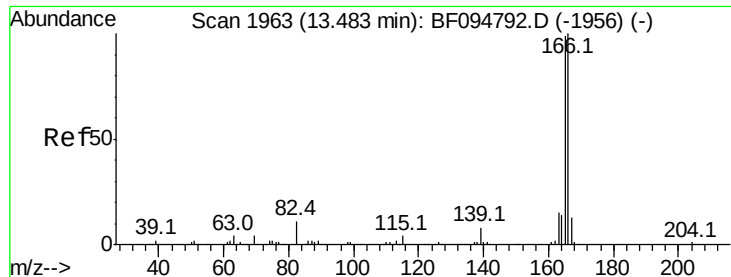
Tot Ion:139 Resp: 53908
 Ion Ratio Lower Upper
 139 100
 109 51.4 34.1 74.1
 65 71.4 31.4 71.4#



#56
 2,4-Dinitrotoluene
 Concen: 25.67 ng
 RT: 13.02 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

Tgt Ion:165 Resp: 67798
 Ion Ratio Lower Upper
 165 100
 63 38.0 25.4 38.0
 89 58.3 46.4 69.6
 182 2.0 1.8 2.6

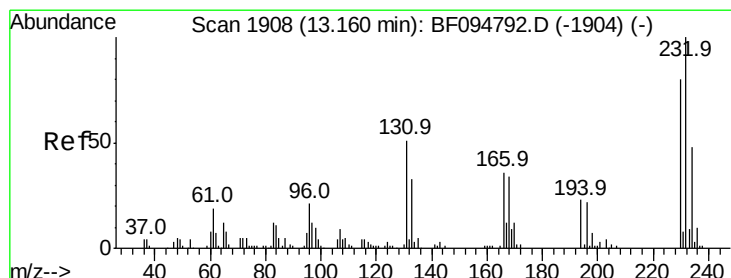
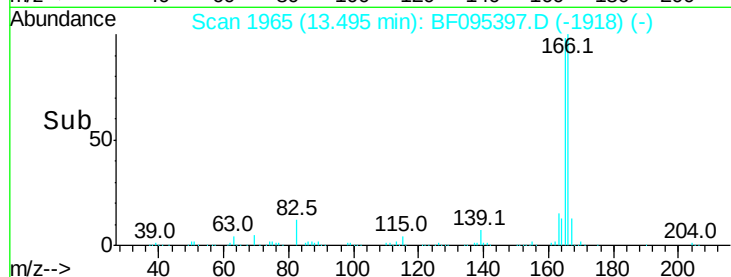
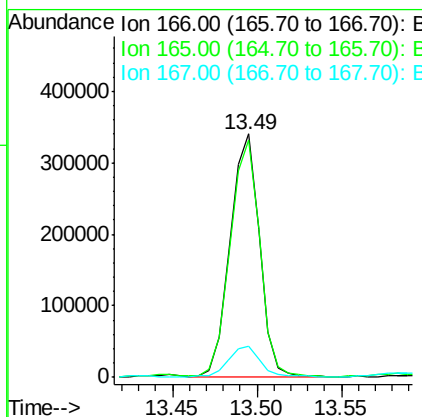
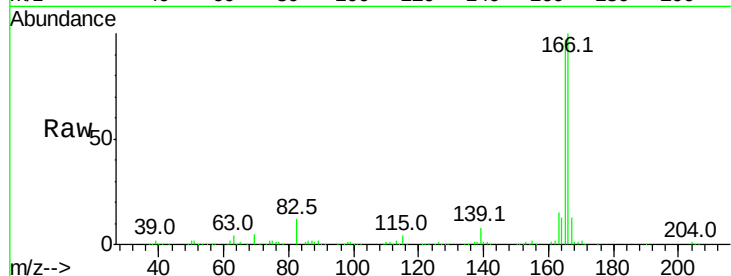




#57
 Fluorene
 Concen: 43.49 ng
 RT: 13.49 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

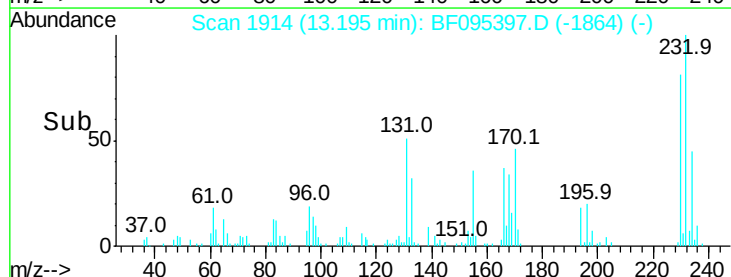
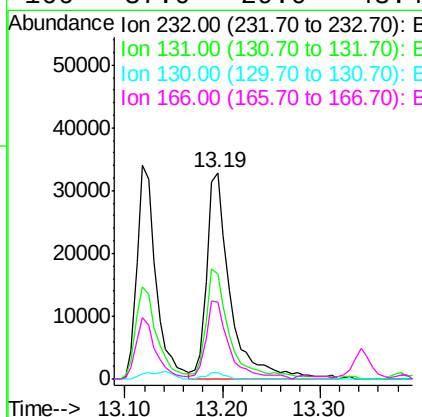
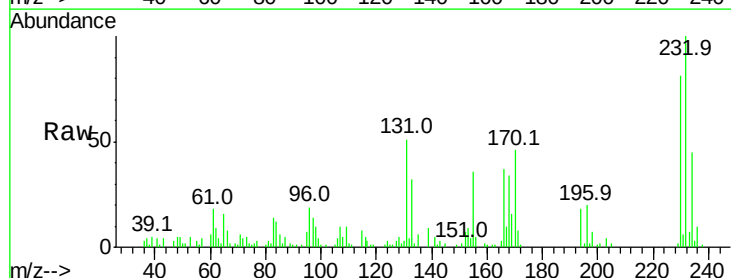
Instrument :
 BNA_F
 ClientSampleId :

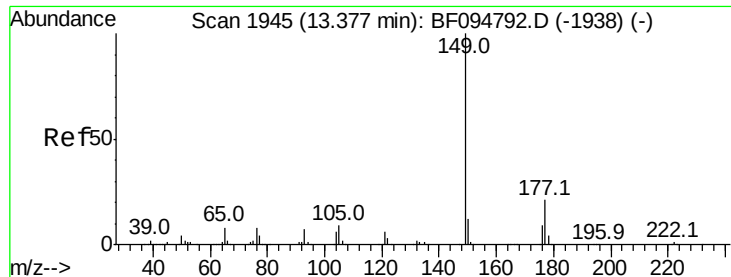
Tot Ion:166 Resp: 408547
 Ion Ratio Lower Upper
 166 100
 165 97.2 78.8 118.2
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.60 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

Tgt Ion:232 Resp: 55572
 Ion Ratio Lower Upper
 232 100
 131 50.0 44.8 67.2
 130 2.4 2.3 3.5
 166 37.0 29.0 43.4





#59

Diethylphthalate

Concen: 33.16 ng

RT: 13.38 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Instrument :

BNA_F

ClientSampleId :

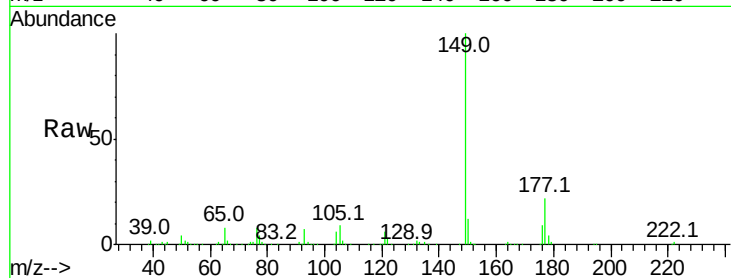
Tot Ion:149 Resp: 320248

Ion Ratio Lower Upper

149 100

177 21.9 16.7 25.1

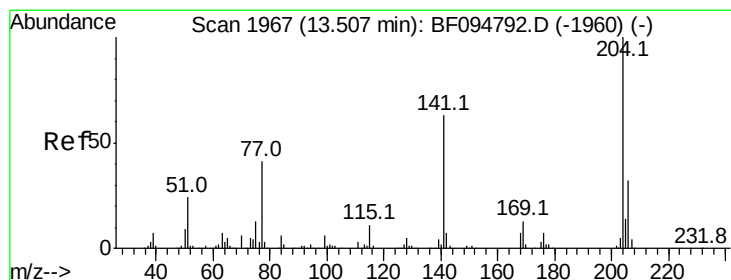
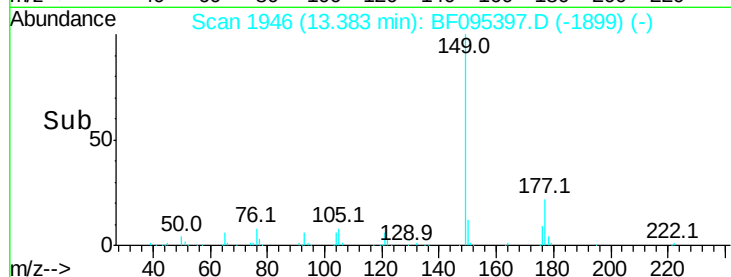
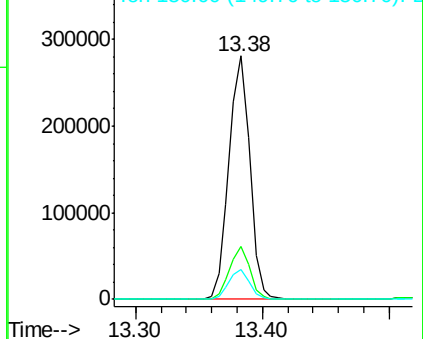
150 12.1 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.77 ng

RT: 13.51 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

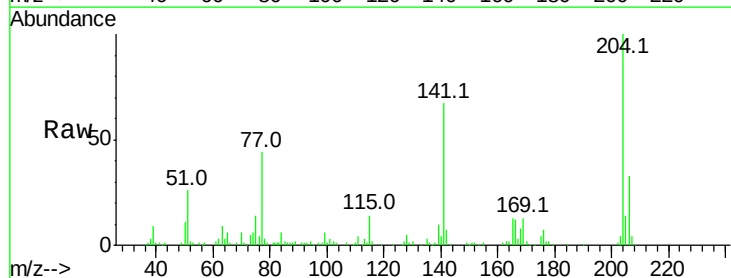
Tgt Ion:204 Resp: 135300

Ion Ratio Lower Upper

204 100

206 32.8 26.2 39.2

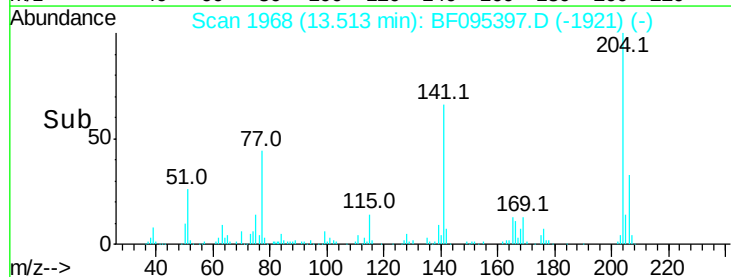
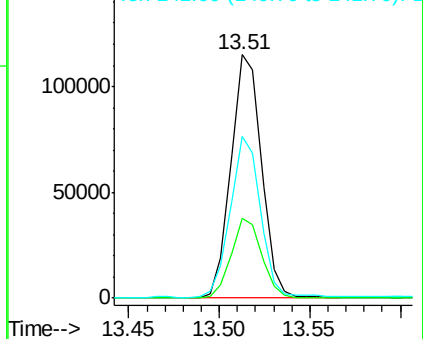
141 66.6 60.8 91.2

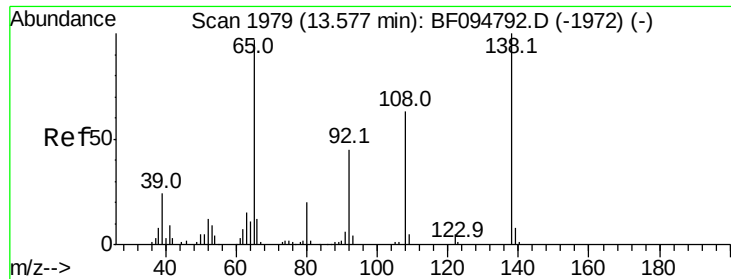


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

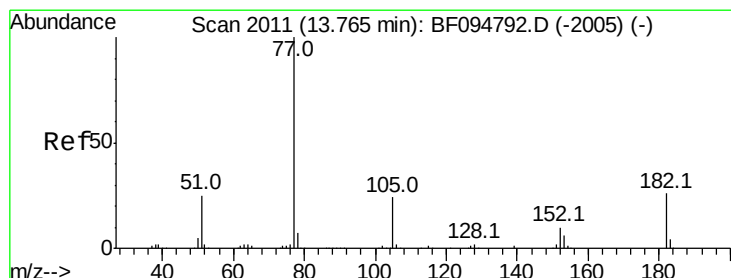
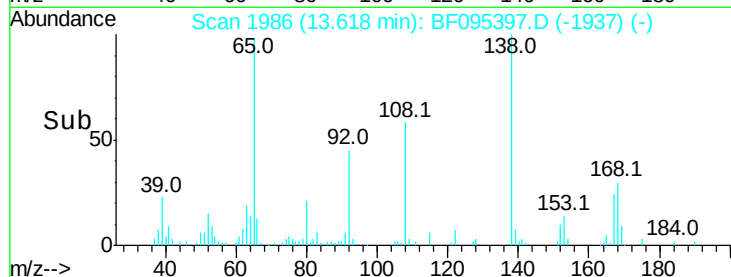
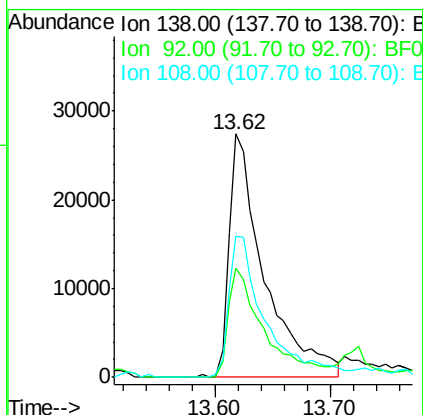
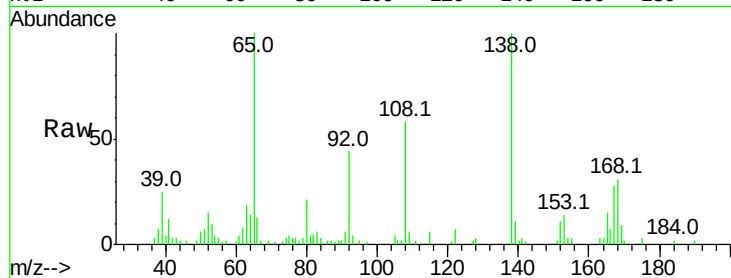




#61
4-Nitroaniline
Concen: 28.56 ng
RT: 13.62 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

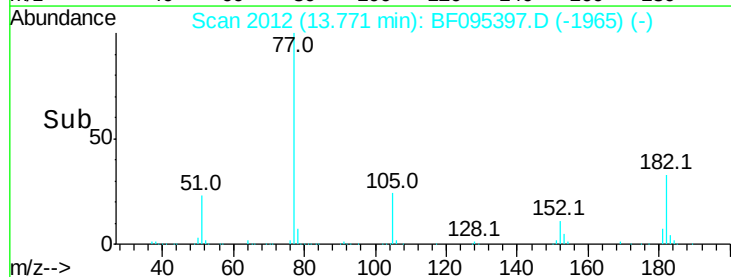
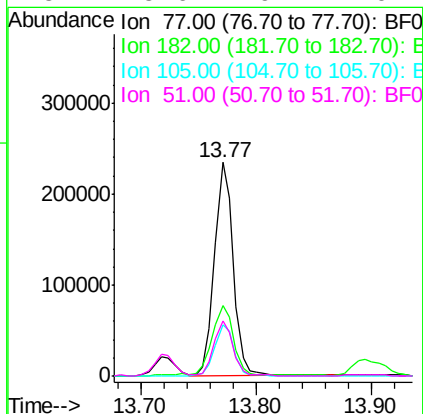
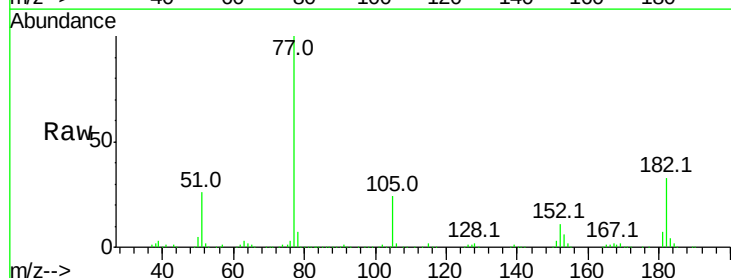
Instrument :
BNA_F
ClientSampleId :

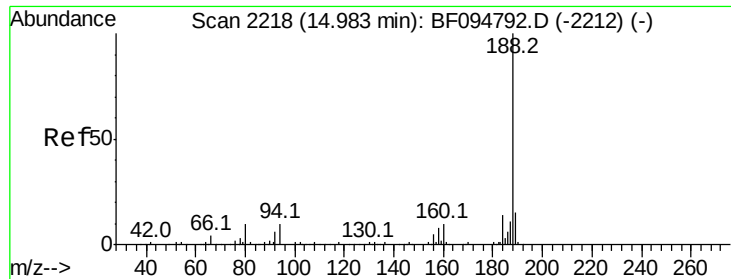
Tot Ion:138 Resp: 57856
Ion Ratio Lower Upper
138 100
92 44.6 21.8 61.8
108 57.9 42.3 82.3



#62
Azobenzene
Concen: 33.89 ng
RT: 13.77 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

Tgt Ion: 77 Resp: 263050
Ion Ratio Lower Upper
77 100
182 32.7 0.1 40.1
105 23.9 3.6 43.6
51 25.6 9.4 49.4

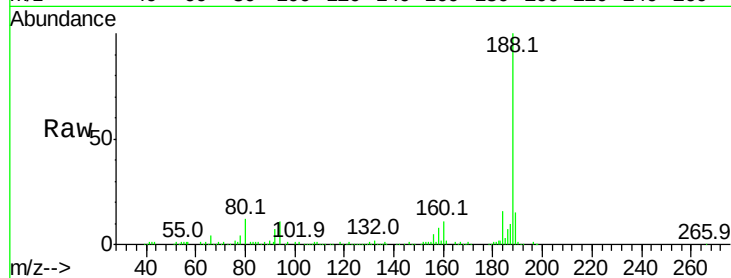




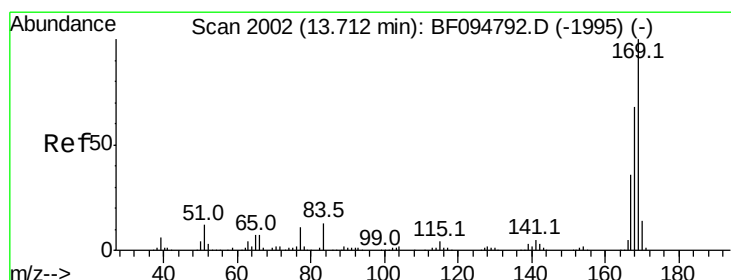
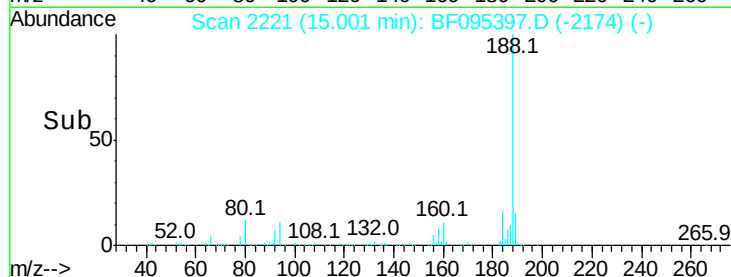
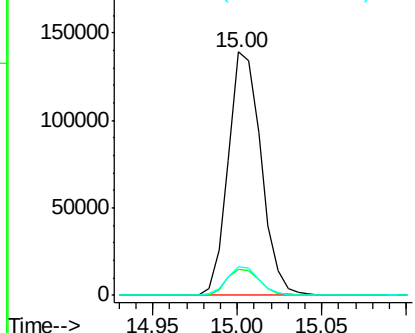
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 188473
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.9 10.2 15.2

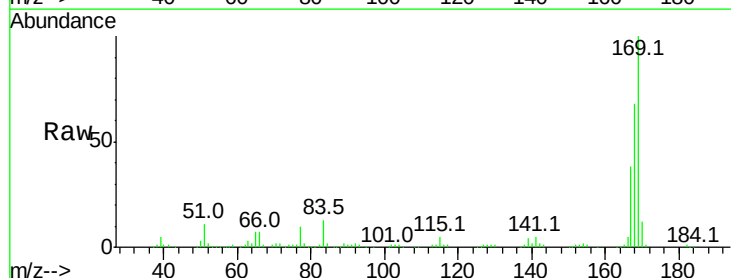


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

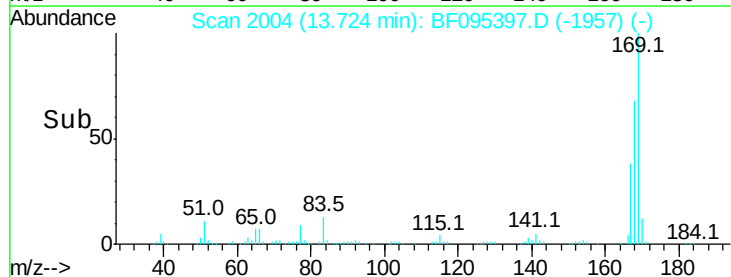
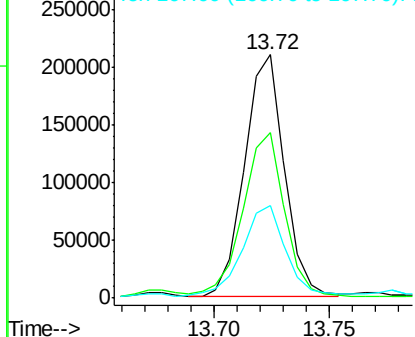


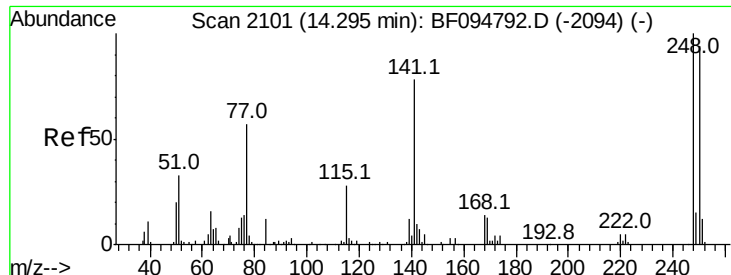
#65
n-Nitrosodiphenylamine
Concen: 37.17 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

Tgt Ion:169 Resp: 254261
Ion Ratio Lower Upper
169 100
168 67.9 53.2 79.8
167 38.0 29.5 44.3



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

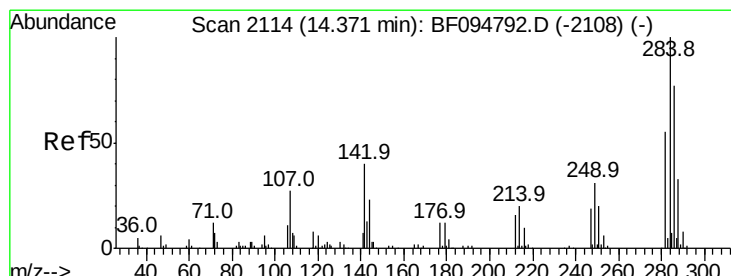
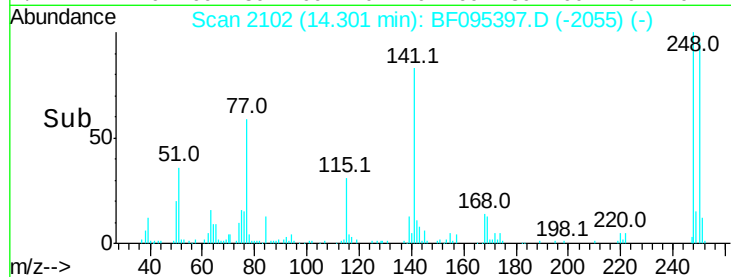
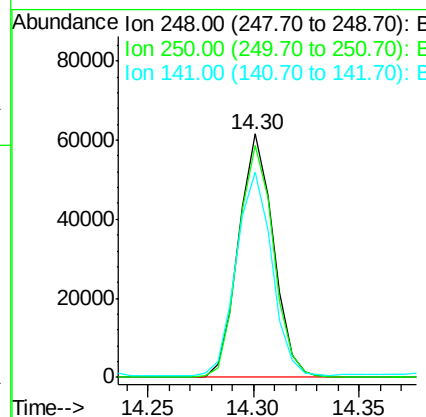
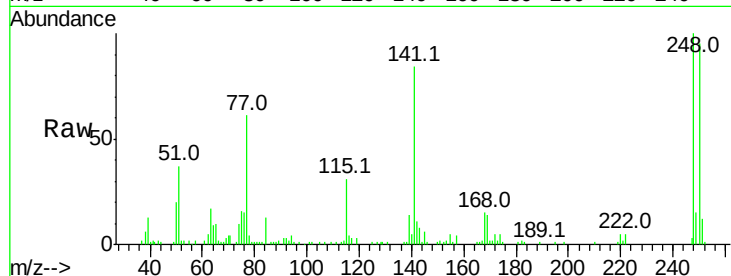




#66
 4-Bromophenyl-phenylether
 Concen: 35.36 ng
 RT: 14.30 min Scan# 2102
 Delta R.T. -0.02 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

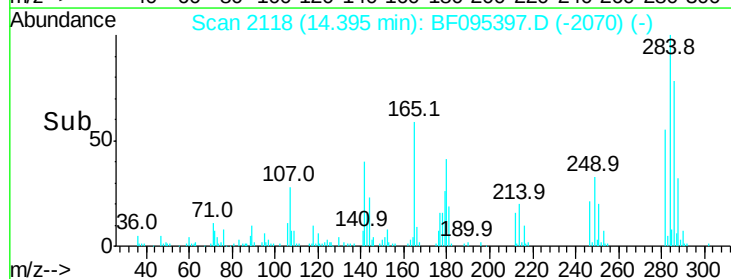
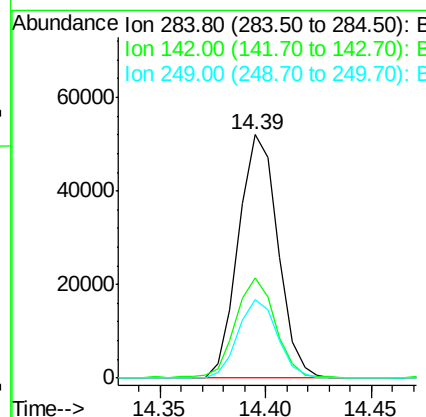
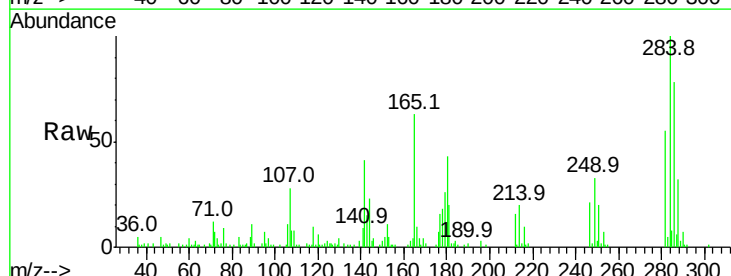
Instrument :
 BNA_F
 ClientSampled :

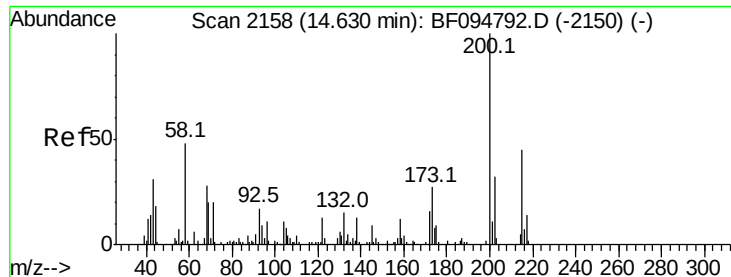
Tot Ion:248 Resp: 70411
 Ion Ratio Lower Upper
 248 100
 250 95.4 76.8 115.2
 141 84.2 68.6 103.0



#67
 Hexachlorobenzene
 Concen: 32.96 ng
 RT: 14.39 min Scan# 2118
 Delta R.T. -0.02 min
 Lab File: BF095397.D
 Acq: 24 May 2017 19:31

Tgt Ion:284 Resp: 67255
 Ion Ratio Lower Upper
 284 100
 142 41.3 22.8 34.2#
 249 32.5 24.0 36.0

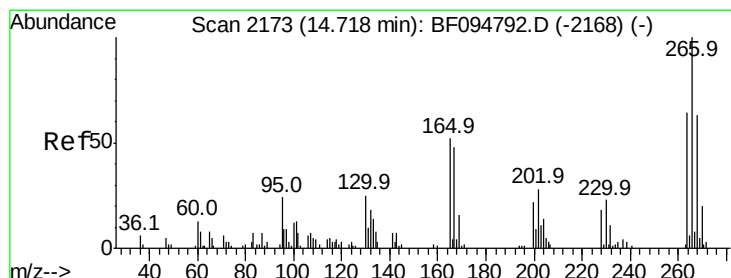
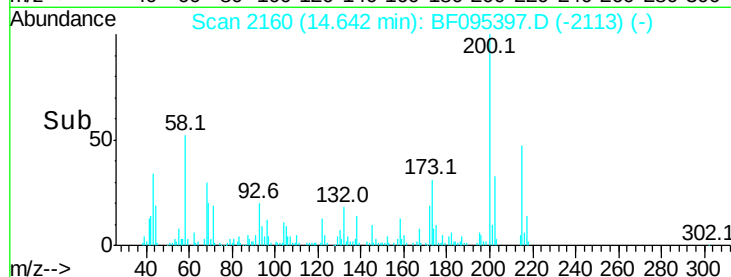
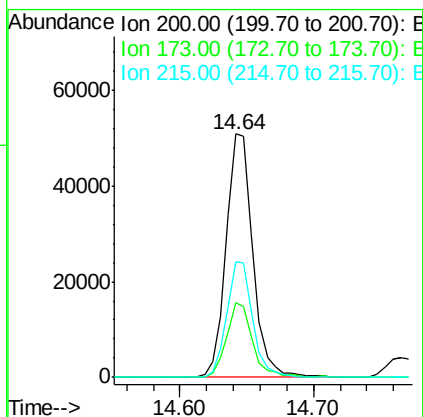
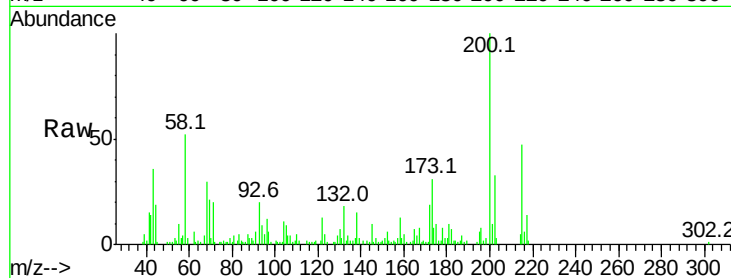




#68
Atrazine
Concen: 37.16 ng
RT: 14.64 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

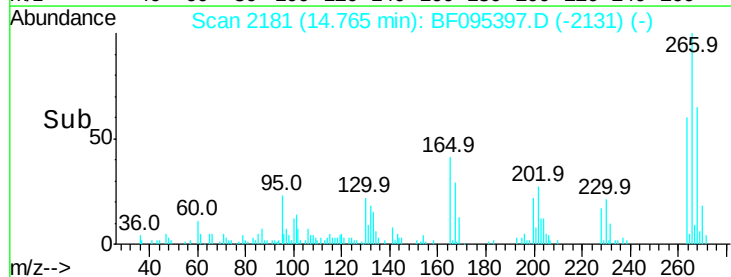
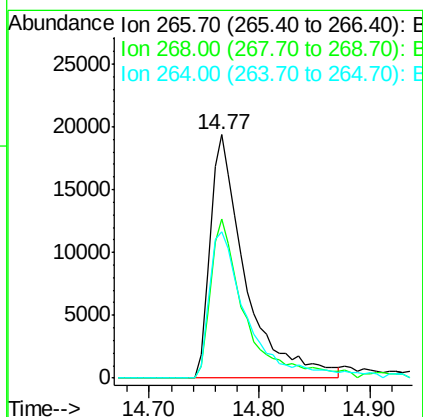
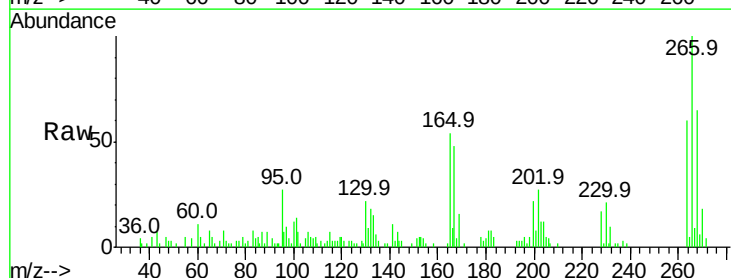
Instrument :
BNA_F
ClientSampleId :

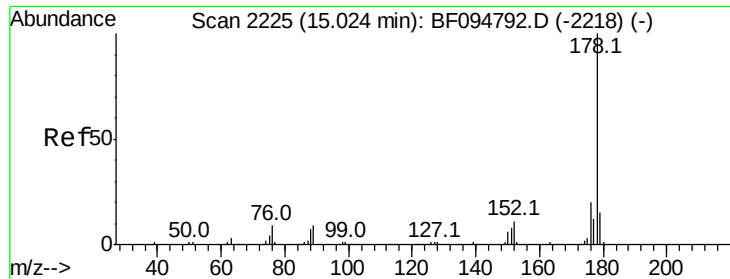
Tot Ion:200 Resp: 71764
Ion Ratio Lower Upper
200 100
173 30.6 6.3 46.3
215 47.3 27.2 67.2



#69
Pentachlorophenol
Concen: 48.45 ng
RT: 14.77 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

Tgt Ion:266 Resp: 42401
Ion Ratio Lower Upper
266 100
268 65.5 51.1 76.7
264 60.1 51.7 77.5





#70

Phenanthrene

Concen: 166.48 ng

RT: 15.05 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Instrument :

BNA_F

ClientSampleId :

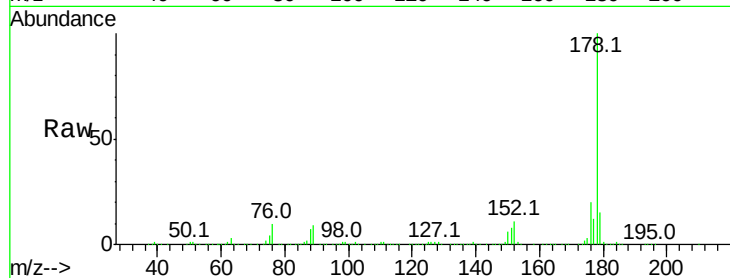
Tot Ion:178 Resp: 1802871

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

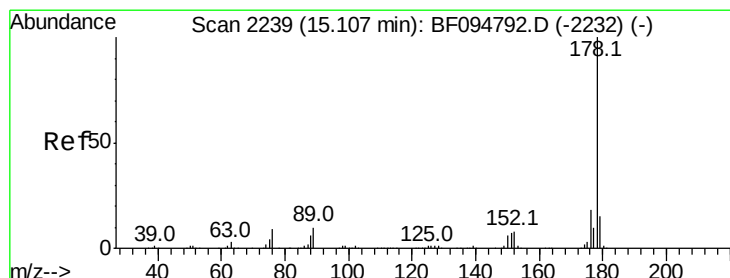
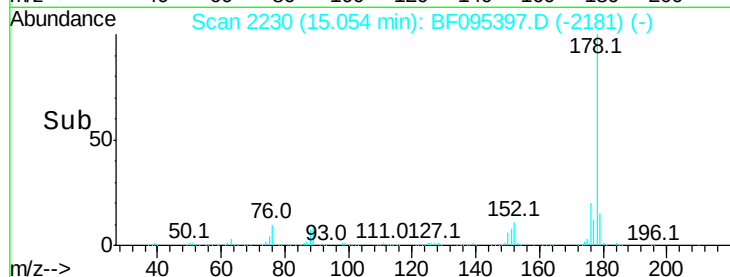
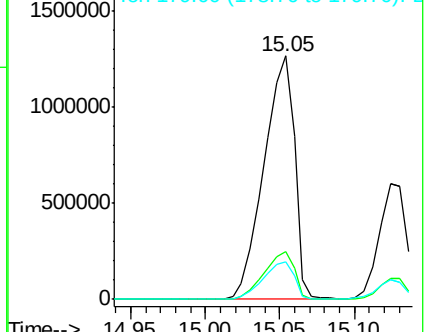
179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 68.22 ng

RT: 15.12 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

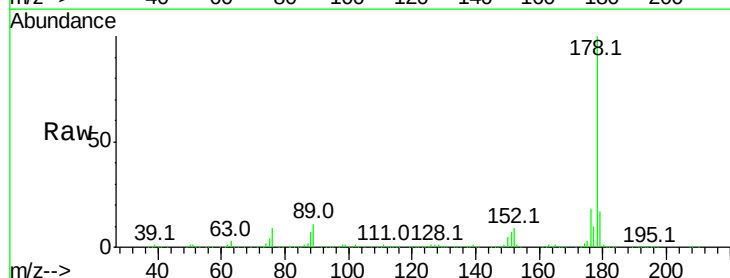
Tgt Ion:178 Resp: 754577

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.8

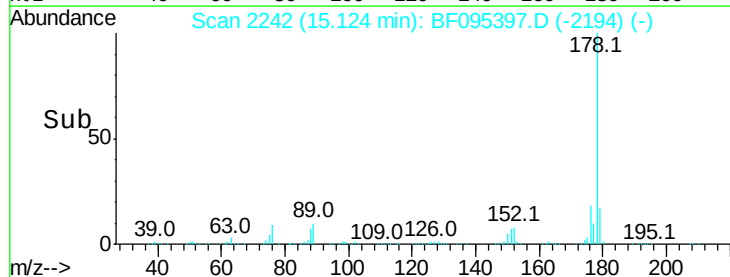
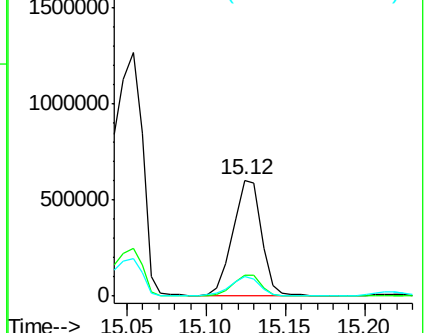
179 16.7 12.7 19.1

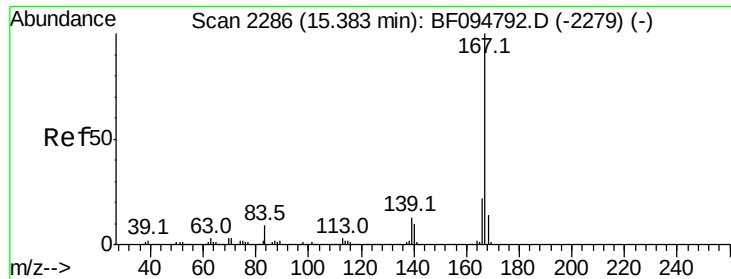


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 46.44 ng

RT: 15.41 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Instrument :

BNA_F

ClientSampled :

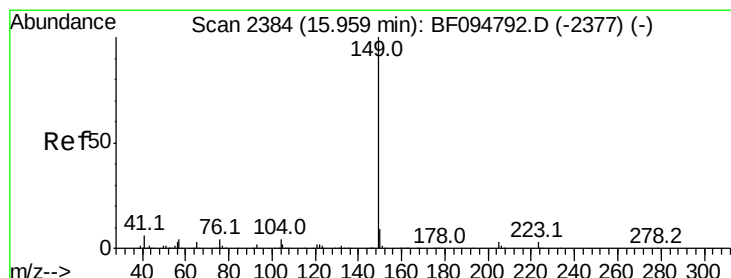
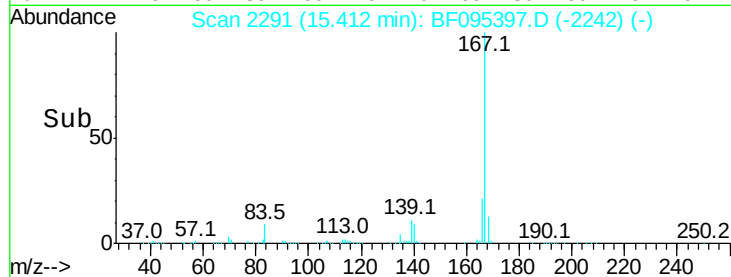
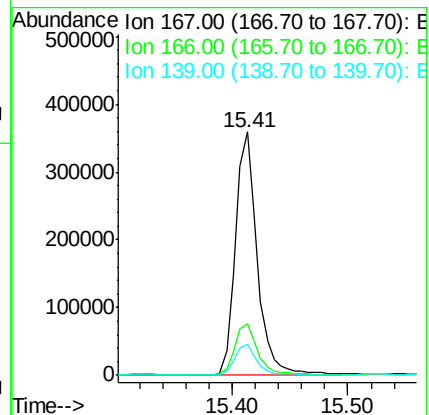
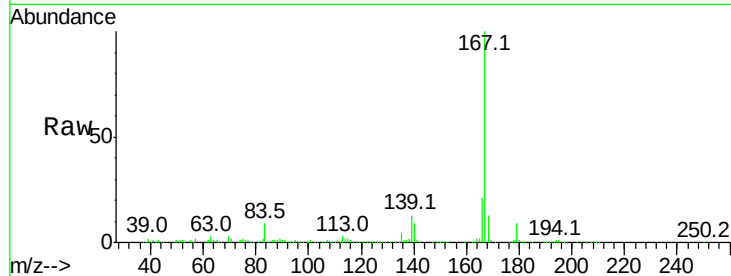
Tot Ion:167 Resp: 467445

Ion Ratio Lower Upper

167 100

166 21.2 18.1 27.1

139 12.9 11.7 17.5



#73

Di-n-butylphthalate

Concen: 36.50 ng

RT: 15.97 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

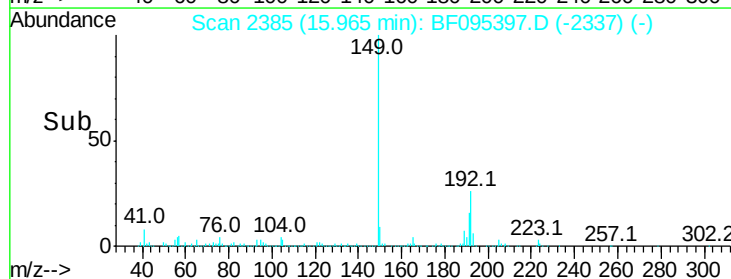
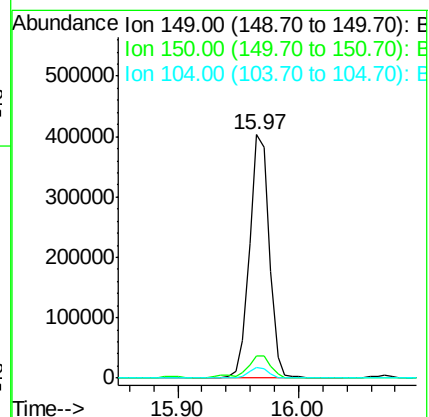
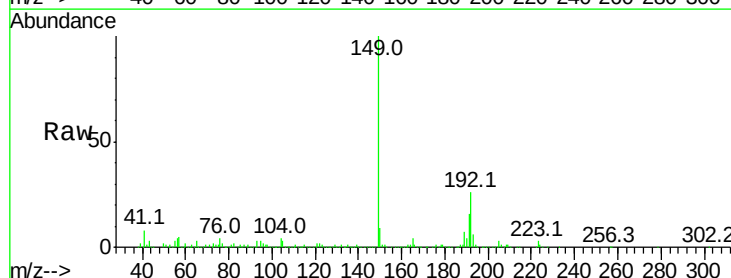
Tgt Ion:149 Resp: 458137

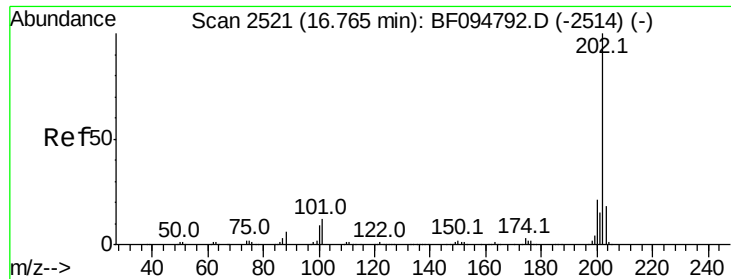
Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

104 4.1 4.0 6.0





#74

Fluoranthene

Concen: 200.03 ng

RT: 16.81 min Scan# 2528

Delta R.T. 0.01 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Instrument :

BNA_F

ClientSampleId :

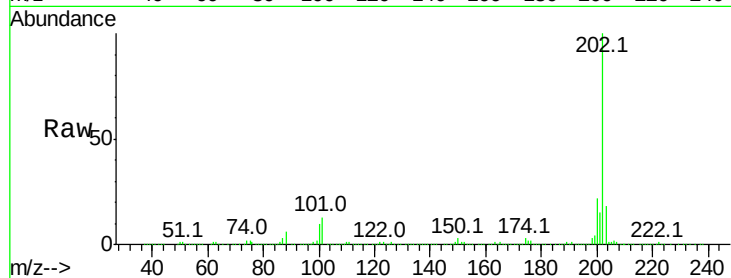
Tot Ion:202 Resp: 2221966

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

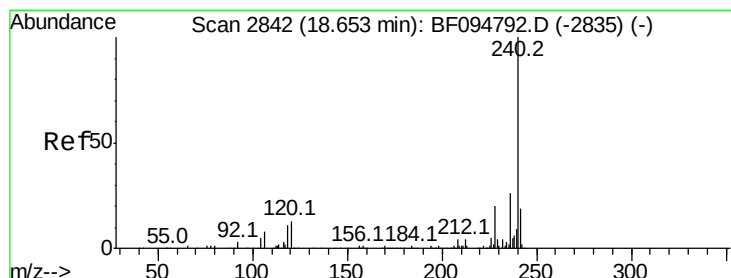
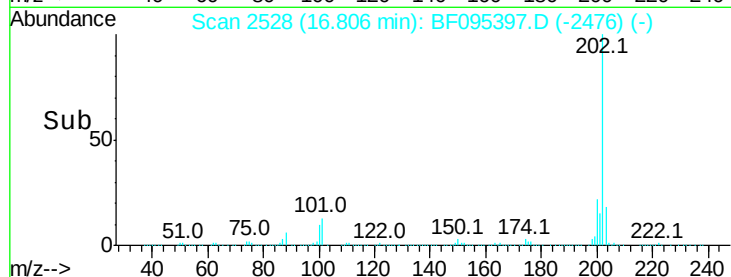
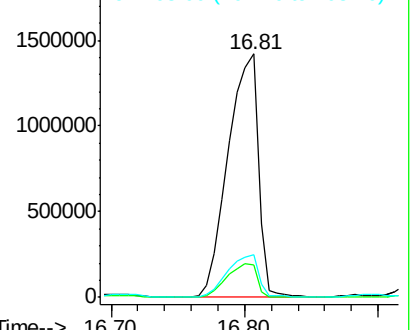
203 17.6 0.0 38.1



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: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

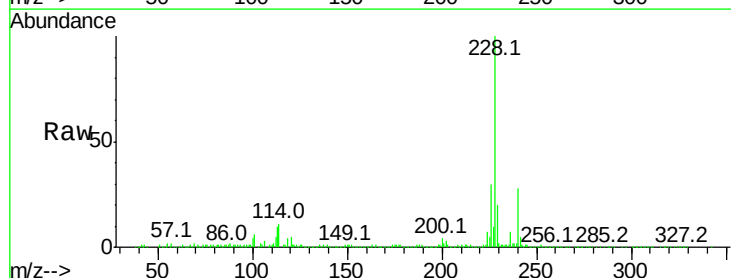
Tgt Ion:240 Resp: 155200

Ion Ratio Lower Upper

240 100

120 17.2 5.8 8.8#

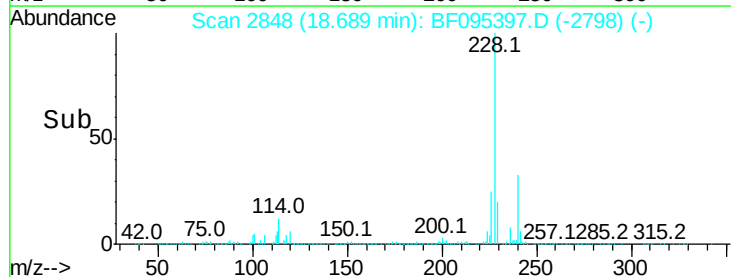
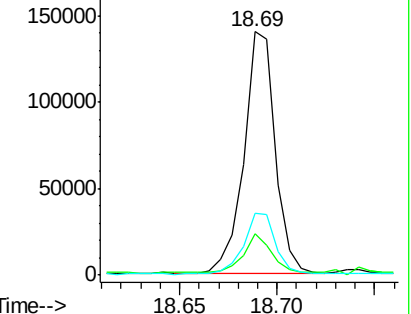
236 25.4 20.5 30.7

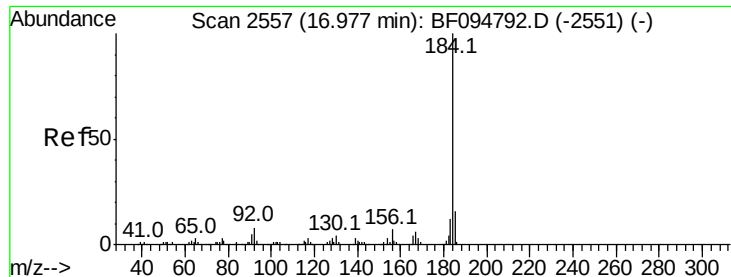


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 7.90 ng

RT: 17.05 min Scan# 2569

Delta R.T. 0.03 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Instrument :

BNA_F

ClientSampleId :

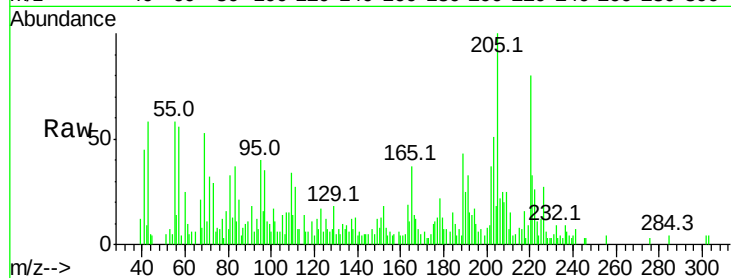
Tot Ion:184 Resp: 6361

Ion Ratio Lower Upper

184 100

185 67.3 15.5 23.3#

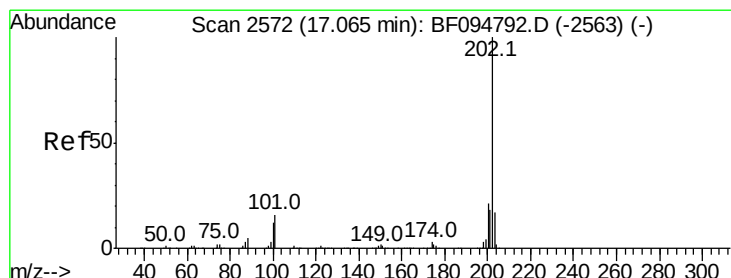
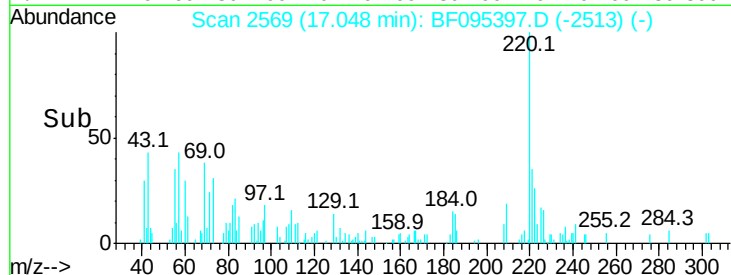
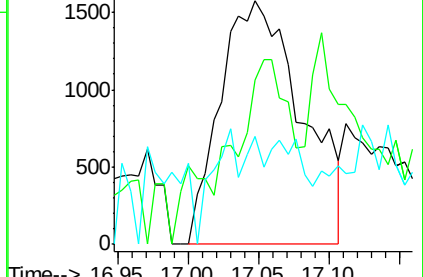
183 44.4 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 202.96 ng

RT: 17.11 min Scan# 2579

Delta R.T. 0.00 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

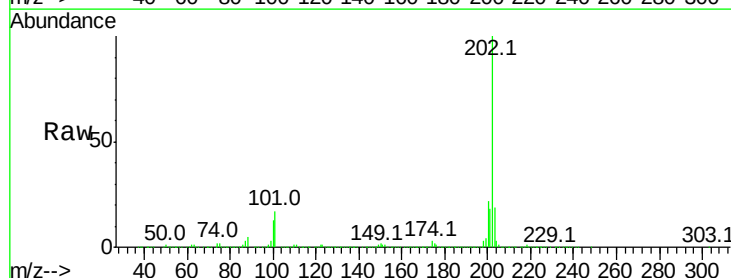
Tgt Ion:202 Resp: 2355774

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

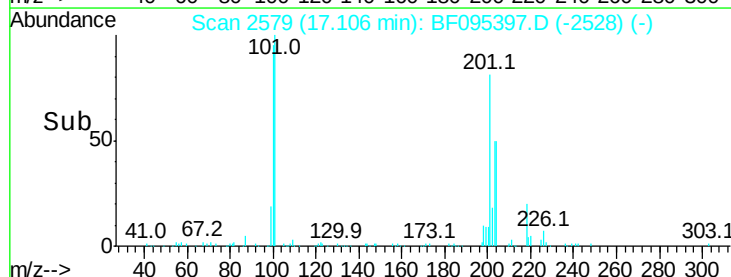
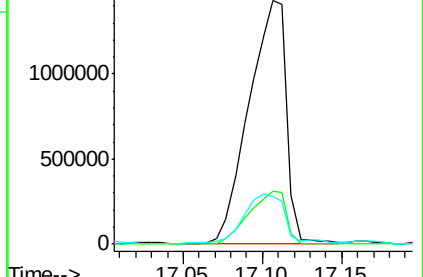
203 19.5 14.4 21.6

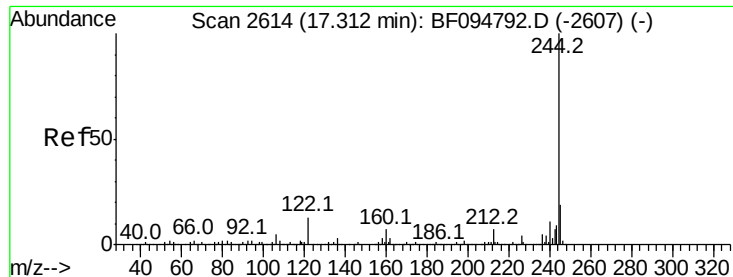


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 69.70 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Instrument :

BNA_F

ClientSampled :

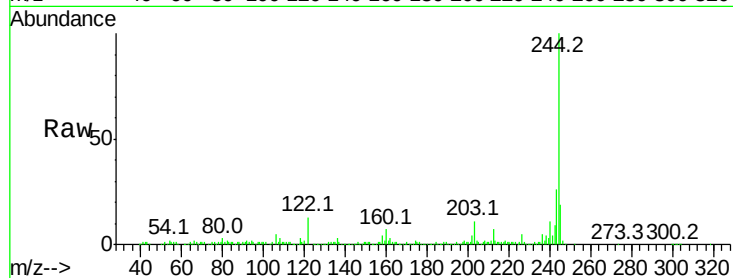
Tot Ion:244 Resp: 491148

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

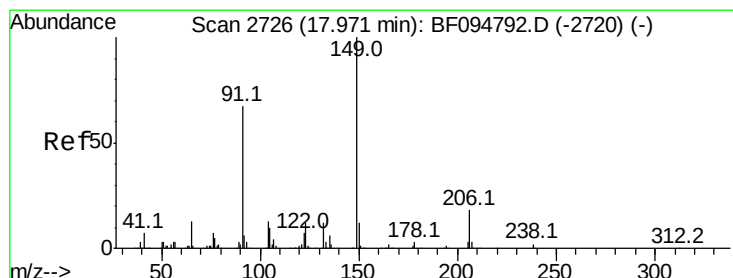
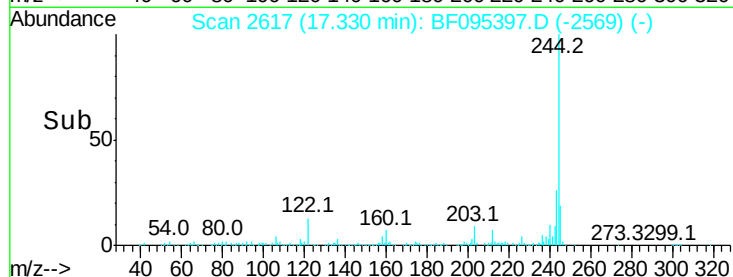
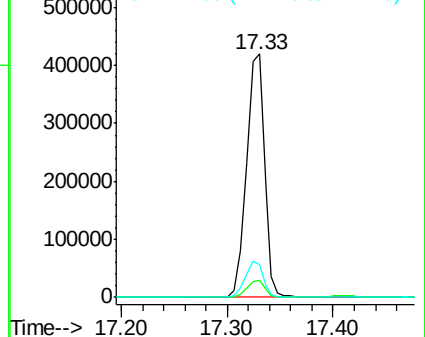
122 13.3 10.3 15.5



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: 38.70 ng

RT: 17.99 min Scan# 2729

Delta R.T. -0.01 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

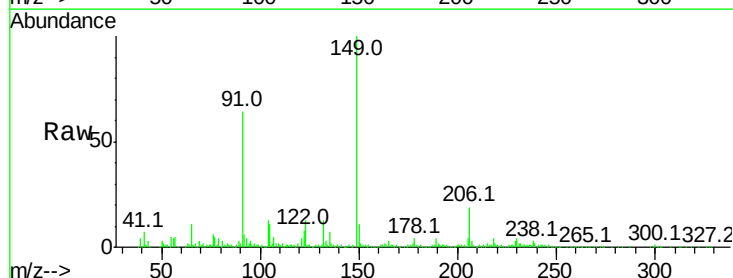
Tgt Ion:149 Resp: 208930

Ion Ratio Lower Upper

149 100

91 64.2 45.0 67.4

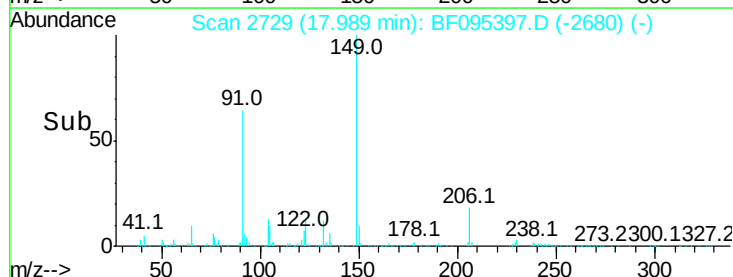
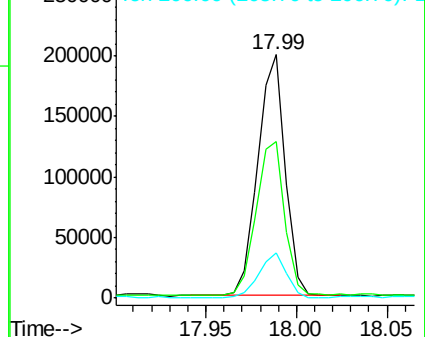
206 18.8 17.0 25.6

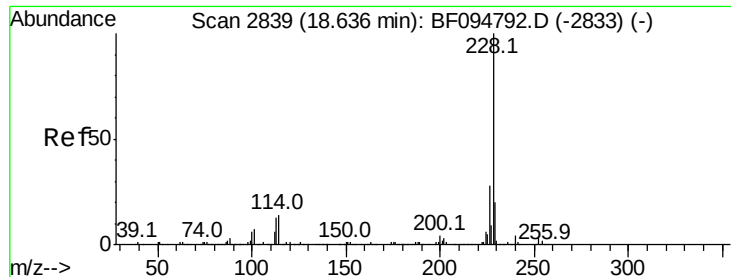


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

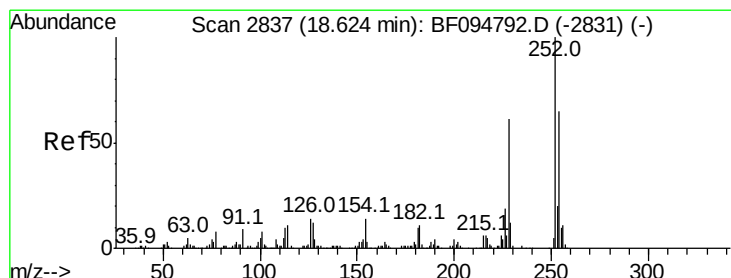
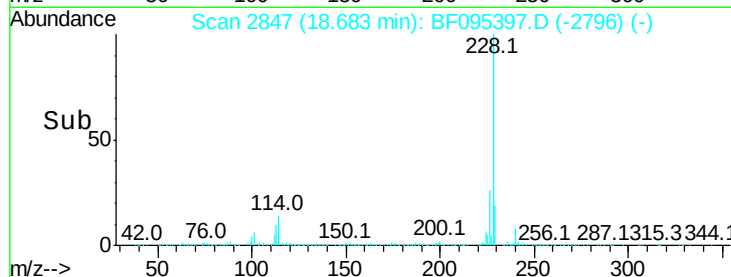
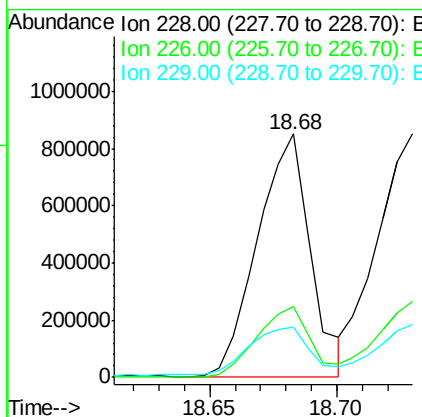
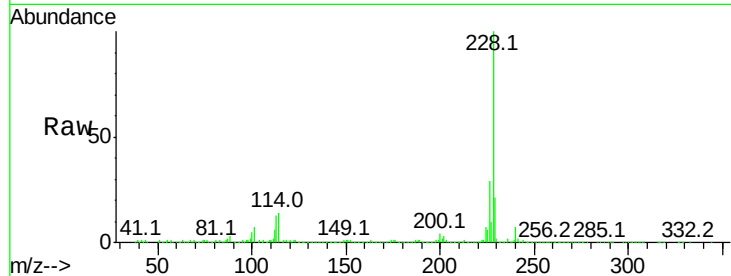




#80
Benzo(a)anthracene
Concen: 136.63 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.00 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

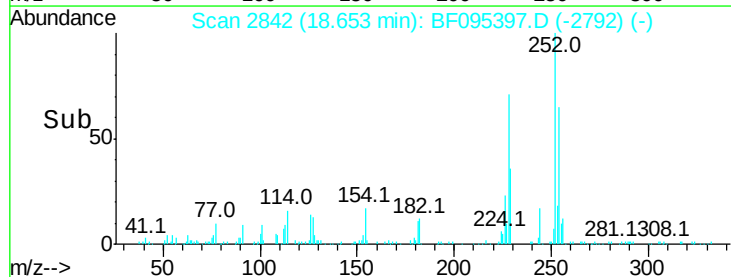
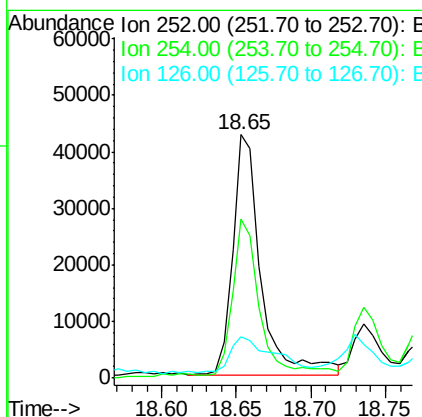
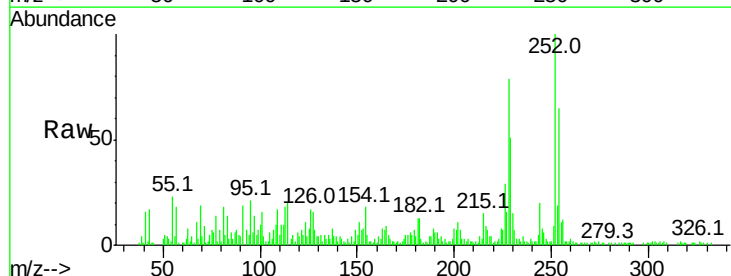
Instrument :
BNA_F
ClientSampleId :

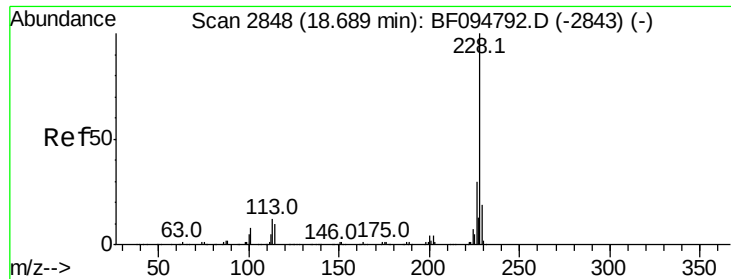
Tot Ion:228 Resp: 1234070
Ion Ratio Lower Upper
228 100
226 29.0 22.6 33.8
229 20.7 16.3 24.5



#81
3,3'-Dichlorobenzidine
Concen: 18.25 ng
RT: 18.65 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

Tgt Ion:252 Resp: 56922
Ion Ratio Lower Upper
252 100
254 65.4 51.5 77.3
126 17.2 15.8 23.8





#82

Chrysene

Concen: 126.05 ng

RT: 18.73 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Instrument :

BNA_F

ClientSampleId :

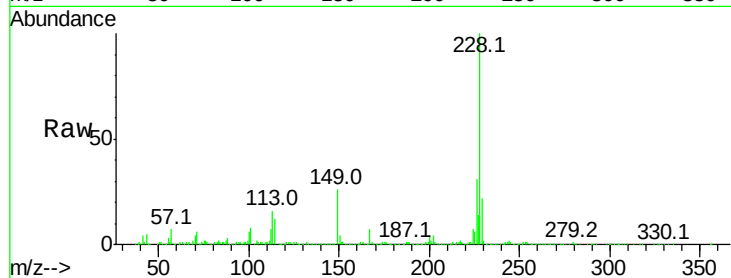
Tot Ion:228 Resp: 1100905

Ion Ratio Lower Upper

228 100

226 31.0 24.9 37.3

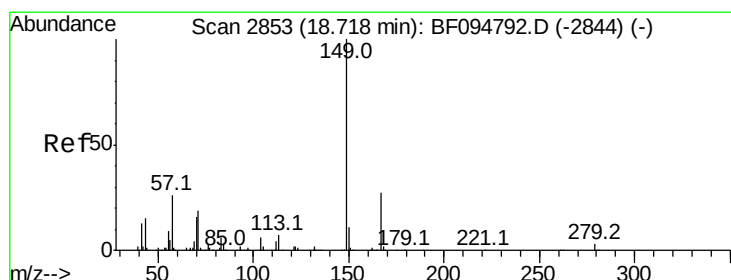
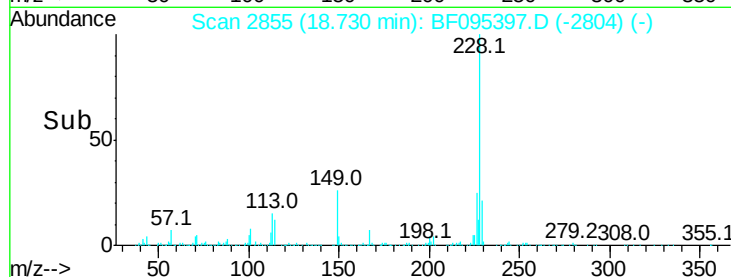
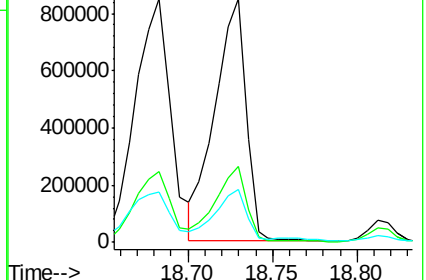
229 21.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 34.99 ng

RT: 18.74 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

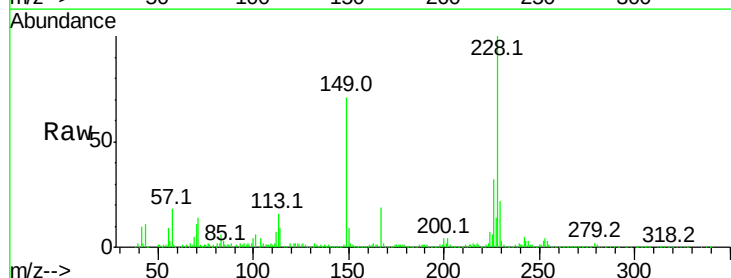
Tgt Ion:149 Resp: 269120

Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

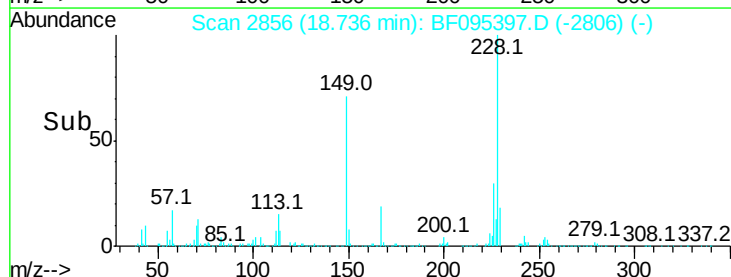
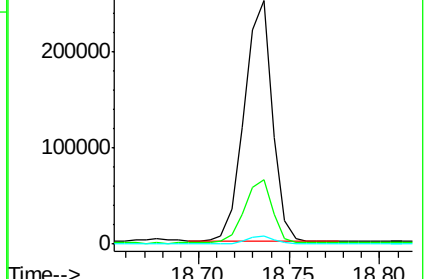
279 3.2 1.9 2.9#

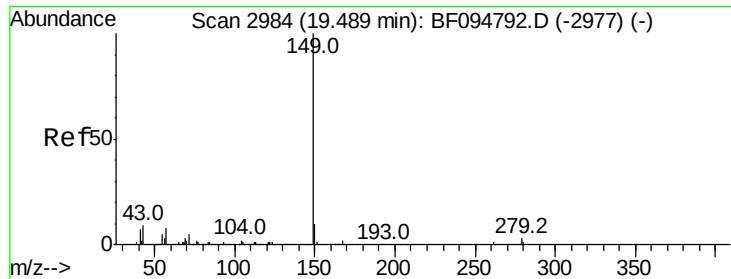


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

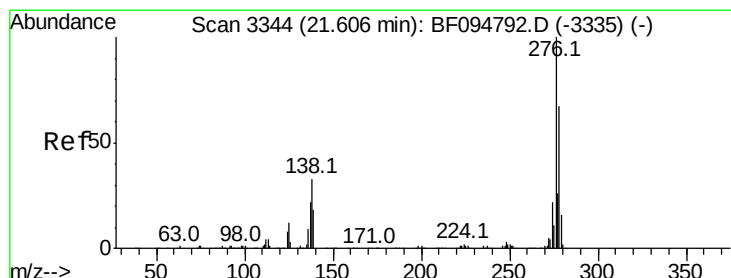
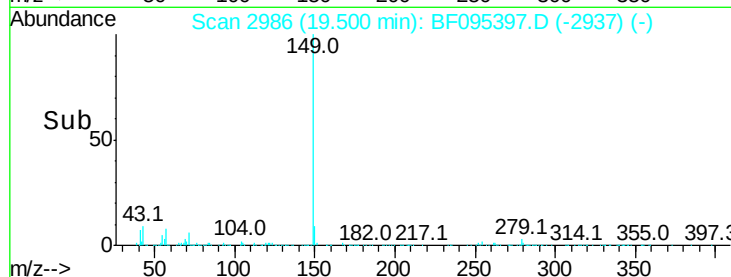
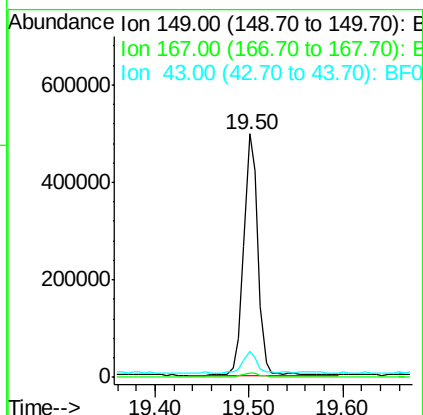
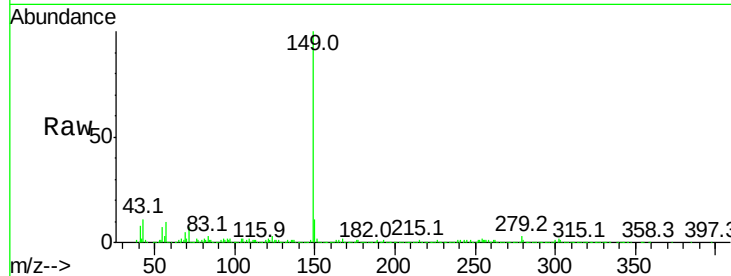




#84
Di-n-octyl phthalate
Concen: 41.44 ng
RT: 19.50 min Scan# 2986
Delta R.T. -0.01 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

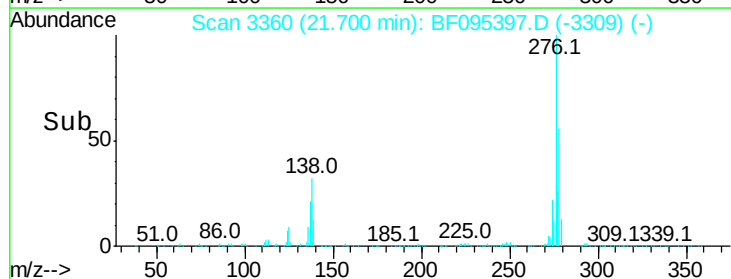
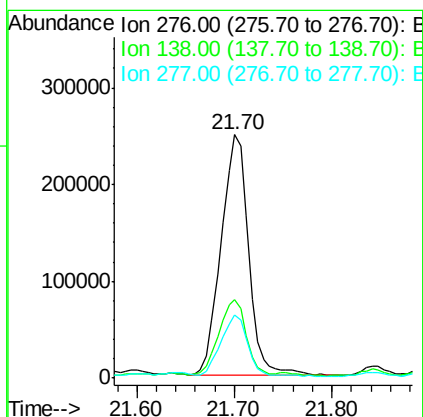
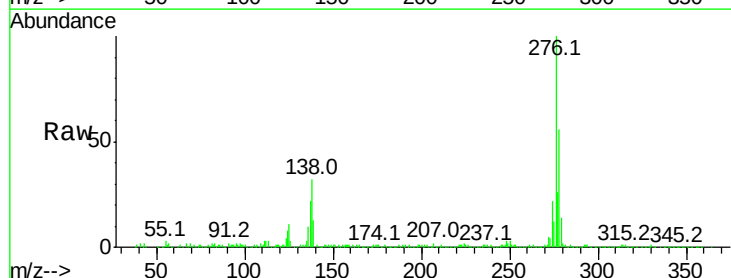
Instrument :
BNA_F
ClientSampleId :

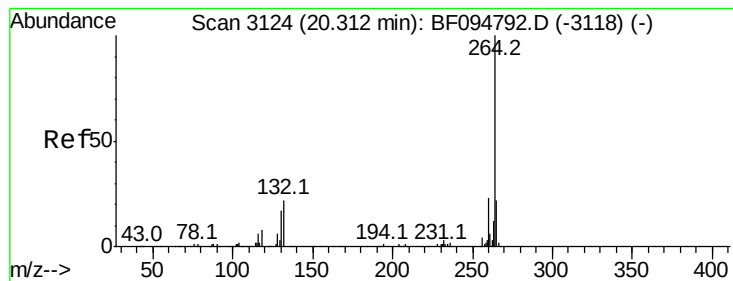
Tot Ion:149 Resp: 522670
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.8 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 68.89 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

Tgt Ion:276 Resp: 488646
Ion Ratio Lower Upper
276 100
138 30.2 27.8 41.6
277 25.3 20.2 30.4





#86

Pervlene-d12

Concen: 20.00 ng

RT: 20.37 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

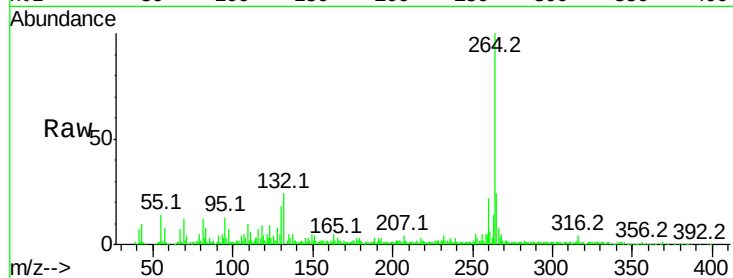
Instrument :

BNA_F

ClientSampled :

Tot Ion:264 Resp: 115743

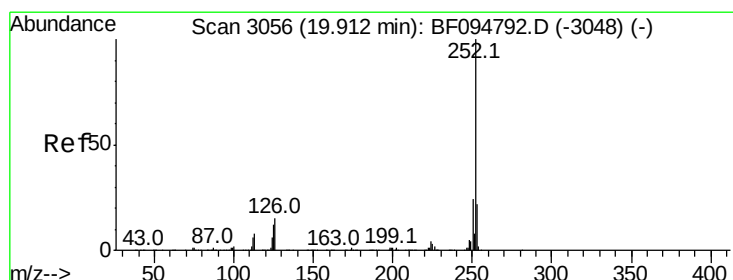
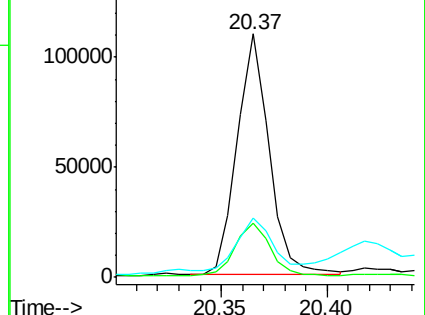
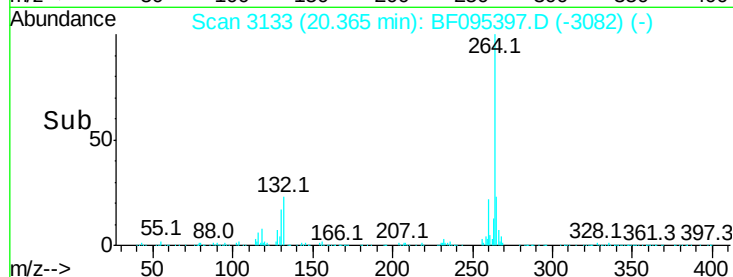
Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	24.3	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 135.75 ng

RT: 19.96 min Scan# 3064

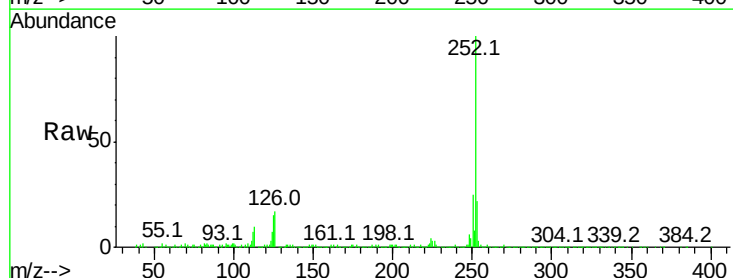
Delta R.T. 0.00 min

Lab File: BF095397.D

Acq: 24 May 2017 19:31

Tgt Ion:252 Resp: 970890

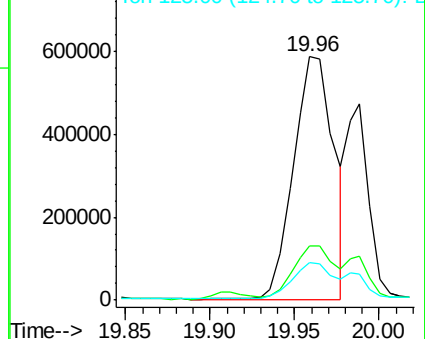
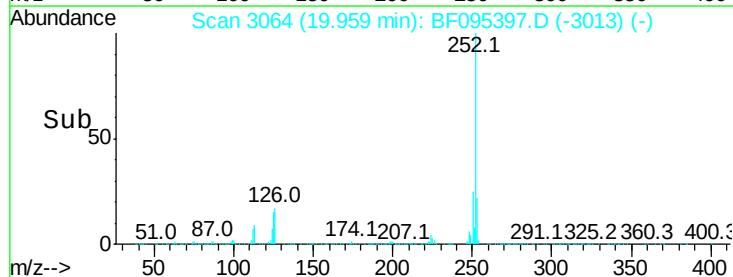
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	15.3	9.8	14.8#

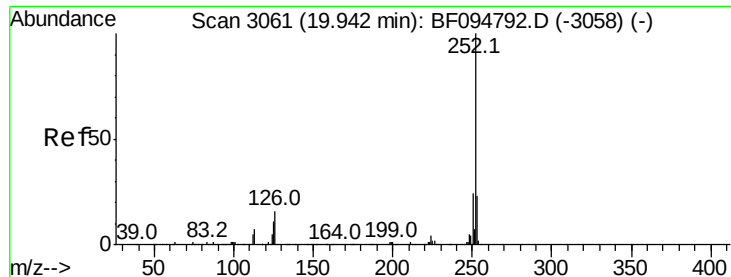


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

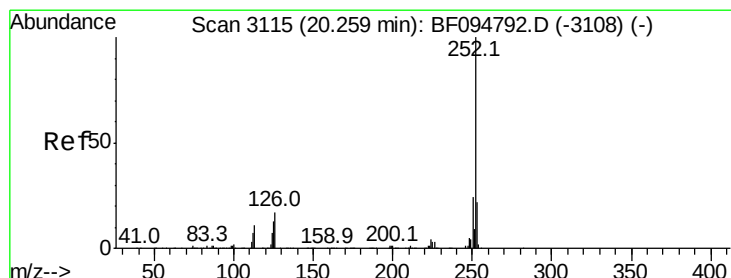
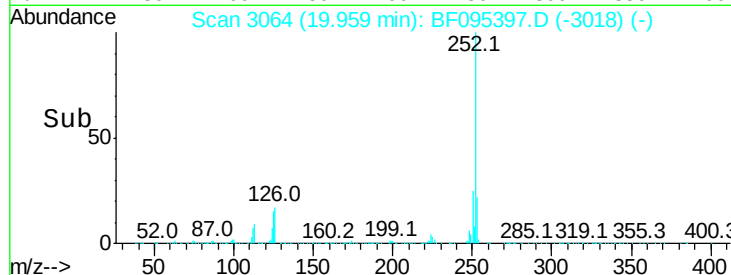
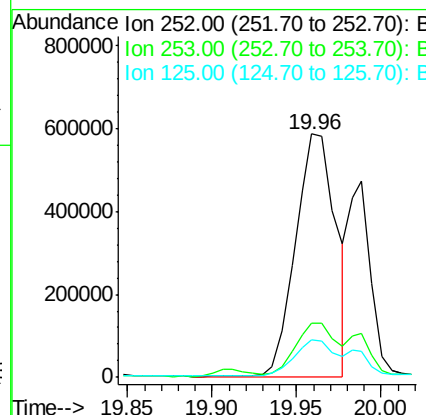
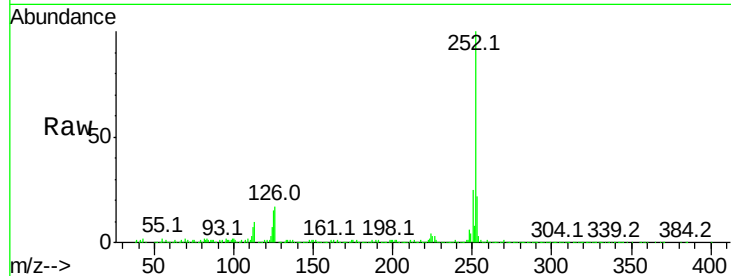




#88
Benzo(k)fluoranthene
Concen: 140.73 ng
RT: 19.96 min Scan# 3064
Delta R.T. -0.03 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

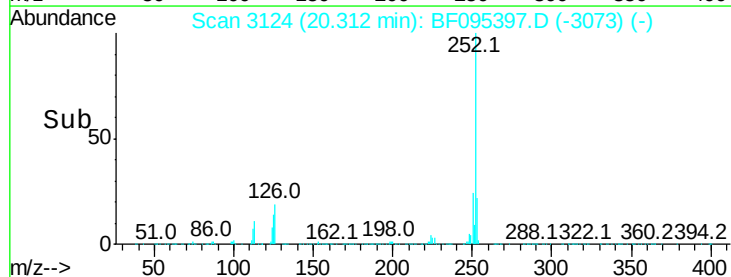
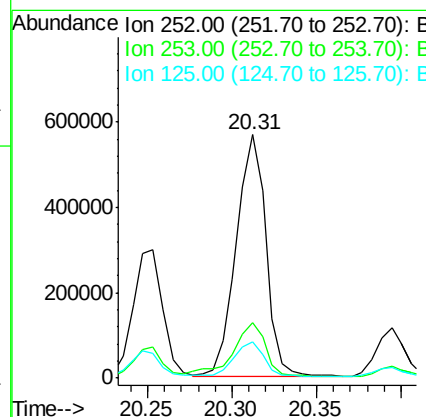
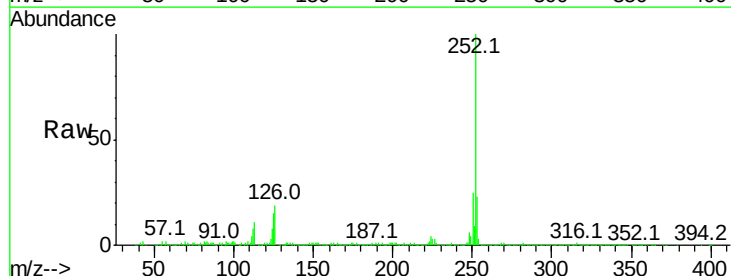
Instrument :
BNA_F
ClientSampleId :

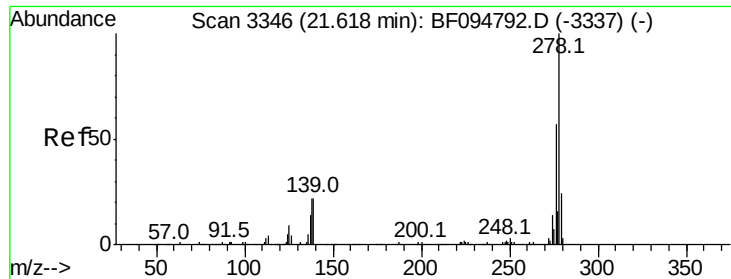
Tot Ion:252 Resp: 970890
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 15.3 13.1 19.7



#89
Benzo(a)pyrene
Concen: 105.95 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

Tgt Ion:252 Resp: 699236
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 15.1 11.0 16.4

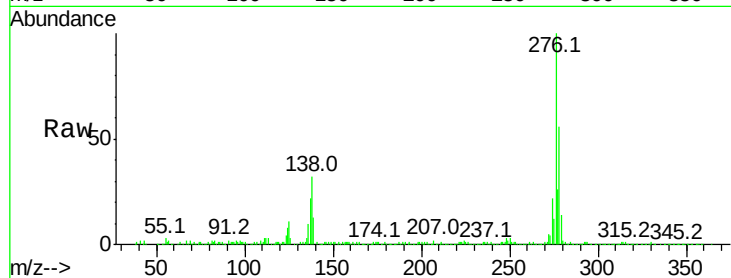




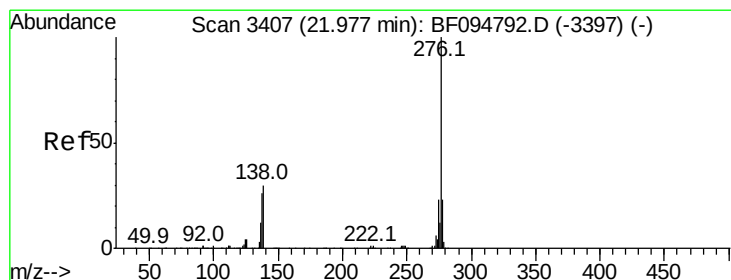
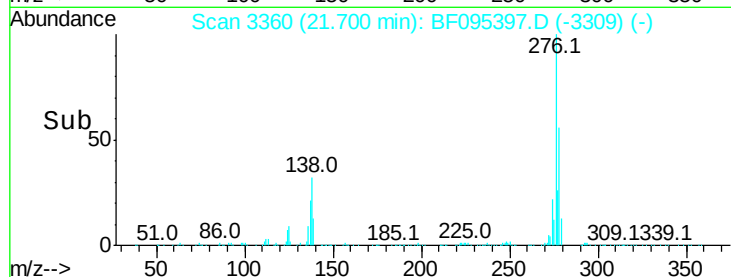
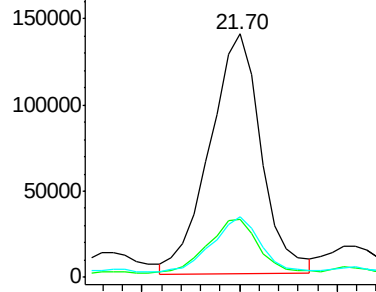
#90
Dibenzo(a,h)anthracene
Concen: 46.92 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 255725
Ion Ratio Lower Upper
278 100
139 23.9 16.6 24.8
279 24.7 19.3 28.9

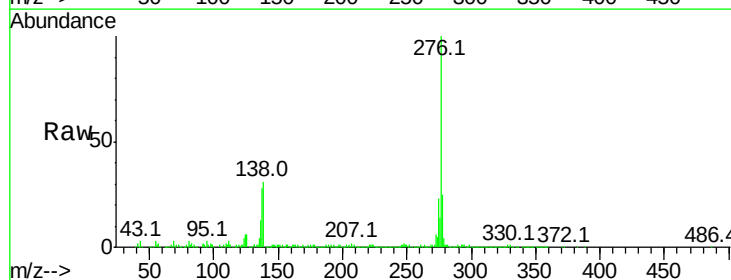


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 85.92 ng
RT: 22.09 min Scan# 3426
Delta R.T. 0.01 min
Lab File: BF095397.D
Acq: 24 May 2017 19:31

Tgt Ion:276 Resp: 459562
Ion Ratio Lower Upper
276 100
277 24.8 18.6 28.0
138 31.2 25.4 38.0



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

