

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095392.D
 Acq On : 24 May 2017 16:51
 Operator : SJ/MA
 Sample : I3281-08MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 01:03:24 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	90922	20.00	ng	-0.01
21) Naphthalene-d8	9.77	136	401860	20.00	ng	-0.02
38) Acenaphthene-d10	12.59	164	180000	20.00	ng	-0.02
63) Phenanthrene-d10	15.00	188	306168	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	180589	20.00	ng	-0.02
86) Perylene-d12	20.35	264	172921	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	628305	115.21	ng	-0.01
7) Phenol-d6	7.30	99	744008	113.70	ng	-0.02
23) Nitrobenzene-d5	8.65	82	398758	62.57	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	141063	95.69	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	795212	63.59	ng	-0.02
78) Terphenyl-d14	17.32	244	534091	65.14	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.25	88	71221	26.63	ng	# 94
3) Pyridine	2.97	79	152362	24.58	ng	91
4) n-Nitrosodimethylamine	2.89	42	62238	24.09	ng	81
6) Aniline	7.27	93	236786	28.66	ng	92
8) 2-Chlorophenol	7.44	128	222151	35.79	ng	97
9) Benzaldehyde	7.10	77	64742	16.20	ng	97
10) Phenol	7.32	94	283393	41.10	ng	90
11) bis(2-Chloroethyl)ether	7.39	93	195006	34.26	ng	95
12) 1,3-Dichlorobenzene	7.65	146	224379	31.87	ng	98
13) 1,4-Dichlorobenzene	7.78	146	220814	30.92	ng	98
14) 1,2-Dichlorobenzene	8.01	146	208992	31.36	ng	96
15) Benzyl Alcohol	8.04	79	166790	39.63	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.24	45	252222	31.31	ng	96
17) 2-Methylphenol	8.25	107	167229	32.92	ng	98
18) Hexachloroethane	8.52	117	75094	31.04	ng	88
19) n-Nitroso-di-n-propylamine	8.45	70	148269	33.50	ng	95
20) 3+4-Methylphenols	8.52	107	216420	31.35	ng	# 57
22) Acetophenone	8.43	105	286681	29.73	ng	# 83
24) Nitrobenzene	8.68	77	208421	31.20	ng	91
25) Isophorone	9.08	82	376235	33.06	ng	96
26) 2-Nitrophenol	9.20	139	118250	32.81	ng	98
27) 2,4-Dimethylphenol	9.33	122	169894	29.15	ng	98
28) bis(2-Chloroethoxy)methane	9.45	93	230207	29.24	ng	99
29) 2,4-Dichlorophenol	9.63	162	176735	32.12	ng	97
30) 1,2,4-Trichlorobenzene	9.70	180	183113	31.06	ng	100
31) Naphthalene	9.80	128	643917	31.88	ng	99
32) Benzoic acid	9.70	122	5698	6.41	ng	# 49
33) 4-Chloroaniline	9.97	127	74803	9.94	ng	93
34) Hexachlorobutadiene	10.01	225	79373	25.52	ng	99
35) Caprolactam	10.57	113	24426	14.78	ng	# 80
36) 4-Chloro-3-methylphenol	10.81	107	172223	29.27	ng	87
37) 2-Methylnaphthalene	10.92	142	420060	31.69	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	164825	29.78	ng	99
40) Hexachlorocyclopentadiene	11.18	237	51933	26.68	ng	98

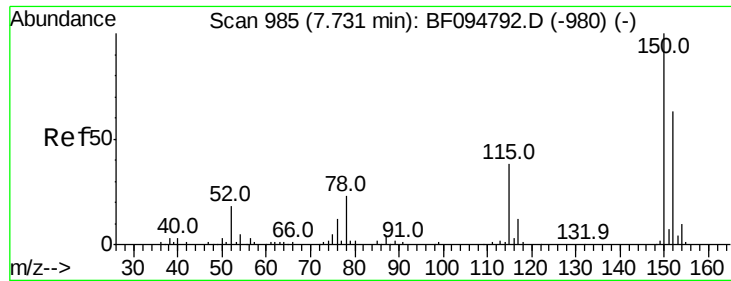
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
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 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	116891	31.63	nq	96
43) 2,4,5-Trichlorophenol	11.54	196	107538	27.07	nq	96
45) 1,1'-Biphenyl	11.69	154	450819	29.75	nq	98
46) 2-Chloronaphthalene	11.71	162	367905	30.07	nq	95
47) 2-Nitroaniline	11.94	65	101016	30.16	nq	# 83
48) Acenaphthylene	12.37	152	589381	30.75	nq	98
49) Dimethylphthalate	12.24	163	547568	37.06	nq	99
50) 2,6-Dinitrotoluene	12.34	165	90277	29.95	nq	# 90
51) Acenaphthene	12.65	154	363477	31.75	nq	98
52) 3-Nitroaniline	12.62	138	71799	22.19	nq	88
53) 2,4-Dinitrophenol	12.87	184	23903	19.52	nq	# 83
54) Dibenzofuran	12.94	168	560308	35.37	nq	97
55) 4-Nitrophenol	13.04	139	82623	42.51	nq	# 75
56) 2,4-Dinitrotoluene	13.02	165	130371	33.65	nq	94
57) Fluorene	13.49	166	431871	31.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	83809	33.52	nq	# 91
59) Diethylphthalate	13.38	149	425082	30.01	nq	99
60) 4-Chlorophenyl-phenylether	13.51	204	178302	29.45	nq	92
61) 4-Nitroaniline	13.62	138	78915	26.57	nq	93
62) Azobenzene	13.77	77	385853	33.90	nq	94
64) 4,6-Dinitro-2-methylphenol	13.69	198	41260	20.10	nq	# 75
65) n-Nitrosodiphenylamine	13.72	169	354116	31.87	nq	98
66) 4-Bromophenyl-phenylether	14.30	248	99177	30.66	nq	97
67) Hexachlorobenzene	14.39	284	99011	29.87	nq	# 90
68) Atrazine	14.64	200	109279	34.83	nq	97
69) Pentachlorophenol	14.75	266	57372	41.34	nq	98
70) Phenanthrene	15.04	178	750847	42.68	nq	98
71) Anthracene	15.12	178	617141	34.34	nq	99
72) Carbazole	15.41	167	529068	32.36	nq	97
73) Di-n-butylphthalate	15.97	149	653387	32.05	nq	98
74) Fluoranthene	16.78	202	708817	39.28	nq	98
76) Benzidine	17.02	184	63949	17.88	nq	97
77) Pyrene	17.09	202	680917	50.42	nq	98
79) Butylbenzylphthalate	17.98	149	233033	37.09	nq	93
80) Benzo(a)anthracene	18.67	228	383844	36.52	nq	99
81) 3,3'-Dichlorobenzidine	18.65	252	72934	20.09	nq	# 94
82) Chrysene	18.71	228	352066	34.64	nq	97
83) Bis(2-ethylhexyl)phthalate	18.72	149	299427	33.45	nq	# 99
84) Di-n-octyl phthalate	19.49	149	439204	29.93	nq	95
85) Indeno(1,2,3-cd)pyrene	21.68	276	384344	46.57	nq	99
87) Benzo(b)fluoranthene	19.94	252	352580	33.00	nq	98
88) Benzo(k)fluoranthene	19.97	252	314416	30.51	nq	96
89) Benzo(a)pyrene	20.29	252	324539	32.92	nq	99
90) Dibenzo(a,h)anthracene	21.68	278	308292	37.86	nq	95
91) Benzo(g,h,i)perylene	22.06	276	334736	41.89	nq	98

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

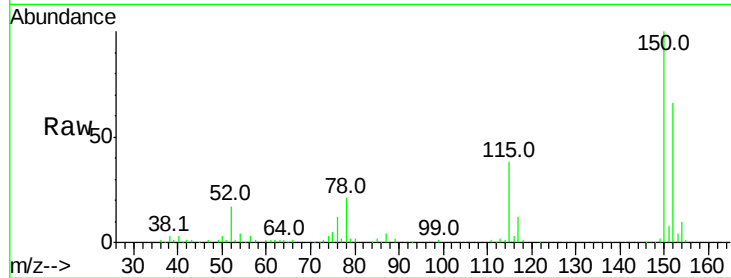


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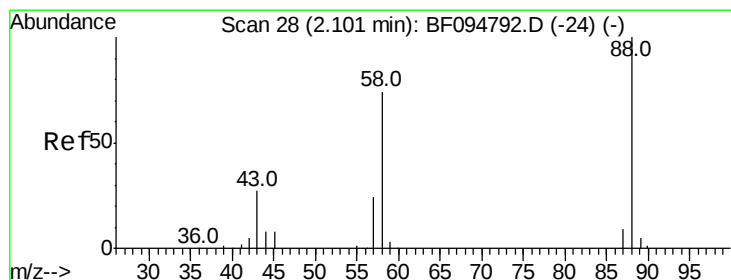
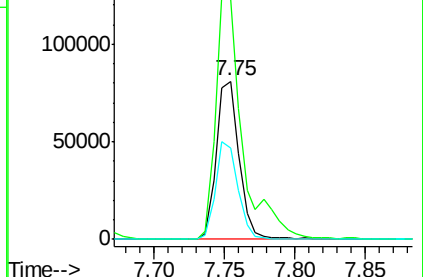
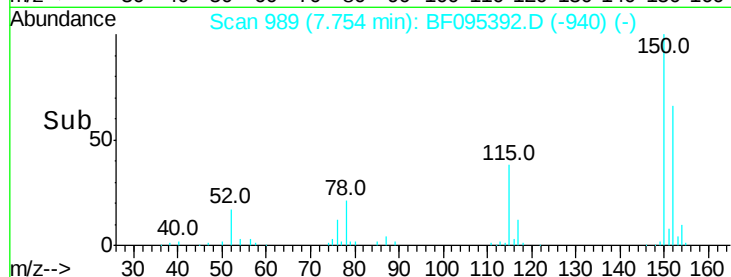
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90922
Ion Ratio Lower Upper
152 100
150 152.1 126.2 189.2
115 58.1 52.2 78.2



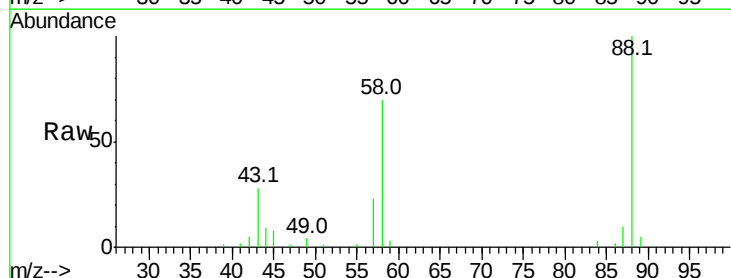
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



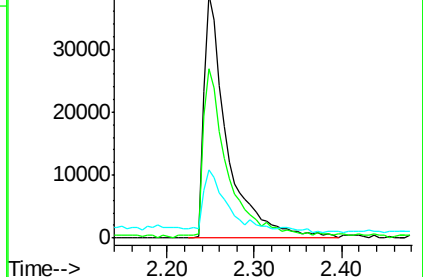
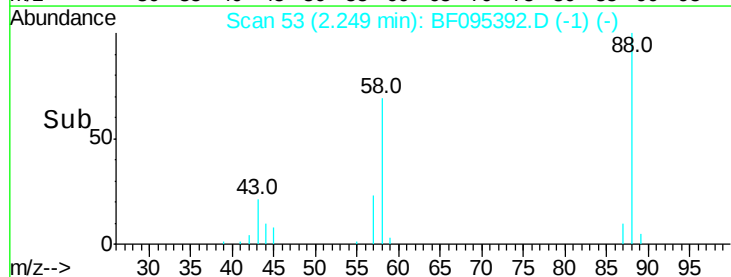
#2

1,4-Dioxane
Concen: 26.63 ng
RT: 2.25 min Scan# 53
Delta R.T. 0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion: 88 Resp: 71221
Ion Ratio Lower Upper
88 100
58 73.8 61.4 92.0
43 22.4 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: 24.58 ng

RT: 2.97 min Scan# 176

Delta R.T. 0.05 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampled :

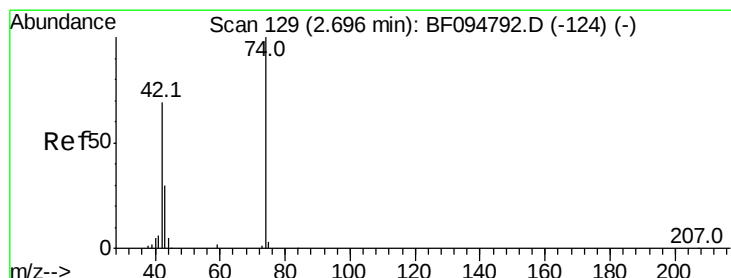
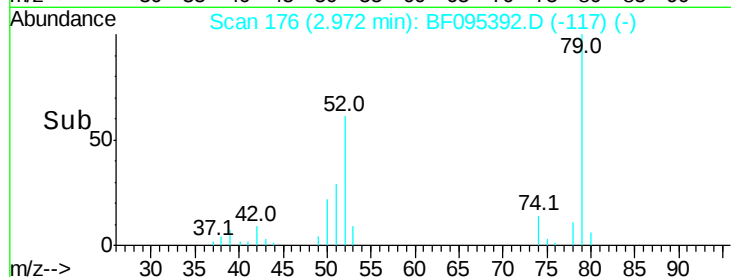
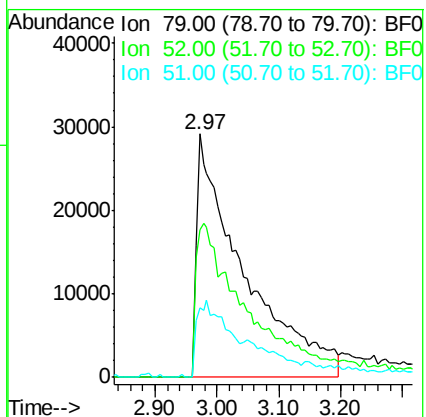
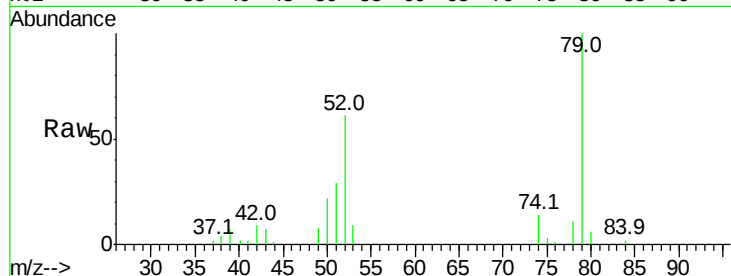
Tot Ion: 79 Resp: 152362

Ion Ratio Lower Upper

79 100

52 60.8 54.8 82.2

51 28.7 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 24.09 ng

RT: 2.89 min Scan# 162

Delta R.T. 0.04 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

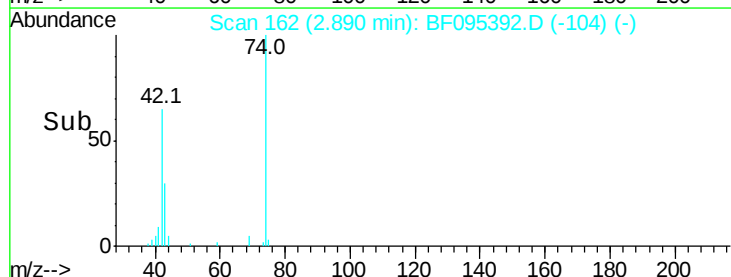
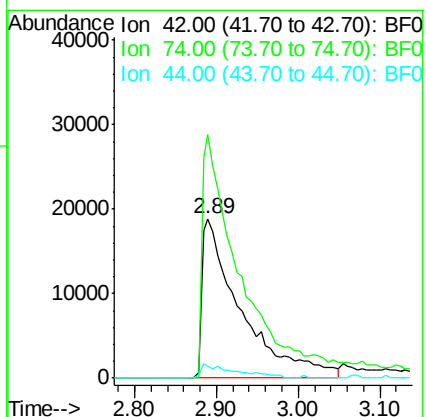
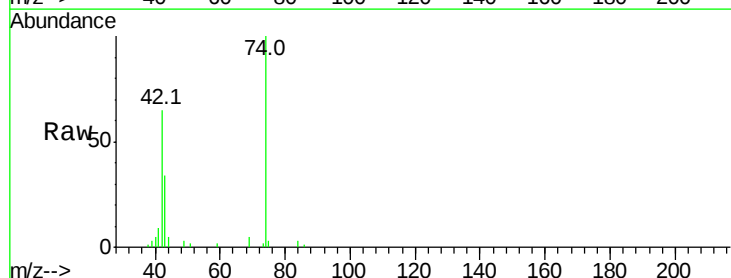
Tgt Ion: 42 Resp: 62238

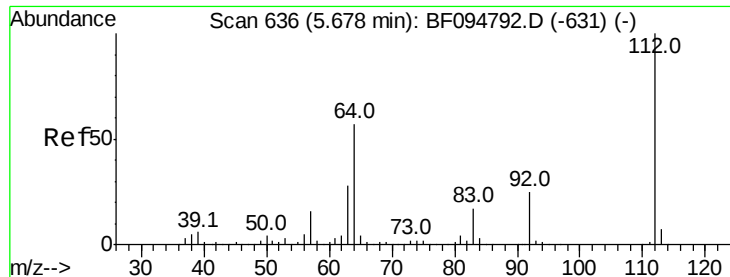
Ion Ratio Lower Upper

42 100

74 152.8 103.9 155.9

44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 115.21 ng

RT: 5.72 min Scan# 644

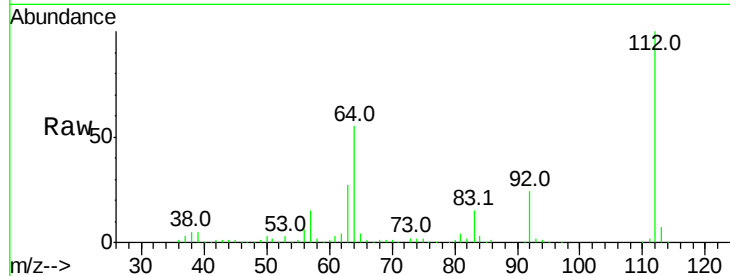
Delta R.T. -0.01 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :

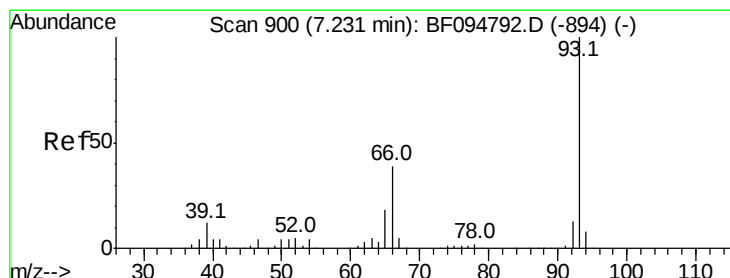
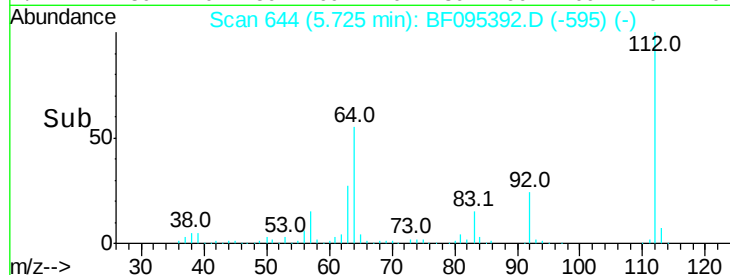
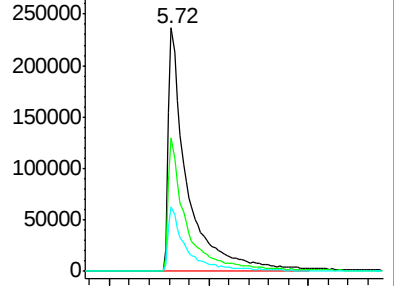
Tot Ion:	112	Resp:	628305
Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.0	69.0
63	26.6	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.66 ng

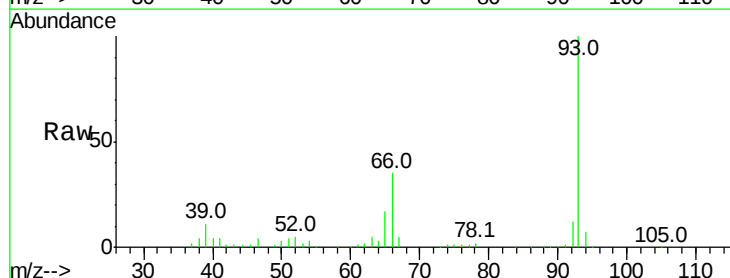
RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

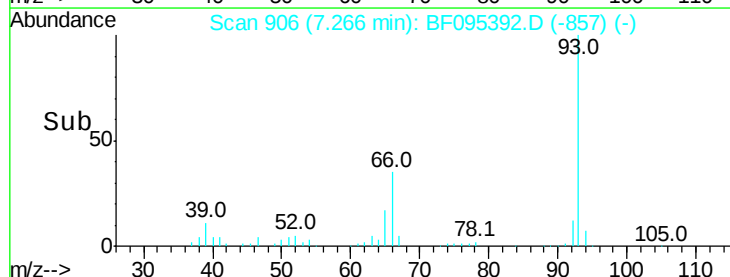
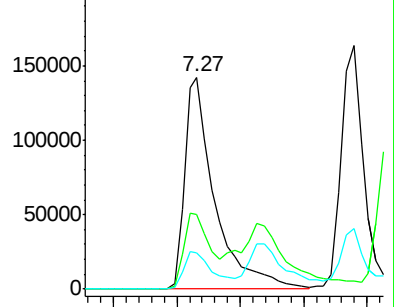
Tgt Ion:	93	Resp:	236786
Ion	Ratio	Lower	Upper
93	100		
66	35.1	32.9	49.3
65	17.3	16.0	24.0

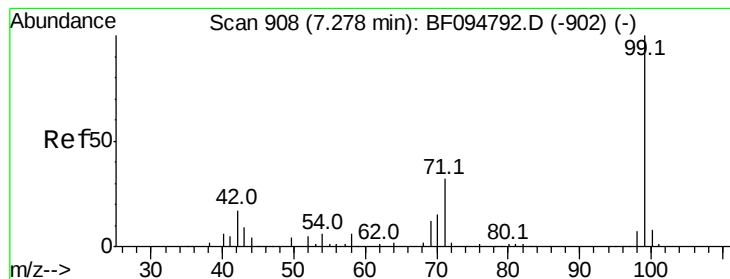


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.70 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampled :

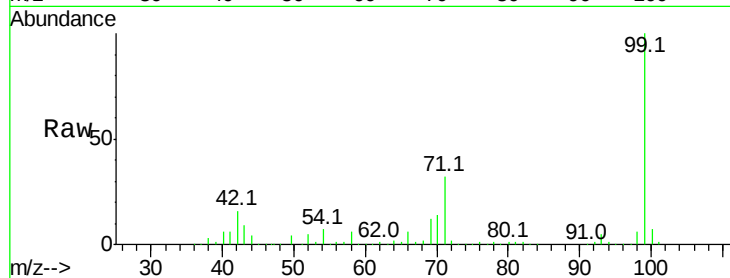
Tot Ion: 99 Resp: 744008

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

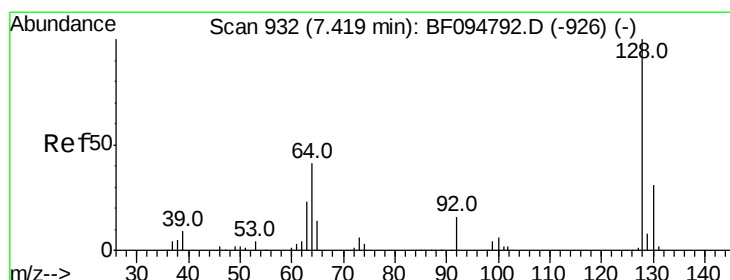
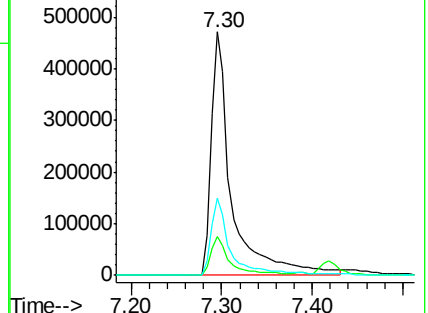
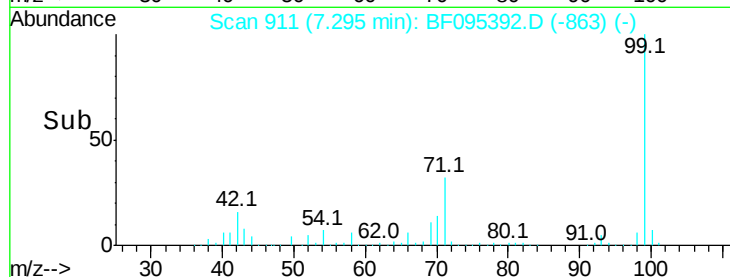
71 32.0 24.5 36.7



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: 35.79 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

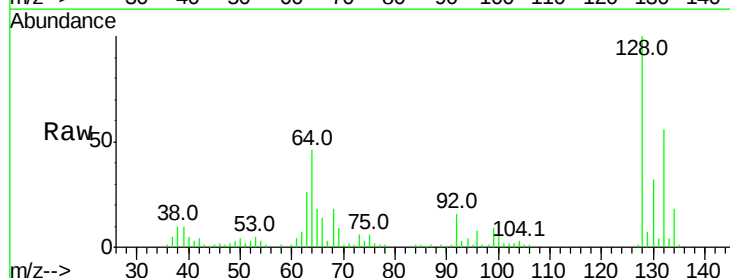
Tgt Ion:128 Resp: 222151

Ion Ratio Lower Upper

128 100

130 31.7 12.9 52.9

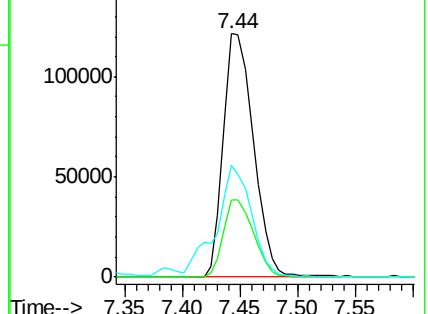
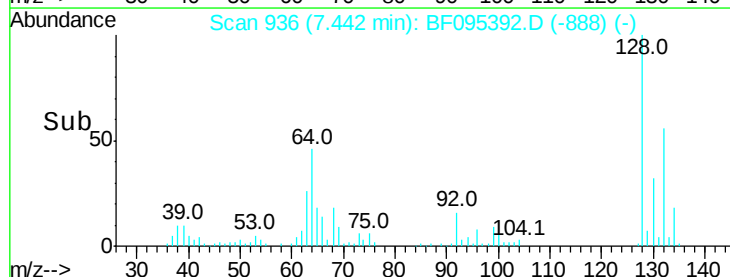
64 45.7 28.4 68.4

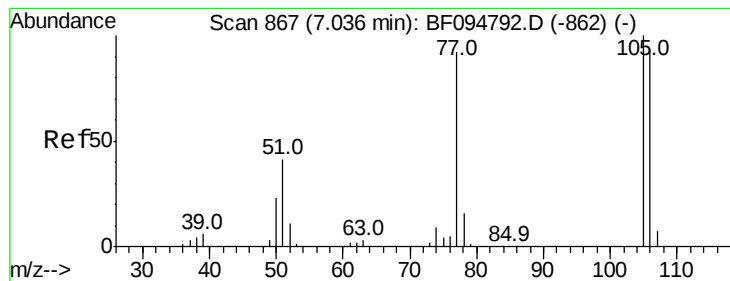


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.20 ng

RT: 7.10 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampleId :

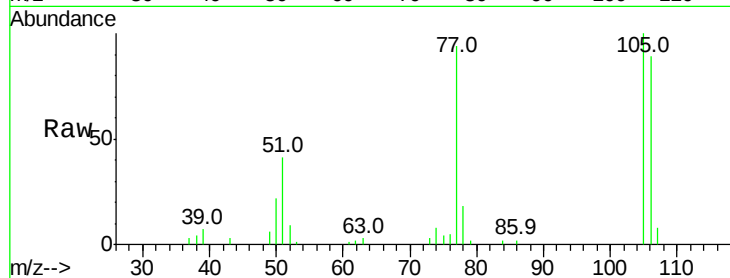
Tot Ion: 77 Resp: 64742

Ion Ratio Lower Upper

77 100

105 106.0 83.8 123.8

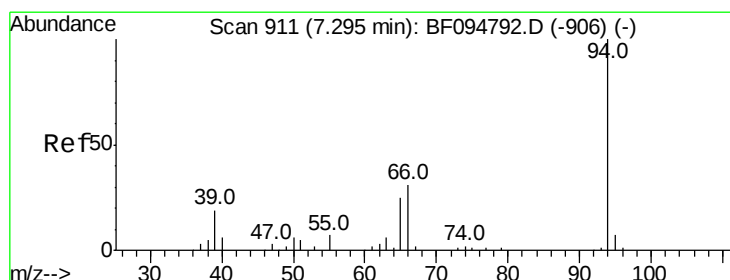
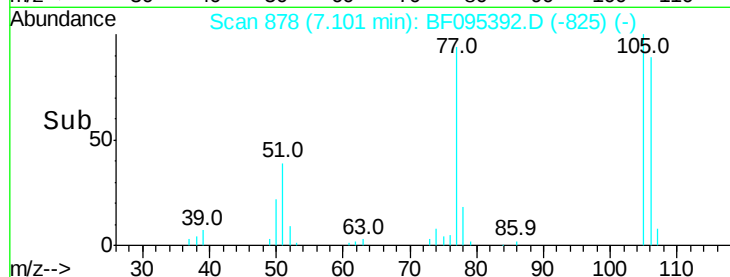
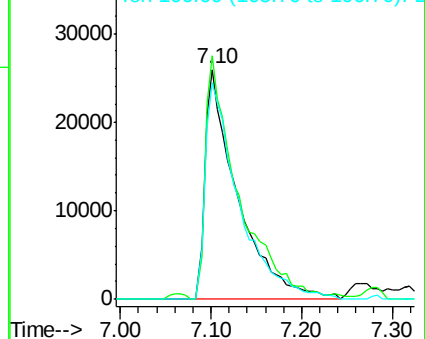
106 94.5 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.10 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

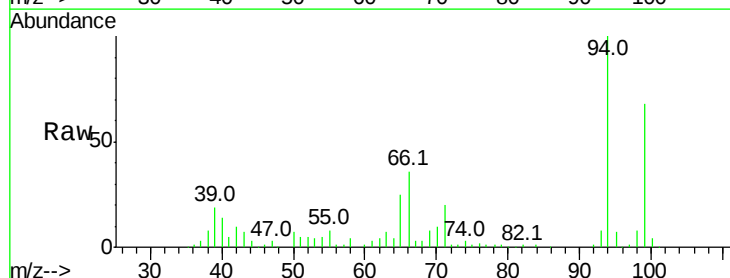
Tgt Ion: 94 Resp: 283393

Ion Ratio Lower Upper

94 100

65 25.4 9.9 49.9

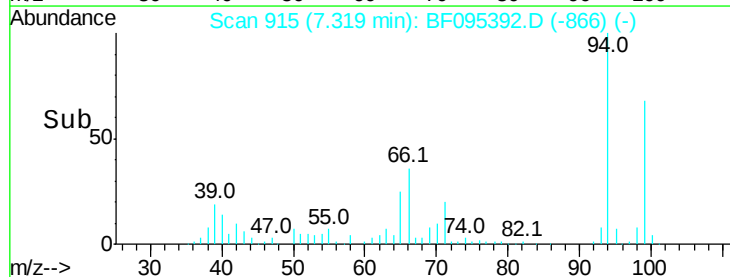
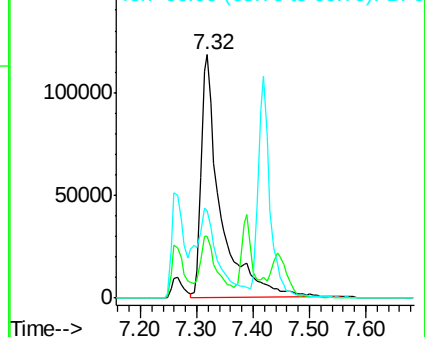
66 36.1 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

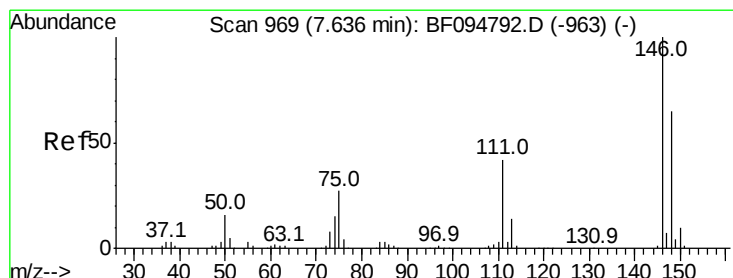
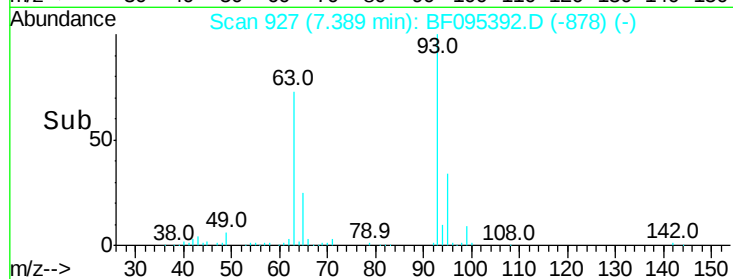
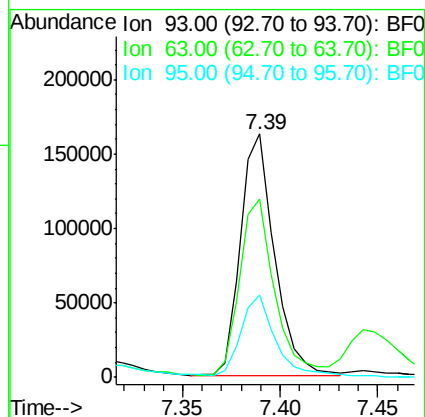
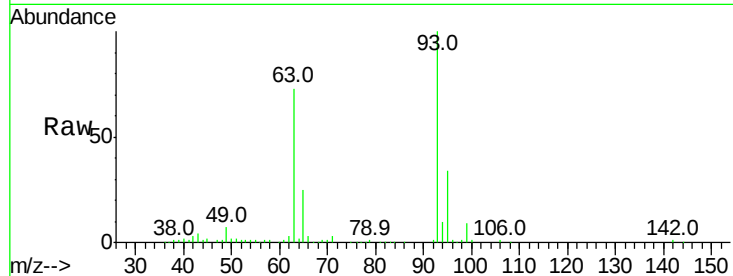




#11
bis(2-Chloroethyl)ether
Concen: 34.26 ng
RT: 7.39 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

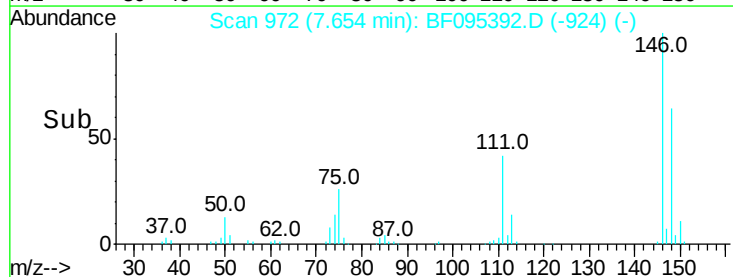
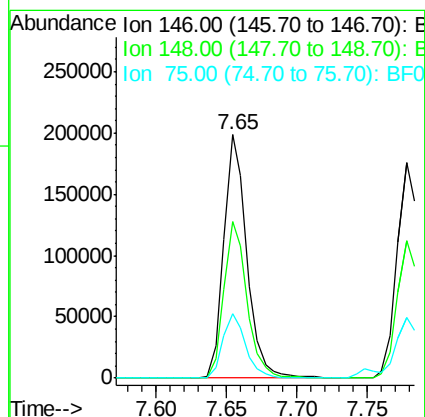
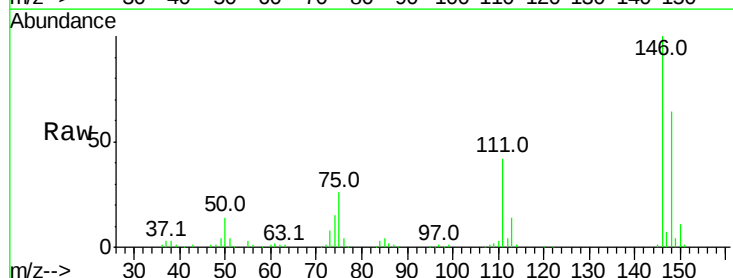
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 195006
Ion Ratio Lower Upper
93 100
63 73.4 59.2 99.2
95 33.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 31.87 ng
RT: 7.65 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion: 146 Resp: 224379
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
75 26.3 23.1 34.7

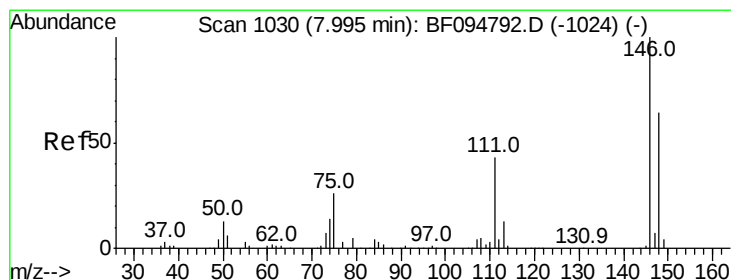
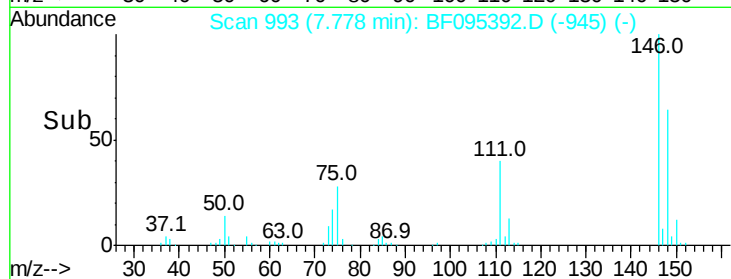
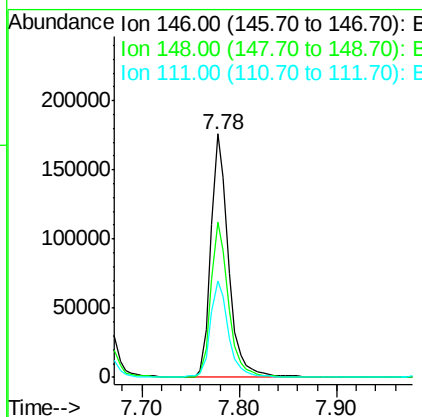
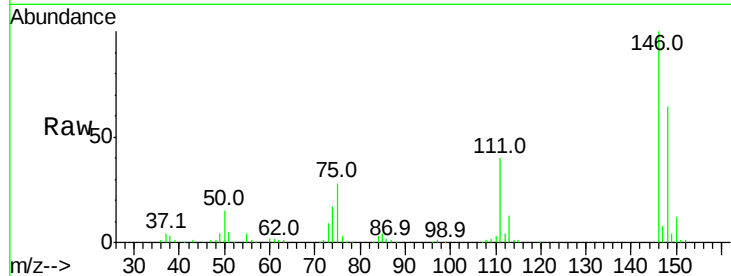




#13
 1,4-Dichlorobenzene
 Concen: 30.92 ng
 RT: 7.78 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

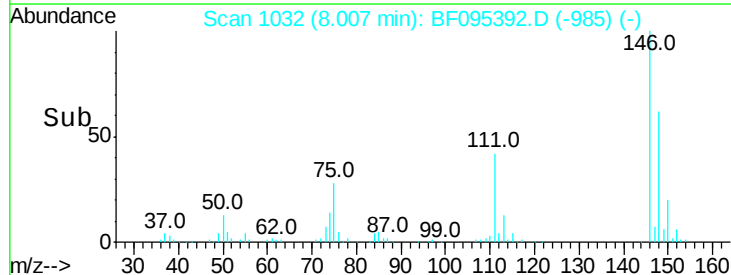
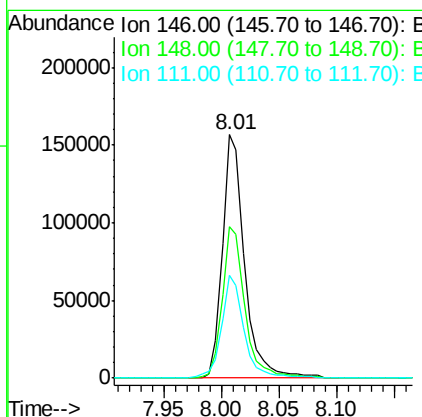
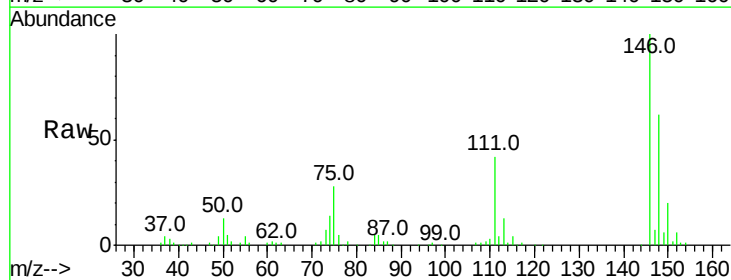
Instrument :
 BNA_F
 ClientSampleId :

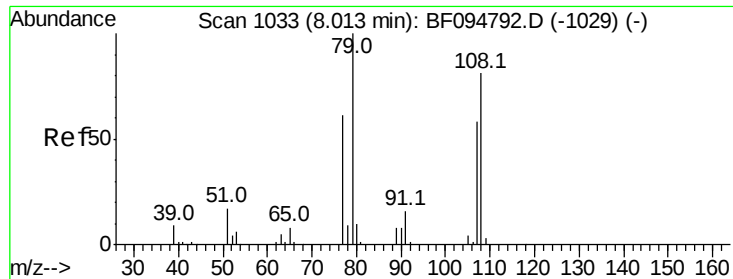
Tot Ion:146 Resp: 220814
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 39.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 31.36 ng
 RT: 8.01 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion:146 Resp: 208992
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.4 75.6
 111 42.1 38.2 57.4

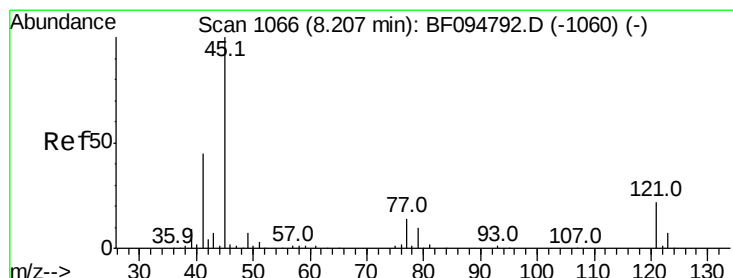
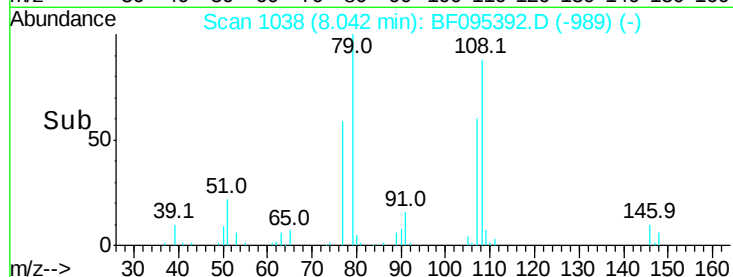
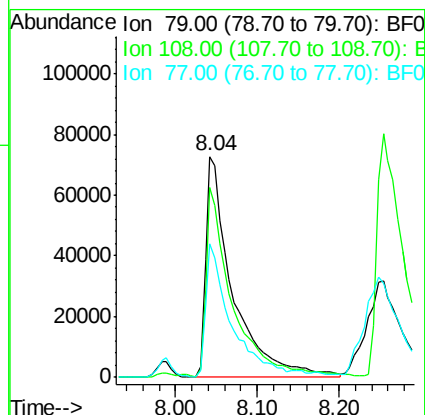
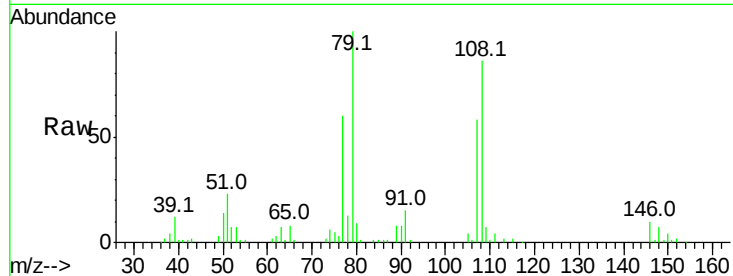




#15
Benzyl Alcohol
Concen: 39.63 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

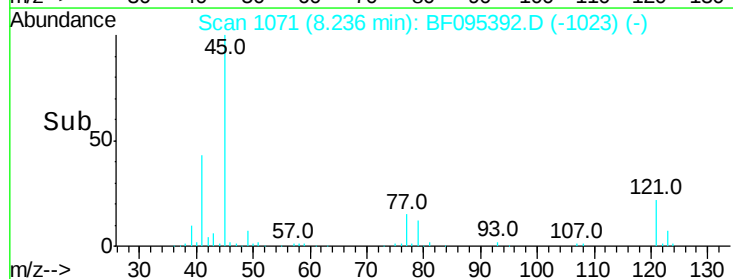
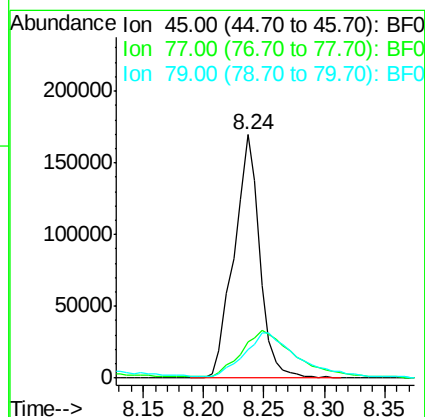
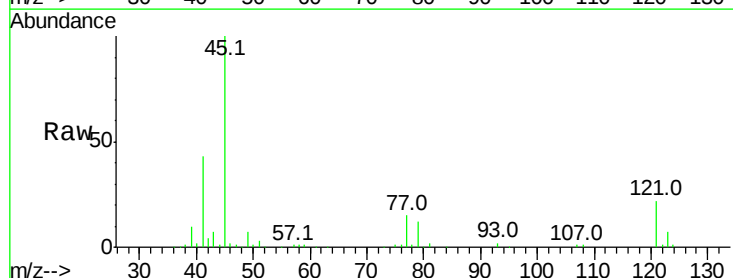
Instrument :
BNA_F
ClientSampleId :

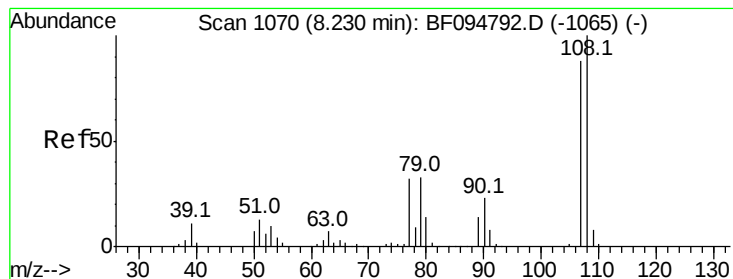
Tot Ion: 79 Resp: 166790
Ion Ratio Lower Upper
79 100
108 85.8 63.4 95.0
77 60.4 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.31 ng
RT: 8.24 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion: 45 Resp: 252222
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.2
79 11.7 0.0 30.0





#17

2-Methylphenol

Concen: 32.92 ng

RT: 8.25 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 167229

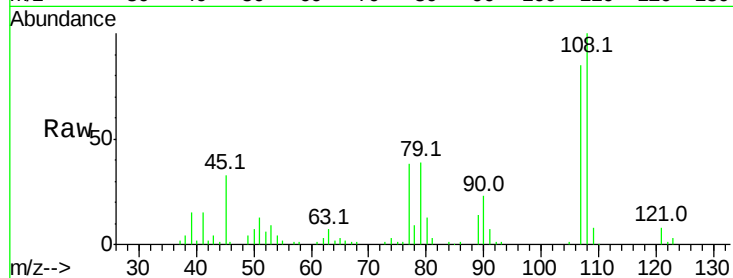
Ion Ratio Lower Upper

107 100

108 117.7 93.4 140.0

77 45.1 35.8 53.6

79 46.3 34.8 52.2

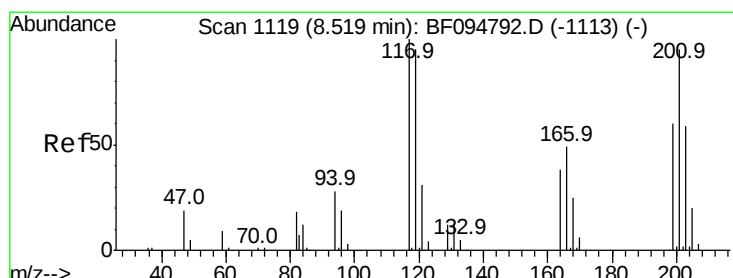
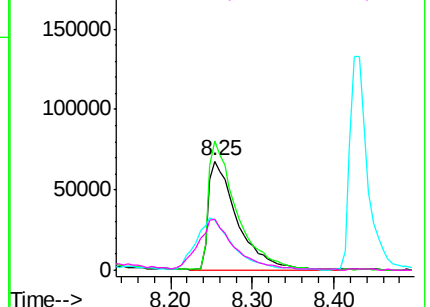
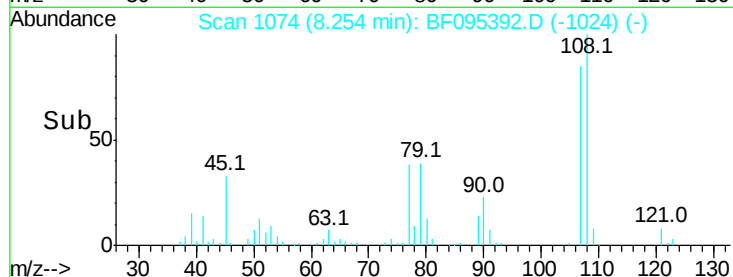


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 31.04 ng

RT: 8.52 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

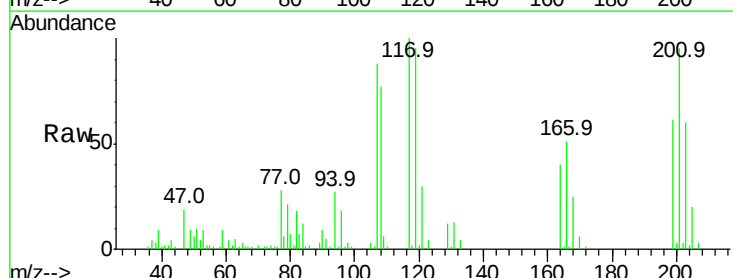
Tgt Ion:117 Resp: 75094

Ion Ratio Lower Upper

117 100

119 94.8 77.4 116.0

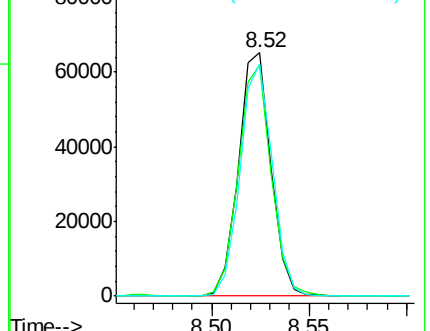
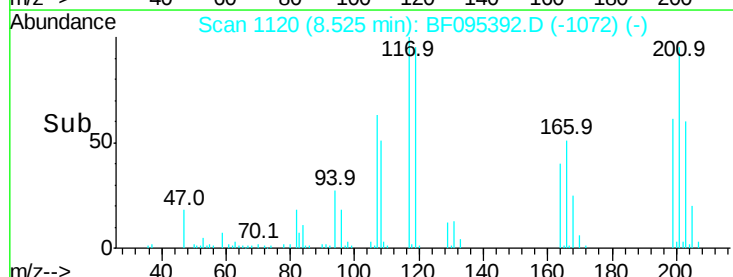
201 95.1 94.6 141.8

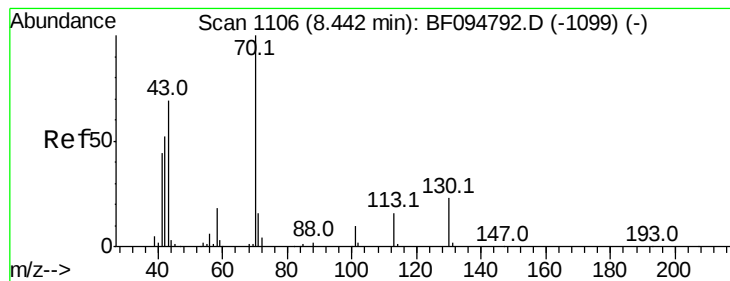


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.50 ng

RT: 8.45 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 148269

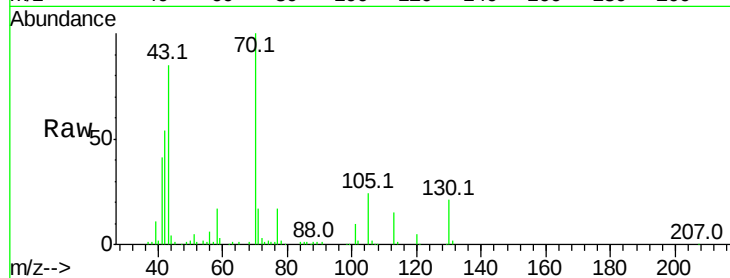
Ion Ratio Lower Upper

70 100

42 54.5 47.2 70.8

101 9.6 7.2 10.8

130 20.7 15.9 23.9

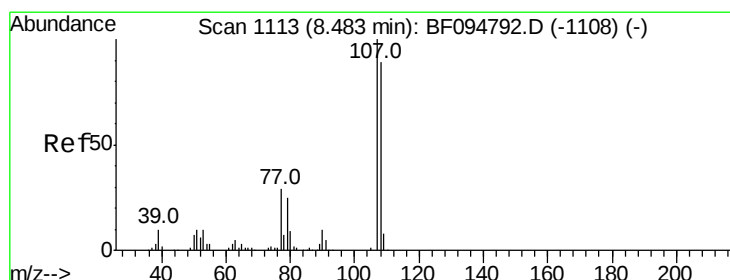
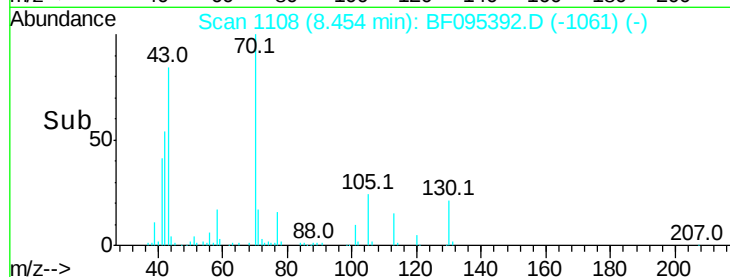
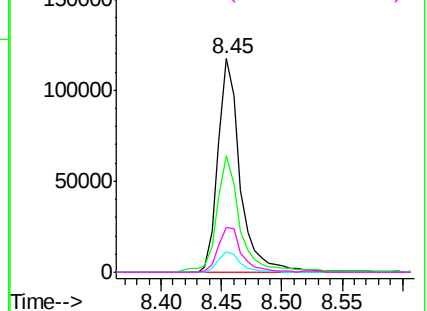


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 31.35 ng

RT: 8.52 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Tgt Ion: 107 Resp: 216420

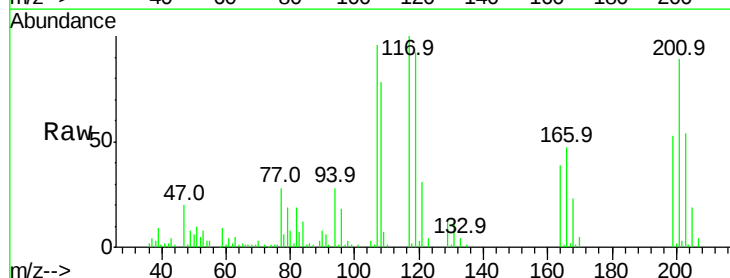
Ion Ratio Lower Upper

107 100

108 81.5 71.0 111.0

77 29.1 90.5 130.5#

79 20.1 8.4 48.4

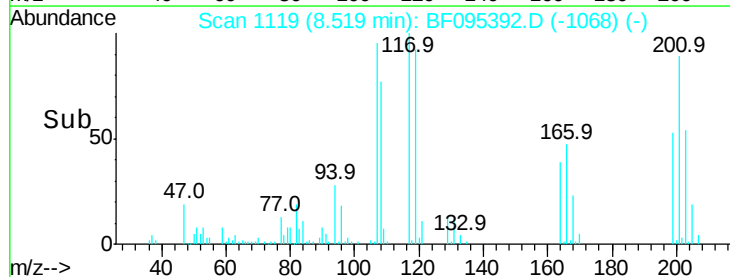
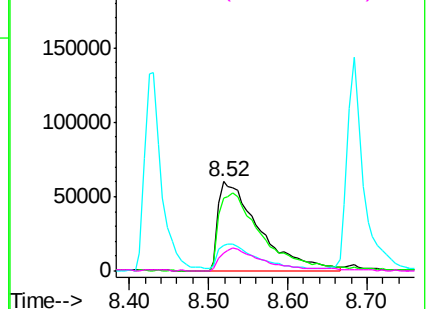


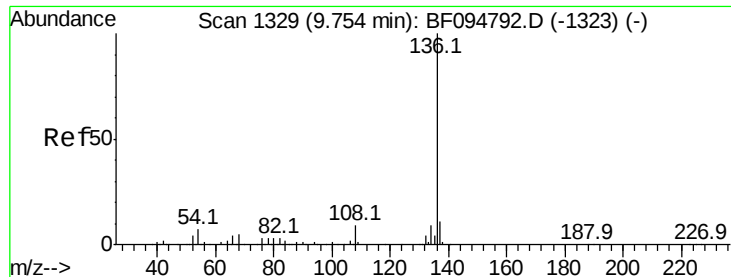
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

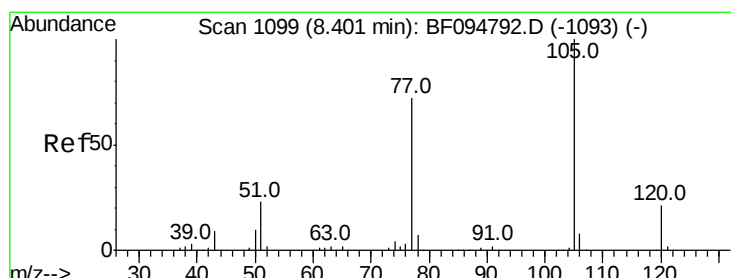
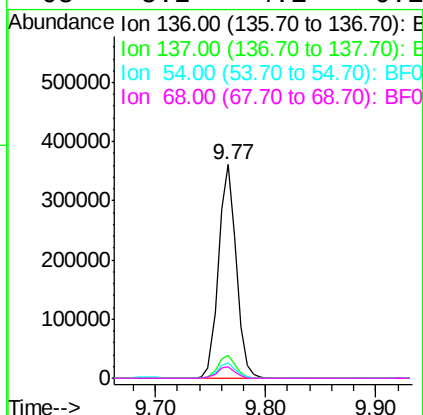
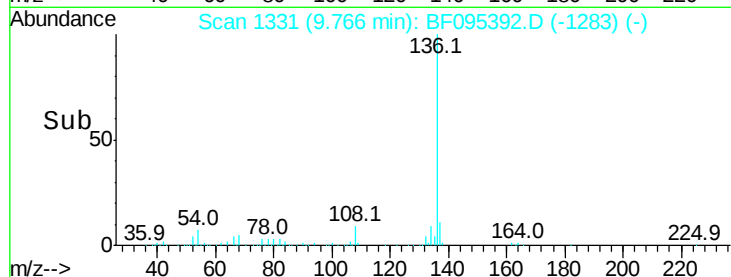
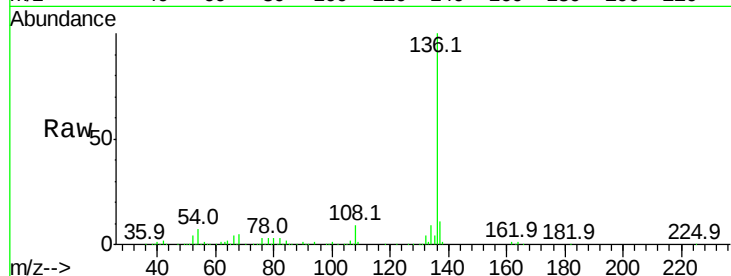




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

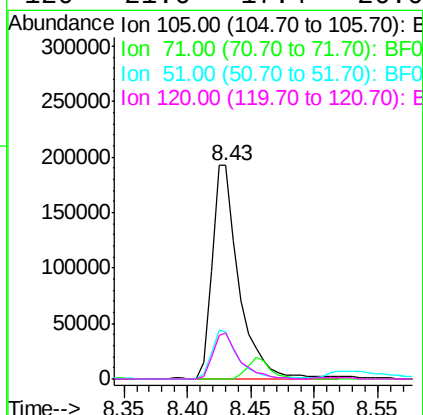
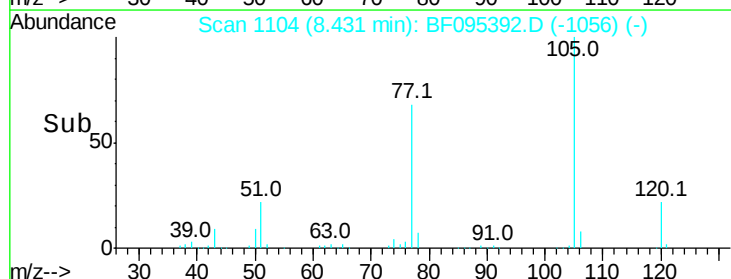
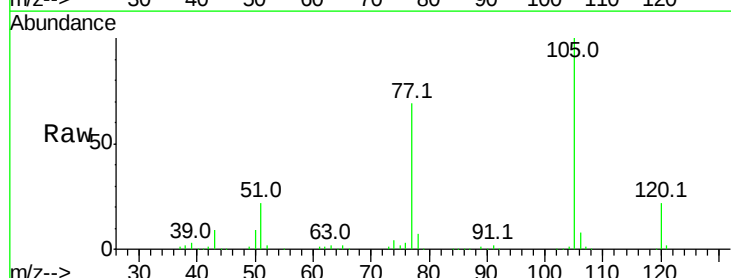
Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	401860
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	6.9	4.9 7.3
68	5.2	4.1 6.1



#22
Acetophenone
Concen: 29.73 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion:105	Resp:	286681
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	22.1	30.7 46.1#
120	21.6	17.4 26.0

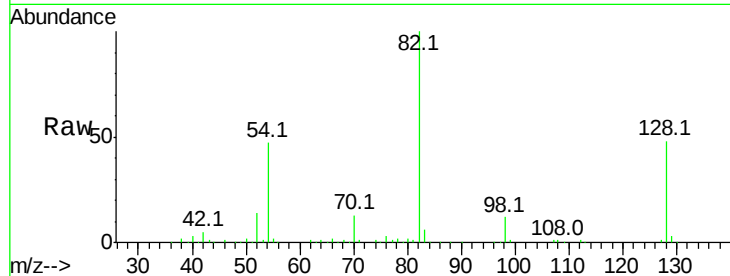




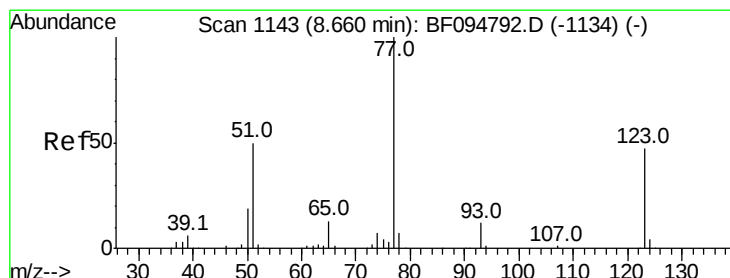
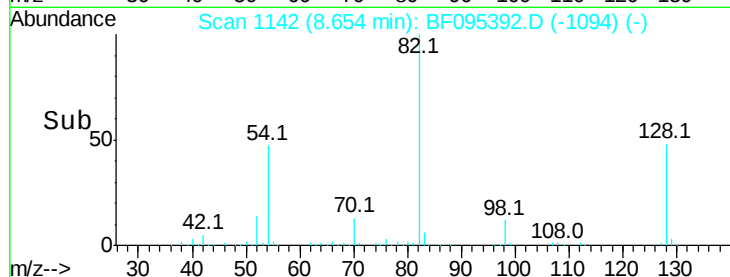
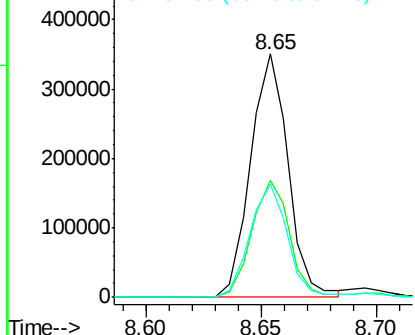
#23
 Nitrobenzene-d5
 Concen: 62.57 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 398758
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.0 51.0
 54 46.6 42.2 63.2

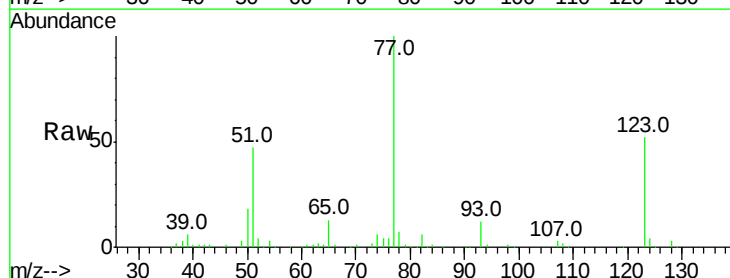


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

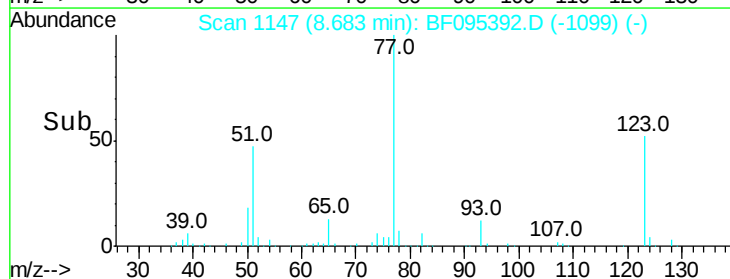
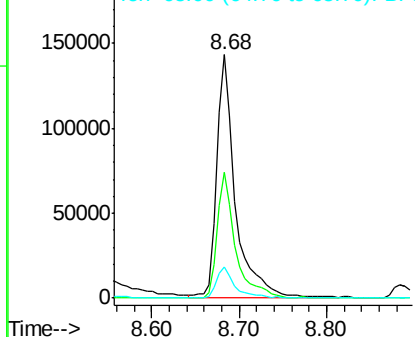


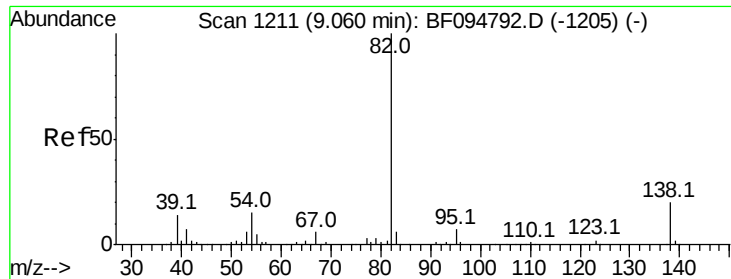
#24
 Nitrobenzene
 Concen: 31.20 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion: 77 Resp: 208421
 Ion Ratio Lower Upper
 77 100
 123 51.7 35.8 53.8
 65 12.6 10.6 15.8



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





#25

Isophorone

Concen: 33.06 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampleId :

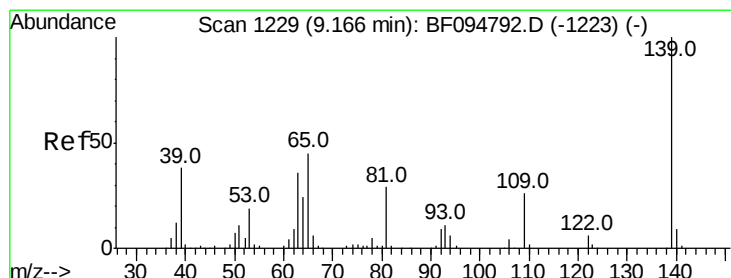
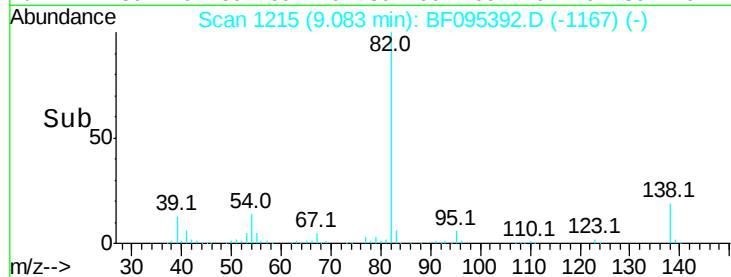
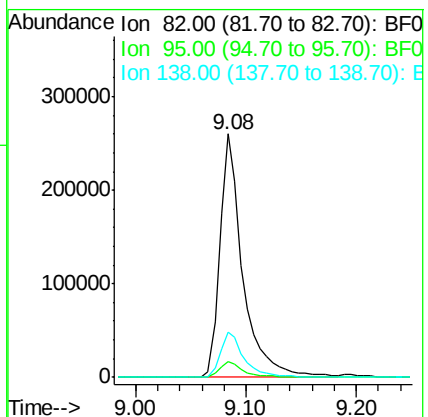
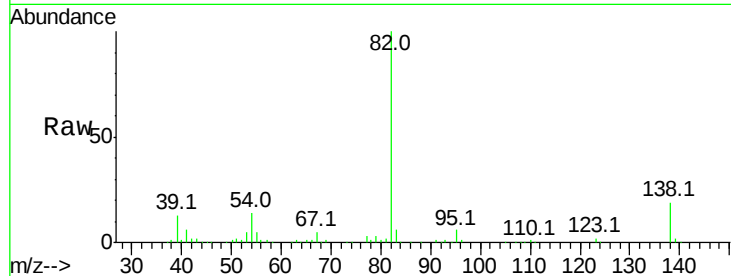
Tot Ion: 82 Resp: 376235

Ion Ratio Lower Upper

82 100

95 6.3 5.3 7.9

138 18.8 13.1 19.7



#26

2-Nitrophenol

Concen: 32.81 ng

RT: 9.20 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

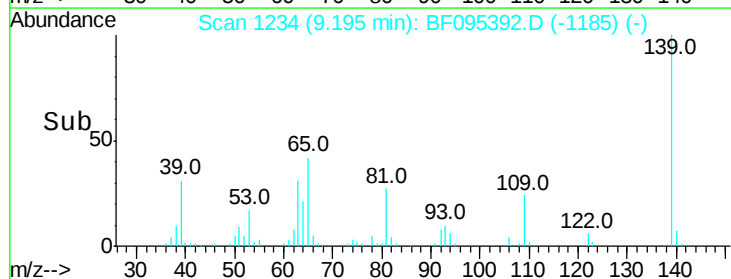
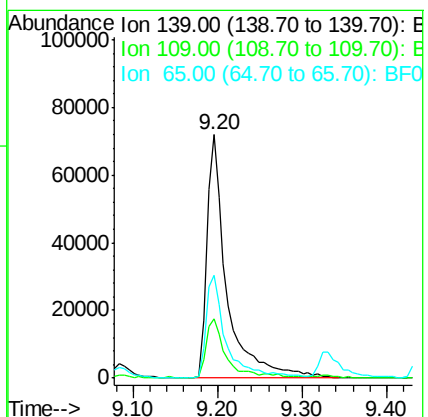
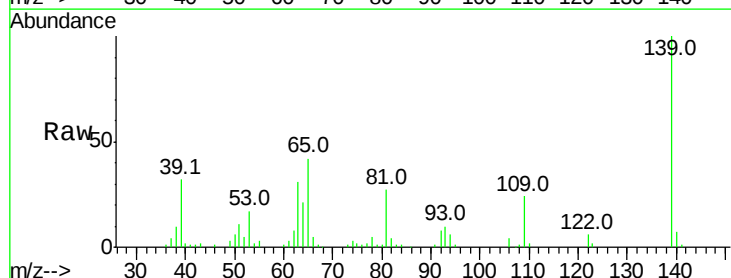
Tgt Ion: 139 Resp: 118250

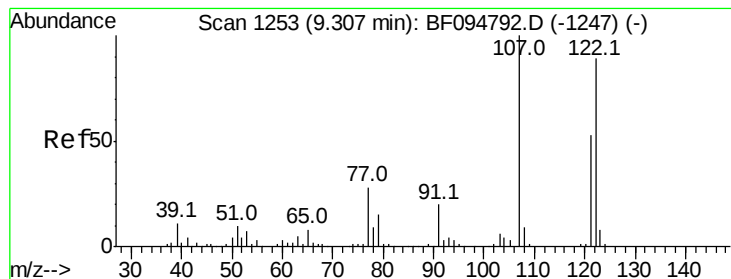
Ion Ratio Lower Upper

139 100

109 24.4 21.0 31.6

65 42.3 33.0 49.6

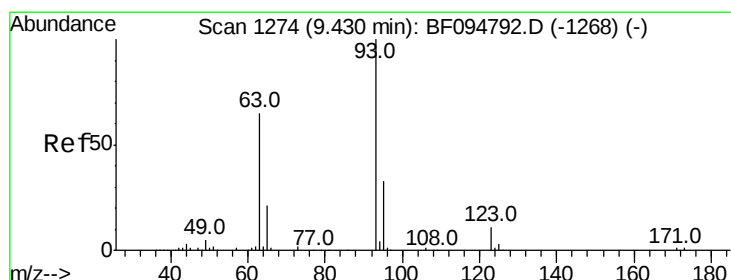
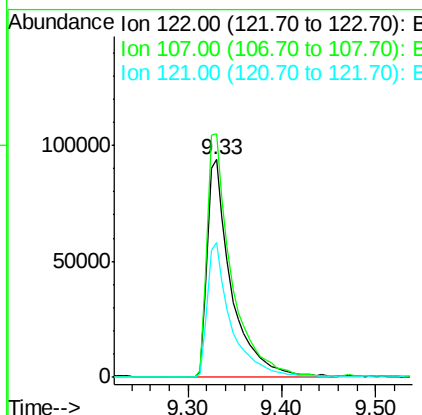
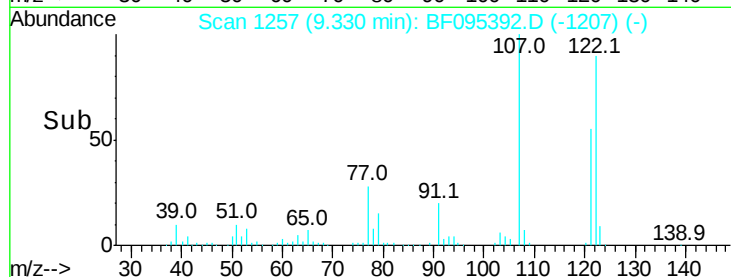
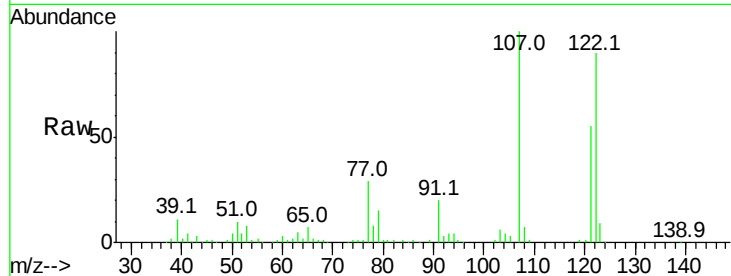




#27
 2,4-Dimethylphenol
 Concen: 29.15 ng
 RT: 9.33 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

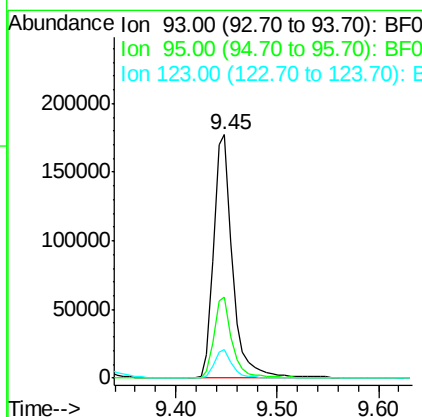
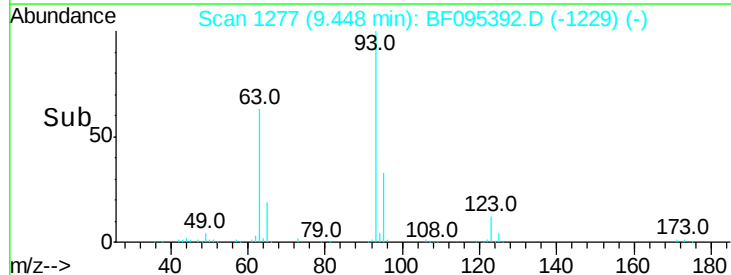
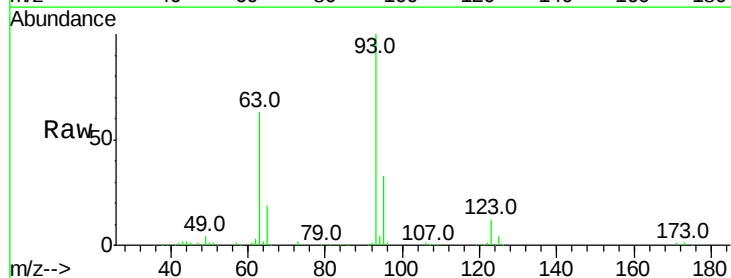
Instrument :
 BNA_F
 ClientSampleID :

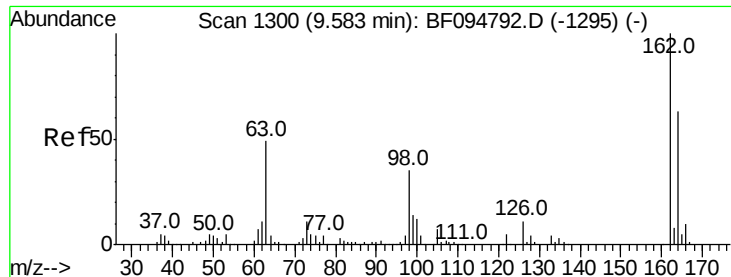
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	89.2	133.8
121	61.7	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.24 ng
 RT: 9.45 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.5	39.7
123	11.7	9.0	13.4

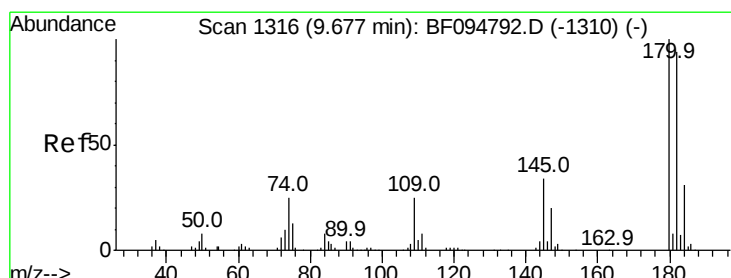
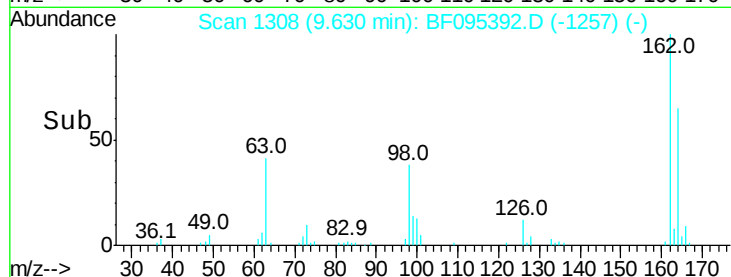
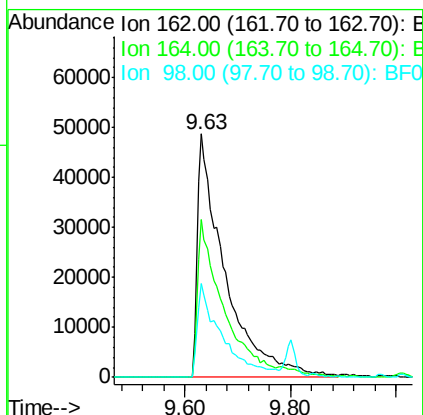
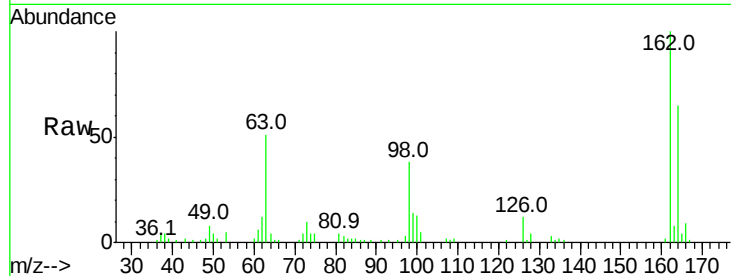




#29
 2,4-Dichlorophenol
 Concen: 32.12 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

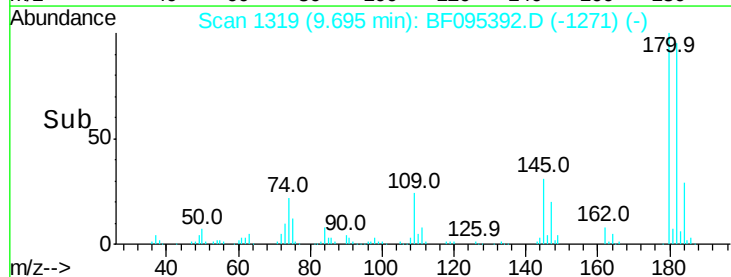
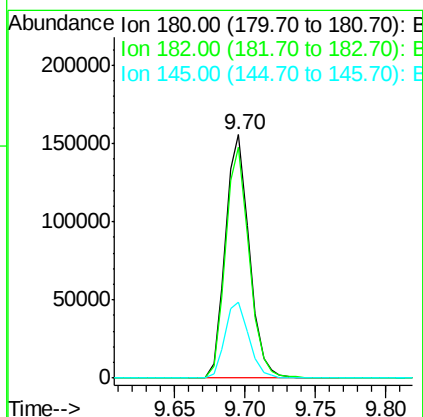
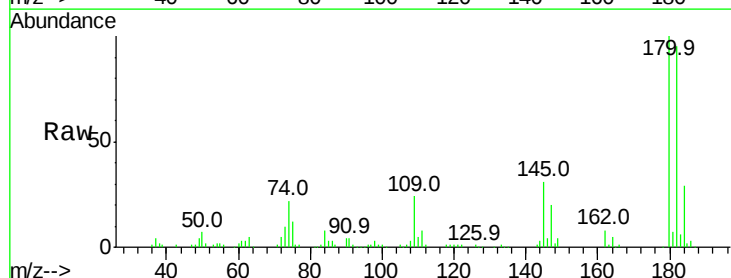
Instrument :
 BNA_F
 ClientSampleId :

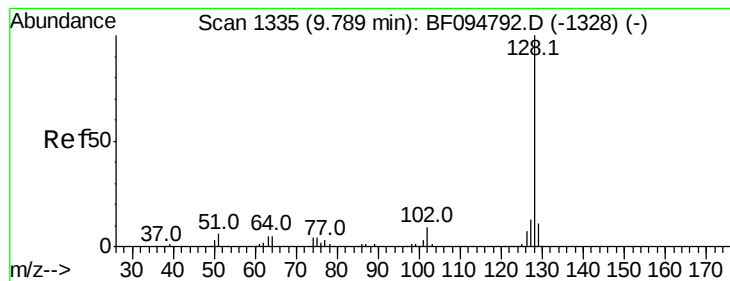
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.6	84.6
98	38.4	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 31.06 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.6
145	31.2	25.3	37.9





#31

Naphthalene

Concen: 31.88 ng

RT: 9.80 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampleId :

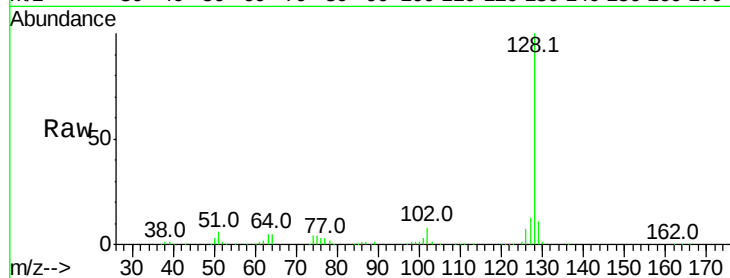
Tot Ion:128 Resp: 643917

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

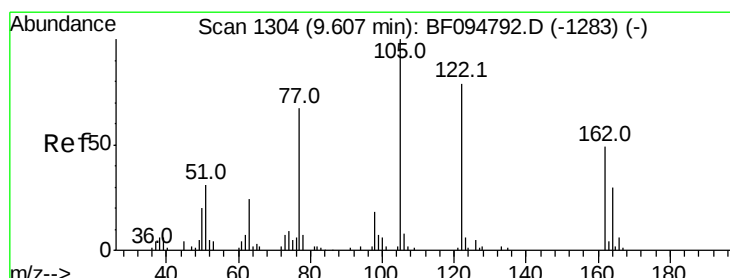
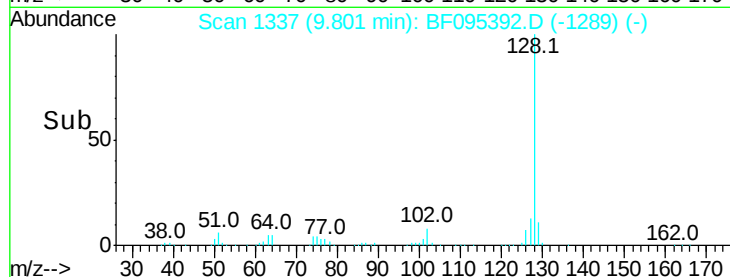
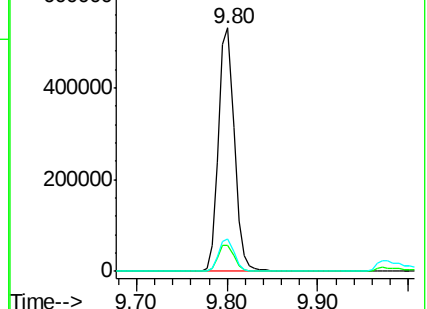
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.41 ng

RT: 9.70 min Scan# 1319

Delta R.T. 0.03 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

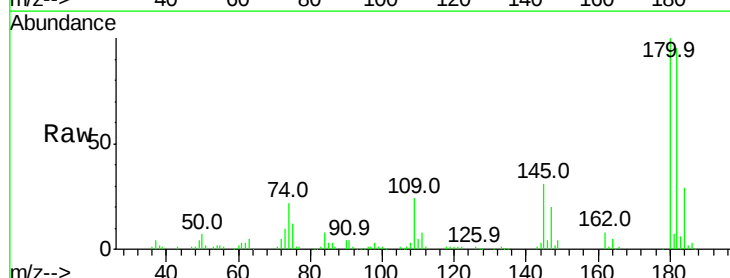
Tgt Ion:122 Resp: 5698

Ion Ratio Lower Upper

122 100

105 48.3 103.3 143.3#

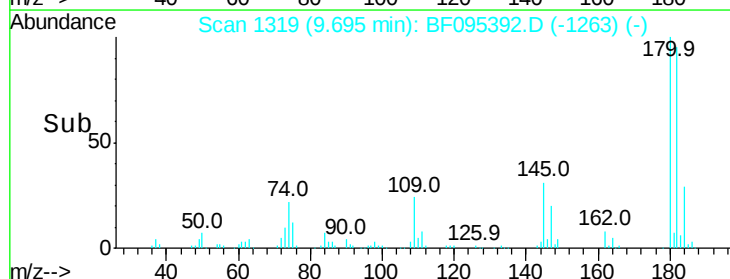
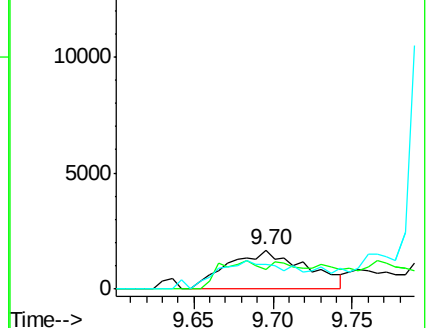
77 64.2 73.7 113.7#

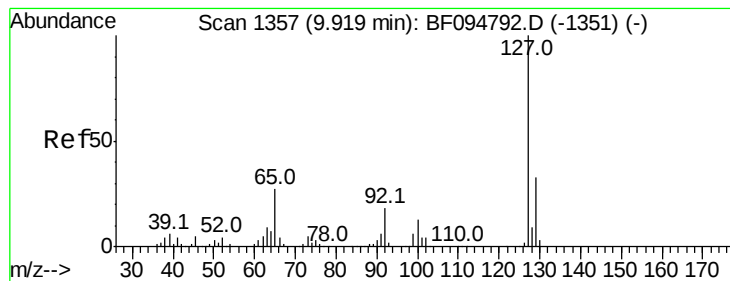


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.94 ng

RT: 9.97 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 74803

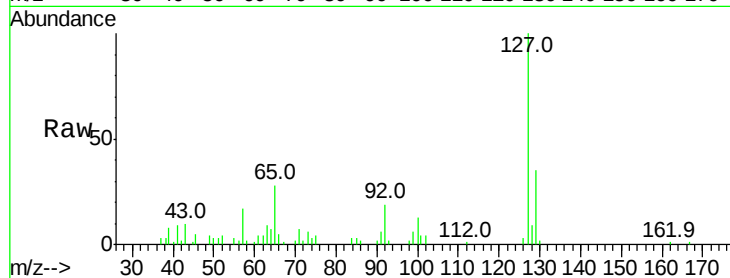
Ion Ratio Lower Upper

127 100

129 35.1 26.2 39.2

65 27.9 27.8 41.8

92 19.4 16.8 25.2

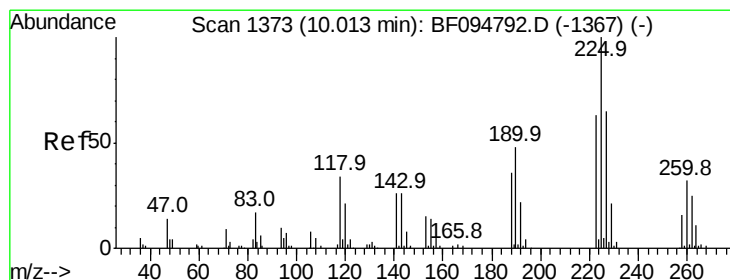
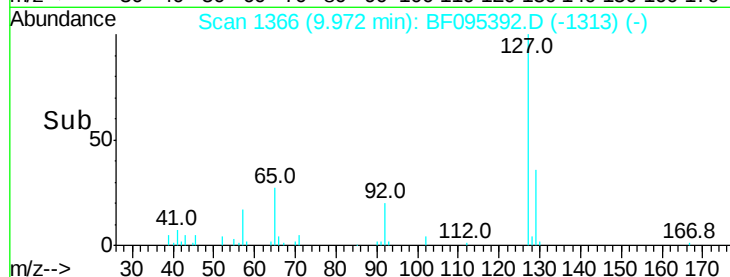
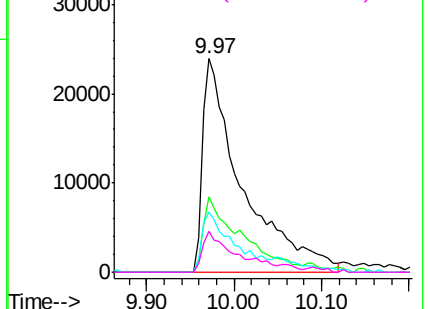


Abundance Ion 127.00 (126.70 to 127.70): E

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: 25.52 ng

RT: 10.01 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

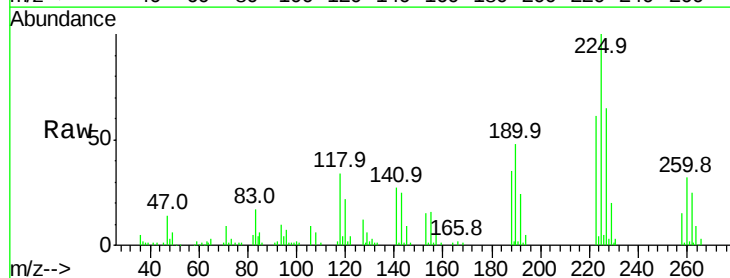
Tgt Ion:225 Resp: 79373

Ion Ratio Lower Upper

225 100

223 61.1 48.8 73.2

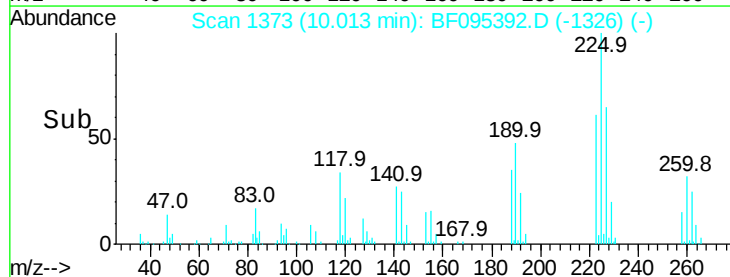
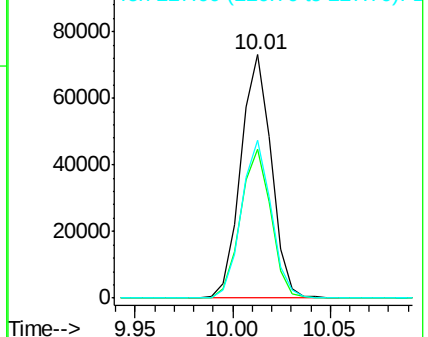
227 65.1 51.1 76.7



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: 14.78 ng

RT: 10.57 min Scan# 1467

Delta R.T. -0.03 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampleId :

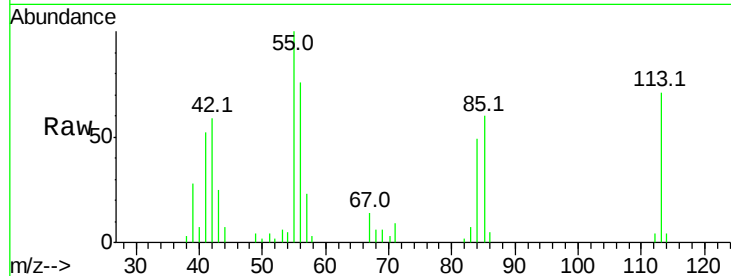
Tot Ion:113 Resp: 24426

Ion Ratio Lower Upper

113 100

55 140.2 150.2 190.2#

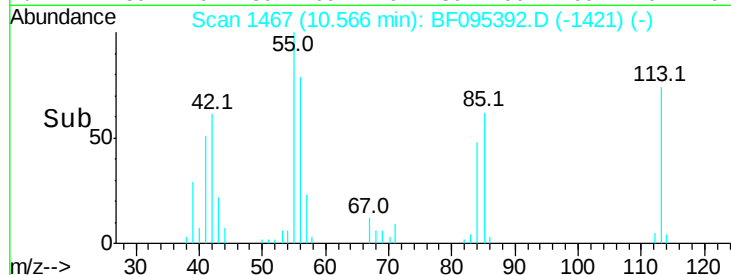
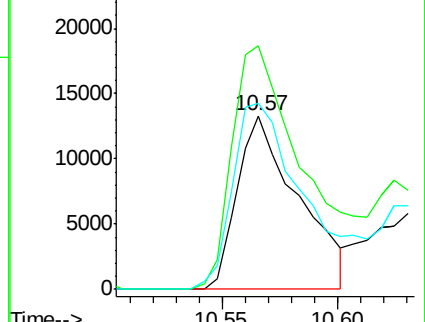
56 106.9 107.8 147.8#



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: 29.27 ng

RT: 10.81 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

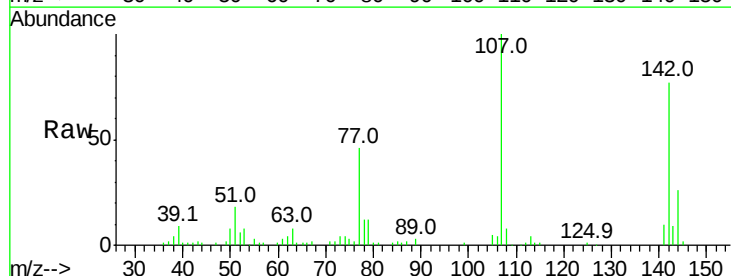
Tgt Ion:107 Resp: 172223

Ion Ratio Lower Upper

107 100

144 26.3 24.2 36.4

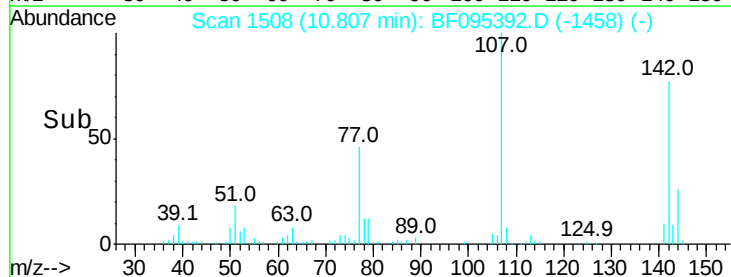
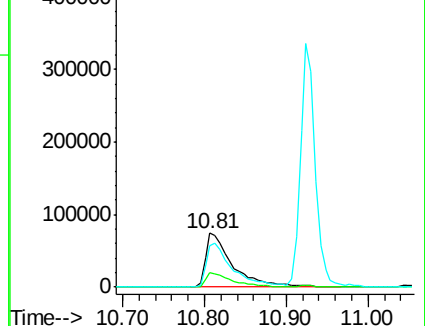
142 77.4 73.4 110.0

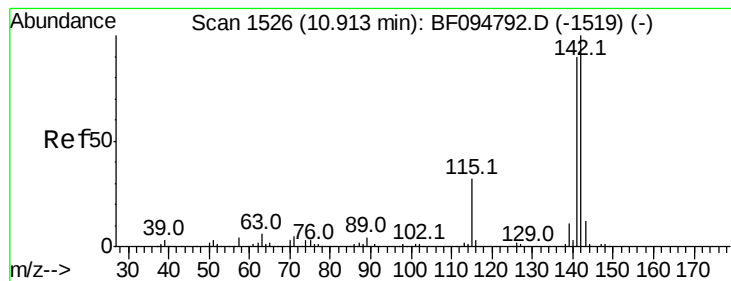


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 31.69 ng

RT: 10.92 min Scan# 1528

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampleId :

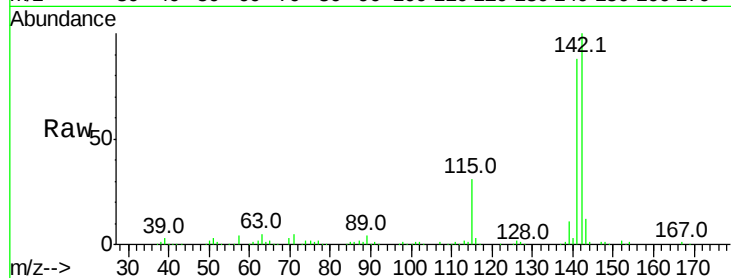
Tot Ion:142 Resp: 420060

Ion Ratio Lower Upper

142 100

141 88.3 71.3 106.9

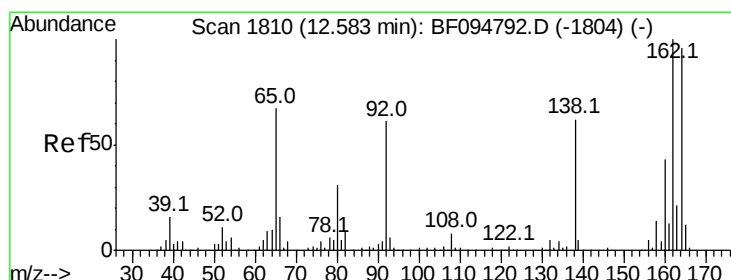
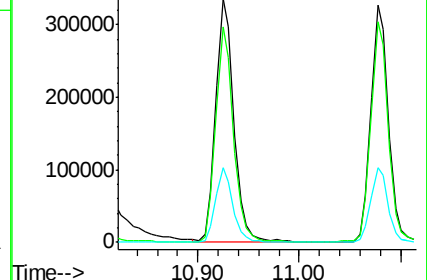
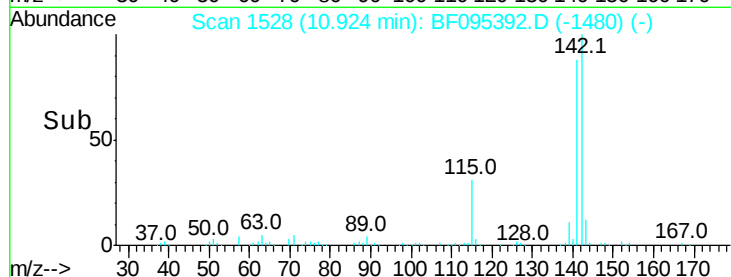
115 30.6 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.59 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

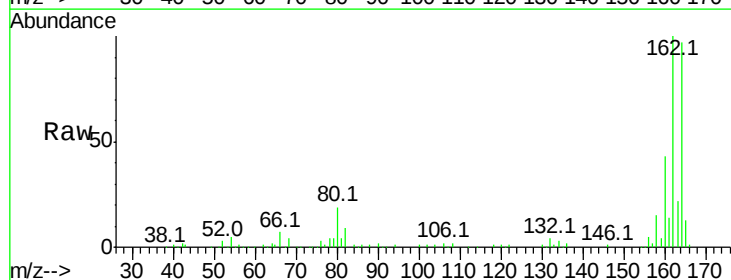
Tgt Ion:164 Resp: 180000

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

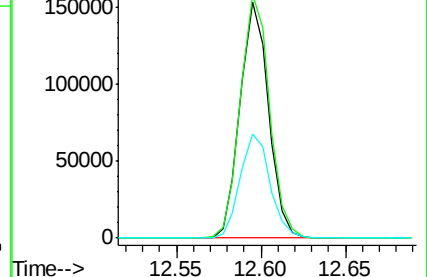
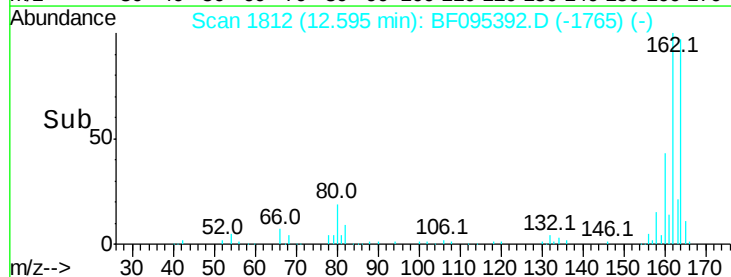
160 44.2 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.78 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 164825

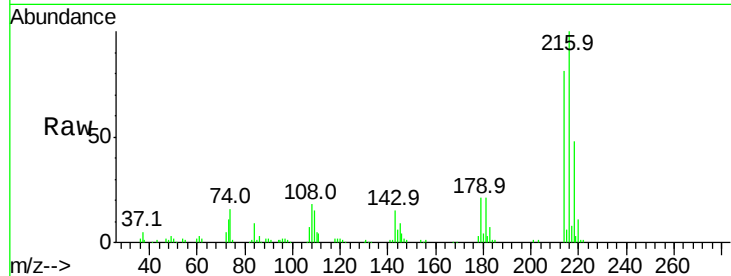
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 21.8 17.9 26.9

108 18.5 16.5 24.7

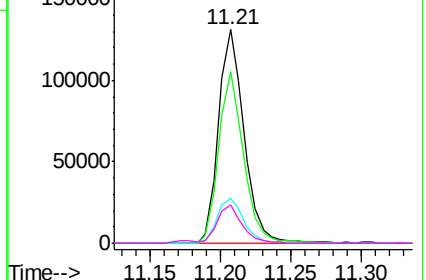
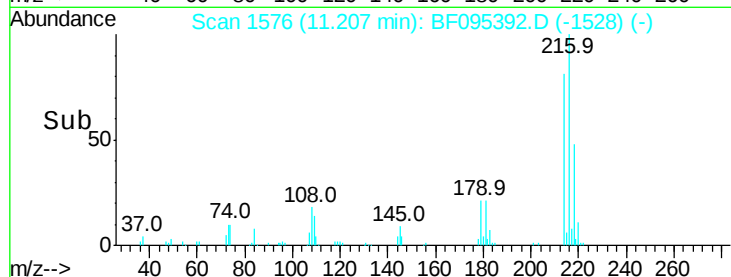


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 26.68 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

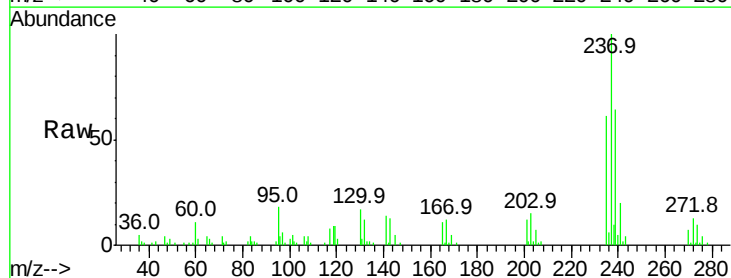
Tgt Ion:237 Resp: 51933

Ion Ratio Lower Upper

237 100

235 61.1 42.6 82.6

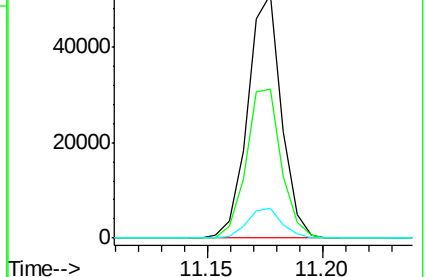
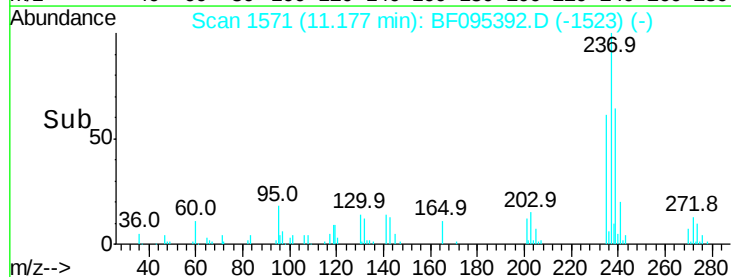
272 12.5 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

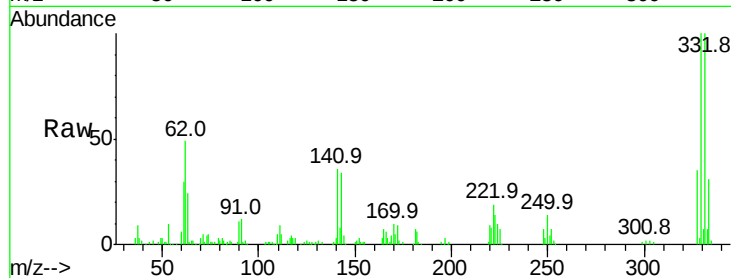




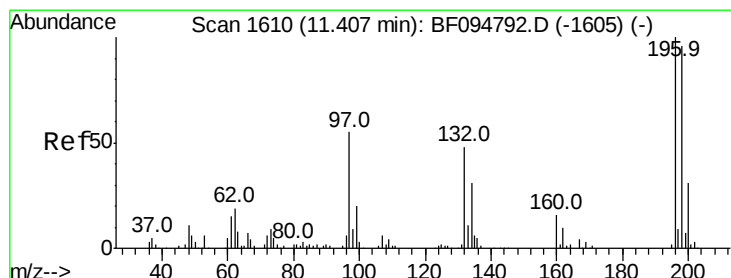
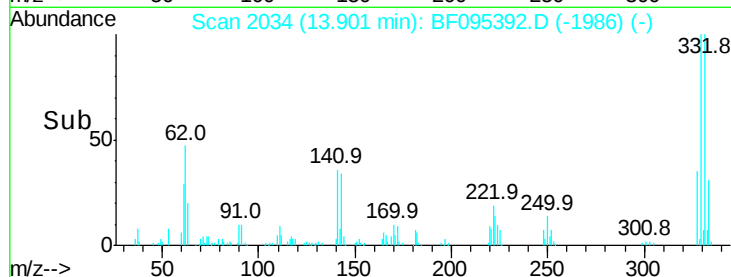
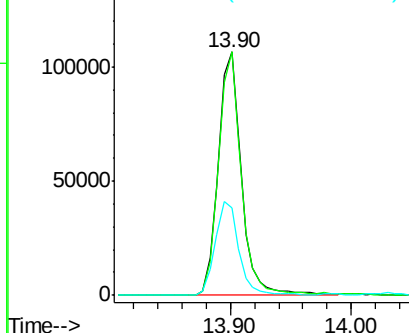
#41
 2,4,6-Tribromophenol
 Concen: 95.69 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 141063
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 39.6 31.4 47.2

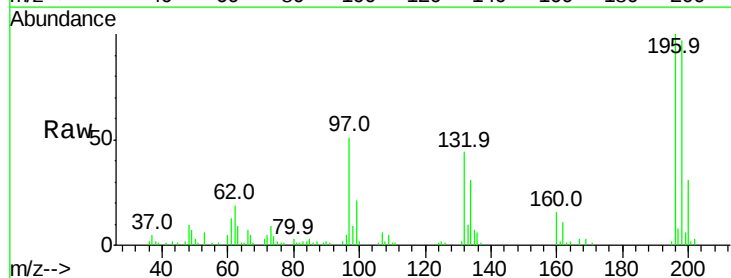


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

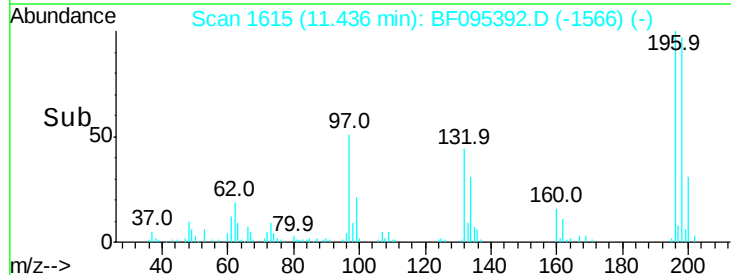
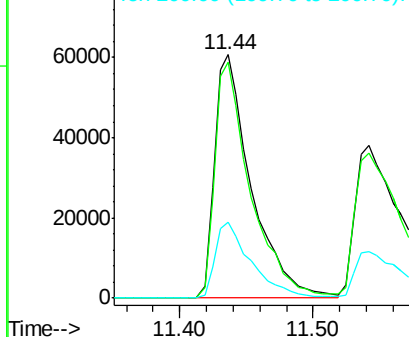


#42
 2,4,6-Trichlorophenol
 Concen: 31.63 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion:196 Resp: 116891
 Ion Ratio Lower Upper
 196 100
 198 96.9 74.2 111.4
 200 31.2 24.0 36.0



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

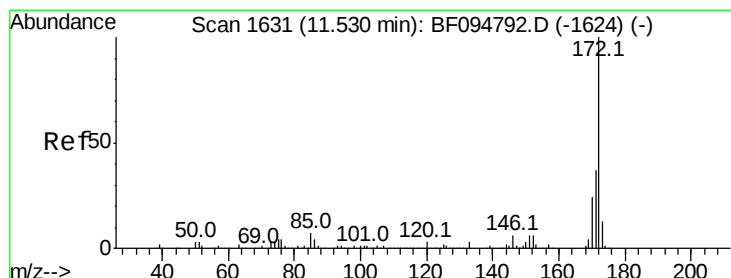
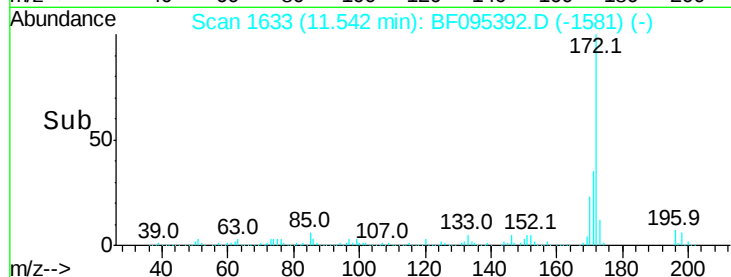
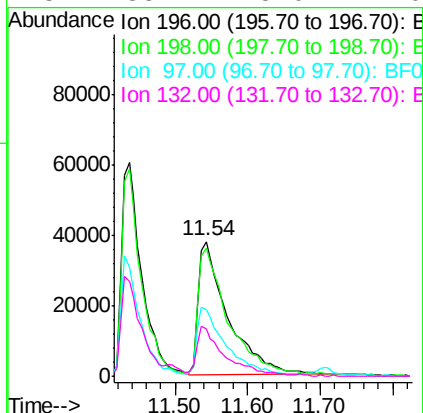
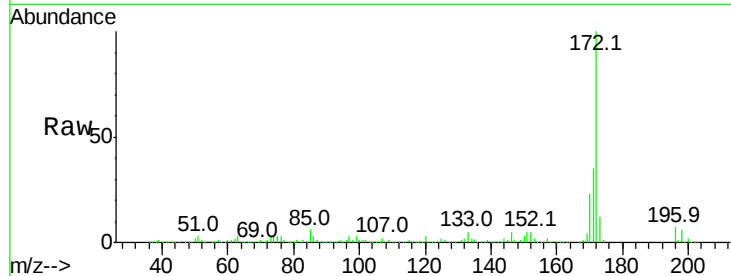




#43
 2,4,5-Trichlorophenol
 Concen: 27.07 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

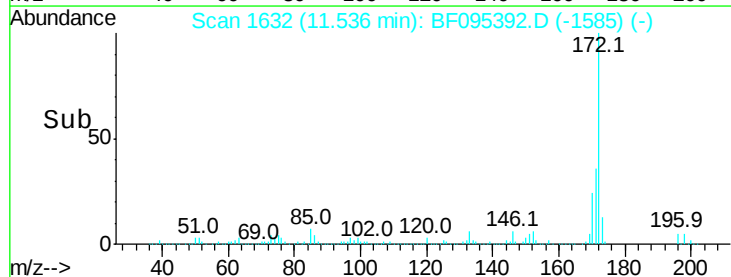
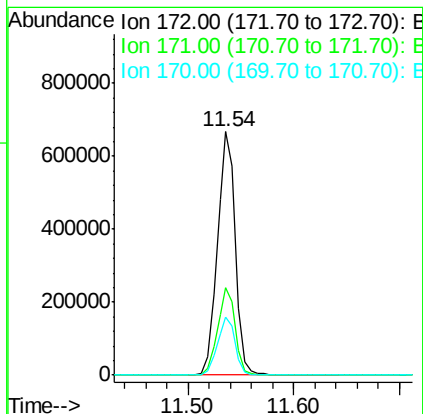
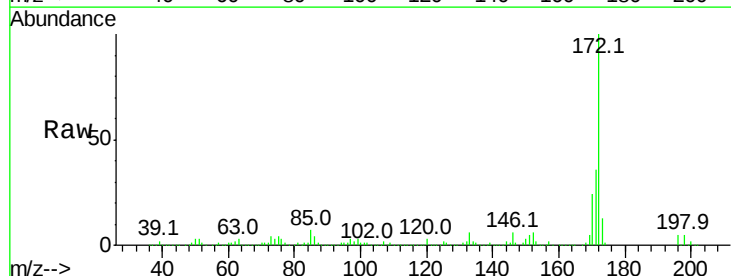
Instrument :
 BNA_F
 ClientSampled :

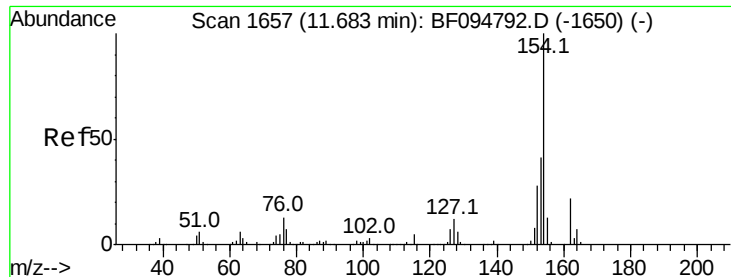
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
97	49.8	47.7	71.5
132	35.2	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 63.59 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.6	19.8	29.8

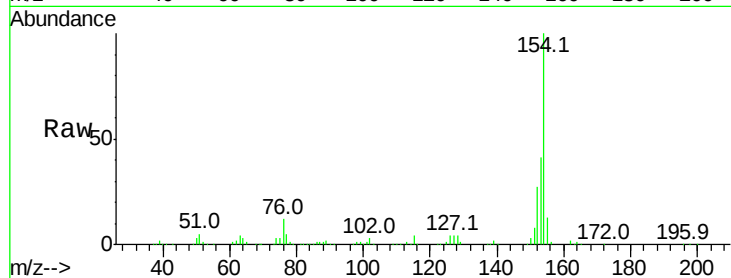




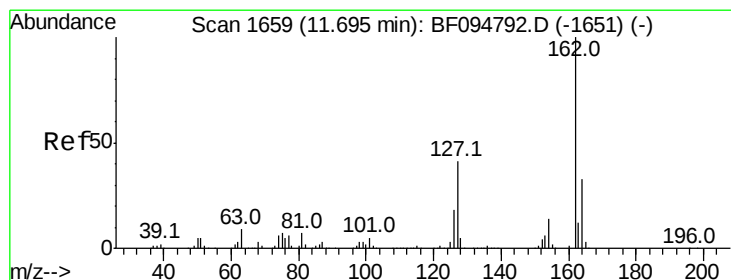
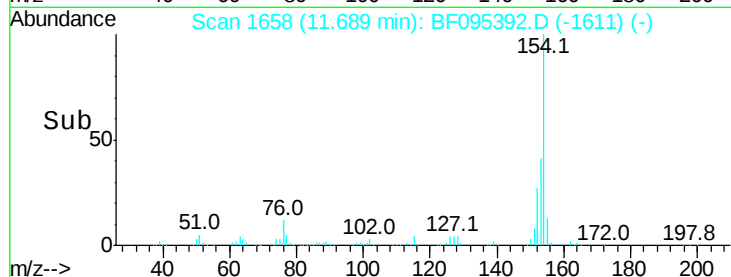
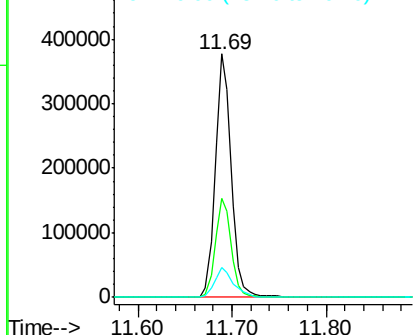
#45
 1,1'-Biphenyl
 Concen: 29.75 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 450819
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.2 61.2
 76 12.1 0.0 29.9

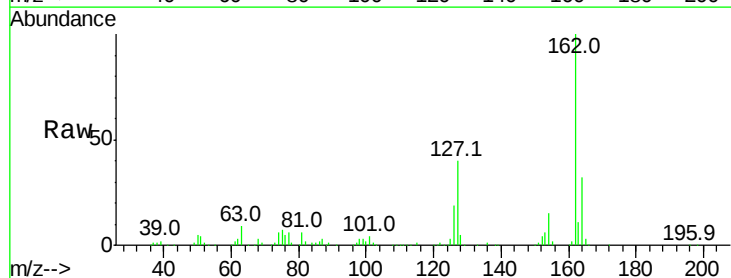


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

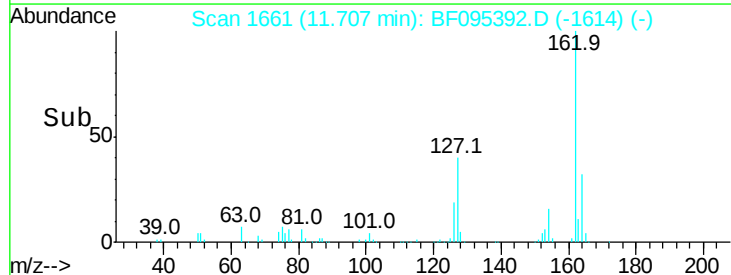
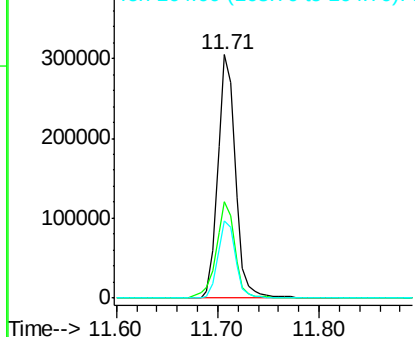


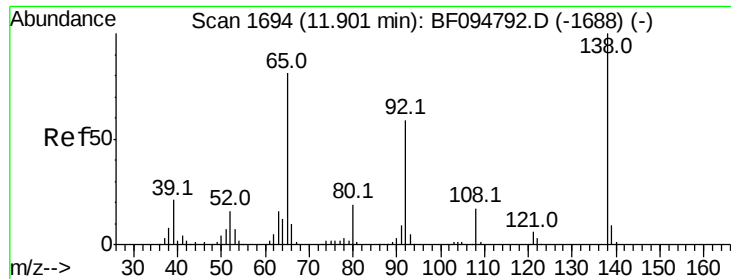
#46
 2-Chloronaphthalene
 Concen: 30.07 ng
 RT: 11.71 min Scan# 1661
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion:162 Resp: 367905
 Ion Ratio Lower Upper
 162 100
 127 39.7 28.3 42.5
 164 31.9 27.0 40.4



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

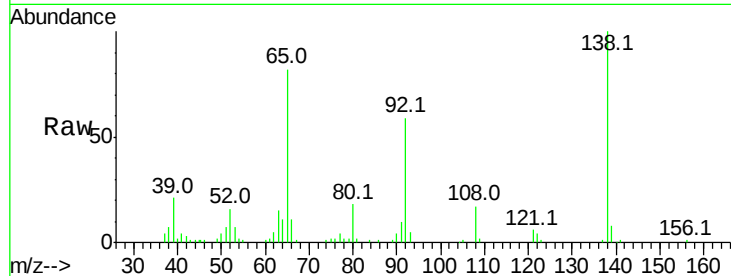




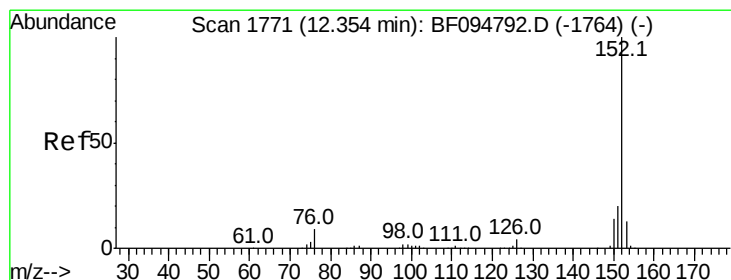
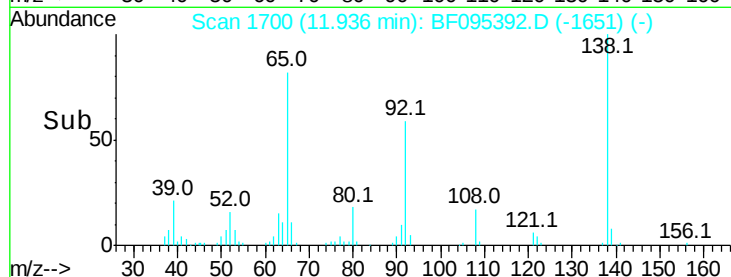
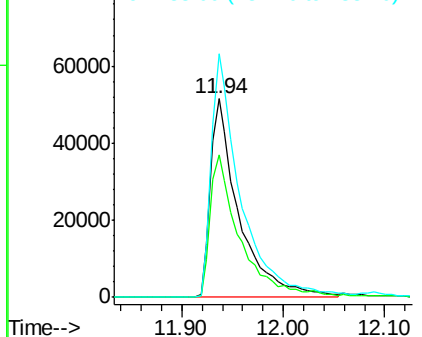
#47
2-Nitroaniline
Concen: 30.16 ng
RT: 11.94 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 101016
Ion Ratio Lower Upper
65 100
92 72.1 53.9 80.9
138 122.7 78.8 118.2#

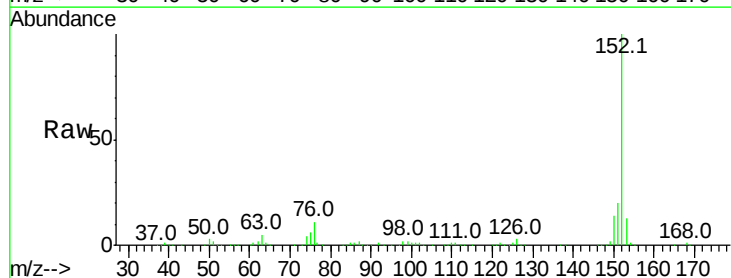


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

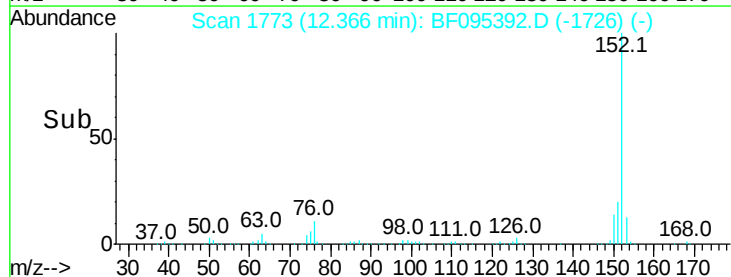
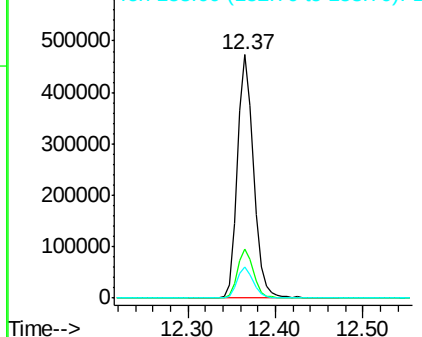


#48
Acenaphthylene
Concen: 30.75 ng
RT: 12.37 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion:152 Resp: 589381
Ion Ratio Lower Upper
152 100
151 19.9 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: 37.06 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampleId :

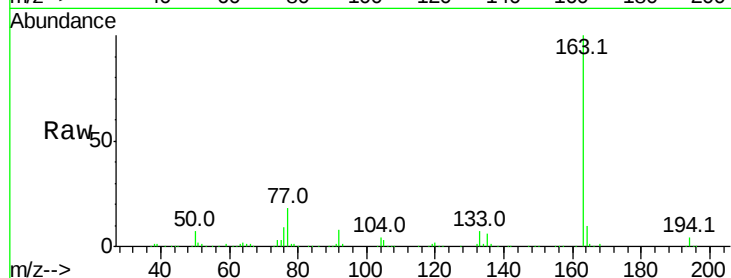
Tot Ion:163 Resp: 547568

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

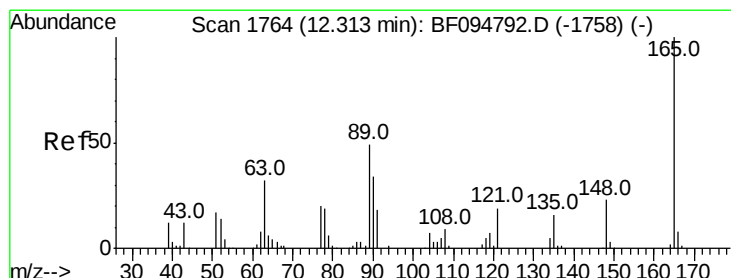
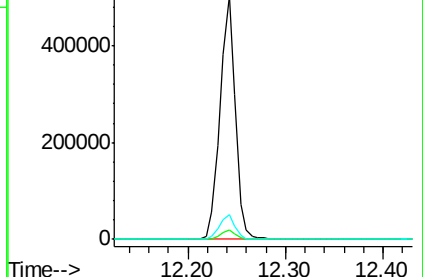
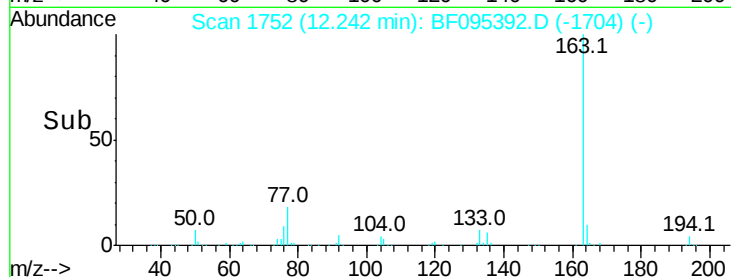
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 29.95 ng

RT: 12.34 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

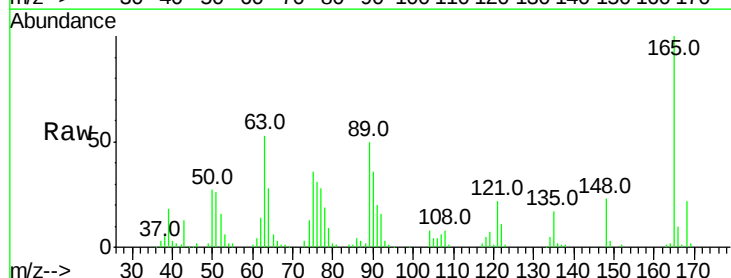
Tgt Ion:165 Resp: 90277

Ion Ratio Lower Upper

165 100

63 52.8 34.3 51.5#

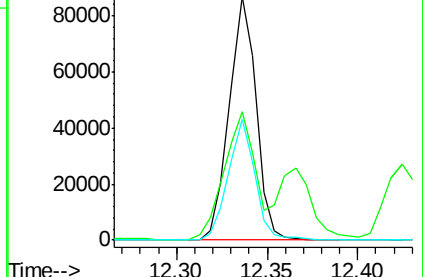
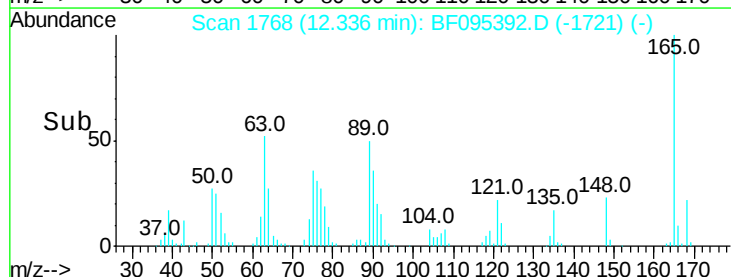
89 49.5 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

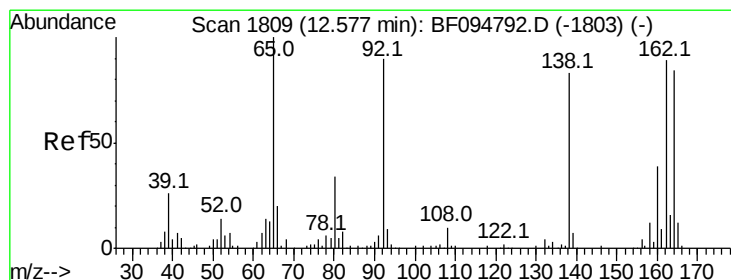
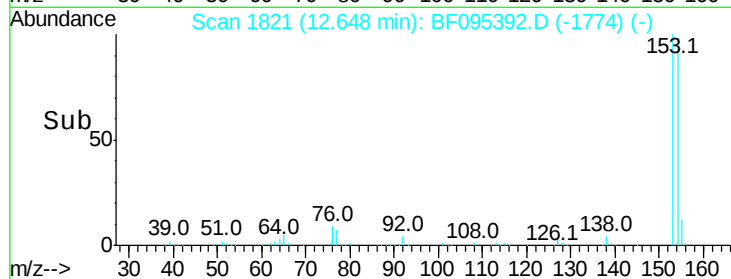
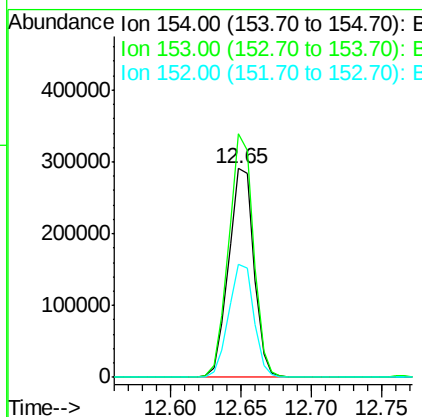
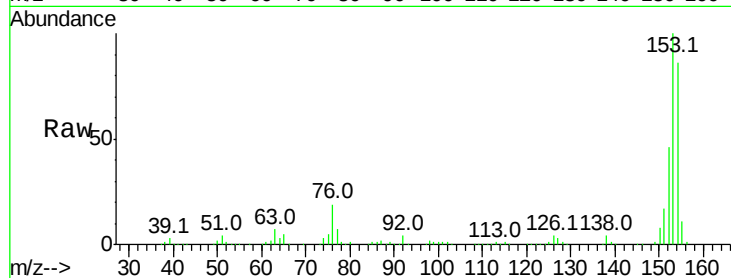




#51
Acenaphthene
Concen: 31.75 ng
RT: 12.65 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

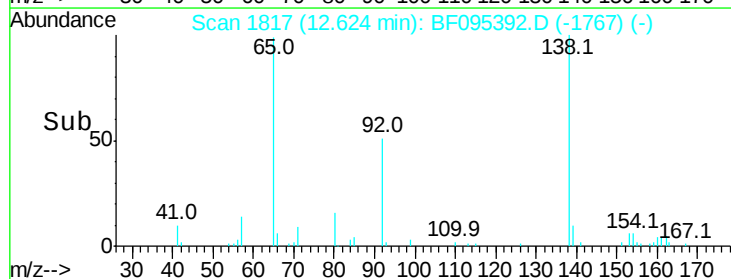
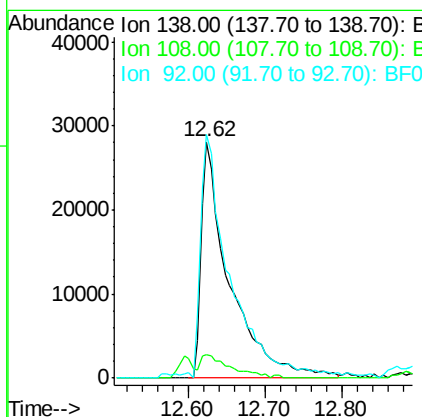
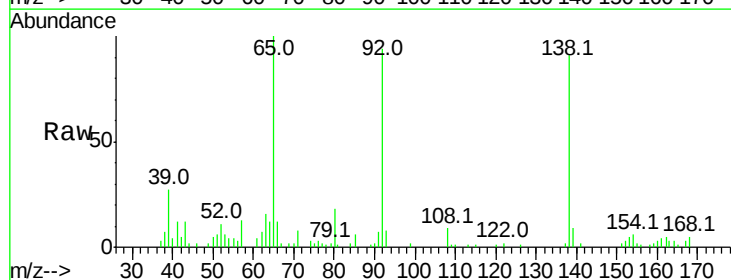
Instrument :
BNA_F
ClientSampleId :

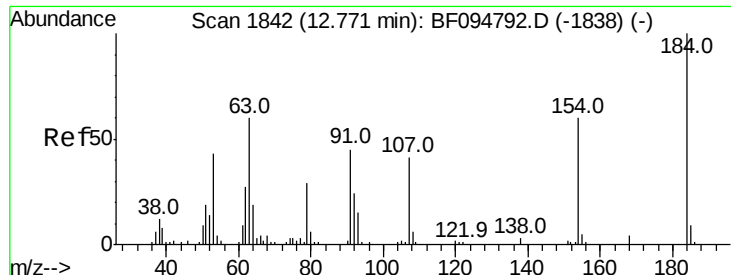
Tot Ion:154 Resp: 363477
Ion Ratio Lower Upper
154 100
153 116.5 90.5 135.7
152 53.9 43.6 65.4



#52
3-Nitroaniline
Concen: 22.19 ng
RT: 12.62 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion:138 Resp: 71799
Ion Ratio Lower Upper
138 100
108 9.9 9.1 13.7
92 103.1 93.8 140.6

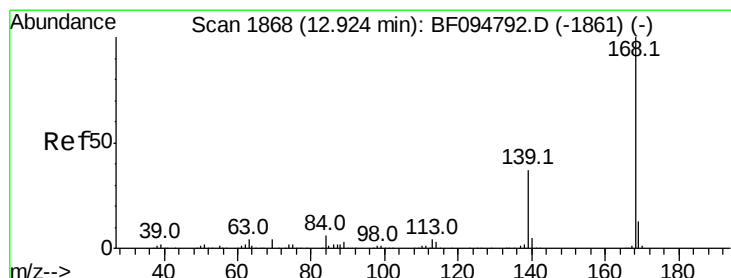
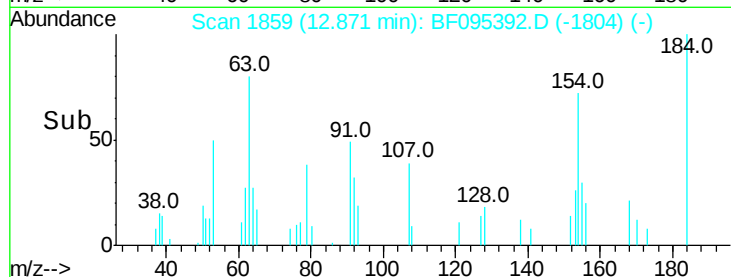
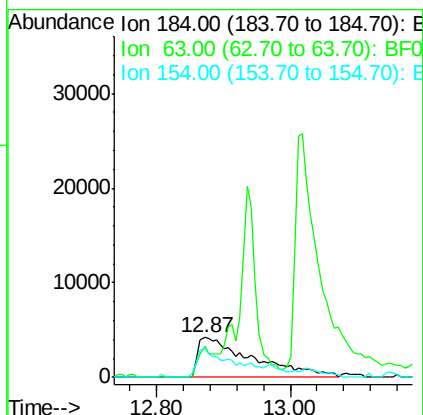
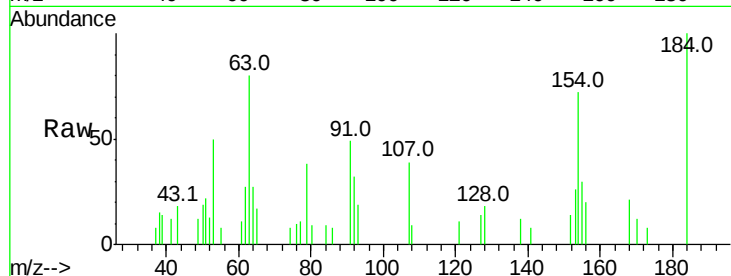




#53
 2,4-Dinitrophenol
 Concen: 19.52 ng
 RT: 12.87 min Scan# 1859
 Delta R.T. 0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

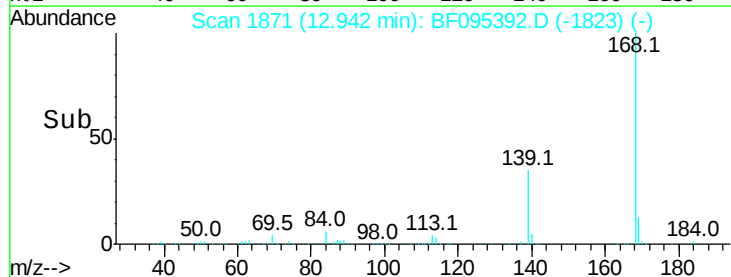
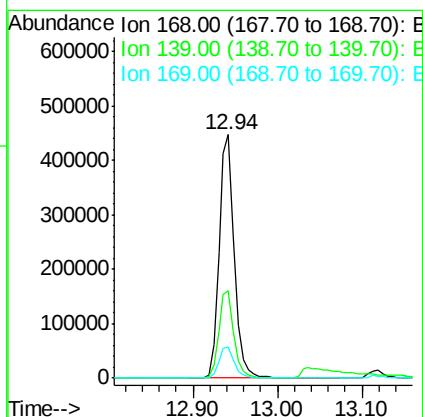
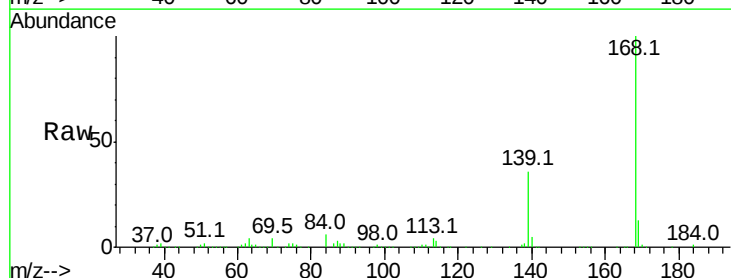
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 23903
 Ion Ratio Lower Upper
 184 100
 63 79.7 62.7 94.1
 154 71.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 35.37 ng
 RT: 12.94 min Scan# 1871
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion:168 Resp: 560308
 Ion Ratio Lower Upper
 168 100
 139 35.8 30.6 45.8
 169 13.0 10.8 16.2

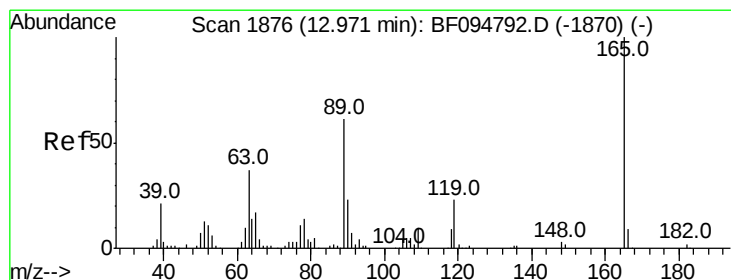
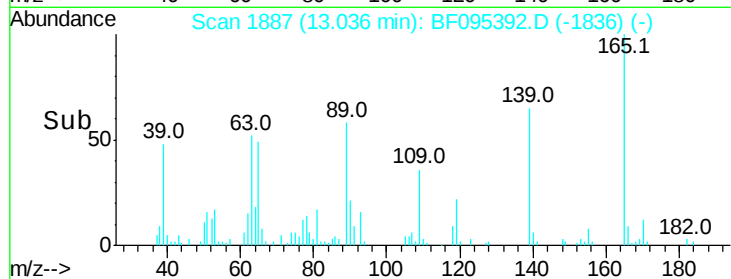
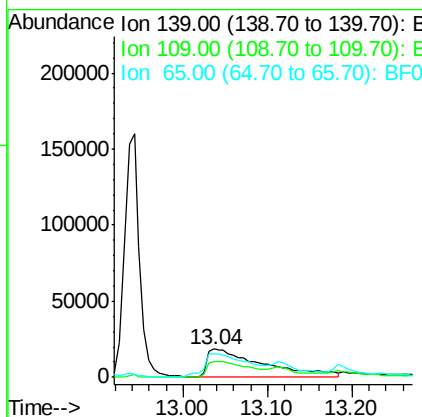
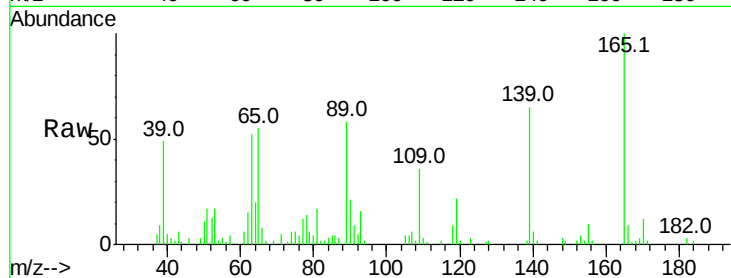




#55
 4-Nitrophenol
 Concen: 42.51 ng
 RT: 13.04 min Scan# 1887
 Delta R.T. 0.00 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

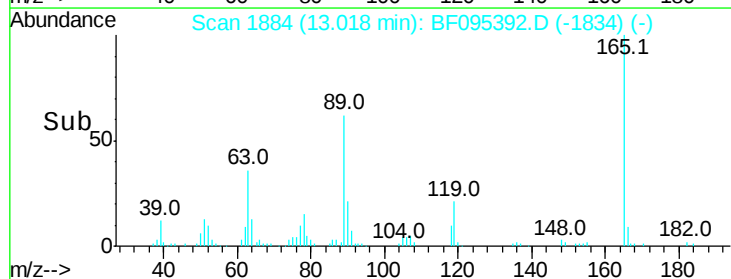
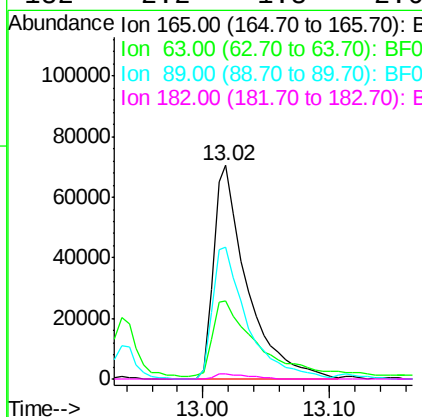
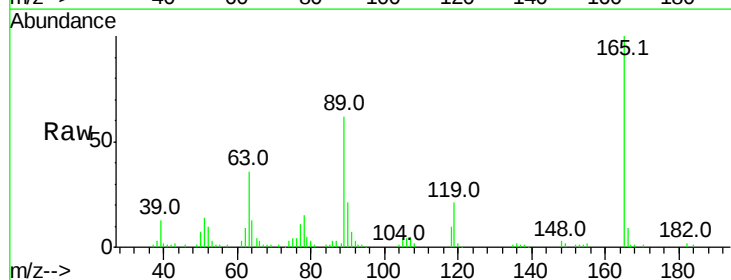
Instrument :
 BNA_F
 ClientSampled :

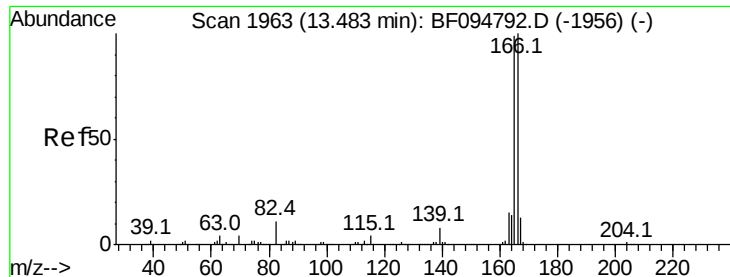
Tot Ion:139 Resp: 82623
 Ion Ratio Lower Upper
 139 100
 109 56.4 34.1 74.1
 65 84.4 31.4 71.4#



#56
 2,4-Dinitrotoluene
 Concen: 33.65 ng
 RT: 13.02 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion:165 Resp: 130371
 Ion Ratio Lower Upper
 165 100
 63 36.5 25.4 38.0
 89 61.8 46.4 69.6
 182 2.2 1.8 2.6





#57

Fluorene

Concen: 31.35 ng

RT: 13.49 min Scan# 1965

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampleId :

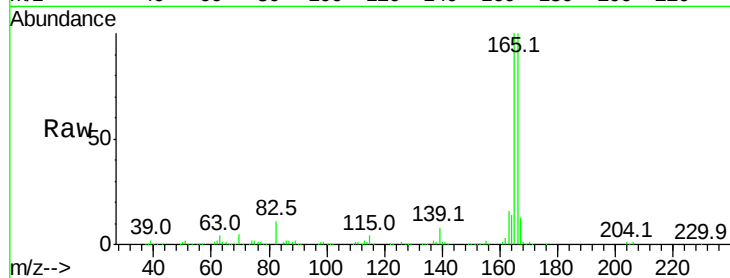
Tot Ion:166 Resp: 431871

Ion Ratio Lower Upper

166 100

165 99.7 78.8 118.2

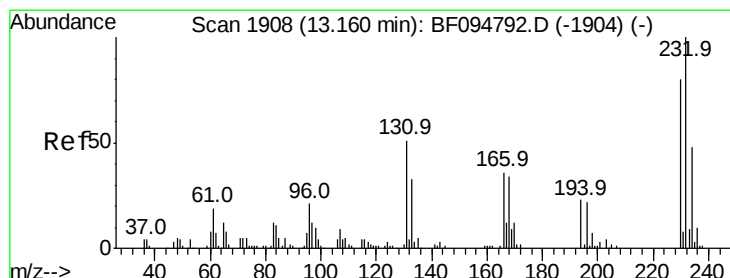
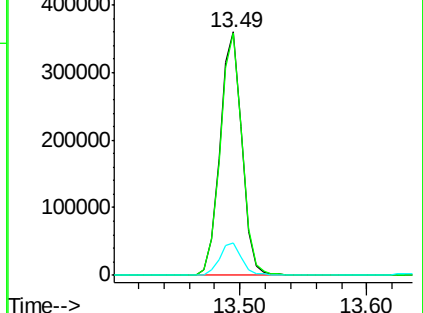
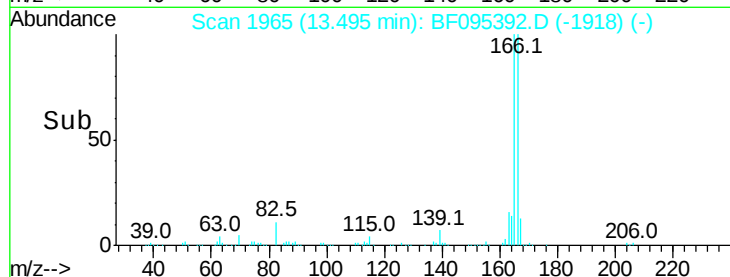
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.52 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Tgt Ion:232 Resp: 83809

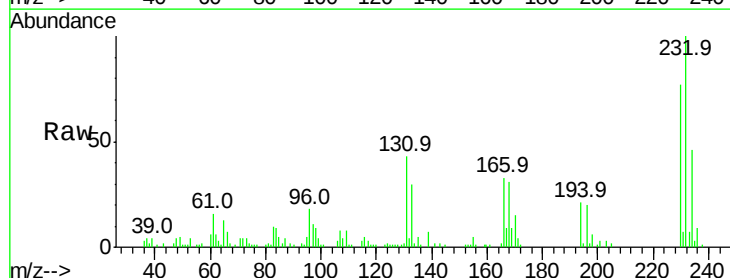
Ion Ratio Lower Upper

232 100

131 48.4 44.8 67.2

130 2.2 2.3 3.5#

166 31.8 29.0 43.4

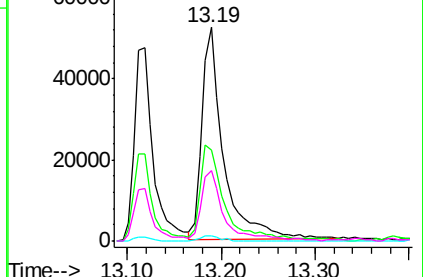
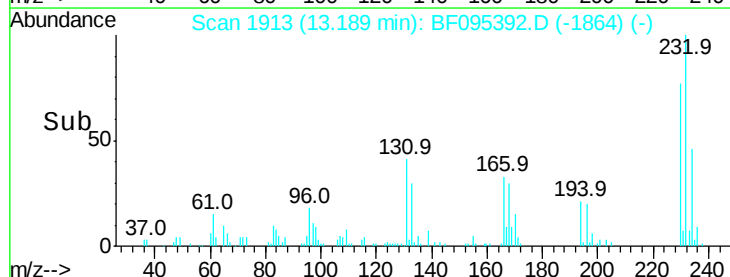


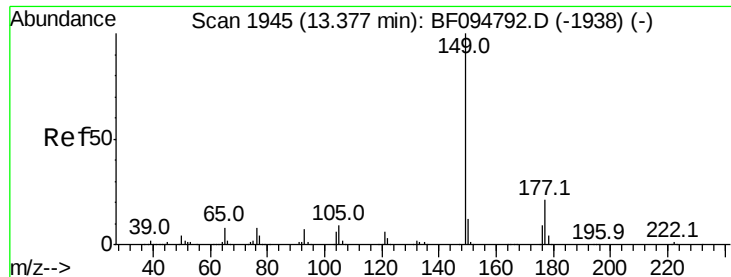
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

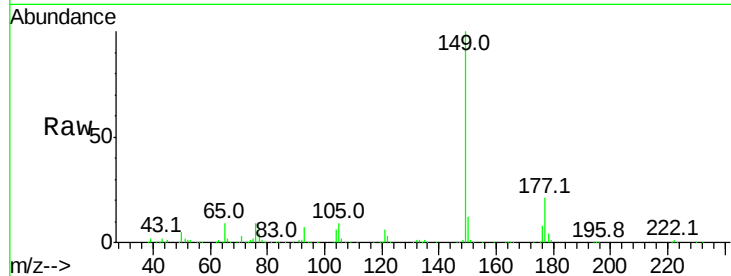




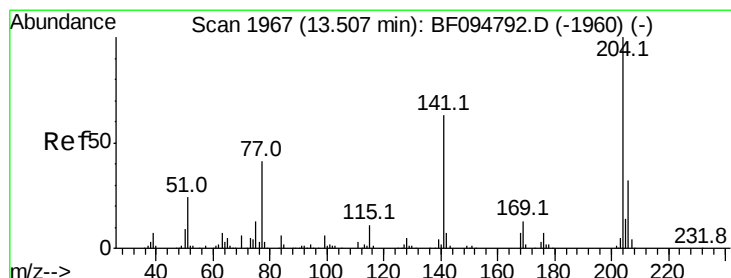
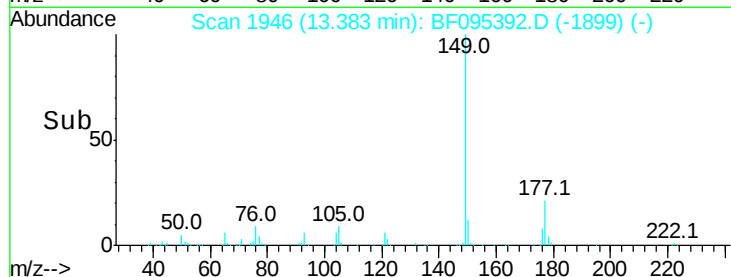
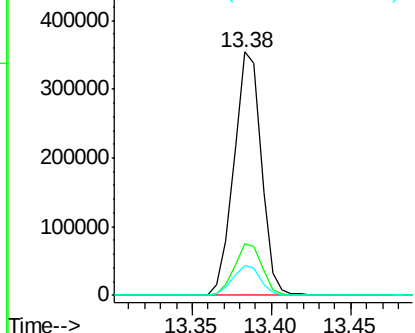
#59
Diethylphthalate
Concen: 30.01 ng
RT: 13.38 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 425082
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.4 10.2 15.2

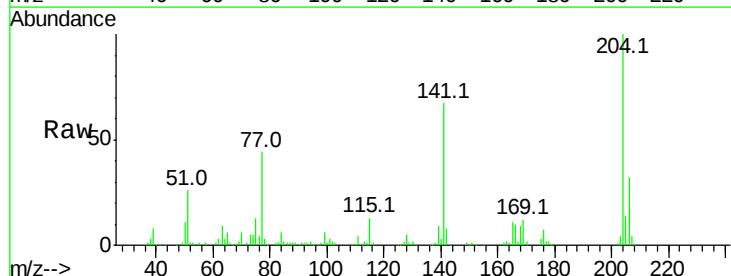


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

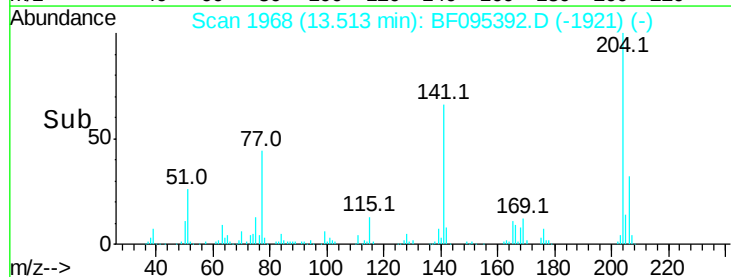
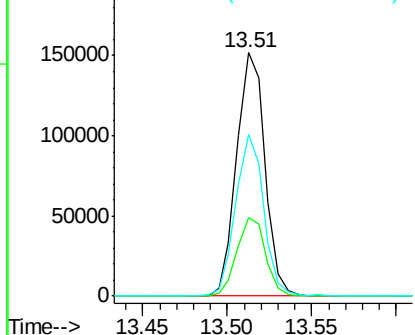


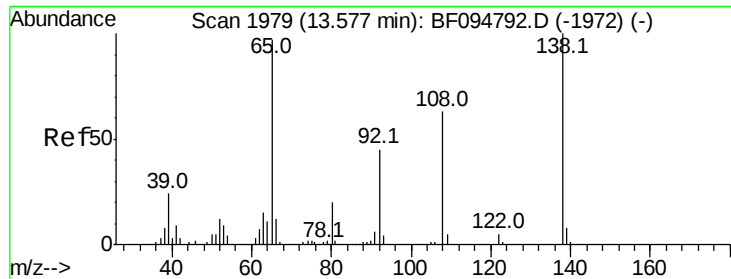
#60
4-Chlorophenyl-phenylether
Concen: 29.45 ng
RT: 13.51 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion:204 Resp: 178302
Ion Ratio Lower Upper
204 100
206 32.1 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

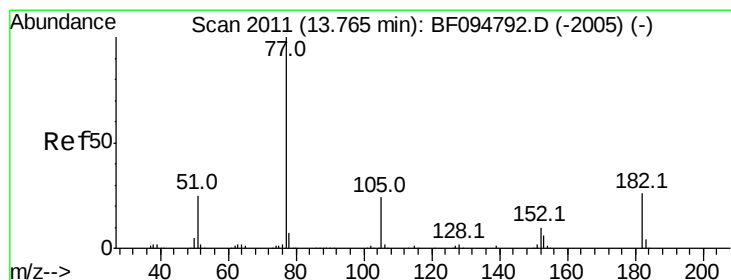
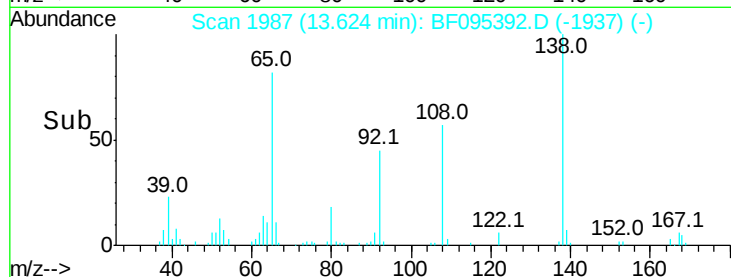
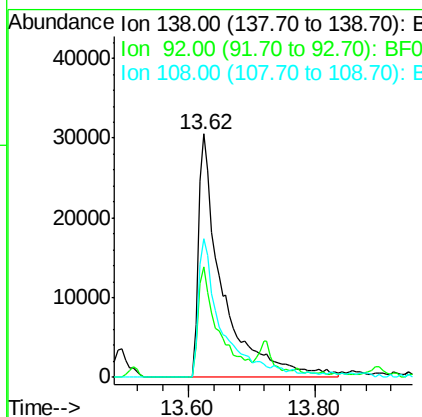
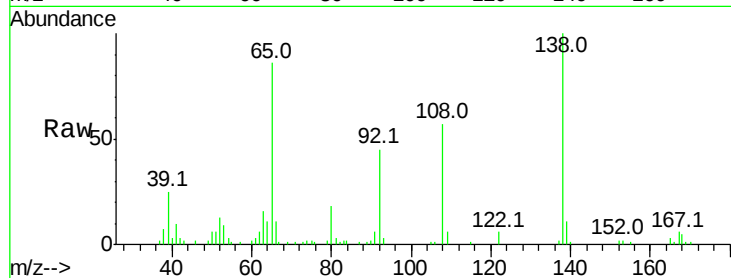




#61
4-Nitroaniline
Concen: 26.57 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

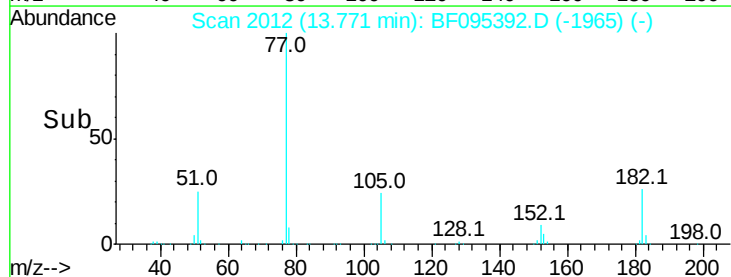
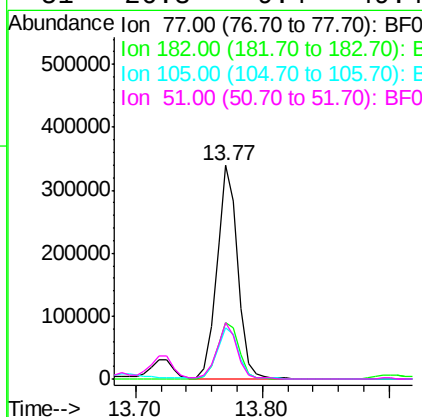
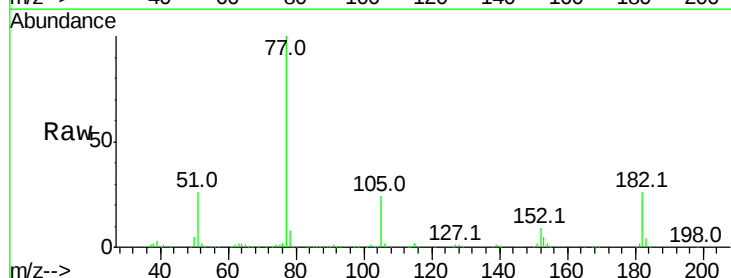
Instrument :
BNA_F
ClientSampleId :

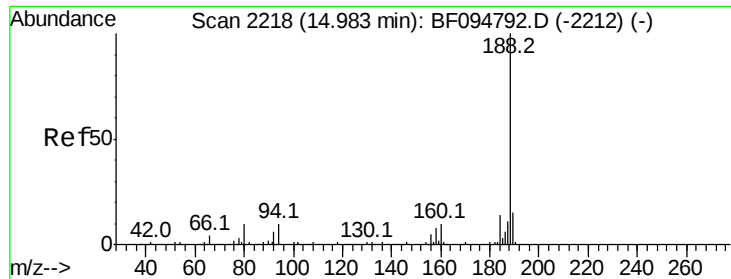
Tot Ion:138 Resp: 78915
Ion Ratio Lower Upper
138 100
92 45.3 21.8 61.8
108 56.8 42.3 82.3



#62
Azobenzene
Concen: 33.90 ng
RT: 13.77 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion: 77 Resp: 385853
Ion Ratio Lower Upper
77 100
182 26.1 0.1 40.1
105 24.1 3.6 43.6
51 26.3 9.4 49.4

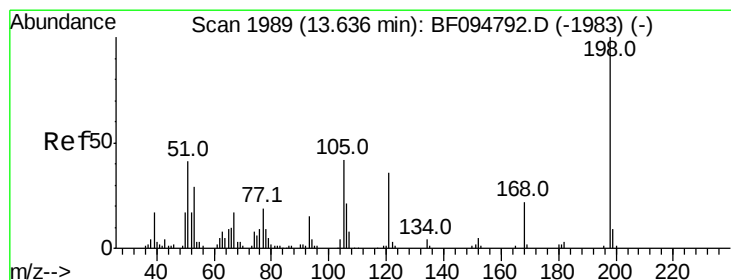
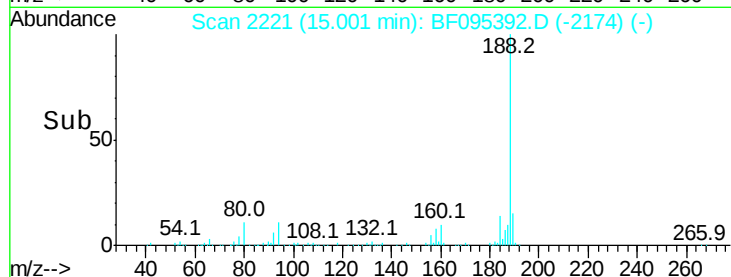
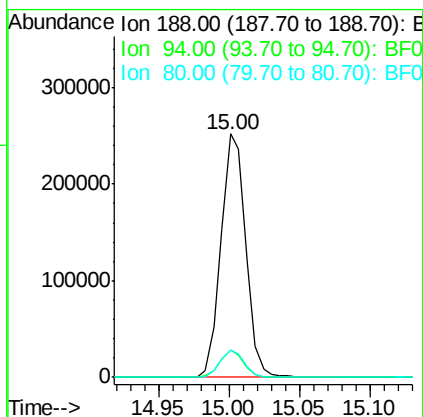
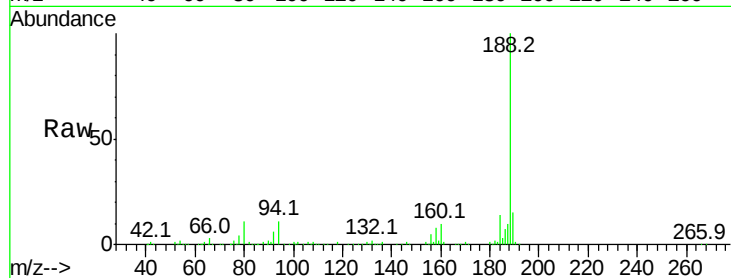




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

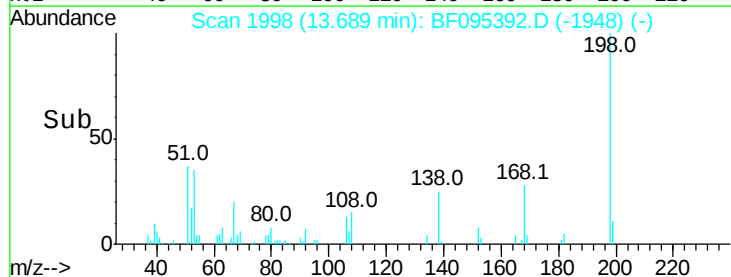
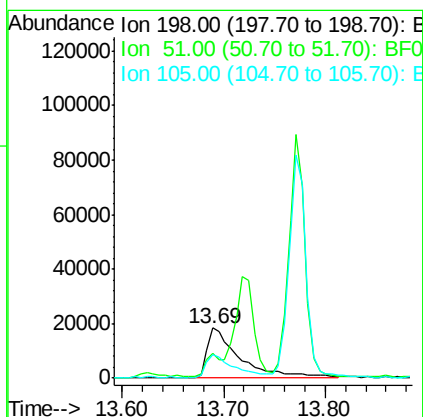
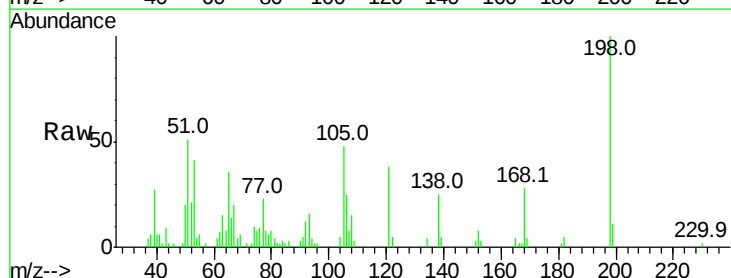
Instrument :
 BNA_F
 ClientSampleId :

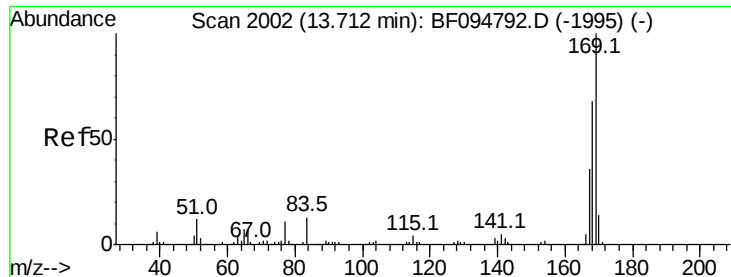
Tot Ion:188 Resp: 306168
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 11.3 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 20.10 ng
 RT: 13.69 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion:198 Resp: 41260
 Ion Ratio Lower Upper
 198 100
 51 50.9 53.2 93.2#
 105 47.9 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 31.87 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampleId :

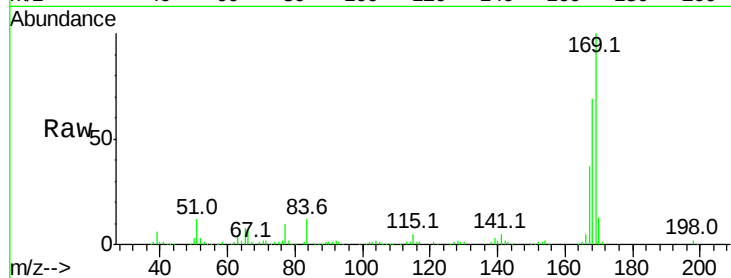
Tot Ion:169 Resp: 354116

Ion Ratio Lower Upper

169 100

168 69.2 53.2 79.8

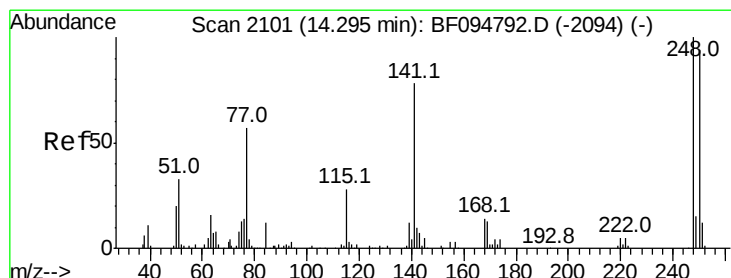
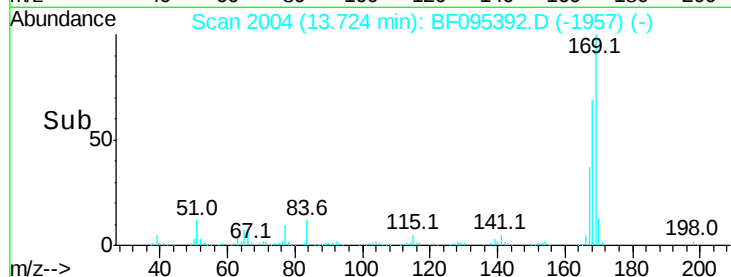
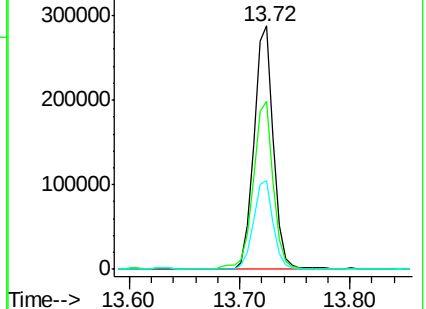
167 36.7 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 30.66 ng

RT: 14.30 min Scan# 2102

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

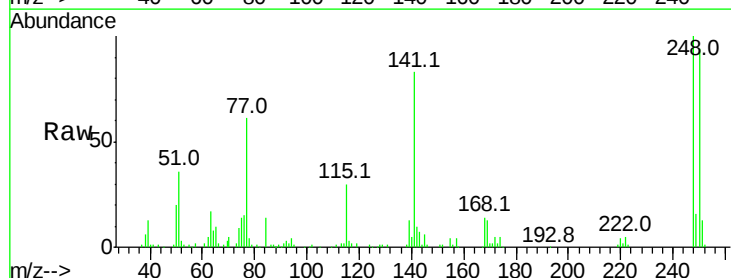
Tgt Ion:248 Resp: 99177

Ion Ratio Lower Upper

248 100

250 94.2 76.8 115.2

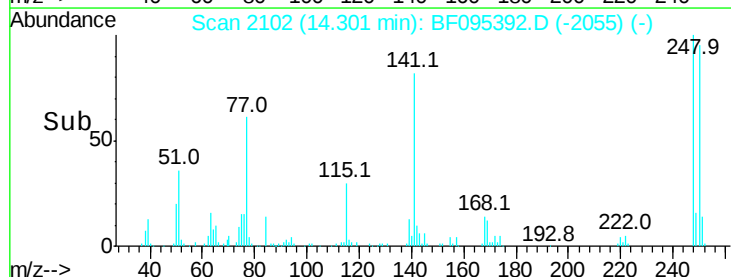
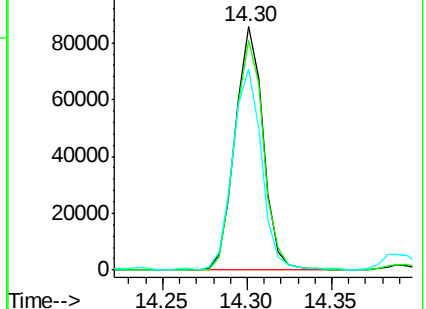
141 82.5 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

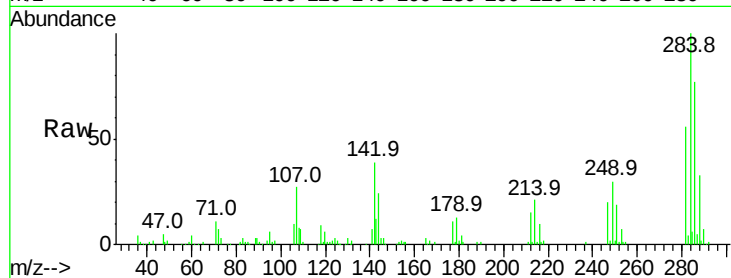




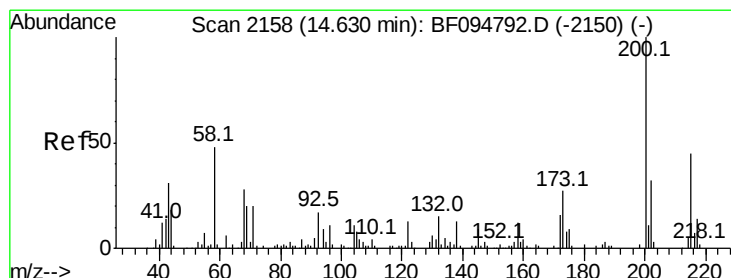
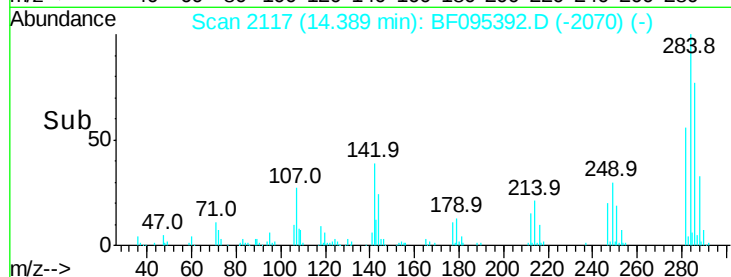
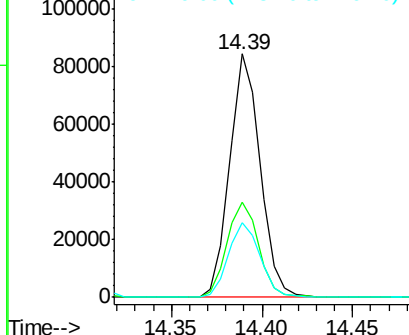
#67
Hexachlorobenzene
Concen: 29.87 ng
RT: 14.39 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 99011
Ion Ratio Lower Upper
284 100
142 38.8 22.8 34.2#
249 30.5 24.0 36.0

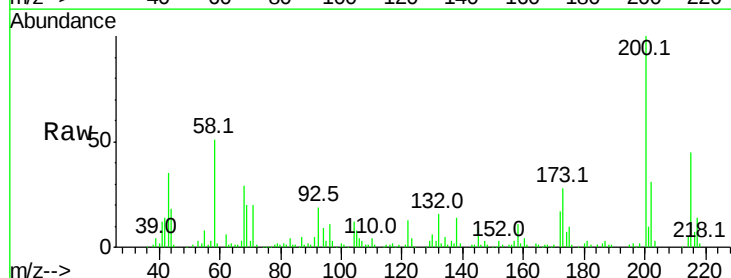


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

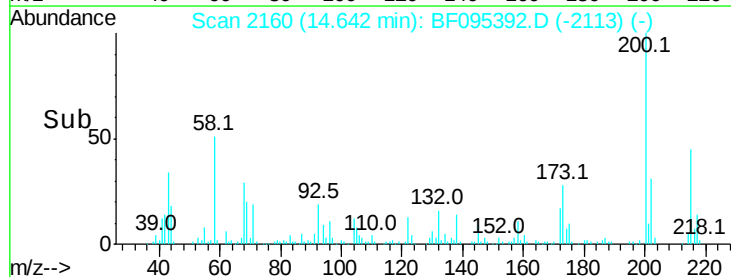
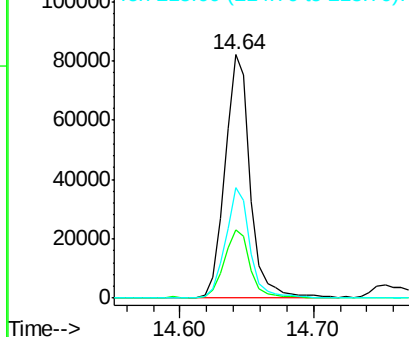


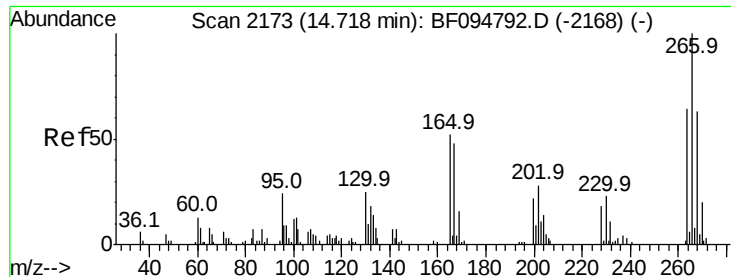
#68
Atrazine
Concen: 34.83 ng
RT: 14.64 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion:200 Resp: 109279
Ion Ratio Lower Upper
200 100
173 28.2 6.3 46.3
215 45.3 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

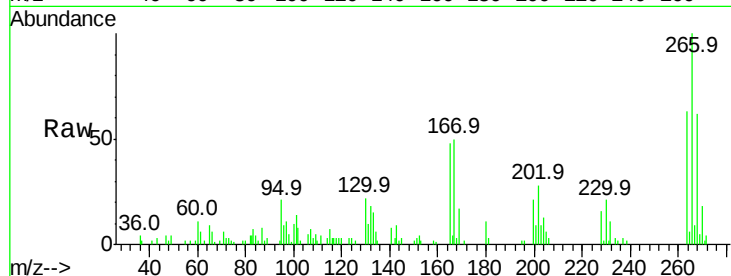




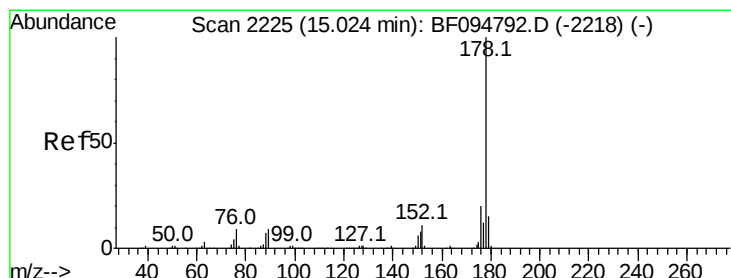
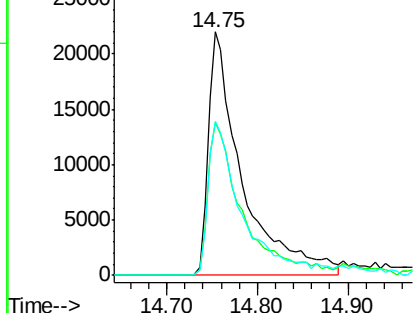
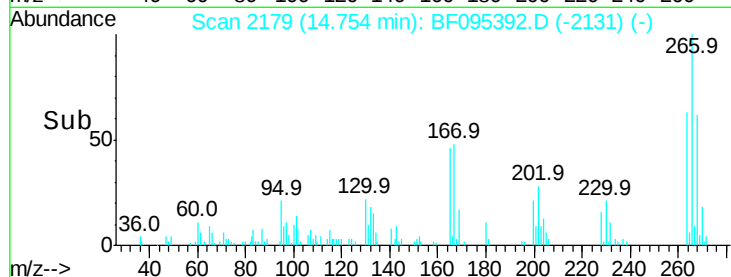
#69
 Pentachlorophenol
 Concen: 41.34 ng
 RT: 14.75 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 57372
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.1 76.7
 264 63.1 51.7 77.5

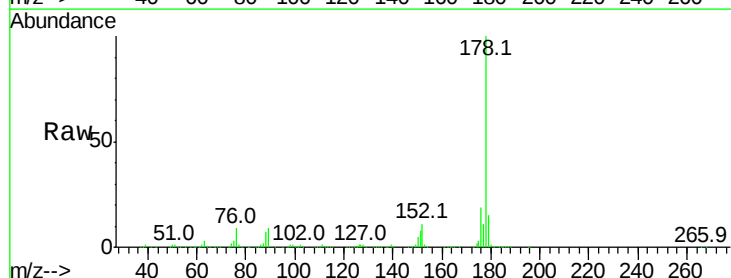


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

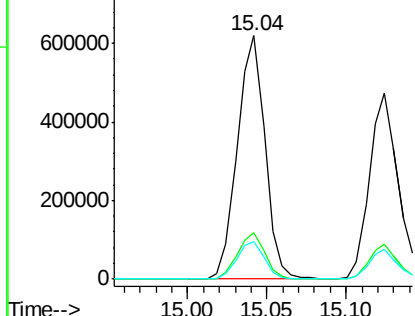
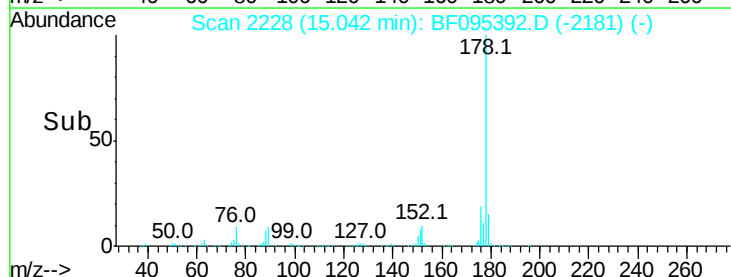


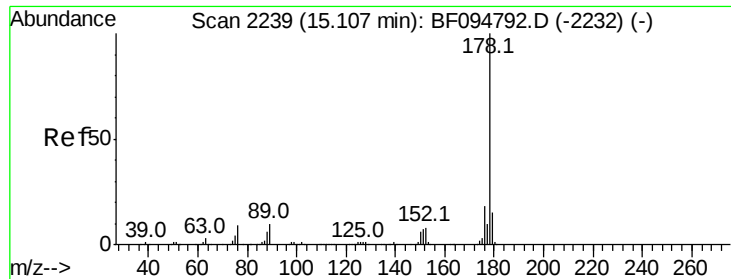
#70
 Phenanthrene
 Concen: 42.68 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion:178 Resp: 750847
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.2 24.4
 179 15.4 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

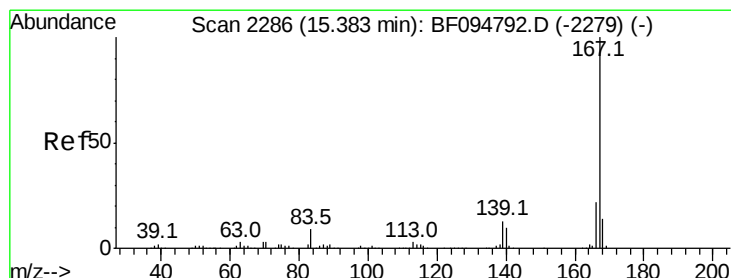
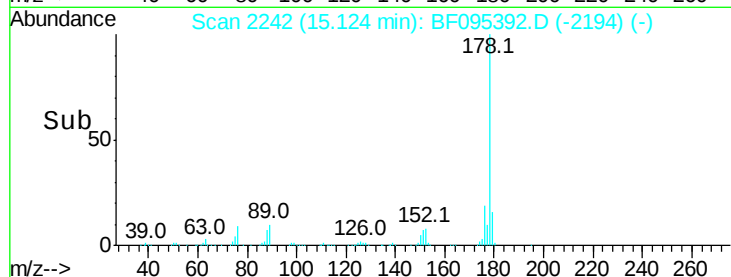
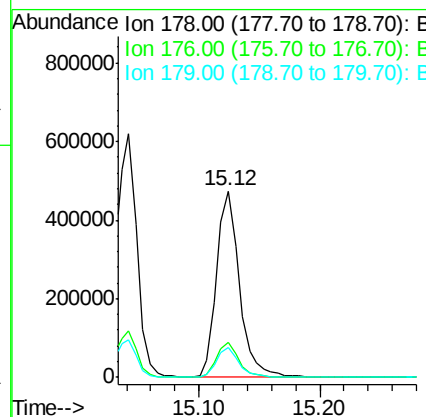
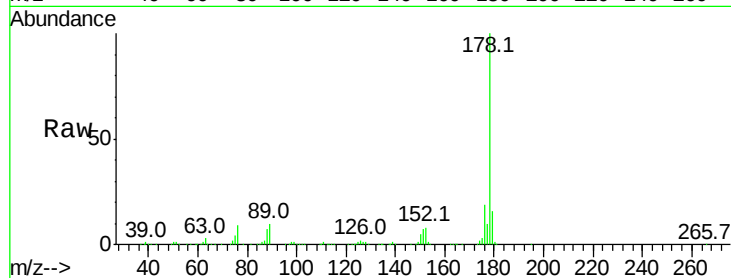




#71
 Anthracene
 Concen: 34.34 ng
 RT: 15.12 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

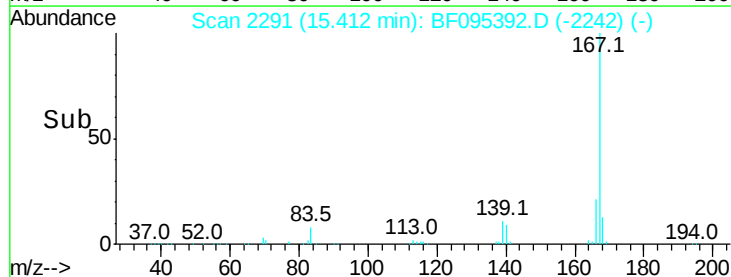
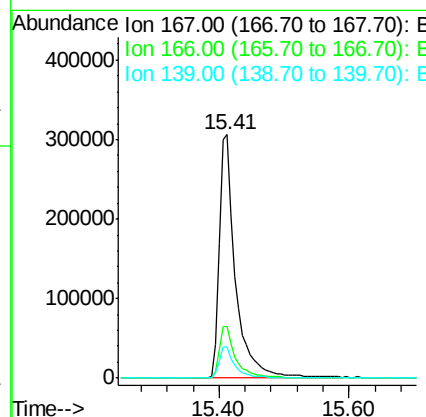
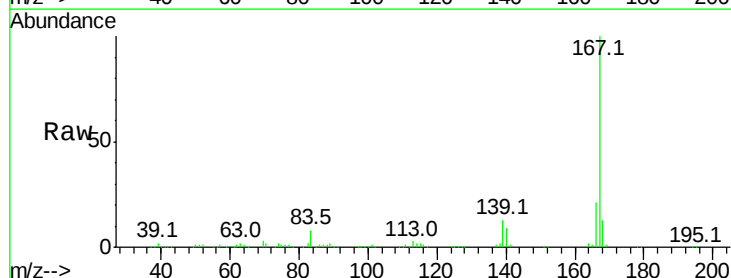
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 617141
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.9 12.7 19.1



#72
 Carbazole
 Concen: 32.36 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion:167 Resp: 529068
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.1 27.1
 139 12.7 11.7 17.5

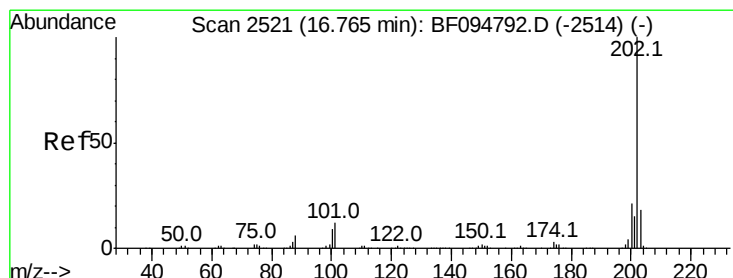
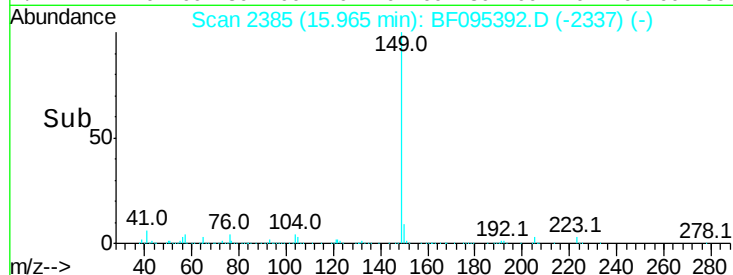
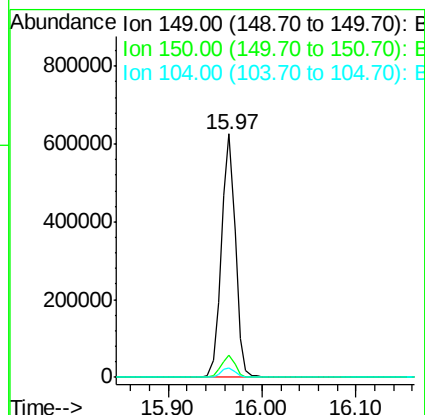
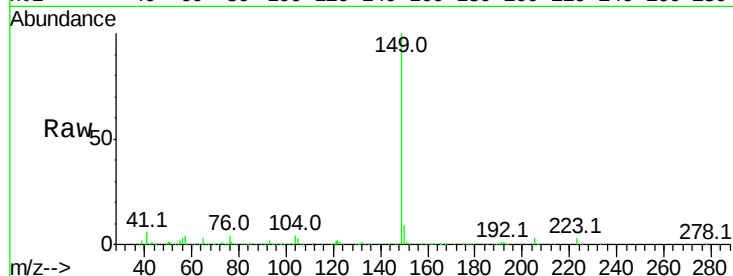




#73
Di-n-butylphthalate
Concen: 32.05 ng
RT: 15.97 min Scan# 2385
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

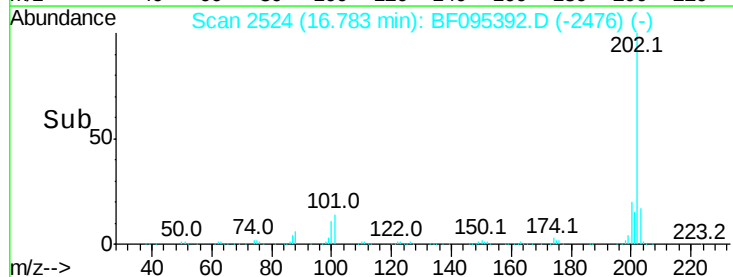
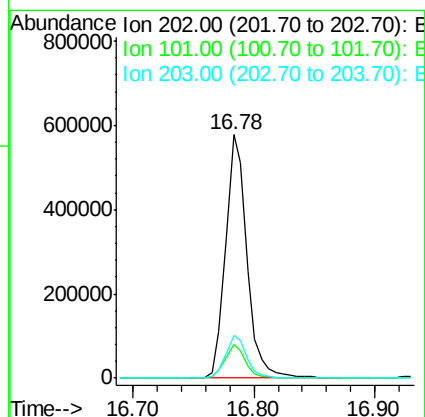
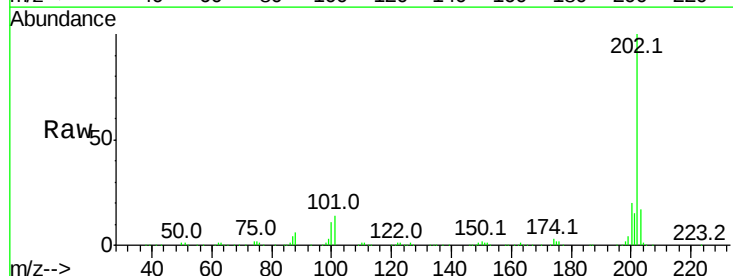
Instrument :
BNA_F
ClientSampleId :

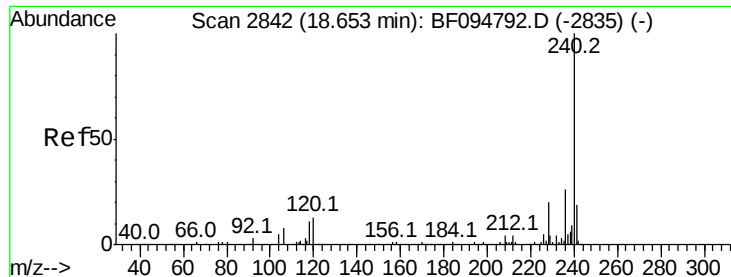
Tot Ion:149 Resp: 653387
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 39.28 ng
RT: 16.78 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion:202 Resp: 708817
Ion Ratio Lower Upper
202 100
101 13.9 0.0 33.2
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampleId :

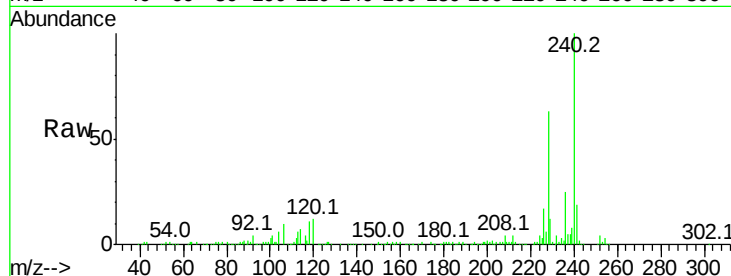
Tot Ion:240 Resp: 180589

Ion Ratio Lower Upper

240 100

120 12.4 5.8 8.8#

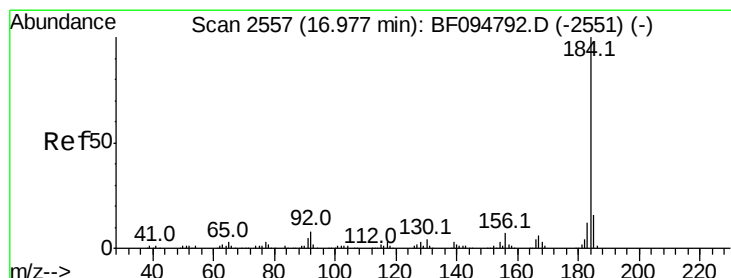
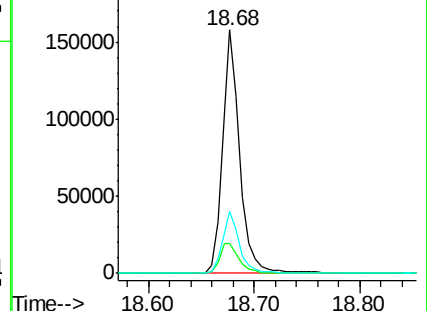
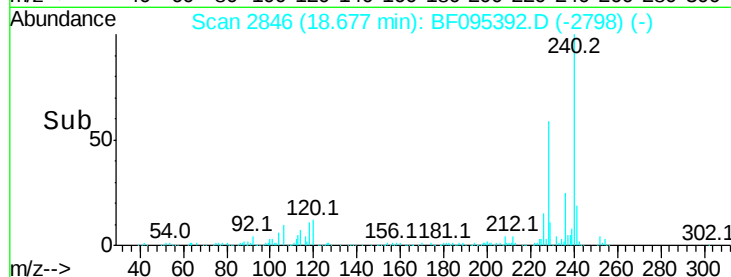
236 25.2 20.5 30.7



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: 17.88 ng

RT: 17.02 min Scan# 2565

Delta R.T. 0.01 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

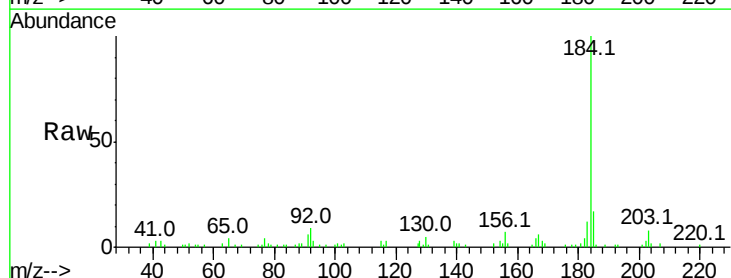
Tgt Ion:184 Resp: 63949

Ion Ratio Lower Upper

184 100

185 17.1 15.5 23.3

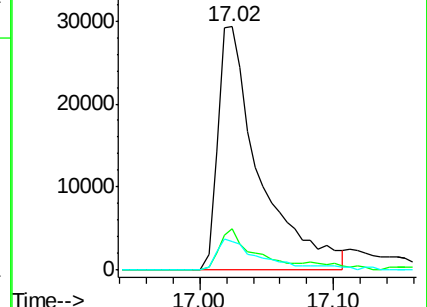
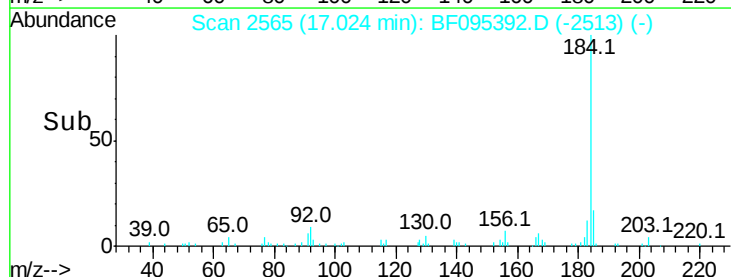
183 11.8 9.8 14.6

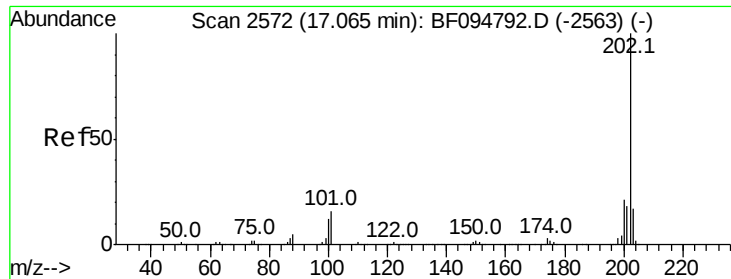


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

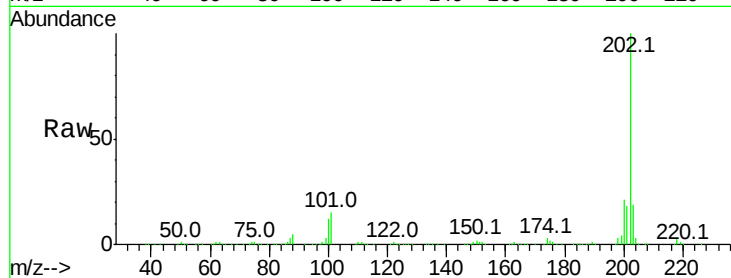




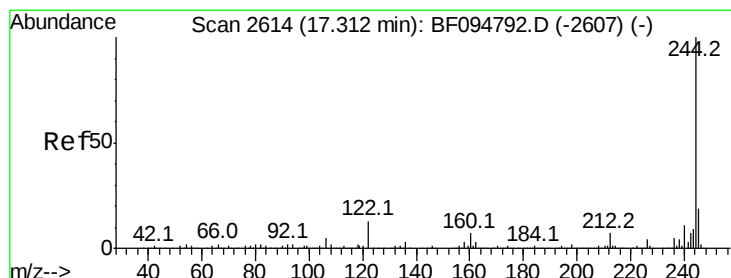
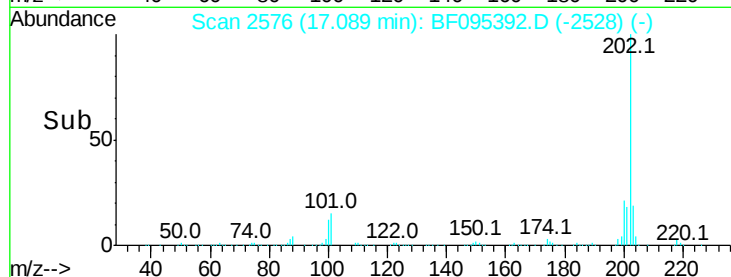
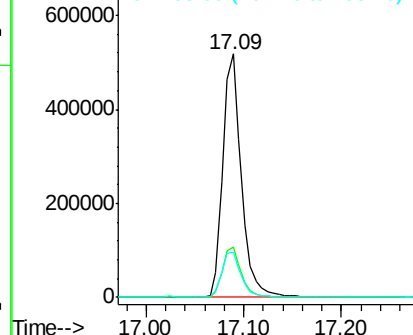
#77
Pvrene
Concen: 50.42 ng
RT: 17.09 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 680917
Ion Ratio Lower Upper
202 100
200 20.6 17.6 26.4
203 18.7 14.4 21.6

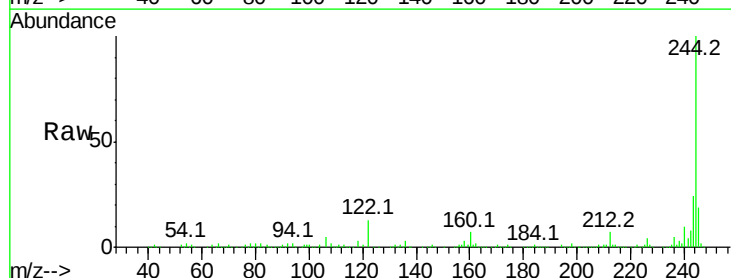


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

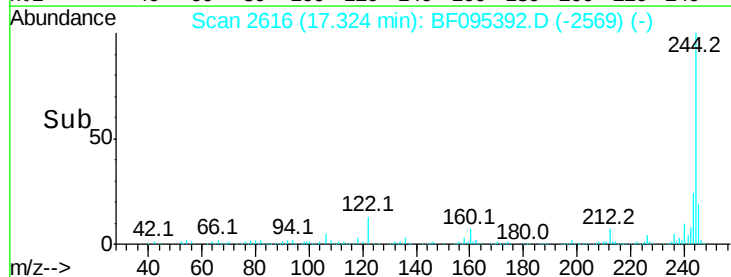
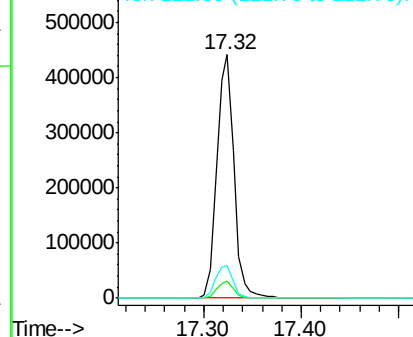


#78
Terphenyl-d14
Concen: 65.14 ng
RT: 17.32 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion:244 Resp: 534091
Ion Ratio Lower Upper
244 100
212 7.1 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

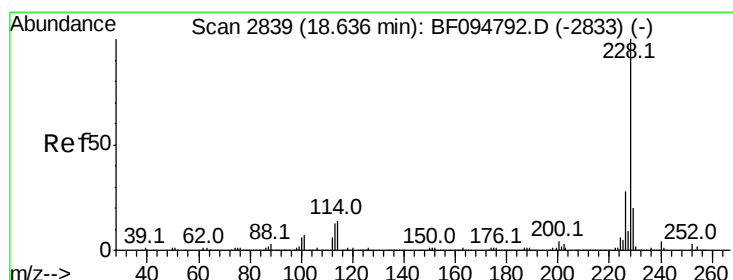
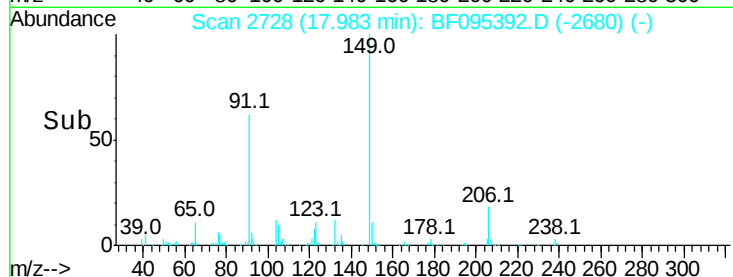
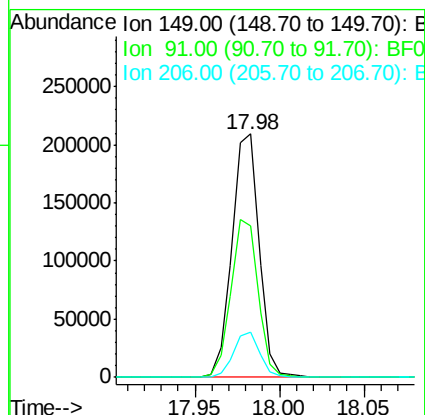
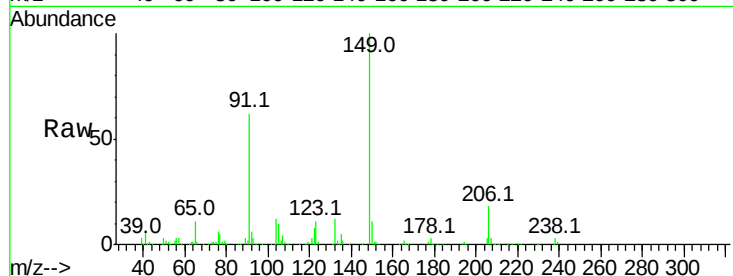




#79
Butylbenzylphthalate
Concen: 37.09 ng
RT: 17.98 min Scan# 2728
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

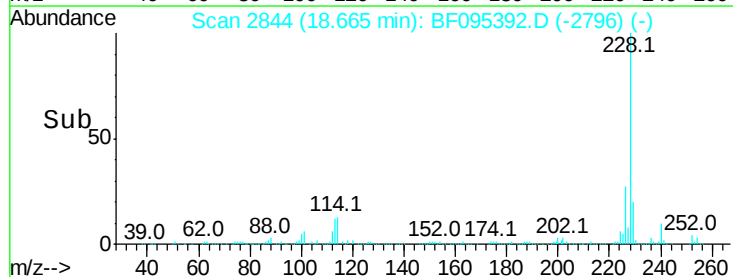
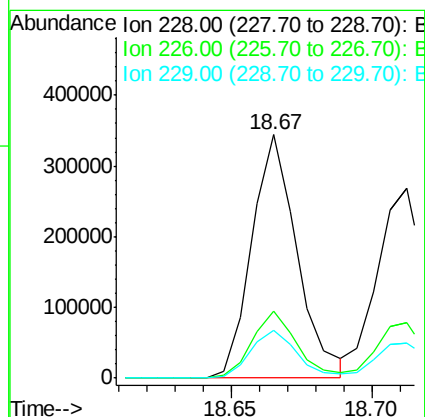
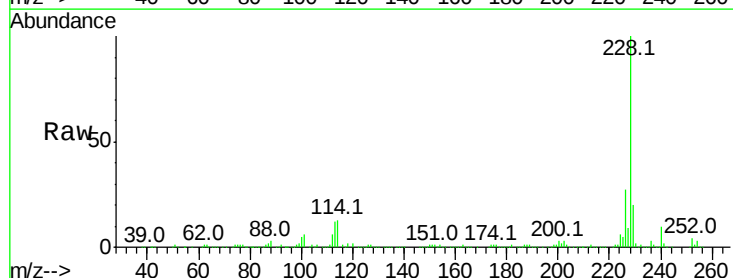
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	62.0	45.0	67.4
206	18.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 36.52 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF095392.D
Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.7	16.3	24.5

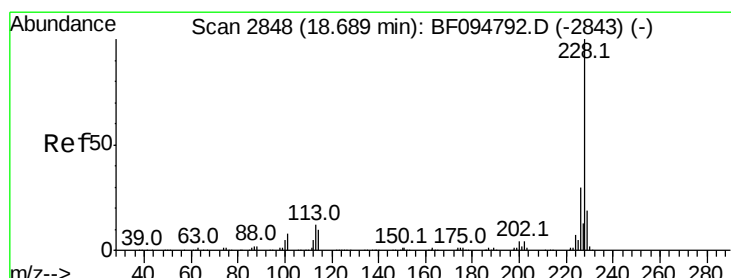
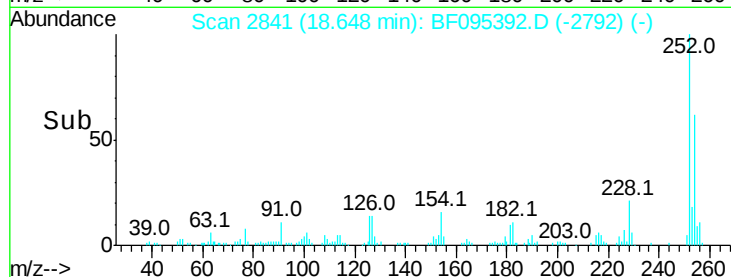
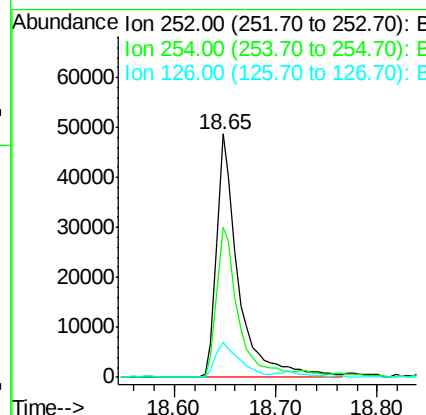
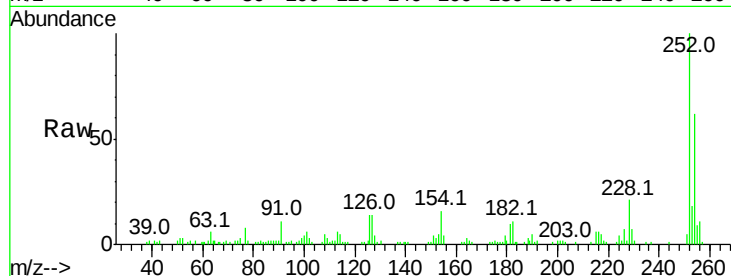




#81
 3,3'-Dichlorobenzidine
 Concen: 20.09 ng
 RT: 18.65 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

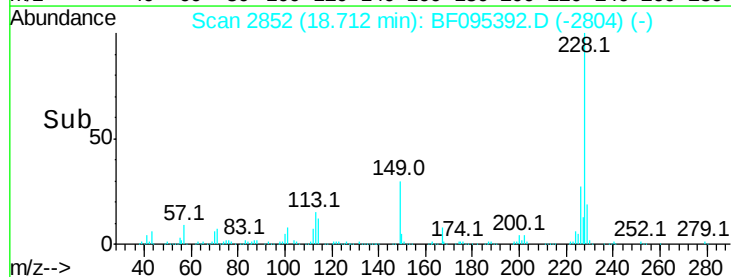
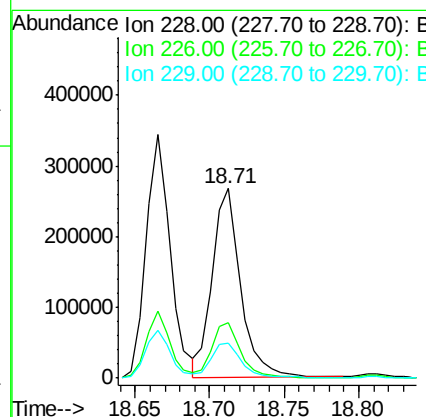
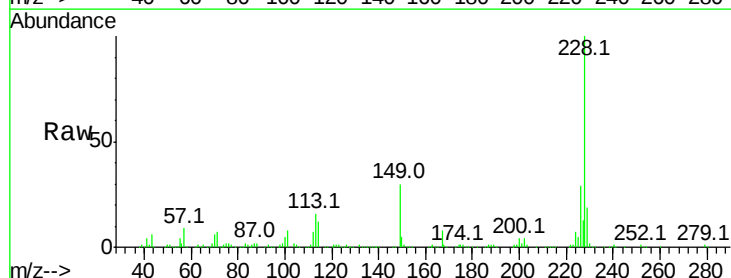
Instrument :
 BNA_F
 ClientSampled :

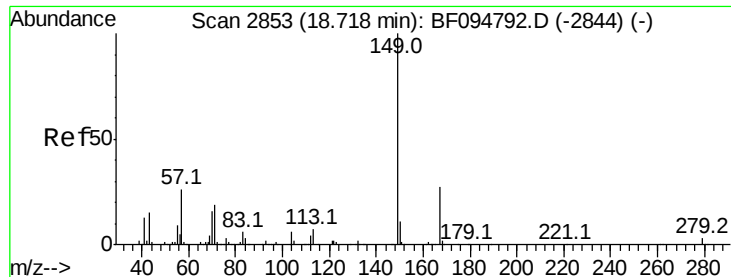
Tot Ion:252 Resp: 72934
 Ion Ratio Lower Upper
 252 100
 254 61.6 51.5 77.3
 126 14.3 15.8 23.8#



#82
 Chrysene
 Concen: 34.64 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion:228 Resp: 352066
 Ion Ratio Lower Upper
 228 100
 226 29.0 24.9 37.3
 229 18.8 15.8 23.6

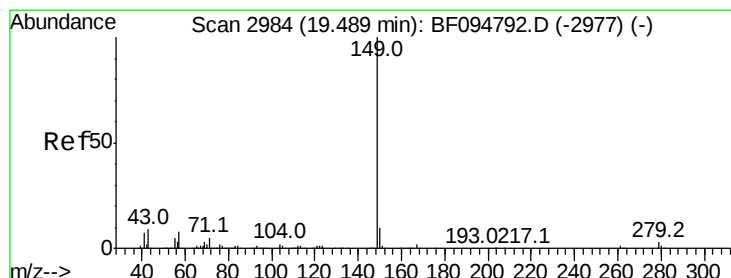
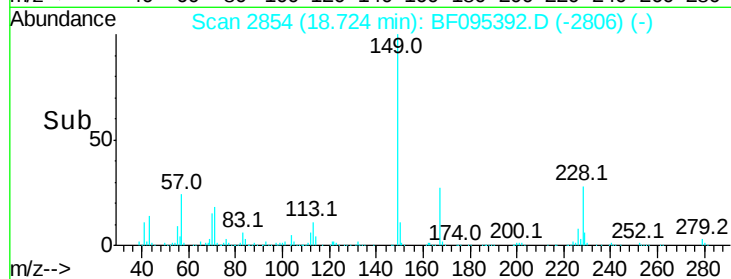
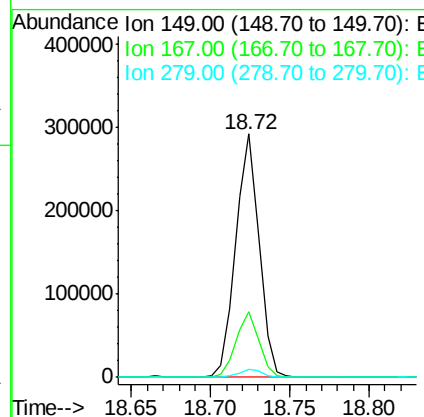
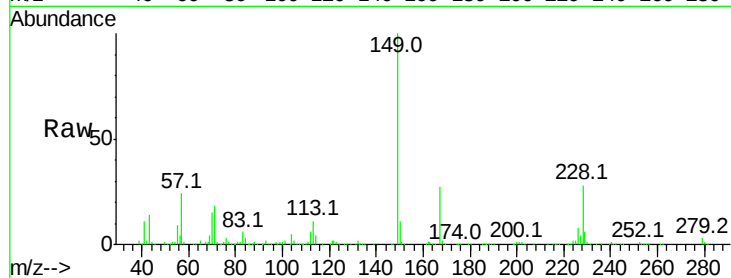




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.45 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

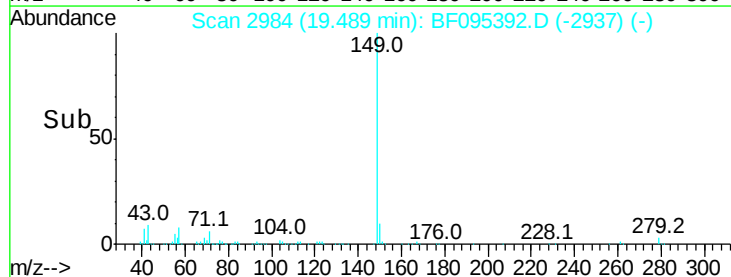
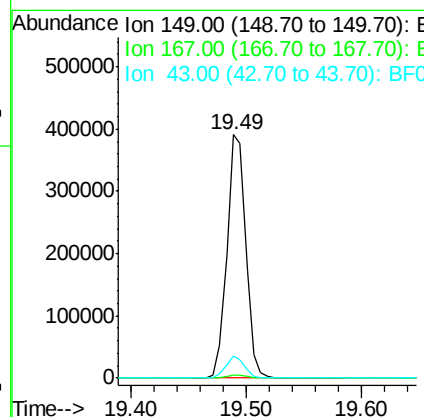
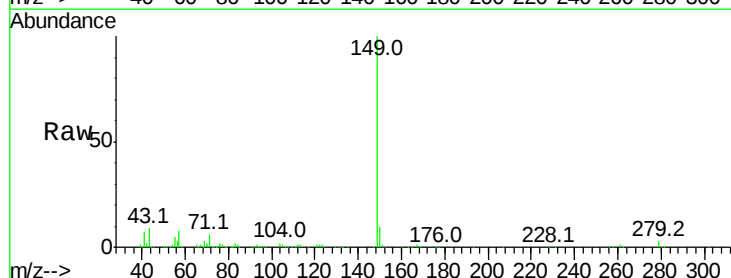
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.0	31.4
279	3.3	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 29.93 ng
 RT: 19.49 min Scan# 2984
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.6	8.5	12.7

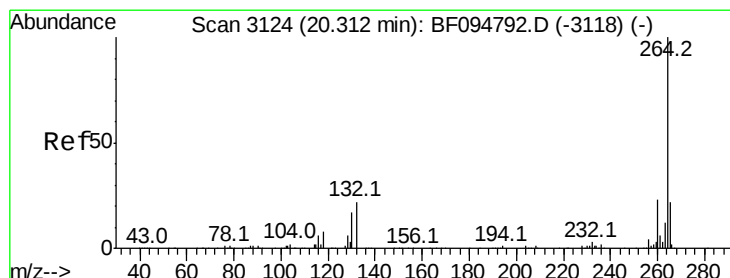
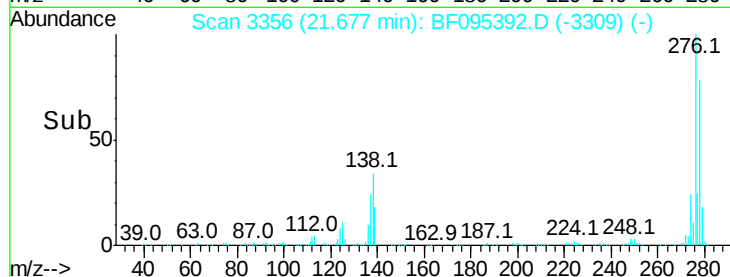
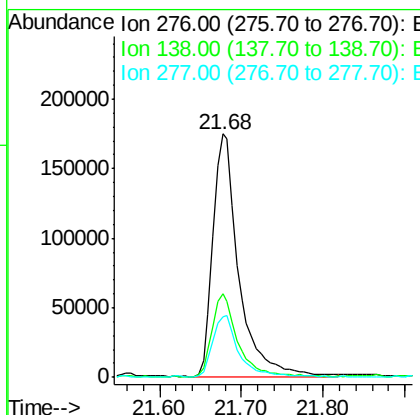
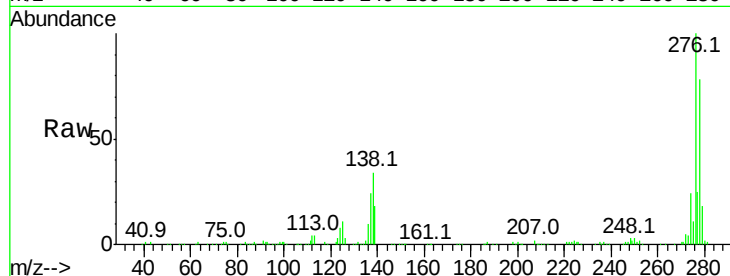




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.57 ng
 RT: 21.68 min Scan# 3356
 Delta R.T. -0.02 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

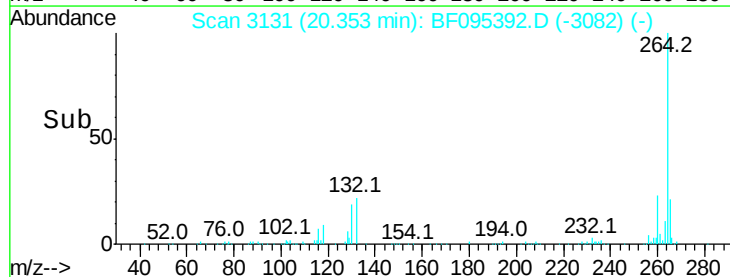
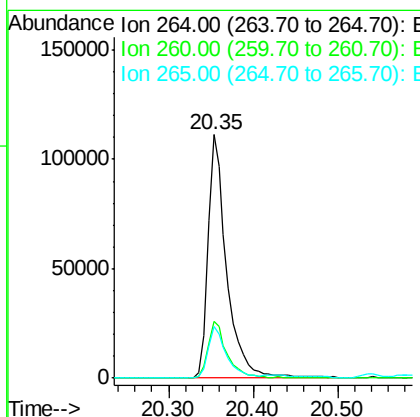
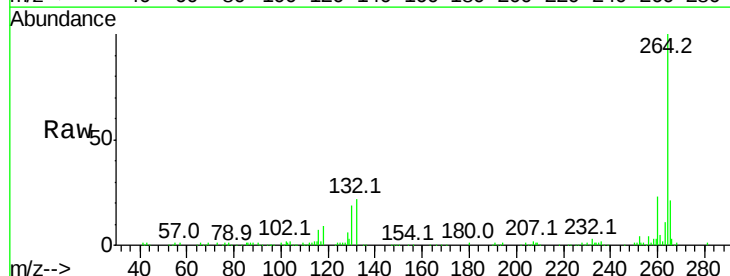
Instrument :
 BNA_F
 ClientSampleId :

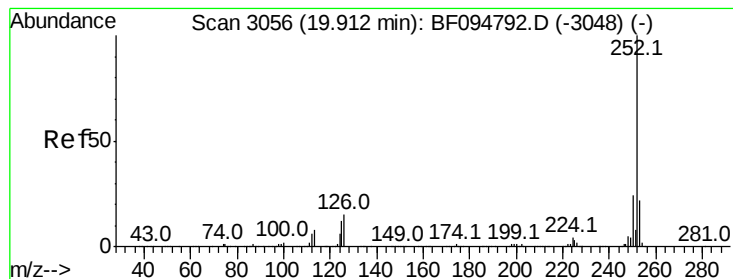
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.6	27.8	41.6
277	25.4	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BF095392.D
 Acq: 24 May 2017 16:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 33.00 ng

RT: 19.94 min Scan# 3061

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampleId :

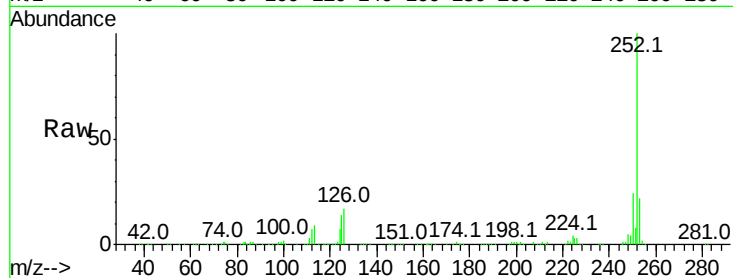
Tot Ion:252 Resp: 352580

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

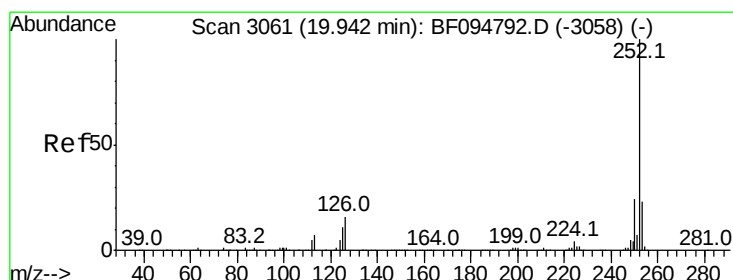
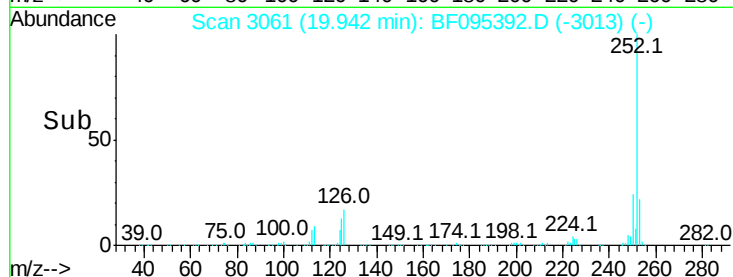
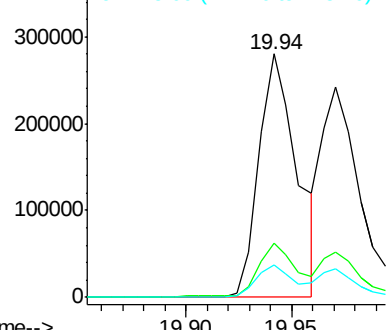
125 13.5 9.8 14.8



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: 30.51 ng

RT: 19.97 min Scan# 3066

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

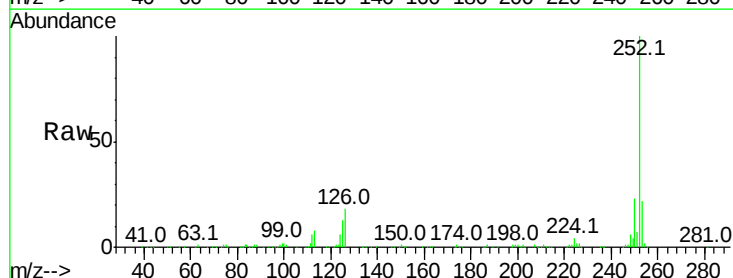
Tgt Ion:252 Resp: 314416

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

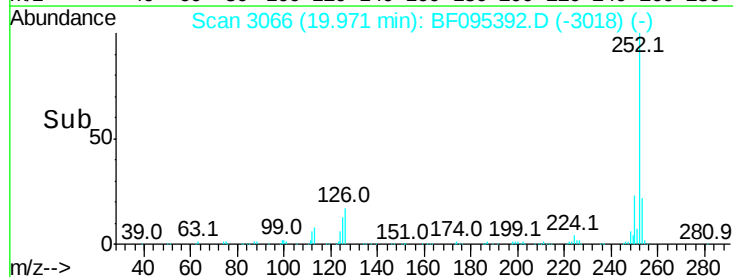
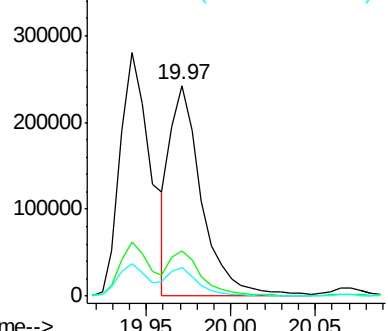
125 13.5 13.1 19.7

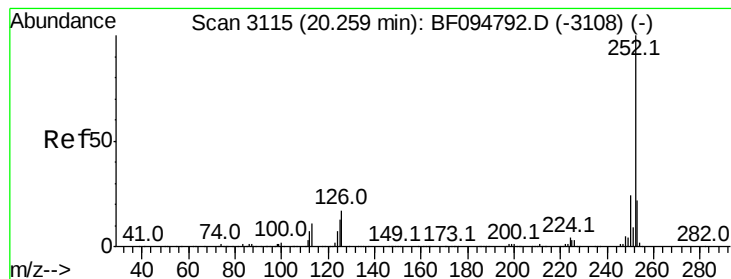


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 32.92 ng

RT: 20.29 min Scan# 3121

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampleId :

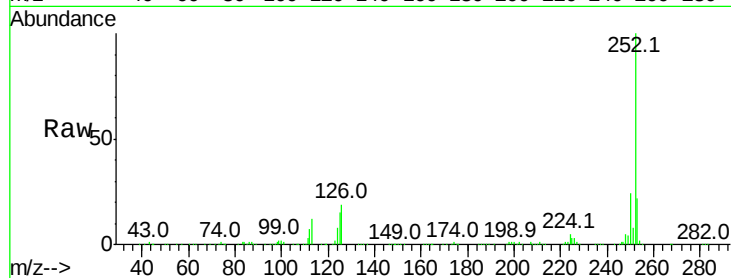
Tot Ion:252 Resp: 324539

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

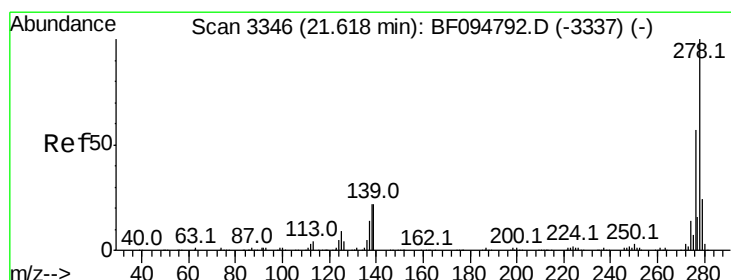
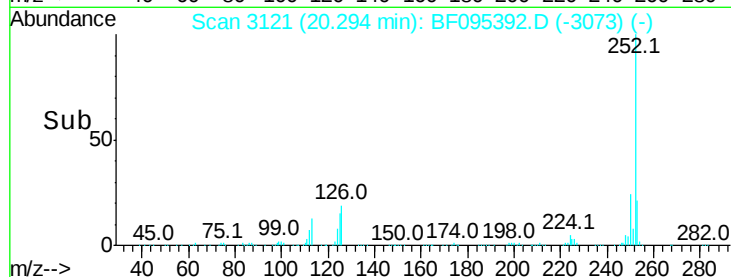
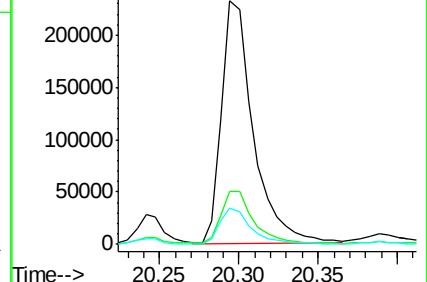
125 15.0 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.86 ng

RT: 21.68 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BF095392.D

Acq: 24 May 2017 16:51

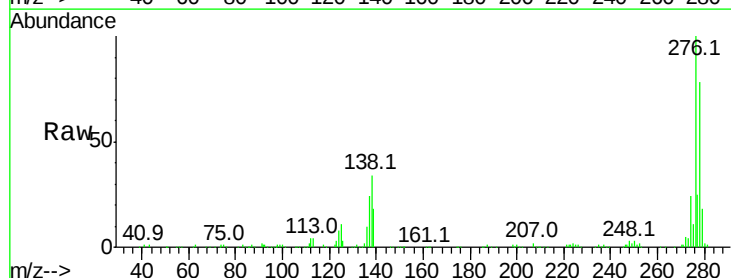
Tgt Ion:278 Resp: 308292

Ion Ratio Lower Upper

278 100

139 23.8 16.6 24.8

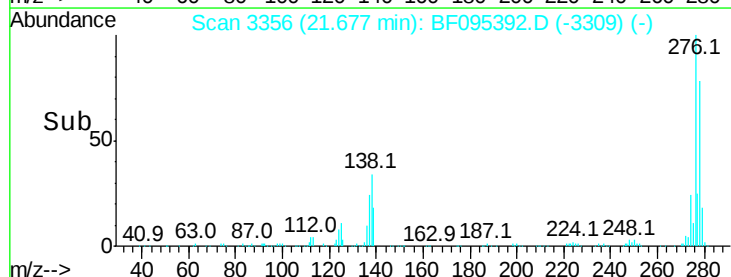
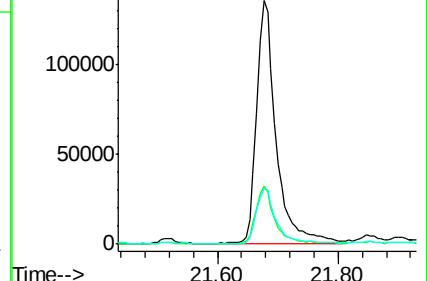
279 22.6 19.3 28.9

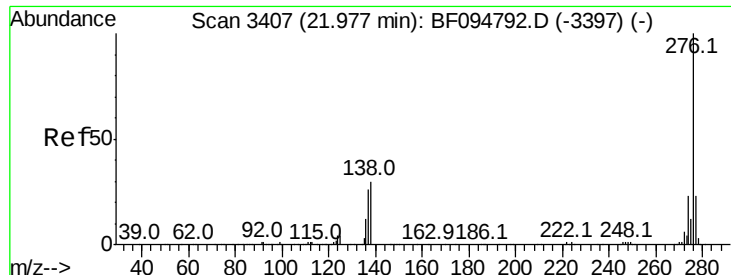


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.89 ng

RT: 22.06 min Scan# 3422

Delta R.T. -0.02 min

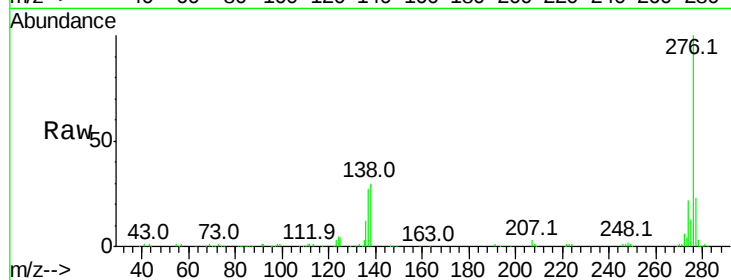
Lab File: BF095392.D

Acq: 24 May 2017 16:51

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	334736
Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	30.0	25.4	38.0

