

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095230.D
 Acq On : 18 May 2017 19:22
 Operator : SJ/MA
 Sample : I3140-18MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 01:04:56 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	7.78	152	93695	20.00	ng	0.01
21) Naphthalene-d8	9.79	136	386041	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	182066	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	315190	20.00	ng	0.00
75) Chrysene-d12	18.69	240	242631	20.00	ng	0.00
86) Perylene-d12	20.37	264	161125	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	313400	55.77	ng	0.09
7) Phenol-d6	7.33	99	461459	68.44	ng	0.02
23) Nitrobenzene-d5	8.68	82	517517	84.53	ng	0.01
41) 2,4,6-Tribromophenol	13.92	330	94742	63.54	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1032892	81.66	ng	0.00
78) Terphenyl-d14	17.34	244	875800	79.50	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.31	88	77661	28.18	ng	93
3) Pyridine	2.98	79	175765	27.52	ng	99
4) n-Nitrosodimethylamine	2.92	42	74587	28.01	ng	84
6) Aniline	7.30	93	338415	39.75	ng	95
8) 2-Chlorophenol	7.49	128	146020	22.83	ng	93
9) Benzaldehyde	7.12	77	82327	19.99	ng	97
10) Phenol	7.35	94	128037	18.02	ng	95
11) bis(2-Chloroethyl)ether	7.42	93	225569	38.45	ng	96
12) 1,3-Dichlorobenzene	7.68	146	256514	35.35	ng	97
13) 1,4-Dichlorobenzene	7.80	146	267561	36.36	ng	97
14) 1,2-Dichlorobenzene	8.04	146	253517	36.91	ng	96
15) Benzyl Alcohol	8.07	79	202116	46.60	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.27	45	310990	37.46	ng	94
17) 2-Methylphenol	8.28	107	134107	25.62	ng	94
18) Hexachloroethane	8.55	117	89239	35.80	ng	# 86
19) n-Nitroso-di-n-propylamine	8.48	70	187205	41.05	ng	# 92
20) 3+4-Methylphenols	8.54	107	169594	23.84	ng	# 56
22) Acetophenone	8.45	105	369740	39.92	ng	# 84
24) Nitrobenzene	8.71	77	258327	40.26	ng	94
25) Isophorone	9.11	82	481779	44.07	ng	94
26) 2-Nitrophenol	9.22	139	72097	20.82	ng	97
27) 2,4-Dimethylphenol	9.35	122	163943	29.29	ng	99
28) bis(2-Chloroethoxy)methane	9.47	93	272499	36.03	ng	99
29) 2,4-Dichlorophenol	9.65	162	115811	21.91	ng	98
30) 1,2,4-Trichlorobenzene	9.71	180	215442	38.04	ng	99
31) Naphthalene	9.82	128	746008	38.45	ng	98
32) Benzoic acid	9.71	122	1235	5.38	ng	# 12
33) 4-Chloroaniline	9.96	127	290543	40.18	ng	# 93
34) Hexachlorobutadiene	10.04	225	104946	35.12	ng	97
35) Caprolactam	10.57	113	57393	36.16	ng	89
36) 4-Chloro-3-methylphenol	10.83	107	144489	25.57	ng	87
37) 2-Methylnaphthalene	10.95	142	540918	42.48	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	212225	37.90	ng	98
40) Hexachlorocyclopentadiene	11.20	237	64648	31.44	ng	99

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

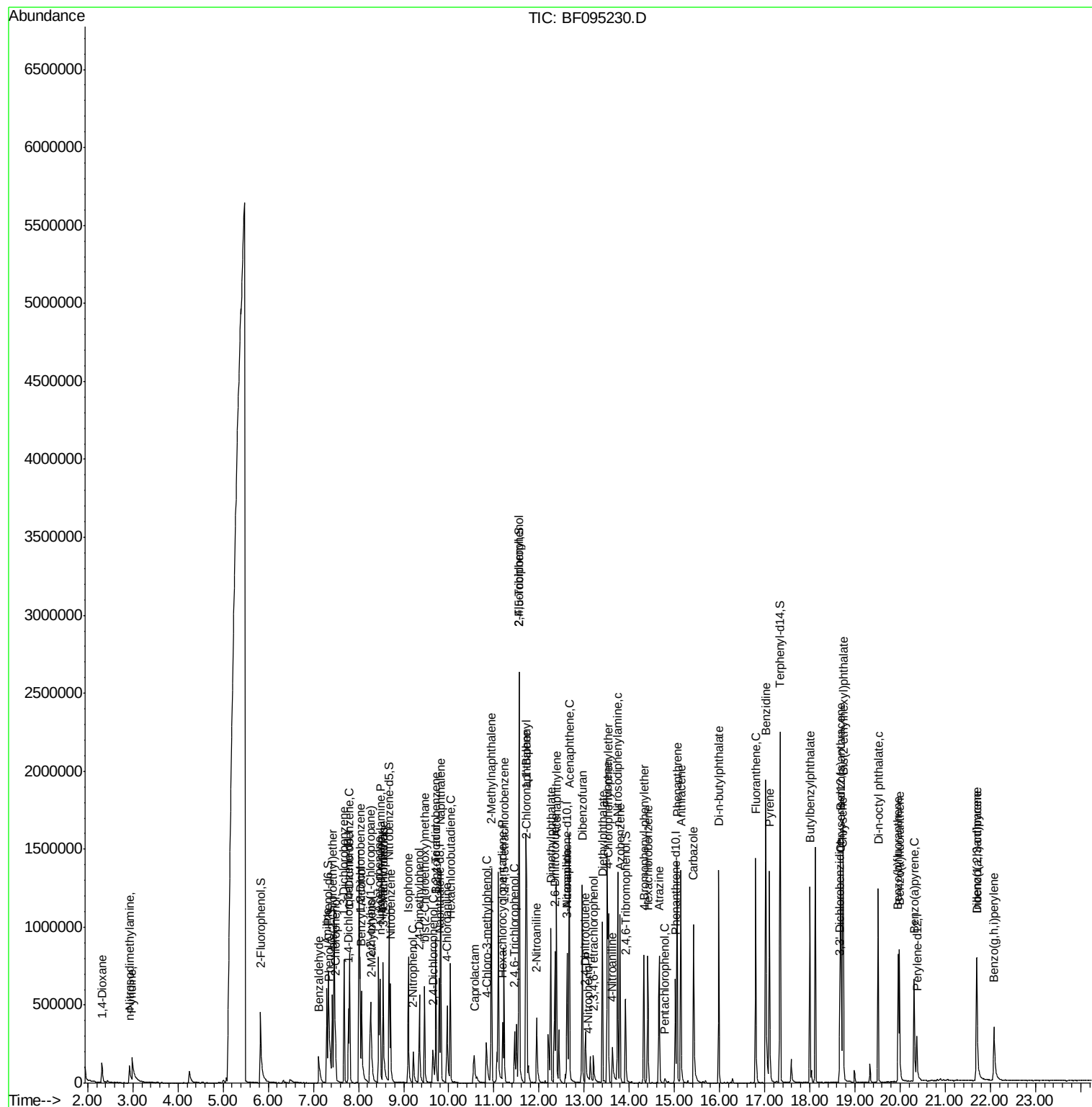
42) 2,4,6-Trichlorophenol	11.45	196	84935	22.72	nq	99
43) 2,4,5-Trichlorophenol	11.56	196	65587	16.32	nq	# 93
45) 1,1'-Biphenyl	11.71	154	620834	40.50	nq	98
46) 2-Chloronaphthalene	11.73	162	480467	38.82	nq	96
47) 2-Nitroaniline	11.95	65	116849	34.49	nq	# 82
48) Acenaphthylene	12.39	152	775782	40.02	nq	99
49) Dimethylphthalate	12.26	163	556307	37.22	nq	99
50) 2,6-Dinitrotoluene	12.35	165	125875	41.28	nq	93
51) Acenaphthene	12.67	154	450422	38.90	nq	99
52) 3-Nitroaniline	12.63	138	124079	37.91	nq	86
54) Dibenzofuran	12.96	168	697551	43.53	nq	97
55) 4-Nitrophenol	13.09	139	8677	4.41	nq	# 75
56) 2,4-Dinitrotoluene	13.02	165	136322	34.79	nq	# 94
57) Fluorene	13.51	166	549134	39.41	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	39603	15.66	nq	# 94
59) Diethylphthalate	13.41	149	550548	38.43	nq	99
60) 4-Chlorophenyl-phenylether	13.54	204	249421	40.73	nq	90
61) 4-Nitroaniline	13.63	138	105291	35.04	nq	94
62) Azobenzene	13.79	77	512697	44.54	nq	93
65) n-Nitrosodiphenylamine	13.74	169	469957	41.08	nq	99
66) 4-Bromophenyl-phenylether	14.32	248	136274	40.92	nq	97
67) Hexachlorobenzene	14.41	284	139008	40.73	nq	# 88
68) Atrazine	14.67	200	145779	45.13	nq	97
69) Pentachlorophenol	14.79	266	11883	13.00	nq	90
70) Phenanthrene	15.06	178	751858	41.52	nq	98
71) Anthracene	15.14	178	782392	42.29	nq	98
72) Carbazole	15.42	167	720199	42.79	nq	97
73) Di-n-butylphthalate	15.98	149	896685	42.72	nq	99
74) Fluoranthene	16.80	202	780604	42.02	nq	99
76) Benzidine	17.03	184	1227413	167.96	nq	# 93
77) Pyrene	17.11	202	769027	42.38	nq	99
79) Butylbenzylphthalate	18.00	149	350588	41.54	nq	88
80) Benzo(a)anthracene	18.68	228	559859	39.65	nq	98
81) 3,3'-Dichlorobenzidine	18.66	252	148943	30.54	nq	# 96
82) Chrysene	18.72	228	541504	39.66	nq	99
83) Bis(2-ethylhexyl)phthalate	18.74	149	502622	41.80	nq	100
84) Di-n-octyl phthalate	19.51	149	700000	35.50	nq	# 95
85) Indeno(1,2,3-cd)pyrene	21.70	276	395901	35.70	nq	99
87) Benzo(b)fluoranthene	19.96	252	403930	40.57	nq	98
88) Benzo(k)fluoranthene	19.98	252	437196	45.52	nq	96
89) Benzo(a)pyrene	20.31	252	378940	41.25	nq	100
90) Dibenzo(a,h)anthracene	21.70	278	333144	43.91	nq	96
91) Benzo(g,h,i)perylene	22.08	276	316200	42.47	nq	98

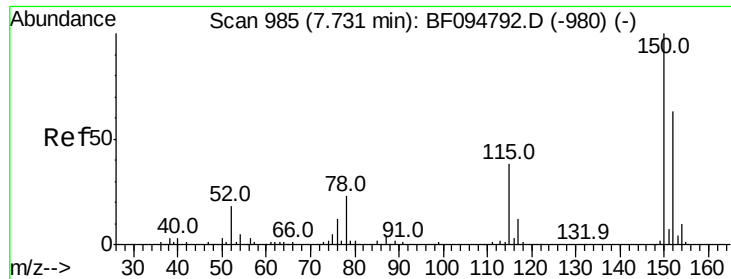
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.78 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

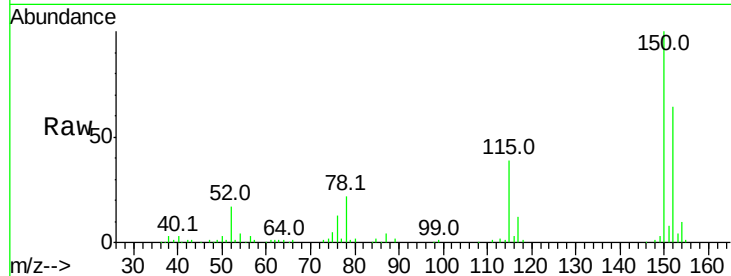
Tot Ion:152 Resp: 93695

Ion Ratio Lower Upper

152 100

150 155.7 126.2 189.2

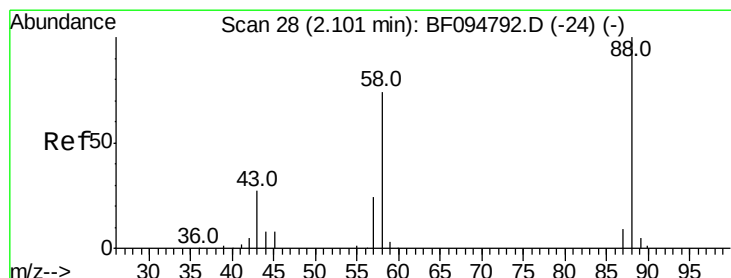
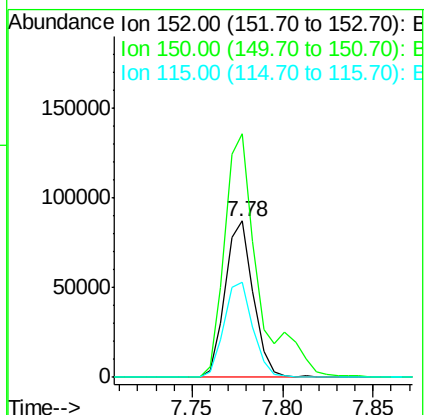
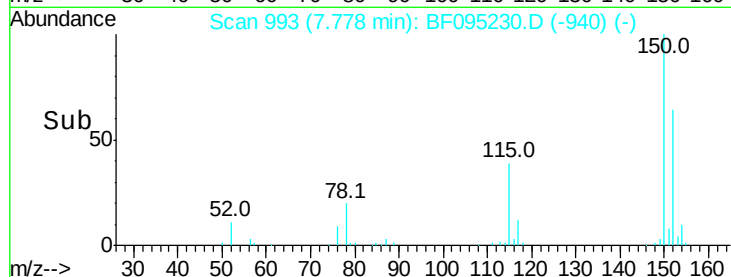
115 60.7 52.2 78.2



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: 28.18 ng

RT: 2.31 min Scan# 64

Delta R.T. 0.08 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

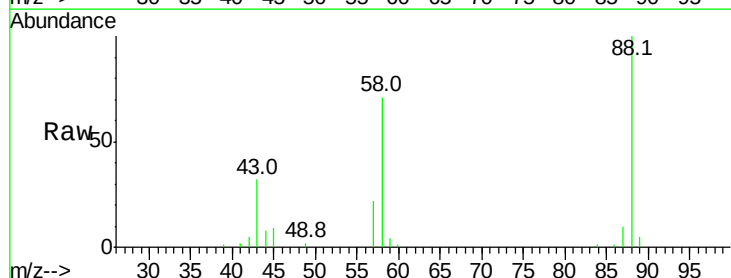
Tgt Ion: 88 Resp: 77661

Ion Ratio Lower Upper

88 100

58 70.5 61.4 92.0

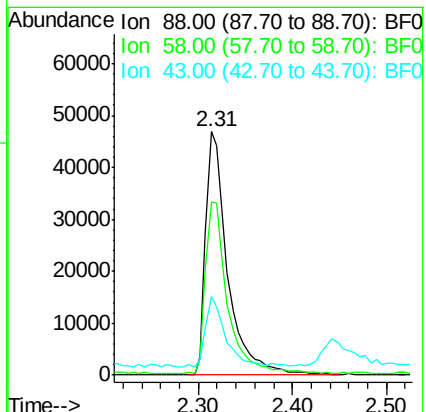
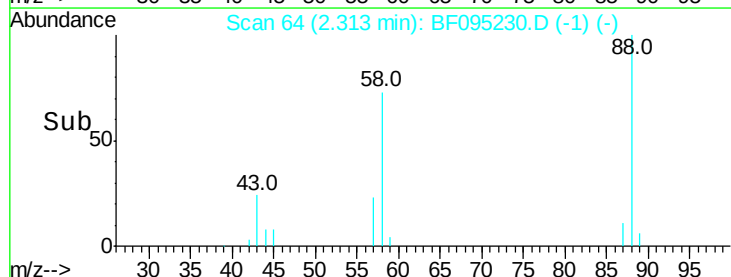
43 26.5 23.4 35.0

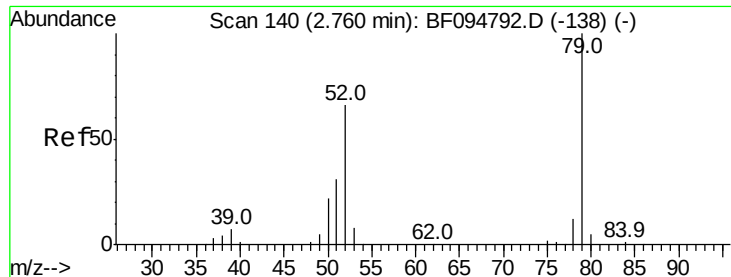


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 27.52 ng

RT: 2.98 min Scan# 178

Delta R.T. 0.06 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

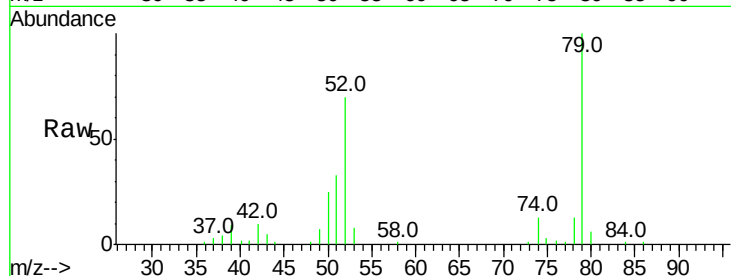
Tot Ion: 79 Resp: 175765

Ion Ratio Lower Upper

79 100

52 69.6 54.8 82.2

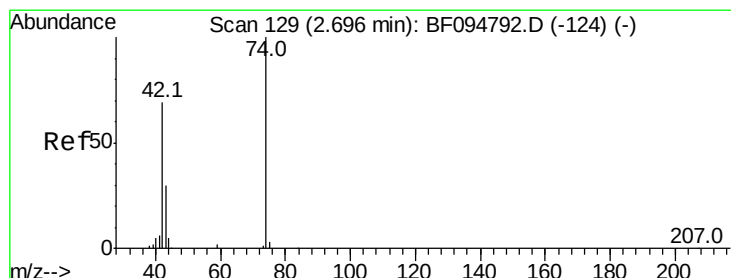
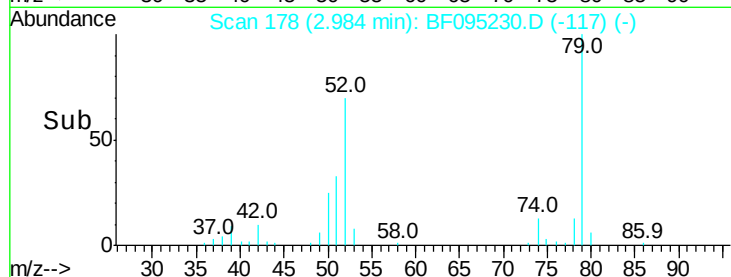
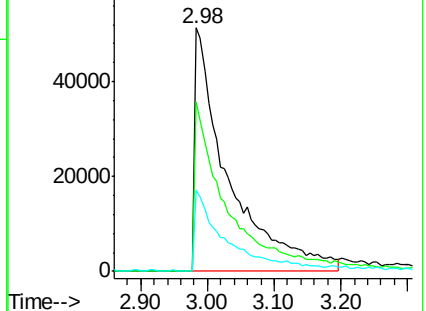
51 33.1 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 28.01 ng

RT: 2.92 min Scan# 168

Delta R.T. 0.08 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

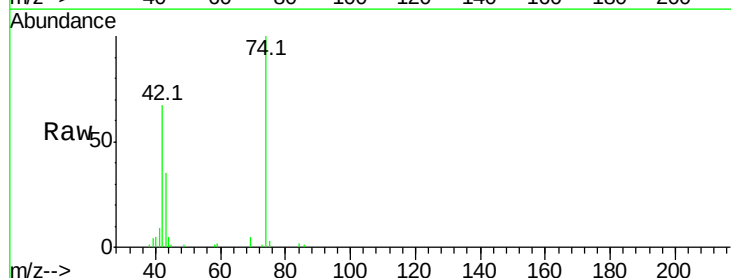
Tgt Ion: 42 Resp: 74587

Ion Ratio Lower Upper

42 100

74 150.0 103.9 155.9

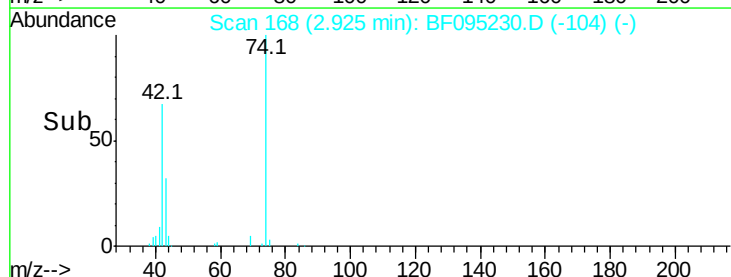
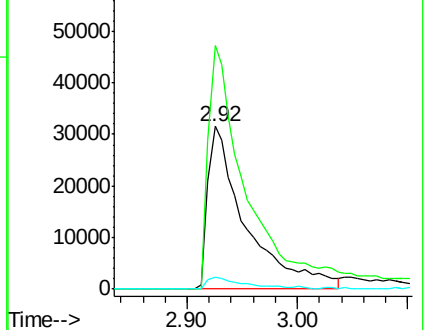
44 7.6 5.7 8.5

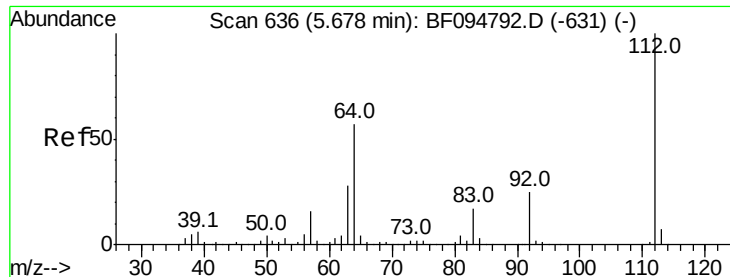


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 55.77 ng

RT: 5.82 min Scan# 661

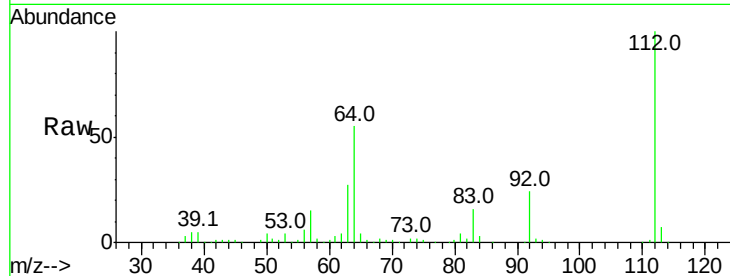
Delta R.T. 0.09 min

Lab File: BF095230.D

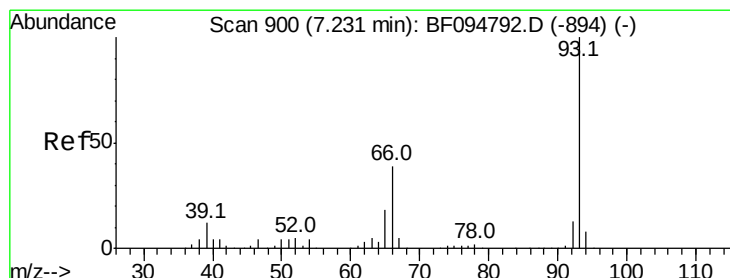
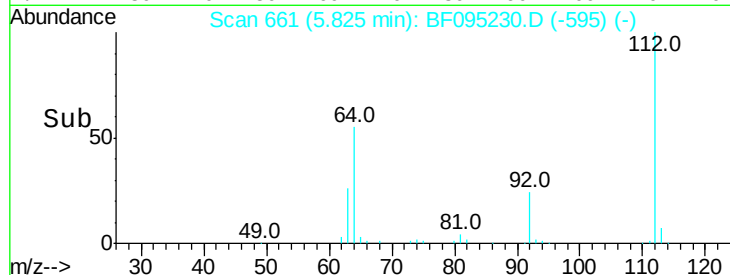
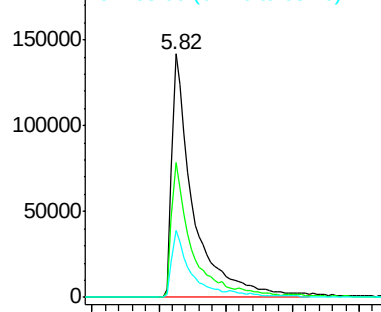
Acq: 18 May 2017 19:22

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BNA_F
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Tot Ion:	112	Resp:	313400
Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.0	69.0
63	27.5	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 39.75 ng

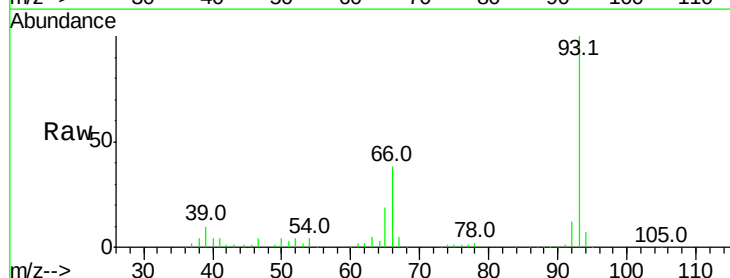
RT: 7.30 min Scan# 911

Delta R.T. 0.02 min

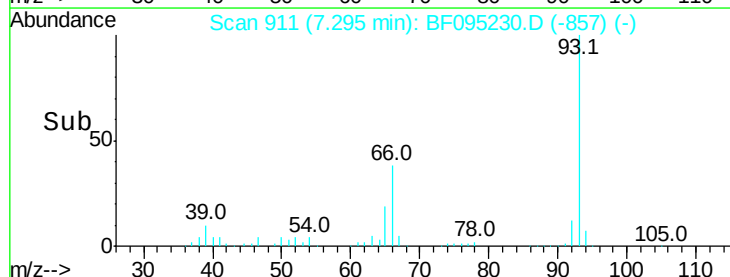
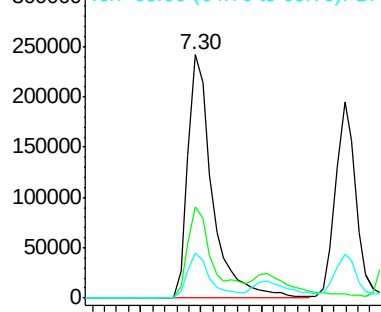
Lab File: BF095230.D

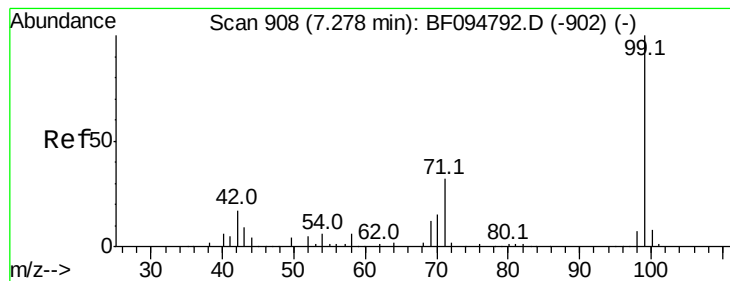
Acq: 18 May 2017 19:22

Tgt Ion:	93	Resp:	338415
Ion	Ratio	Lower	Upper
93	100		
66	37.7	32.9	49.3
65	18.7	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 68.44 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.02 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

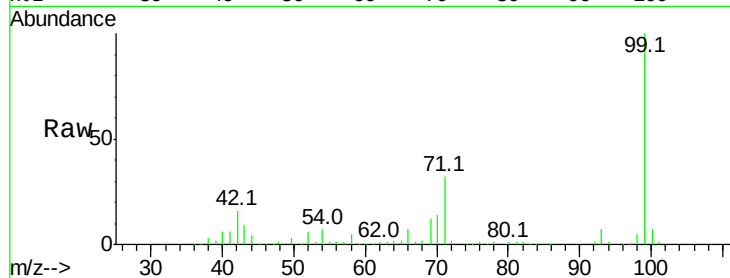
Tot Ion: 99 Resp: 461459

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

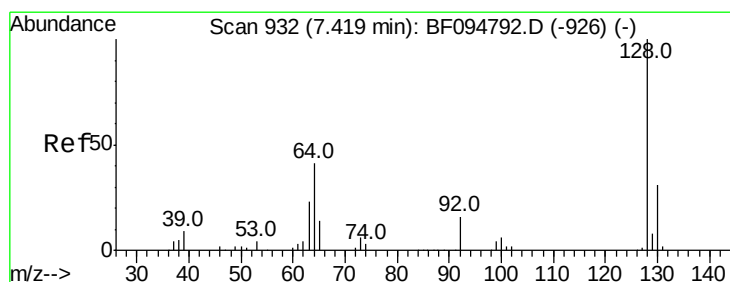
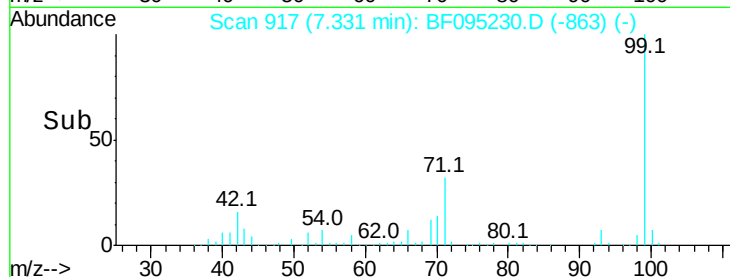
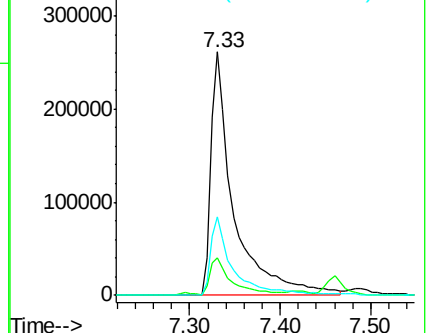
71 32.3 24.5 36.7



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: 22.83 ng

RT: 7.49 min Scan# 944

Delta R.T. 0.03 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

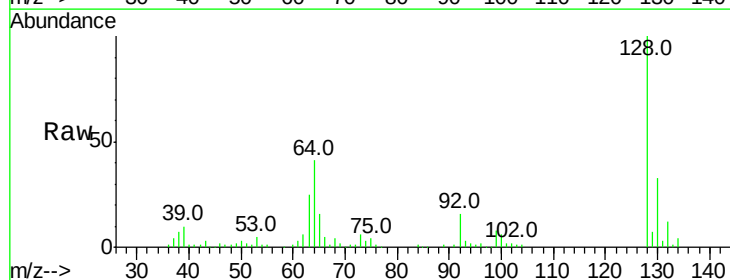
Tgt Ion:128 Resp: 146020

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

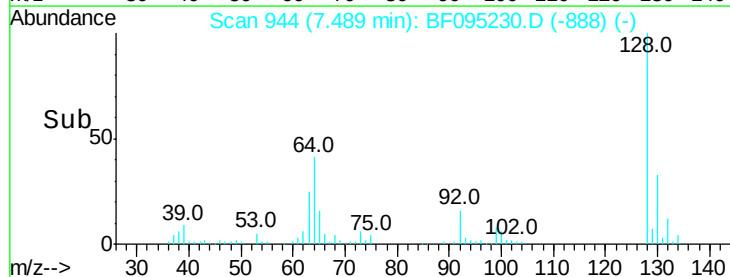
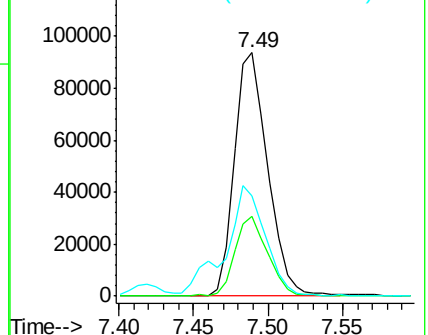
64 41.1 28.4 68.4

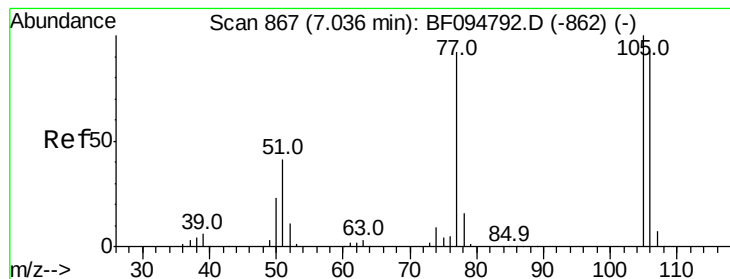


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.99 ng

RT: 7.12 min Scan# 881

Delta R.T. 0.03 min

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ClientSampled :

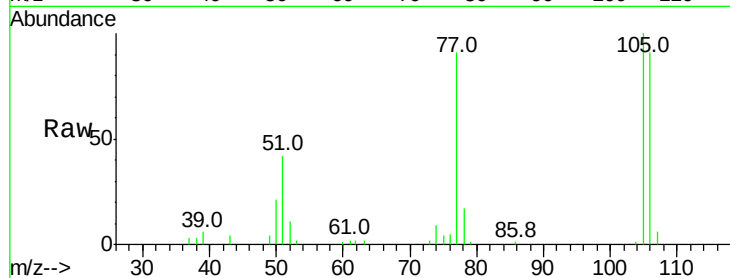
Tot Ion: 77 Resp: 82327

Ion Ratio Lower Upper

77 100

105 109.5 83.8 123.8

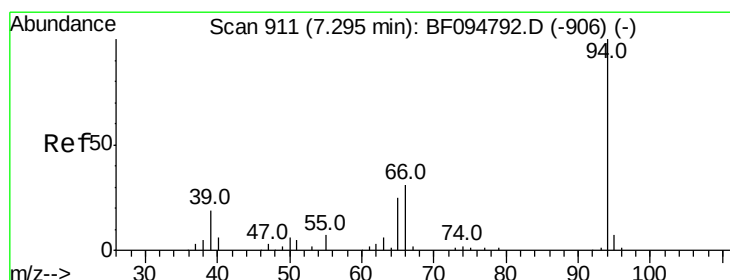
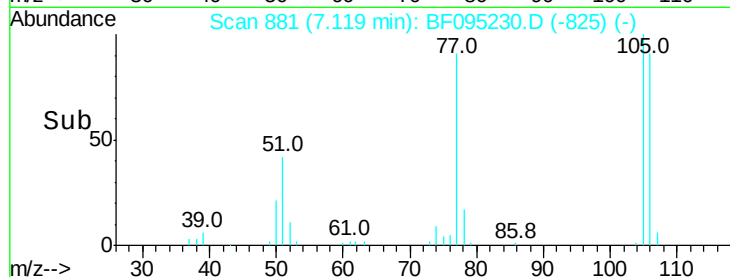
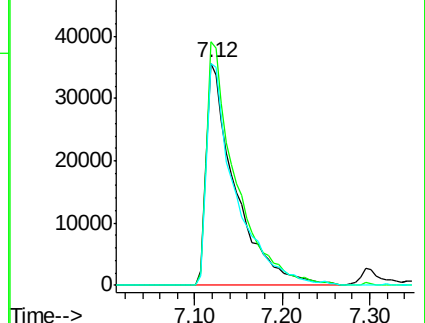
106 99.6 79.1 119.1



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: 18.02 ng

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: BF095230.D

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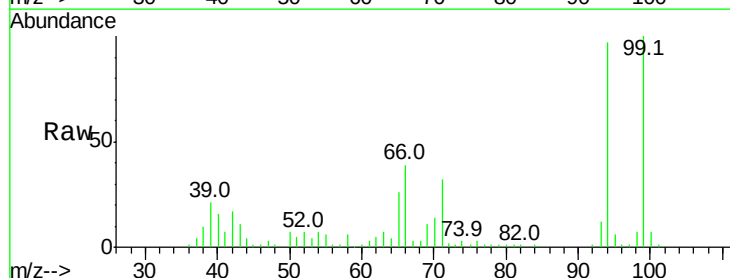
Tgt Ion: 94 Resp: 128037

Ion Ratio Lower Upper

94 100

65 27.2 9.9 49.9

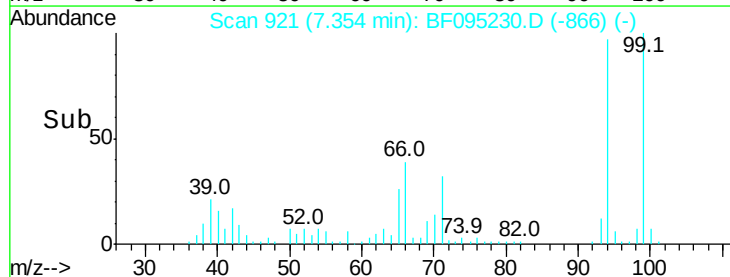
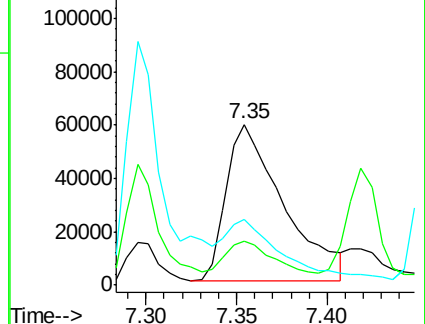
66 40.4 23.1 63.1

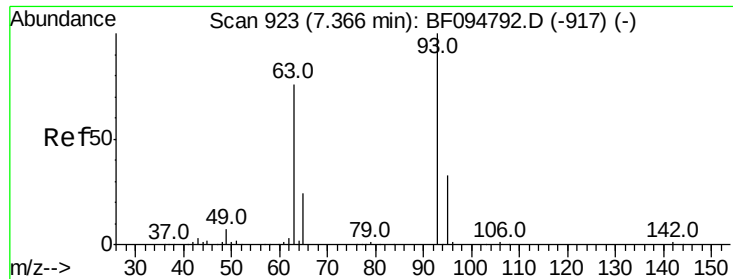


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.45 ng

RT: 7.42 min Scan# 932

Delta R.T. 0.02 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampled :

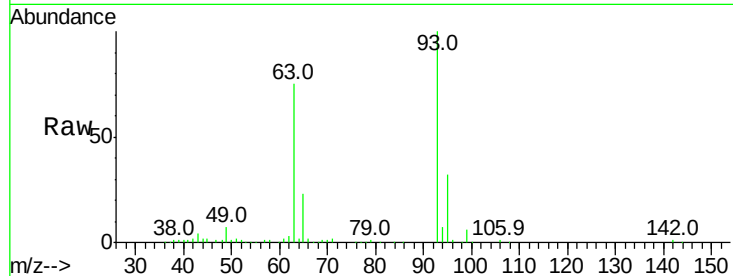
Tot Ion: 93 Resp: 225569

Ion Ratio Lower Upper

93 100

63 74.7 59.2 99.2

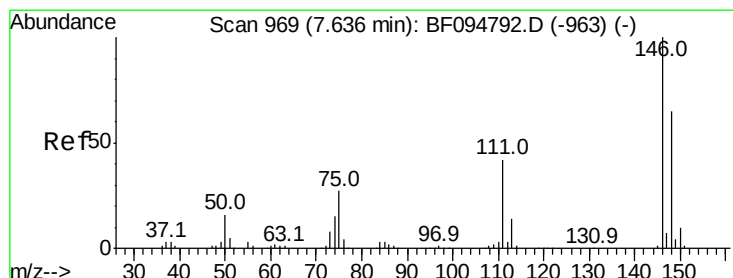
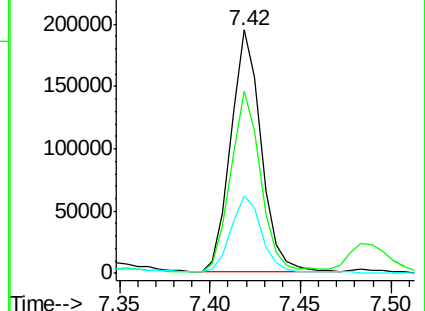
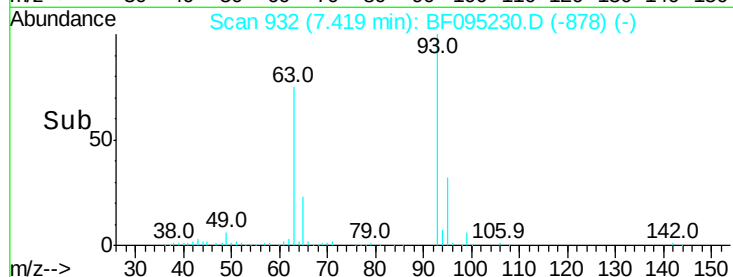
95 31.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.35 ng

RT: 7.68 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

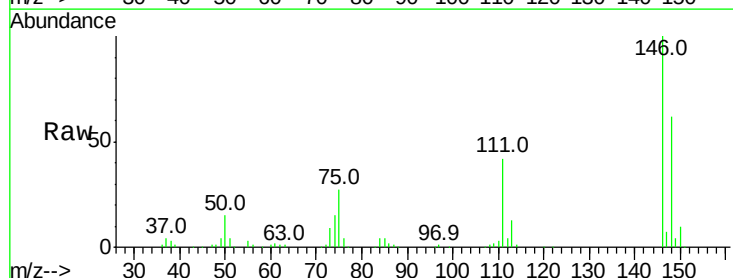
Tgt Ion: 146 Resp: 256514

Ion Ratio Lower Upper

146 100

148 62.0 51.8 77.6

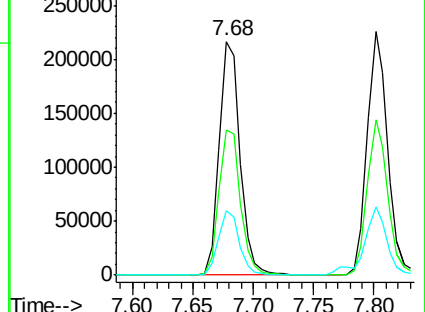
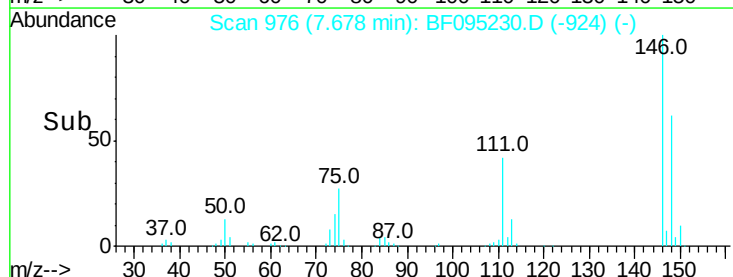
75 27.5 23.1 34.7

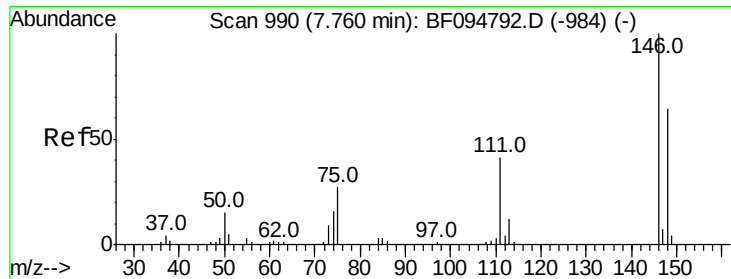


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

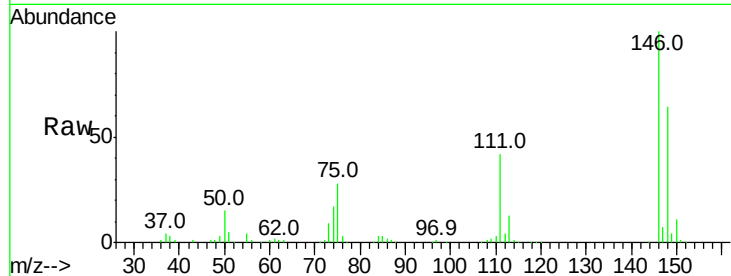




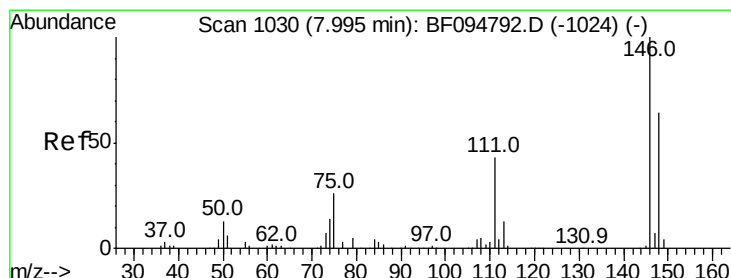
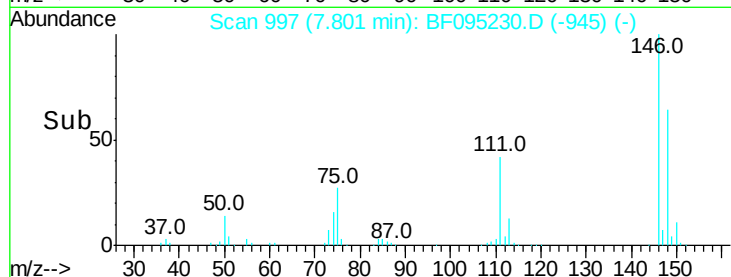
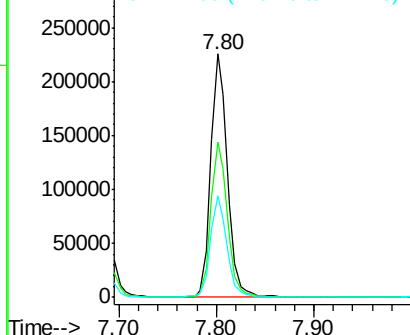
#13
 1,4-Dichlorobenzene
 Concen: 36.36 ng
 RT: 7.80 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 267561
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.2
 111 41.7 30.3 45.5

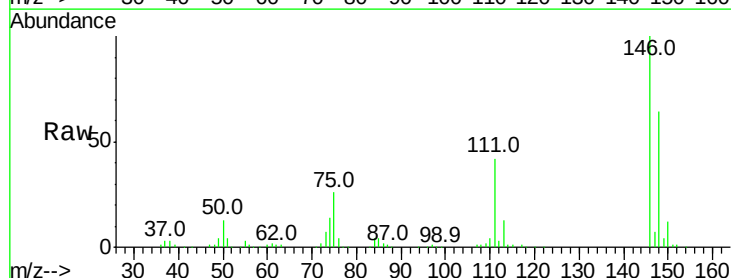


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

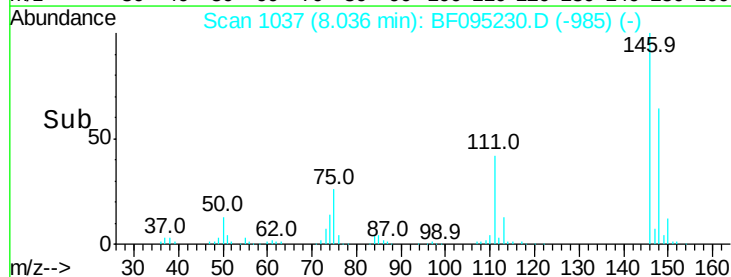
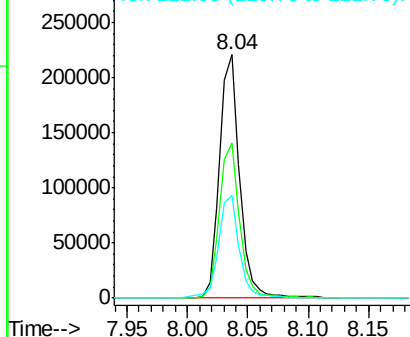


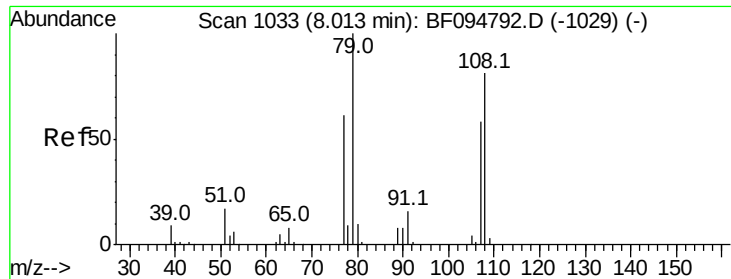
#14
 1,2-Dichlorobenzene
 Concen: 36.91 ng
 RT: 8.04 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion:146 Resp: 253517
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 111 42.4 38.2 57.4



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

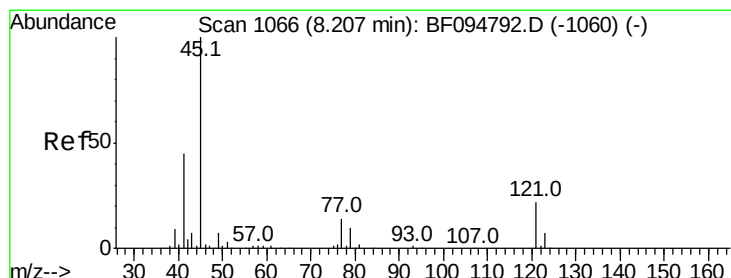
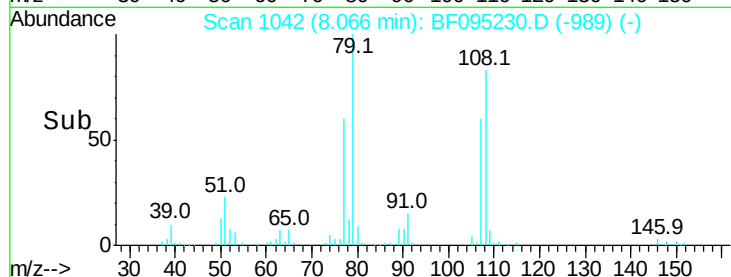
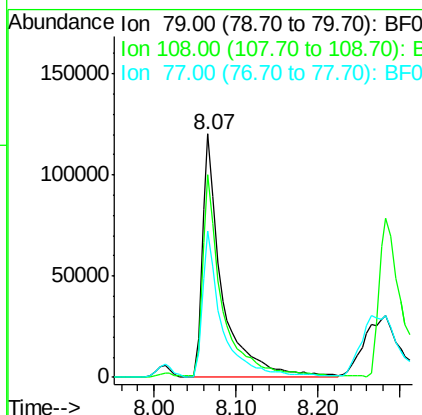
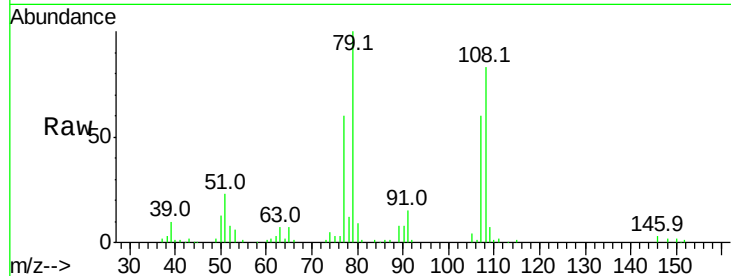




#15
Benzyl Alcohol
Concen: 46.60 ng
RT: 8.07 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

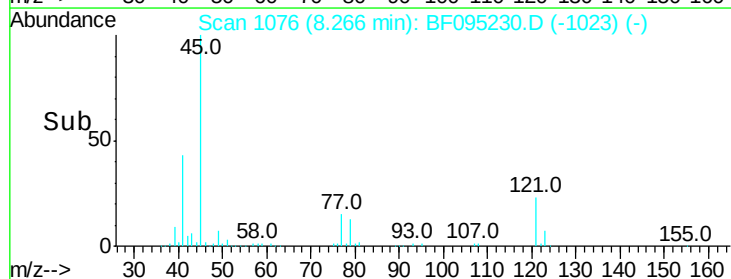
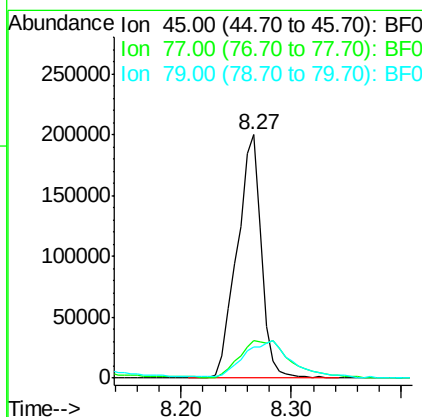
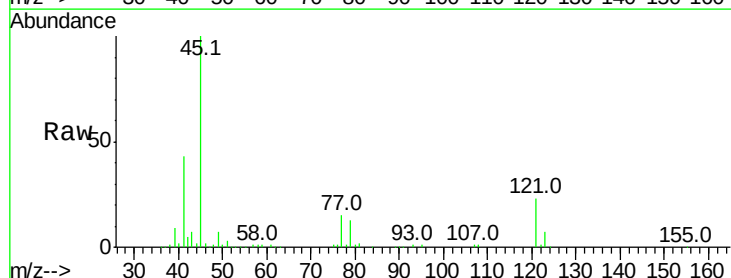
Instrument :
BNA_F
ClientSampleId :

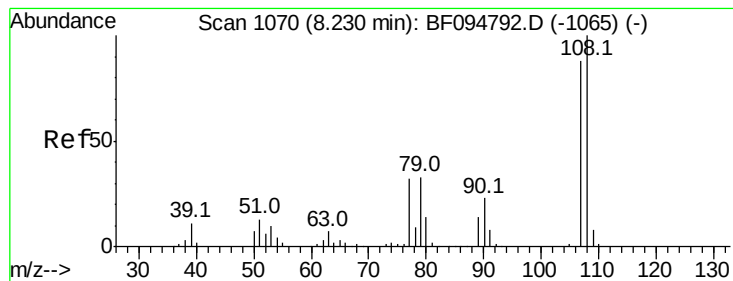
Tot Ion: 79 Resp: 202116
Ion Ratio Lower Upper
79 100
108 83.1 63.4 95.0
77 59.9 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.46 ng
RT: 8.27 min Scan# 1076
Delta R.T. 0.01 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion: 45 Resp: 310990
Ion Ratio Lower Upper
45 100
77 15.3 0.0 33.2
79 12.9 0.0 30.0

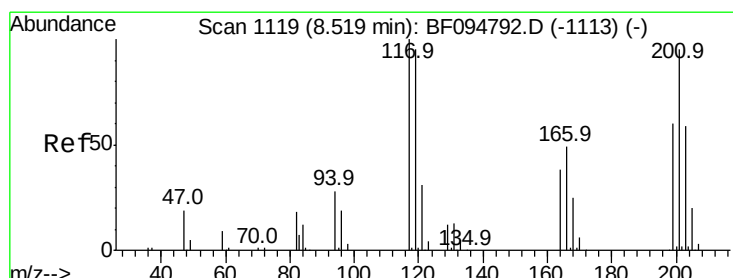
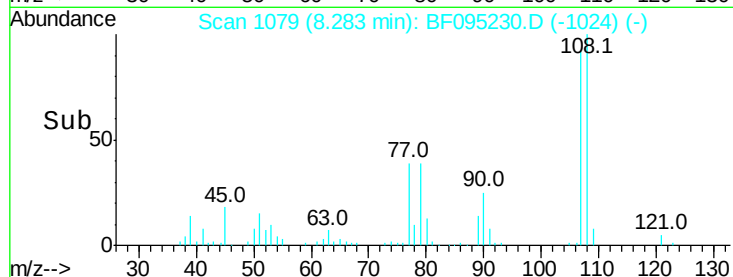
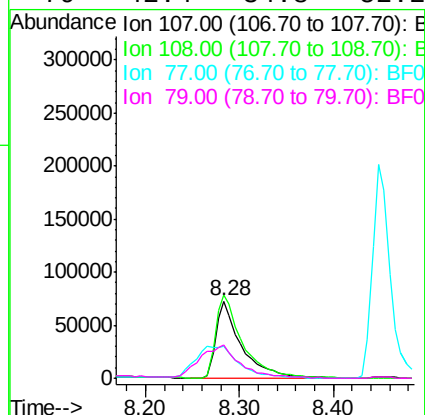
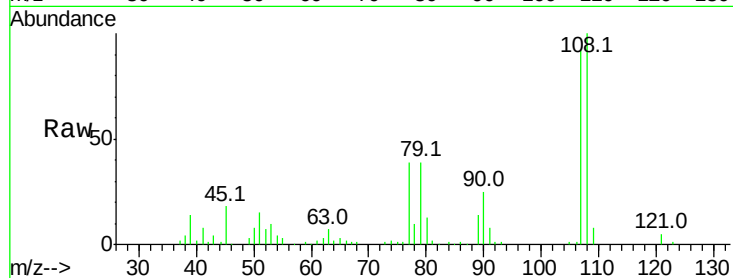




#17
2-Methylphenol
Concen: 25.62 ng
RT: 8.28 min Scan# 1079
Delta R.T. 0.02 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

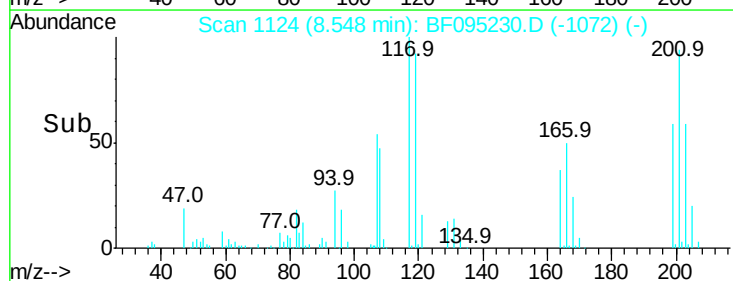
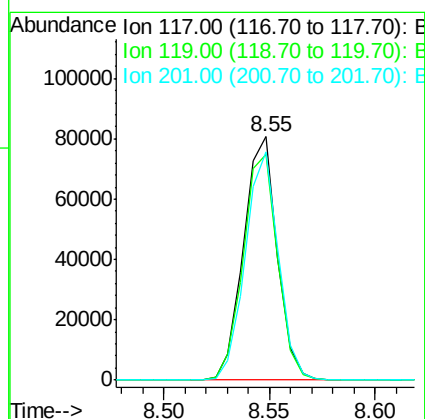
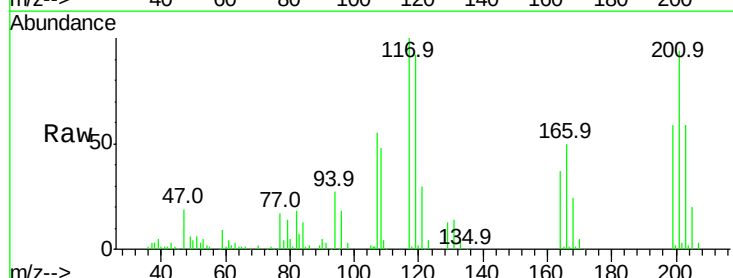
Instrument :
BNA_F
ClientSampleId :

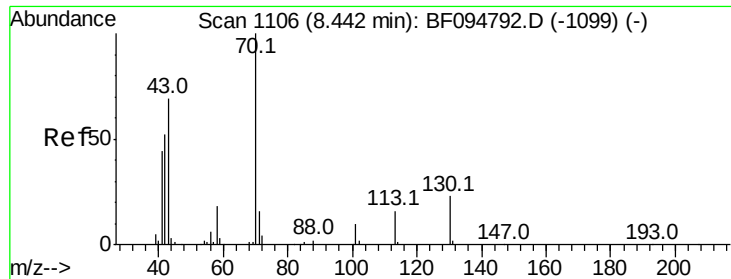
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.2	93.4	140.0
77	42.1	35.8	53.6
79	42.4	34.8	52.2



#18
Hexachloroethane
Concen: 35.80 ng
RT: 8.55 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	77.4	116.0
201	93.6	94.6	141.8#

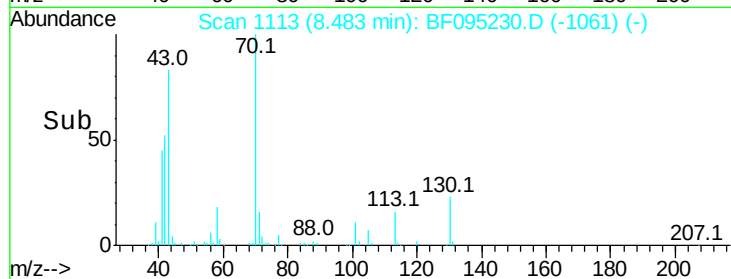
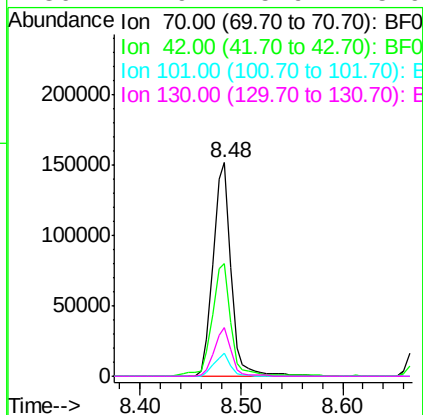
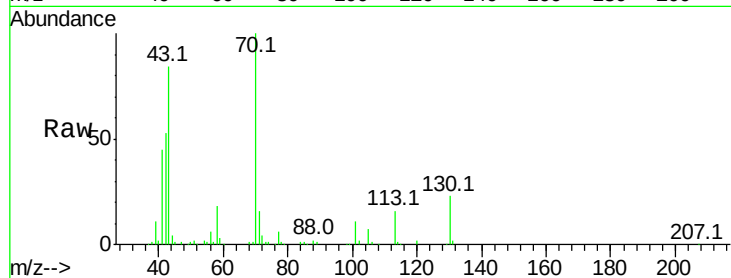




#19
 n-Nitroso-di-n-propylamine
 Concen: 41.05 ng
 RT: 8.48 min Scan# 1113
 Delta R.T. 0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

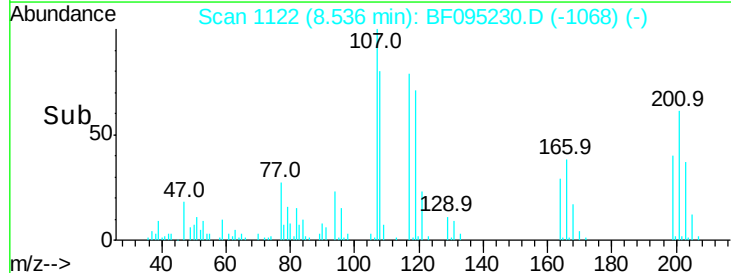
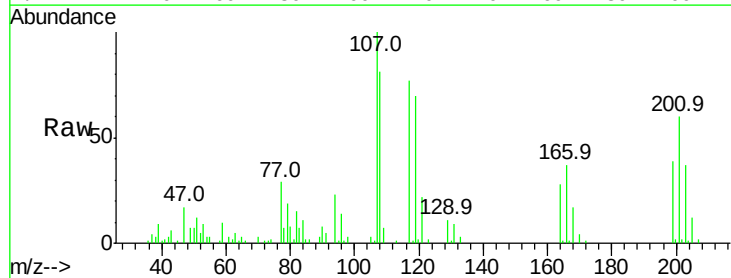
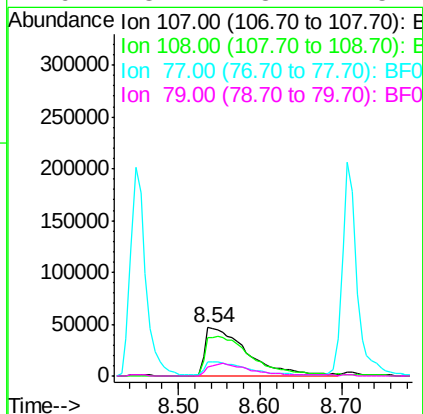
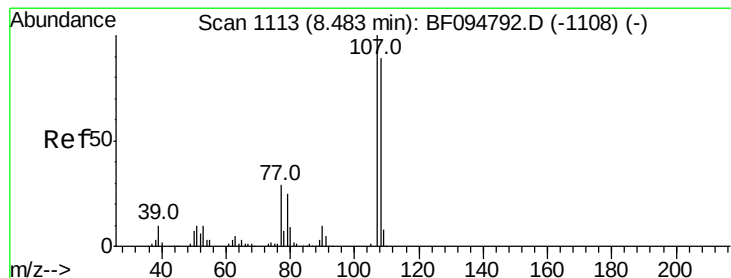
Instrument :
 BNA_F
 ClientSampleId :

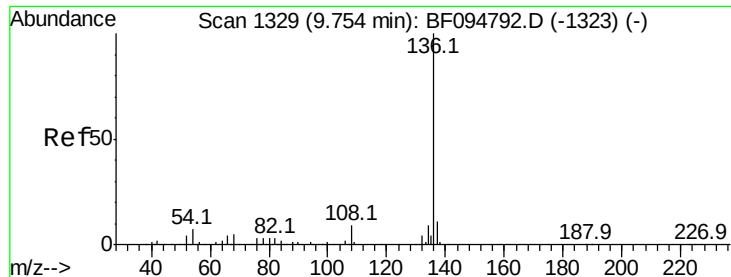
Tot Ion:	70	Resp:	187205
Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.2	70.8
101	10.9	7.2	10.8#
130	22.9	15.9	23.9



#20
 3+4-Methylphenols
 Concen: 23.84 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. 0.02 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion:	107	Resp:	169594
Ion	Ratio	Lower	Upper
107	100		
108	81.1	71.0	111.0
77	28.5	90.5	130.5#
79	18.7	8.4	48.4

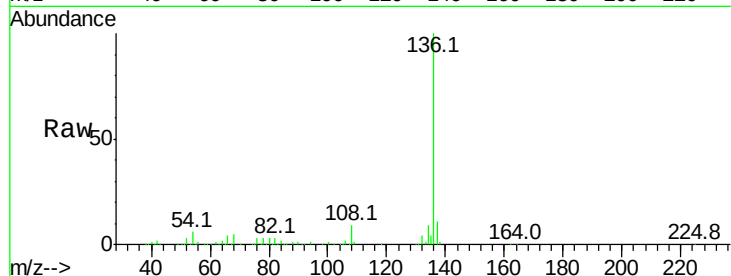




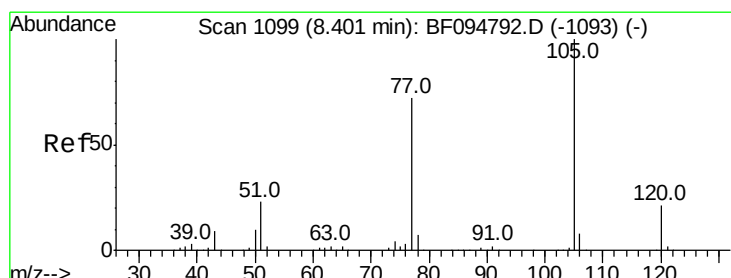
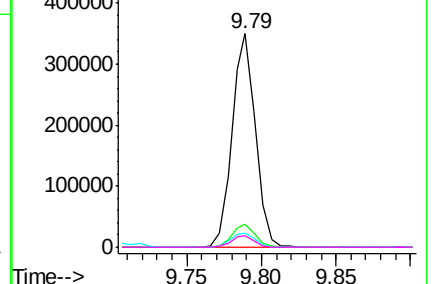
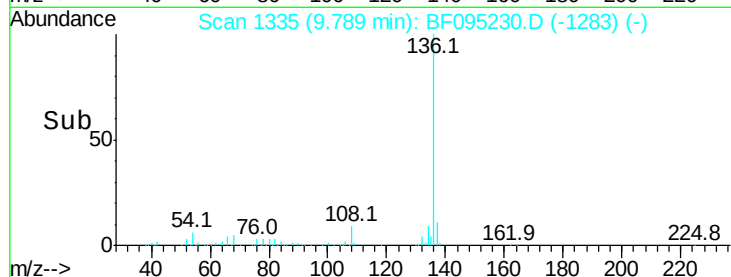
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	386041
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	6.5	4.9 7.3
68	5.3	4.1 6.1

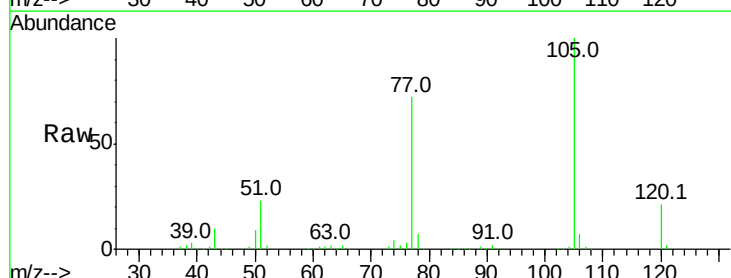


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

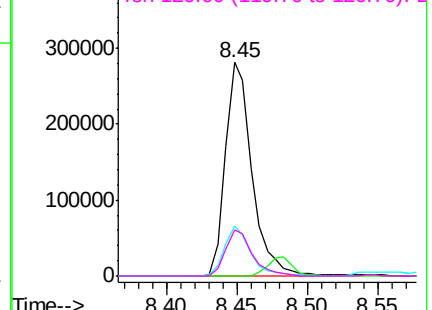
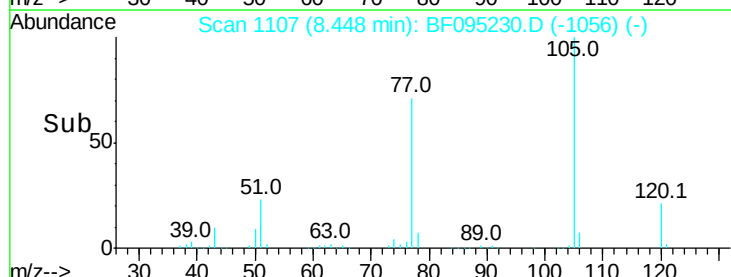


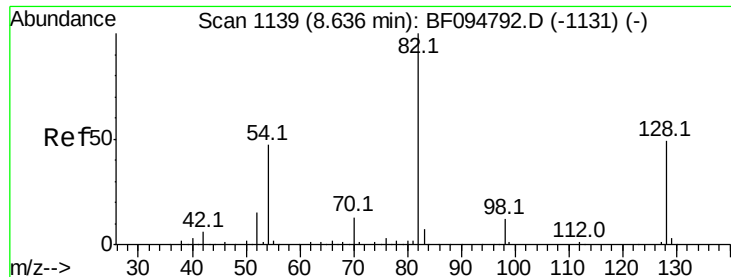
#22
Acetophenone
Concen: 39.92 ng
RT: 8.45 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:105	Resp:	369740
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	23.2	30.7 46.1#
120	21.4	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

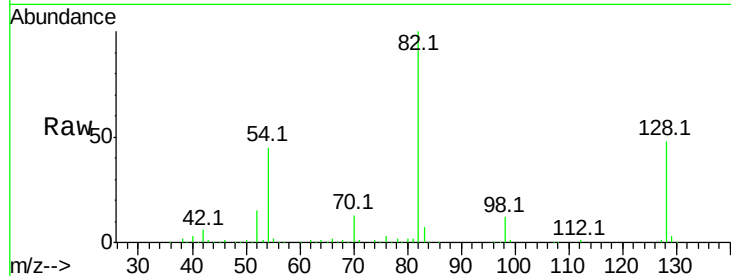




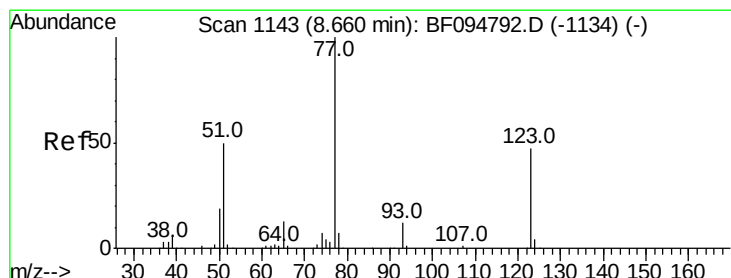
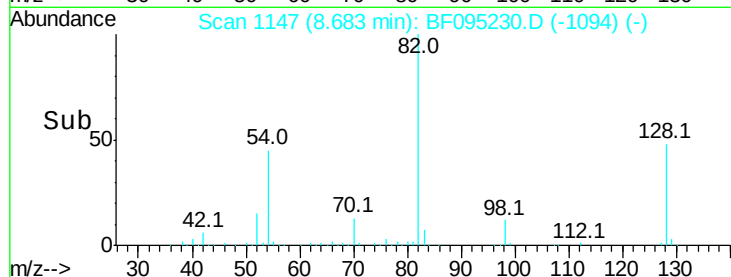
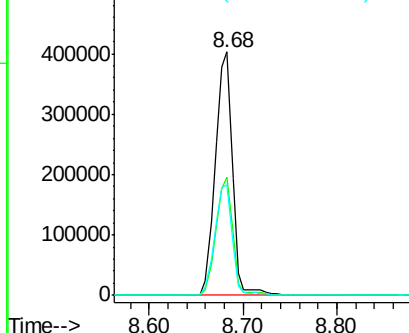
#23
Nitrobenzene-d5
Concen: 84.53 ng
RT: 8.68 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 517517
Ion Ratio Lower Upper
82 100
128 48.3 34.0 51.0
54 45.2 42.2 63.2

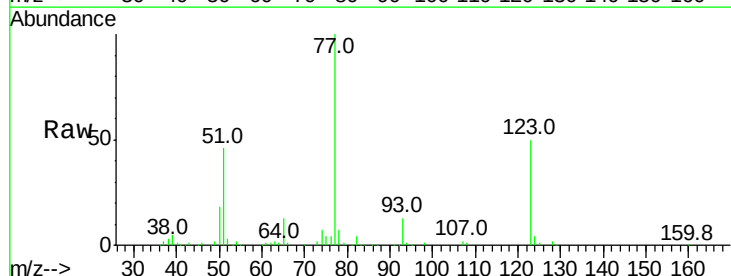


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

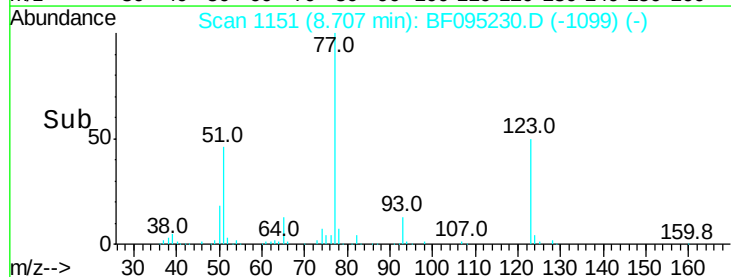
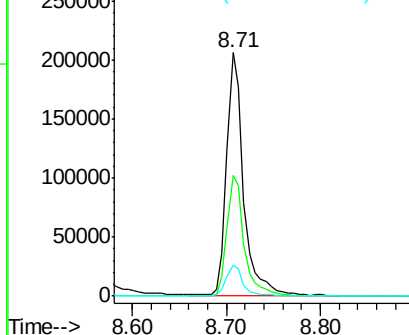


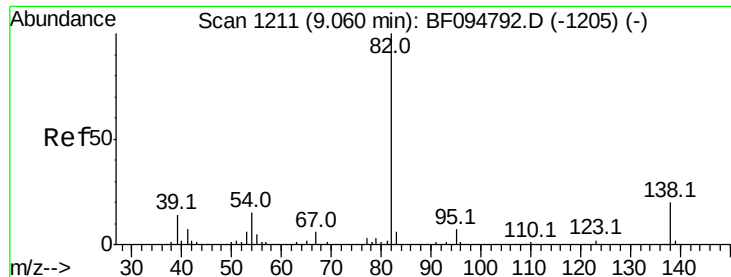
#24
Nitrobenzene
Concen: 40.26 ng
RT: 8.71 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion: 77 Resp: 258327
Ion Ratio Lower Upper
77 100
123 49.7 35.8 53.8
65 12.8 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

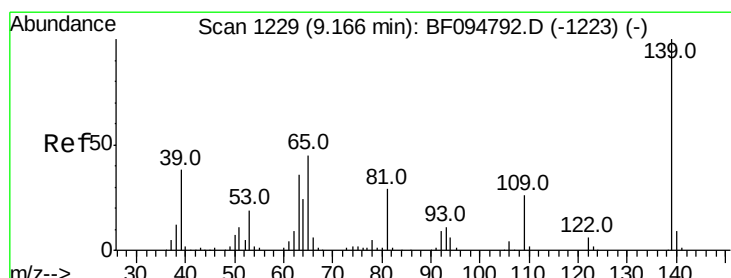
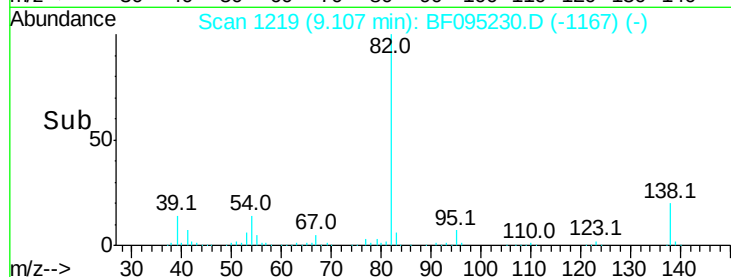
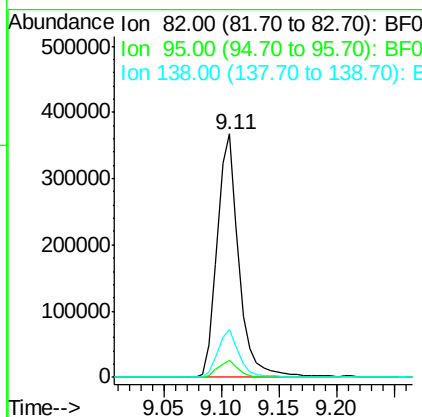
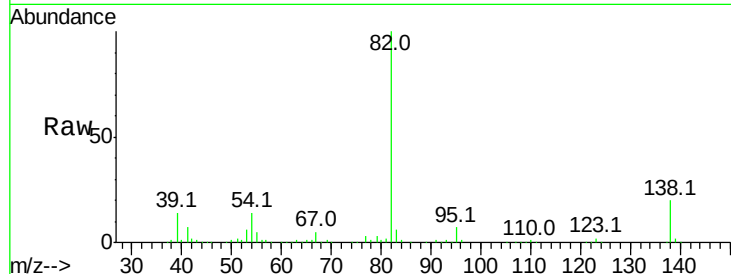




#25
Isophorone
Concen: 44.07 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

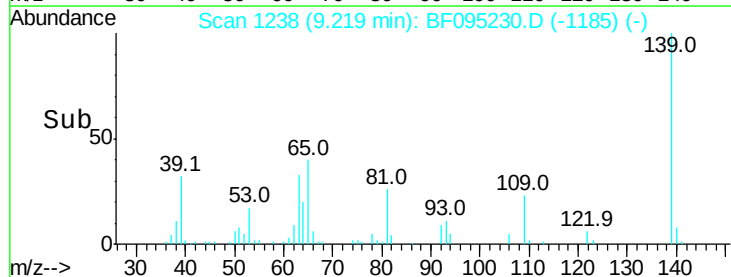
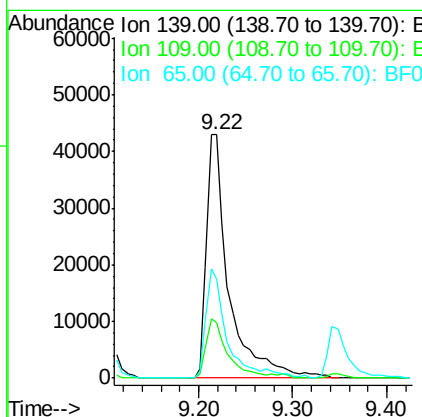
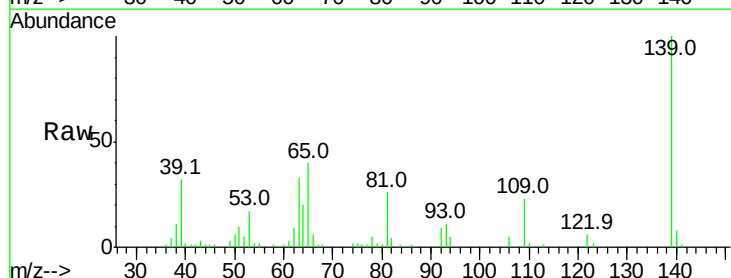
Instrument :
BNA_F
ClientSampled :

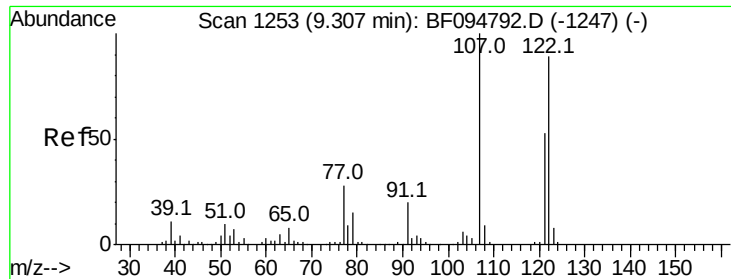
Tot Ion: 82 Resp: 481779
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 19.7 13.1 19.7



#26
2-Nitrophenol
Concen: 20.82 ng
RT: 9.22 min Scan# 1238
Delta R.T. 0.01 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:139 Resp: 72097
Ion Ratio Lower Upper
139 100
109 22.9 21.0 31.6
65 40.4 33.0 49.6

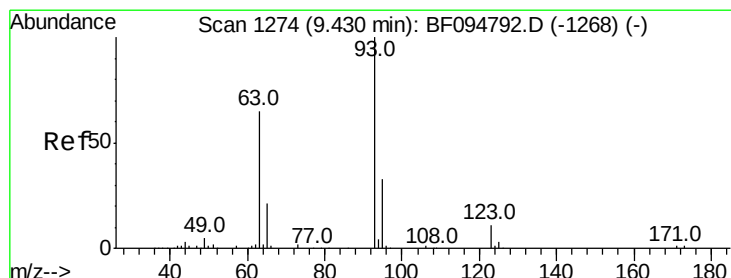
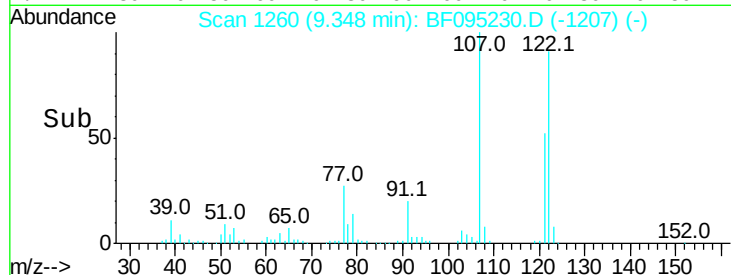
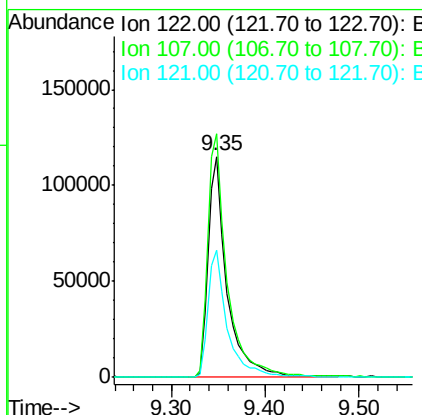
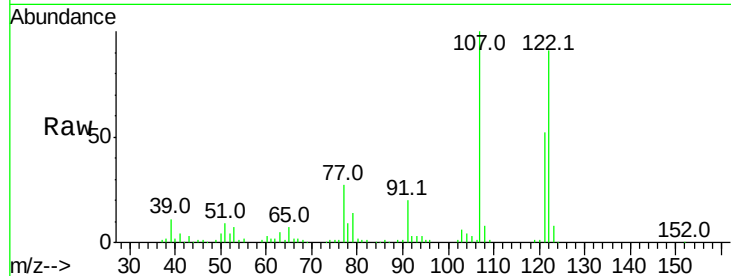




#27
 2,4-Dimethylphenol
 Concen: 29.29 ng
 RT: 9.35 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

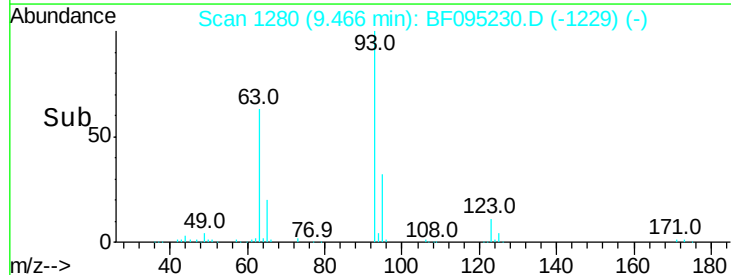
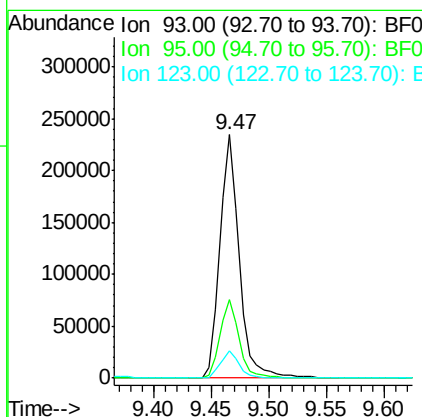
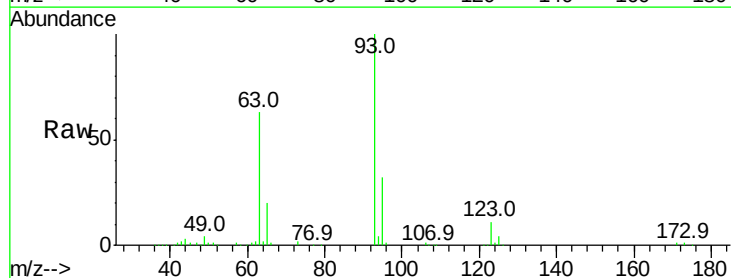
Instrument :
 BNA_F
 ClientSampleId :

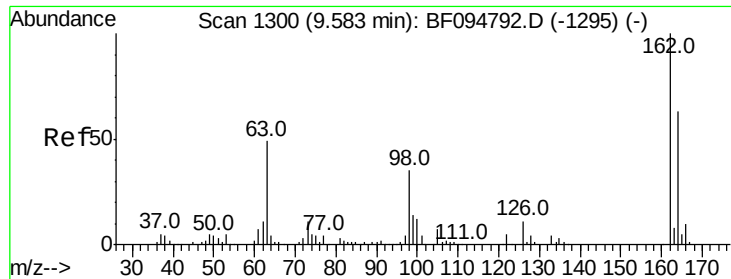
Tot Ion:122 Resp: 163943
 Ion Ratio Lower Upper
 122 100
 107 110.1 89.2 133.8
 121 57.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.03 ng
 RT: 9.47 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion: 93 Resp: 272499
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 11.0 9.0 13.4

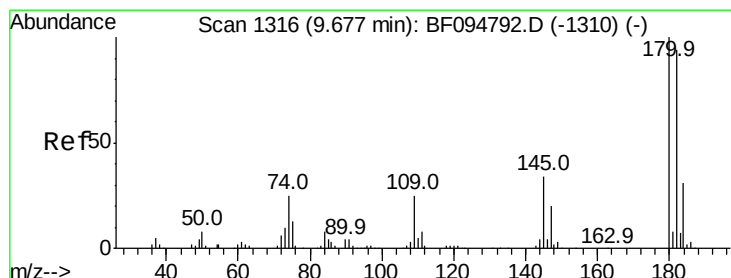
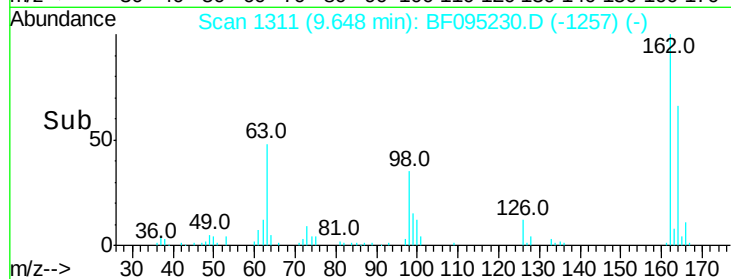
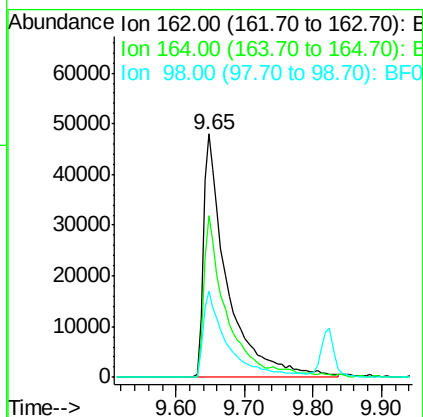
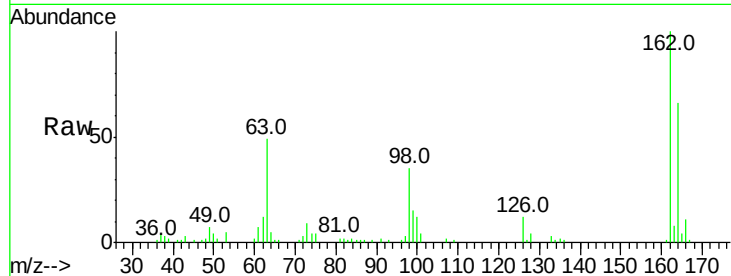




#29
 2,4-Dichlorophenol
 Concen: 21.91 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. 0.02 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

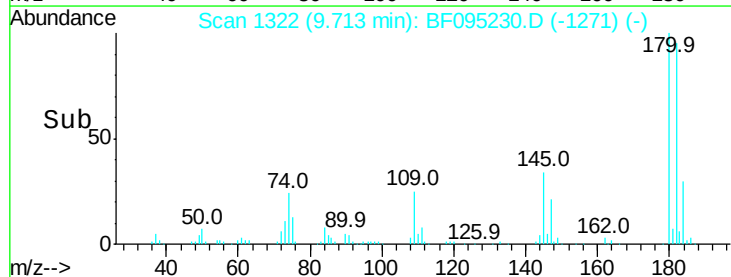
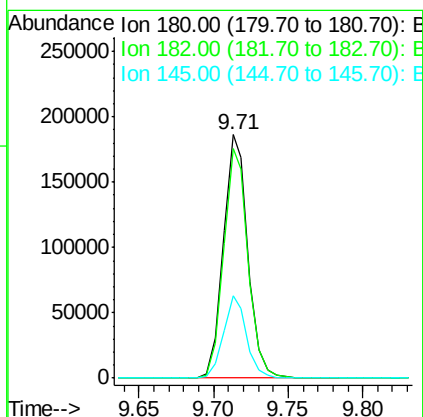
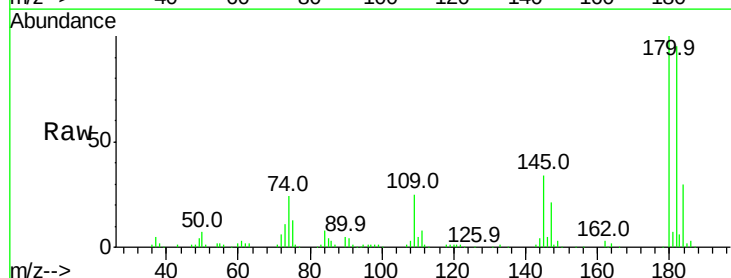
Instrument :
 BNA_F
 ClientSampleId :

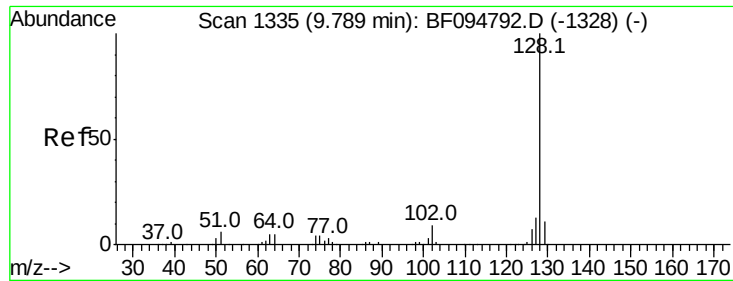
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	44.6	84.6
98	35.2	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 38.04 ng
 RT: 9.71 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.6
145	33.7	25.3	37.9

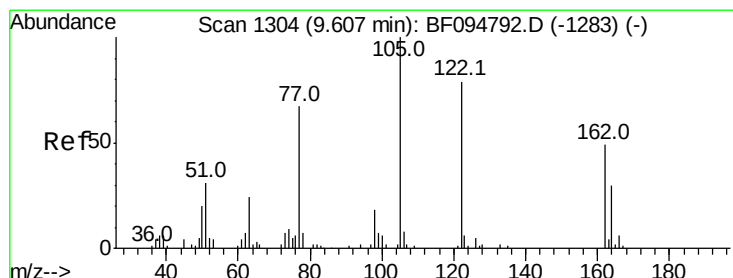
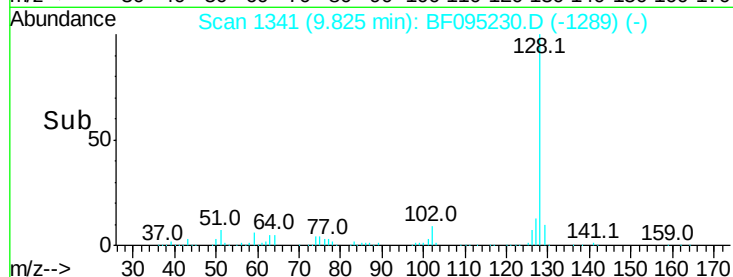
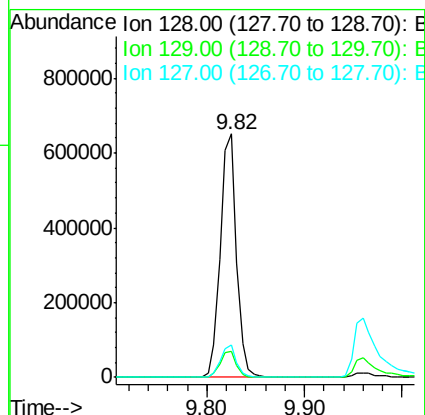
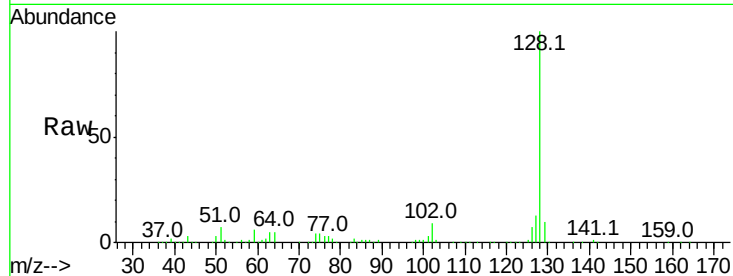




#31
Naphthalene
Concen: 38.45 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

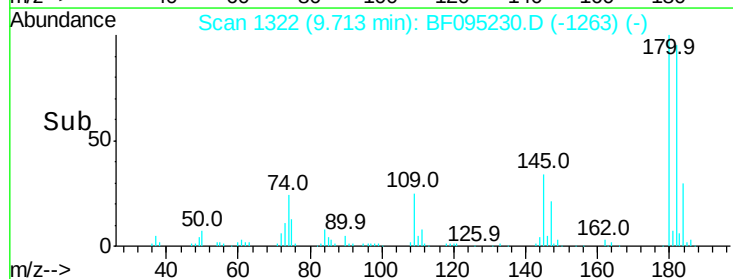
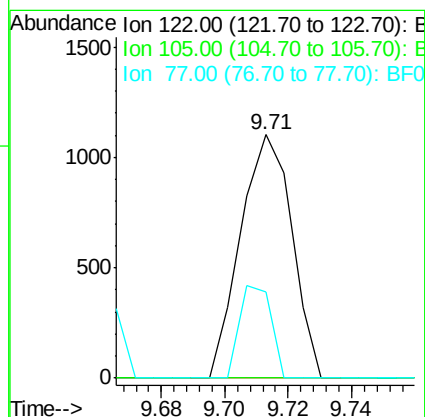
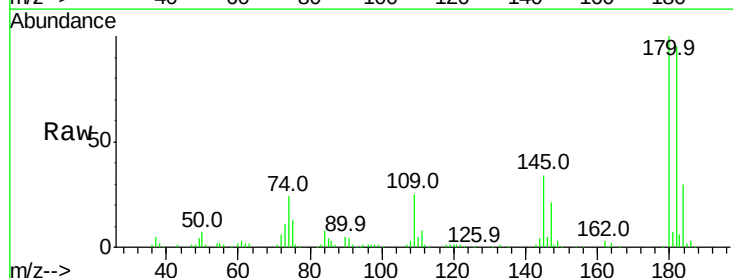
Instrument :
BNA_F
ClientSampled :

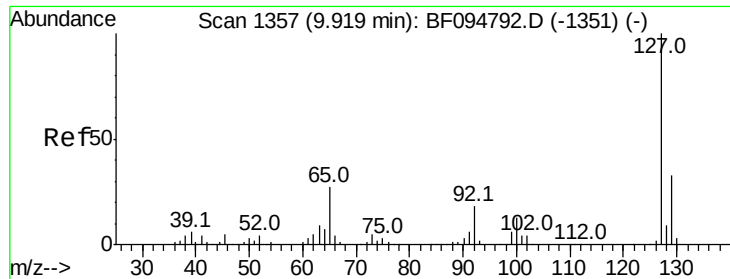
Tot Ion:128 Resp: 746008
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 5.38 ng
RT: 9.71 min Scan# 1322
Delta R.T. 0.05 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:122 Resp: 1235
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 35.4 73.7 113.7#

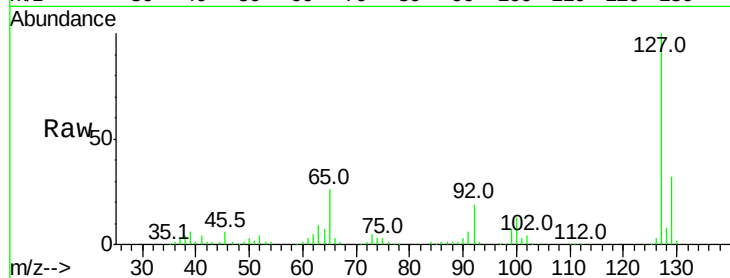




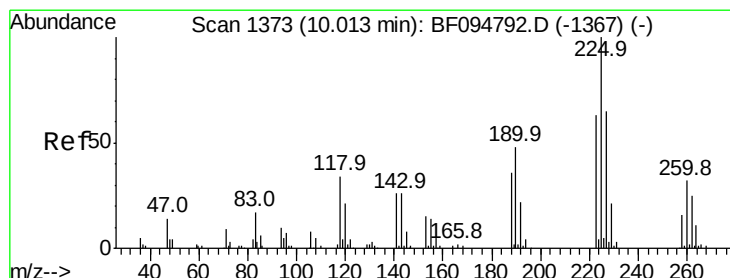
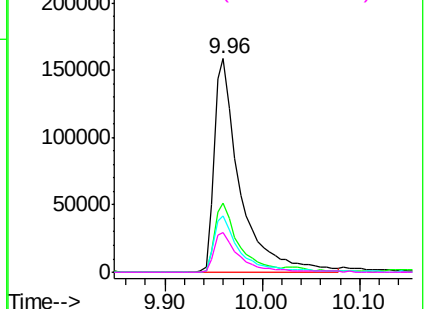
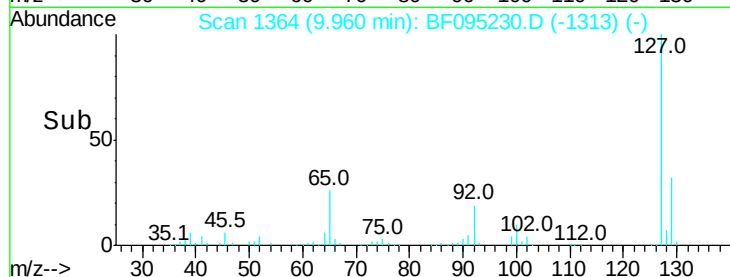
#33
4-Chloroaniline
Concen: 40.18 ng
RT: 9.96 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	290543
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	26.2	27.8	41.8#
92	18.8	16.8	25.2

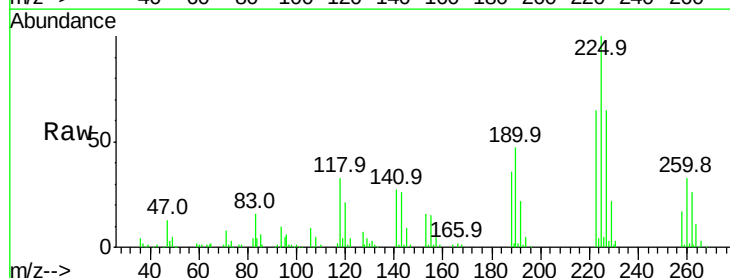


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

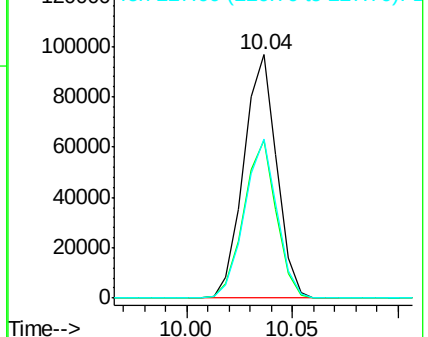
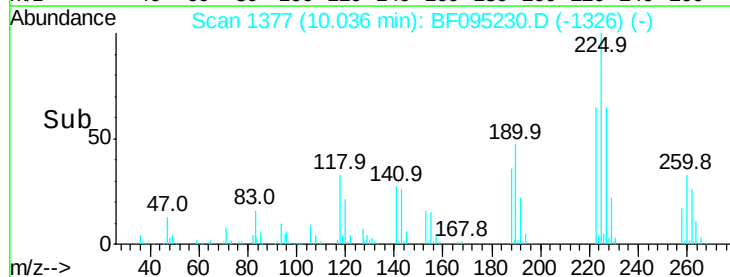


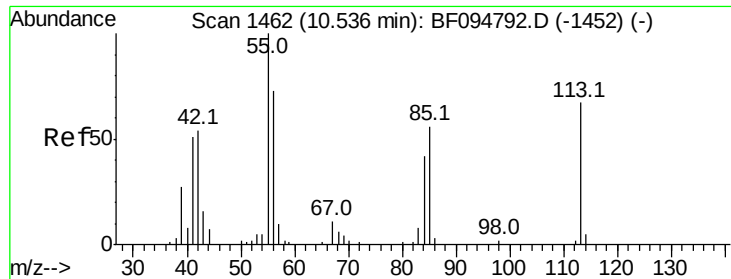
#34
Hexachlorobutadiene
Concen: 35.12 ng
RT: 10.04 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:	225	Resp:	104946
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.8	73.2
227	65.3	51.1	76.7



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





#35

Caprolactam

Concen: 36.16 ng

RT: 10.57 min Scan# 1467

Delta R.T. -0.03 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

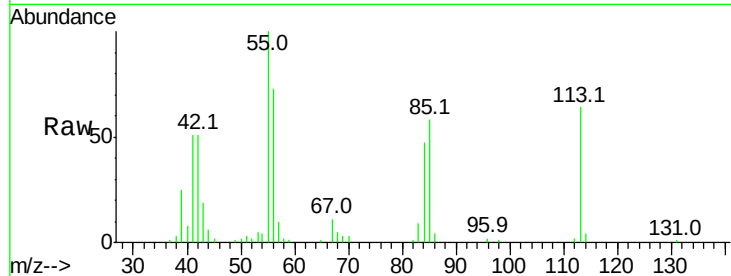
Tot Ion:113 Resp: 57393

Ion Ratio Lower Upper

113 100

55 156.3 150.2 190.2

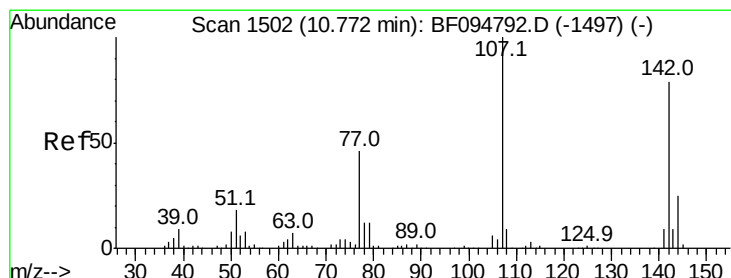
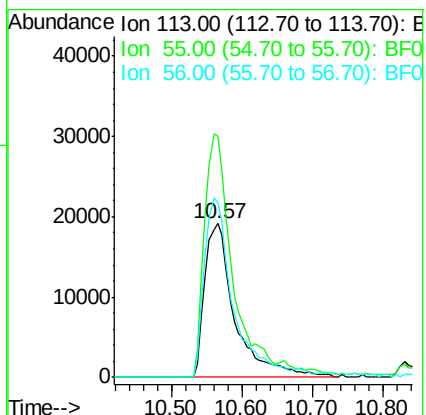
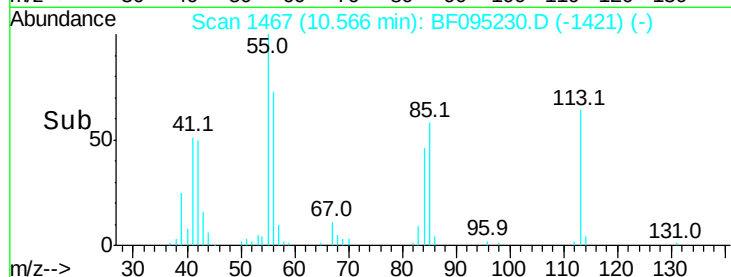
56 113.6 107.8 147.8



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: 25.57 ng

RT: 10.83 min Scan# 1512

Delta R.T. 0.02 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

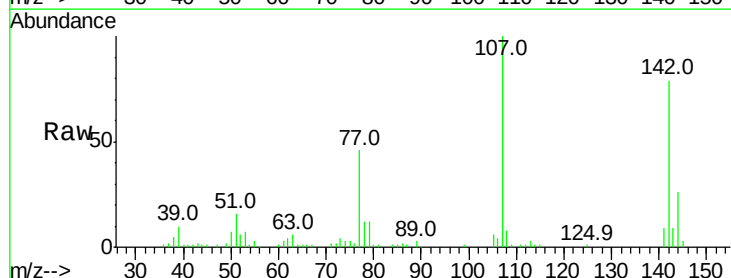
Tgt Ion:107 Resp: 144489

Ion Ratio Lower Upper

107 100

144 25.7 24.2 36.4

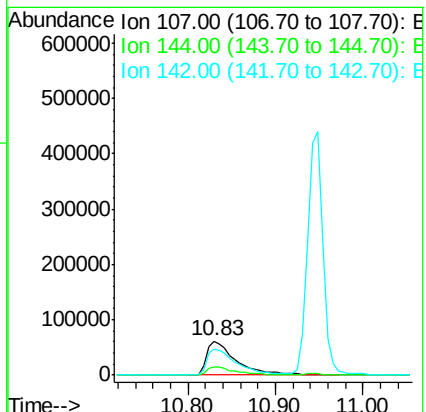
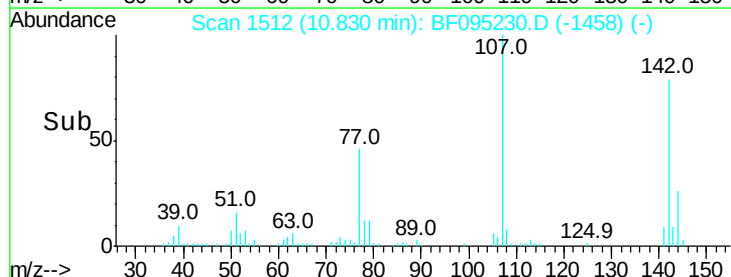
142 78.5 73.4 110.0

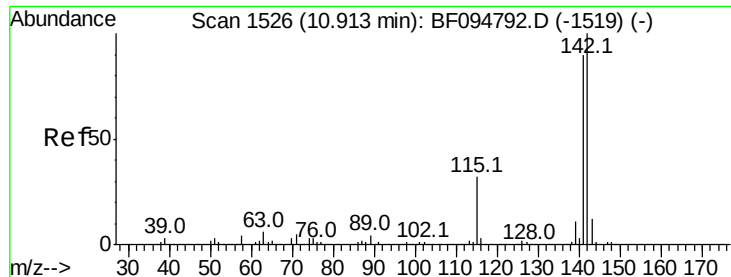


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

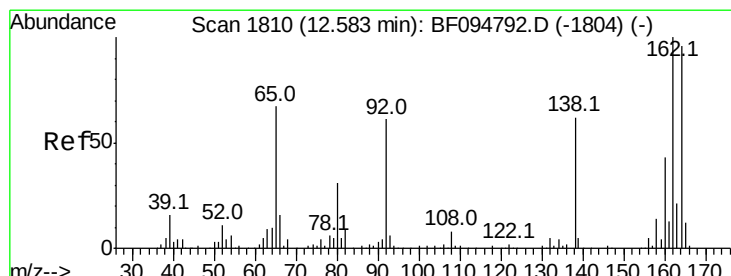
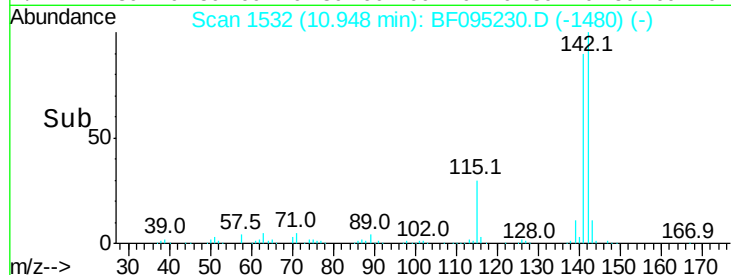
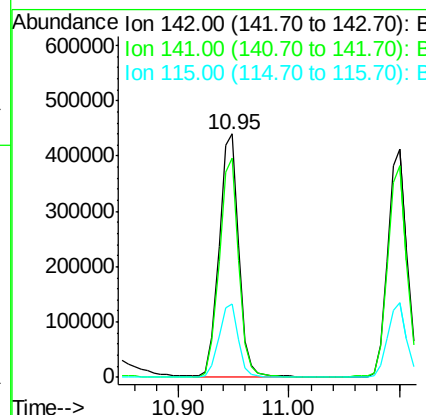
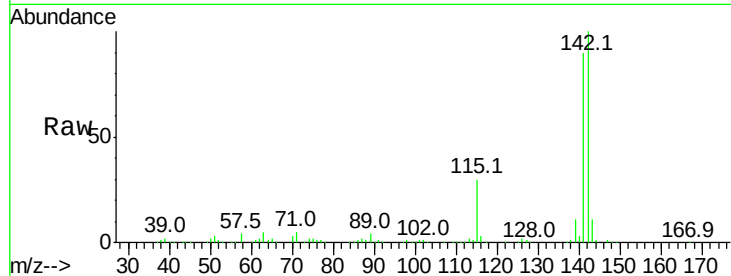




#37
 2-Methylnaphthalene
 Concen: 42.48 ng
 RT: 10.95 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

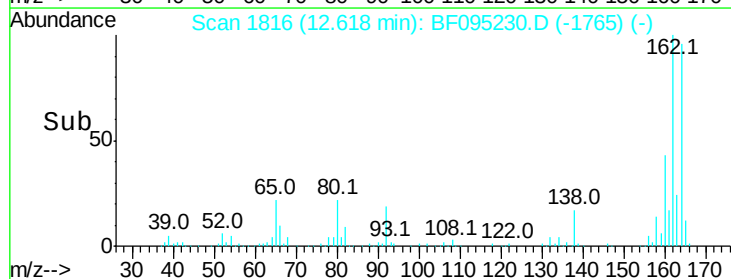
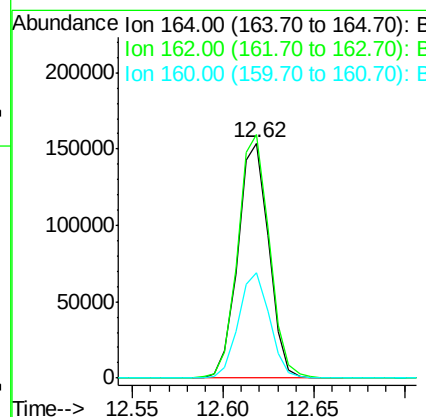
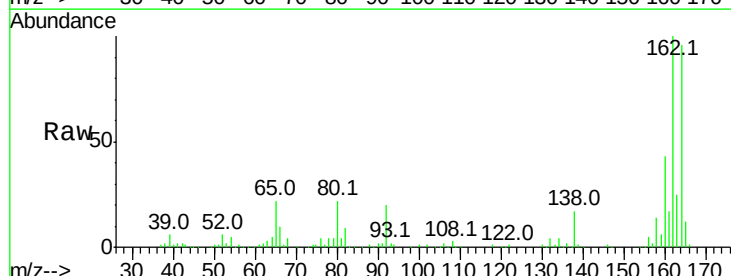
Instrument :
 BNA_F
 ClientSampled :

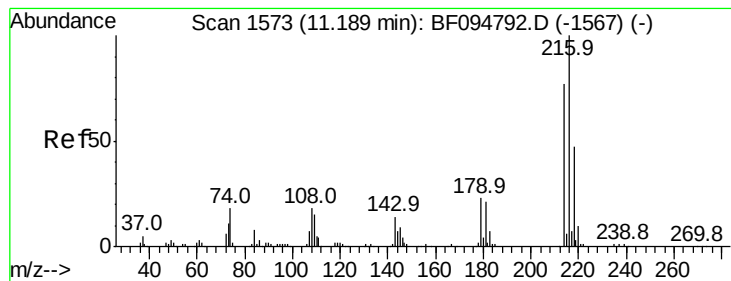
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.3	106.9
115	30.1	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	44.9	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.90 ng

RT: 11.22 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 212225

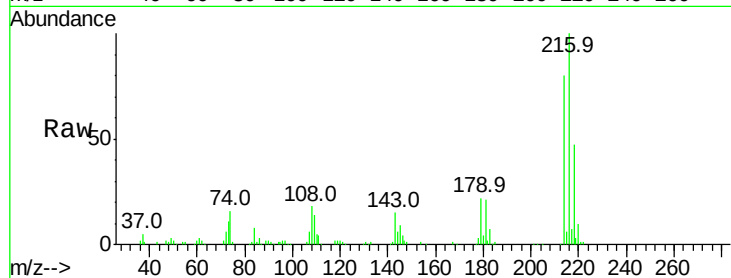
Ion Ratio Lower Upper

216 100

214 78.0 63.4 95.2

179 21.6 17.9 26.9

108 19.1 16.5 24.7

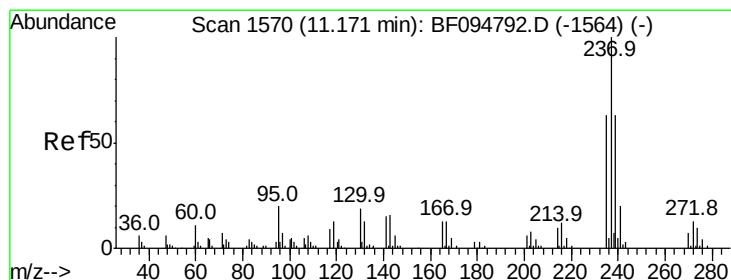
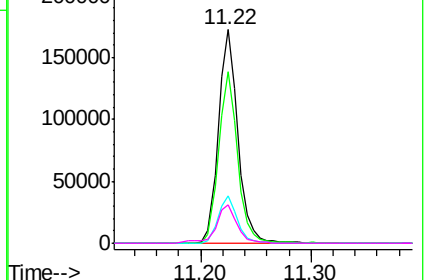
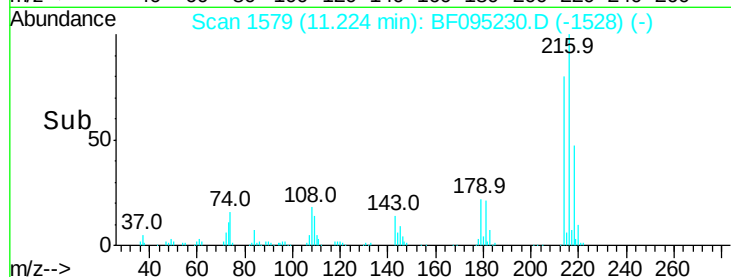


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 31.44 ng

RT: 11.20 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

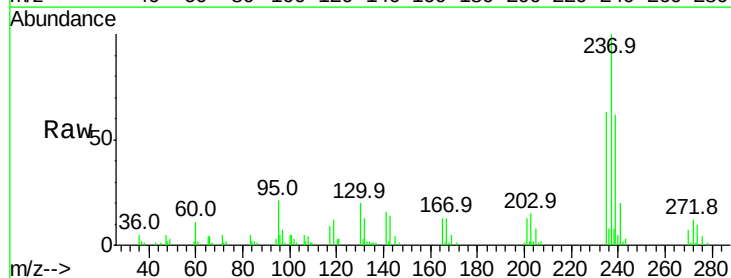
Tgt Ion:237 Resp: 64648

Ion Ratio Lower Upper

237 100

235 63.1 42.6 82.6

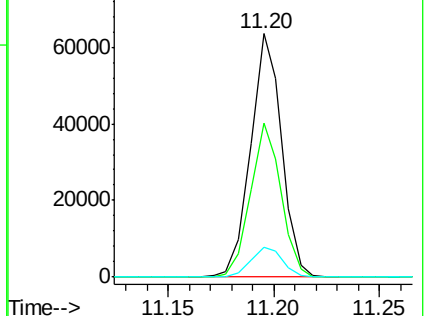
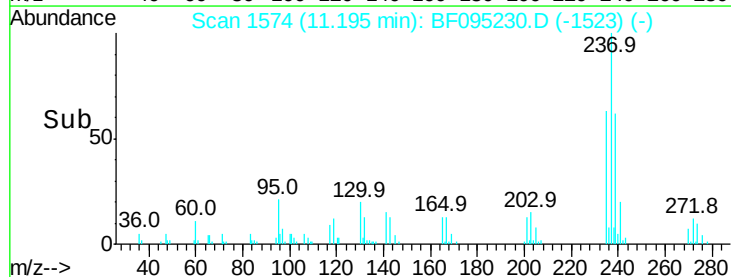
272 12.1 0.0 31.9

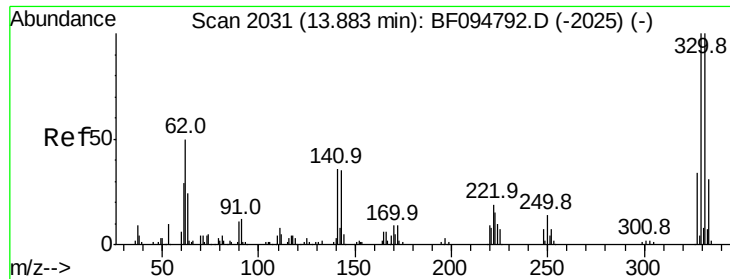


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

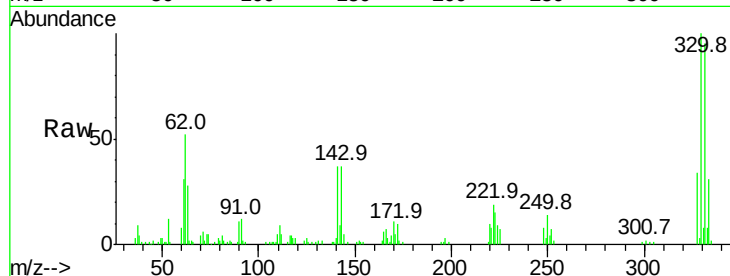




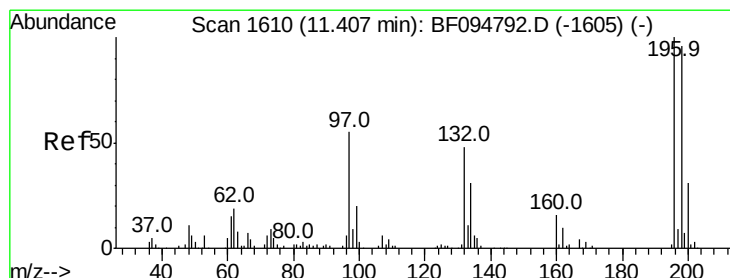
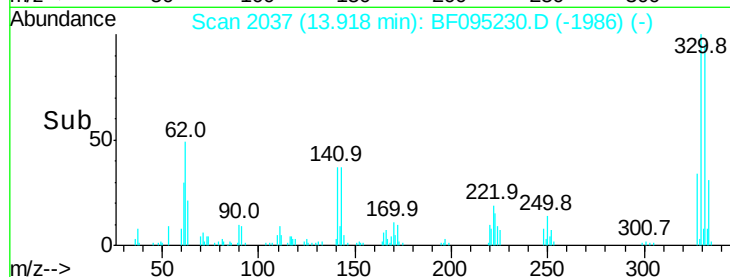
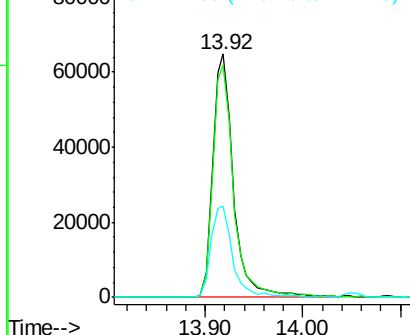
#41
 2,4,6-Tribromophenol
 Concen: 63.54 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 94742
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 39.4 31.4 47.2

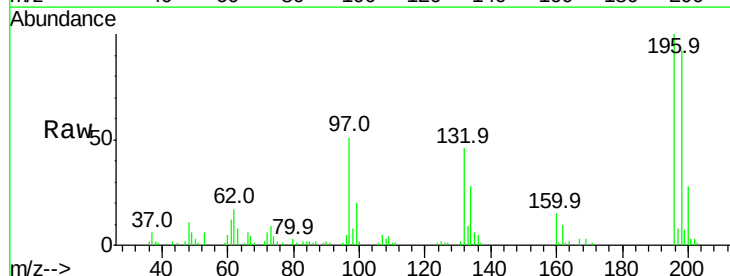


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

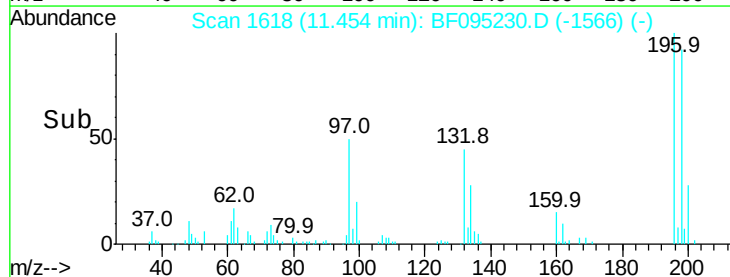
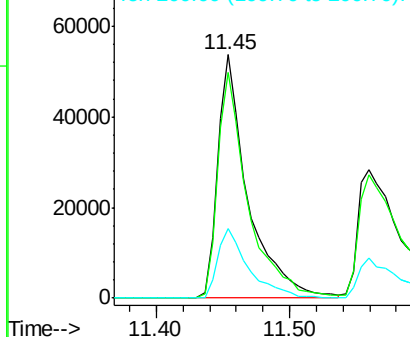


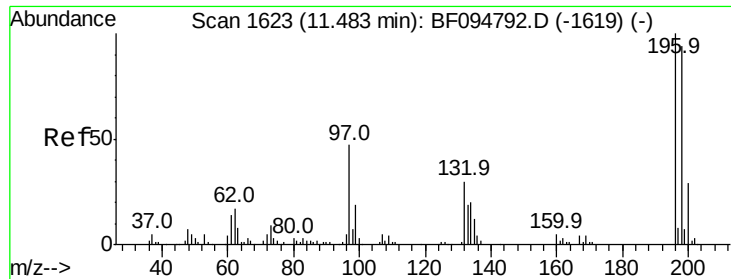
#42
 2,4,6-Trichlorophenol
 Concen: 22.72 ng
 RT: 11.45 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion:196 Resp: 84935
 Ion Ratio Lower Upper
 196 100
 198 92.5 74.2 111.4
 200 28.3 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

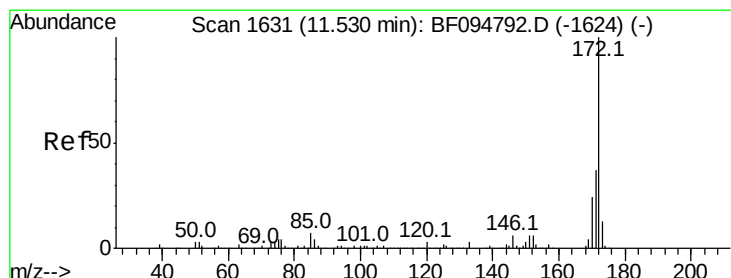
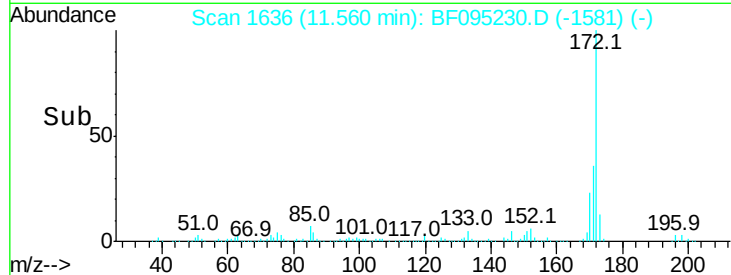
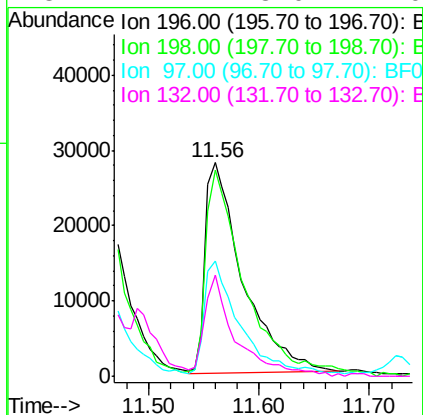
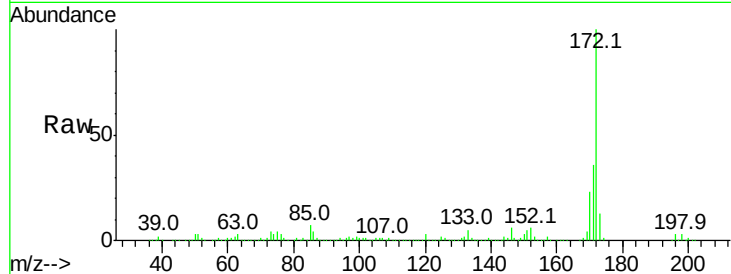




#43
 2,4,5-Trichlorophenol
 Concen: 16.32 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.02 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

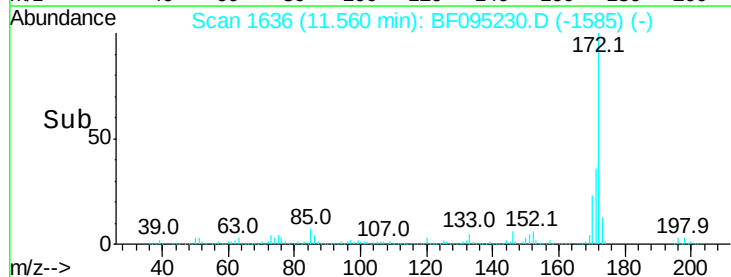
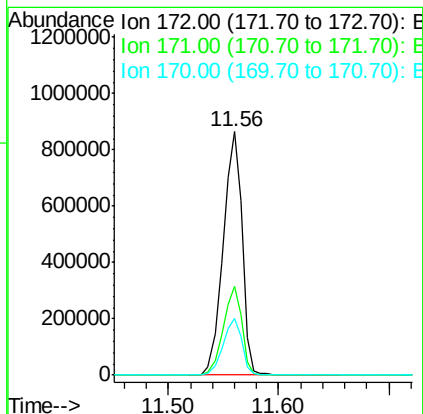
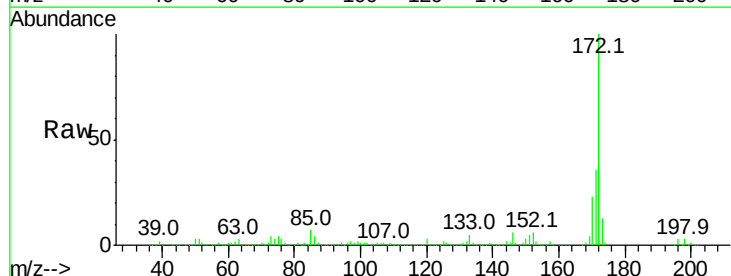
Instrument :
 BNA_F
 ClientSampleId :

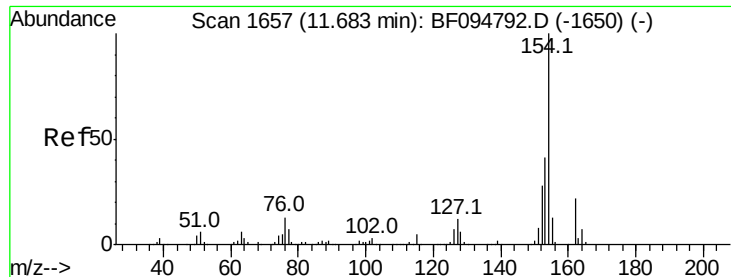
Tot Ion:196 Resp: 65587
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.7 113.5
 97 53.7 47.7 71.5
 132 47.4 28.0 42.0#



#44
 2-Fluorobiphenyl
 Concen: 81.66 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion:172 Resp: 1032892
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.3 19.8 29.8





#45

1,1'-Biphenyl

Concen: 40.50 ng

RT: 11.71 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

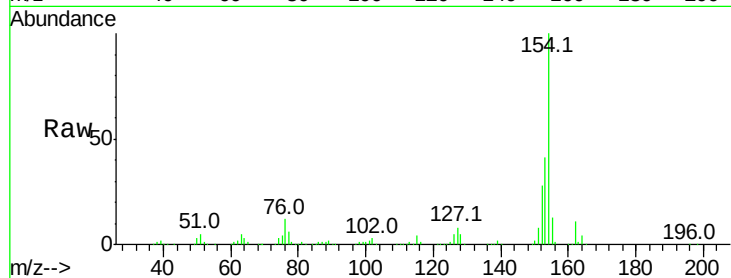
Tot Ion:154 Resp: 620834

Ion Ratio Lower Upper

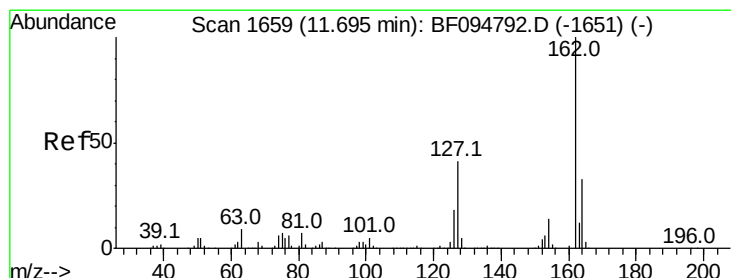
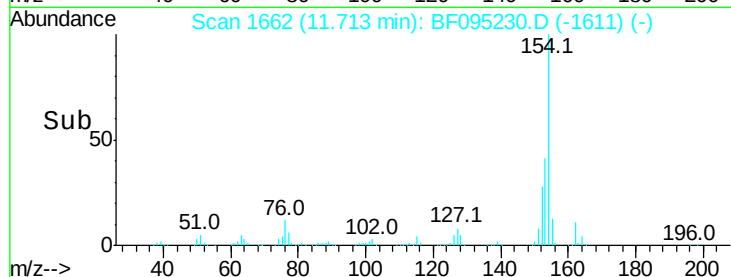
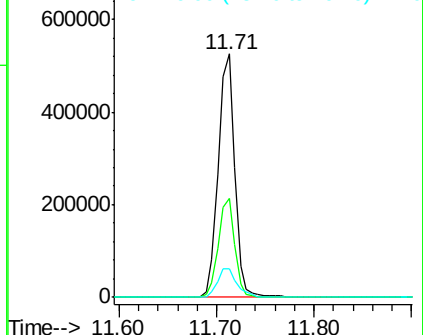
154 100

153 40.6 21.2 61.2

76 11.9 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: 38.82 ng

RT: 11.73 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

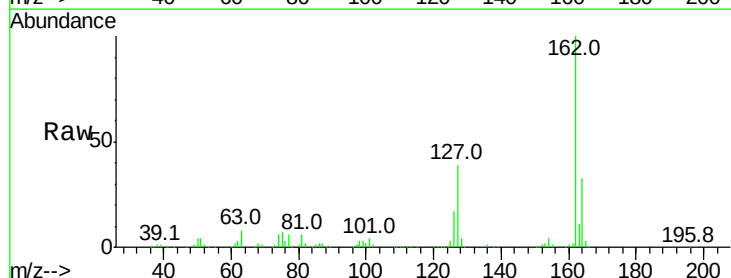
Tgt Ion:162 Resp: 480467

Ion Ratio Lower Upper

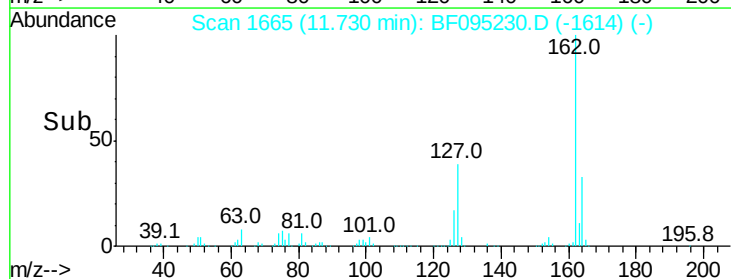
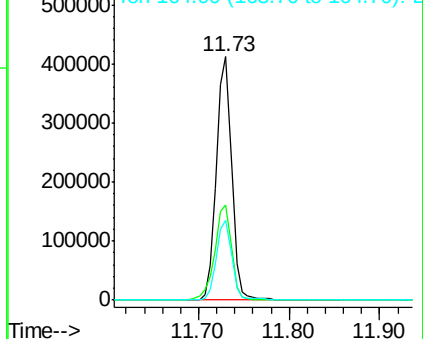
162 100

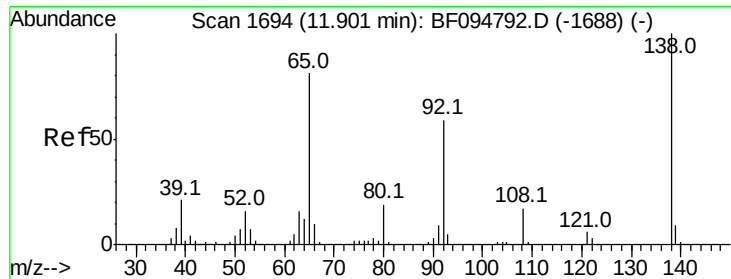
127 39.1 28.3 42.5

164 32.5 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

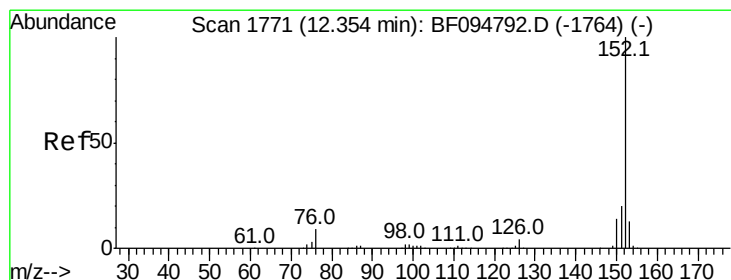
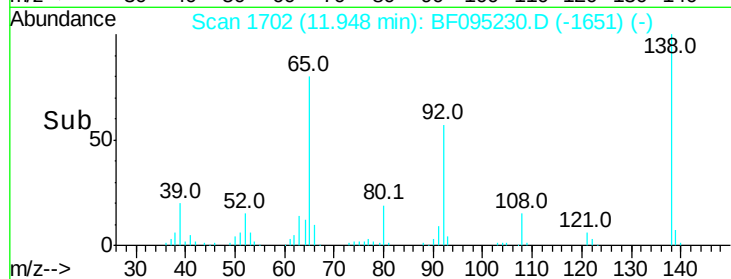
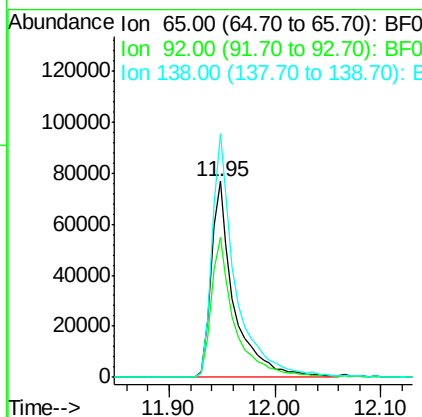
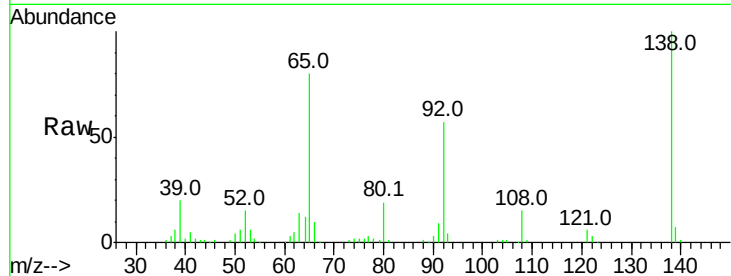




#47
 2-Nitroaniline
 Concen: 34.49 ng
 RT: 11.95 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

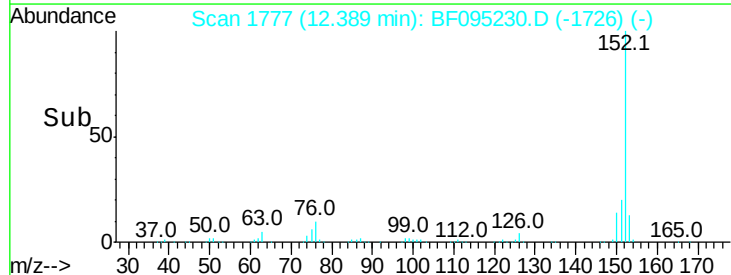
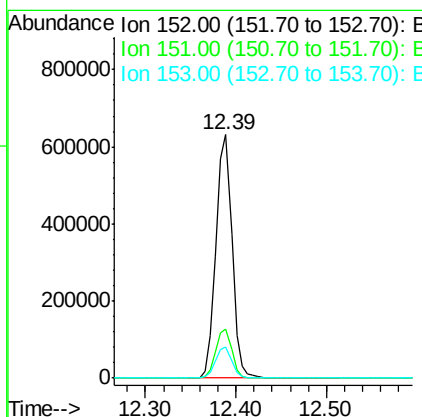
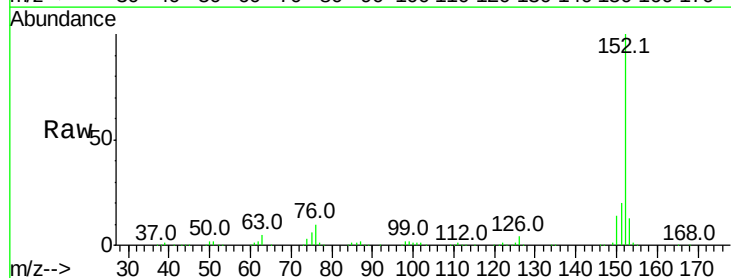
Instrument :
 BNA_F
 ClientSampleId :

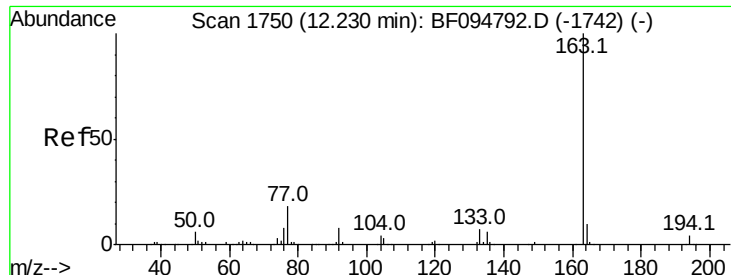
Tot Ion: 65 Resp: 116849
 Ion Ratio Lower Upper
 65 100
 92 71.5 53.9 80.9
 138 124.4 78.8 118.2#



#48
 Acenaphthylene
 Concen: 40.02 ng
 RT: 12.39 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion:152 Resp: 775782
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 37.22 ng

RT: 12.26 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

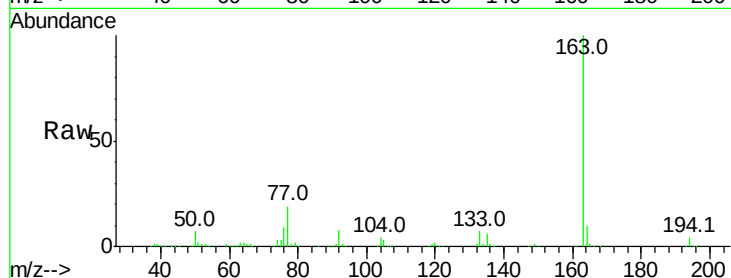
Tot Ion:163 Resp: 556307

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

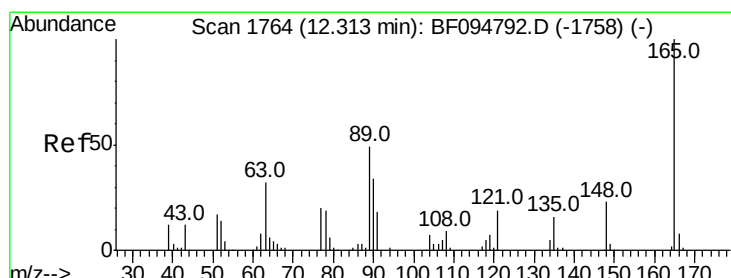
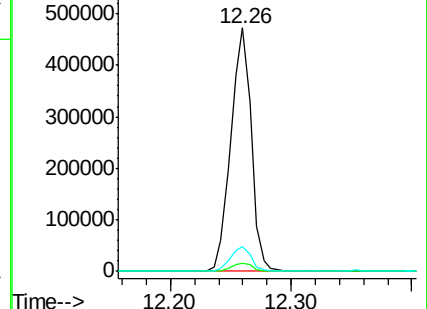
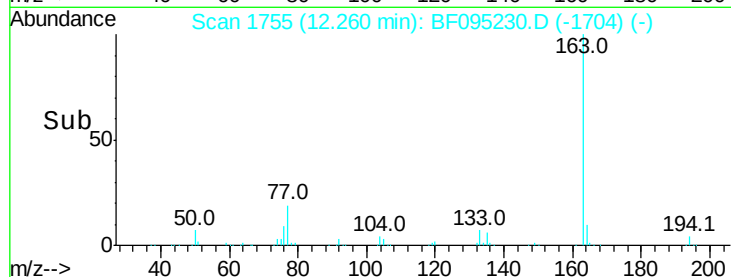
164 10.2 8.4 12.6



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: 41.28 ng

RT: 12.35 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

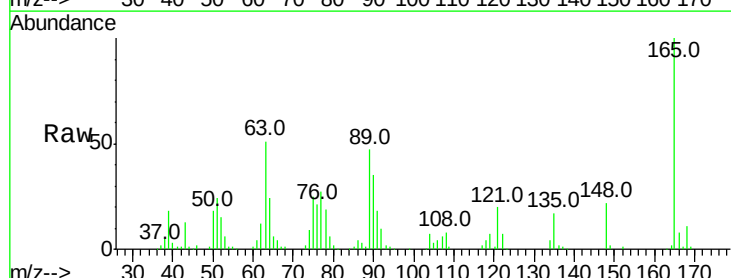
Tgt Ion:165 Resp: 125875

Ion Ratio Lower Upper

165 100

63 51.3 34.3 51.5

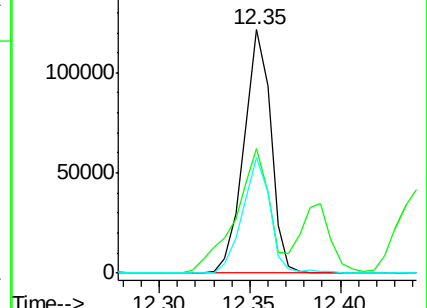
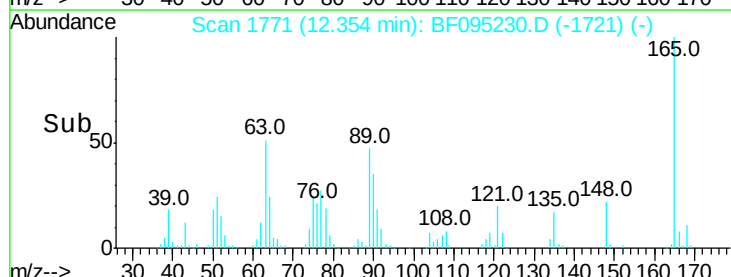
89 47.4 37.1 55.7

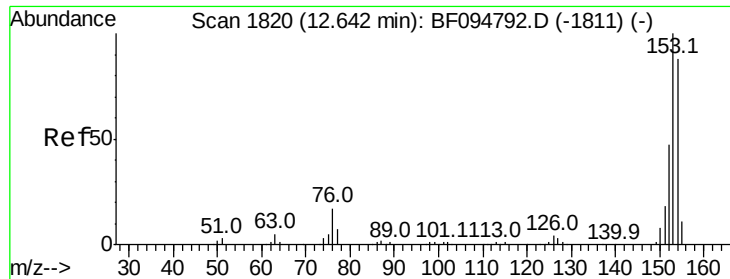


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.90 ng

RT: 12.67 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

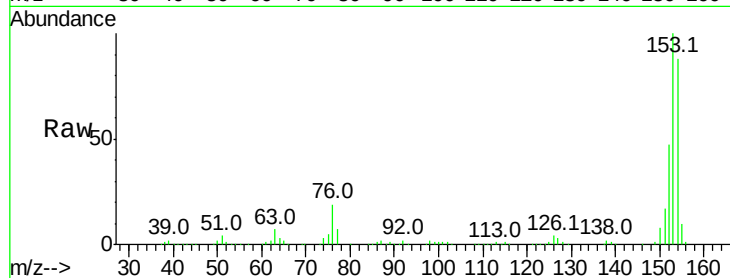
Tot Ion:154 Resp: 450422

Ion Ratio Lower Upper

154 100

153 114.1 90.5 135.7

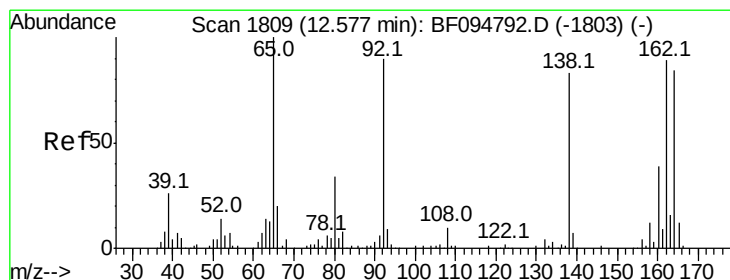
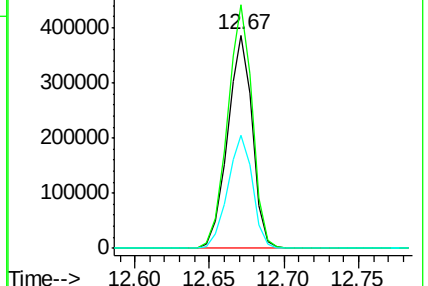
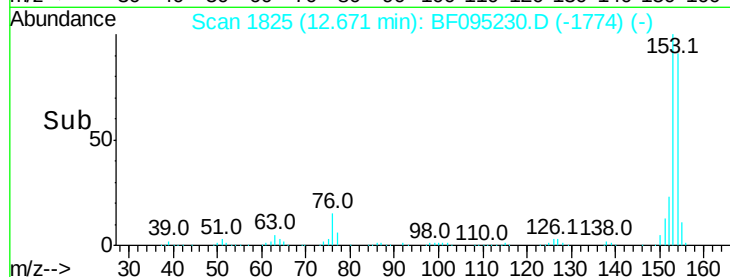
152 53.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.91 ng

RT: 12.63 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

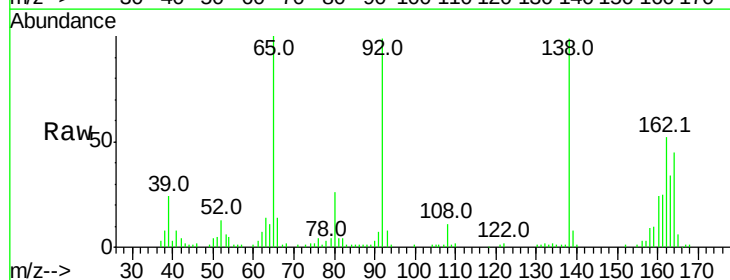
Tgt Ion:138 Resp: 124079

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

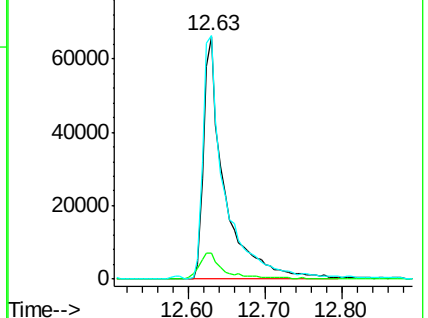
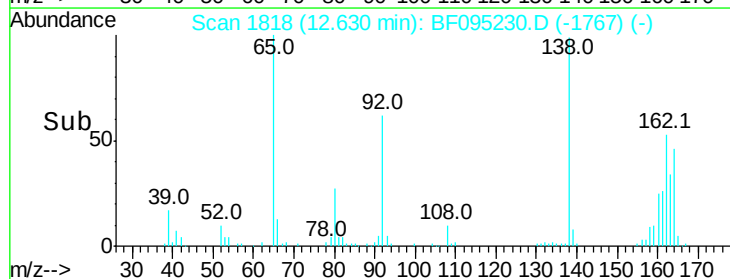
92 100.3 93.8 140.6

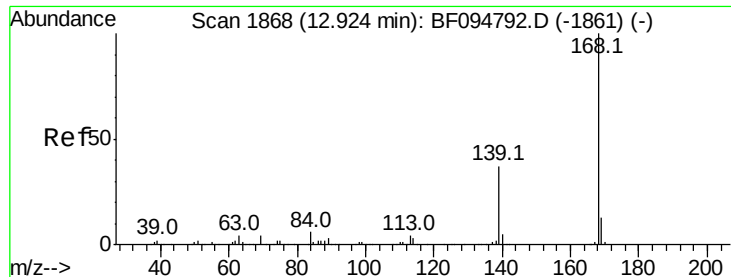


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 43.53 ng

RT: 12.96 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

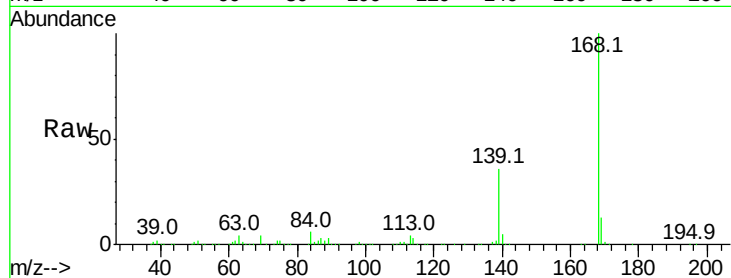
Tot Ion:168 Resp: 697551

Ion Ratio Lower Upper

168 100

139 36.2 30.6 45.8

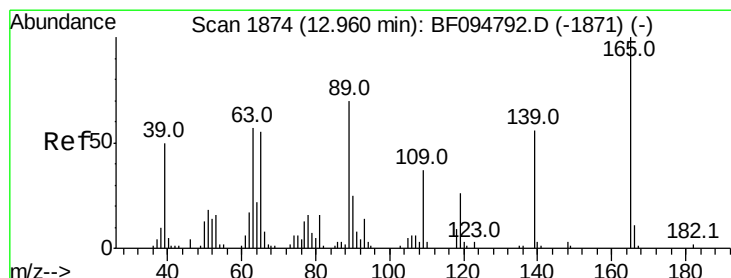
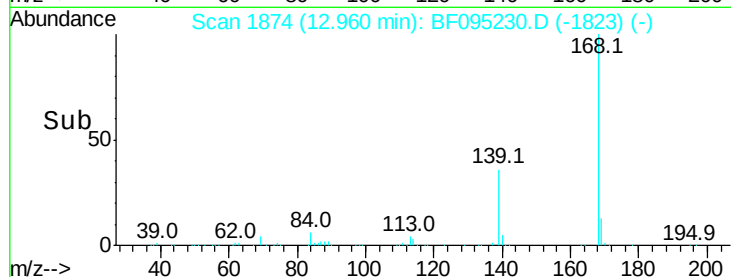
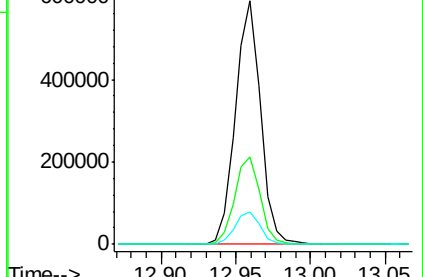
169 13.1 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 4.41 ng

RT: 13.09 min Scan# 1896

Delta R.T. 0.05 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

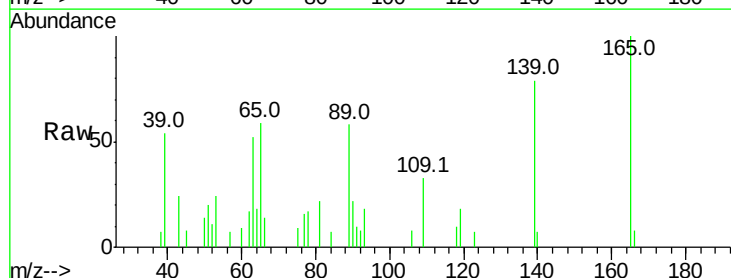
Tgt Ion:139 Resp: 8677

Ion Ratio Lower Upper

139 100

109 42.3 34.1 74.1

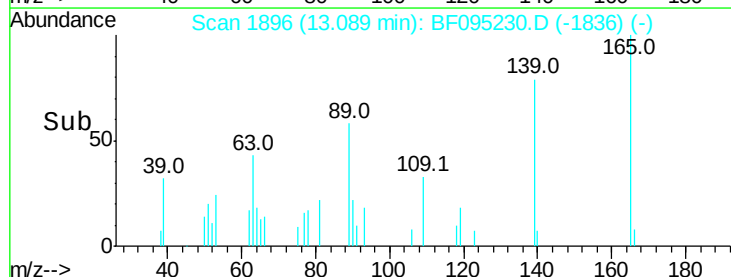
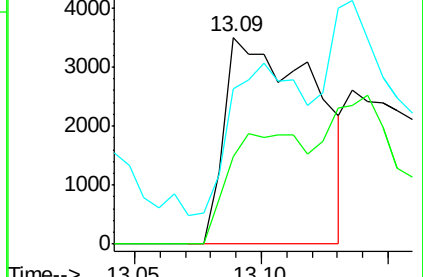
65 74.9 31.4 71.4#

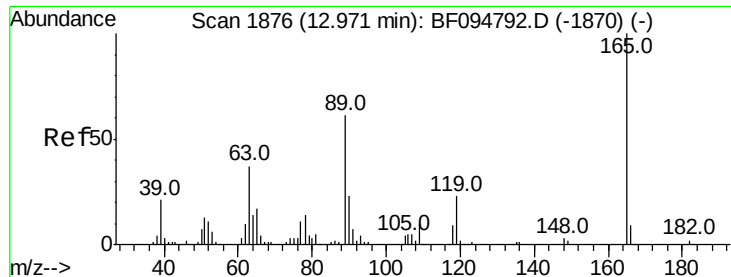


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

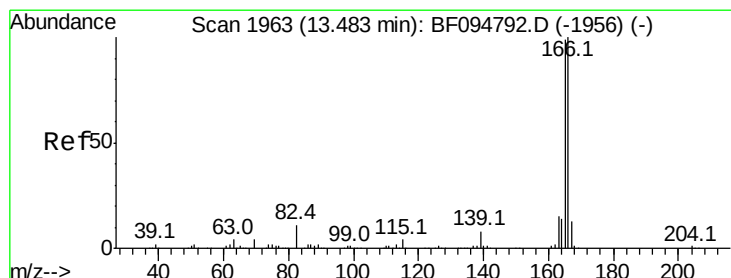
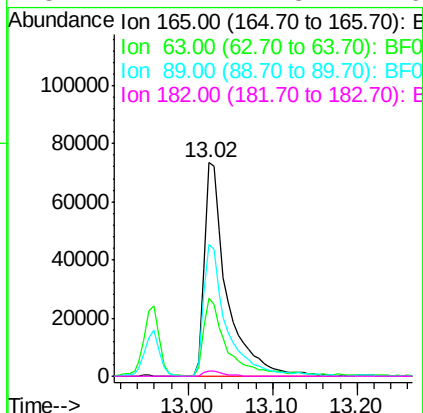
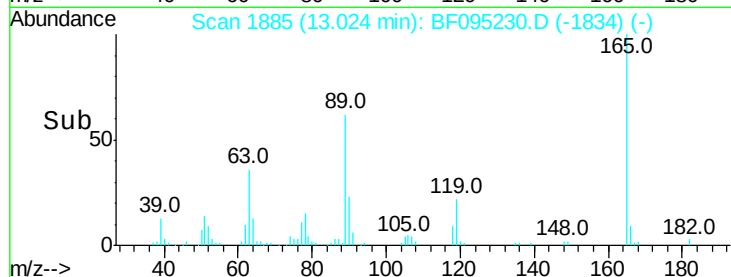
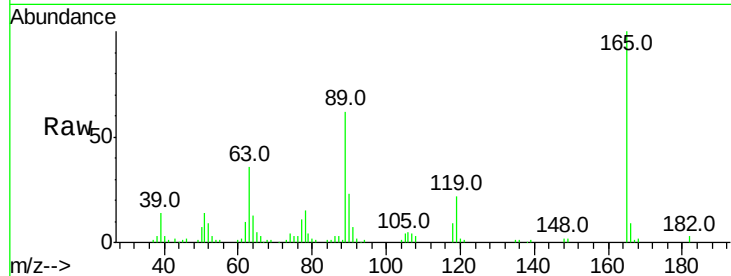




#56
 2,4-Dinitrotoluene
 Concen: 34.79 ng
 RT: 13.02 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

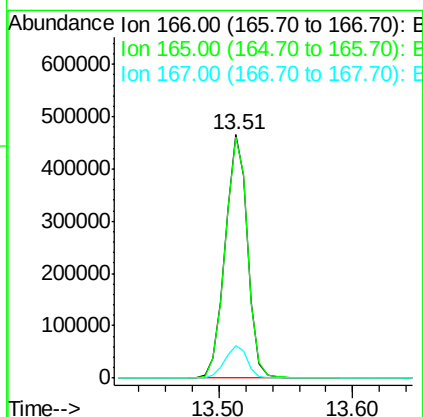
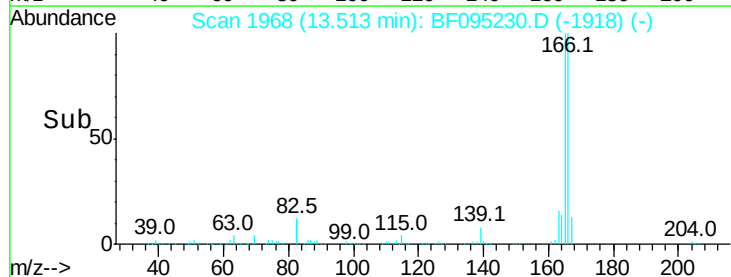
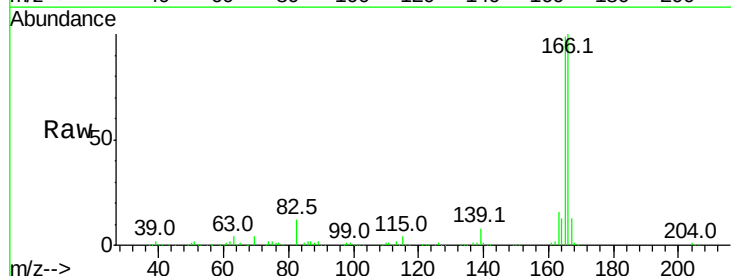
Instrument :
 BNA_F
 ClientSampleId :

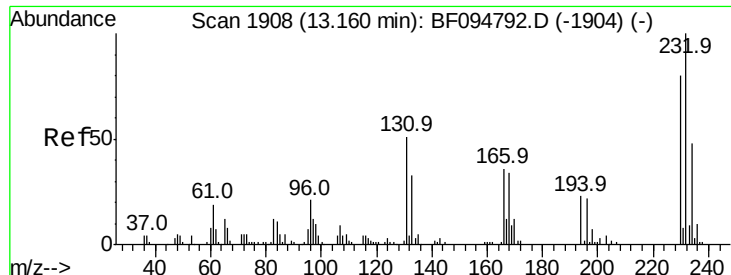
Tot Ion:165 Resp: 136322
 Ion Ratio Lower Upper
 165 100
 63 36.3 25.4 38.0
 89 61.8 46.4 69.6
 182 2.7 1.8 2.6#



#57
 Fluorene
 Concen: 39.41 ng
 RT: 13.51 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion:166 Resp: 549134
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.8 118.2
 167 13.2 10.6 16.0

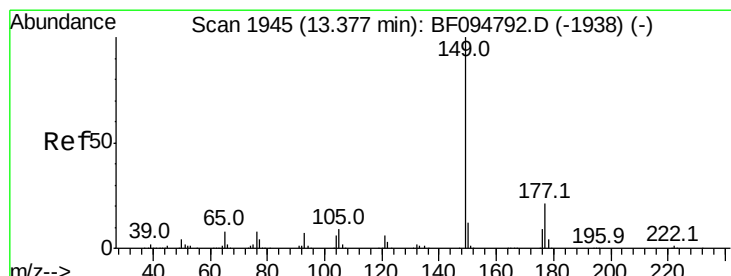
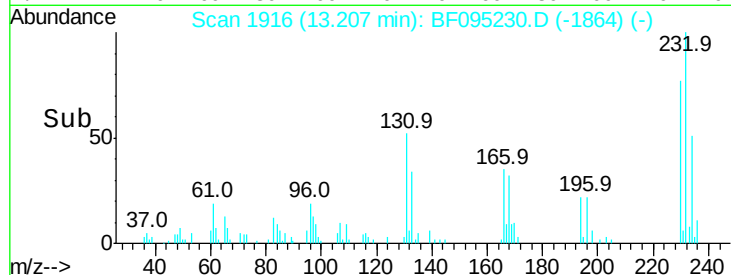
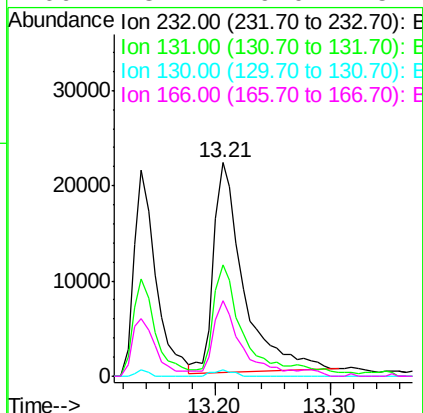
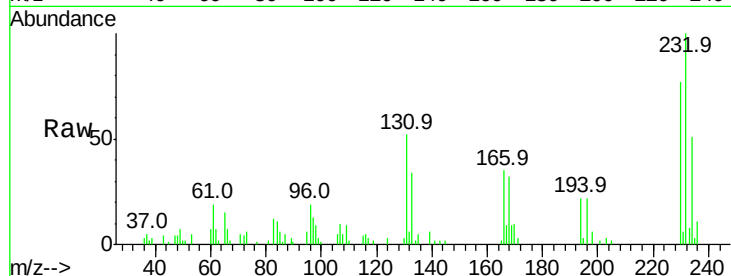




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 15.66 ng
 RT: 13.21 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

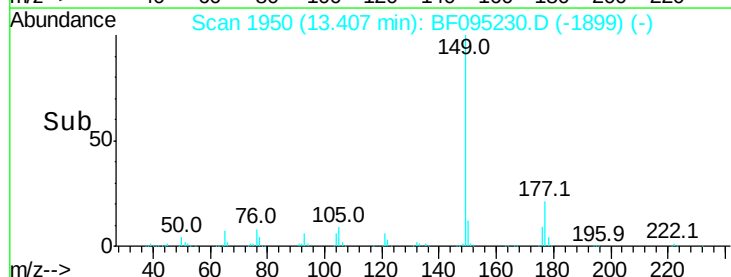
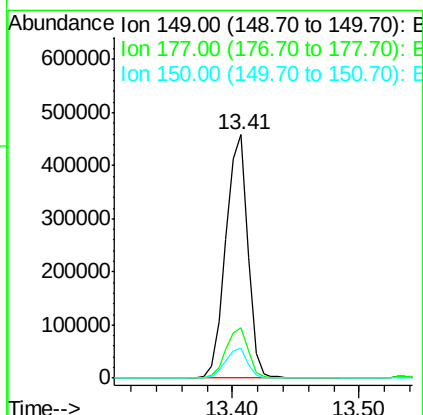
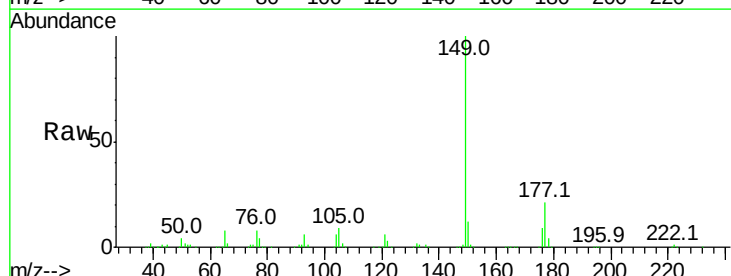
Instrument :
 BNA_F
 ClientSampleId :

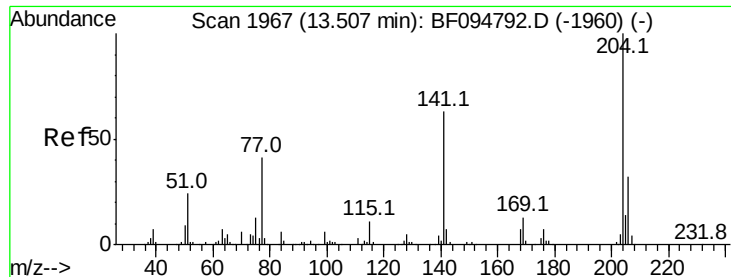
Tot Ion:232 Resp: 39603
 Ion Ratio Lower Upper
 232 100
 131 56.8 44.8 67.2
 130 1.9 2.3 3.5#
 166 28.4 29.0 43.4#



#59
 Diethylphthalate
 Concen: 38.43 ng
 RT: 13.41 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion:149 Resp: 550548
 Ion Ratio Lower Upper
 149 100
 177 20.8 16.7 25.1
 150 12.1 10.2 15.2

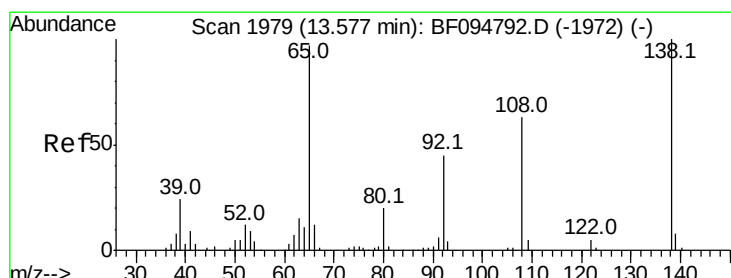
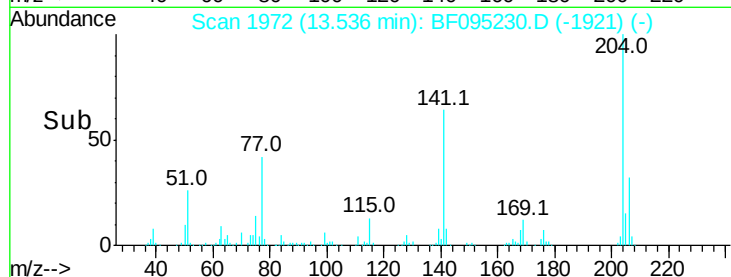
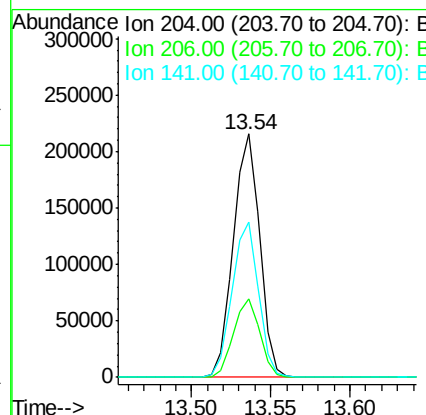
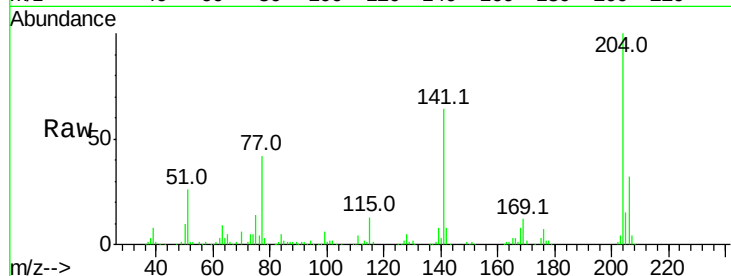




#60
4-Chlorophenyl-phenylether
Concen: 40.73 ng
RT: 13.54 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

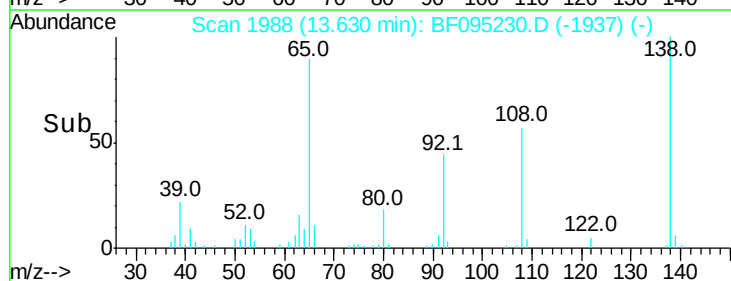
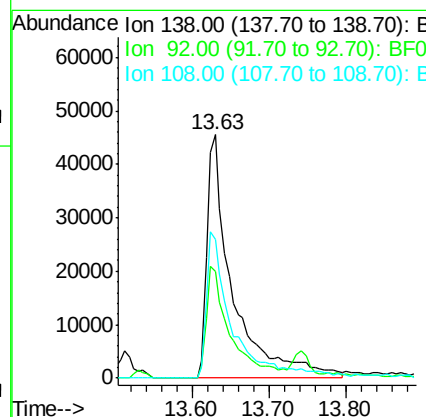
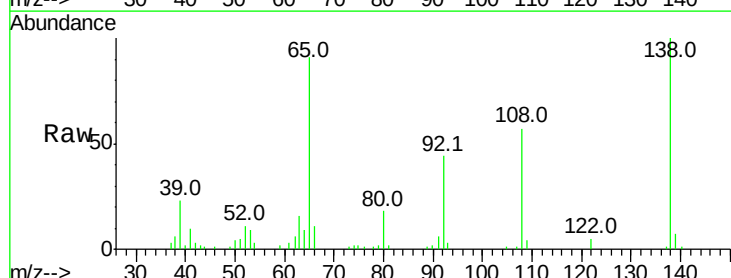
Instrument :
BNA_F
ClientSampled :

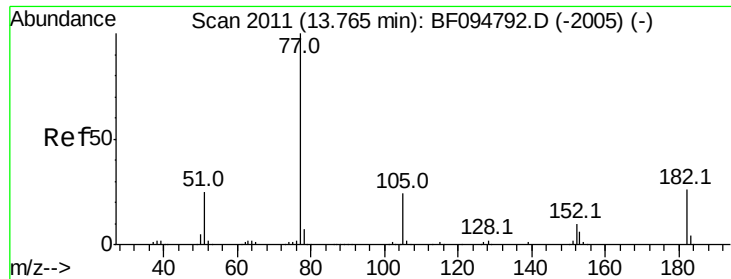
Tot Ion:204 Resp: 249421
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 63.9 60.8 91.2



#61
4-Nitroaniline
Concen: 35.04 ng
RT: 13.63 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:138 Resp: 105291
Ion Ratio Lower Upper
138 100
92 44.1 21.8 61.8
108 56.9 42.3 82.3





#62

Azobenzene

Concen: 44.54 ng

RT: 13.79 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 512697

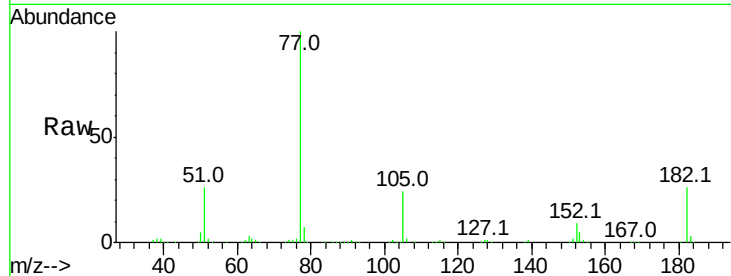
Ion	Ratio	Lower	Upper
77	100		
182	26.4	0.1	40.1
105	24.5	3.6	43.6
51	26.1	9.4	49.4

77 100

182 26.4 0.1 40.1

105 24.5 3.6 43.6

51 26.1 9.4 49.4

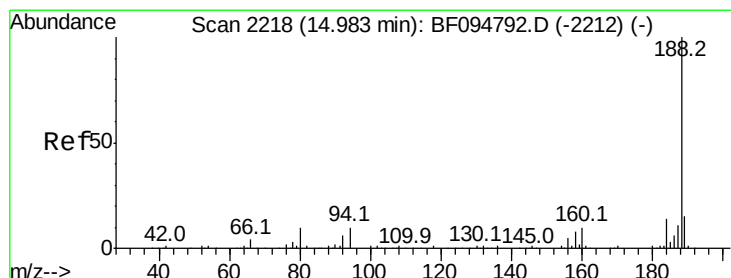
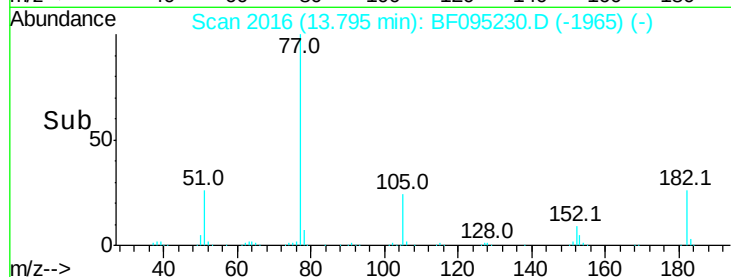
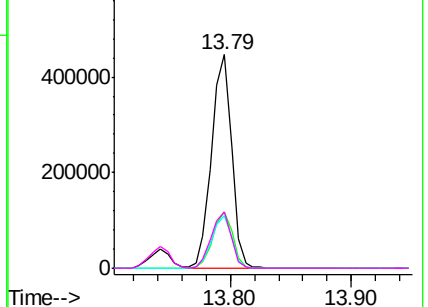


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

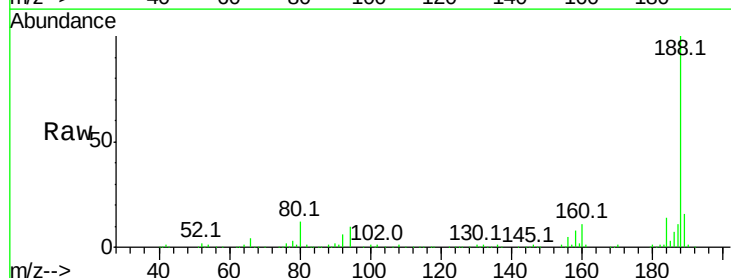
Tgt Ion: 188 Resp: 315190

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.6	10.2	15.2

188 100

94 10.4 9.4 14.2

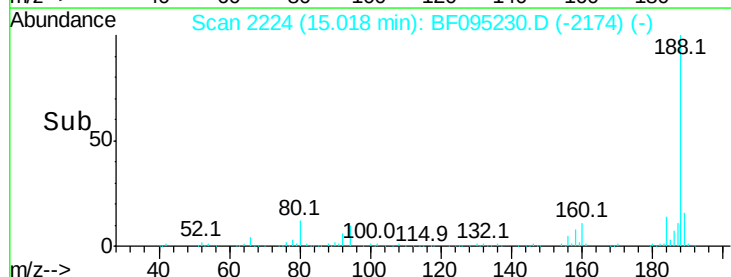
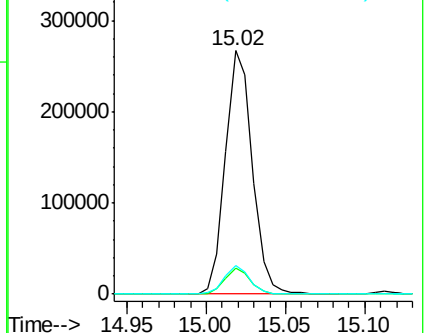
80 11.6 10.2 15.2

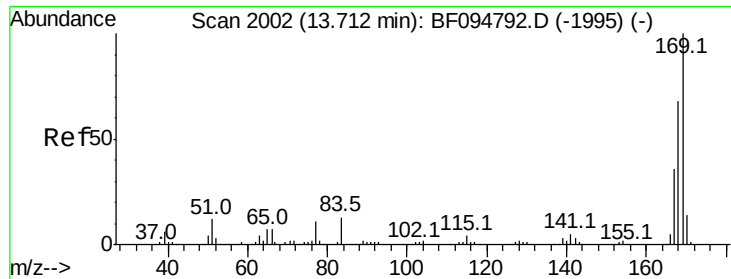


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

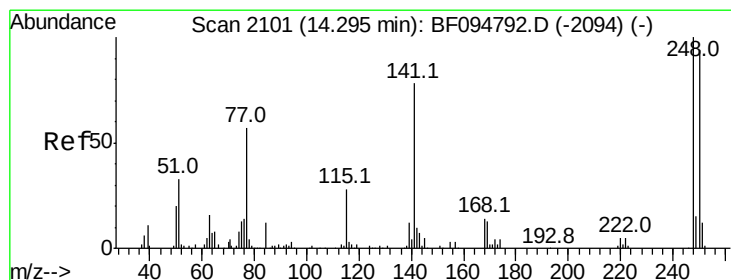
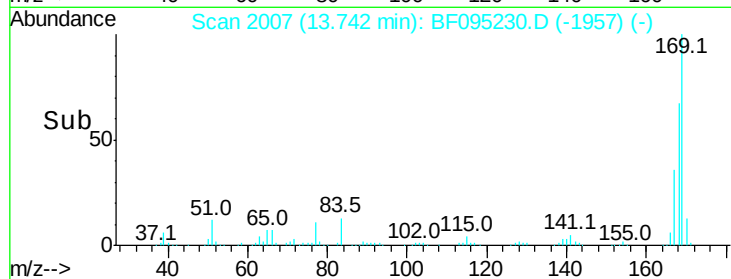
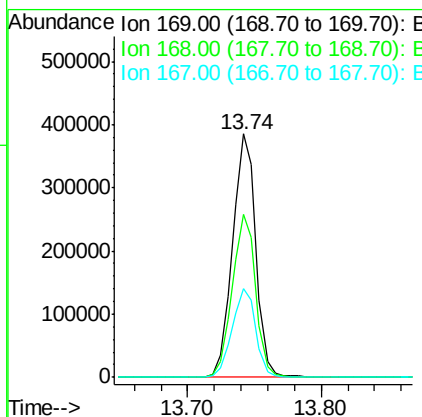
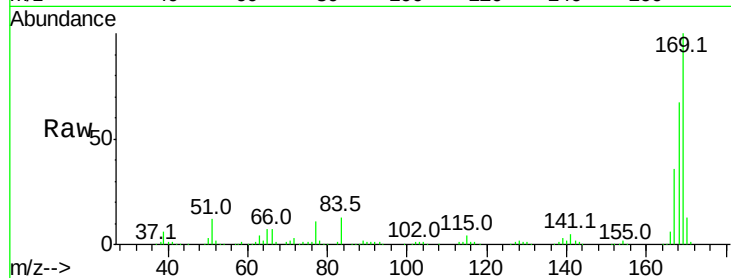




#65
 n-Nitrosodiphenylamine
 Concen: 41.08 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

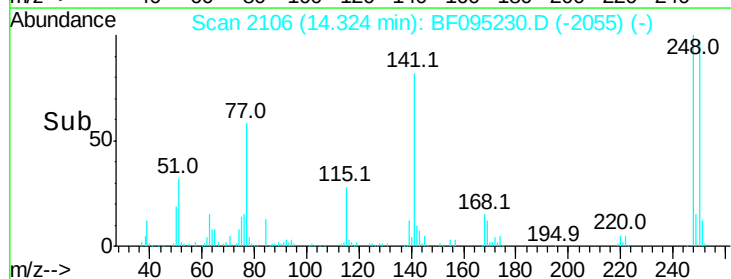
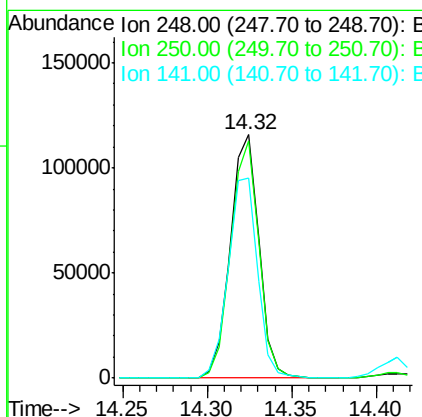
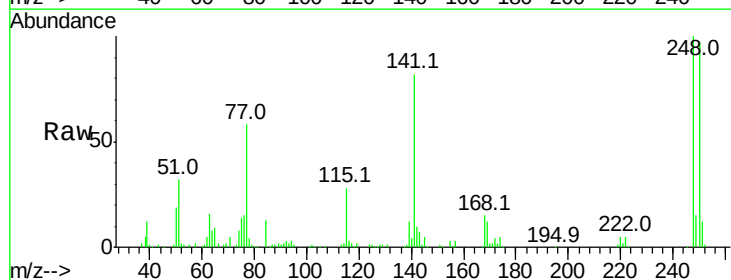
Instrument :
 BNA_F
 ClientSampleId :

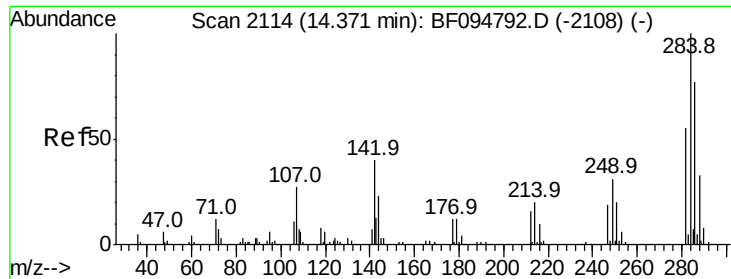
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.2	79.8
167	36.5	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 40.92 ng
 RT: 14.32 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.8	115.2
141	82.0	68.6	103.0





#67

Hexachlorobenzene

Concen: 40.73 ng

RT: 14.41 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

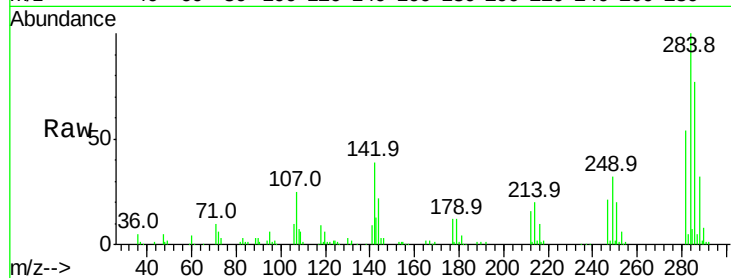
Tot Ion:284 Resp: 139008

Ion Ratio Lower Upper

284 100

142 38.7 22.8 34.2#

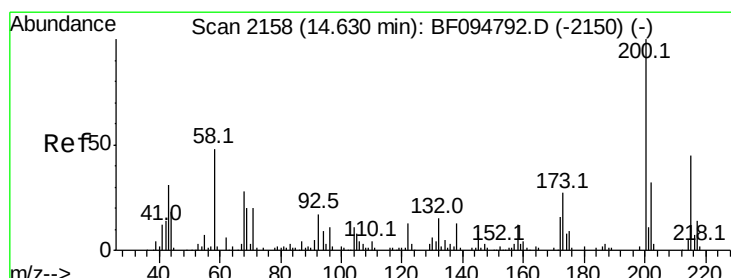
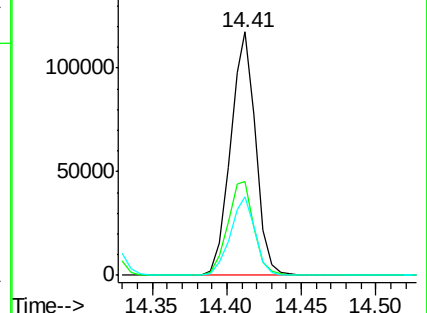
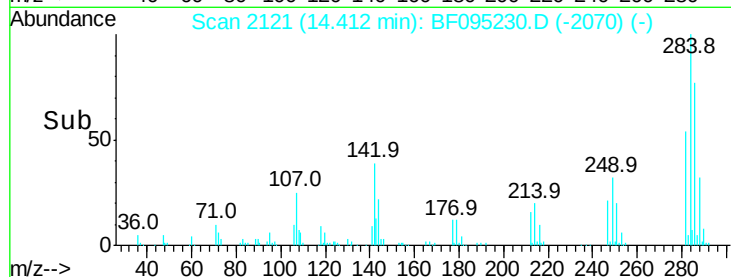
249 32.3 24.0 36.0



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: 45.13 ng

RT: 14.67 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

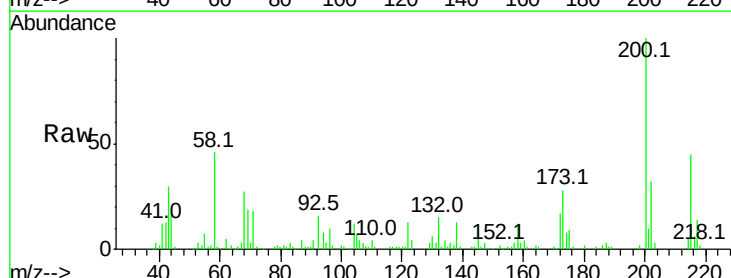
Tgt Ion:200 Resp: 145779

Ion Ratio Lower Upper

200 100

173 28.4 6.3 46.3

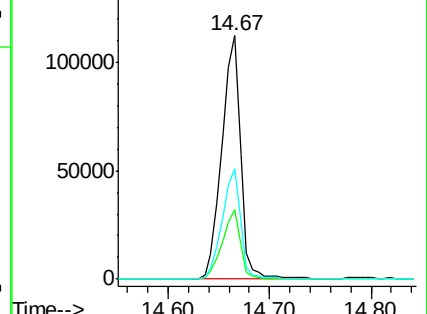
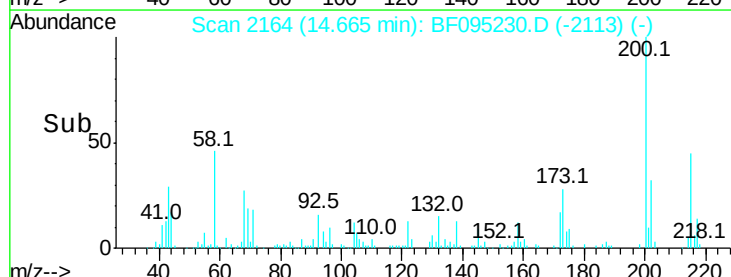
215 45.3 27.2 67.2

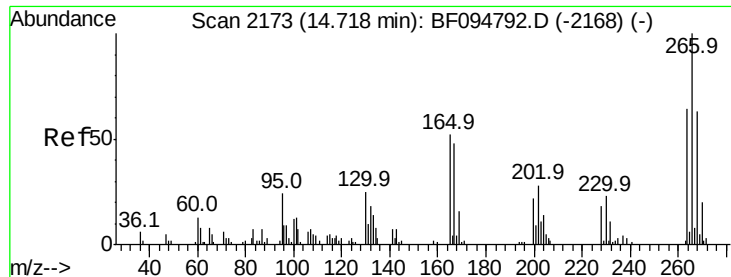


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 13.00 ng

RT: 14.79 min Scan# 2185

Delta R.T. 0.02 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

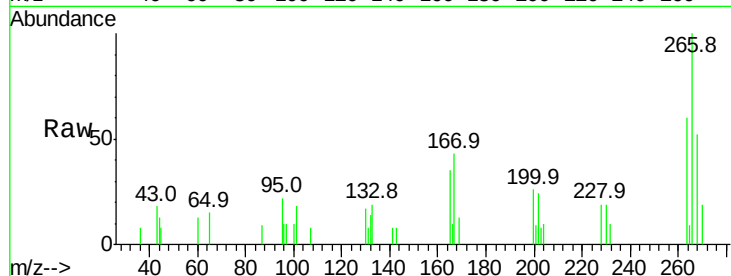
Tot Ion:266 Resp: 11883

Ion Ratio Lower Upper

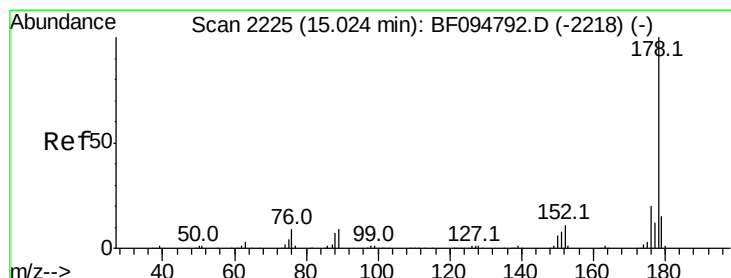
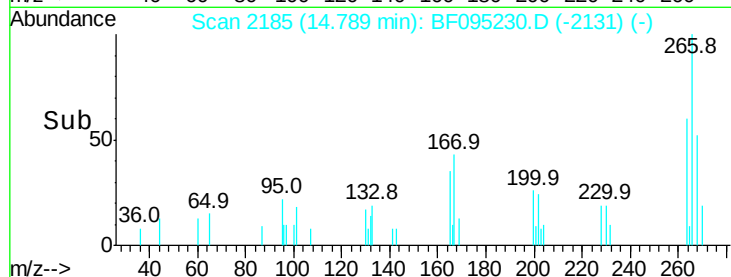
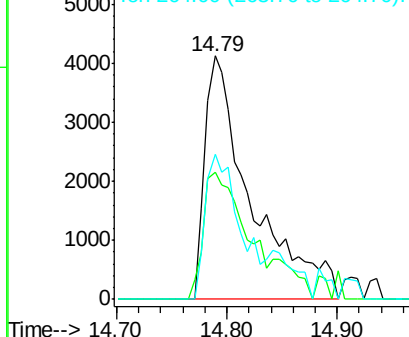
266 100

268 52.3 51.1 76.7

264 68.8 51.7 77.5



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



#70

Phenanthrene

Concen: 41.52 ng

RT: 15.06 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

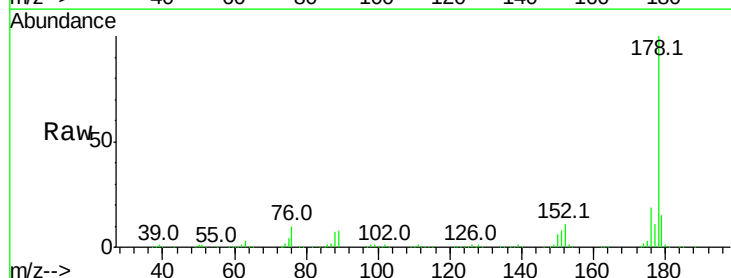
Tgt Ion:178 Resp: 751858

Ion Ratio Lower Upper

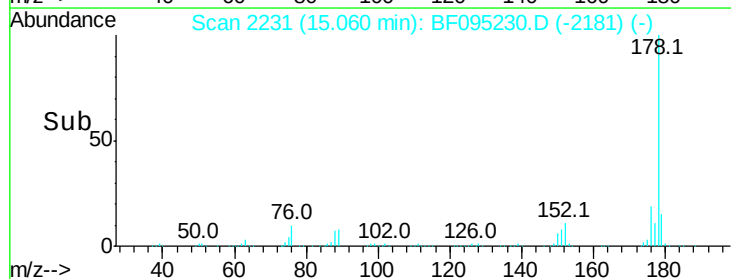
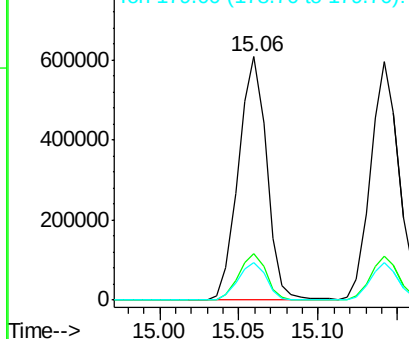
178 100

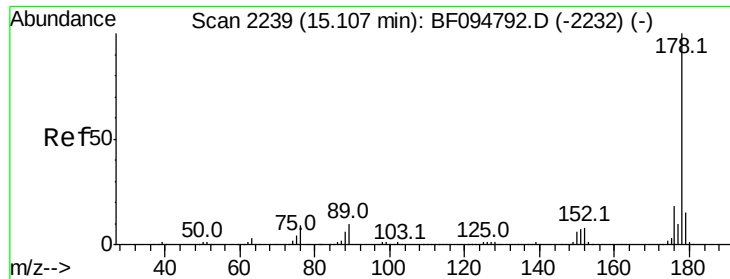
176 19.1 16.2 24.4

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

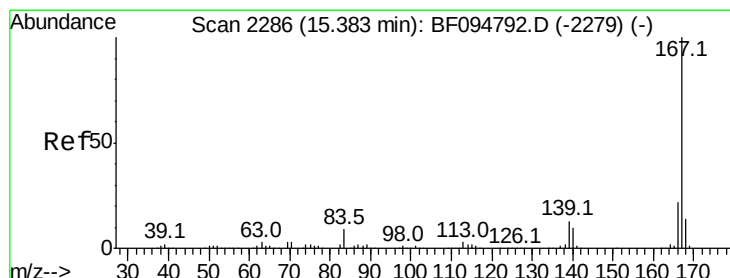
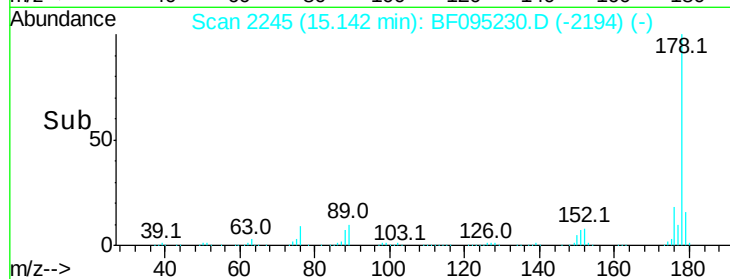
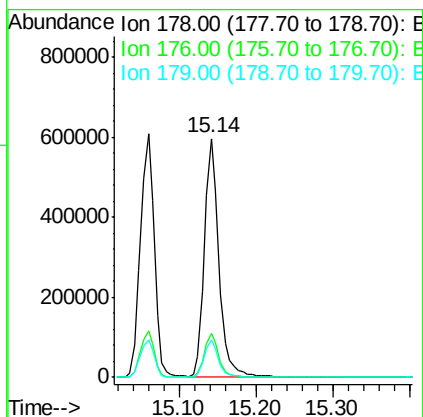
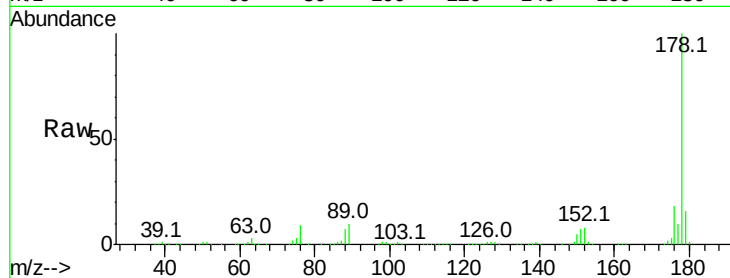




#71
 Anthracene
 Concen: 42.29 ng
 RT: 15.14 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

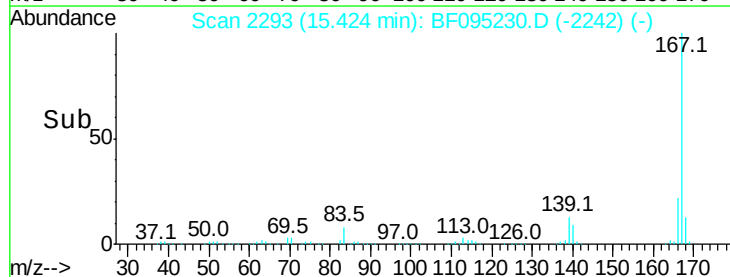
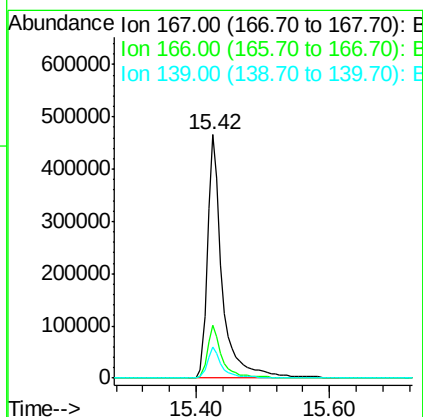
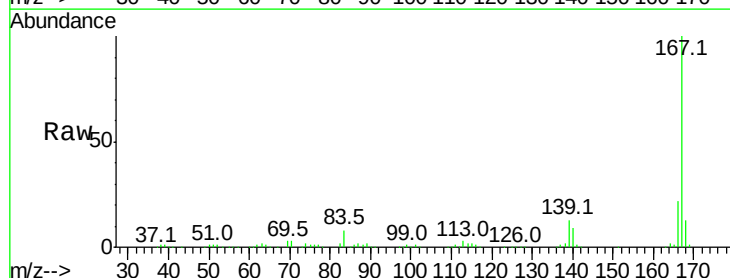
Instrument :
 BNA_F
 ClientSampleId :

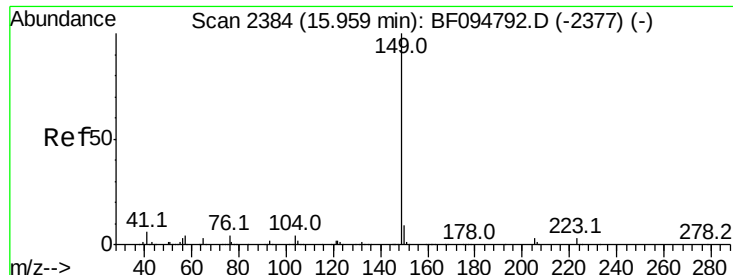
Tot Ion:178 Resp: 782392
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 42.79 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion:167 Resp: 720199
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 12.7 11.7 17.5

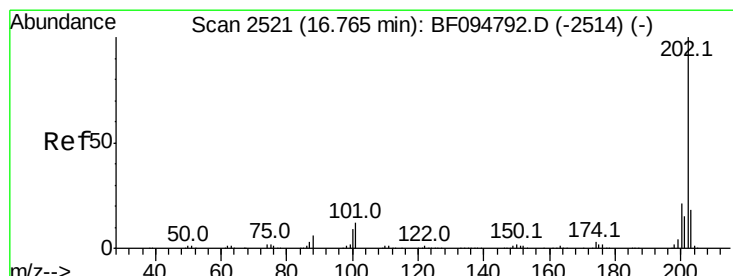
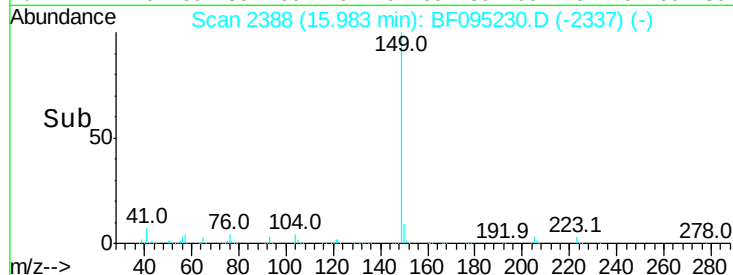
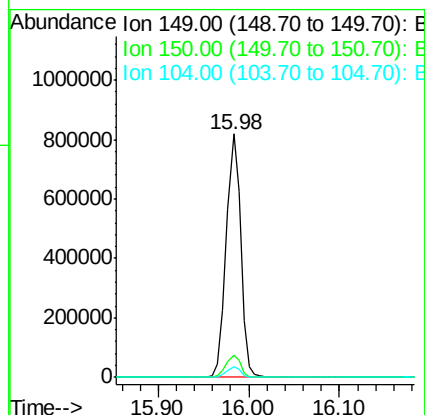
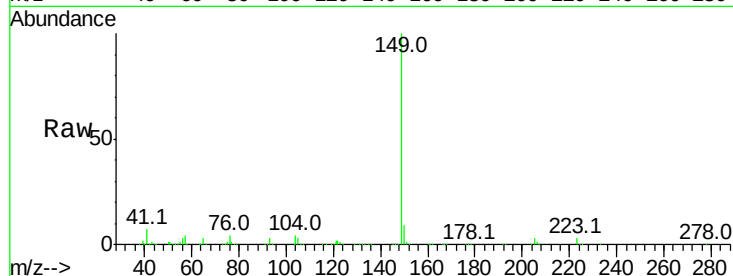




#73
Di-n-butylphthalate
Concen: 42.72 ng
RT: 15.98 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

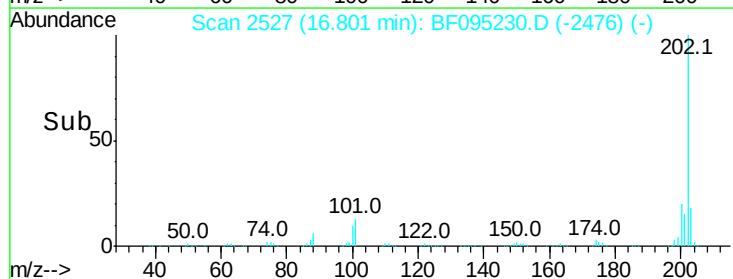
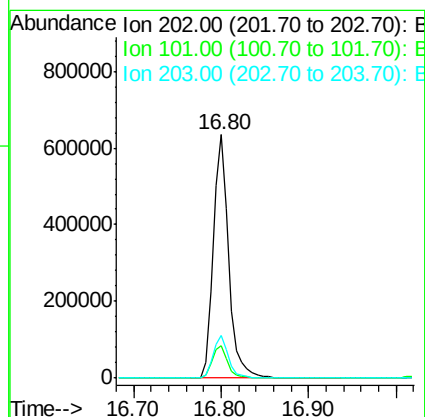
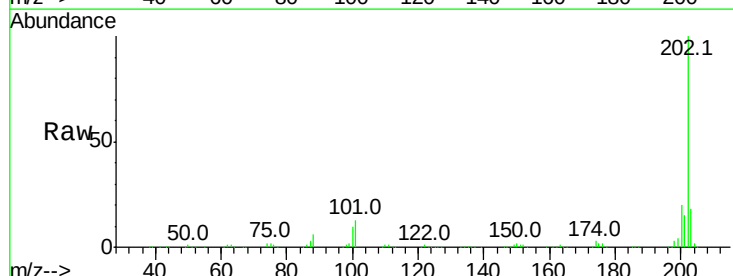
Instrument :
BNA_F
ClientSampleId :

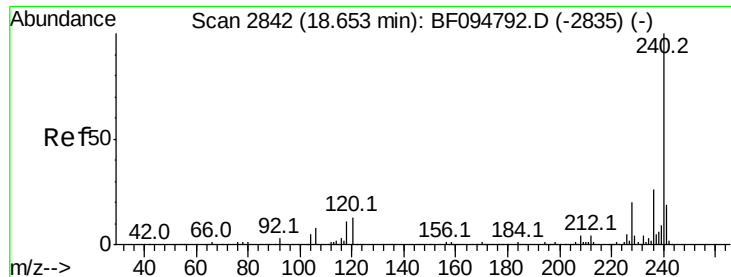
Tot Ion:149 Resp: 896685
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 42.02 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:202 Resp: 780604
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.2
203 17.6 0.0 38.1

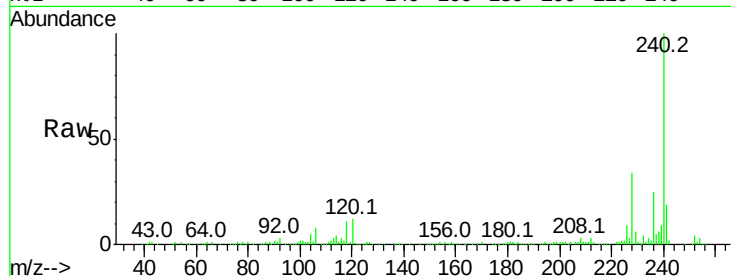




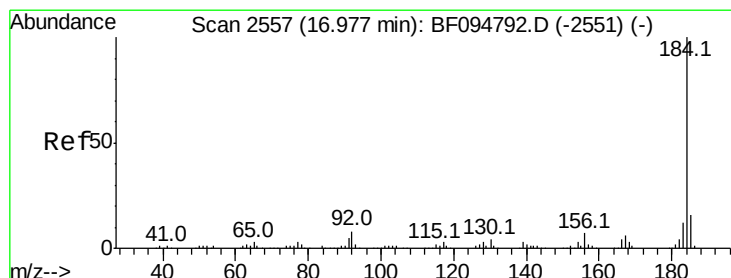
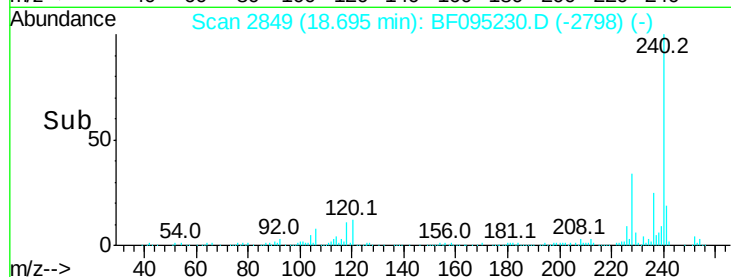
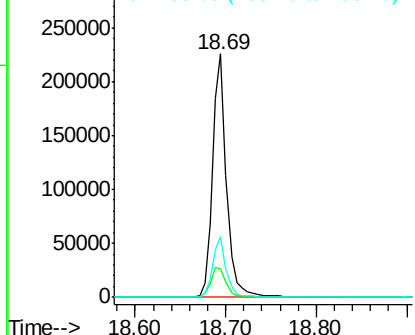
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:240 Resp: 242631
 Ion Ratio Lower Upper
 240 100
 120 12.0 5.8 8.8#
 236 24.7 20.5 30.7

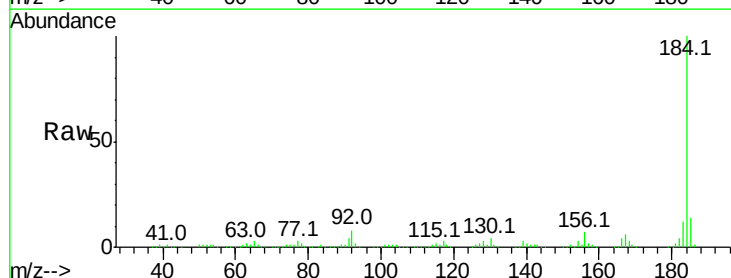


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

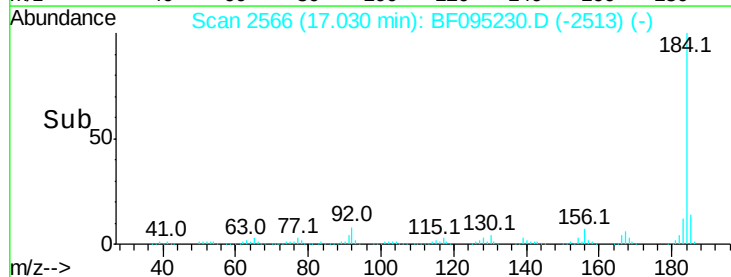
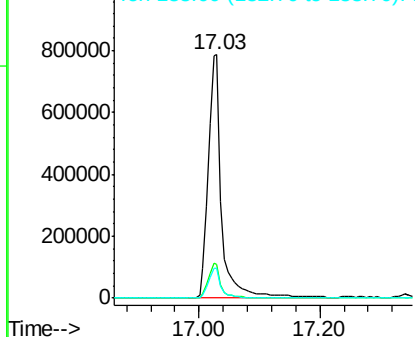


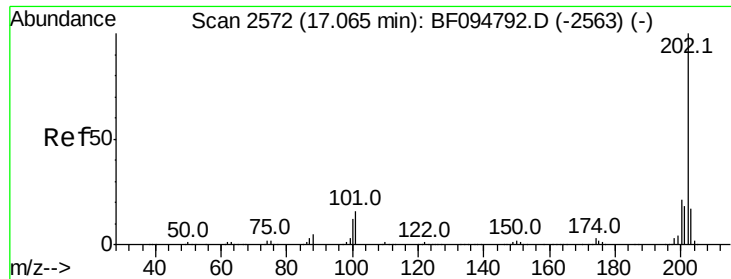
#76
 Benzidine
 Concen: 167.96 ng
 RT: 17.03 min Scan# 2566
 Delta R.T. 0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion:184 Resp: 1227413
 Ion Ratio Lower Upper
 184 100
 185 14.1 15.5 23.3#
 183 12.3 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E

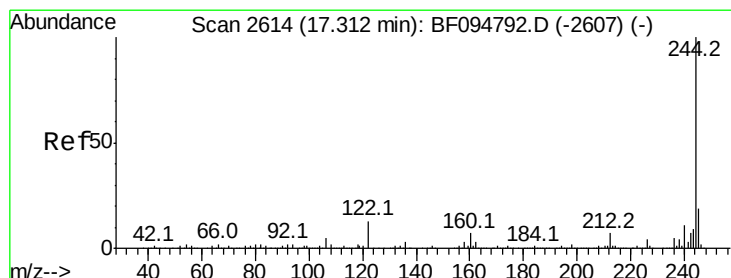
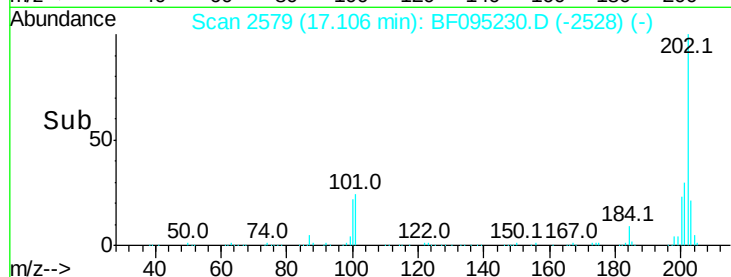
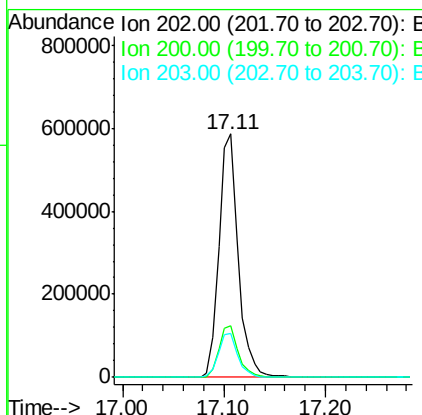
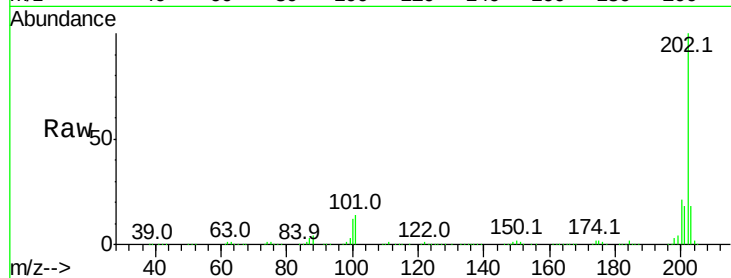




#77
Pvrene
Concen: 42.38 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

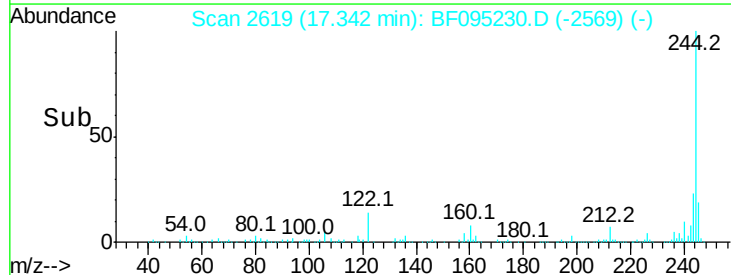
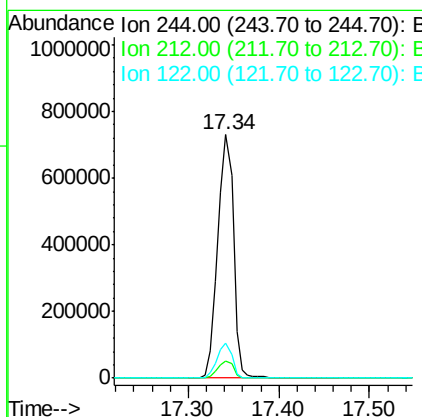
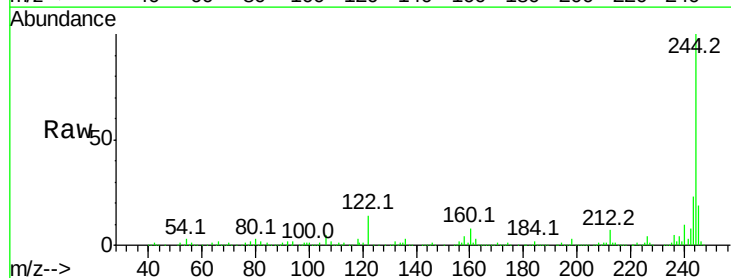
Instrument :
BNA_F
ClientSampleId :

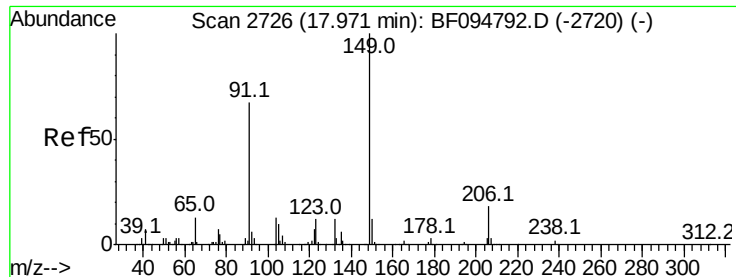
Tot Ion:202 Resp: 769027
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 17.9 14.4 21.6



#78
Terphenyl-d14
Concen: 79.50 ng
RT: 17.34 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:244 Resp: 875800
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 14.2 10.3 15.5





#79

Butylbenzylphthalate

Concen: 41.54 ng

RT: 18.00 min Scan# 2731

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

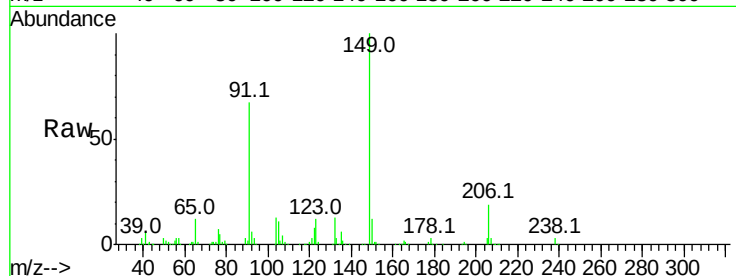
Tot Ion:149 Resp: 350588

Ion Ratio Lower Upper

149 100

91 67.0 45.0 67.4

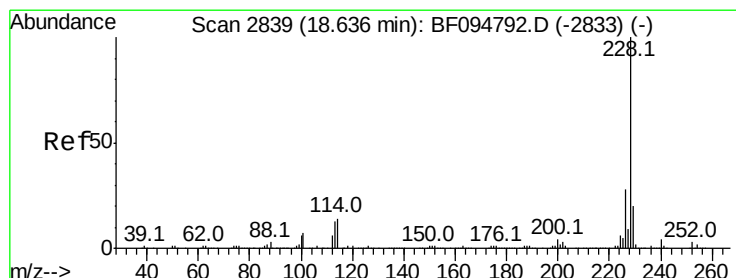
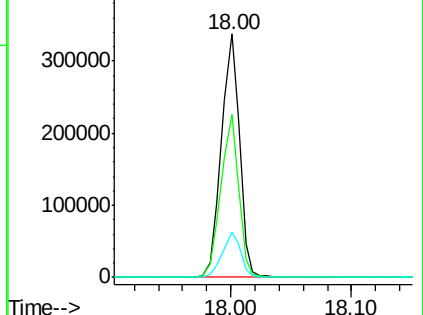
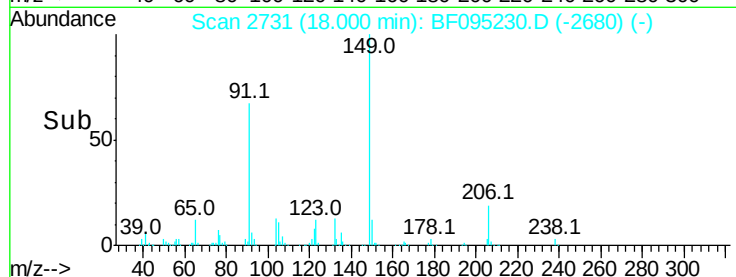
206 18.5 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.65 ng

RT: 18.68 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

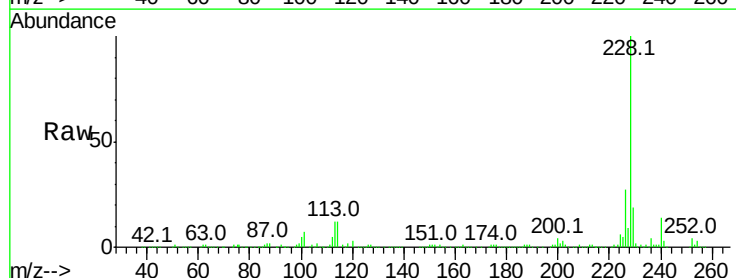
Tgt Ion:228 Resp: 559859

Ion Ratio Lower Upper

228 100

226 27.2 22.6 33.8

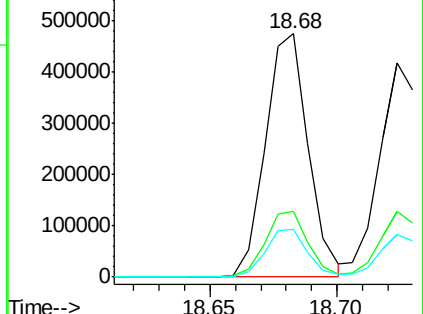
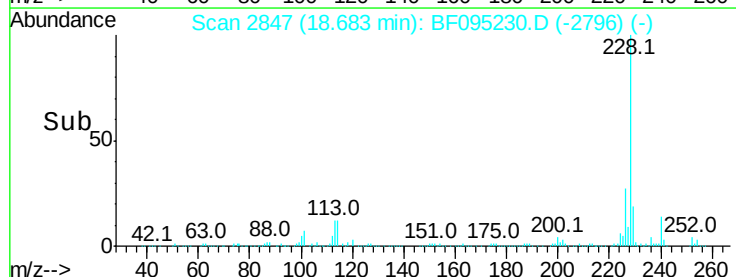
229 19.4 16.3 24.5

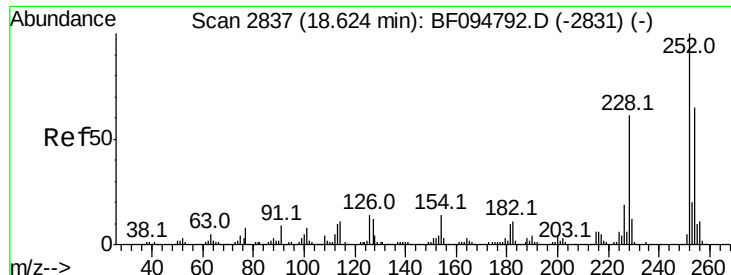


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

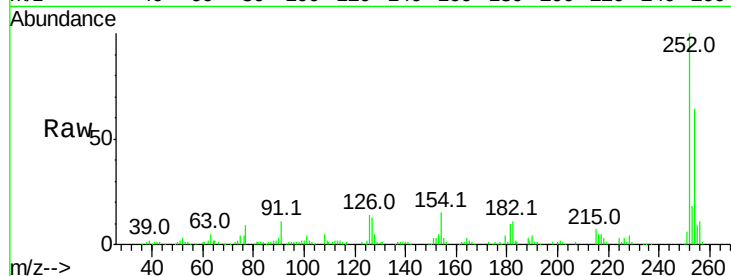




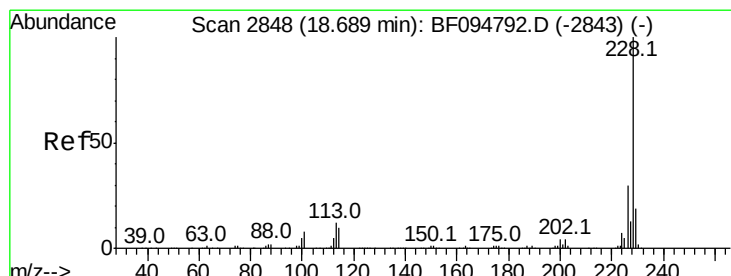
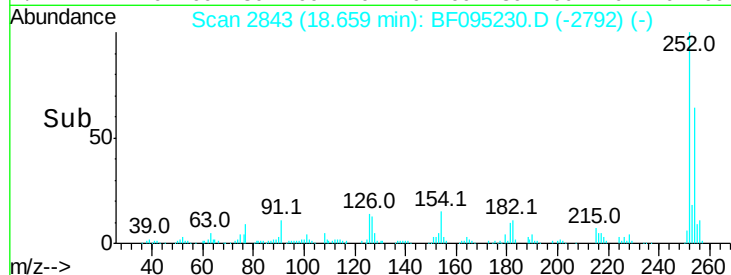
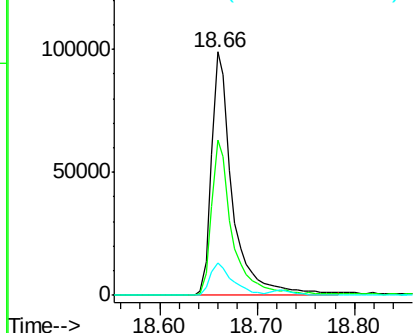
#81
 3,3'-Dichlorobenzidine
 Concen: 30.54 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.5	77.3
126	13.5	15.8	23.8#

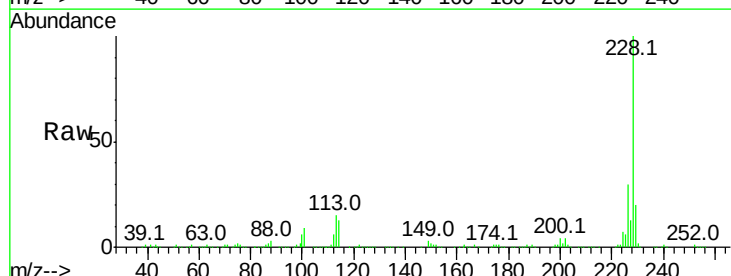


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

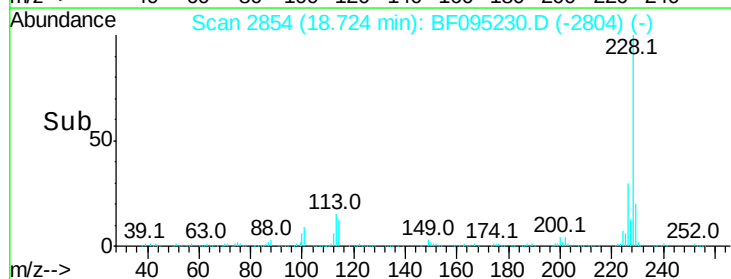
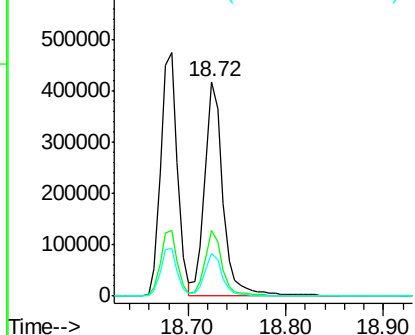


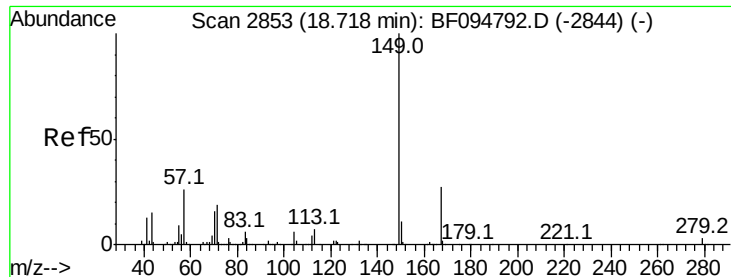
#82
 Chrysene
 Concen: 39.66 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.2	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.80 ng

RT: 18.74 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

Instrument :

BNA_F

ClientSampleId :

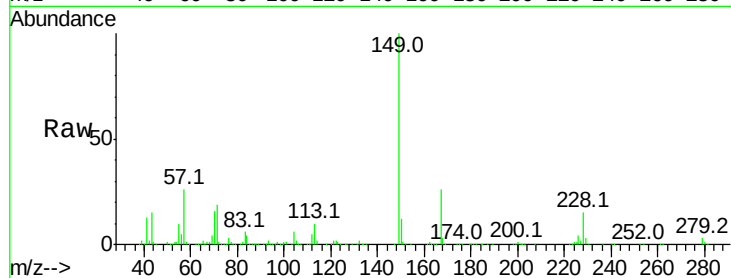
Tot Ion:149 Resp: 502622

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

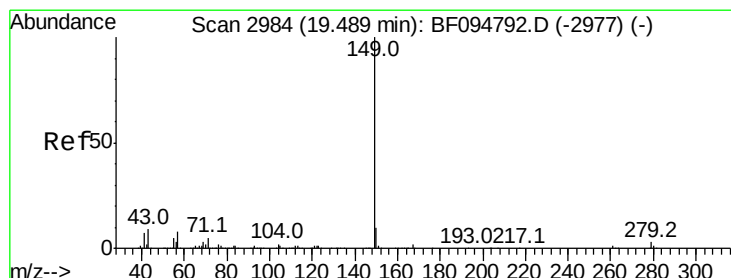
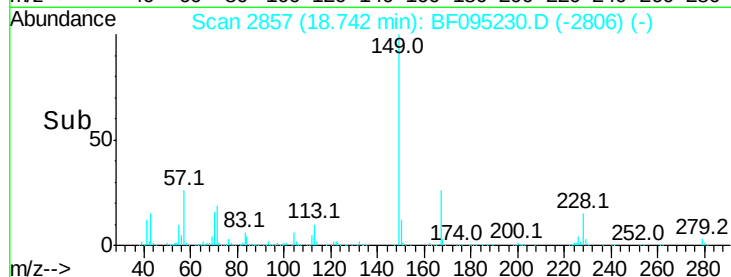
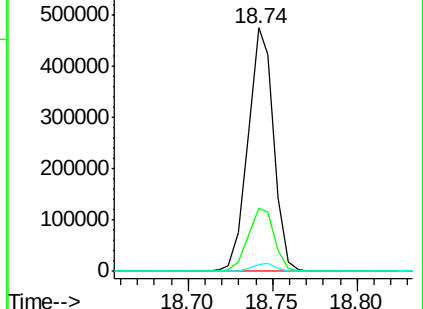
279 2.8 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.50 ng

RT: 19.51 min Scan# 2988

Delta R.T. 0.00 min

Lab File: BF095230.D

Acq: 18 May 2017 19:22

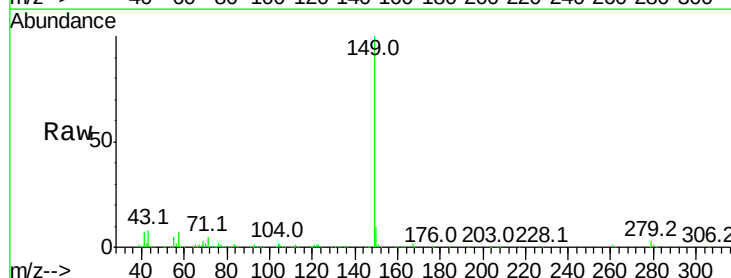
Tgt Ion:149 Resp: 700000

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

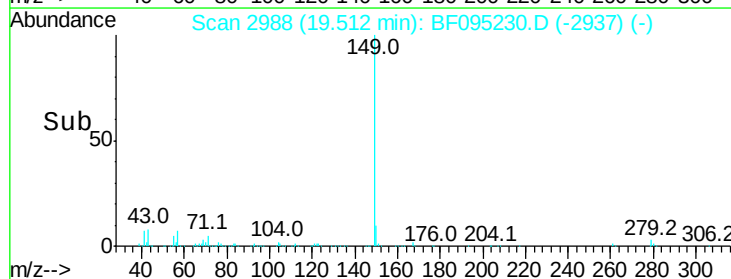
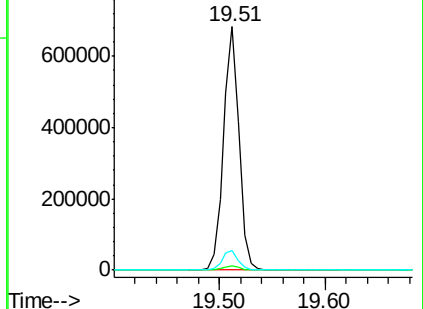
43 8.3 8.5 12.7#

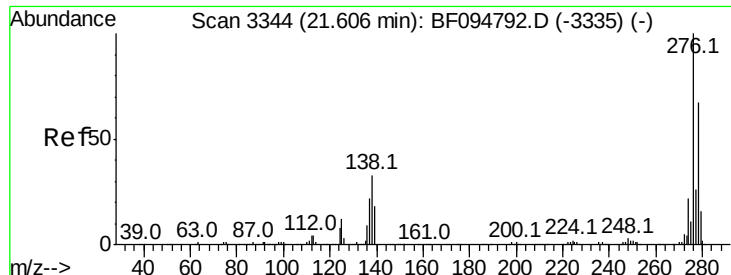


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

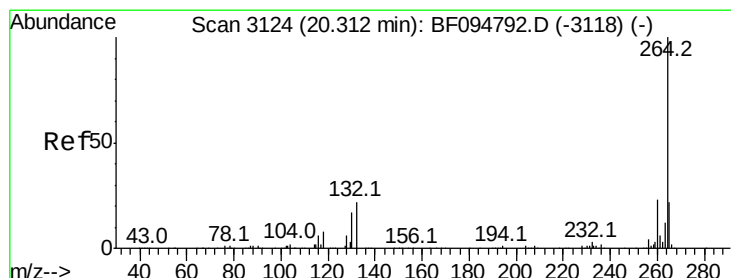
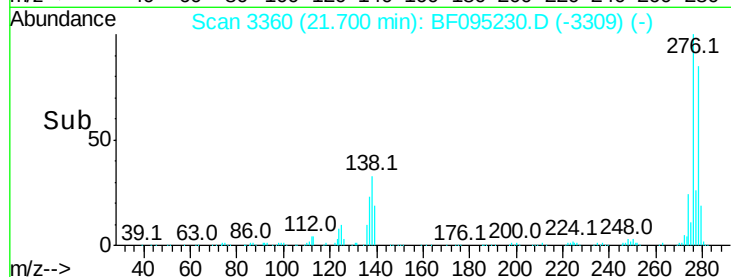
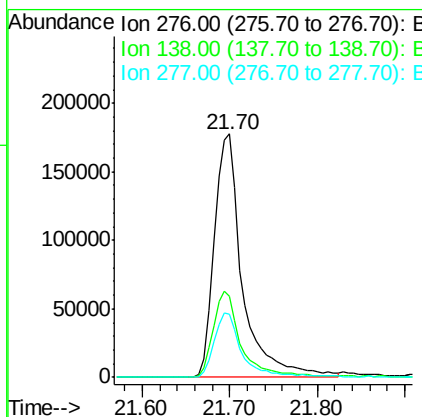
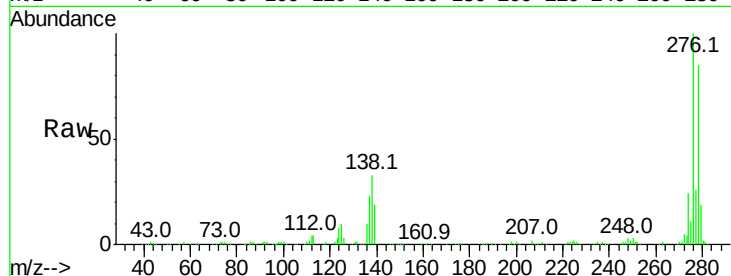




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.70 ng
 RT: 21.70 min Scan# 3360
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

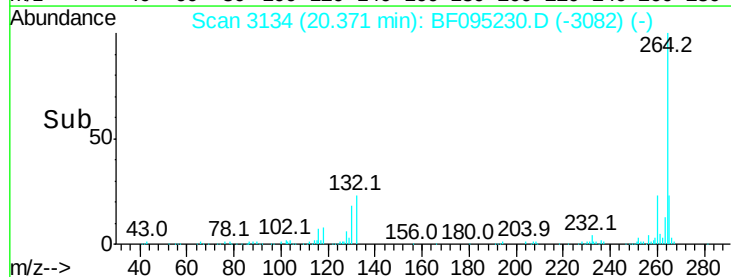
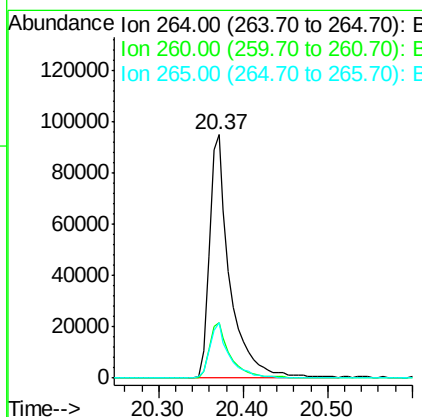
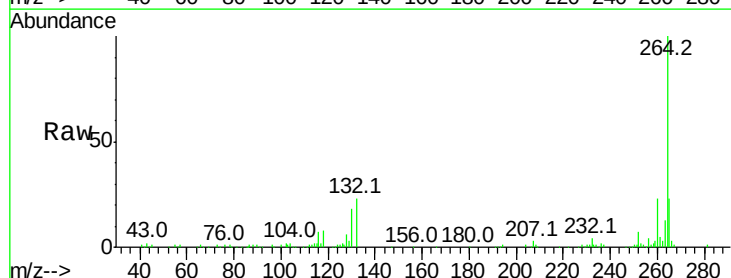
Instrument :
 BNA_F
 ClientSampleId :

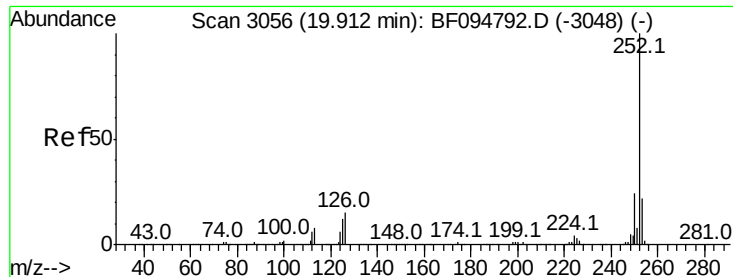
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	27.8	41.6
277	26.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	22.6	17.2	25.8

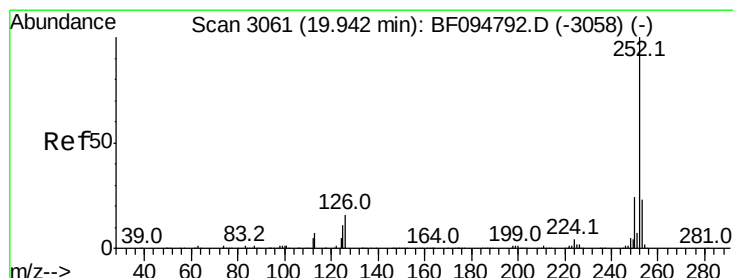
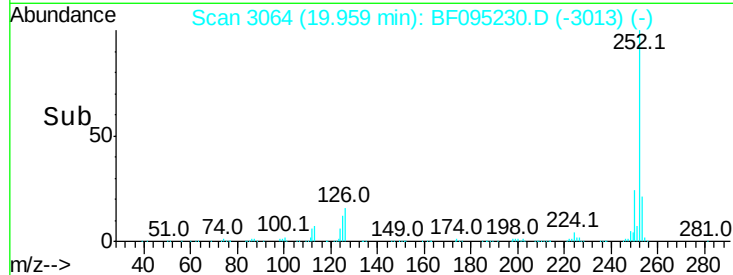
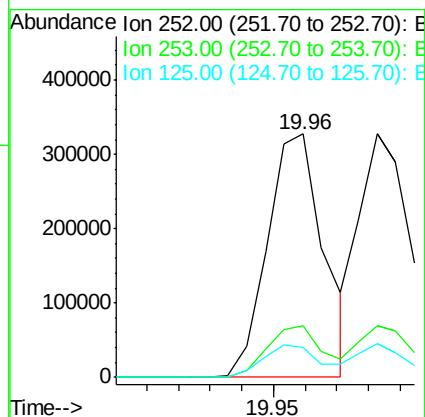
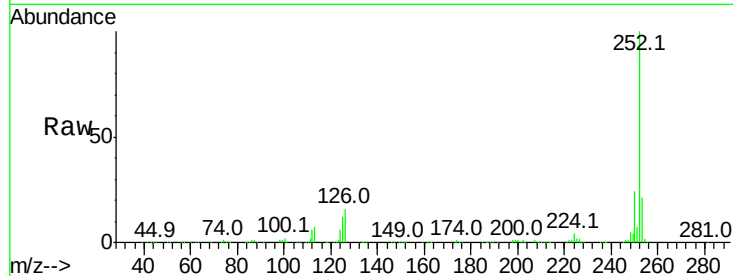




#87
Benzo(b)fluoranthene
Concen: 40.57 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

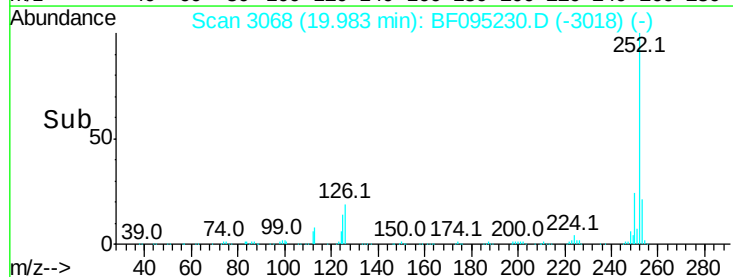
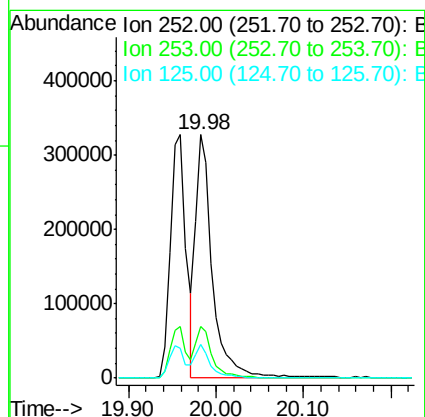
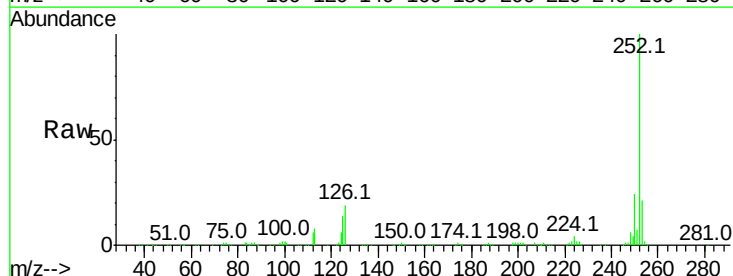
Instrument :
BNA_F
ClientSampleId :

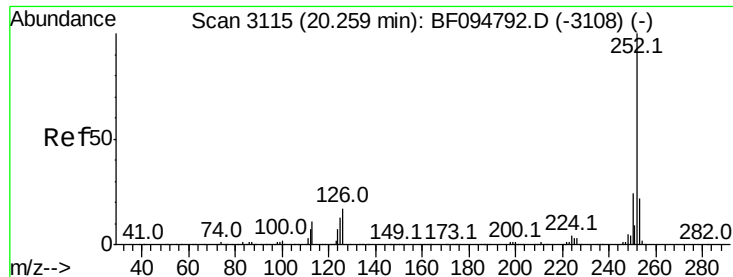
Tot Ion:252 Resp: 403930
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 12.1 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 45.52 ng
RT: 19.98 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:252 Resp: 437196
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 13.8 13.1 19.7

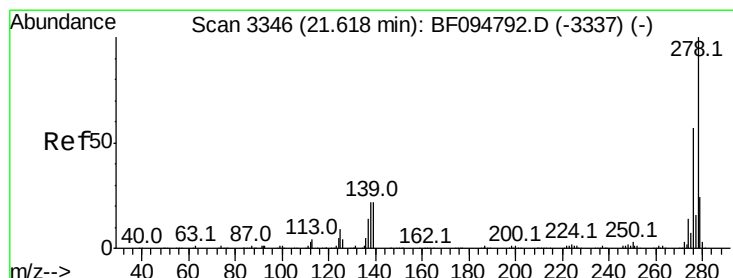
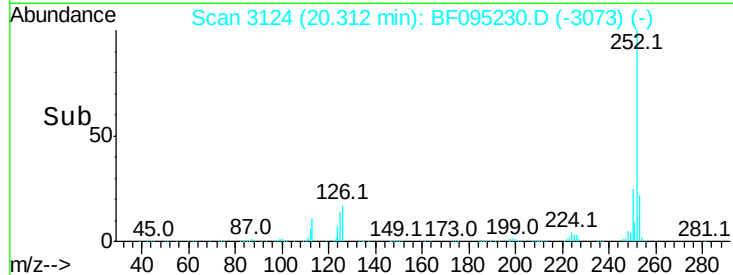
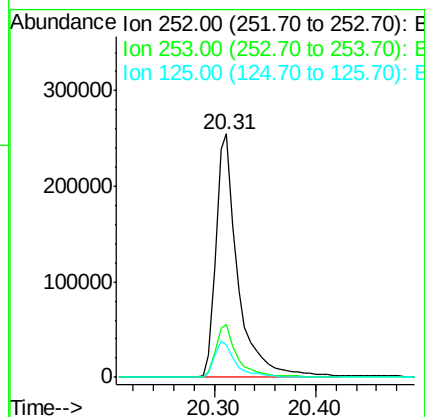
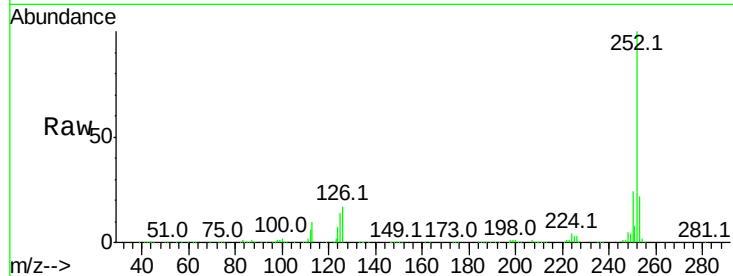




#89
Benzo(a)pyrene
Concen: 41.25 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

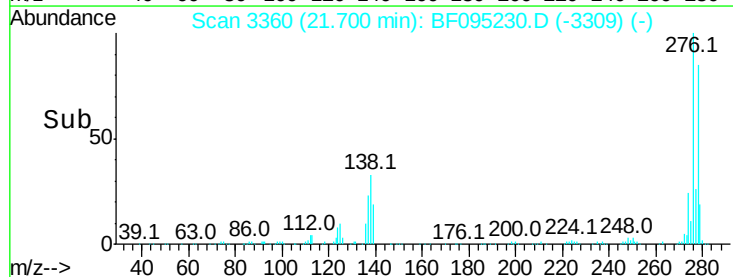
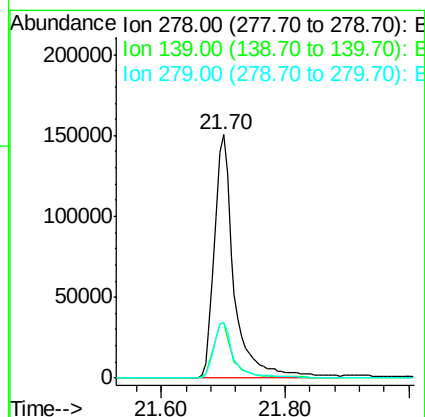
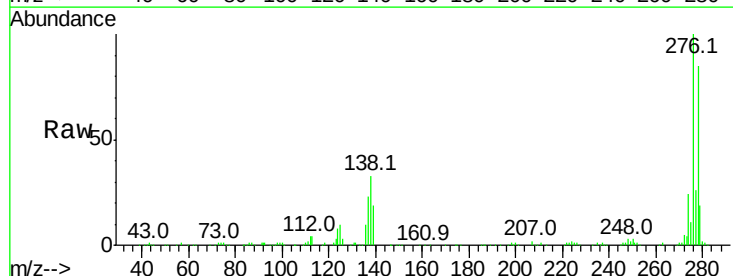
Instrument :
BNA_F
ClientSampleId :

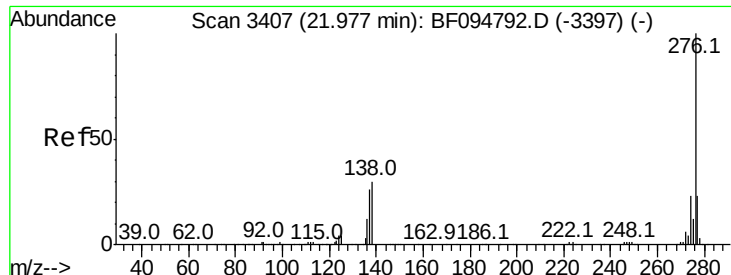
Tot Ion:252 Resp: 378940
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 13.5 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 43.91 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BF095230.D
Acq: 18 May 2017 19:22

Tgt Ion:278 Resp: 333144
Ion Ratio Lower Upper
278 100
139 22.7 16.6 24.8
279 22.6 19.3 28.9

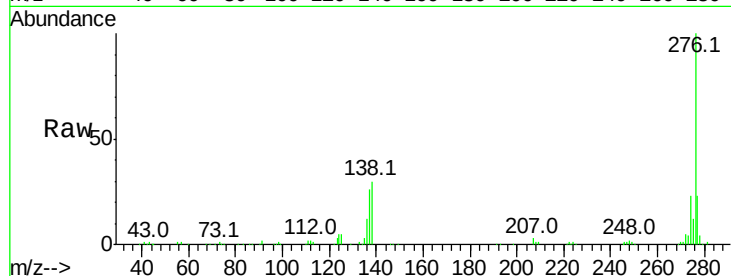




#91
 Benzo(a,h,i)perylene
 Concen: 42.47 ng
 RT: 22.08 min Scan# 3425
 Delta R.T. 0.00 min
 Lab File: BF095230.D
 Acq: 18 May 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	316200
Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	29.6	25.4	38.0



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

