

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095226.D
 Acq On : 18 May 2017 17:10
 Operator : SJ/MA
 Sample : PB99052BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99052BS

Quant Time: May 19 01:03:26 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	7.77	152	99596	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	429476	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	193788	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	341313	20.00	ng	0.00
75) Chrysene-d12	18.69	240	245701	20.00	ng	0.00
86) Perylene-d12	20.37	264	172316	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.75	112	710031	118.86	ng	0.02
7) Phenol-d6	7.32	99	907169	126.56	ng	0.01
23) Nitrobenzene-d5	8.68	82	544909	80.01	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	199458	125.68	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1011259	75.11	ng	0.00
78) Terphenyl-d14	17.34	244	942790	84.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	83033	28.34	ng	93
3) Pyridine	3.03	79	183481	27.02	ng	96
4) n-Nitrosodimethylamine	2.95	42	77139	27.25	ng	79
6) Aniline	7.28	93	248823	27.50	ng	96
8) 2-Chlorophenol	7.47	128	273639	40.24	ng	96
9) Benzaldehyde	7.11	77	86422	19.75	ng	99
10) Phenol	7.34	94	285177	37.76	ng	91
11) bis(2-Chloroethyl)ether	7.41	93	242316	38.86	ng	93
12) 1,3-Dichlorobenzene	7.68	146	283872	36.80	ng	97
13) 1,4-Dichlorobenzene	7.80	146	297606	38.05	ng	96
14) 1,2-Dichlorobenzene	8.03	146	289227	39.61	ng	96
15) Benzyl Alcohol	8.06	79	218010	47.29	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.26	45	324081	36.72	ng	# 42
17) 2-Methylphenol	8.27	107	226255	40.66	ng	94
18) Hexachloroethane	8.55	117	97271	36.71	ng	89
19) n-Nitroso-di-n-propylamine	8.48	70	189658	39.12	ng	93
20) 3+4-Methylphenols	8.53	107	291985	38.62	ng	# 61
22) Acetophenone	8.45	105	382736	37.14	ng	# 84
24) Nitrobenzene	8.70	77	266888	37.39	ng	95
25) Isophorone	9.10	82	488097	40.13	ng	96
26) 2-Nitrophenol	9.21	139	152616	39.62	ng	98
27) 2,4-Dimethylphenol	9.34	122	242906	39.00	ng	98
28) bis(2-Chloroethoxy)methane	9.46	93	320973	38.15	ng	100
29) 2,4-Dichlorophenol	9.63	162	245051	41.67	ng	97
30) 1,2,4-Trichlorobenzene	9.71	180	239586	38.03	ng	99
31) Naphthalene	9.82	128	798534	36.99	ng	100
32) Benzoic acid	9.66	122	142009	36.13	ng	95
33) 4-Chloroaniline	10.00	127	69449	8.63	ng	# 92
34) Hexachlorobutadiene	10.04	225	120362	36.21	ng	99
35) Caprolactam	10.60	113	36880	20.89	ng	94
36) 4-Chloro-3-methylphenol	10.82	107	251171	39.95	ng	91
37) 2-Methylnaphthalene	10.95	142	567910	40.09	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	223746	37.54	ng	99
40) Hexachlorocyclopentadiene	11.20	237	147327	60.41	ng	98

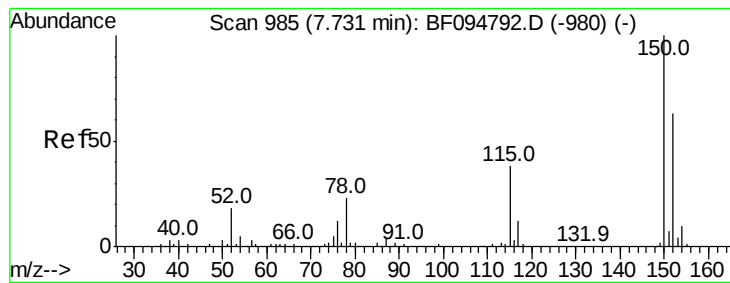
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095226.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	160407	40.31	nq	98
43) 2,4,5-Trichlorophenol	11.54	196	138369	32.35	nq	# 93
45) 1,1'-Biphenyl	11.71	154	579936	35.54	nq	99
46) 2-Chloronaphthalene	11.73	162	461397	35.02	nq	96
47) 2-Nitroaniline	11.95	65	132352	36.70	nq	# 77
48) Acenaphthylene	12.39	152	797657	38.66	nq	98
49) Dimethylphthalate	12.26	163	584977	36.77	nq	99
50) 2,6-Dinitrotoluene	12.35	165	130750	40.29	nq	96
51) Acenaphthene	12.67	154	462984	37.56	nq	100
52) 3-Nitroaniline	12.64	138	54169	15.55	nq	91
53) 2,4-Dinitrophenol	12.84	184	110742	63.36	nq	# 65
54) Dibenzofuran	12.96	168	717253	42.05	nq	99
55) 4-Nitrophenol	13.02	139	138838	66.36	nq	# 73
56) 2,4-Dinitrotoluene	13.02	165	175368	42.05	nq	# 90
57) Fluorene	13.51	166	539592	36.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.20	232	112004	41.61	nq	# 97
59) Diethylphthalate	13.41	149	503728	33.03	nq	98
60) 4-Chlorophenyl-phenylether	13.54	204	241718	37.09	nq	90
61) 4-Nitroaniline	13.63	138	92741	29.00	nq	98
62) Azobenzene	13.79	77	532201	43.43	nq	94
64) 4,6-Dinitro-2-methylphenol	13.69	198	79262	34.64	nq	# 68
65) n-Nitrosodiphenylamine	13.75	169	481506	38.87	nq	98
66) 4-Bromophenyl-phenylether	14.32	248	141542	39.25	nq	97
67) Hexachlorobenzene	14.41	284	142379	38.53	nq	# 88
68) Atrazine	14.67	200	144689	41.37	nq	94
69) Pentachlorophenol	14.77	266	105294	64.26	nq	96
70) Phenanthrene	15.06	178	765010	39.01	nq	97
71) Anthracene	15.14	178	788076	39.34	nq	98
72) Carbazole	15.42	167	687929	37.74	nq	97
73) Di-n-butylphthalate	15.98	149	936372	41.20	nq	99
74) Fluoranthene	16.80	202	776372	38.59	nq	99
76) Benzidine	17.02	184	221073	35.29	nq	# 93
77) Pyrene	17.10	202	800094	43.54	nq	98
79) Butylbenzylphthalate	18.00	149	349736	40.92	nq	88
80) Benzo(a)anthracene	18.68	228	569252	39.81	nq	99
81) 3,3'-Dichlorobenzidine	18.67	252	91127	18.45	nq	# 94
82) Chrysene	18.72	228	531542	38.44	nq	98
83) Bis(2-ethylhexyl)phthalate	18.74	149	501244	41.16	nq	# 100
84) Di-n-octyl phthalate	19.51	149	771374	38.63	nq	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	358180	31.90	nq	99
87) Benzo(b)fluoranthene	19.95	252	410222	38.53	nq	97
88) Benzo(k)fluoranthene	19.98	252	432574	42.12	nq	97
89) Benzo(a)pyrene	20.31	252	387082	39.40	nq	99
90) Dibenzo(a,h)anthracene	21.70	278	295716	36.44	nq	97
91) Benzo(g,h,i)perylene	22.08	276	305332	38.34	nq	96

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

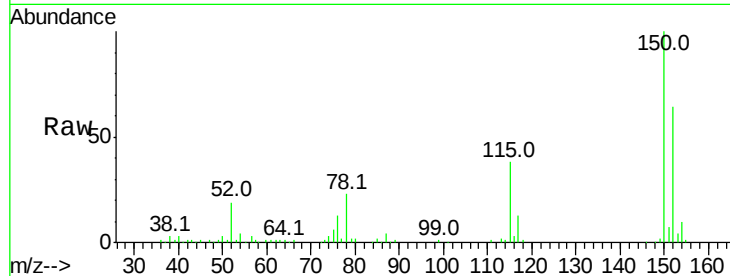


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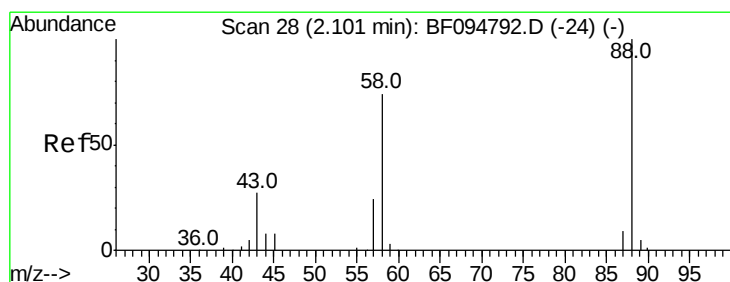
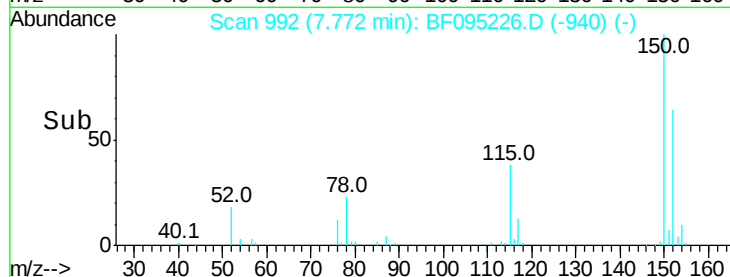
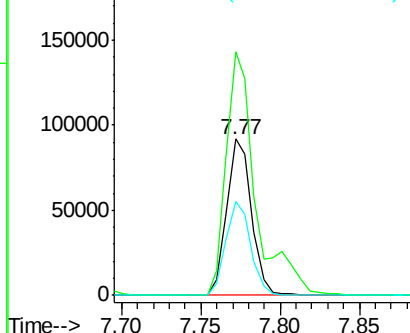
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

Instrument :
BNA_F
ClientSampleId :
PB99052BS

Tot Ion:152 Resp: 99596
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 59.6 52.2 78.2



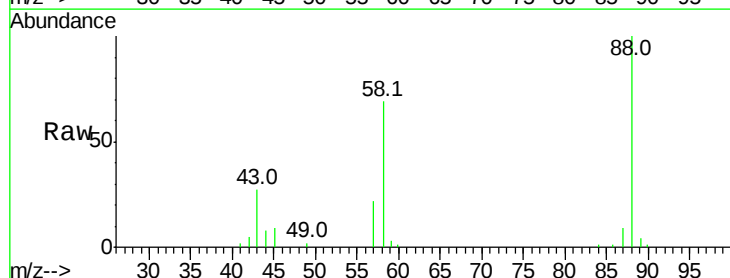
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



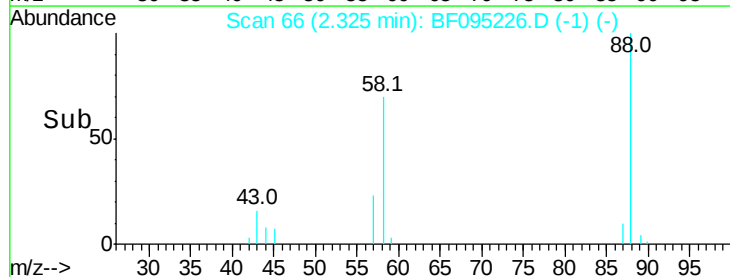
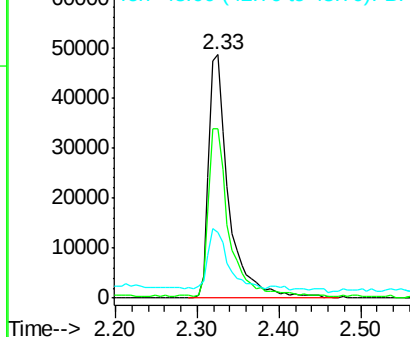
#2

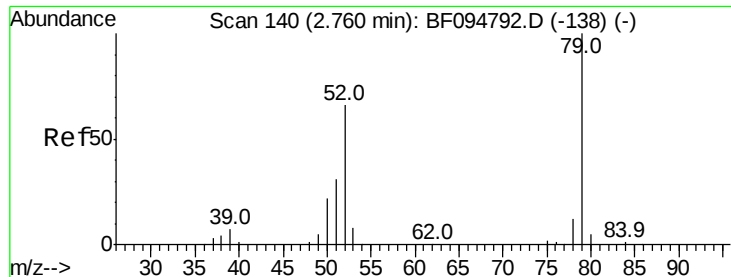
1,4-Dioxane
Concen: 28.34 ng
RT: 2.33 min Scan# 66
Delta R.T. 0.09 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

Tgt Ion: 88 Resp: 83033
Ion Ratio Lower Upper
88 100
58 70.1 61.4 92.0
43 25.7 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: 27.02 ng

RT: 3.03 min Scan# 186

Delta R.T. 0.11 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB99052BS

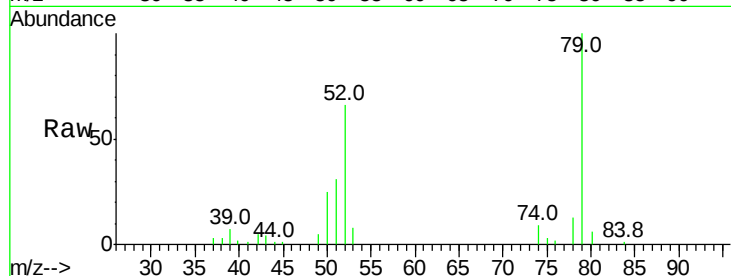
Tot Ion: 79 Resp: 183481

Ion Ratio Lower Upper

79 100

52 66.0 54.8 82.2

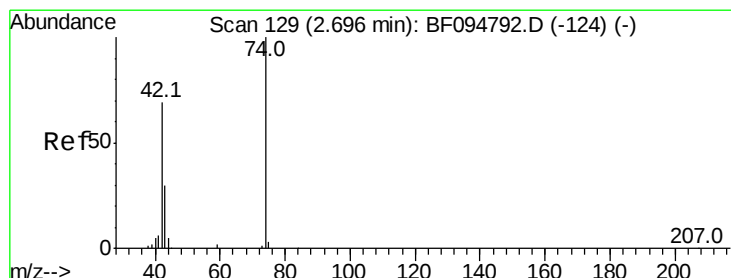
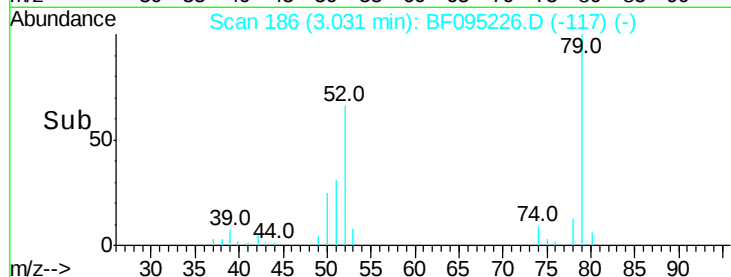
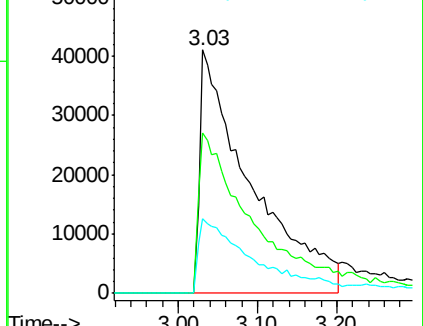
51 30.7 27.0 40.4



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: 27.25 ng

RT: 2.95 min Scan# 172

Delta R.T. 0.10 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

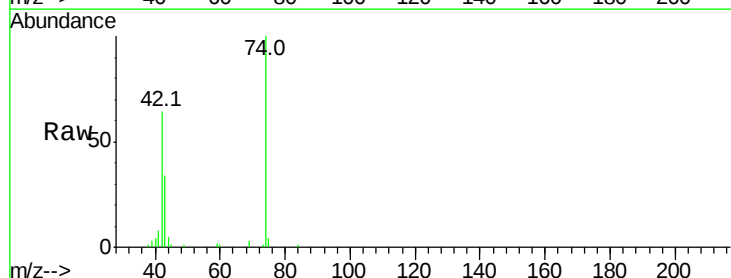
Tgt Ion: 42 Resp: 77139

Ion Ratio Lower Upper

42 100

74 155.7 103.9 155.9

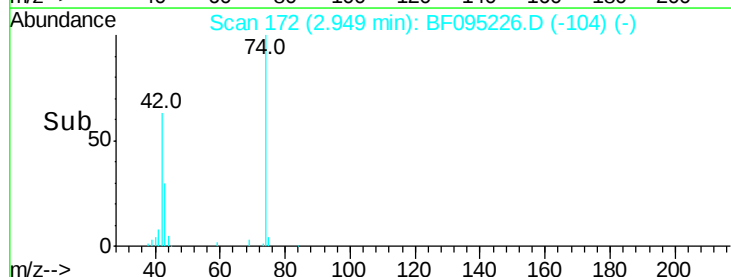
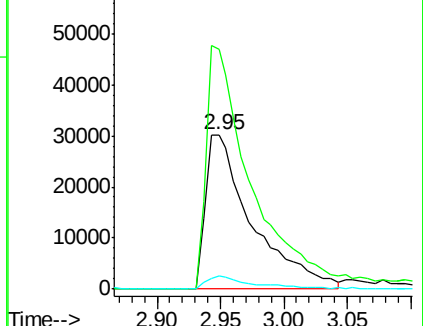
44 8.5 5.7 8.5

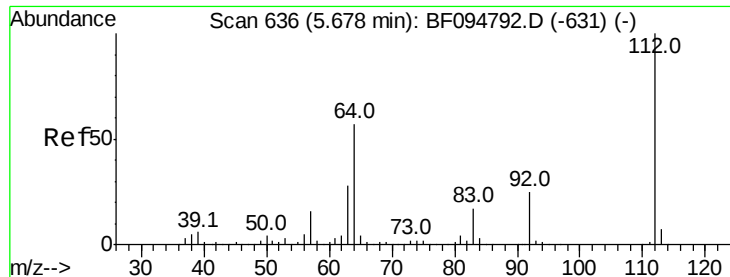


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 118.86 ng

RT: 5.75 min Scan# 649

Delta R.T. 0.02 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :

BNA_F

ClientSampled :

PB99052BS

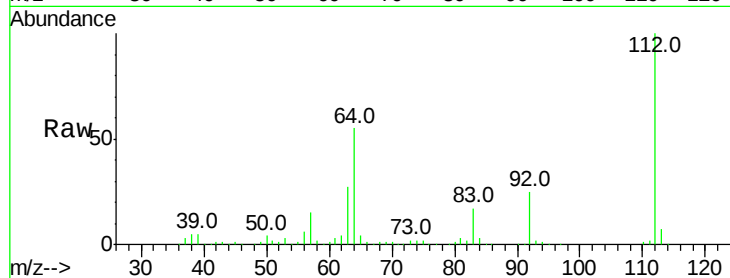
Tot Ion:112 Resp: 710031

Ion Ratio Lower Upper

112 100

64 54.9 46.0 69.0

63 27.5 23.4 35.0



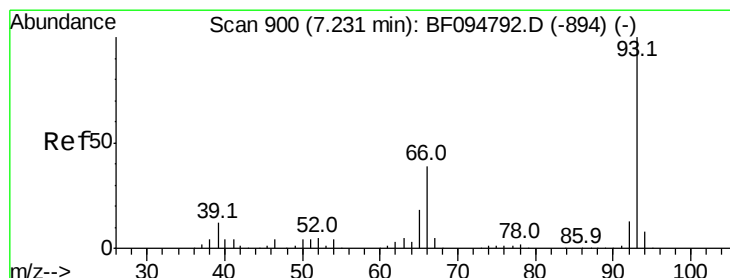
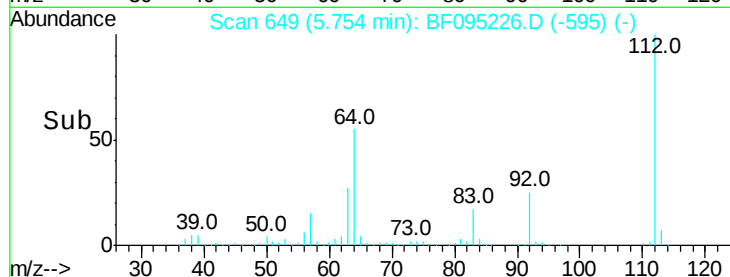
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.75

Time--> 5.60 5.70 5.80 5.90 6.00



#6

Aniline

Concen: 27.50 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

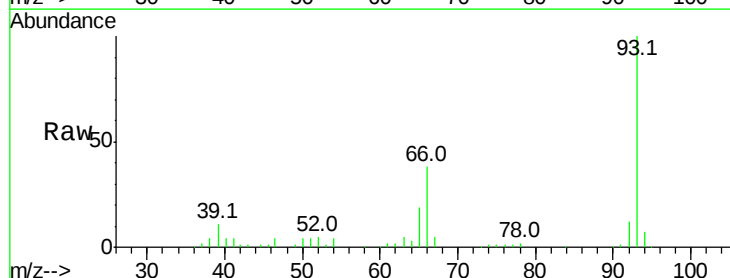
Tgt Ion: 93 Resp: 248823

Ion Ratio Lower Upper

93 100

66 38.0 32.9 49.3

65 18.5 16.0 24.0



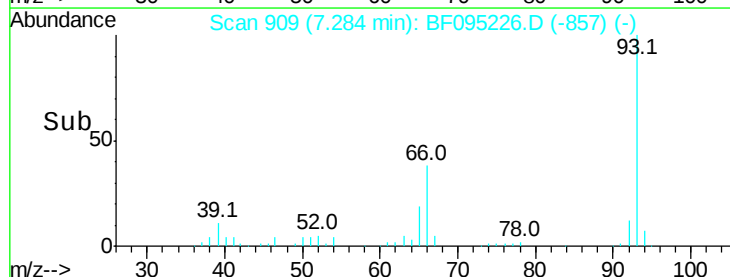
Abundance Ion 93.00 (92.70 to 93.70): BF0

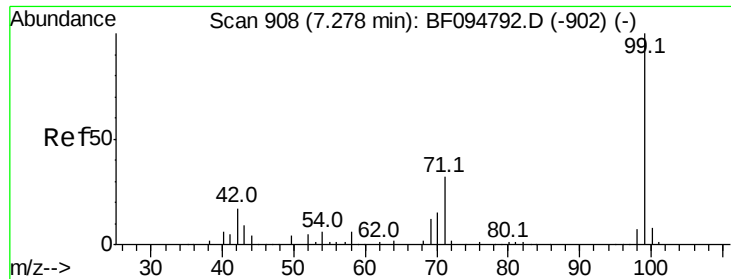
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

7.28

Time--> 7.20 7.25 7.30 7.35 7.40





#7

Phenol-d6

Concen: 126.56 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB99052BS

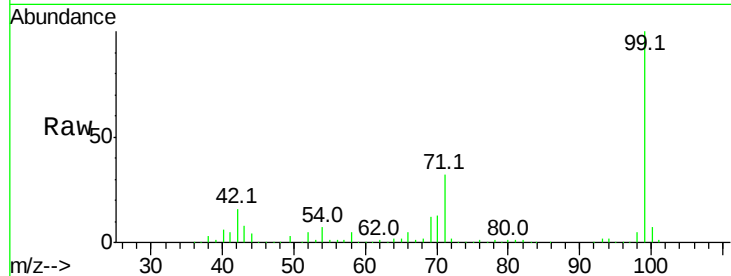
Tot Ion: 99 Resp: 907169

Ion Ratio Lower Upper

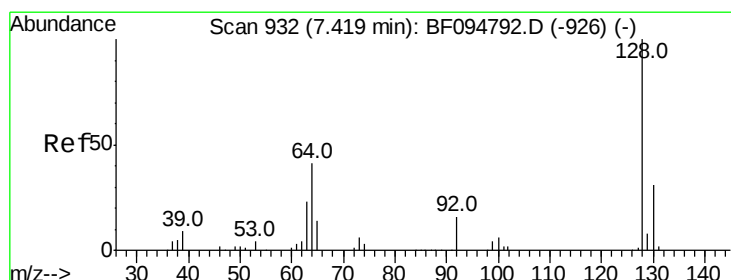
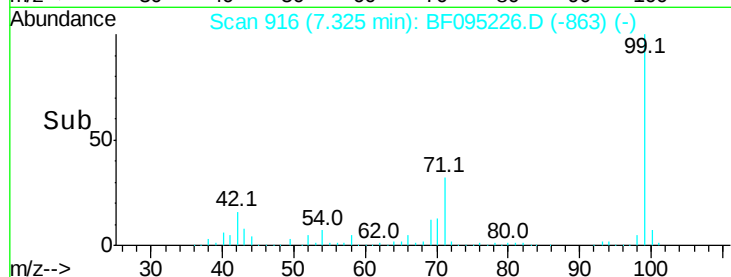
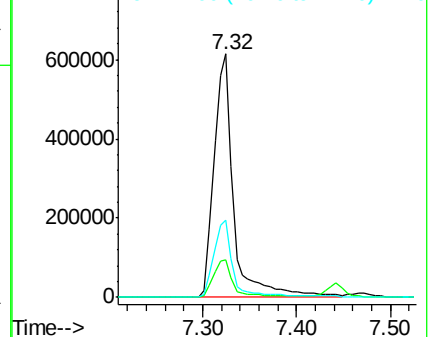
99 100

42 15.7 13.5 20.3

71 31.6 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: 40.24 ng

RT: 7.47 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

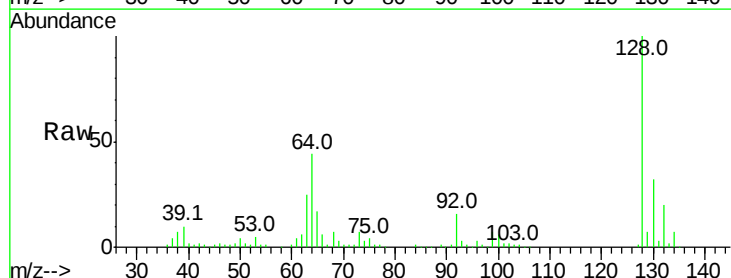
Tgt Ion: 128 Resp: 273639

Ion Ratio Lower Upper

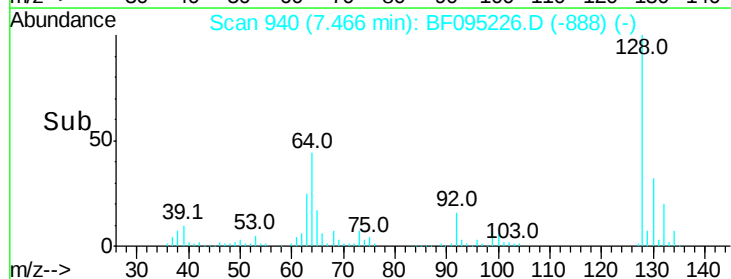
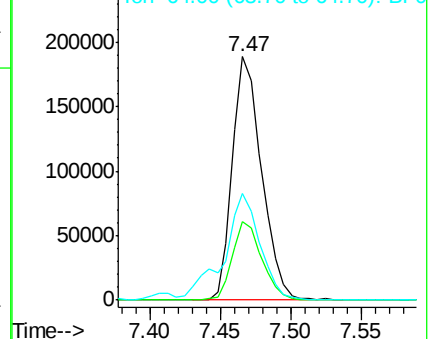
128 100

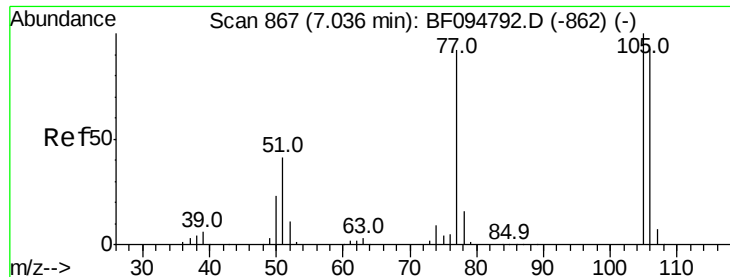
130 32.3 12.9 52.9

64 44.1 28.4 68.4



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





#9

Benzaldehyde

Concen: 19.75 ng

RT: 7.11 min Scan# 879

Delta R.T. 0.02 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :

BNA_F

ClientSampled :

PB99052BS

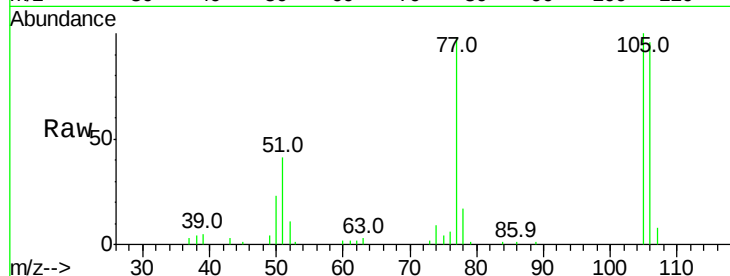
Tot Ion: 77 Resp: 86422

Ion Ratio Lower Upper

77 100

105 102.0 83.8 123.8

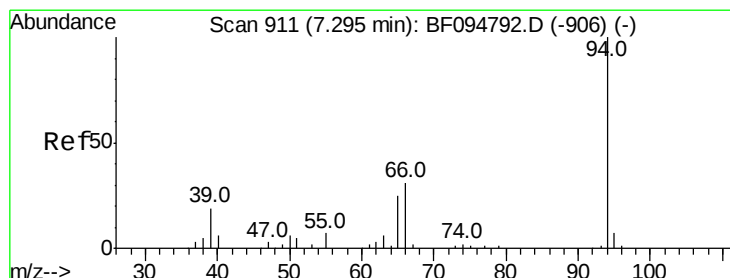
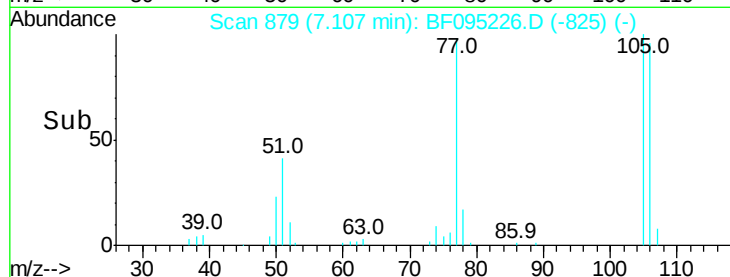
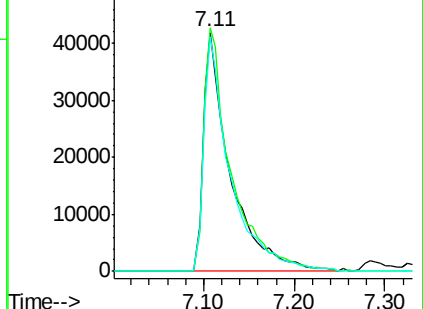
106 98.1 79.1 119.1



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: 37.76 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

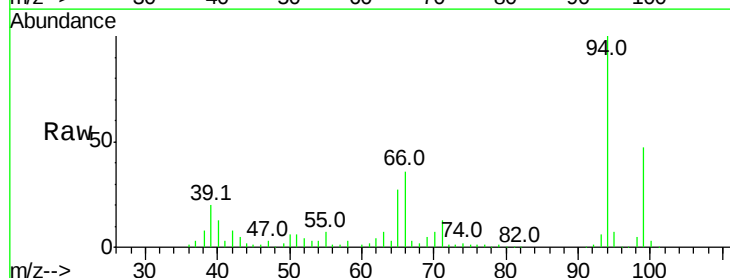
Tgt Ion: 94 Resp: 285177

Ion Ratio Lower Upper

94 100

65 26.6 9.9 49.9

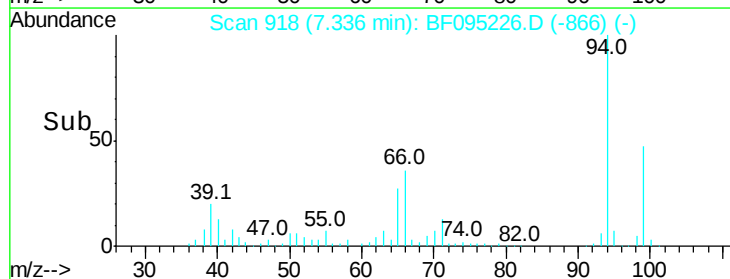
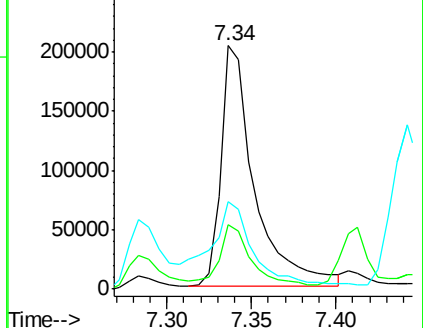
66 36.1 23.1 63.1

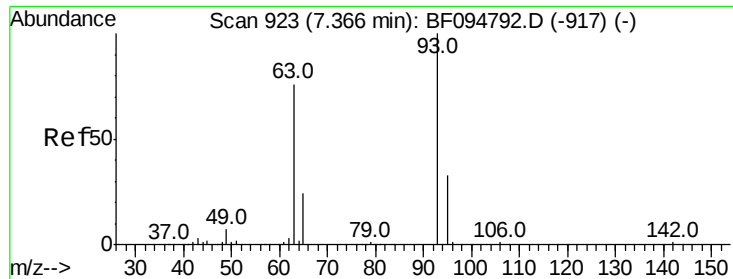


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.86 ng

RT: 7.41 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB99052BS

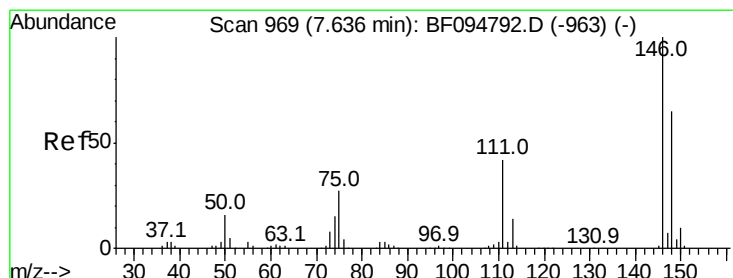
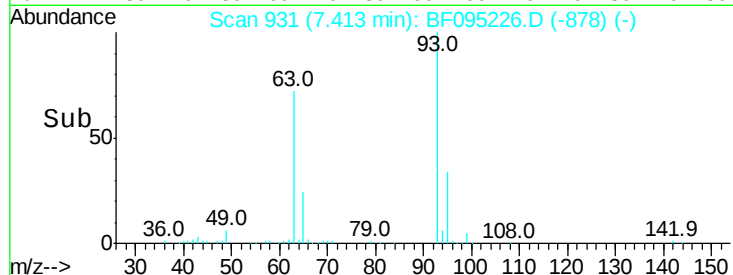
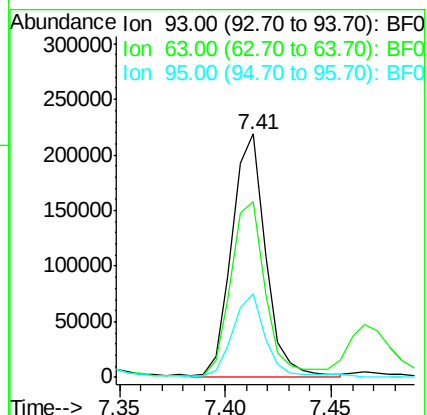
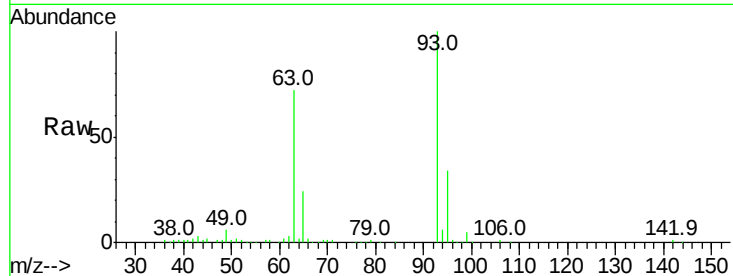
Tot Ion: 93 Resp: 242316

Ion Ratio Lower Upper

93 100

63 72.0 59.2 99.2

95 34.1 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 36.80 ng

RT: 7.68 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

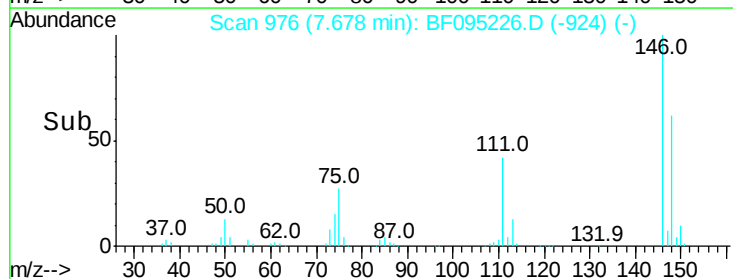
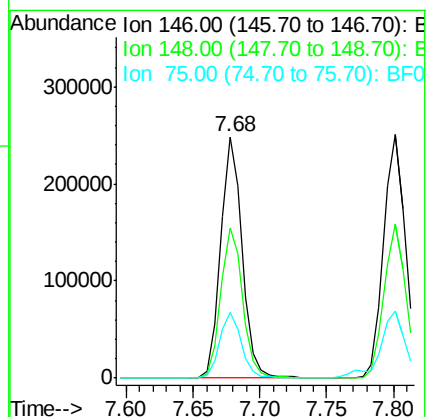
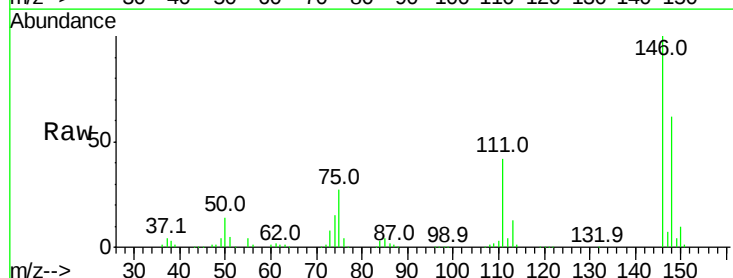
Tgt Ion: 146 Resp: 283872

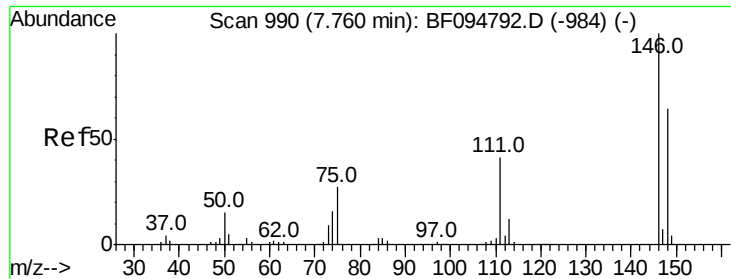
Ion Ratio Lower Upper

146 100

148 62.0 51.8 77.6

75 27.3 23.1 34.7

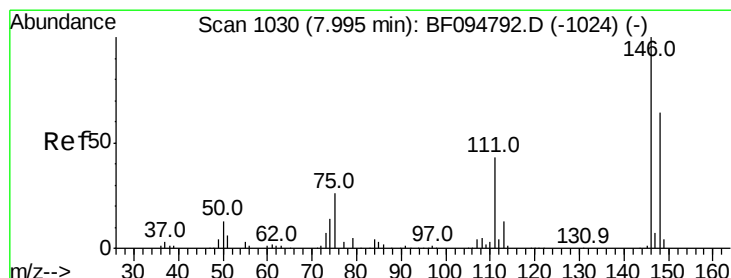
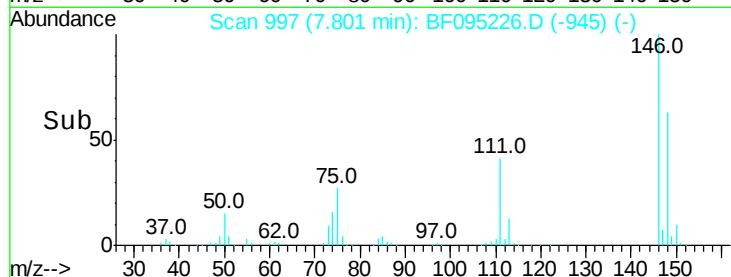
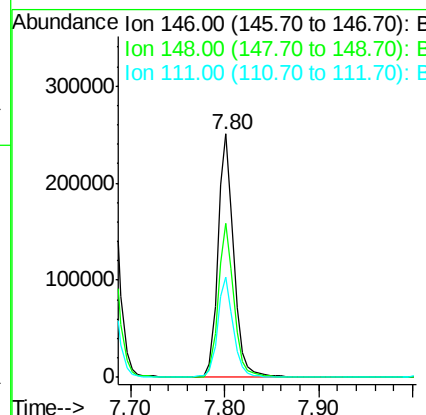
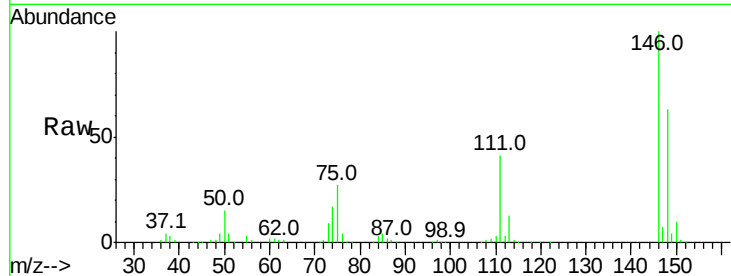




#13
 1,4-Dichlorobenzene
 Concen: 38.05 ng
 RT: 7.80 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

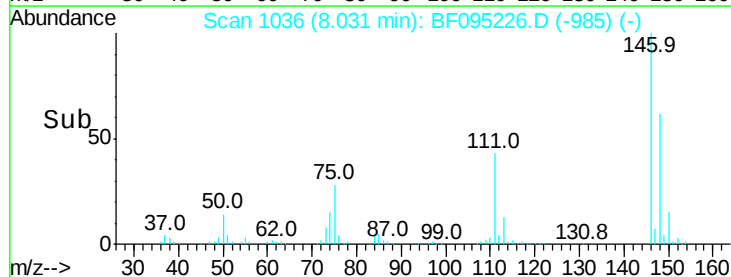
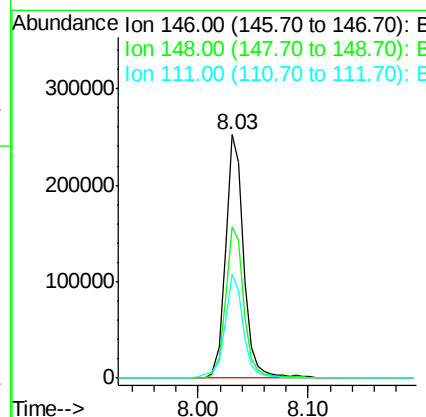
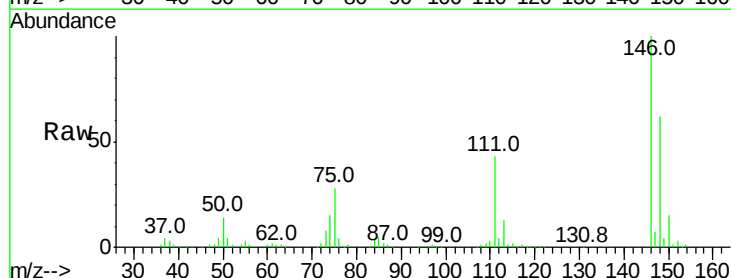
Instrument :
 BNA_F
 ClientSampleId :
 PB99052BS

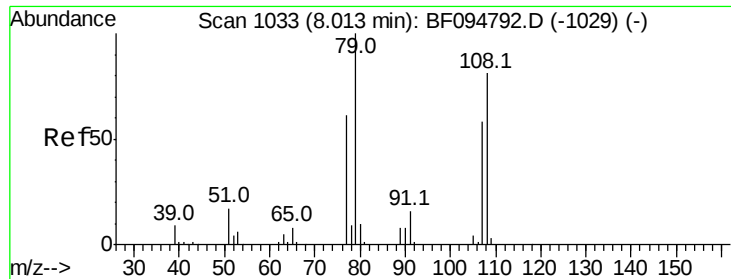
Tot Ion:146 Resp: 297606
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.2 78.2
 111 41.2 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 39.61 ng
 RT: 8.03 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Tgt Ion:146 Resp: 289227
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.4 75.6
 111 43.0 38.2 57.4





#15

Benzyl Alcohol

Concen: 47.29 ng

RT: 8.06 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB99052BS

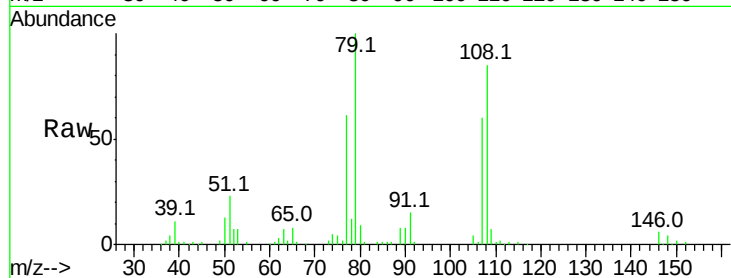
Tot Ion: 79 Resp: 218010

Ion Ratio Lower Upper

79 100

108 84.7 63.4 95.0

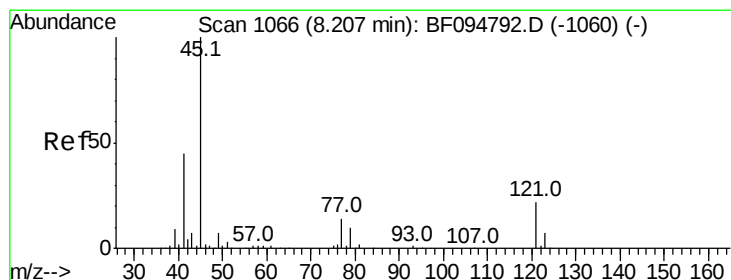
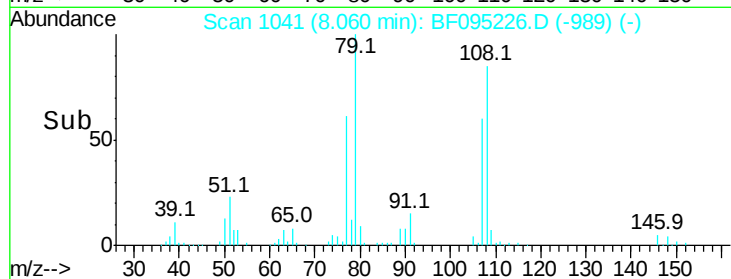
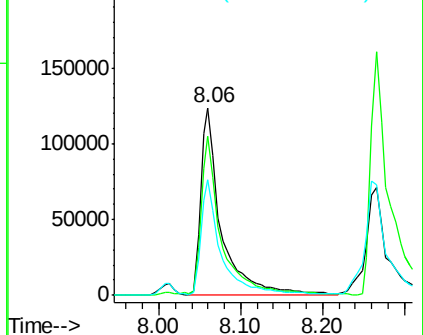
77 61.2 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.72 ng

RT: 8.26 min Scan# 1075

Delta R.T. 0.01 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

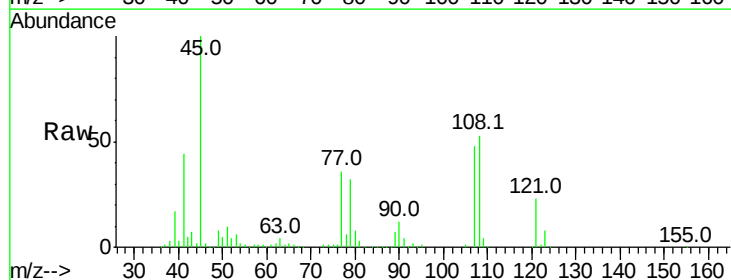
Tgt Ion: 45 Resp: 324081

Ion Ratio Lower Upper

45 100

77 36.0 0.0 33.2#

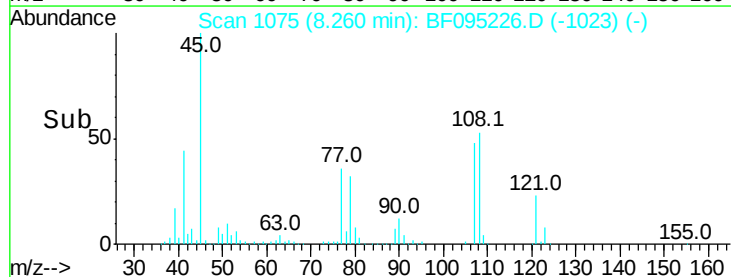
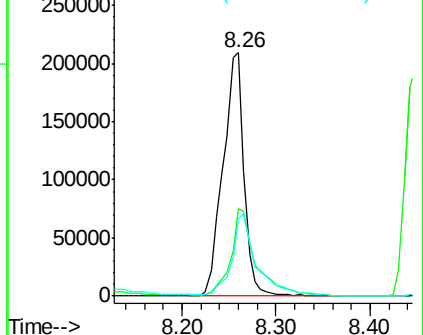
79 31.6 0.0 30.0#

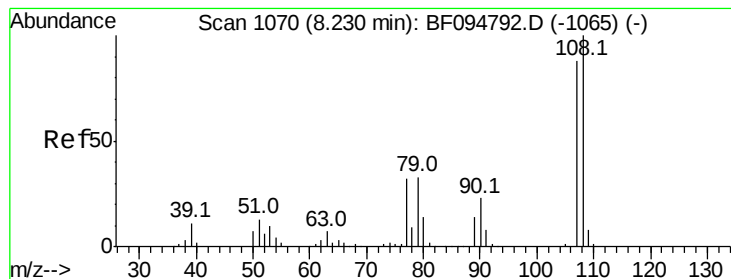


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

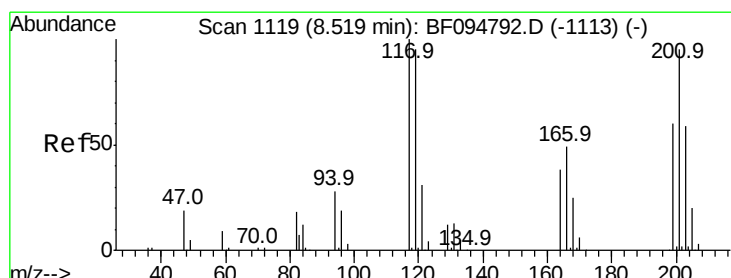
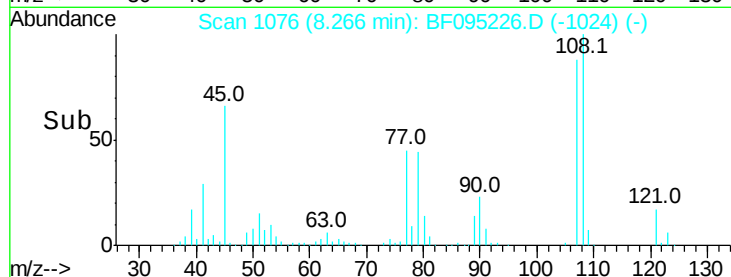
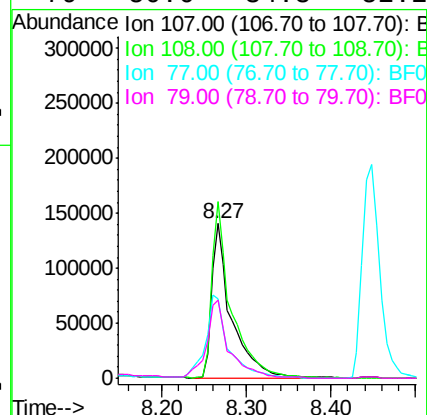
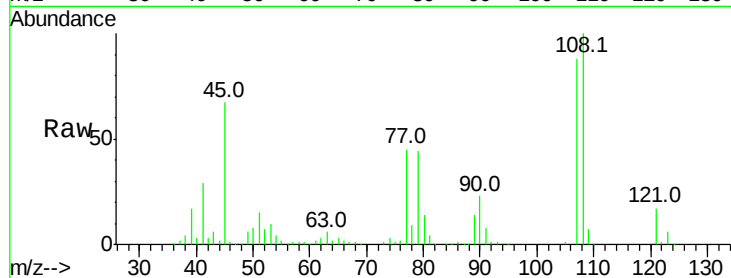




#17
 2-Methylphenol
 Concen: 40.66 ng
 RT: 8.27 min Scan# 1076
 Delta R.T. 0.01 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

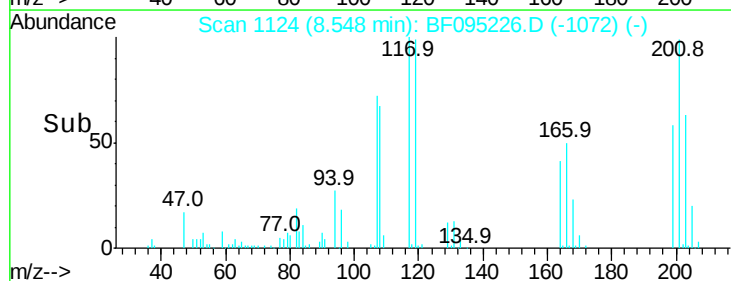
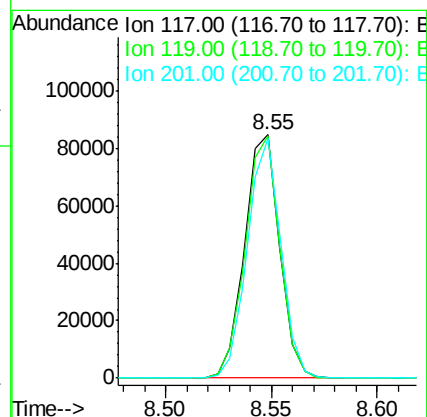
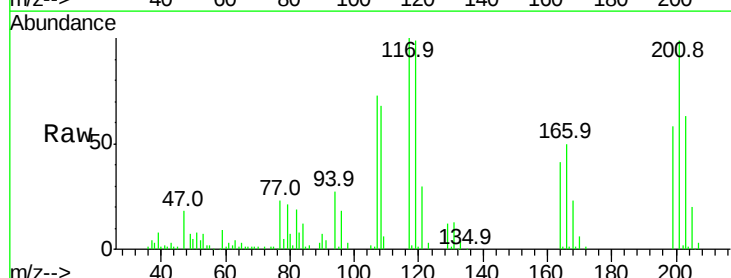
Instrument :
 BNA_F
 ClientSampleId :
 PB99052BS

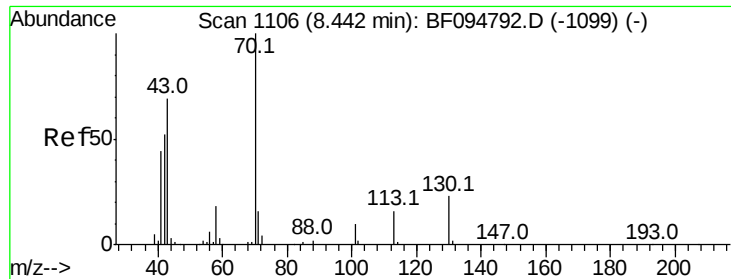
Tot Ion:	107	Resp:	226255
Ion	Ratio	Lower	Upper
107	100		
108	114.2	93.4	140.0
77	51.7	35.8	53.6
79	50.6	34.8	52.2



#18
 Hexachloroethane
 Concen: 36.71 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Tgt Ion:	117	Resp:	97271
Ion	Ratio	Lower	Upper
117	100		
119	99.3	77.4	116.0
201	98.5	94.6	141.8

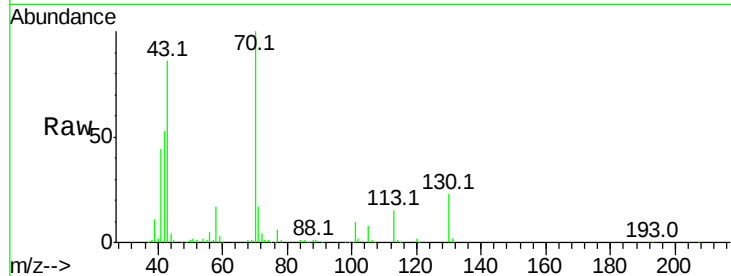




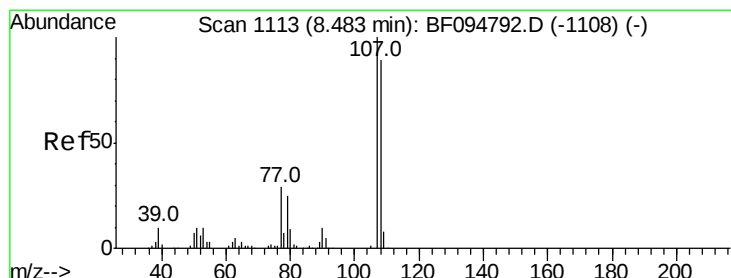
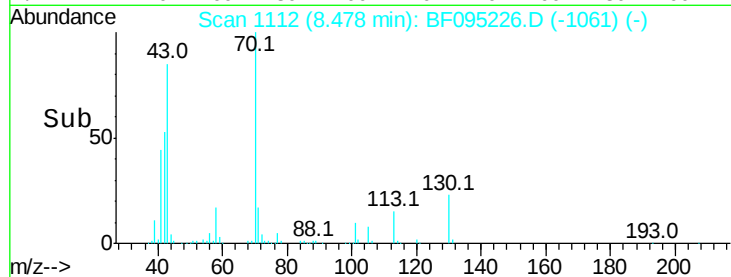
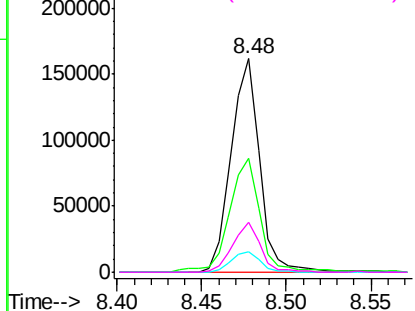
#19
n-Nitroso-di-n-propylamine
Concen: 39.12 ng
RT: 8.48 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

Instrument :
BNA_F
ClientSampleId :
PB99052BS

Tot Ion: 70 Resp: 189658
Ion Ratio Lower Upper
70 100
42 53.2 47.2 70.8
101 9.5 7.2 10.8
130 23.3 15.9 23.9

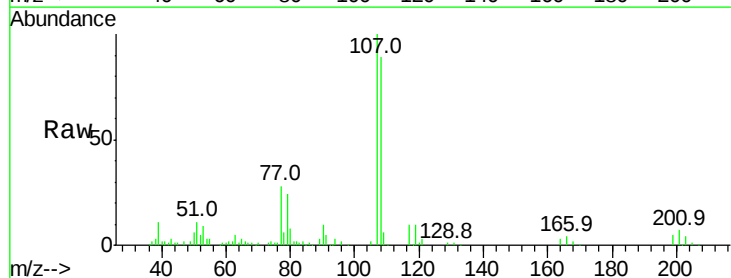


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

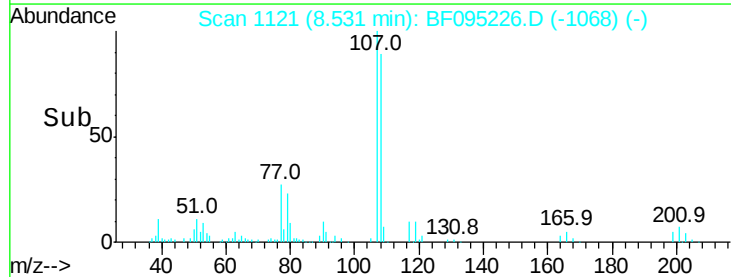
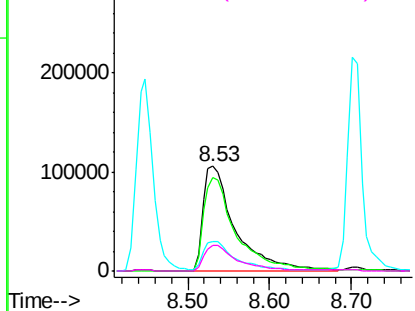


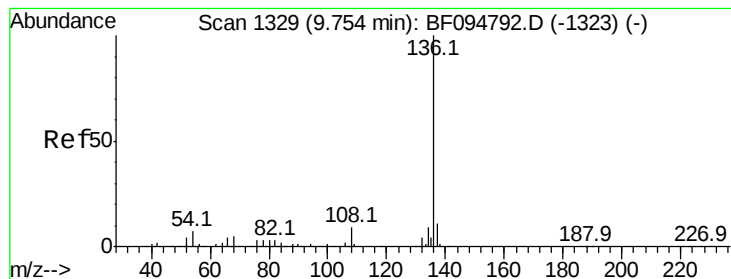
#20
3+4-Methylphenols
Concen: 38.62 ng
RT: 8.53 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

Tgt Ion:107 Resp: 291985
Ion Ratio Lower Upper
107 100
108 89.5 71.0 111.0
77 28.0 90.5 130.5#
79 23.9 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB99052BS

Tot Ion:136 Resp: 429476

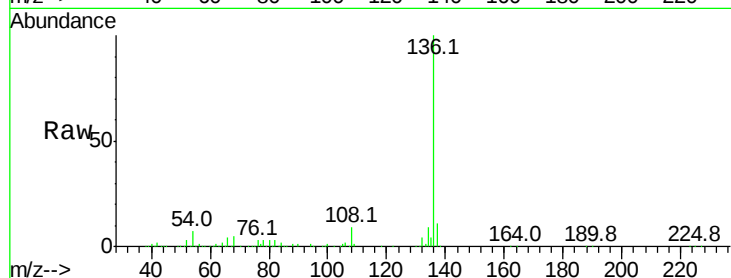
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.4 4.9 7.3#

68 5.2 4.1 6.1

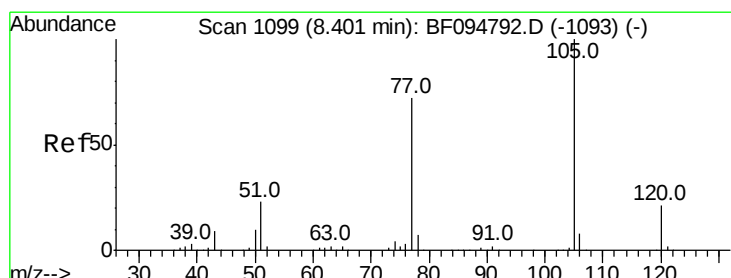
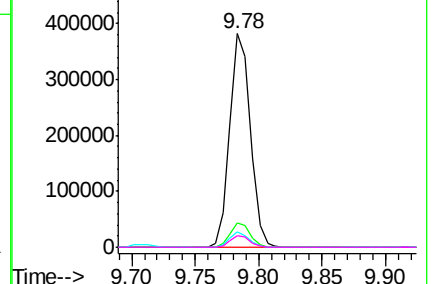
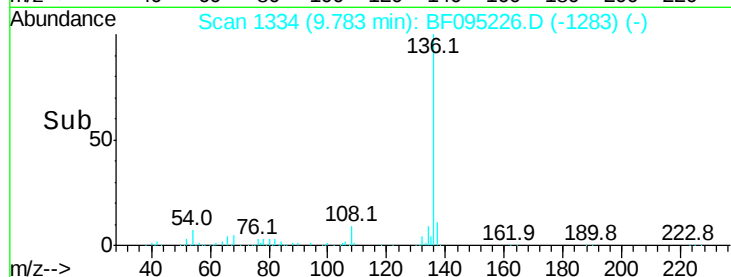


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.14 ng

RT: 8.45 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Tgt Ion:105 Resp: 382736

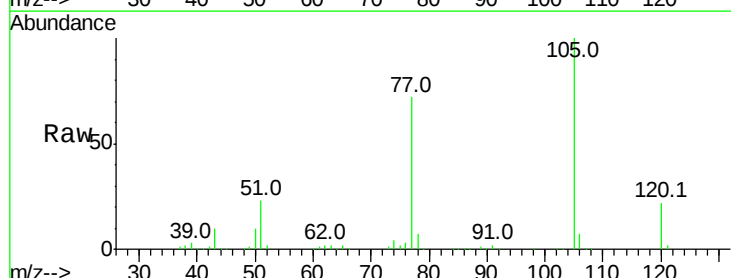
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.0 30.7 46.1#

120 21.6 17.4 26.0

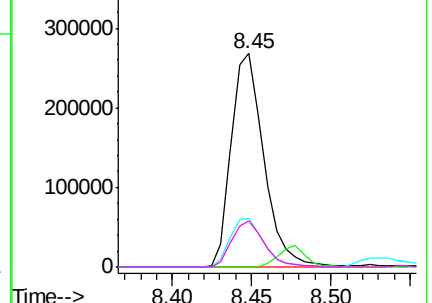
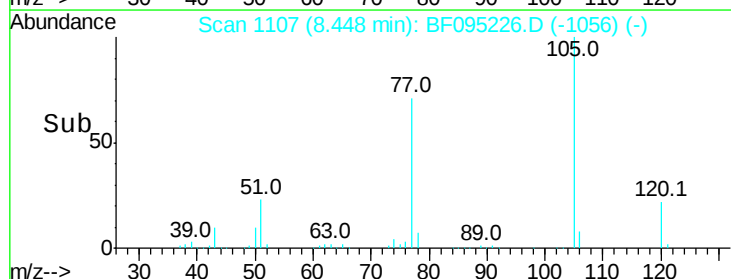


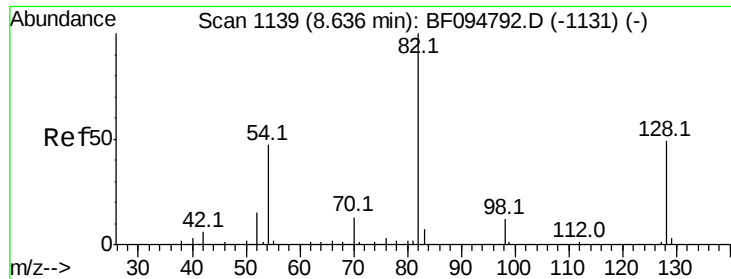
Abundance Ion 105.00 (104.70 to 105.70): E

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

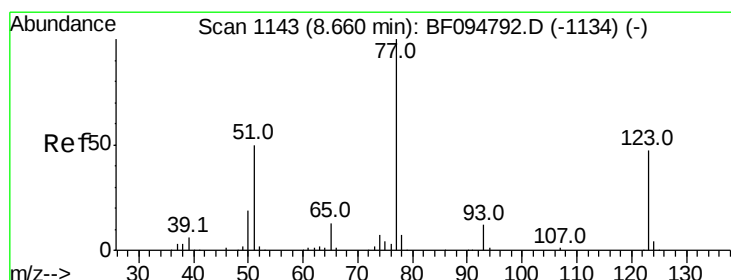
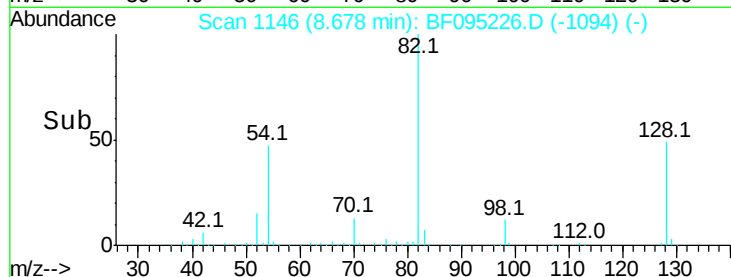
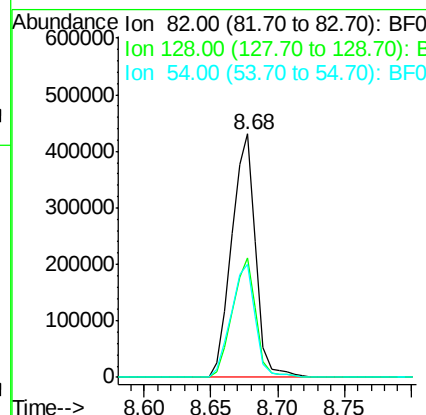
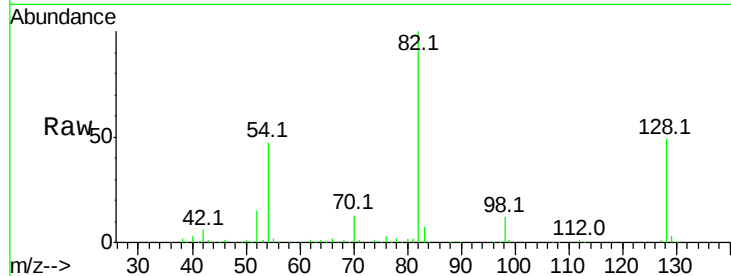




#23
 Nitrobenzene-d5
 Concen: 80.01 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

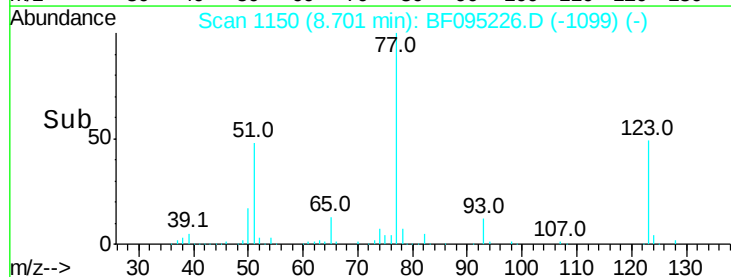
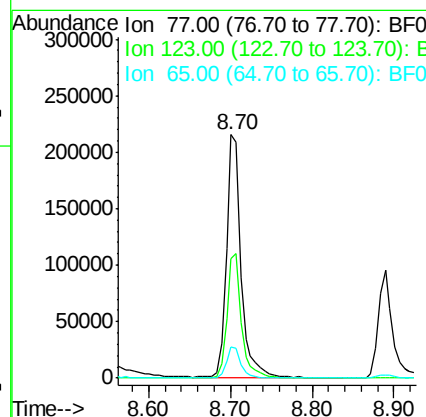
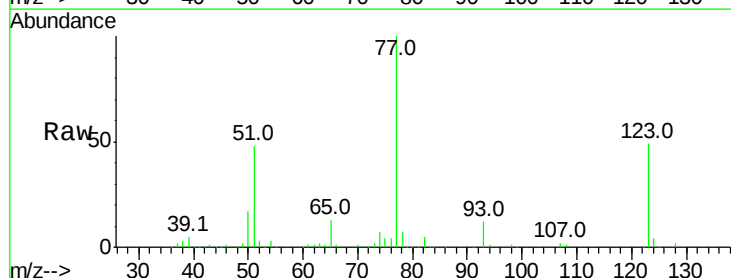
Instrument :
 BNA_F
 ClientSampleId :
 PB99052BS

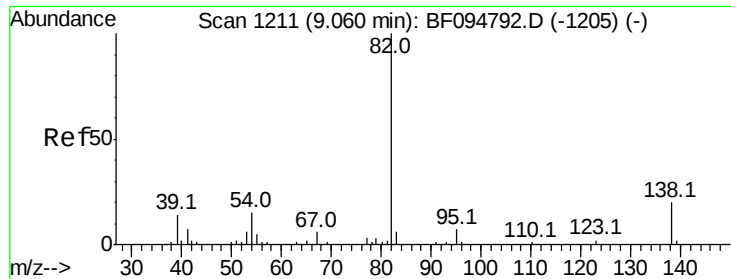
Tot Ion	82	Resp	544909
Ion Ratio	100	Lower	Upper
128	48.9	34.0	51.0
54	46.6	42.2	63.2



#24
 Nitrobenzene
 Concen: 37.39 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Tgt Ion	77	Resp	266888
Ion Ratio	100	Lower	Upper
123	49.0	35.8	53.8
65	12.8	10.6	15.8

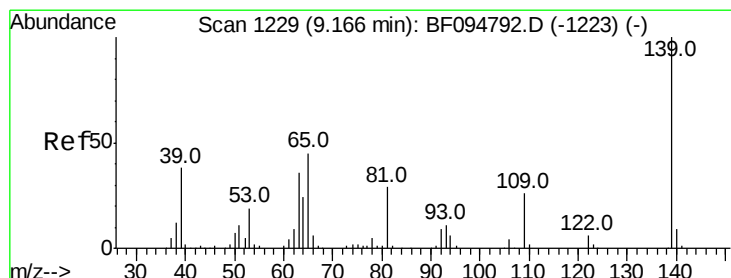
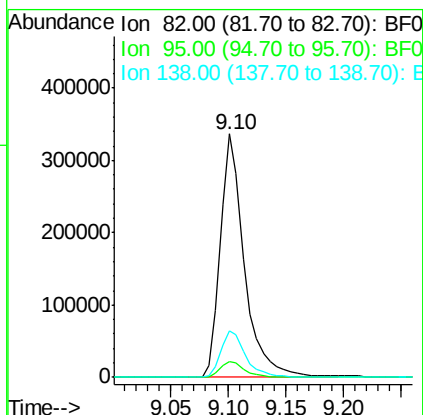
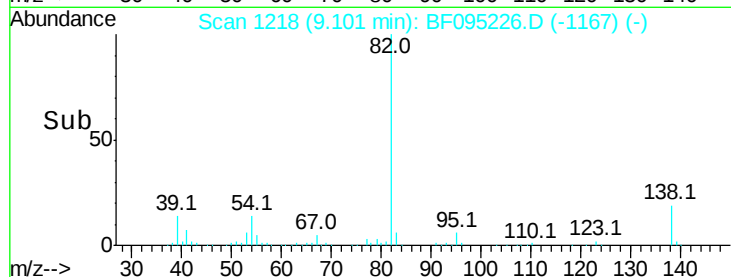
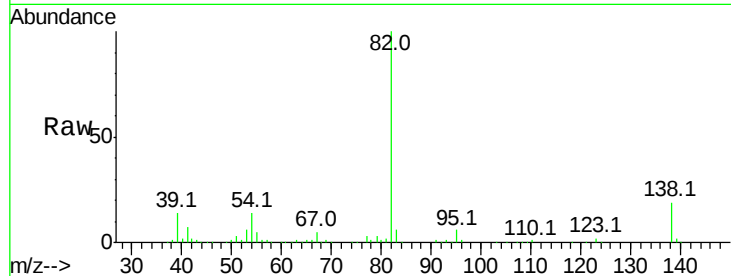




#25
Isophorone
Concen: 40.13 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

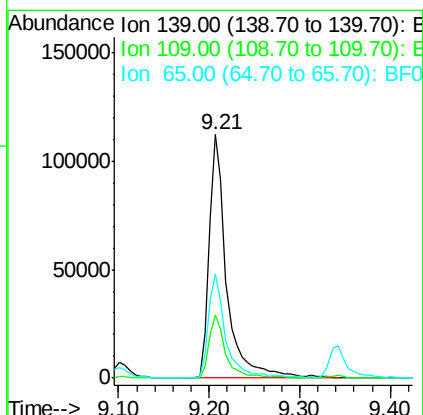
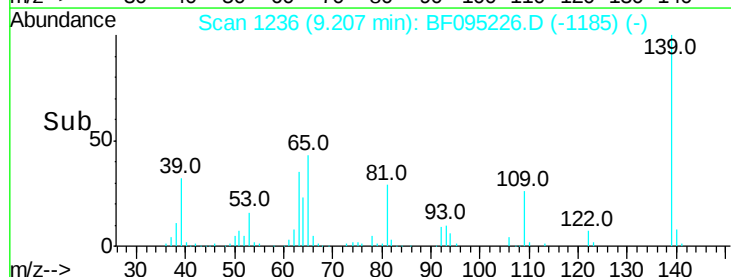
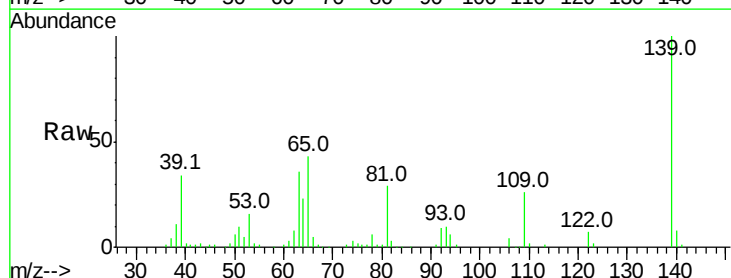
Instrument :
BNA_F
ClientSampleId :
PB99052BS

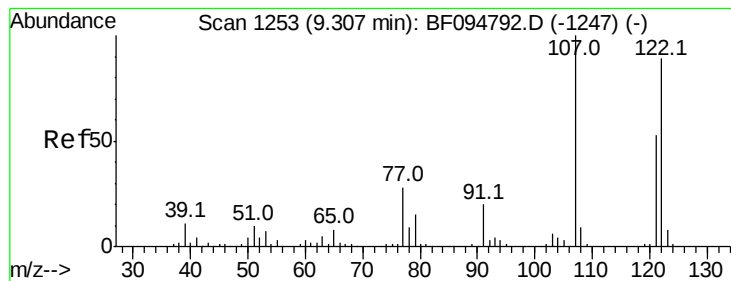
Tot Ion: 82 Resp: 488097
Ion Ratio Lower Upper
82 100
95 6.4 5.3 7.9
138 19.0 13.1 19.7



#26
2-Nitrophenol
Concen: 39.62 ng
RT: 9.21 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

Tgt Ion:139 Resp: 152616
Ion Ratio Lower Upper
139 100
109 25.7 21.0 31.6
65 43.0 33.0 49.6

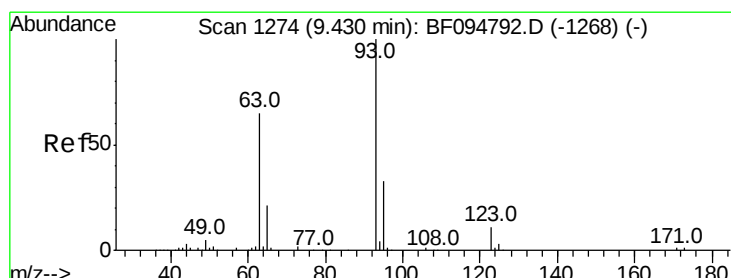
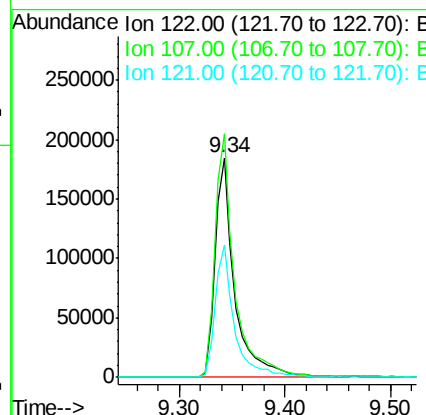
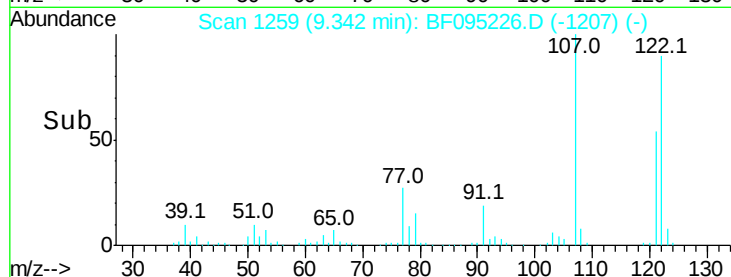
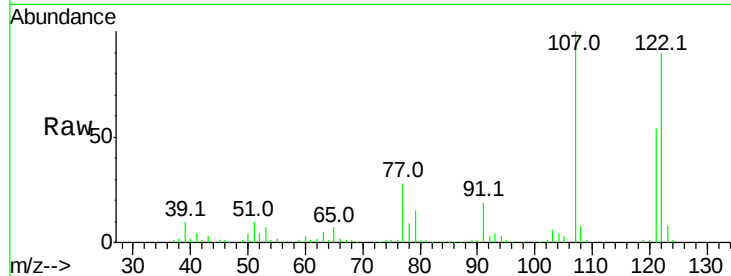




#27
 2,4-Dimethylphenol
 Concen: 39.00 ng
 RT: 9.34 min Scan# 1259
 Delta R.T. 0.01 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

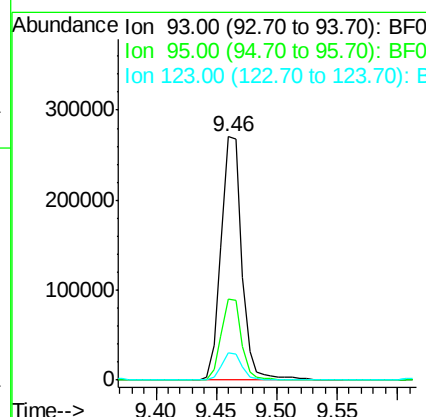
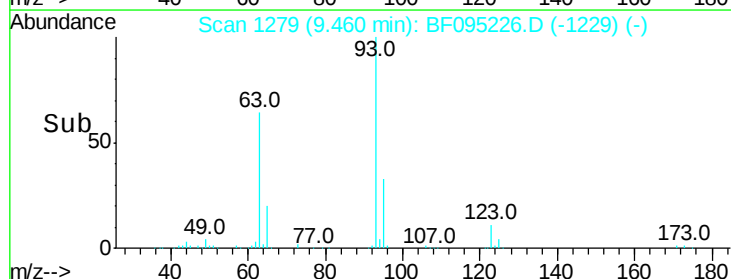
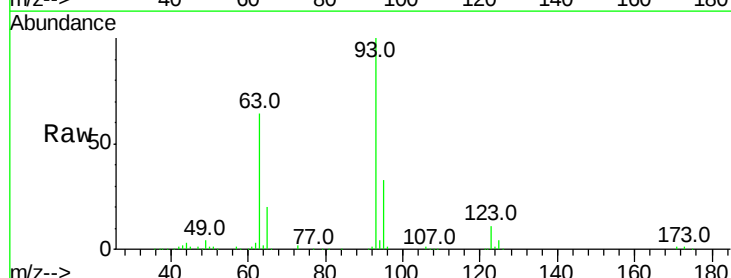
Instrument :
 BNA_F
 ClientSampleId :
 PB99052BS

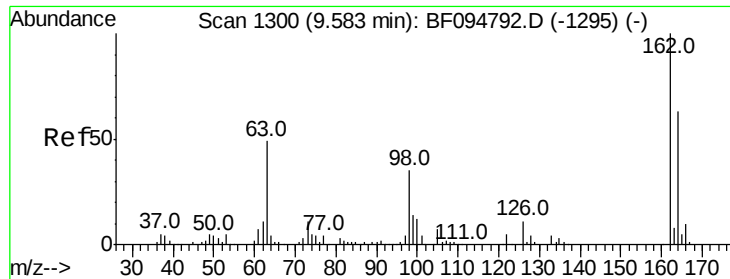
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	89.2	133.8
121	60.4	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.15 ng
 RT: 9.46 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.5	39.7
123	11.1	9.0	13.4

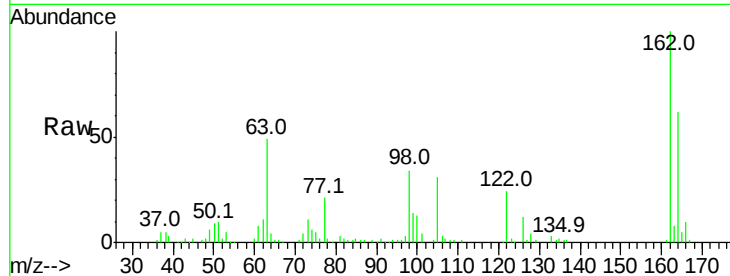




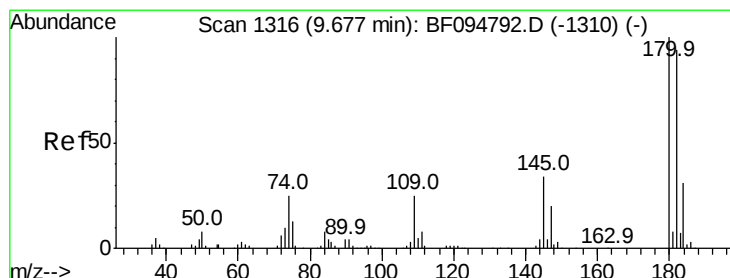
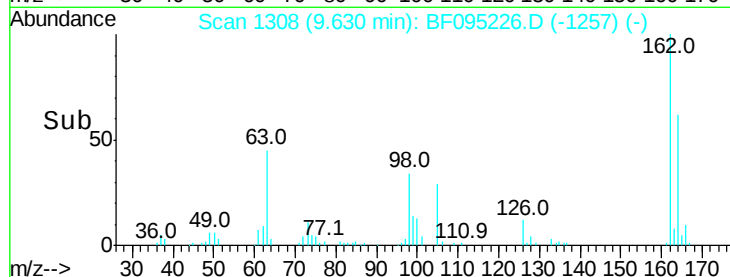
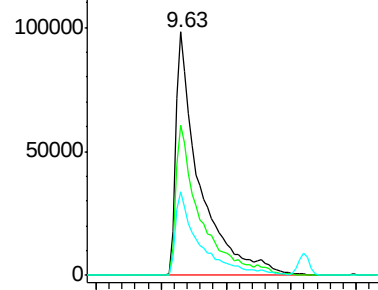
#29
 2,4-Dichlorophenol
 Concen: 41.67 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Instrument :
 BNA_F
 ClientSampled :
 PB99052BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	44.6	84.6
98	34.4	14.8	54.8

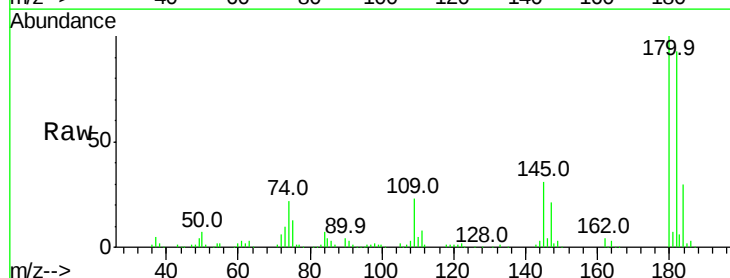


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

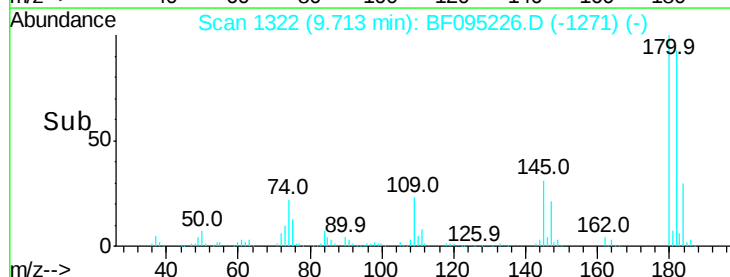
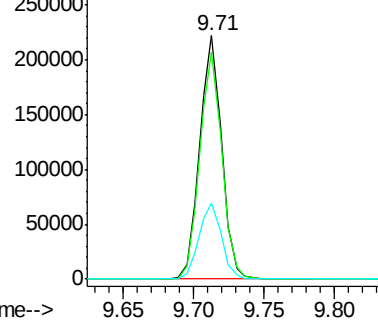


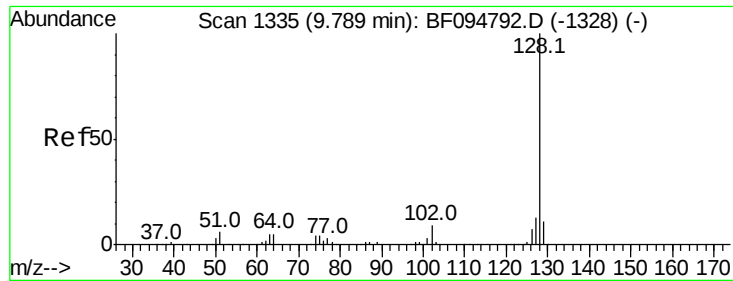
#30
 1,2,4-Trichlorobenzene
 Concen: 38.03 ng
 RT: 9.71 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.8	113.6
145	31.4	25.3	37.9



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

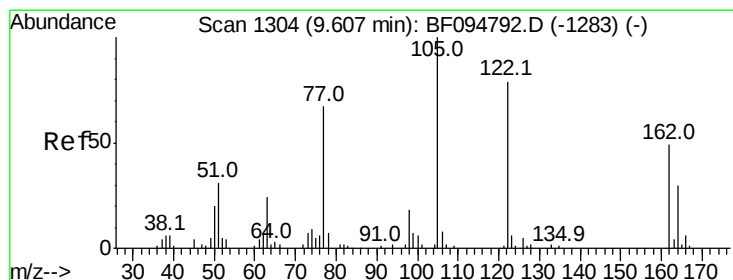
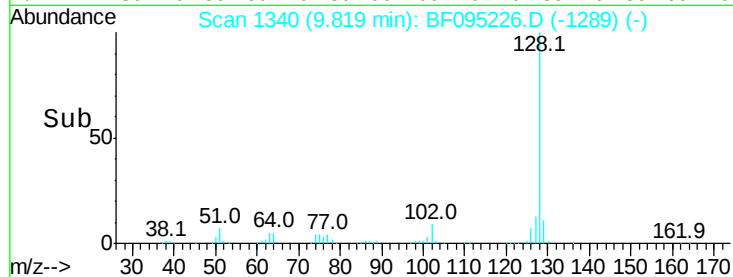
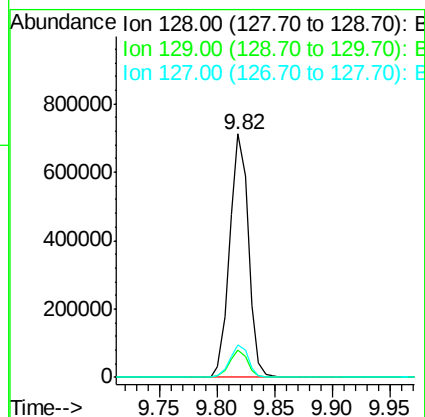
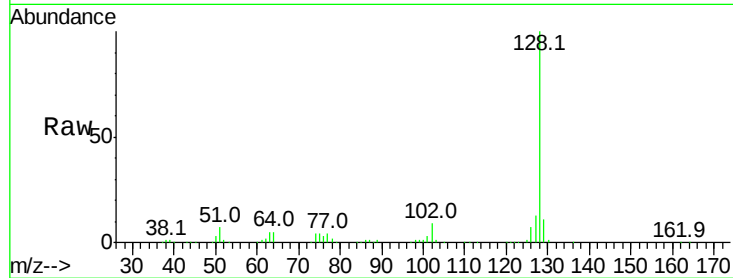




#31
Naphthalene
Concen: 36.99 ng
RT: 9.82 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

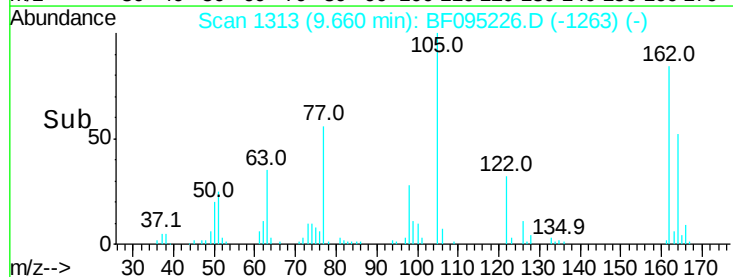
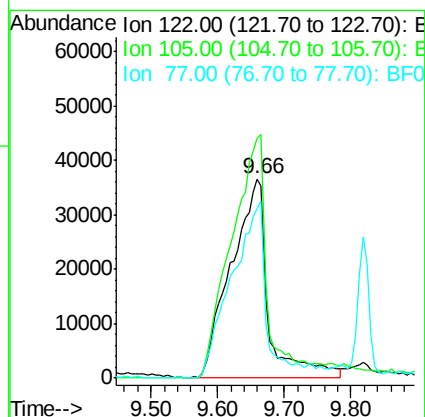
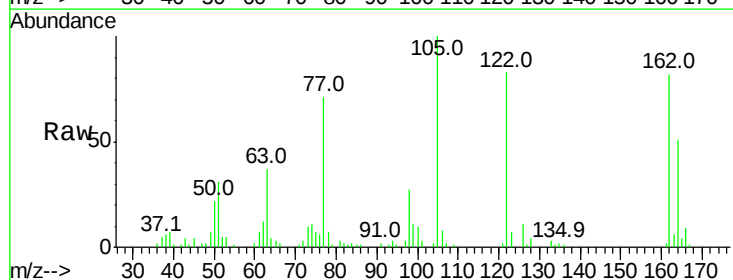
Instrument :
BNA_F
ClientSampleId :
PB99052BS

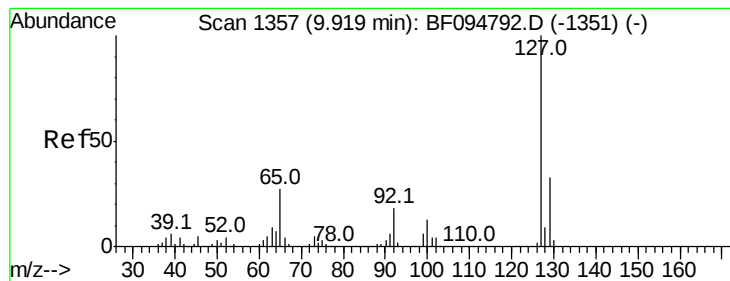
Tot Ion:128 Resp: 798534
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 36.13 ng
RT: 9.66 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

Tgt Ion:122 Resp: 142009
Ion Ratio Lower Upper
122 100
105 120.6 103.3 143.3
77 85.3 73.7 113.7





#33

4-Chloroaniline

Concen: 8.63 ng

RT: 10.00 min Scan# 1370

Delta R.T. 0.04 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB99052BS

Tot Ion:127 Resp: 69449

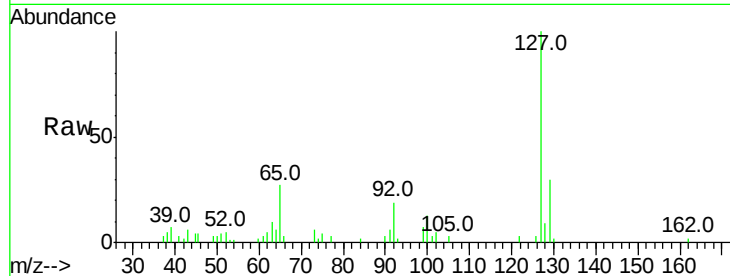
Ion Ratio Lower Upper

127 100

129 30.2 26.2 39.2

65 27.1 27.8 41.8#

92 18.9 16.8 25.2

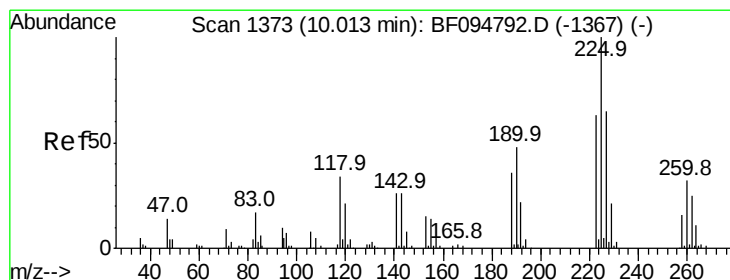
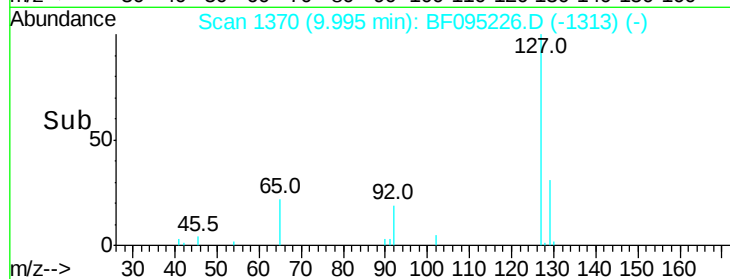
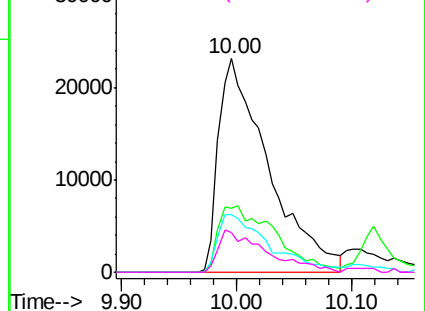


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.21 ng

RT: 10.04 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

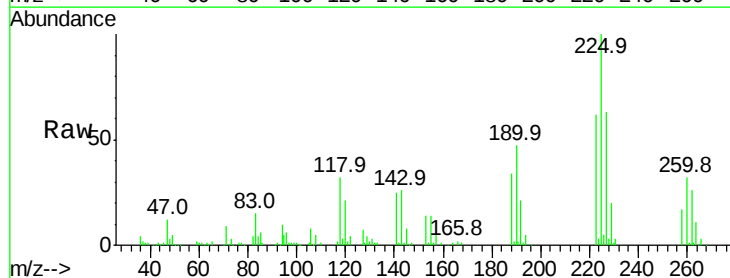
Tgt Ion:225 Resp: 120362

Ion Ratio Lower Upper

225 100

223 62.1 48.8 73.2

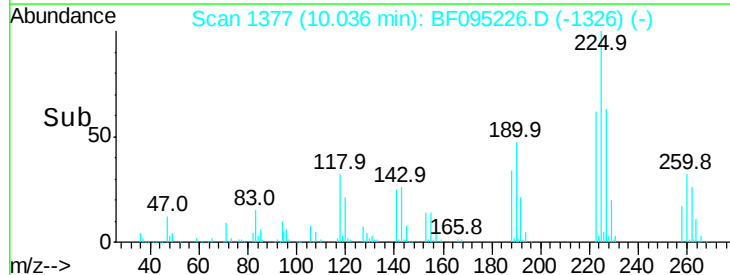
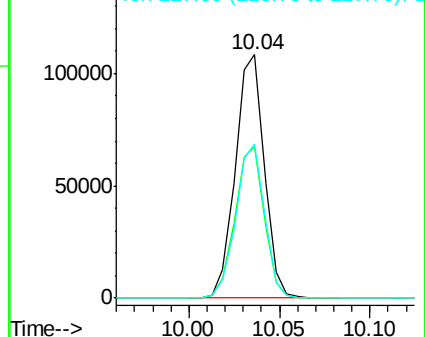
227 63.3 51.1 76.7

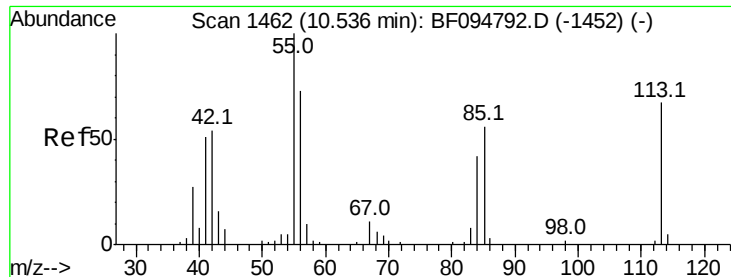


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 20.89 ng

RT: 10.60 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB99052BS

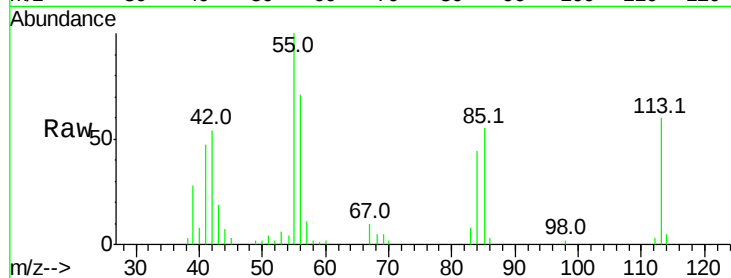
Tot Ion:113 Resp: 36880

Ion Ratio Lower Upper

113 100

55 165.4 150.2 190.2

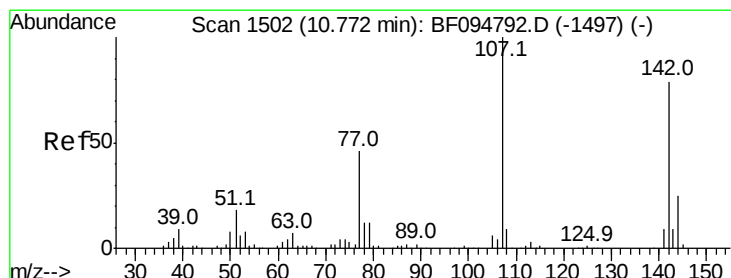
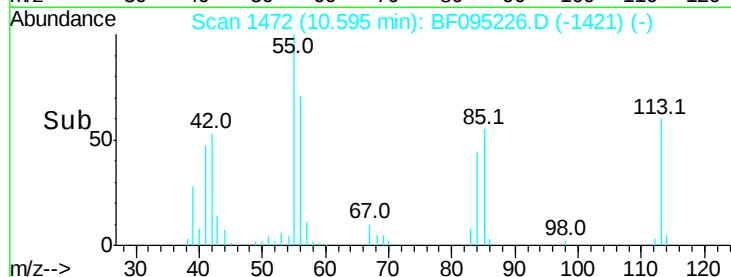
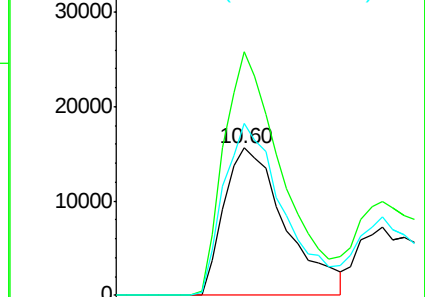
56 116.8 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.95 ng

RT: 10.82 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

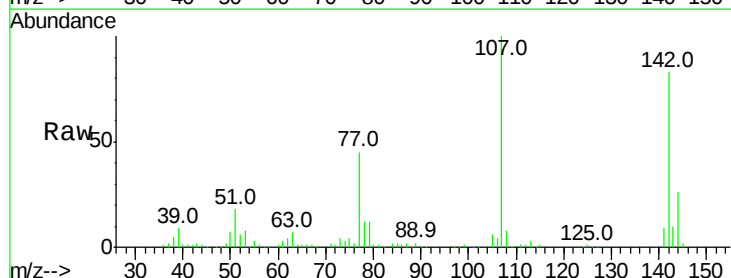
Tgt Ion:107 Resp: 251171

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

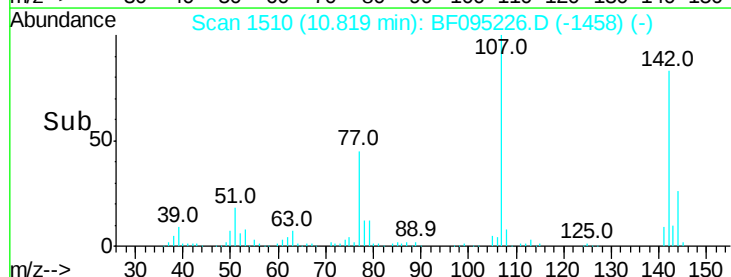
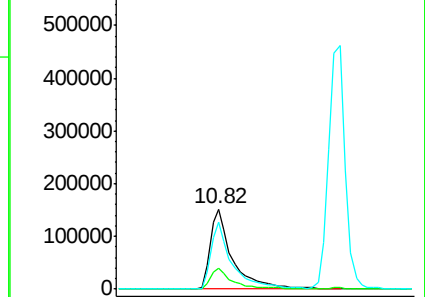
142 83.1 73.4 110.0

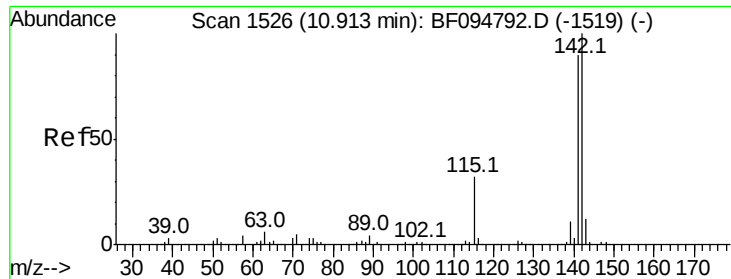


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.09 ng

RT: 10.95 min Scan# 1532

Delta R.T. 0.01 min

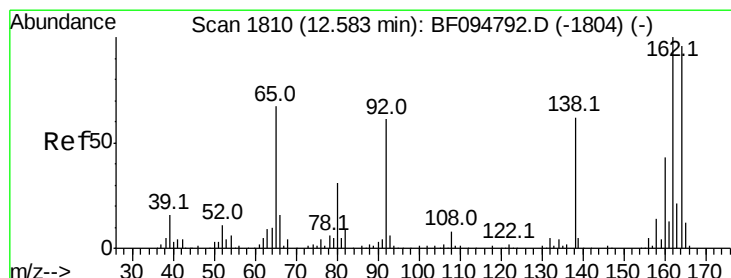
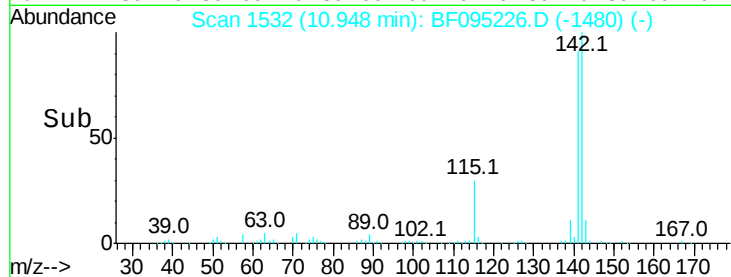
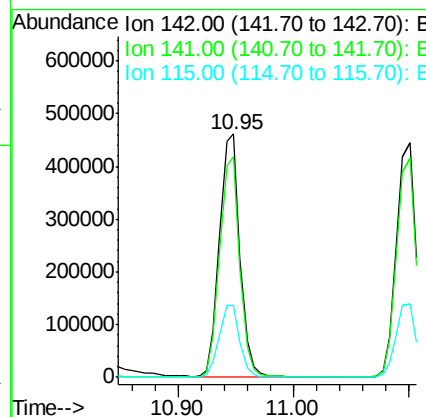
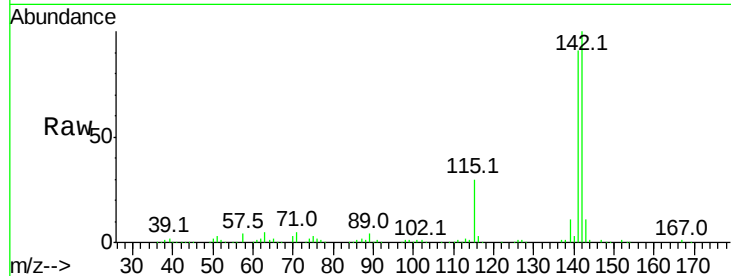
Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :
BNA_F
ClientSampleId :
PB99052BS

Tot Ion:142 Resp: 567910

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.3	106.9
115	29.9	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

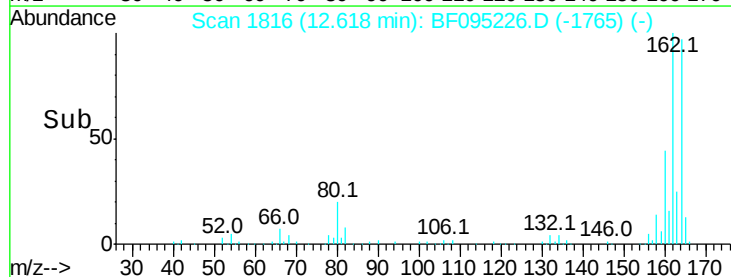
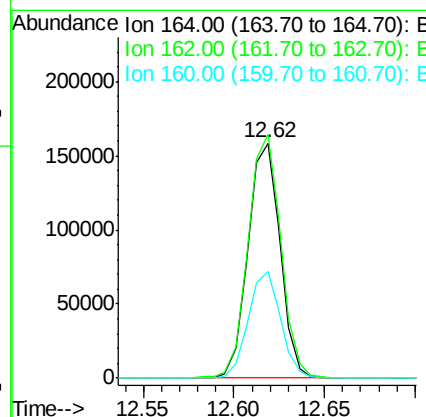
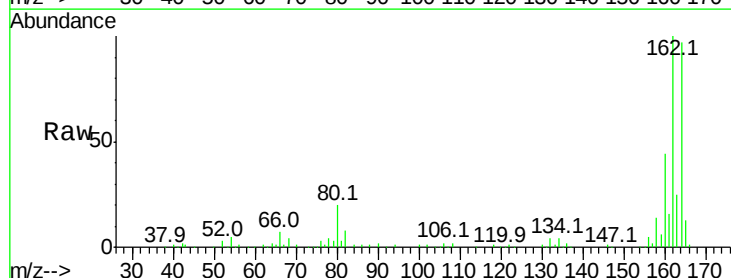
Delta R.T. 0.00 min

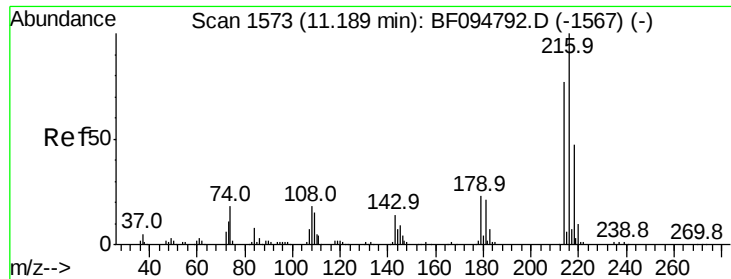
Lab File: BF095226.D

Acq: 18 May 2017 17:10

Tgt Ion:164 Resp: 193788

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	45.2	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.54 ng

RT: 11.22 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB99052BS

Tot Ion:216 Resp: 223746

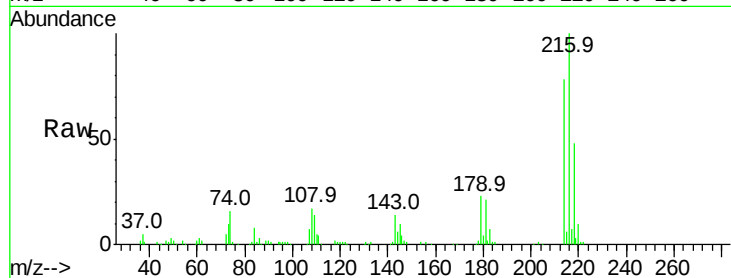
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 22.0 17.9 26.9

108 19.8 16.5 24.7

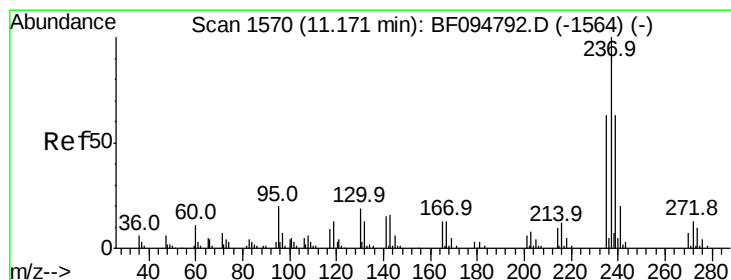
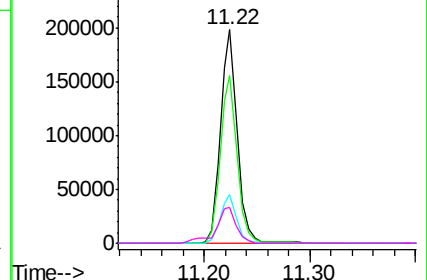
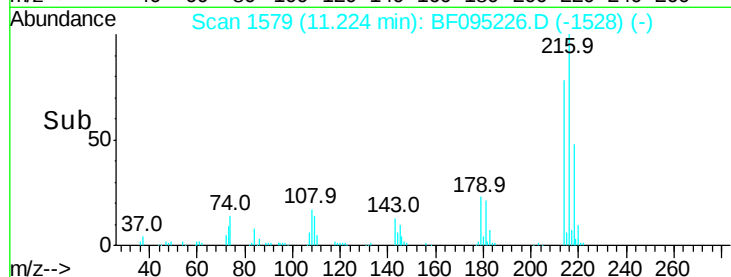


Abundance Ion 216.00 (215.70 to 216.70): E

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: 60.41 ng

RT: 11.20 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

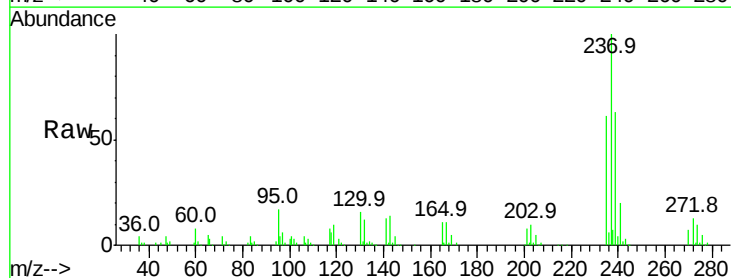
Tgt Ion:237 Resp: 147327

Ion Ratio Lower Upper

237 100

235 60.8 42.6 82.6

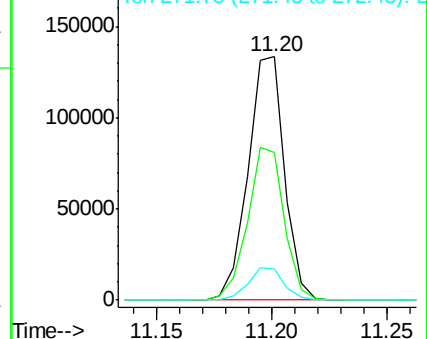
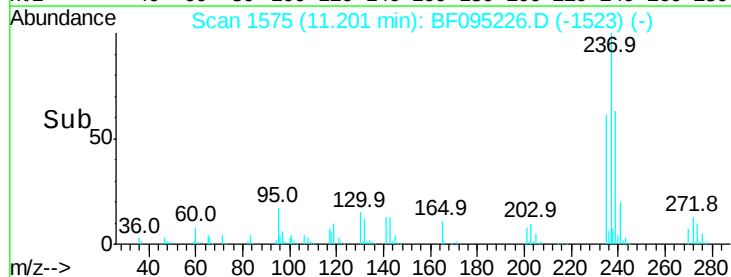
272 12.7 0.0 31.9

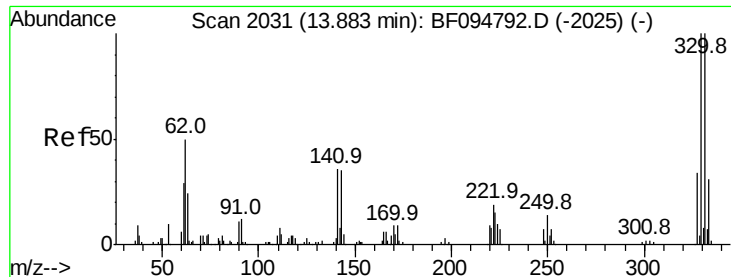


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

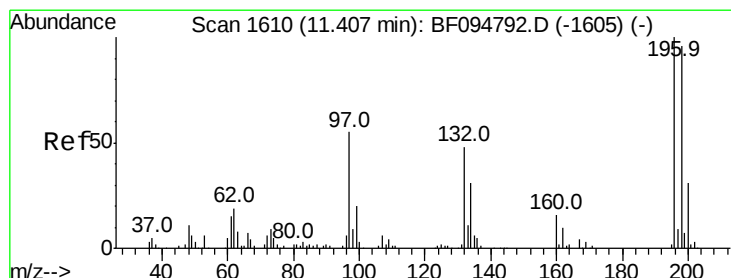
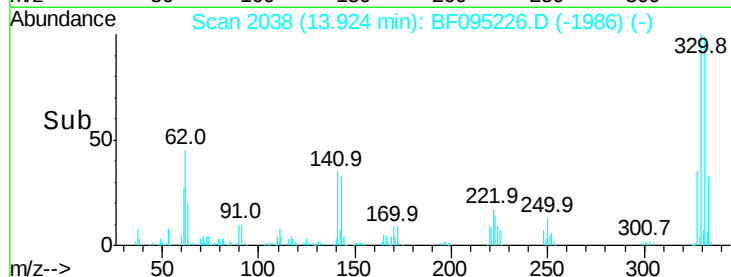
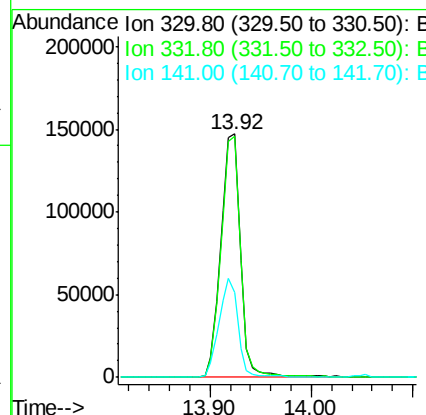
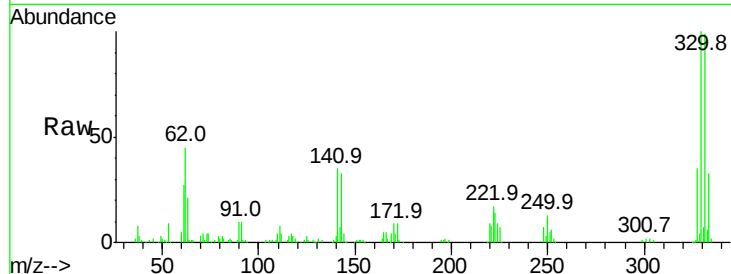




#41
 2,4,6-Tribromophenol
 Concen: 125.68 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

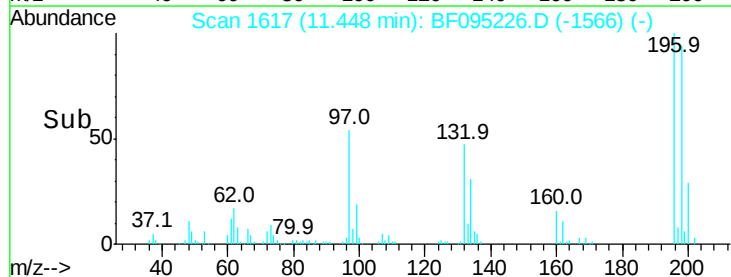
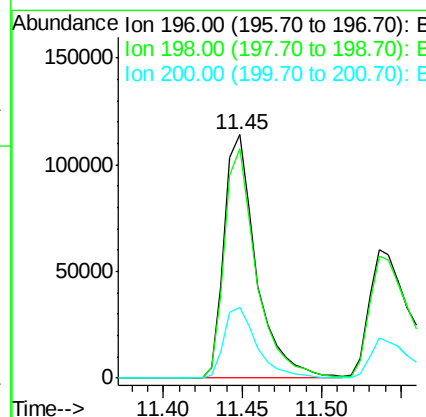
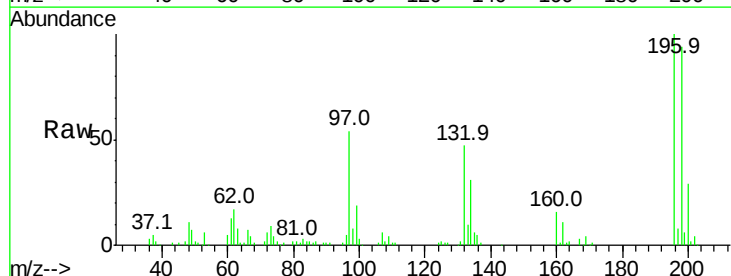
Instrument :
 BNA_F
 ClientSampleId :
 PB99052BS

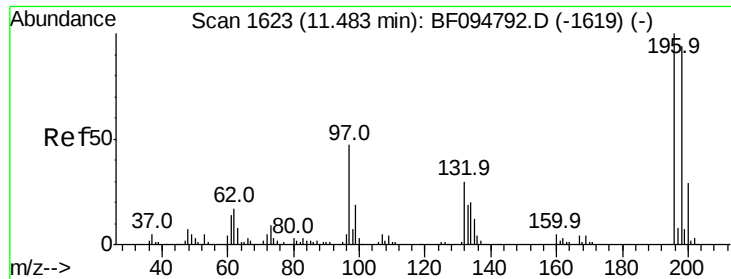
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	115.0
141	39.7	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.31 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.2	111.4
200	29.0	24.0	36.0

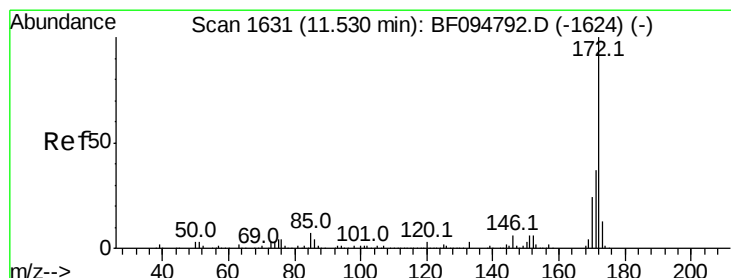
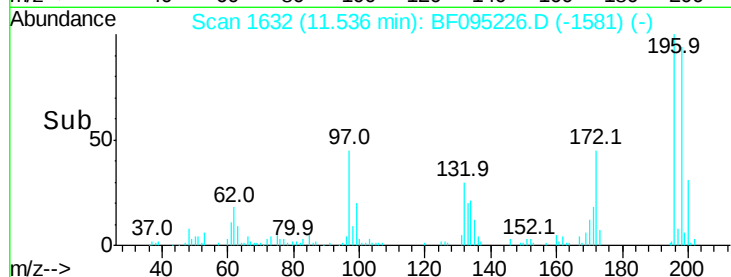
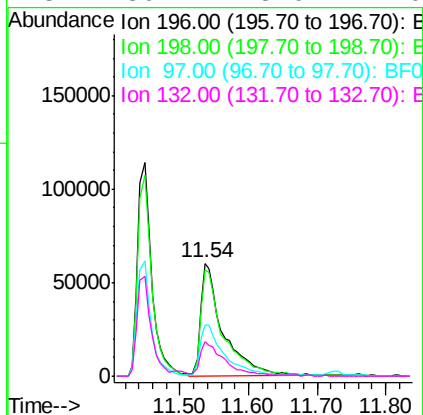
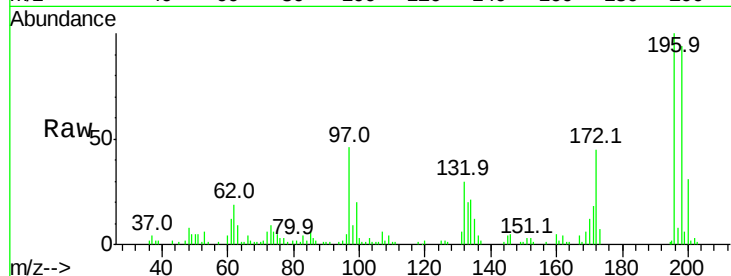




#43
 2,4,5-Trichlorophenol
 Concen: 32.35 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

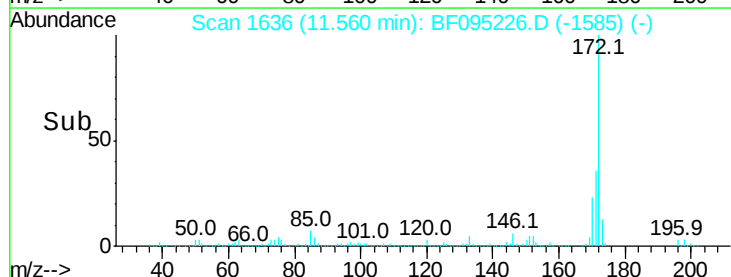
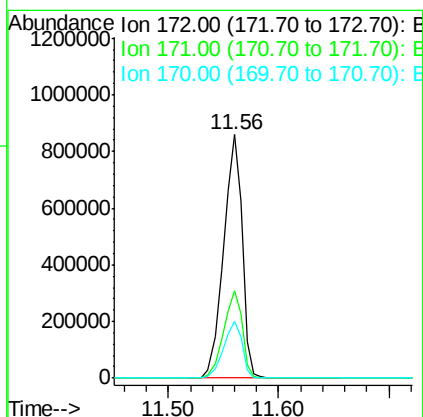
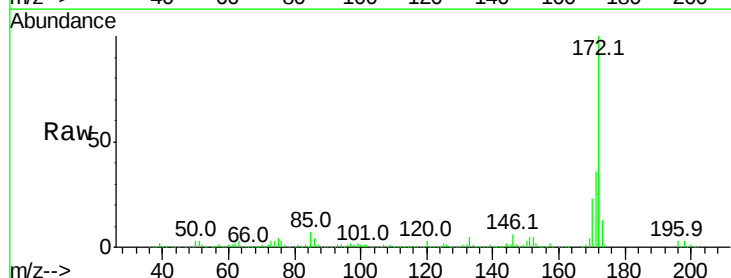
Instrument :
 BNA_F
 ClientSampleId :
 PB99052BS

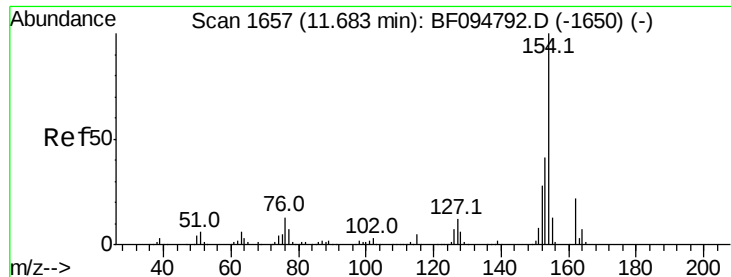
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
97	45.9	47.7	71.5#
132	30.4	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 75.11 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.4	19.8	29.8

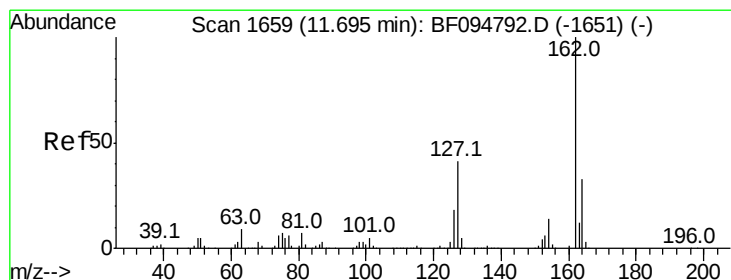
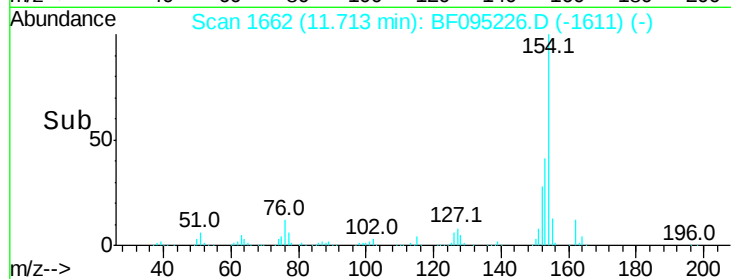
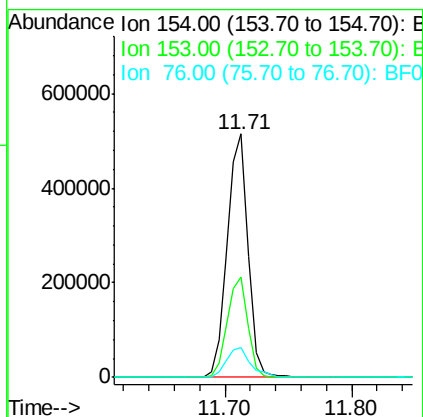
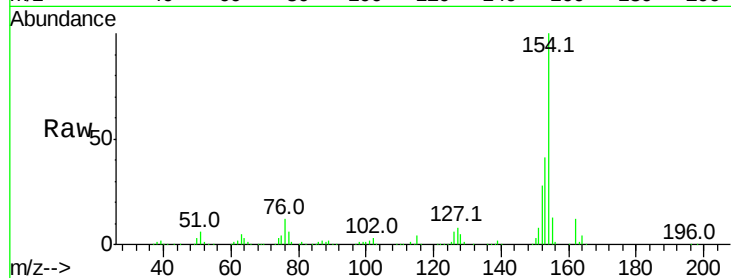




#45
 1,1'-Biphenyl
 Concen: 35.54 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

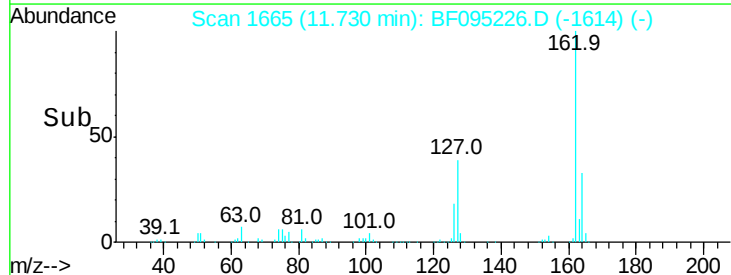
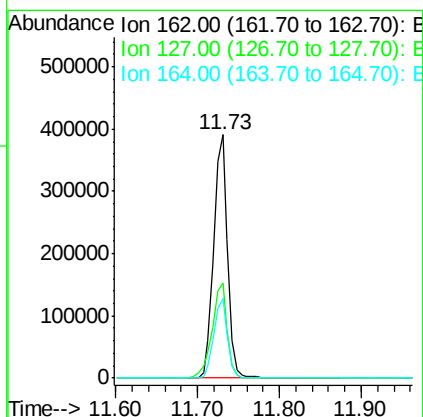
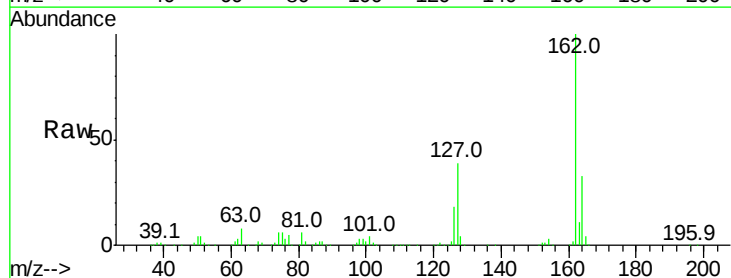
Instrument :
 BNA_F
 ClientSampleId :
 PB99052BS

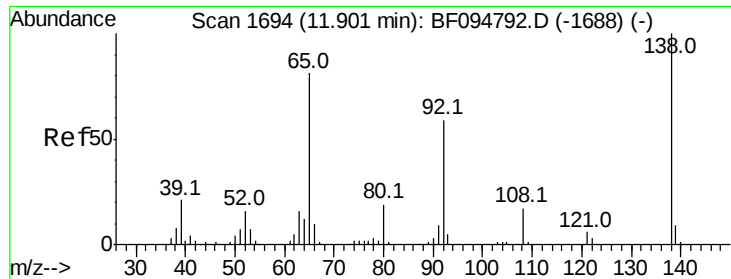
Tot Ion:154 Resp: 579936
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.2 61.2
 76 12.4 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 35.02 ng
 RT: 11.73 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Tgt Ion:162 Resp: 461397
 Ion Ratio Lower Upper
 162 100
 127 38.9 28.3 42.5
 164 32.7 27.0 40.4





#47

2-Nitroaniline

Concen: 36.70 ng

RT: 11.95 min Scan# 1702

Delta R.T. 0.00 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB99052BS

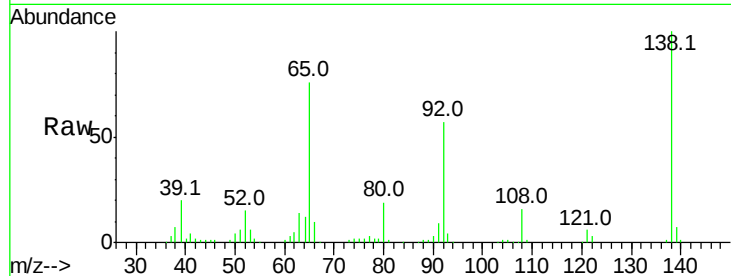
Tot Ion: 65 Resp: 132352

Ion Ratio Lower Upper

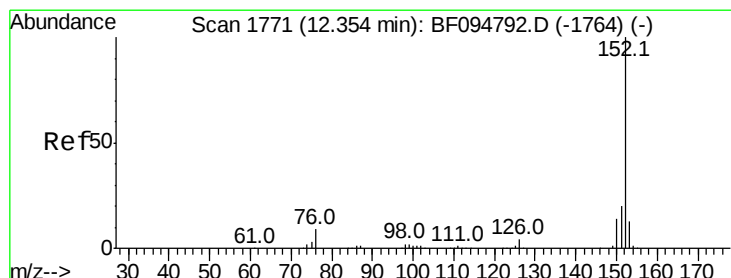
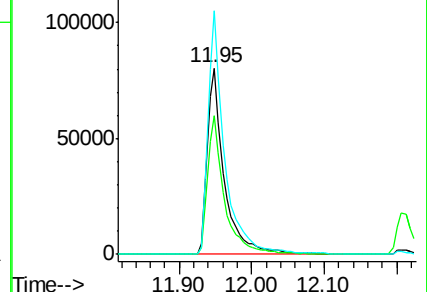
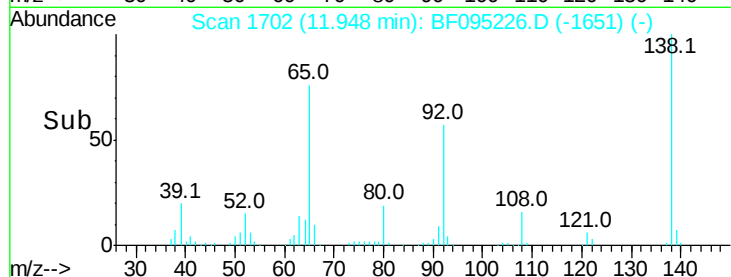
65 100

92 74.7 53.9 80.9

138 130.8 78.8 118.2#



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



#48

Acenaphthylene

Concen: 38.66 ng

RT: 12.39 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

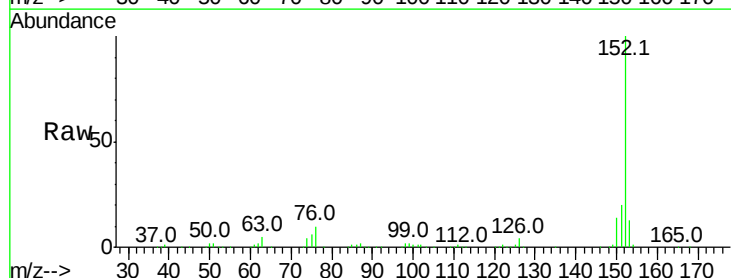
Tgt Ion:152 Resp: 797657

Ion Ratio Lower Upper

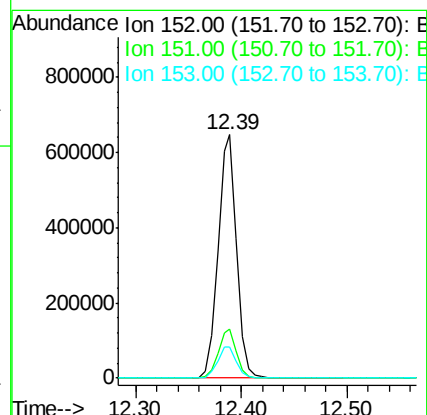
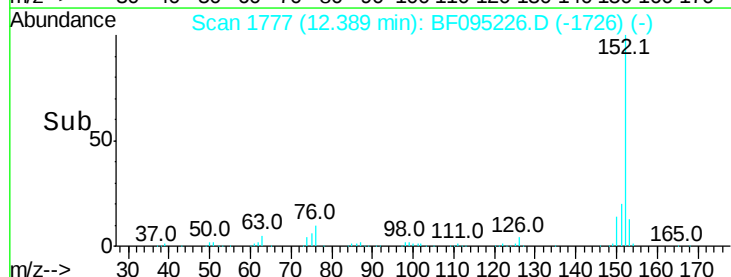
152 100

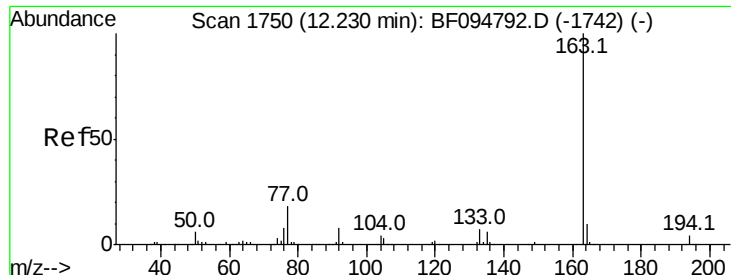
151 20.3 16.8 25.2

153 12.8 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 36.77 ng

RT: 12.26 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB99052BS

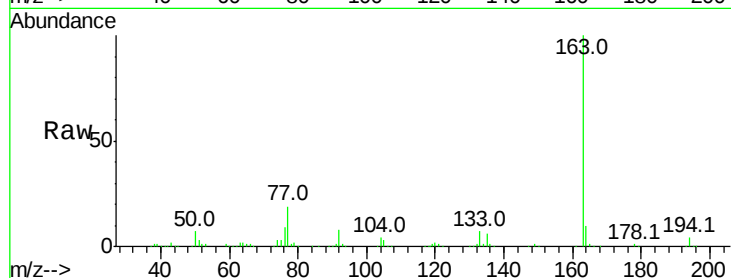
Tot Ion:163 Resp: 584977

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

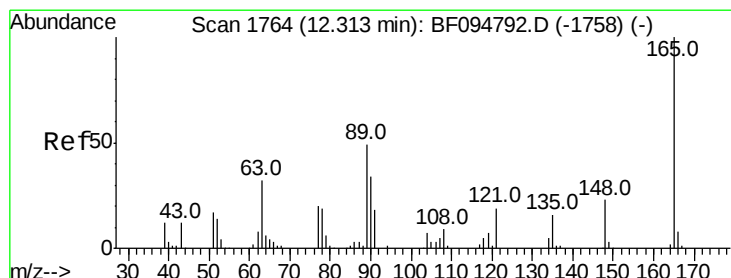
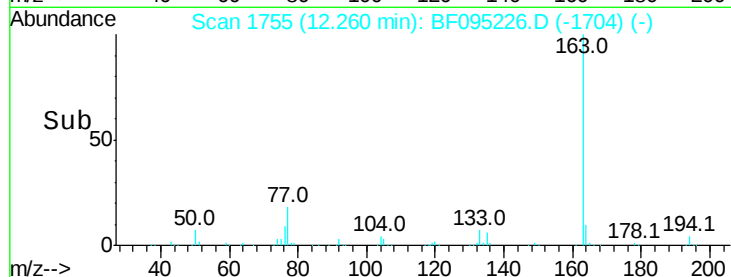
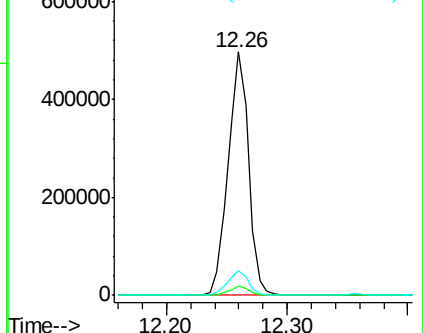
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.29 ng

RT: 12.35 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

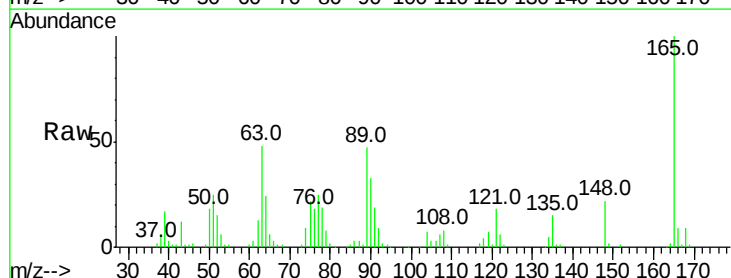
Tgt Ion:165 Resp: 130750

Ion Ratio Lower Upper

165 100

63 47.7 34.3 51.5

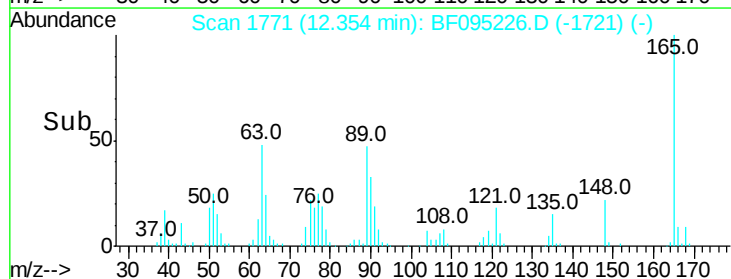
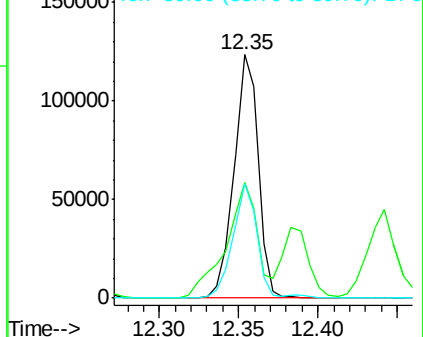
89 47.1 37.1 55.7

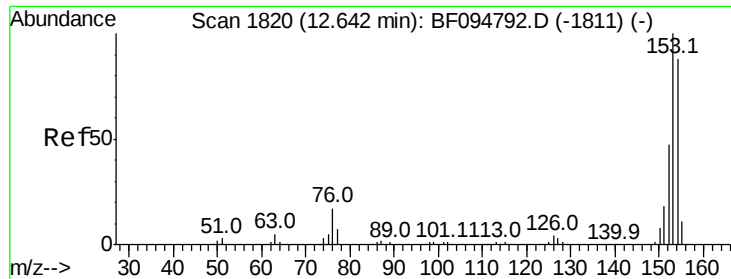


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.56 ng

RT: 12.67 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB99052BS

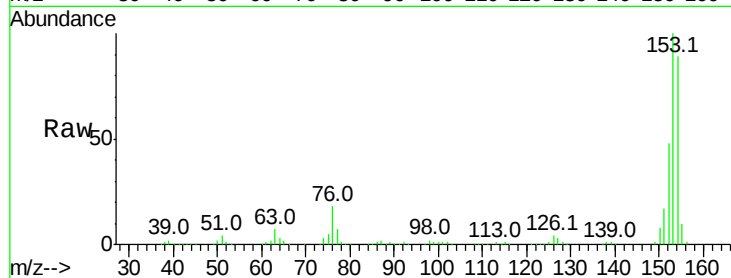
Tot Ion:154 Resp: 462984

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

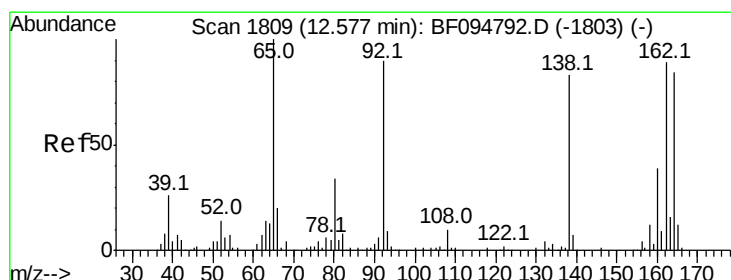
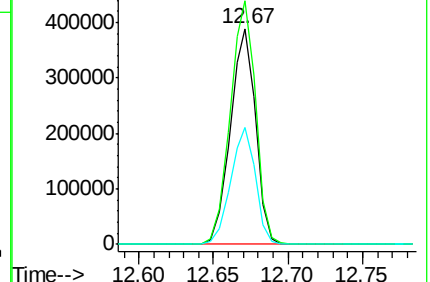
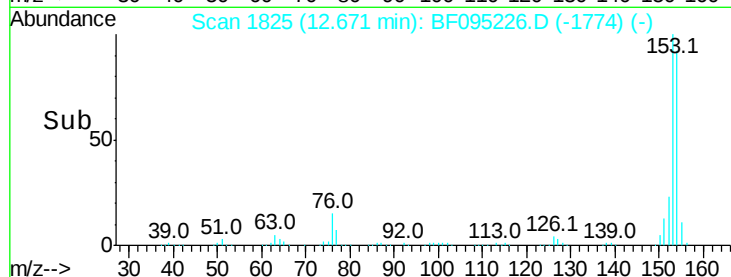
152 53.9 43.6 65.4



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: 15.55 ng

RT: 12.64 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

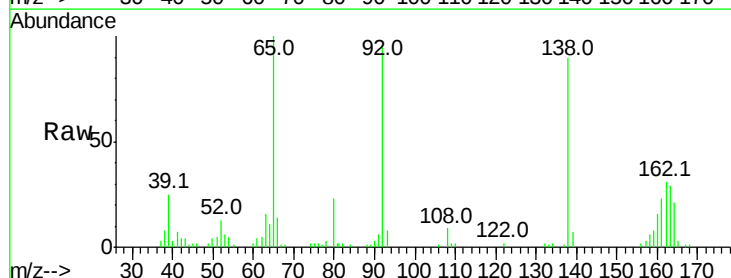
Tgt Ion:138 Resp: 54169

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

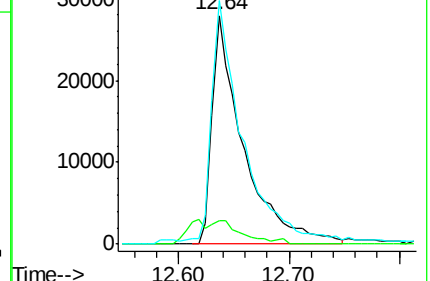
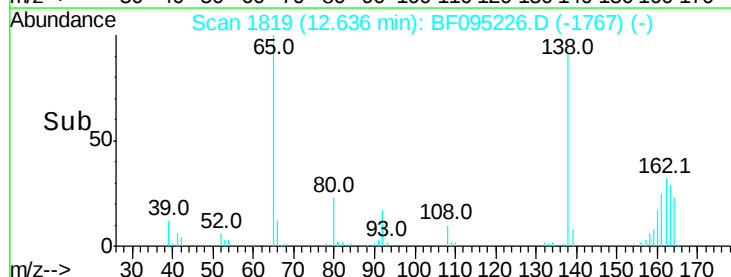
92 106.4 93.8 140.6

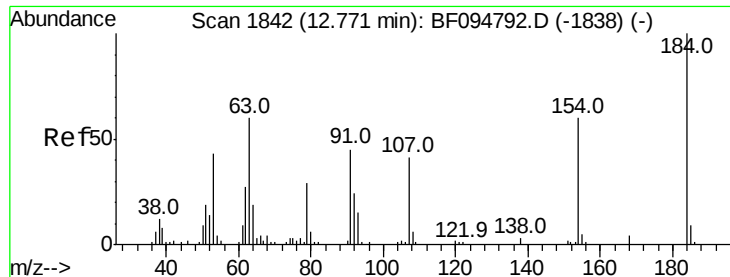


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

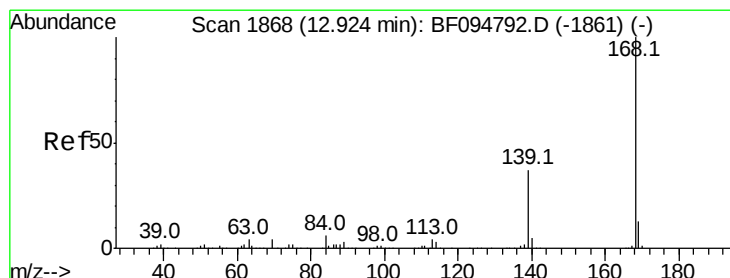
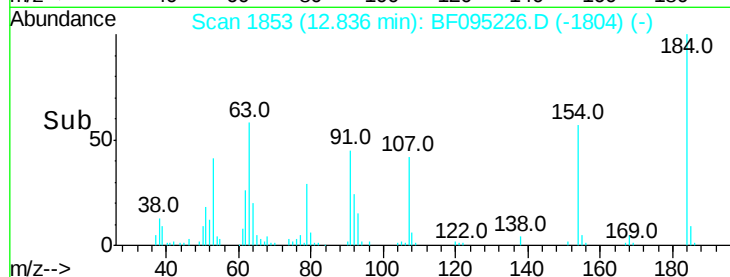
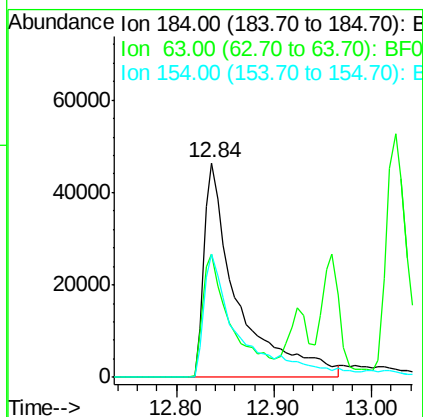
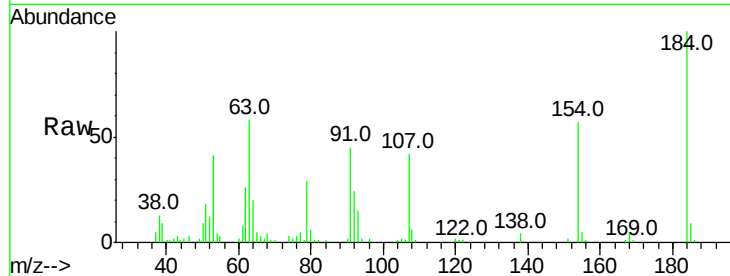




#53
 2,4-Dinitrophenol
 Concen: 63.36 ng
 RT: 12.84 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

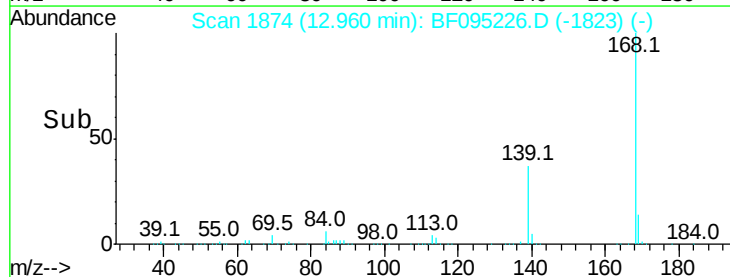
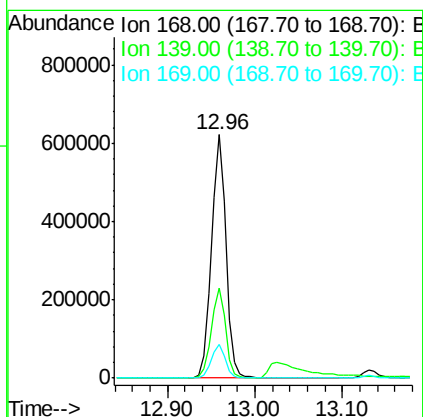
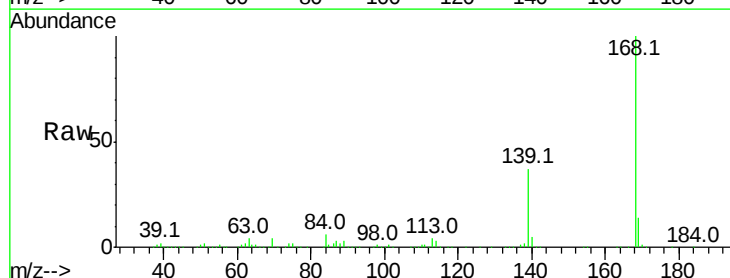
Instrument :
 BNA_F
 ClientSampleId :
 PB99052BS

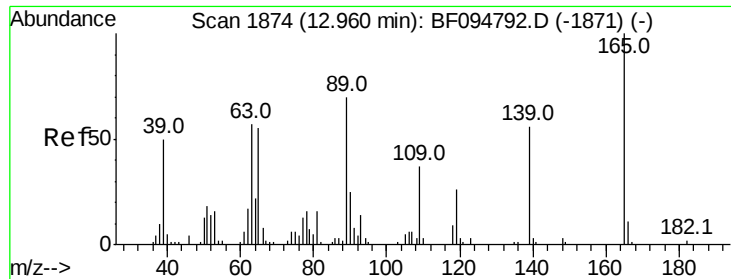
Tot Ion:184 Resp: 110742
 Ion Ratio Lower Upper
 184 100
 63 57.6 62.7 94.1#
 154 57.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 42.05 ng
 RT: 12.96 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Tgt Ion:168 Resp: 717253
 Ion Ratio Lower Upper
 168 100
 139 37.2 30.6 45.8
 169 13.8 10.8 16.2

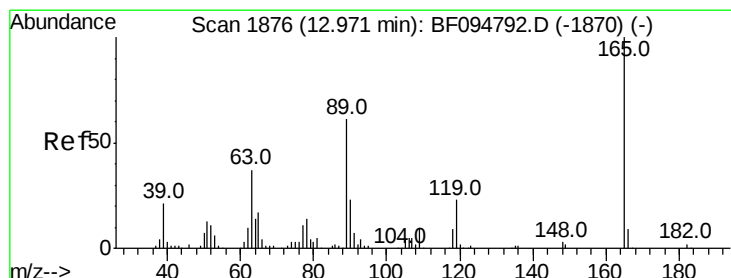
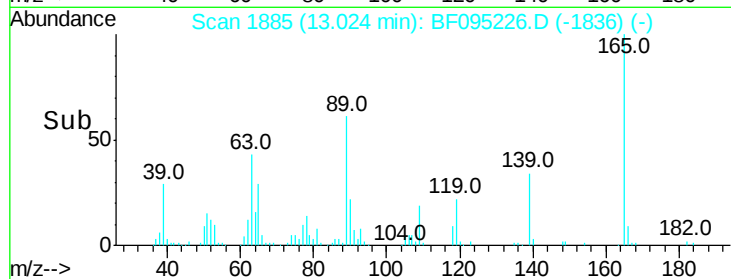
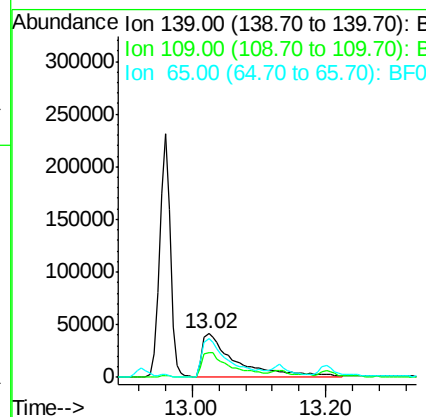
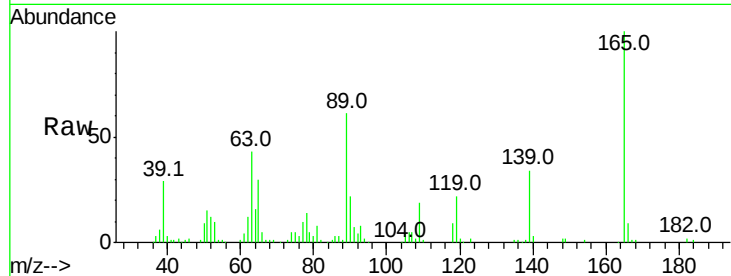




#55
4-Nitrophenol
Concen: 66.36 ng
RT: 13.02 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

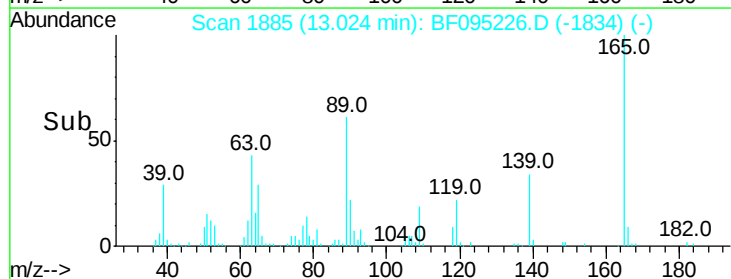
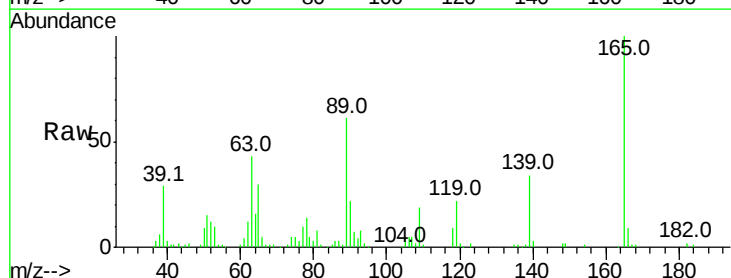
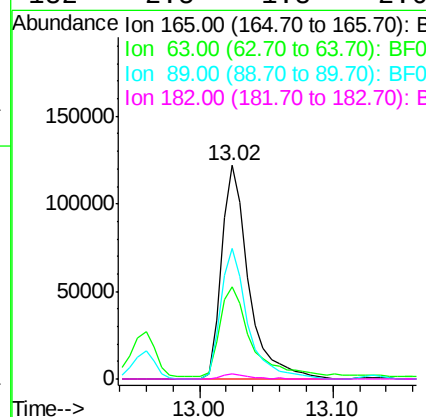
Instrument :
BNA_F
ClientSampleId :
PB99052BS

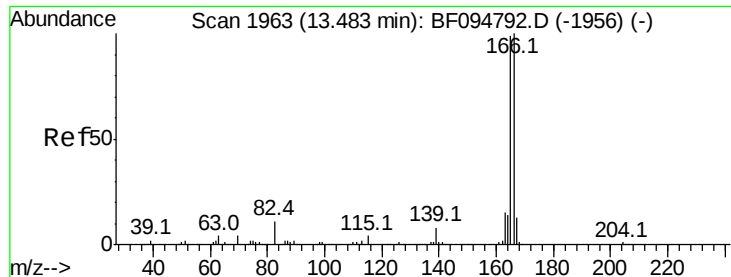
Tot Ion:139 Resp: 138838
Ion Ratio Lower Upper
139 100
109 56.4 34.1 74.1
65 88.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 42.05 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

Tgt Ion:165 Resp: 175368
Ion Ratio Lower Upper
165 100
63 43.2 25.4 38.0#
89 60.9 46.4 69.6
182 2.5 1.8 2.6

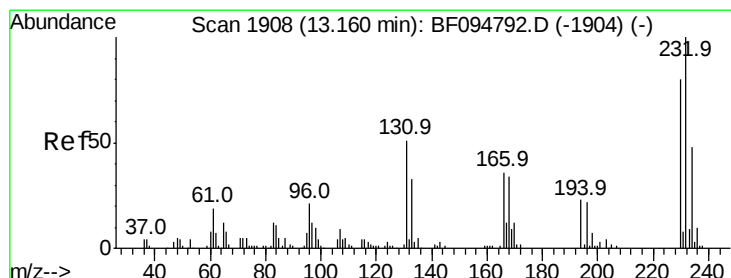
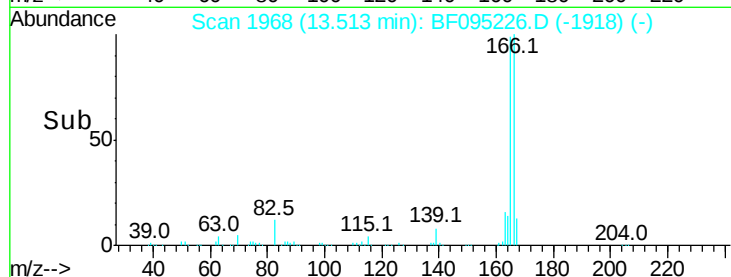
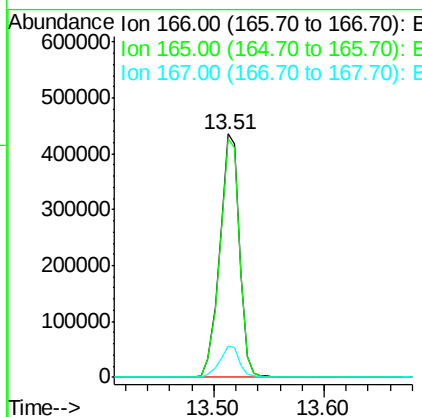
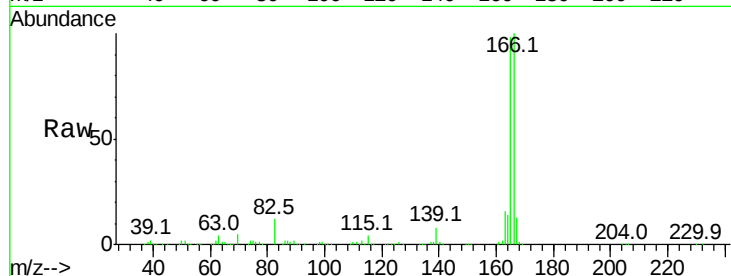




#57
 Fluorene
 Concen: 36.38 ng
 RT: 13.51 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

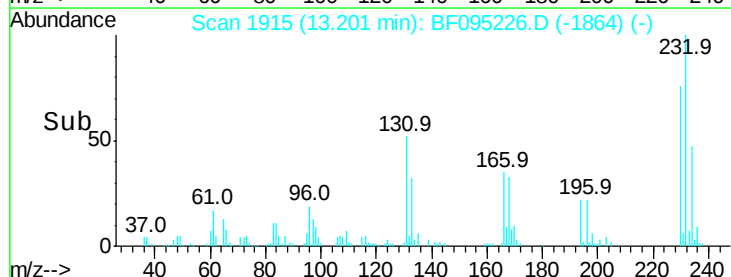
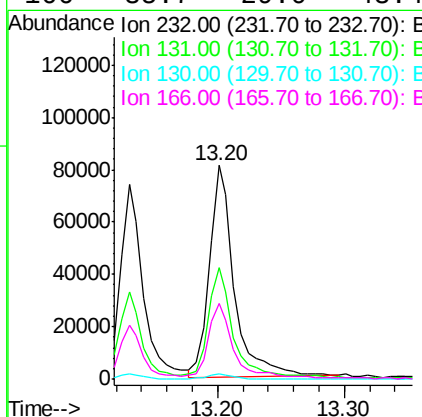
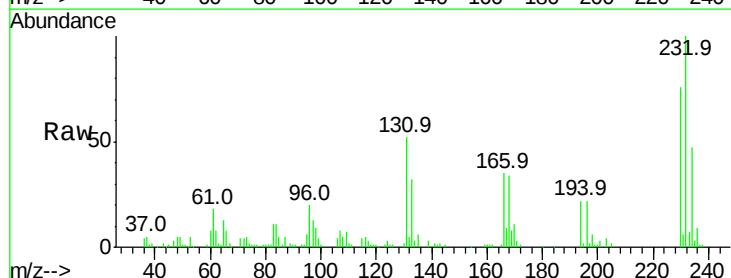
Instrument :
 BNA_F
 ClientSampleId :
 PB99052BS

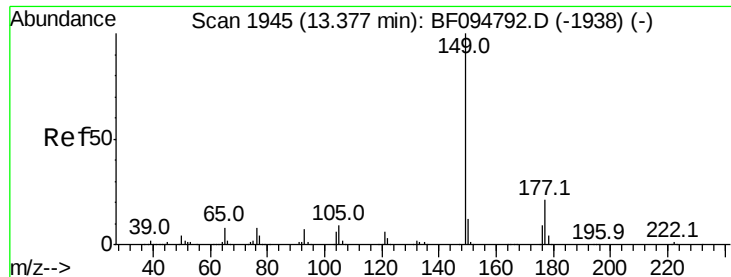
Tot Ion:166 Resp: 539592
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.8 118.2
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.61 ng
 RT: 13.20 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Tgt Ion:232 Resp: 112004
 Ion Ratio Lower Upper
 232 100
 131 53.3 44.8 67.2
 130 2.3 2.3 3.5#
 166 35.7 29.0 43.4

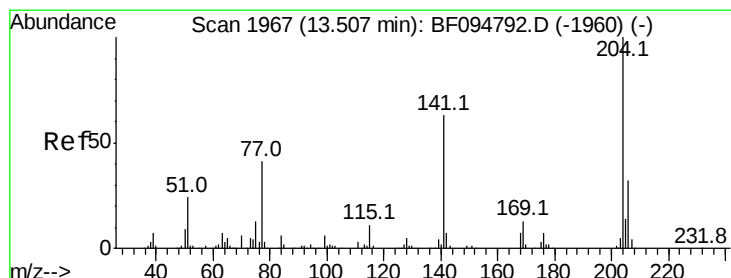
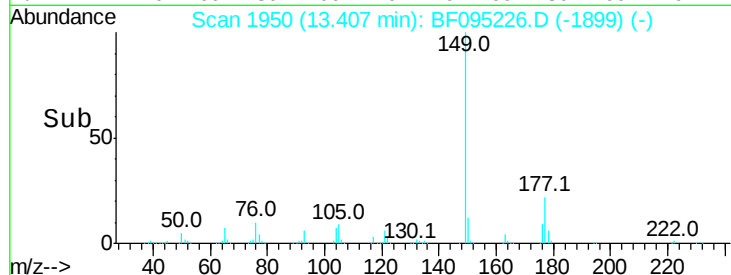
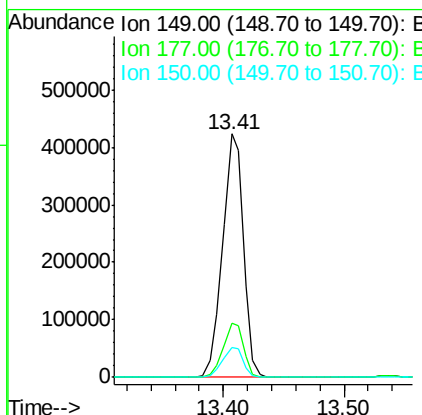
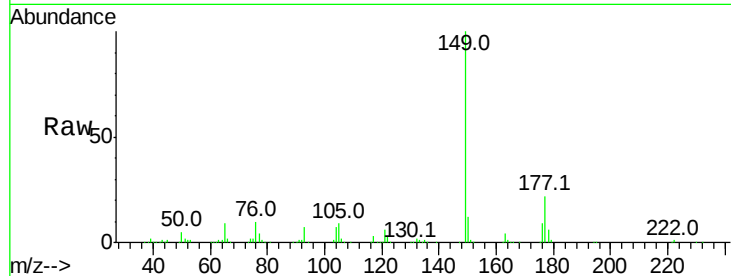




#59
Diethylphthalate
Concen: 33.03 ng
RT: 13.41 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

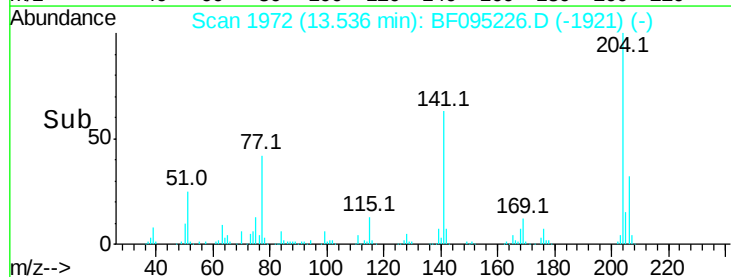
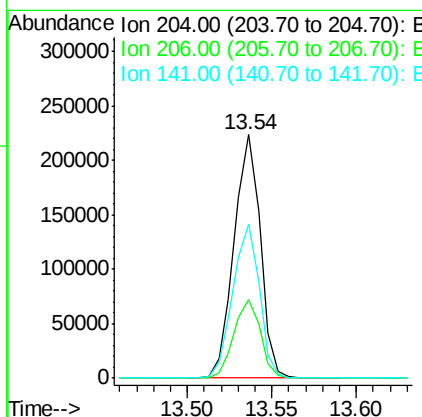
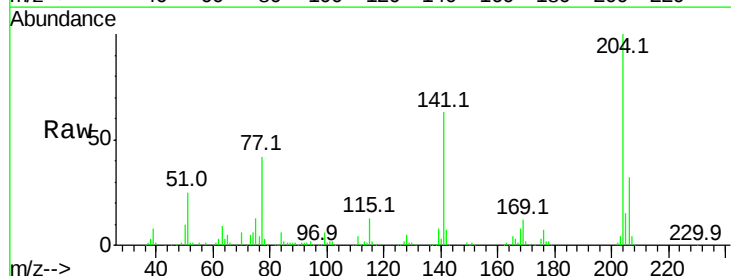
Instrument :
BNA_F
ClientSampled :
PB99052BS

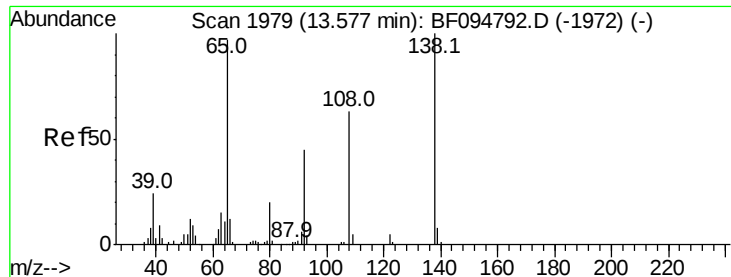
Tot Ion:149 Resp: 503728
Ion Ratio Lower Upper
149 100
177 22.2 16.7 25.1
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 37.09 ng
RT: 13.54 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

Tgt Ion:204 Resp: 241718
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 63.5 60.8 91.2

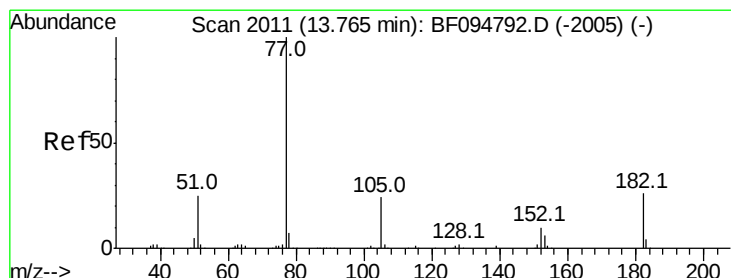
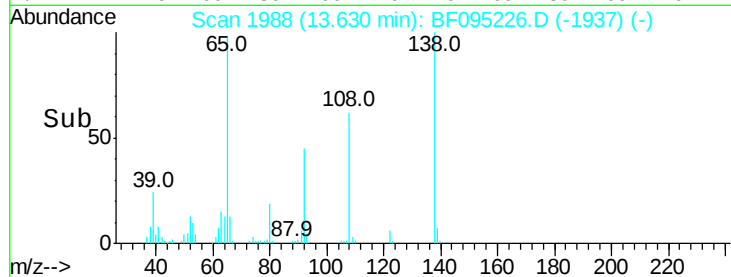
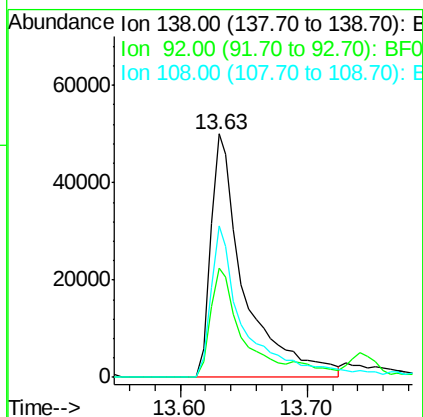
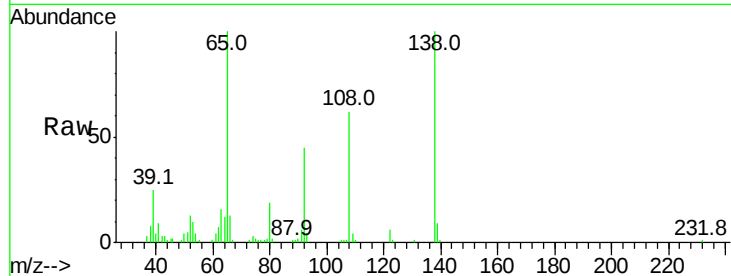




#61
4-Nitroaniline
Concen: 29.00 ng
RT: 13.63 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

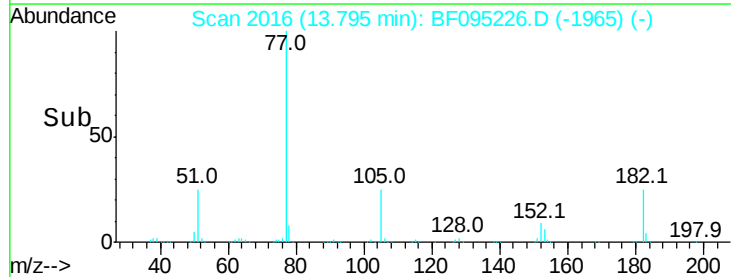
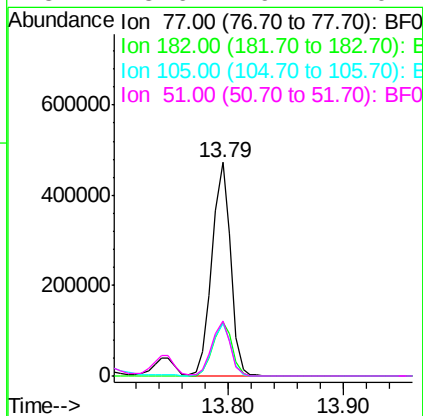
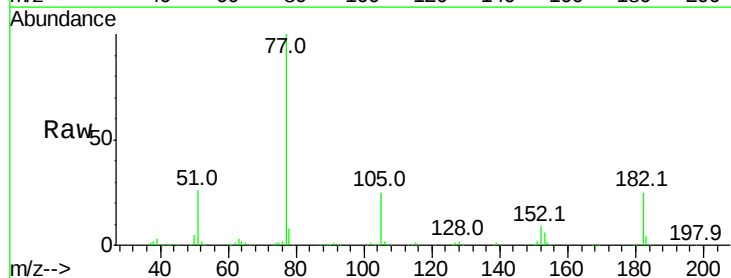
Instrument :
BNA_F
ClientSampleId :
PB99052BS

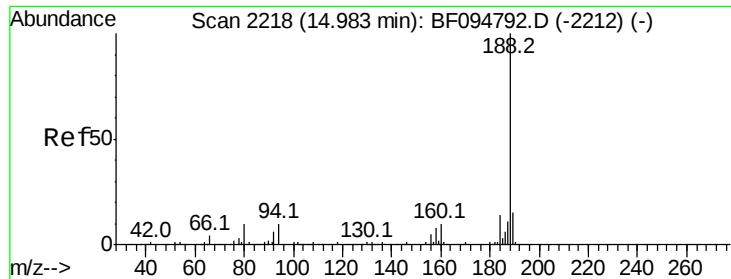
Tot Ion:138 Resp: 92741
Ion Ratio Lower Upper
138 100
92 44.7 21.8 61.8
108 62.2 42.3 82.3



#62
Azobenzene
Concen: 43.43 ng
RT: 13.79 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

Tgt Ion: 77 Resp: 532201
Ion Ratio Lower Upper
77 100
182 25.1 0.1 40.1
105 24.6 3.6 43.6
51 25.6 9.4 49.4

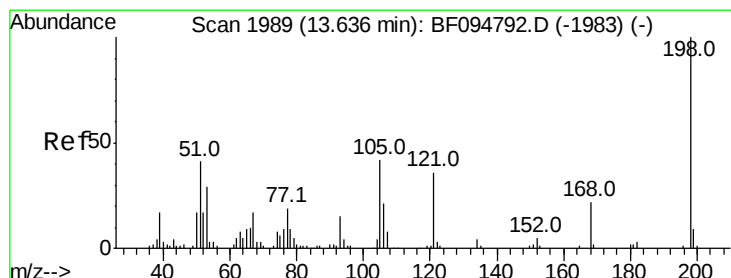
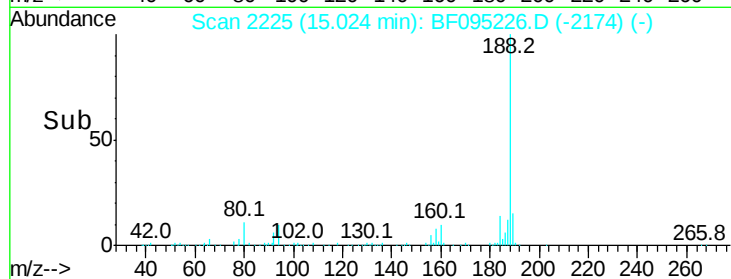
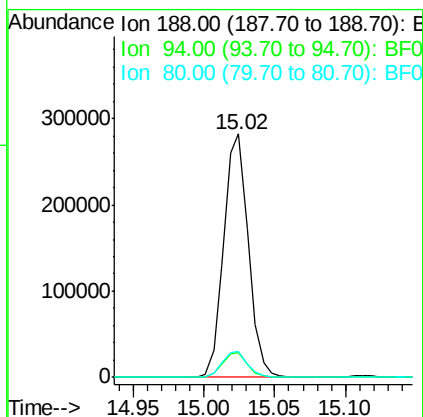
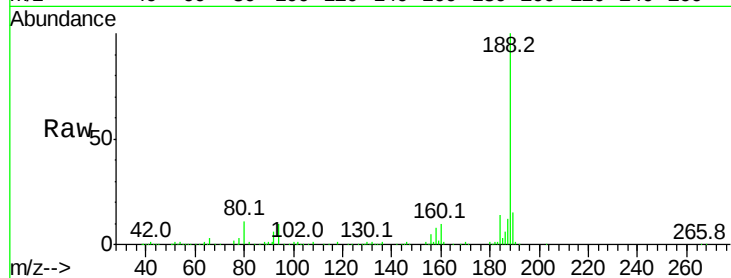




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

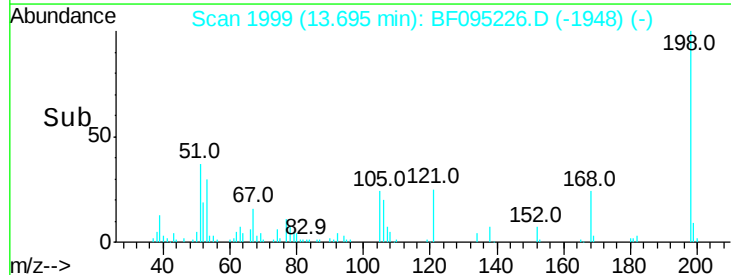
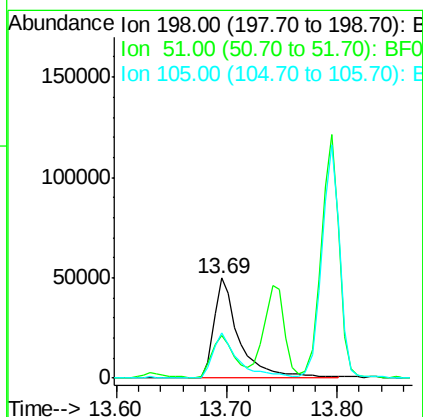
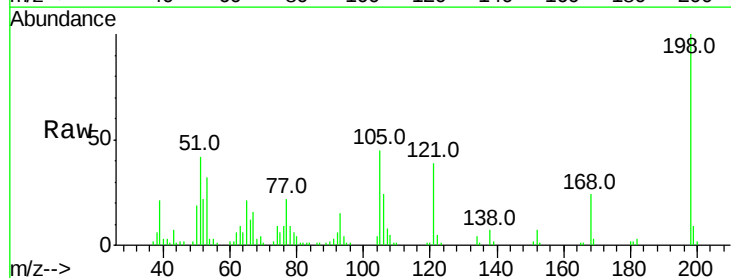
Instrument :
 BNA_F
 ClientSampleId :
 PB99052BS

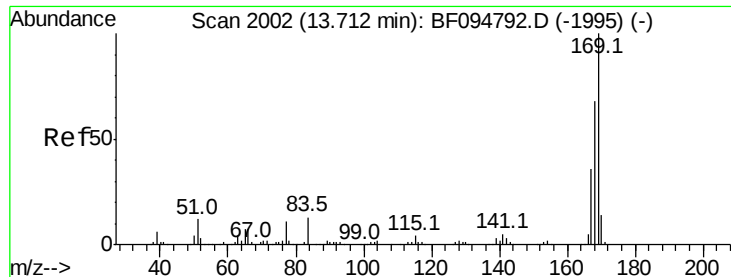
Tot Ion:188 Resp: 341313
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 10.6 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.64 ng
 RT: 13.69 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Tgt Ion:198 Resp: 79262
 Ion Ratio Lower Upper
 198 100
 51 42.4 53.2 93.2#
 105 45.2 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 38.87 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB99052BS

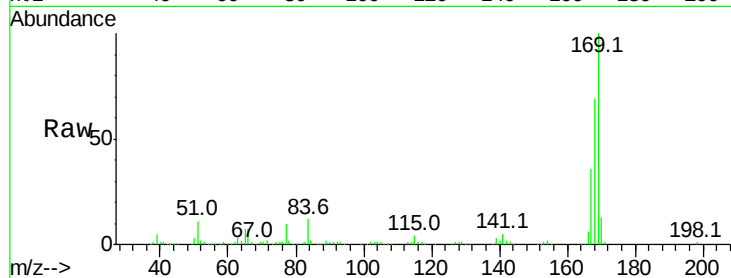
Tot Ion:169 Resp: 481506

Ion Ratio Lower Upper

169 100

168 68.6 53.2 79.8

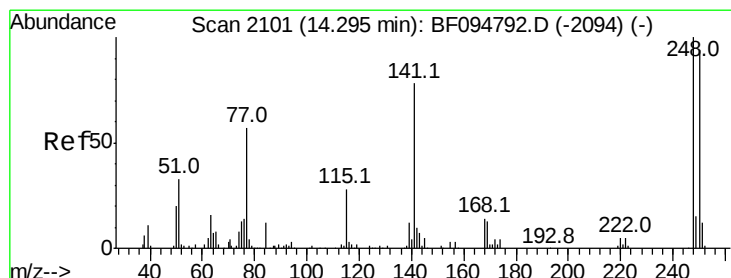
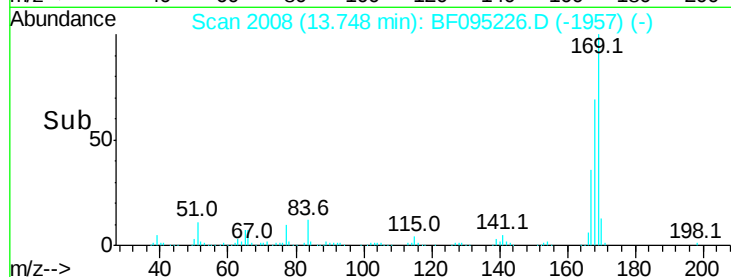
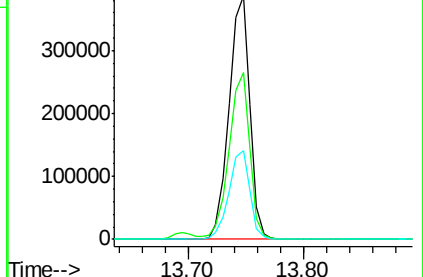
167 36.2 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.25 ng

RT: 14.32 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

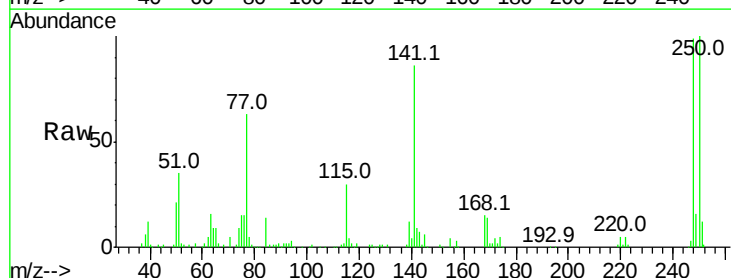
Tgt Ion:248 Resp: 141542

Ion Ratio Lower Upper

248 100

250 101.2 76.8 115.2

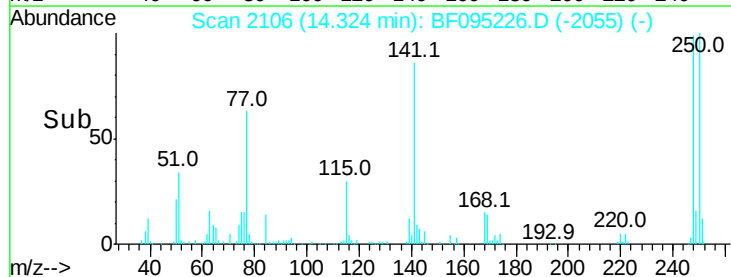
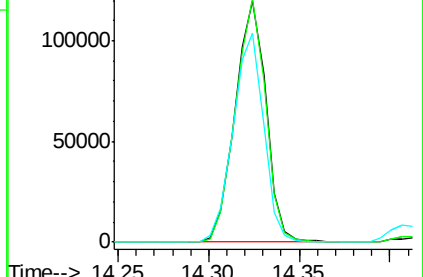
141 87.1 68.6 103.0

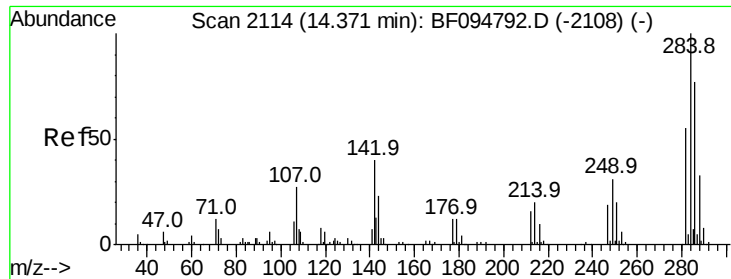


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.53 ng

RT: 14.41 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB99052BS

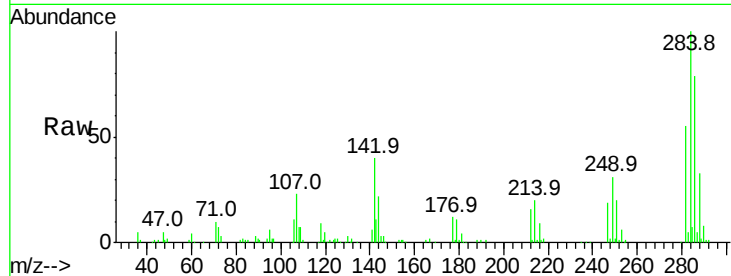
Tot Ion:284 Resp: 142379

Ion Ratio Lower Upper

284 100

142 40.0 22.8 34.2#

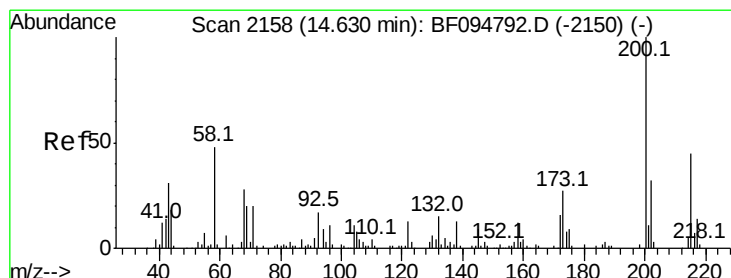
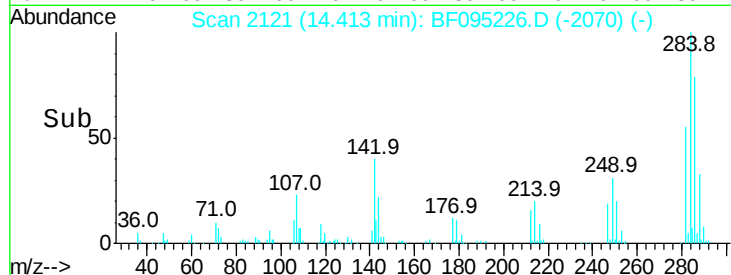
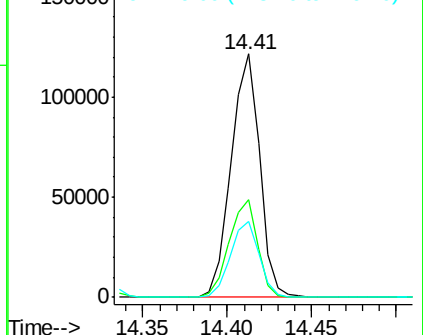
249 31.2 24.0 36.0



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: 41.37 ng

RT: 14.67 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

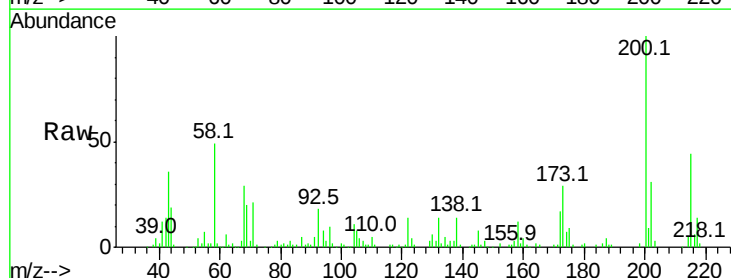
Tgt Ion:200 Resp: 144689

Ion Ratio Lower Upper

200 100

173 29.4 6.3 46.3

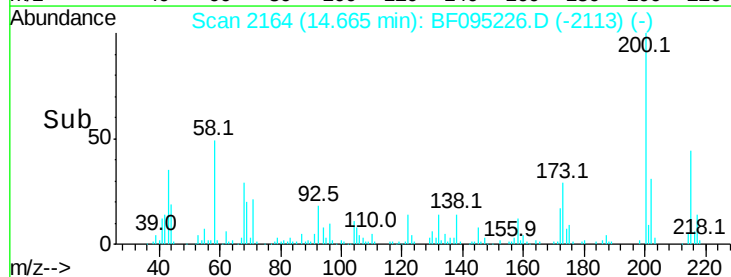
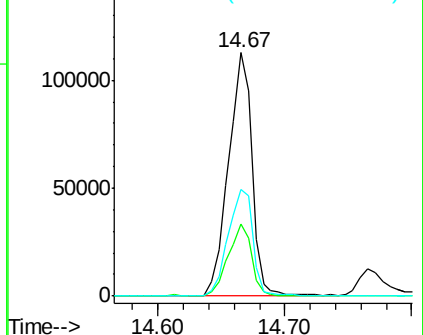
215 43.6 27.2 67.2

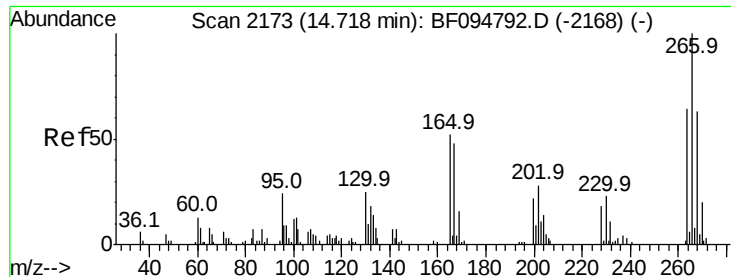


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

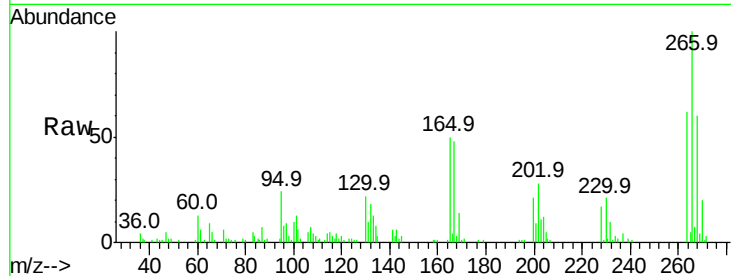




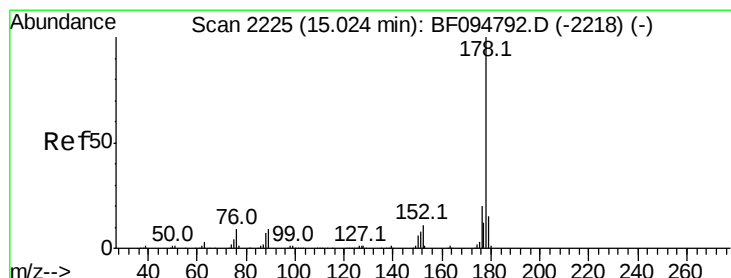
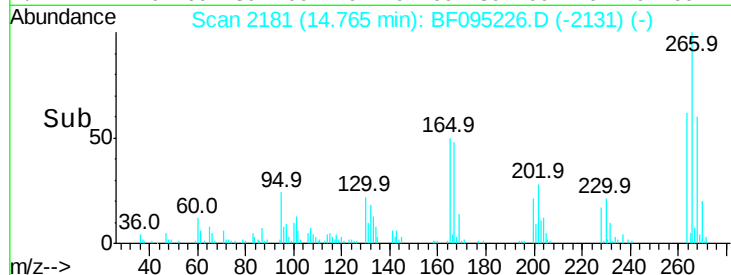
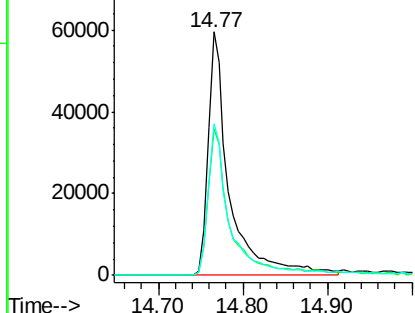
#69
 Pentachlorophenol
 Concen: 64.26 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Instrument :
 BNA_F
 ClientSampleId :
 PB99052BS

Tot Ion:266 Resp: 105294
 Ion Ratio Lower Upper
 266 100
 268 59.9 51.1 76.7
 264 62.1 51.7 77.5

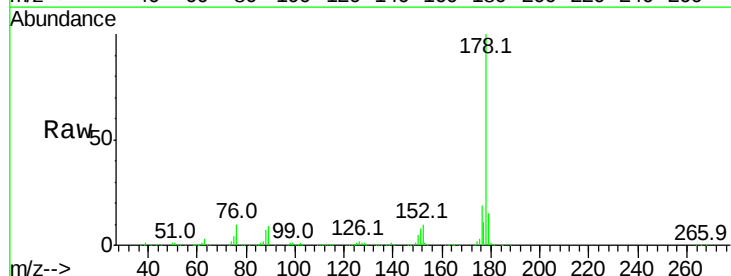


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

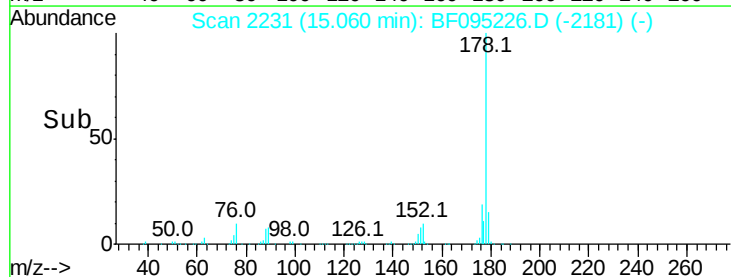
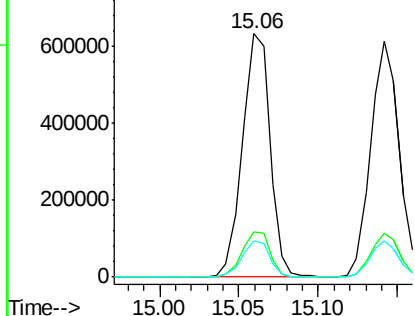


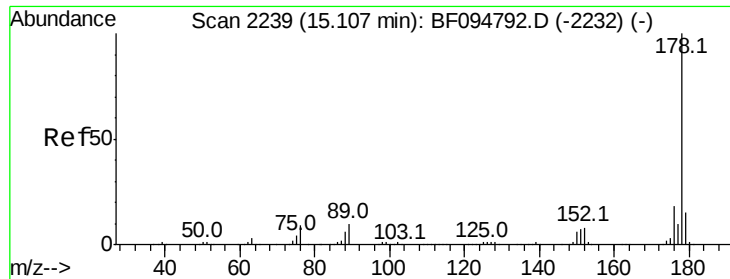
#70
 Phenanthrene
 Concen: 39.01 ng
 RT: 15.06 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Tgt Ion:178 Resp: 765010
 Ion Ratio Lower Upper
 178 100
 176 18.7 16.2 24.4
 179 15.1 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

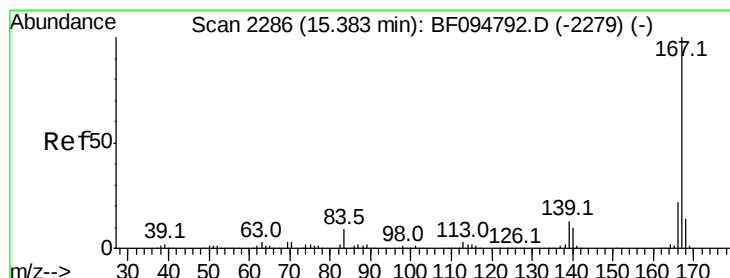
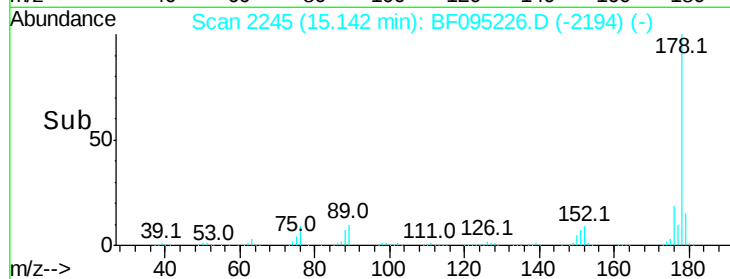
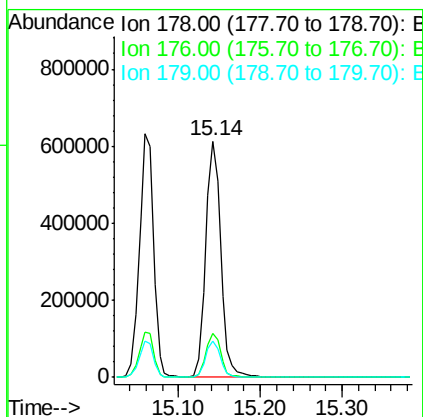
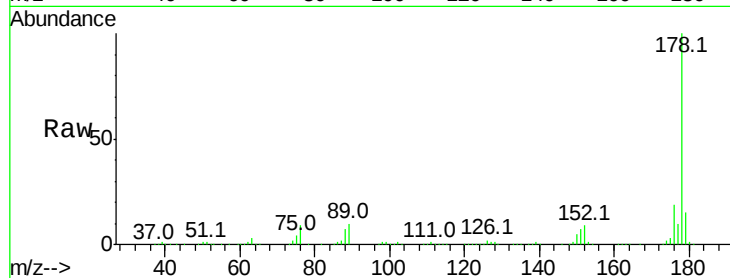




#71
 Anthracene
 Concen: 39.34 ng
 RT: 15.14 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

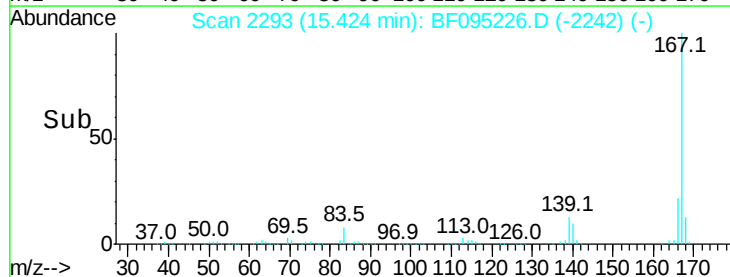
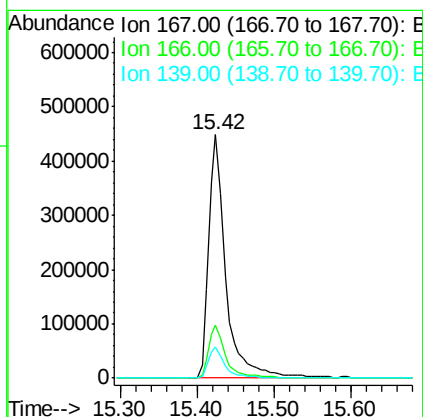
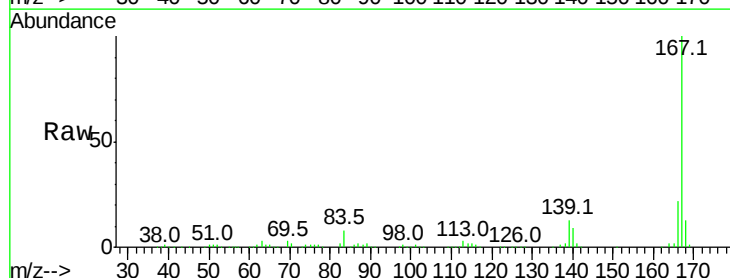
Instrument :
 BNA_F
 ClientSampleId :
 PB99052BS

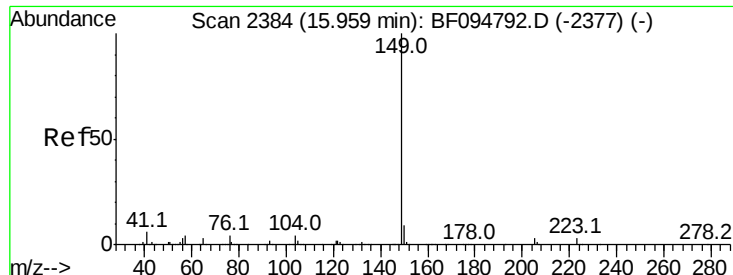
Tot Ion:178 Resp: 788076
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 37.74 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Tgt Ion:167 Resp: 687929
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 12.9 11.7 17.5

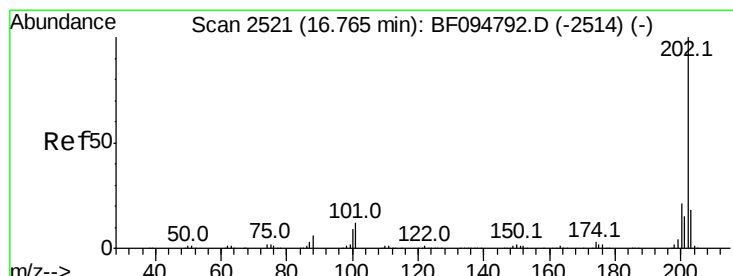
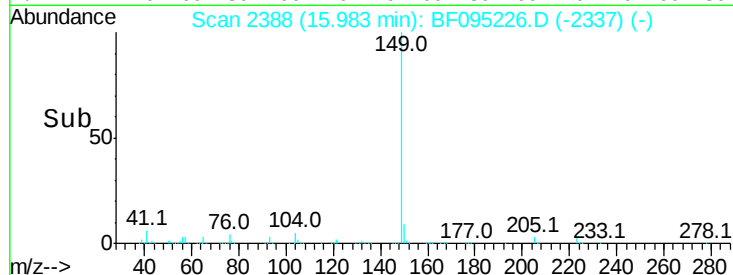
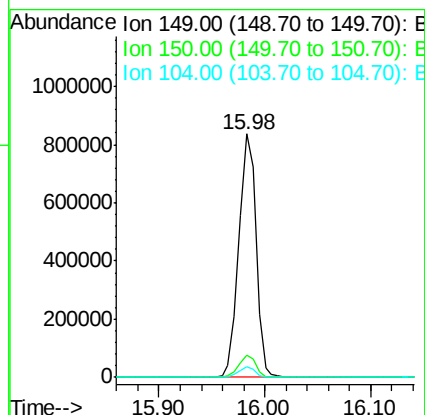
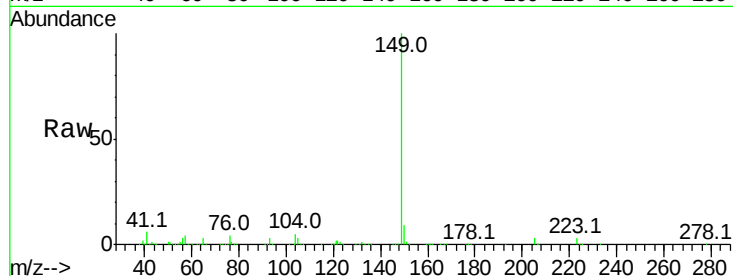




#73
Di-n-butylphthalate
Concen: 41.20 ng
RT: 15.98 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

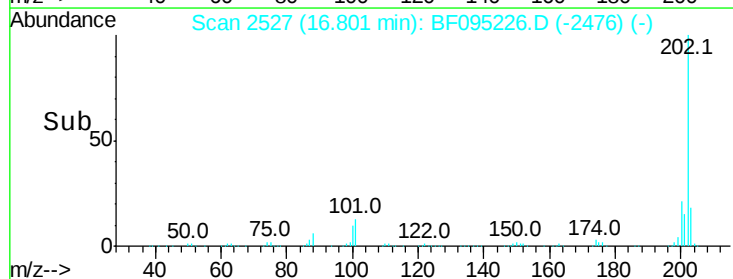
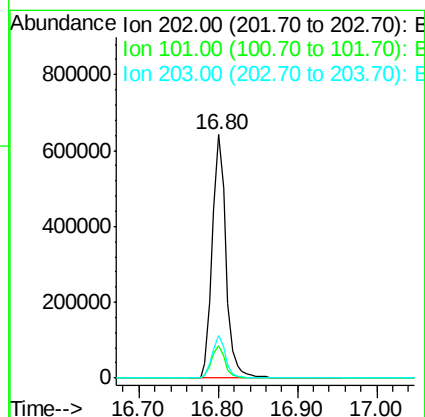
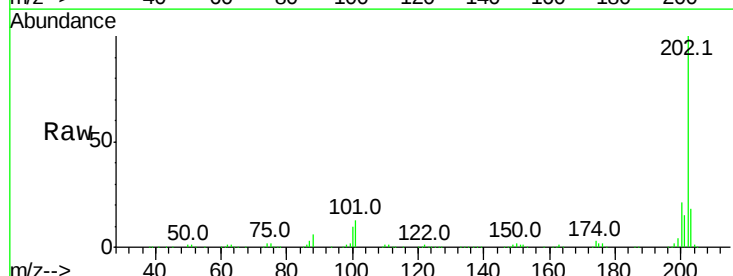
Instrument :
BNA_F
ClientSampleId :
PB99052BS

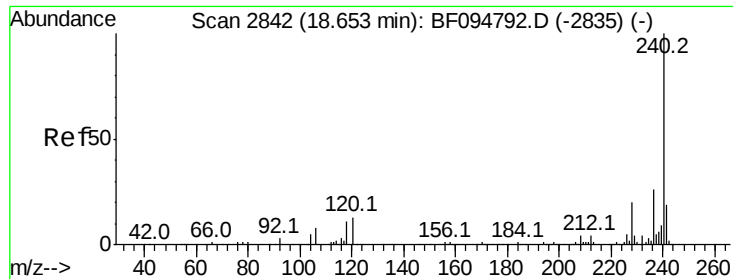
Tot Ion:149 Resp: 936372
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.5 4.0 6.0



#74
Fluoranthene
Concen: 38.59 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

Tgt Ion:202 Resp: 776372
Ion Ratio Lower Upper
202 100
101 13.3 0.0 33.2
203 17.7 0.0 38.1

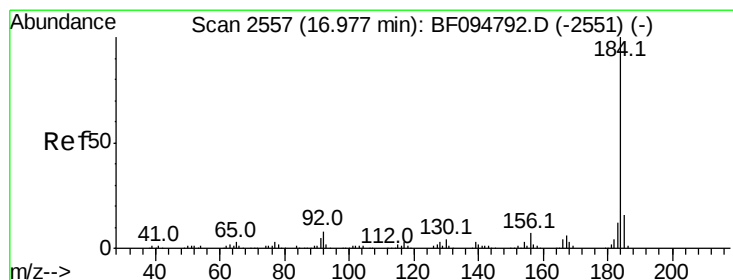
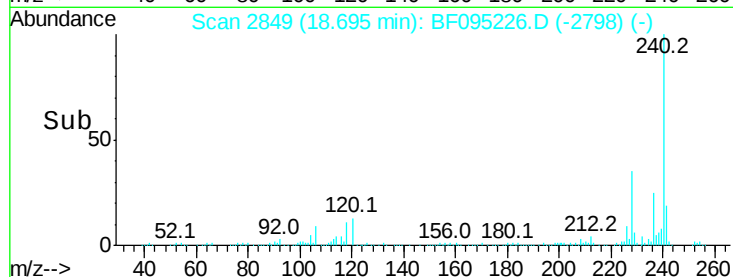
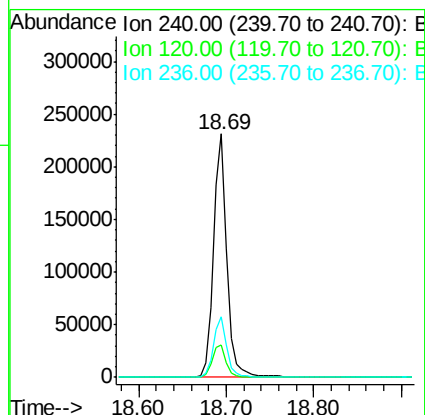
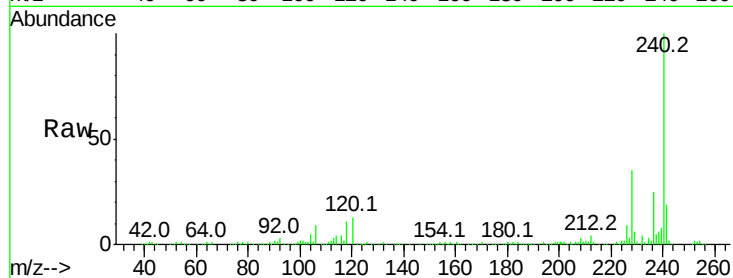




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

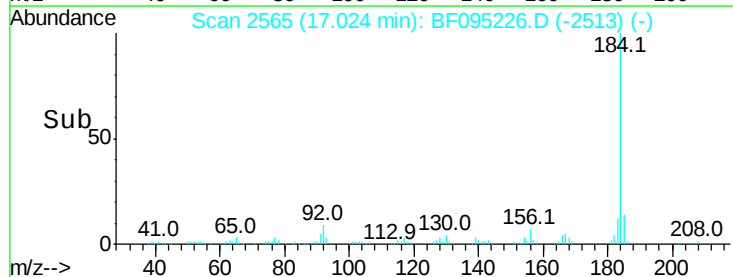
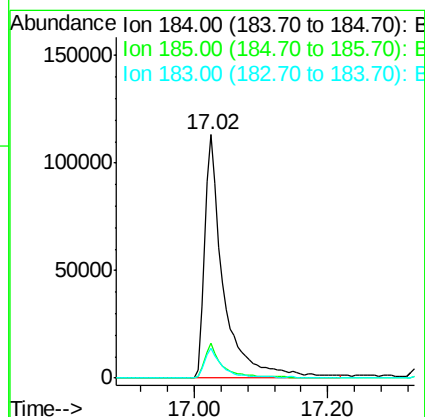
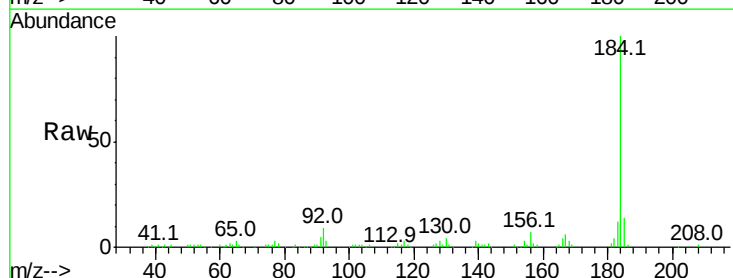
Instrument :
BNA_F
ClientSampleId :
PB99052BS

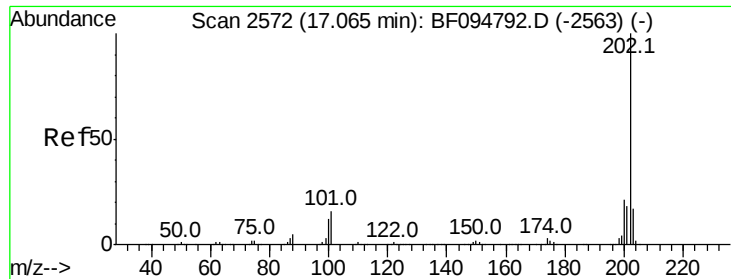
Tot Ion:240 Resp: 245701
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 24.9 20.5 30.7



#76
Benzidine
Concen: 35.29 ng
RT: 17.02 min Scan# 2565
Delta R.T. 0.01 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

Tgt Ion:184 Resp: 221073
Ion Ratio Lower Upper
184 100
185 14.2 15.5 23.3#
183 12.2 9.8 14.6

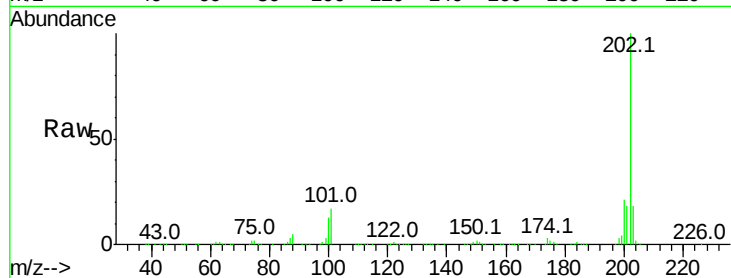




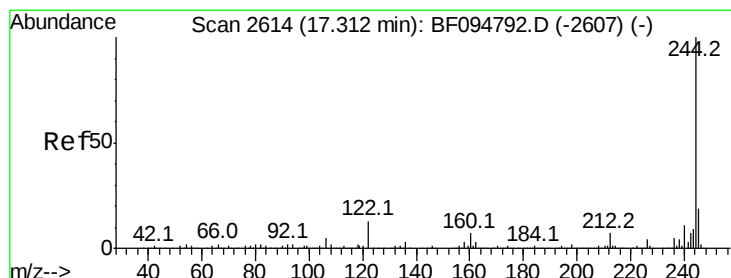
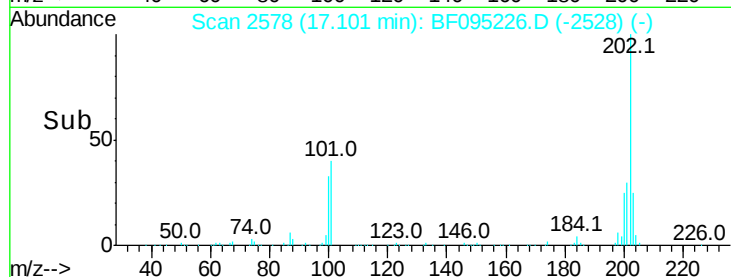
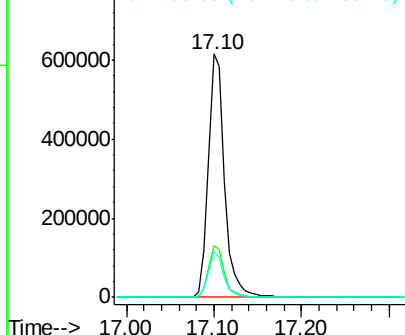
#77
Pvrene
Concen: 43.54 ng
RT: 17.10 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

Instrument :
BNA_F
ClientSampleId :
PB99052BS

Tot Ion:202 Resp: 800094
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 18.4 14.4 21.6

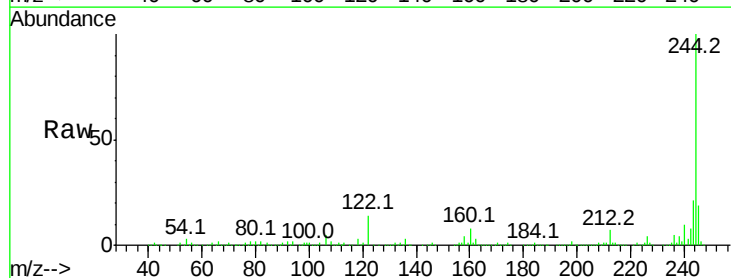


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

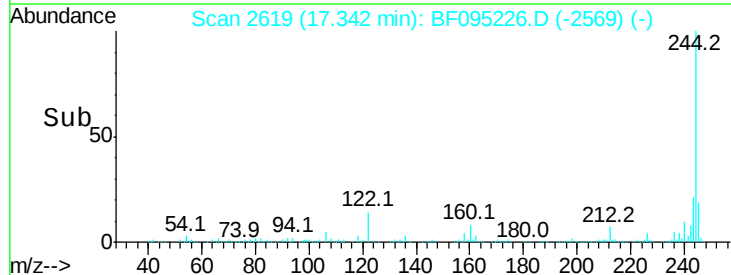
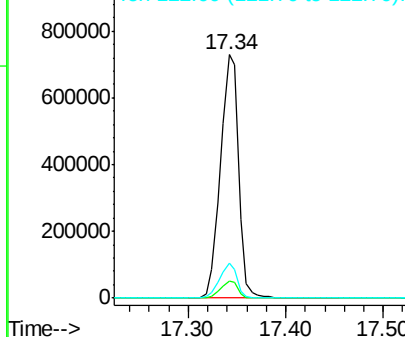


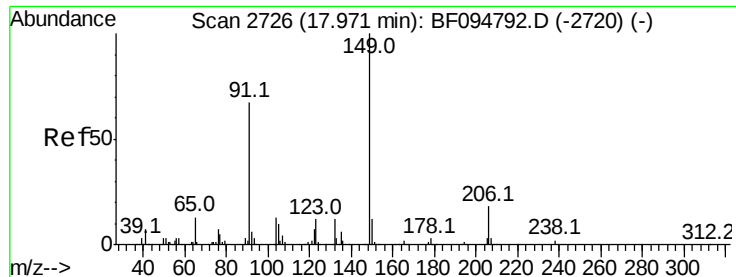
#78
Terphenyl-d14
Concen: 84.52 ng
RT: 17.34 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

Tgt Ion:244 Resp: 942790
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 14.4 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

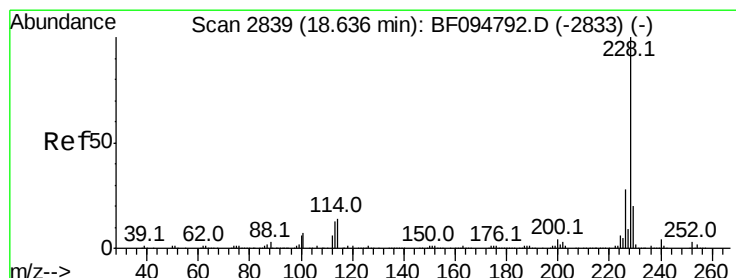
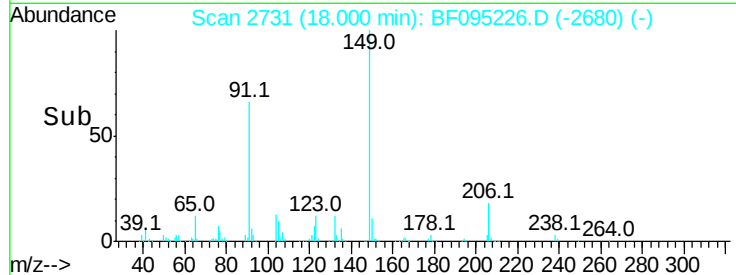
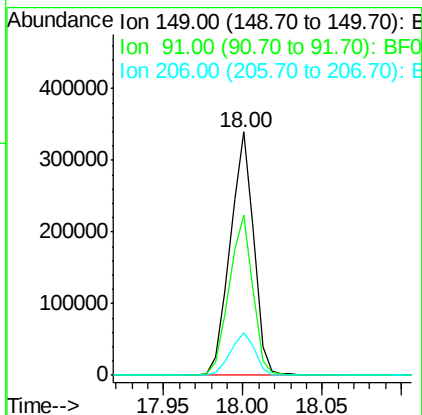
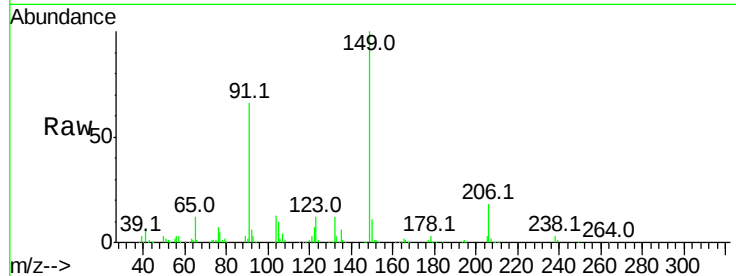




#79
Butylbenzylphthalate
Concen: 40.92 ng
RT: 18.00 min Scan# 2731
Delta R.T. 0.00 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

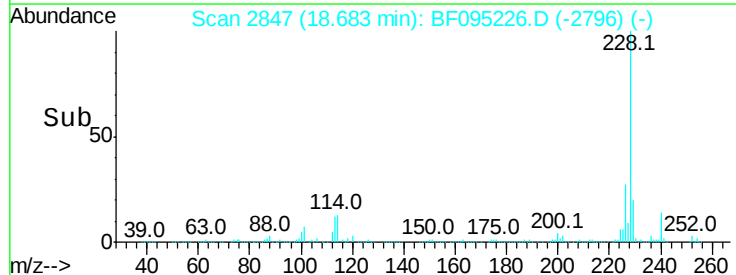
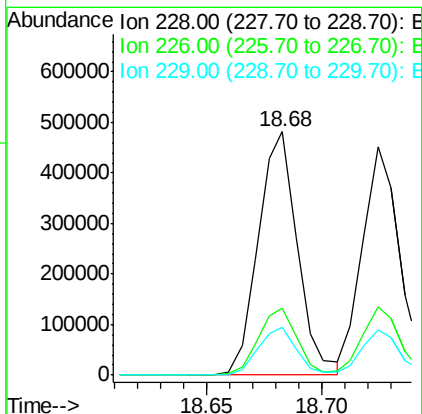
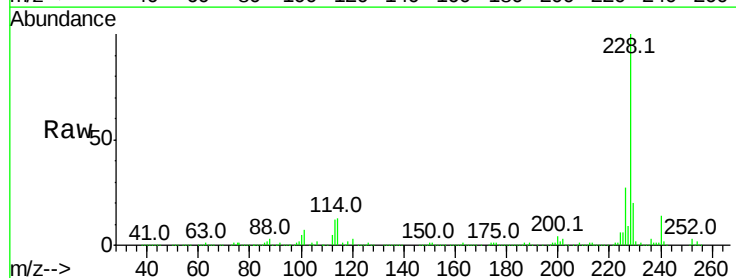
Instrument :
BNA_F
ClientSampleId :
PB99052BS

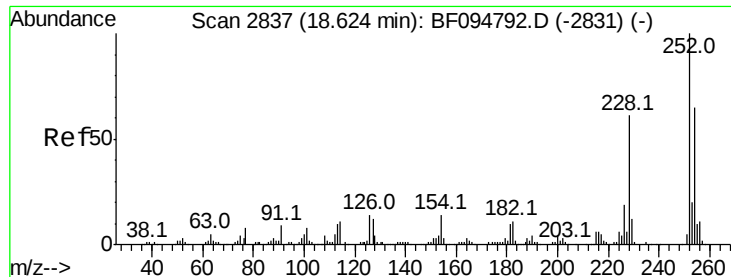
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.6	45.0	67.4
206	17.5	17.0	25.6



#80
Benzo(a)anthracene
Concen: 39.81 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.00 min
Lab File: BF095226.D
Acq: 18 May 2017 17:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.9	16.3	24.5

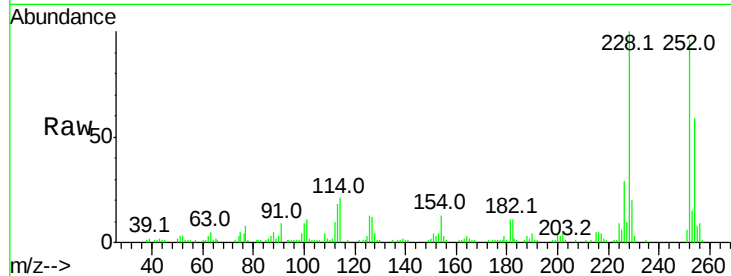




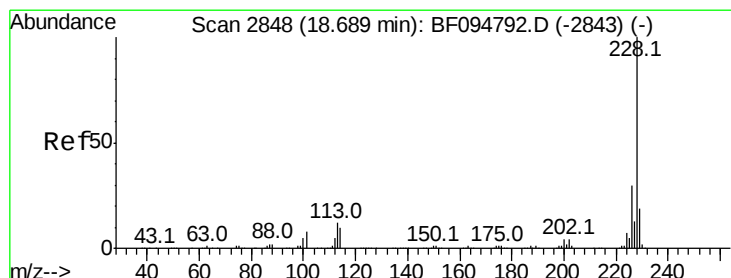
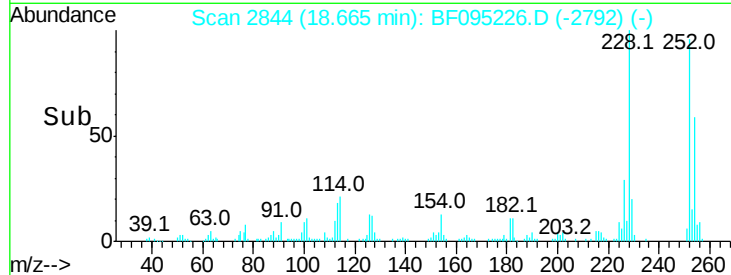
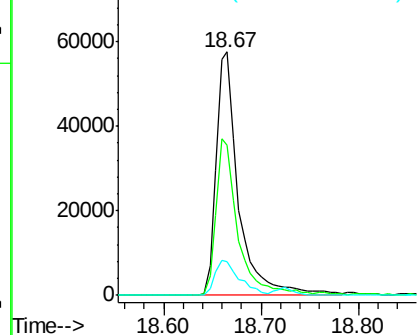
#81
 3,3'-Dichlorobenzidine
 Concen: 18.45 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. 0.01 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Instrument :
 BNA_F
 ClientSampleId :
 PB99052BS

Tot Ion:252 Resp: 91127
 Ion Ratio Lower Upper
 252 100
 254 61.5 51.5 77.3
 126 13.7 15.8 23.8#

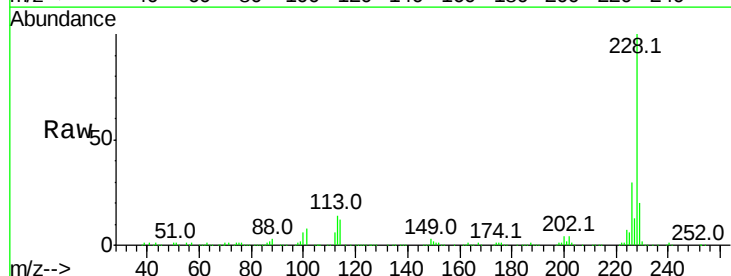


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

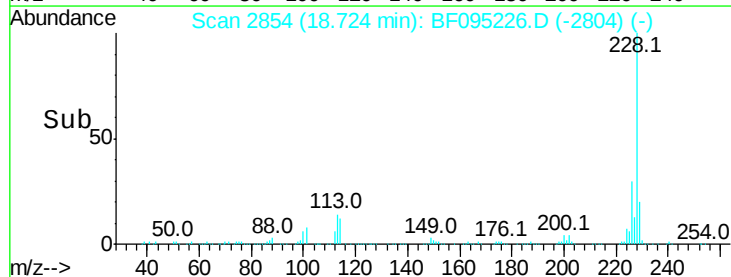
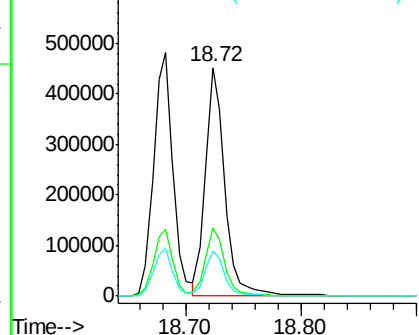


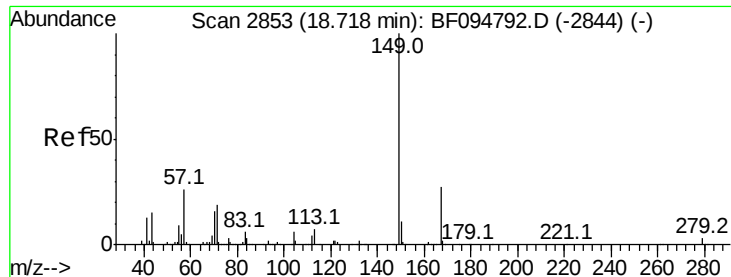
#82
 Chrysene
 Concen: 38.44 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Tgt Ion:228 Resp: 531542
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.9 37.3
 229 19.5 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

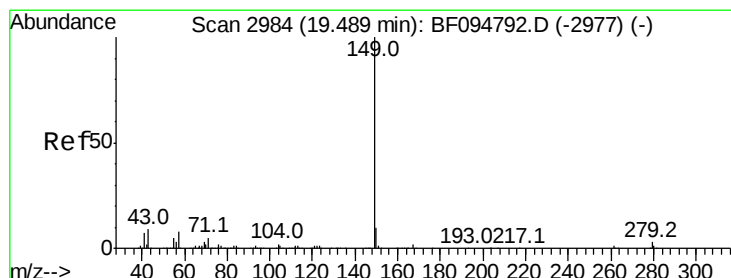
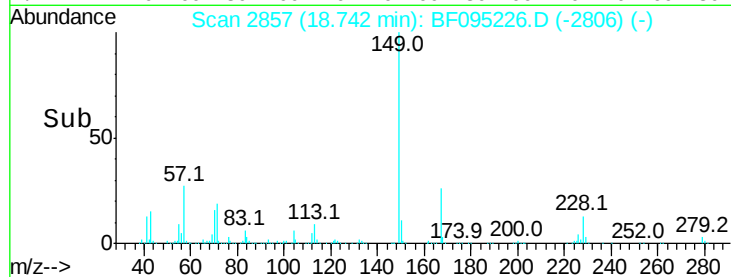
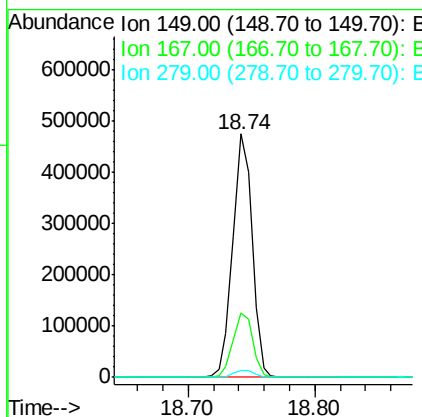
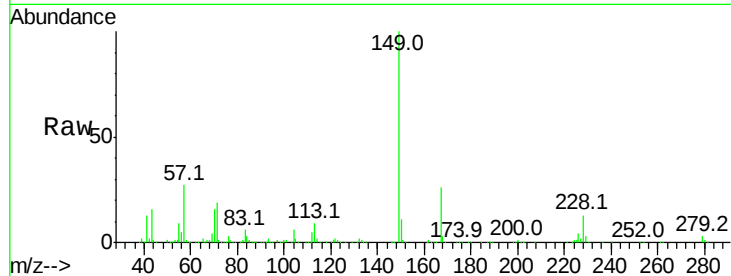




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.16 ng
 RT: 18.74 min Scan# 2857
 Delta R.T. 0.00 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

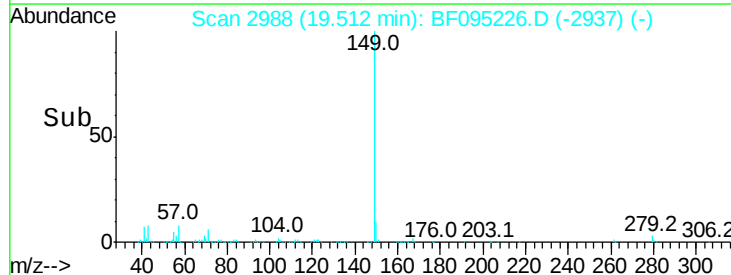
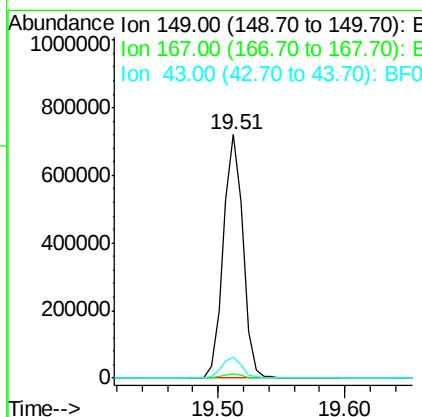
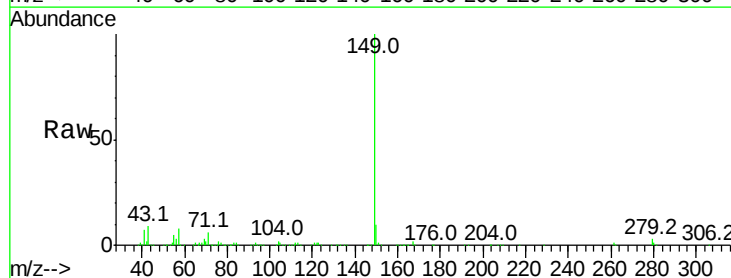
Instrument :
 BNA_F
 ClientSampleId :
 PB99052BS

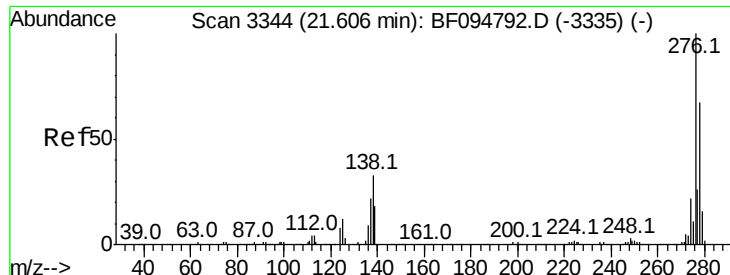
Tot Ion:149 Resp: 501244
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 38.63 ng
 RT: 19.51 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Tgt Ion:149 Resp: 771374
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.8 8.5 12.7

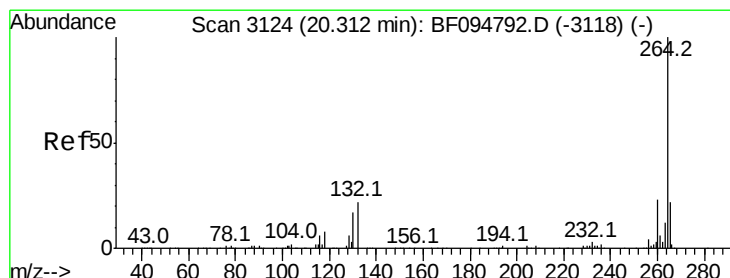
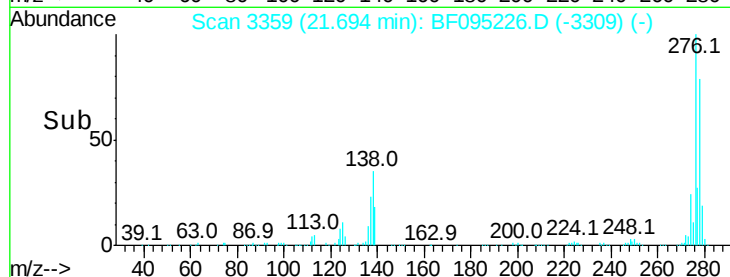
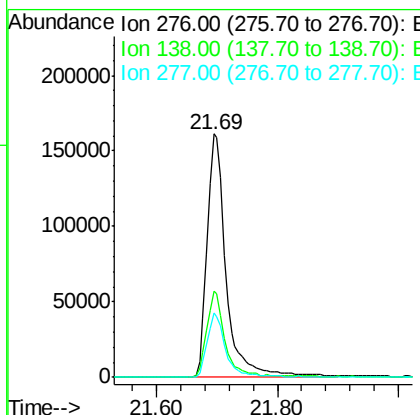
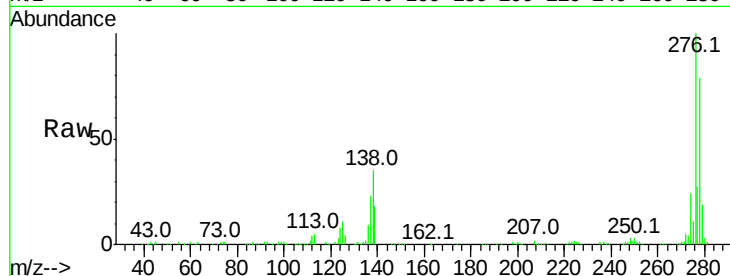




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.90 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. -0.01 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

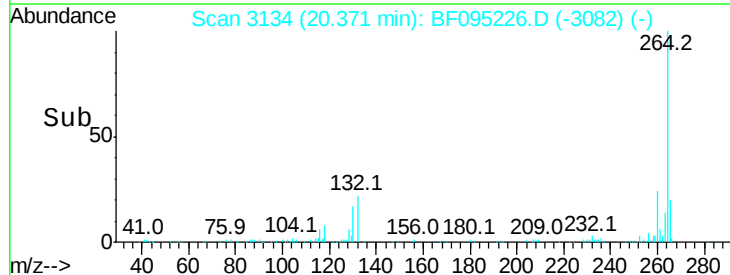
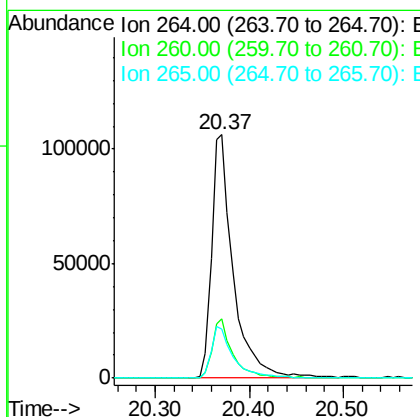
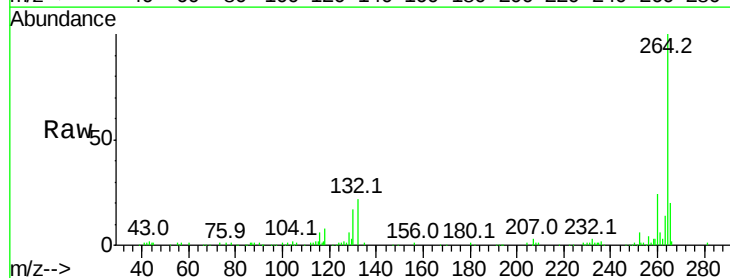
Instrument :
 BNA_F
 ClientSampleId :
 PB99052BS

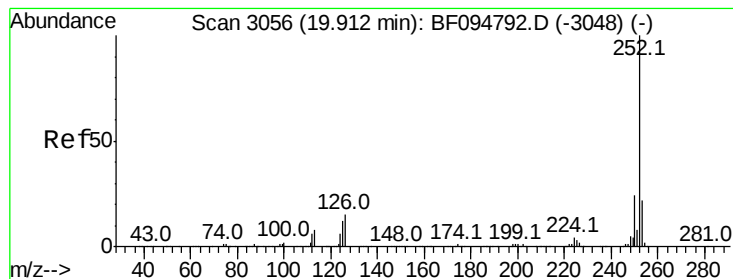
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.5	27.8	41.6
277	25.4	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095226.D
 Acq: 18 May 2017 17:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.53 ng

RT: 19.95 min Scan# 3063

Delta R.T. -0.01 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB99052BS

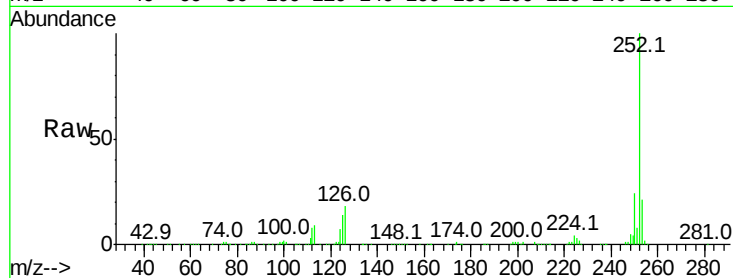
Tot Ion:252 Resp: 410222

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

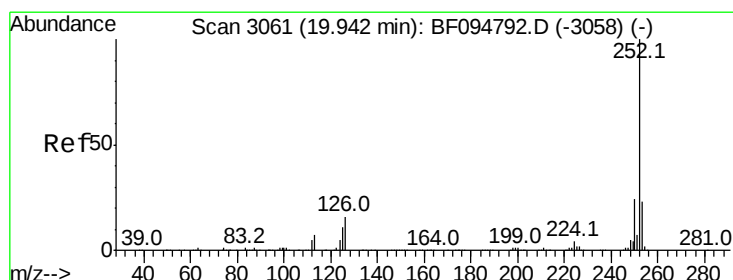
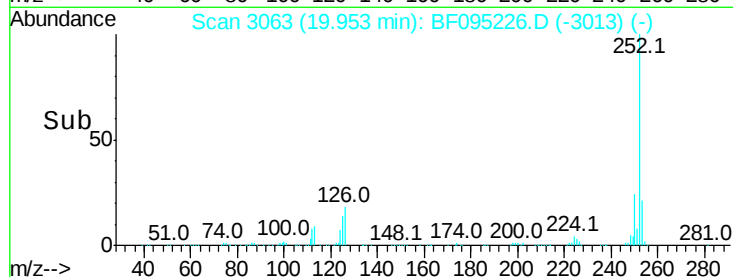
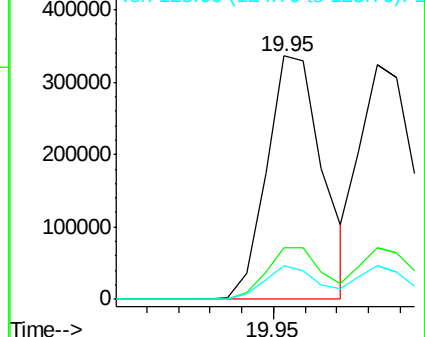
125 13.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.12 ng

RT: 19.98 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

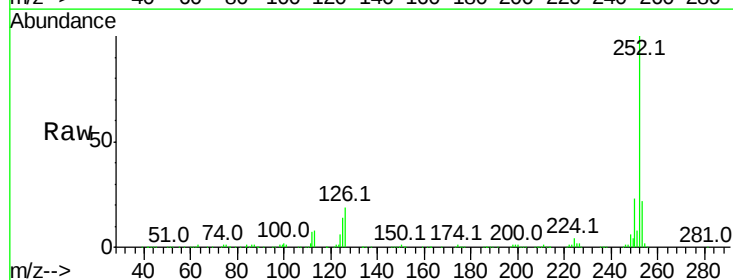
Tgt Ion:252 Resp: 432574

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

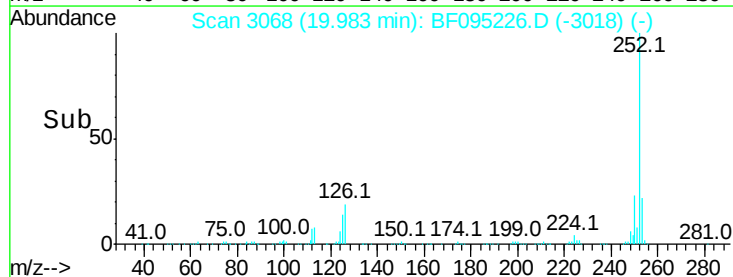
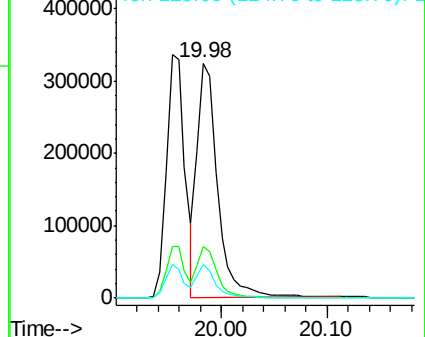
125 14.1 13.1 19.7

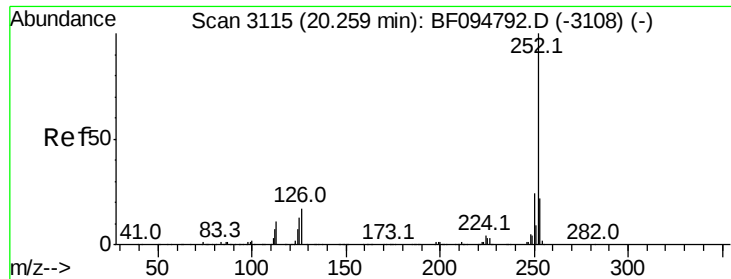


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.40 ng

RT: 20.31 min Scan# 3124

Delta R.T. 0.00 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB99052BS

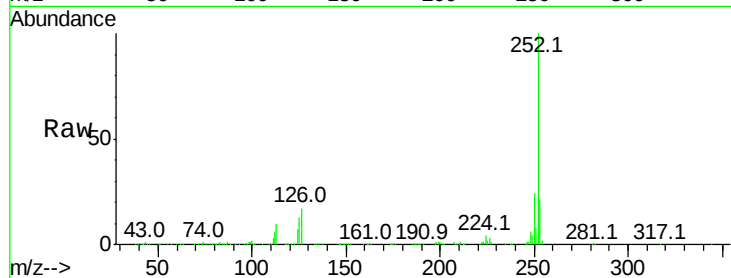
Tot Ion:252 Resp: 387082

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

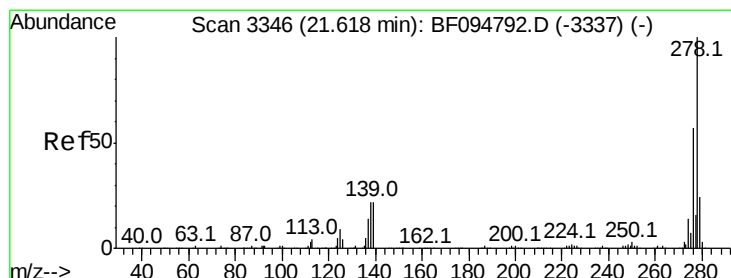
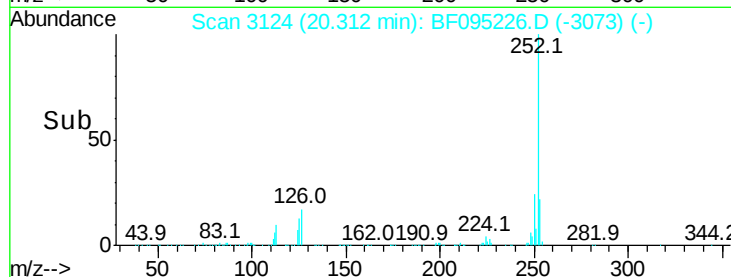
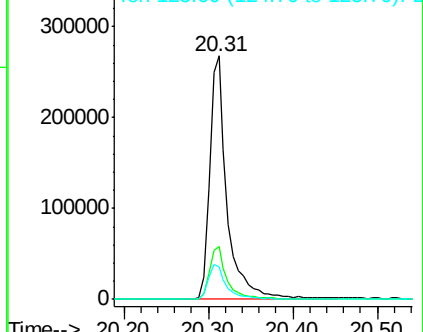
125 13.4 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.44 ng

RT: 21.70 min Scan# 3360

Delta R.T. 0.00 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

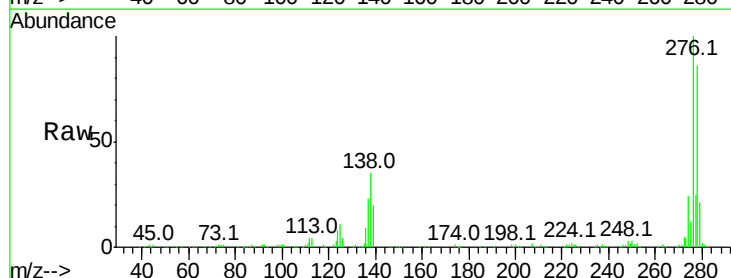
Tgt Ion:278 Resp: 295716

Ion Ratio Lower Upper

278 100

139 23.2 16.6 24.8

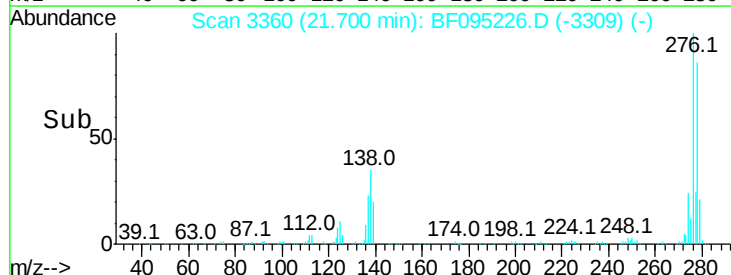
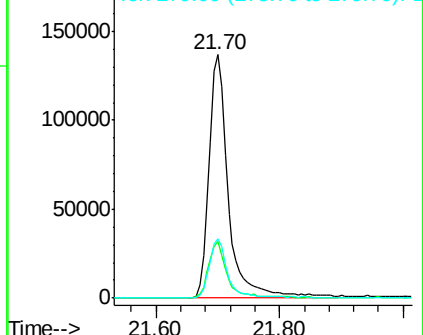
279 24.3 19.3 28.9

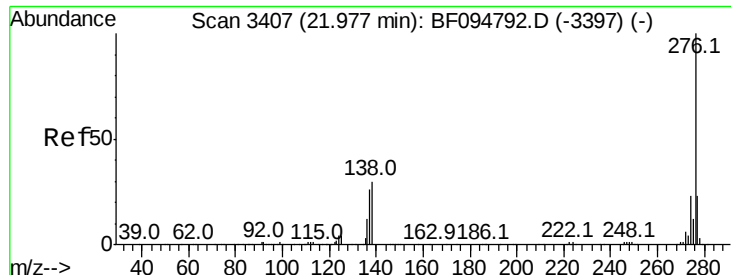


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.34 ng

RT: 22.08 min Scan# 3425

Delta R.T. 0.00 min

Lab File: BF095226.D

Acq: 18 May 2017 17:10

Instrument :

BNA_F

ClientSampleId :

PB99052BS

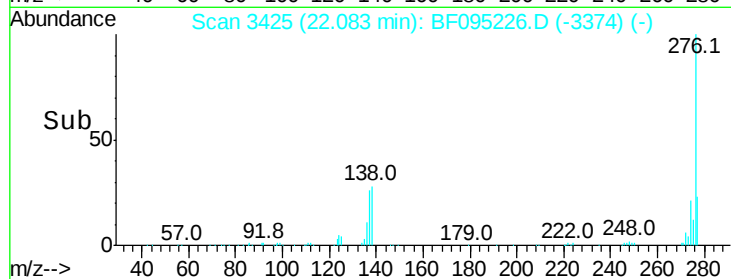
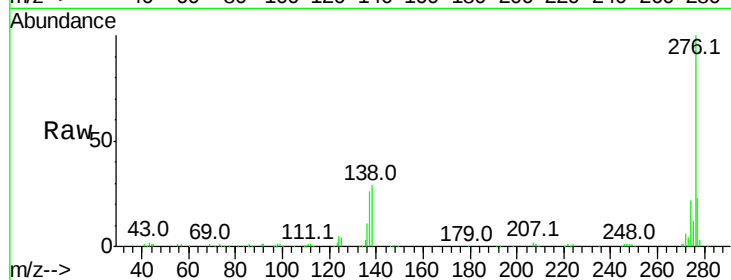
Tot Ion: 276 Resp: 305332

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 28.7 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

