

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095229.D
 Acq On : 18 May 2017 18:49
 Operator : SJ/MA
 Sample : I3140-18MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 01:04:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	98889	20.00	ng	0.01
21) Naphthalene-d8	9.78	136	401139	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	186737	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	336367	20.00	ng	0.00
75) Chrysene-d12	18.69	240	226685	20.00	ng	0.00
86) Perylene-d12	20.37	264	129052	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.77	112	778284	131.21	ng	0.03
7) Phenol-d6	7.32	99	903718	126.98	ng	0.01
23) Nitrobenzene-d5	8.68	82	597494	93.93	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	220208	143.99	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1179727	90.93	ng	0.00
78) Terphenyl-d14	17.35	244	1014426	98.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	95572	32.85	ng	# 83
3) Pyridine	3.10	79	115370	17.11	ng	97
4) n-Nitrosodimethylamine	2.98	42	95674	34.04	ng	# 76
6) Aniline	7.30	93	112319	12.50	ng	97
8) 2-Chlorophenol	7.47	128	300633	44.53	ng	95
9) Benzaldehyde	7.11	77	73450	16.90	ng	99
10) Phenol	7.34	94	288681	38.49	ng	92
11) bis(2-Chloroethyl)ether	7.41	93	266297	43.01	ng	94
12) 1,3-Dichlorobenzene	7.68	146	296202	38.68	ng	98
13) 1,4-Dichlorobenzene	7.80	146	309360	39.83	ng	97
14) 1,2-Dichlorobenzene	8.04	146	293428	40.48	ng	96
15) Benzyl Alcohol	8.07	79	231810	50.64	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.26	45	362926	41.42	ng	82
17) 2-Methylphenol	8.27	107	246253	44.57	ng	97
18) Hexachloroethane	8.55	117	101170	38.45	ng	87
19) n-Nitroso-di-n-propylamine	8.48	70	219455	45.59	ng	92
20) 3+4-Methylphenols	8.54	107	315569	42.03	ng	# 59
22) Acetophenone	8.45	105	438322	45.54	ng	# 84
24) Nitrobenzene	8.71	77	302889	45.43	ng	94
25) Isophorone	9.11	82	552877	48.67	ng	95
26) 2-Nitrophenol	9.21	139	170429	47.37	ng	96
27) 2,4-Dimethylphenol	9.34	122	268152	46.10	ng	98
28) bis(2-Chloroethoxy)methane	9.47	93	347116	44.17	ng	99
29) 2,4-Dichlorophenol	9.64	162	248407	45.23	ng	99
30) 1,2,4-Trichlorobenzene	9.71	180	252319	42.88	ng	98
31) Naphthalene	9.82	128	897154	44.50	ng	99
32) Benzoic acid	9.69	122	153323	40.98	ng	96
33) 4-Chloroaniline	10.02	127	36691	4.88	ng	# 94
34) Hexachlorobutadiene	10.04	225	127198	40.97	ng	98
35) Caprolactam	10.62	113	28528	17.30	ng	87
36) 4-Chloro-3-methylphenol	10.82	107	274759	46.79	ng	87
37) 2-Methylnaphthalene	10.95	142	642704	48.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	246522	42.93	ng	99
40) Hexachlorocyclopentadiene	11.20	237	160457	67.49	ng	99

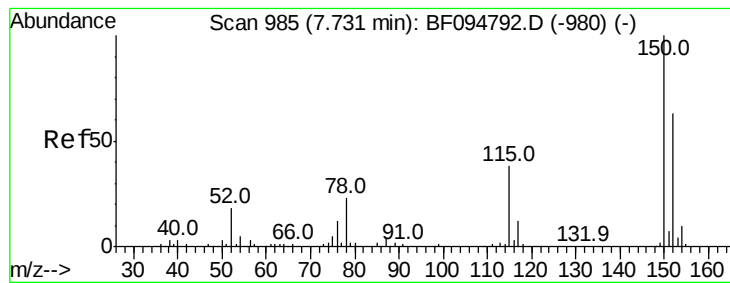
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095229.D
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Quant Time: May 19 01:04:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	179553	46.83	nq	97
43) 2,4,5-Trichlorophenol	11.55	196	170691	41.42	nq	# 93
45) 1,1'-Biphenyl	11.71	154	709288	45.11	nq	98
46) 2-Chloronaphthalene	11.73	162	553048	43.56	nq	95
47) 2-Nitroaniline	11.95	65	150821	43.41	nq	88
48) Acenaphthylene	12.39	152	887646	44.64	nq	99
49) Dimethylphthalate	12.27	163	667677	43.55	nq	99
50) 2,6-Dinitrotoluene	12.36	165	149185	47.70	nq	96
51) Acenaphthene	12.67	154	527910	44.45	nq	100
52) 3-Nitroaniline	12.65	138	41775	12.44	nq	83
53) 2,4-Dinitrophenol	12.84	184	152641	87.94	nq	# 68
54) Dibenzofuran	12.96	168	811079	49.35	nq	99
55) 4-Nitrophenol	13.03	139	138804	68.85	nq	# 67
56) 2,4-Dinitrotoluene	13.02	165	196916	49.00	nq	# 87
57) Fluorene	13.52	166	642790	44.98	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	126455	48.76	nq	95
59) Diethylphthalate	13.41	149	637000	43.35	nq	98
60) 4-Chlorophenyl-phenylether	13.54	204	286816	45.67	nq	91
61) 4-Nitroaniline	13.64	138	90196	29.27	nq	96
62) Azobenzene	13.79	77	581769	49.27	nq	94
64) 4,6-Dinitro-2-methylphenol	13.69	198	103322	45.82	nq	# 65
65) n-Nitrosodiphenylamine	13.75	169	453293	37.13	nq	99
66) 4-Bromophenyl-phenylether	14.32	248	162705	45.78	nq	99
67) Hexachlorobenzene	14.41	284	162552	44.63	nq	# 88
68) Atrazine	14.67	200	71791	20.83	nq	98
69) Pentachlorophenol	14.77	266	134844	81.75	nq	93
70) Phenanthrene	15.07	178	876849	45.37	nq	98
71) Anthracene	15.15	178	861520	43.64	nq	98
72) Carbazole	15.42	167	661656	36.84	nq	97
73) Di-n-butylphthalate	15.99	149	986902	44.06	nq	98
74) Fluoranthene	16.80	202	882094	44.49	nq	100
76) Benzidine	17.07	184	1739	6.83	nq	# 1
77) Pyrene	17.11	202	870860	51.37	nq	98
79) Butylbenzylphthalate	18.00	149	398124	50.49	nq	87
80) Benzo(a)anthracene	18.68	228	608808	46.15	nq	98
81) 3,3'-Dichlorobenzidine	18.67	252	17745	3.89	nq	# 96
82) Chrysene	18.72	228	600794	47.10	nq	98
83) Bis(2-ethylhexyl)phthalate	18.75	149	569078	50.65	nq	# 98
84) Di-n-octyl phthalate	19.51	149	890061	48.32	nq	95
85) Indeno(1,2,3-cd)pyrene	21.70	276	440148	42.49	nq	99
87) Benzo(b)fluoranthene	19.96	252	405255	50.82	nq	99
88) Benzo(k)fluoranthene	19.99	252	454664	59.11	nq	# 94
89) Benzo(a)pyrene	20.31	252	391811	53.25	nq	99
90) Dibenzo(a,h)anthracene	21.70	278	354455	58.33	nq	99
91) Benzo(g,h,i)perylene	22.08	276	399237	66.95	nq	95

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

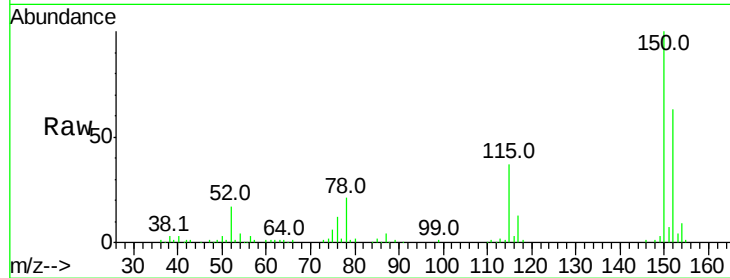


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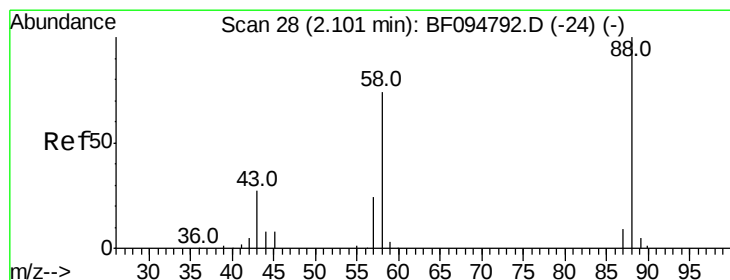
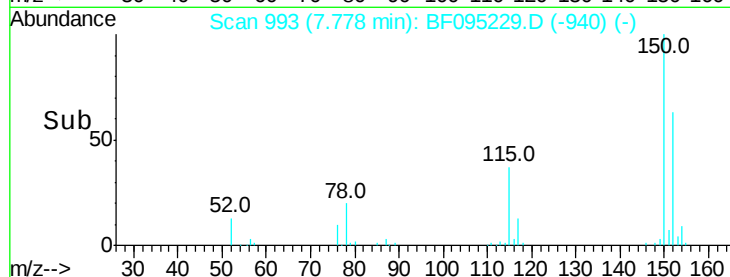
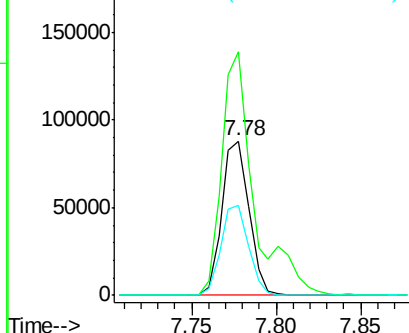
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98889
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 58.1 52.2 78.2



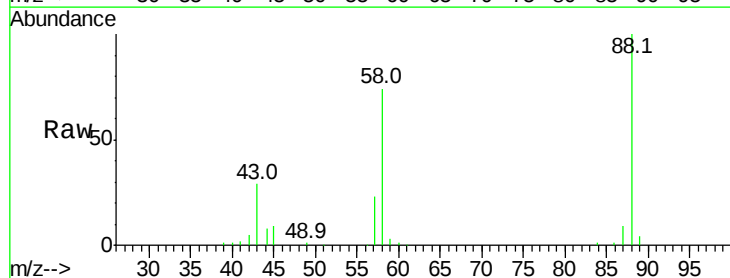
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



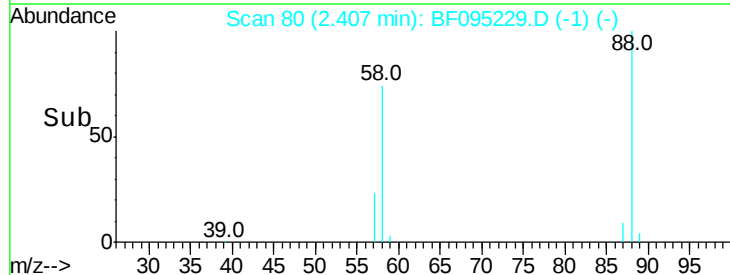
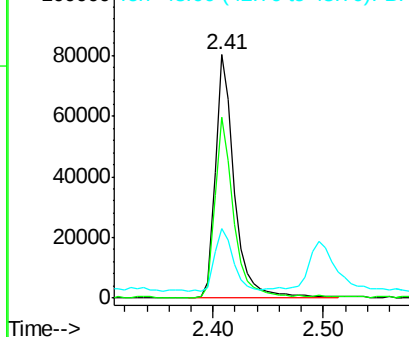
#2

1,4-Dioxane
Concen: 32.85 ng
RT: 2.41 min Scan# 80
Delta R.T. 0.18 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion: 88 Resp: 95572
Ion Ratio Lower Upper
88 100
58 74.4 61.4 92.0
43 0.0 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: 17.11 ng

RT: 3.10 min Scan# 197

Delta R.T. 0.17 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

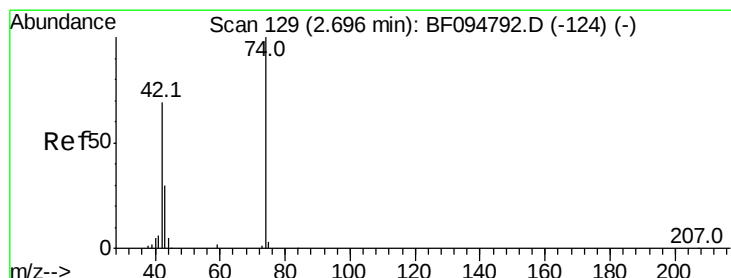
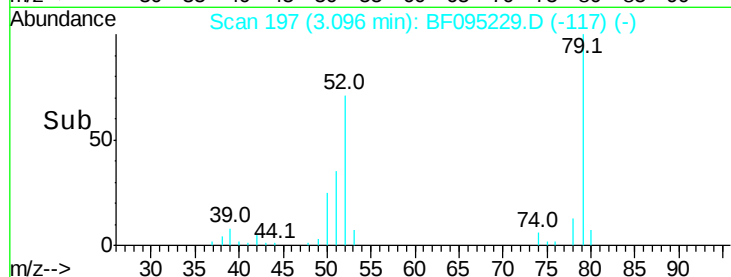
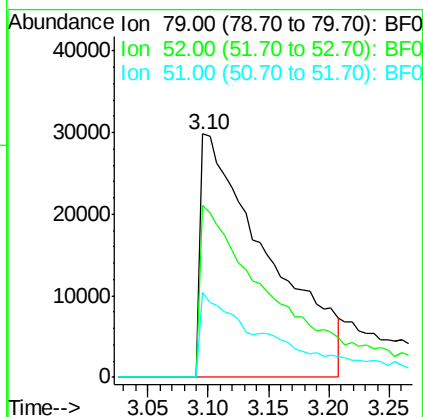
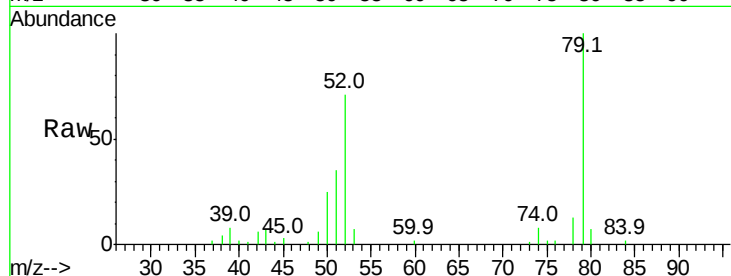
Tot Ion: 79 Resp: 115370

Ion Ratio Lower Upper

79 100

52 70.6 54.8 82.2

51 35.1 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 34.04 ng

RT: 2.98 min Scan# 177

Delta R.T. 0.13 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

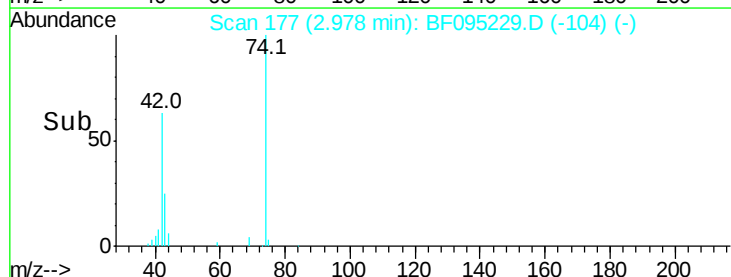
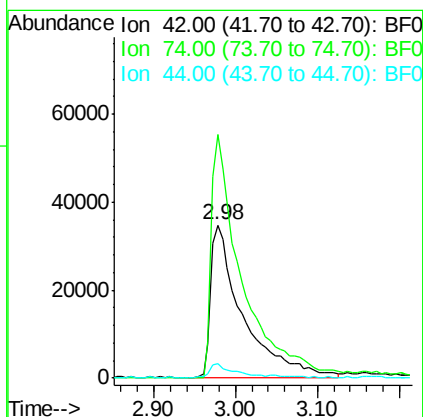
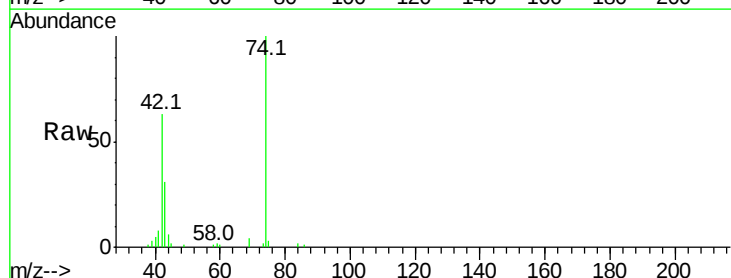
Tgt Ion: 42 Resp: 95674

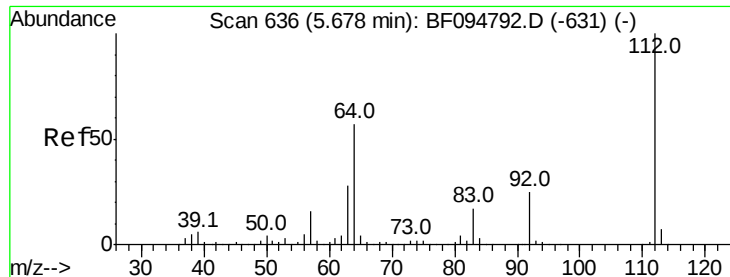
Ion Ratio Lower Upper

42 100

74 158.8 103.9 155.9#

44 9.3 5.7 8.5#





#5

2-Fluorophenol

Concen: 131.21 ng

RT: 5.77 min Scan# 651

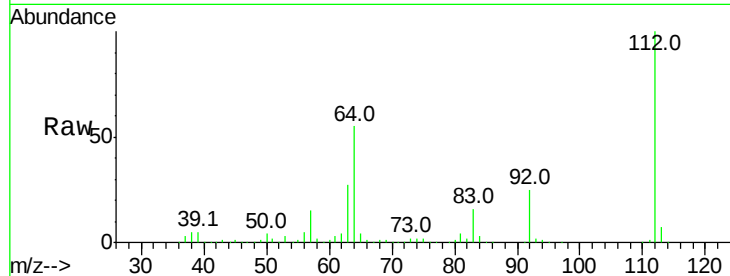
Delta R.T. 0.03 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :
BNA_F
ClientSampleId :

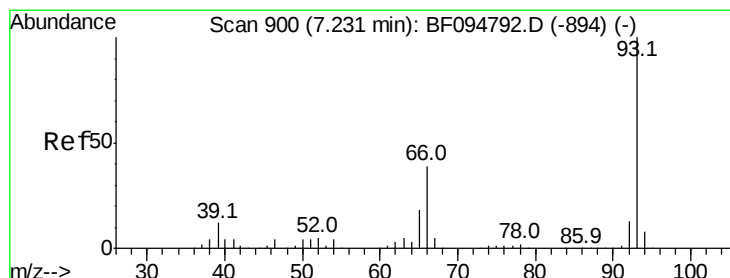
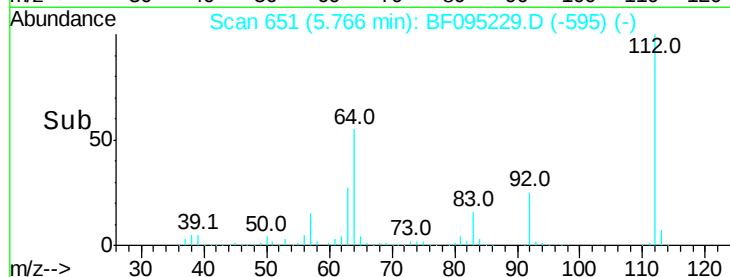
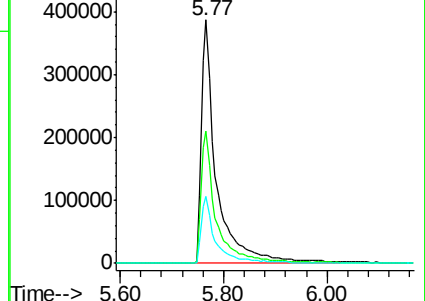
Tot Ion:	112	Resp:	778284
Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	27.3	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.50 ng

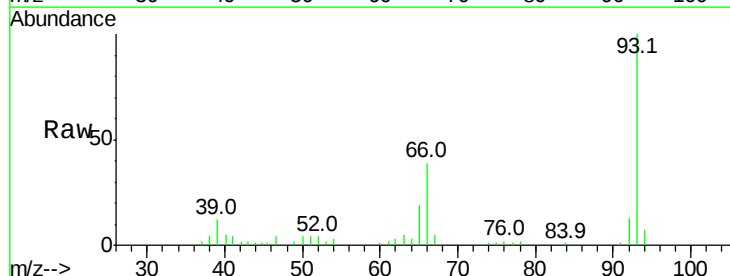
RT: 7.30 min Scan# 911

Delta R.T. 0.02 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

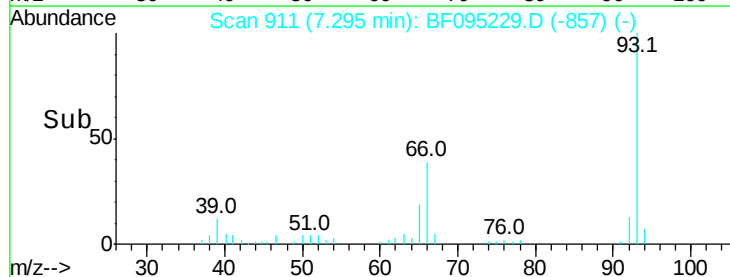
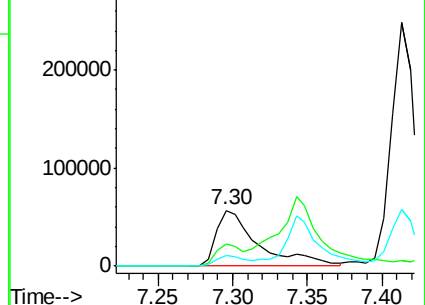
Tgt Ion:	93	Resp:	112319
Ion	Ratio	Lower	Upper
93	100		
66	39.0	32.9	49.3
65	19.3	16.0	24.0

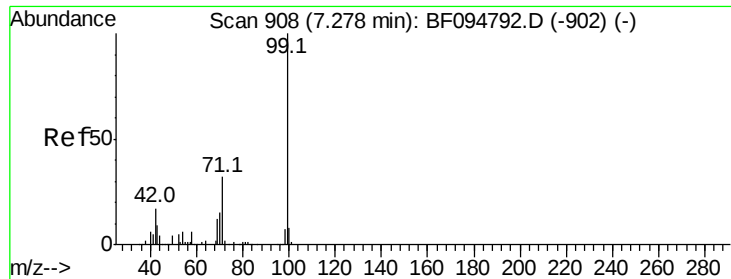


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.98 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampled :

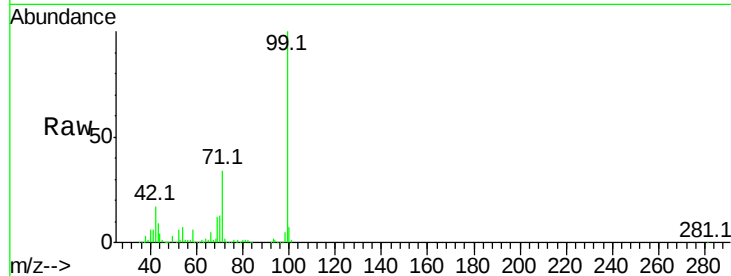
Tot Ion: 99 Resp: 903718

Ion Ratio Lower Upper

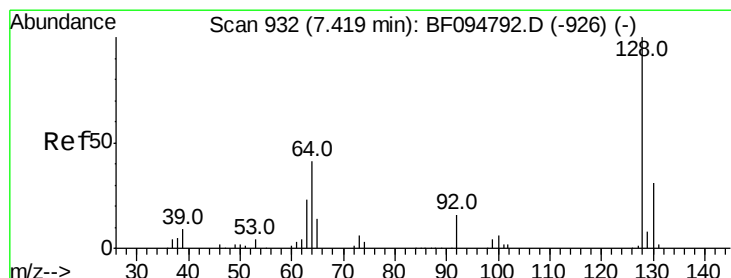
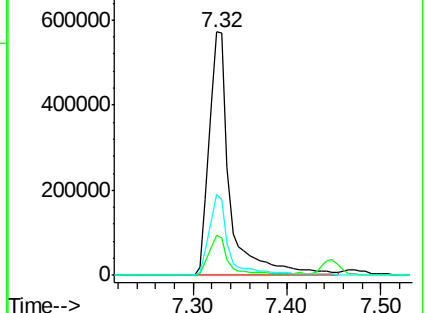
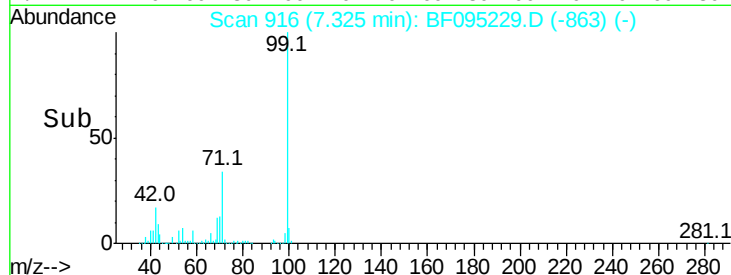
99 100

42 16.7 13.5 20.3

71 33.6 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: 44.53 ng

RT: 7.47 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

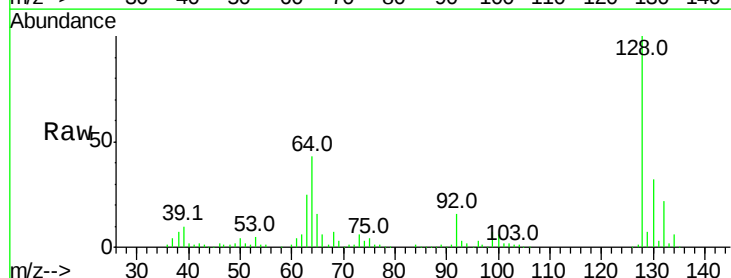
Tgt Ion: 128 Resp: 300633

Ion Ratio Lower Upper

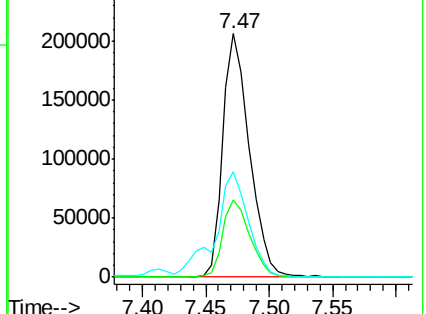
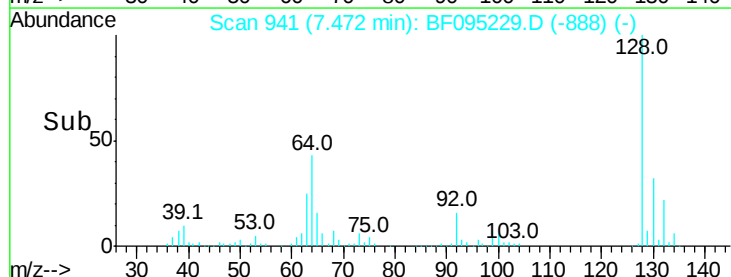
128 100

130 31.6 12.9 52.9

64 43.5 28.4 68.4



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

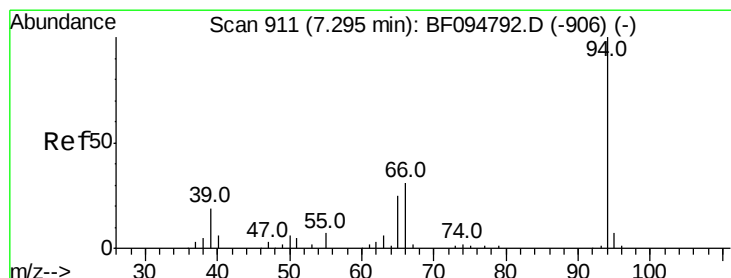
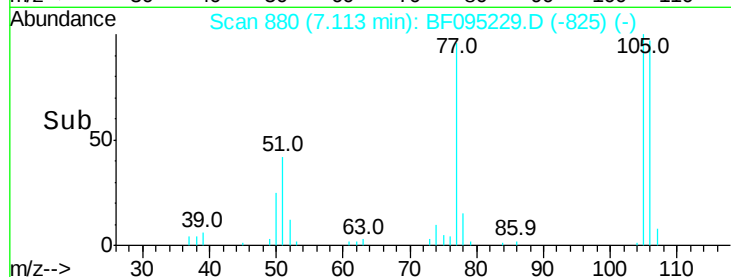
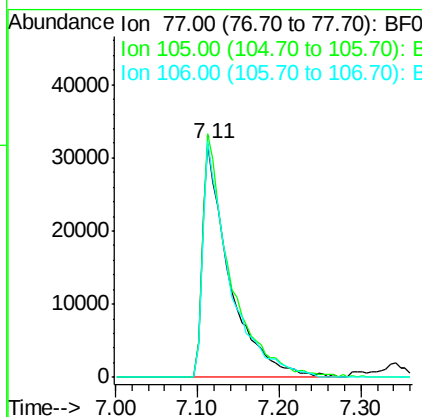
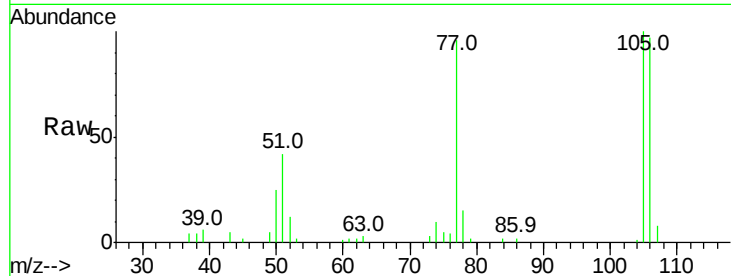




#9
Benzaldehyde
Concen: 16.90 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.02 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

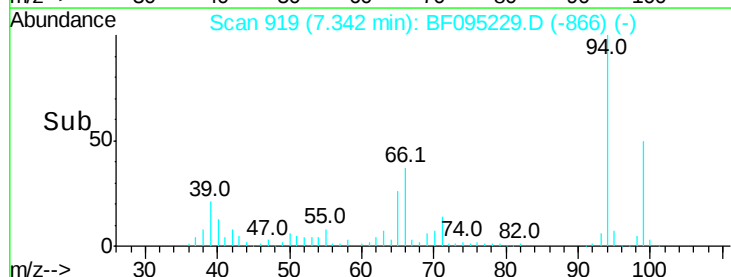
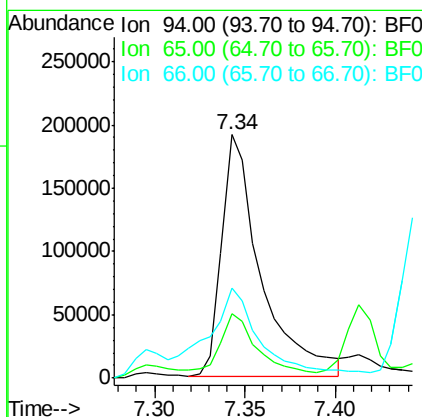
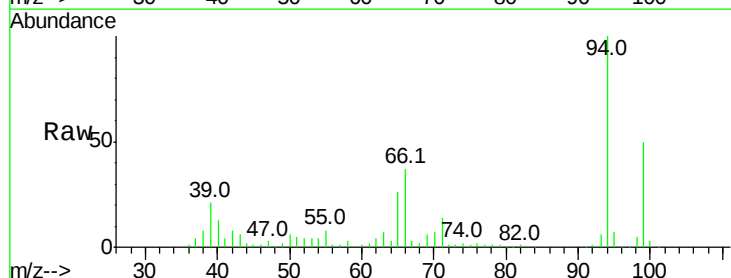
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 73450
Ion Ratio Lower Upper
77 100
105 104.1 83.8 123.8
106 100.7 79.1 119.1



#10
Phenol
Concen: 38.49 ng
RT: 7.34 min Scan# 919
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion: 94 Resp: 288681
Ion Ratio Lower Upper
94 100
65 26.4 9.9 49.9
66 37.1 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 43.01 ng

RT: 7.41 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

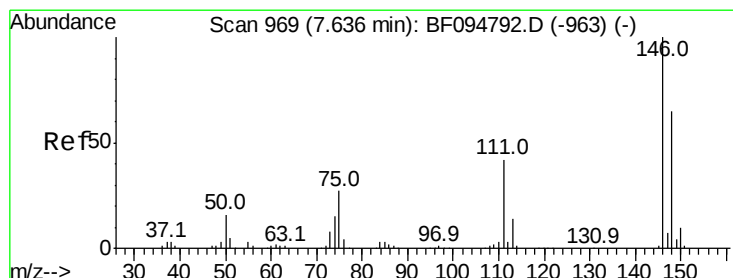
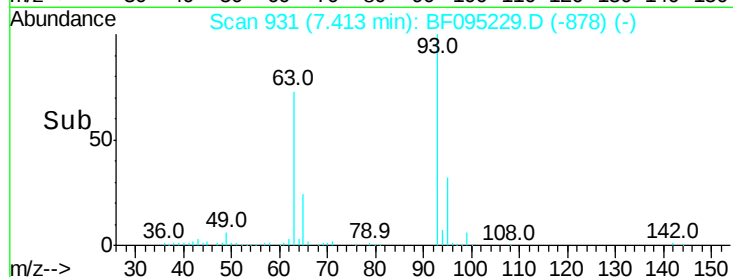
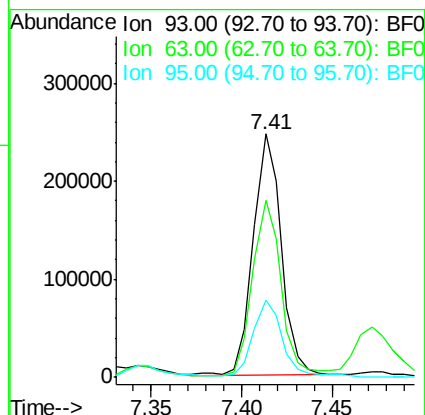
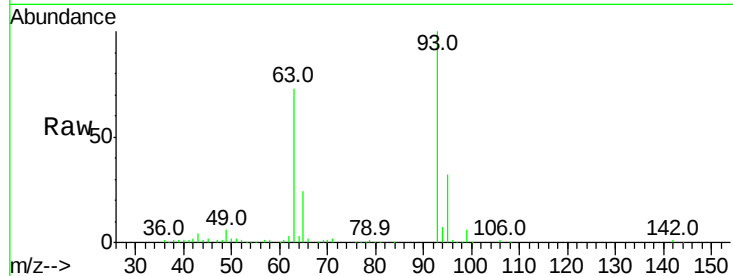
Tot Ion: 93 Resp: 266297

Ion Ratio Lower Upper

93 100

63 72.9 59.2 99.2

95 31.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.68 ng

RT: 7.68 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

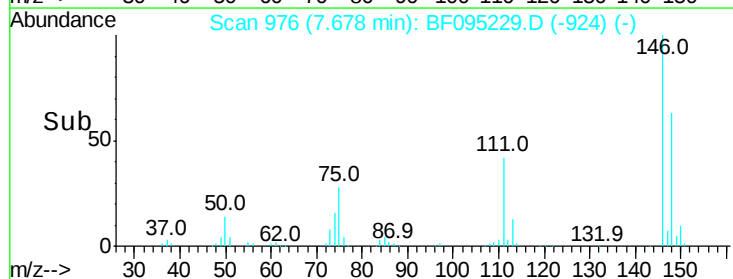
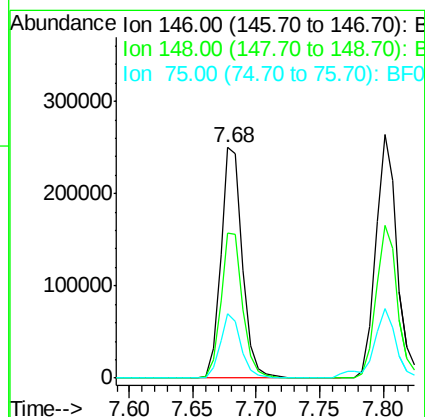
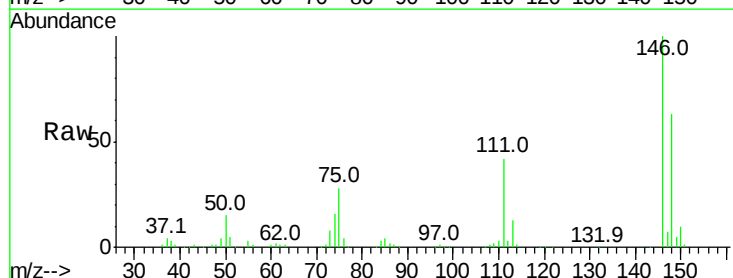
Tgt Ion: 146 Resp: 296202

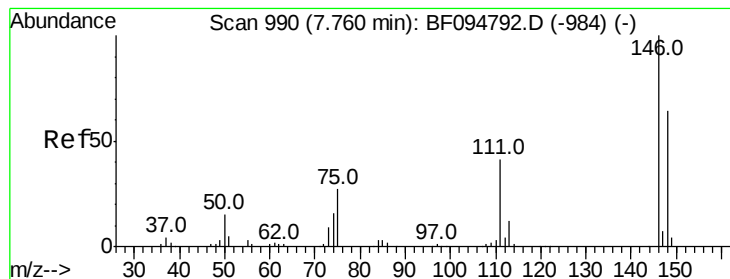
Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.6

75 28.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.83 ng

RT: 7.80 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

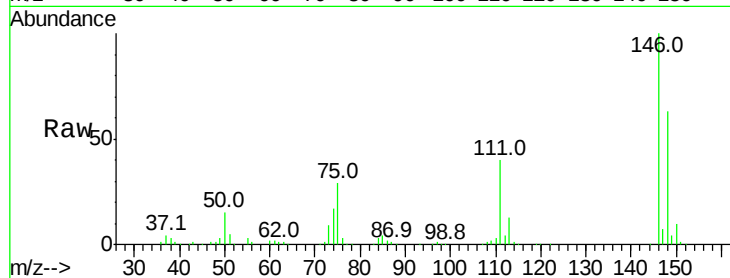
Tot Ion:146 Resp: 309360

Ion Ratio Lower Upper

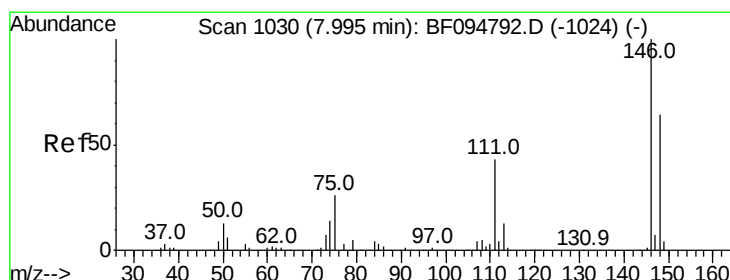
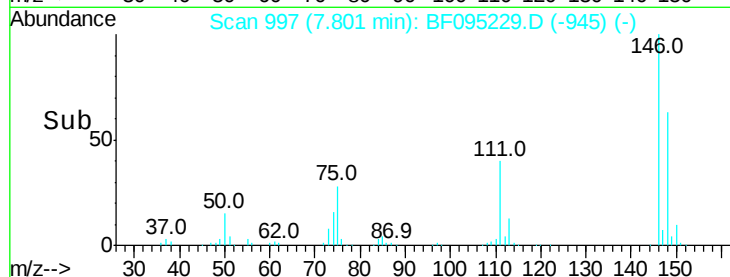
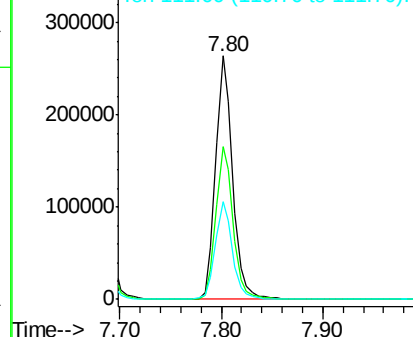
146 100

148 62.6 52.2 78.2

111 40.1 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 40.48 ng

RT: 8.04 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

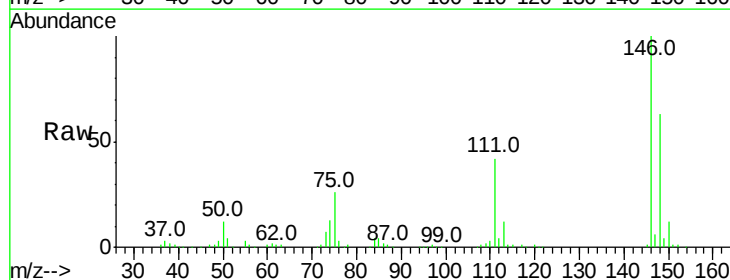
Tgt Ion:146 Resp: 293428

Ion Ratio Lower Upper

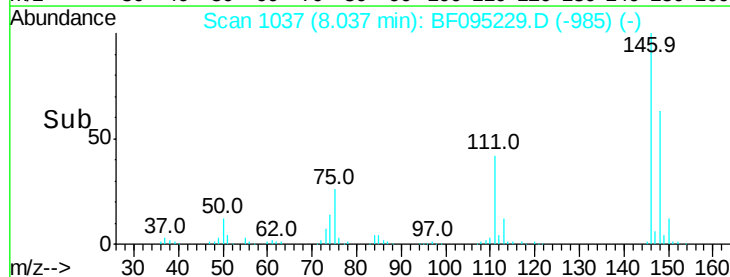
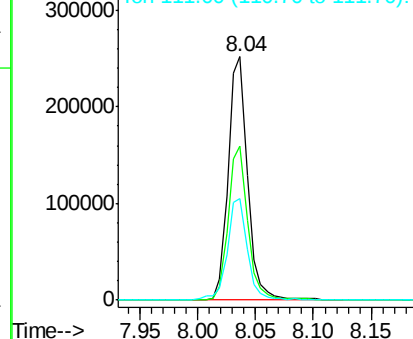
146 100

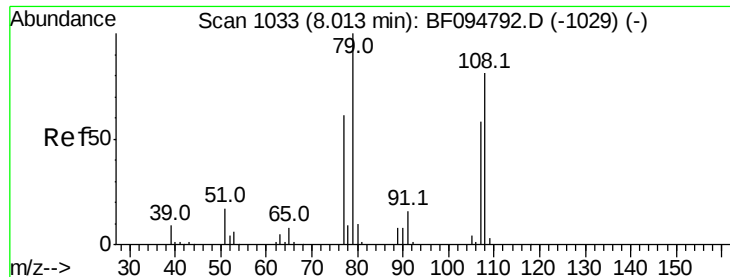
148 63.3 50.4 75.6

111 41.6 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 50.64 ng

RT: 8.07 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

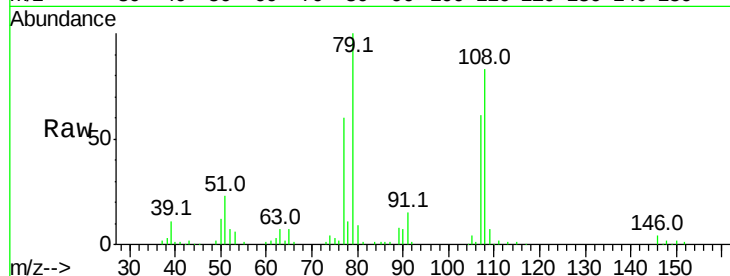
Tot Ion: 79 Resp: 231810

Ion Ratio Lower Upper

79 100

108 83.5 63.4 95.0

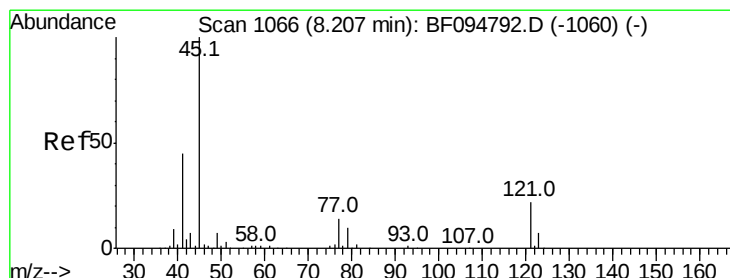
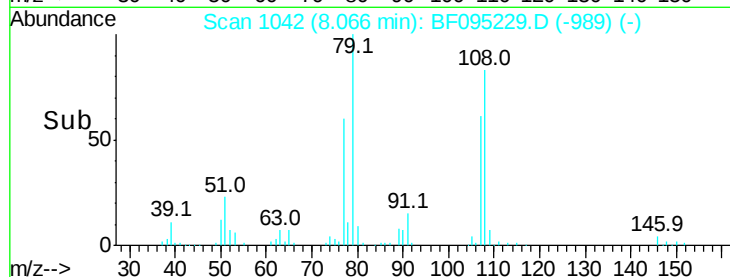
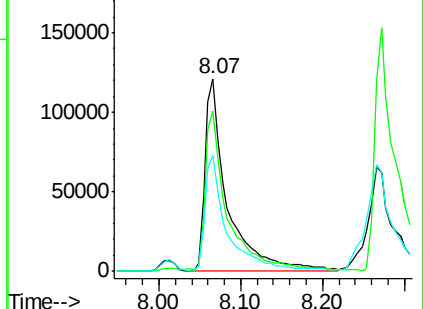
77 60.0 49.2 73.8



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: 41.42 ng

RT: 8.26 min Scan# 1075

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

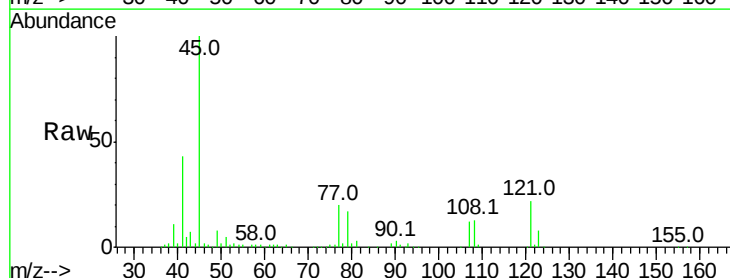
Tgt Ion: 45 Resp: 362926

Ion Ratio Lower Upper

45 100

77 20.1 0.0 33.2

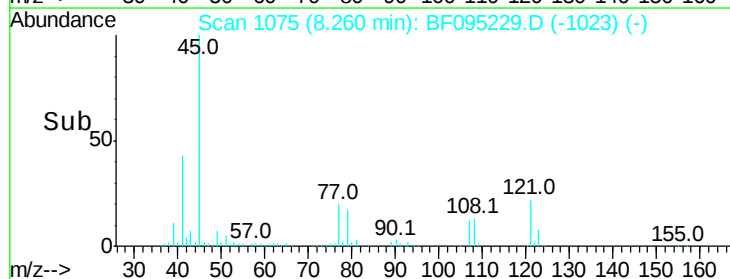
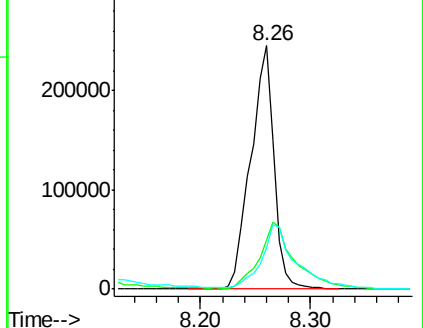
79 17.2 0.0 30.0

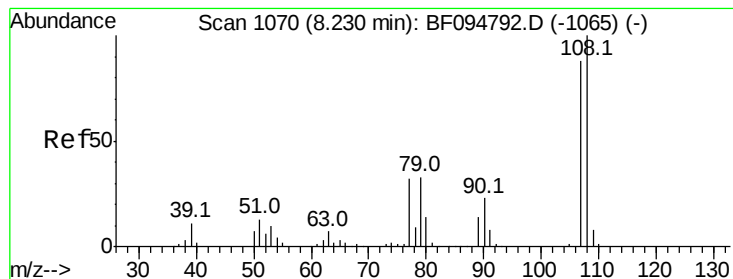


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

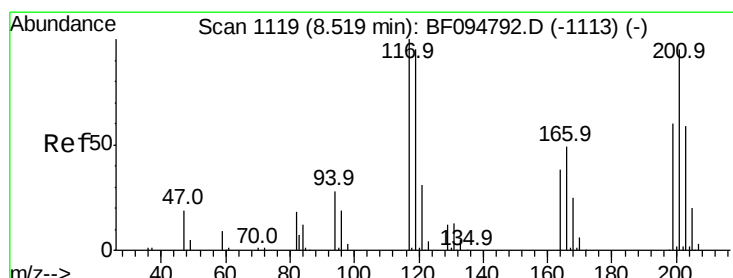
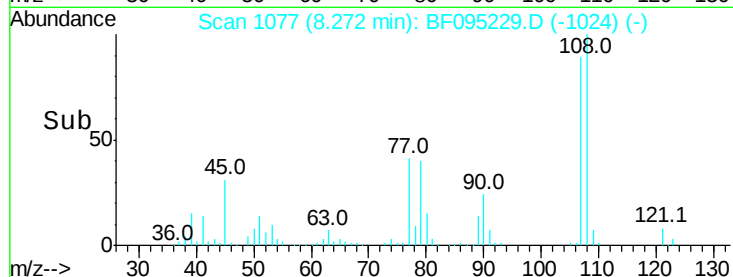
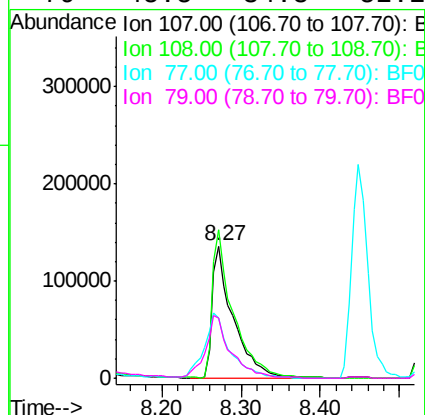
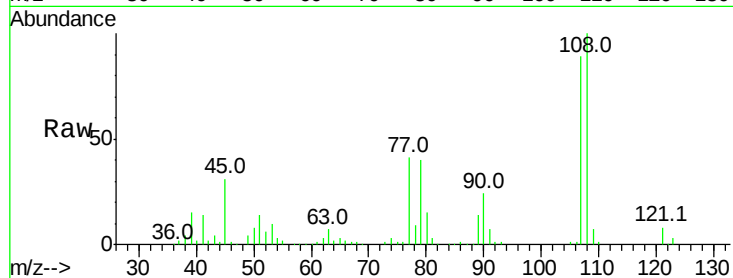




#17
2-Methylphenol
Concen: 44.57 ng
RT: 8.27 min Scan# 1077
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

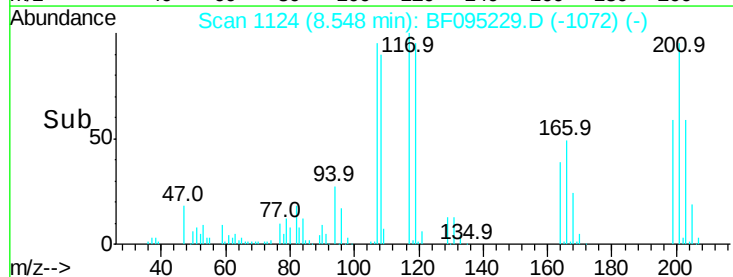
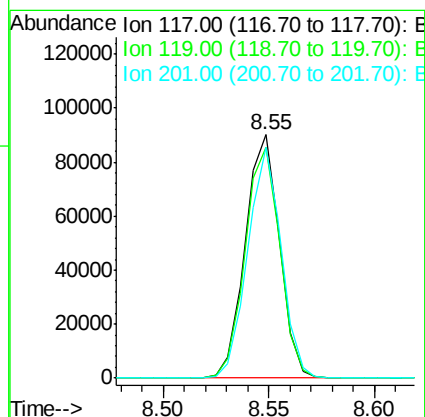
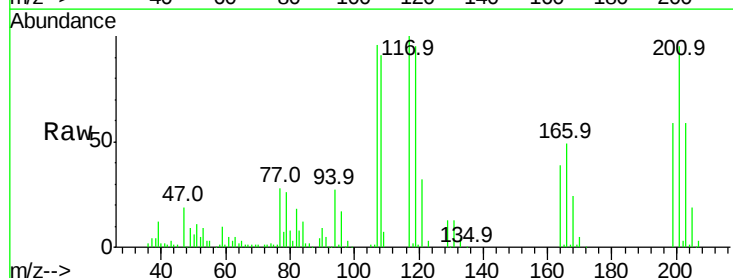
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	246253
Ion	Ratio	Lower	Upper
107	100		
108	112.3	93.4	140.0
77	45.5	35.8	53.6
79	45.5	34.8	52.2



#18
Hexachloroethane
Concen: 38.45 ng
RT: 8.55 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion:	117	Resp:	101170
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.4	116.0
201	94.7	94.6	141.8

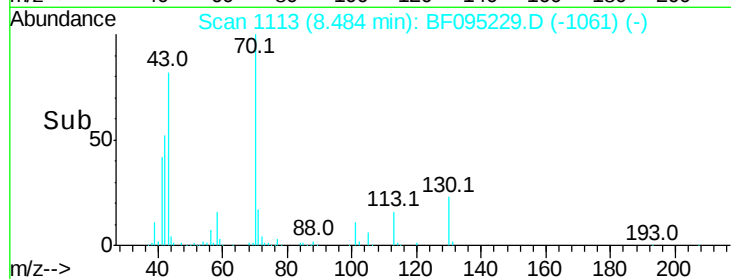
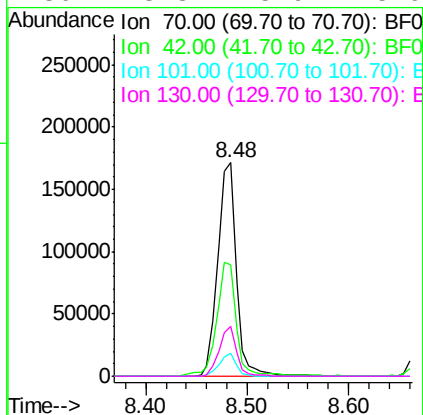
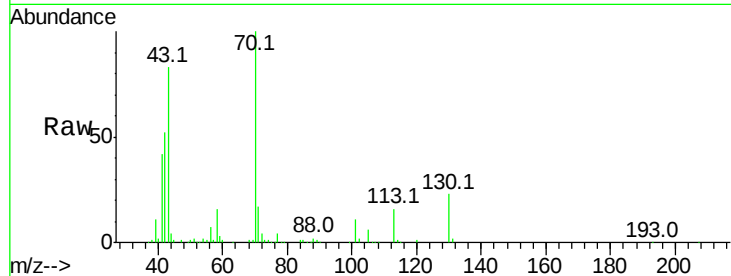




#19
n-Nitroso-di-n-propylamine
Concen: 45.59 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

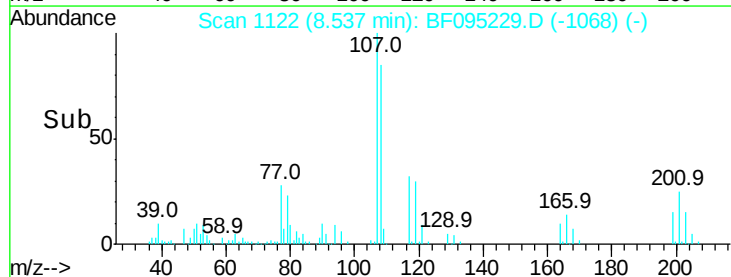
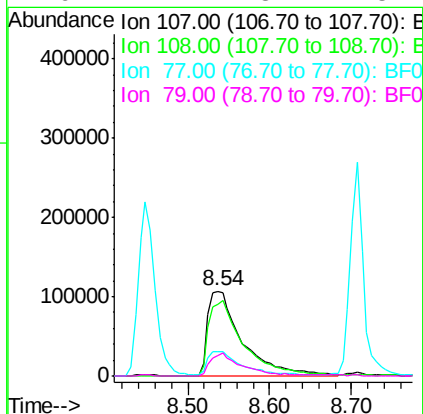
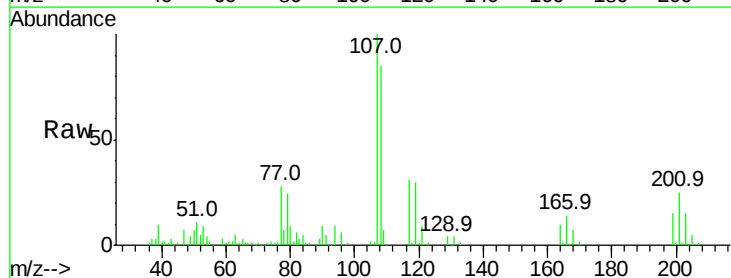
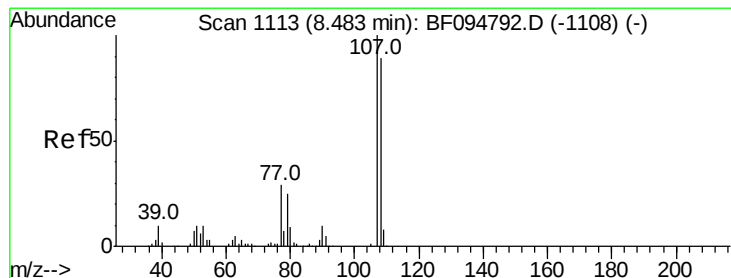
Instrument :
BNA_F
ClientSampleId :

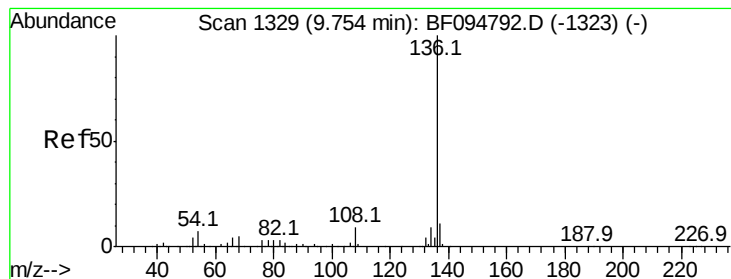
Tot Ion:	70	Resp:	219455
Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.2	70.8
101	10.7	7.2	10.8
130	23.3	15.9	23.9



#20
3+4-Methylphenols
Concen: 42.03 ng
RT: 8.54 min Scan# 1122
Delta R.T. 0.02 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion:	107	Resp:	315569
Ion	Ratio	Lower	Upper
107	100		
108	84.8	71.0	111.0
77	28.4	90.5	130.5#
79	24.1	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 401139

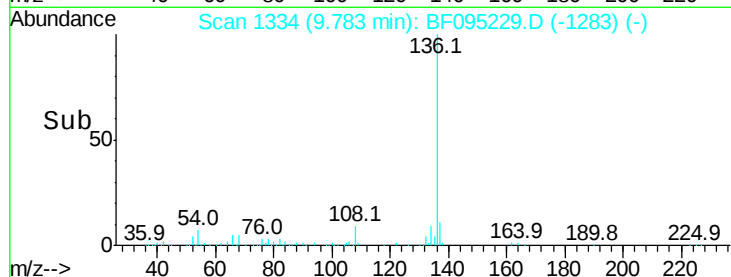
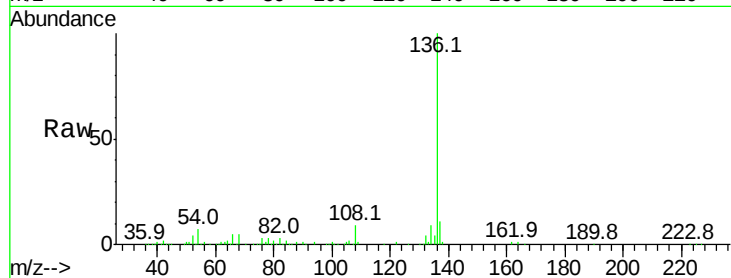
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.1 4.9 7.3

68 5.2 4.1 6.1

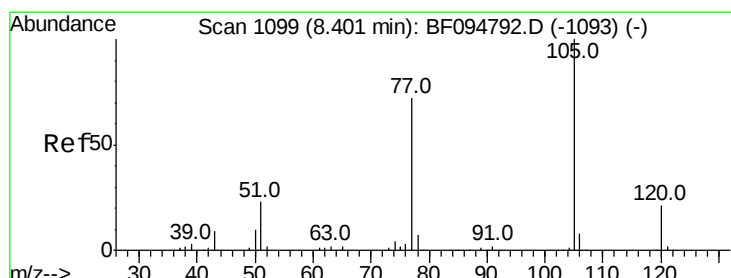
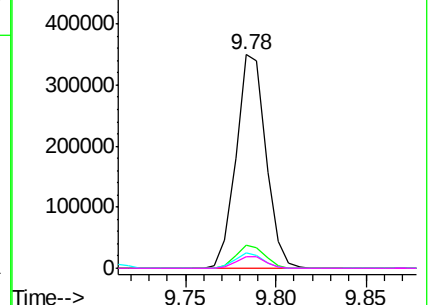


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.54 ng

RT: 8.45 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Tgt Ion:105 Resp: 438322

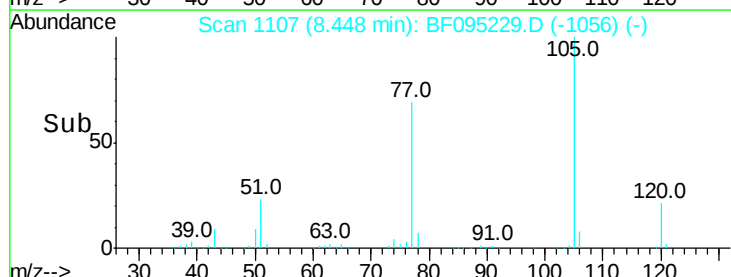
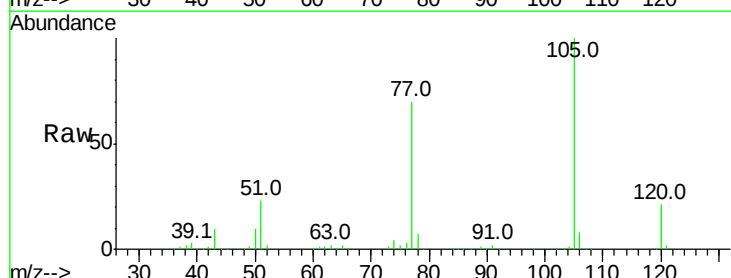
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.4 30.7 46.1#

120 21.2 17.4 26.0

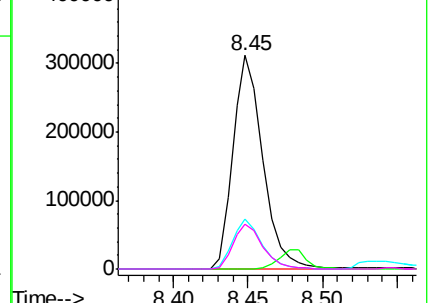


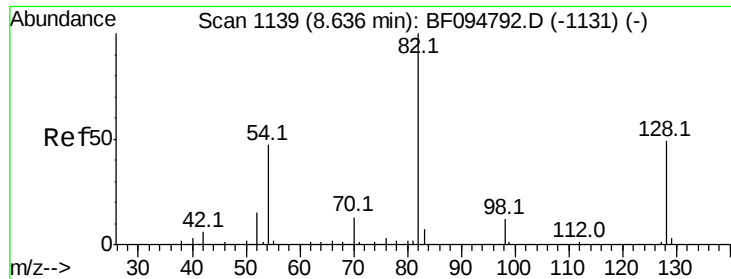
Abundance Ion 105.00 (104.70 to 105.70): E

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

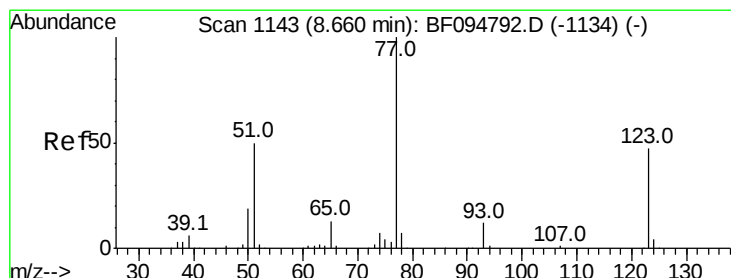
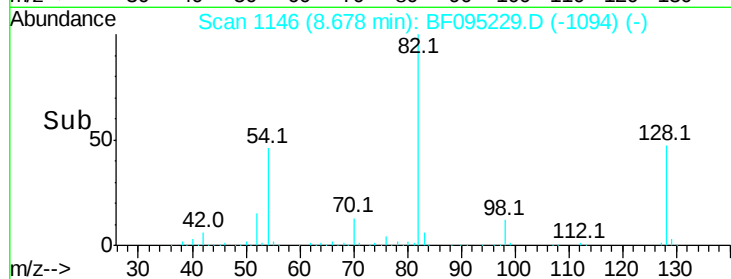
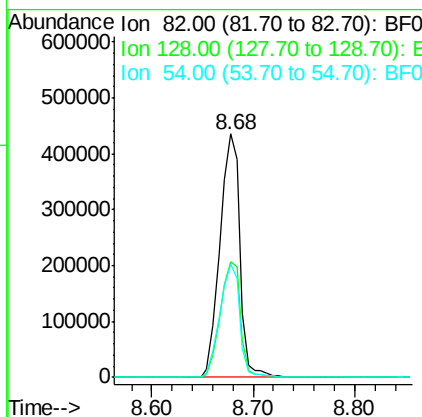
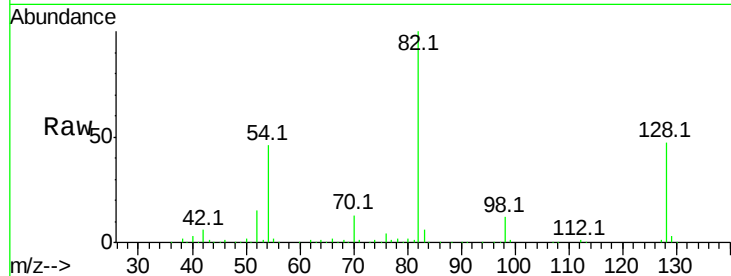




#23
 Nitrobenzene-d5
 Concen: 93.93 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

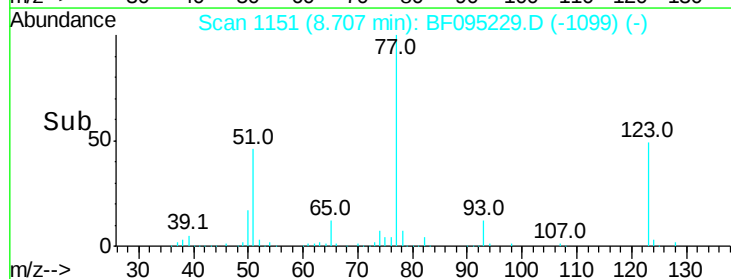
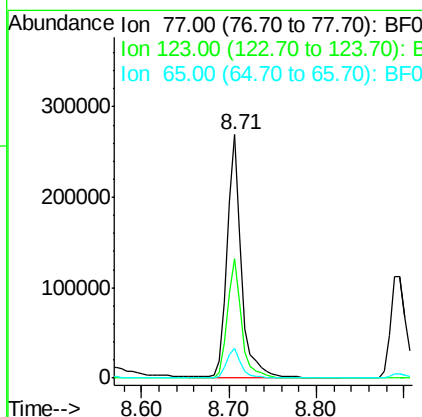
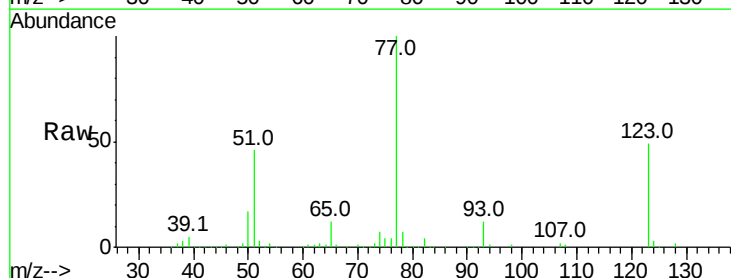
Instrument :
 BNA_F
 ClientSampled :

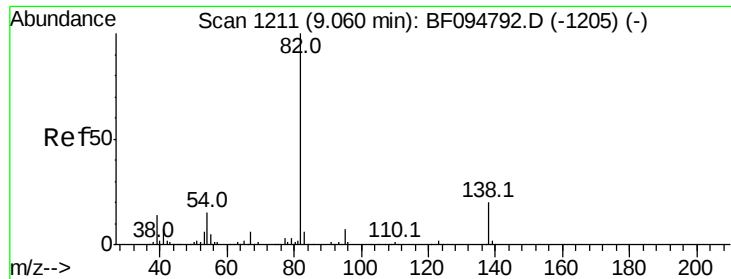
Tot Ion	82	Resp	597494
Ion Ratio	Lower	Upper	
82	100		
128	47.4	34.0	51.0
54	46.4	42.2	63.2



#24
 Nitrobenzene
 Concen: 45.43 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion	77	Resp	302889
Ion Ratio	Lower	Upper	
77	100		
123	49.2	35.8	53.8
65	12.3	10.6	15.8

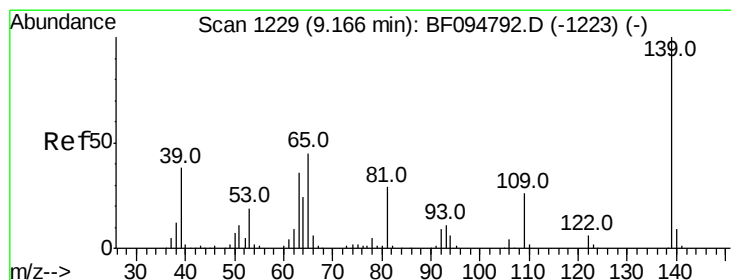
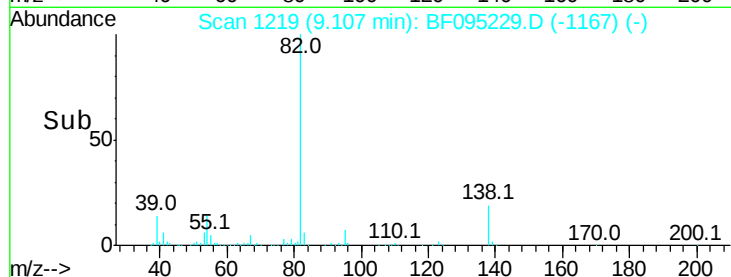
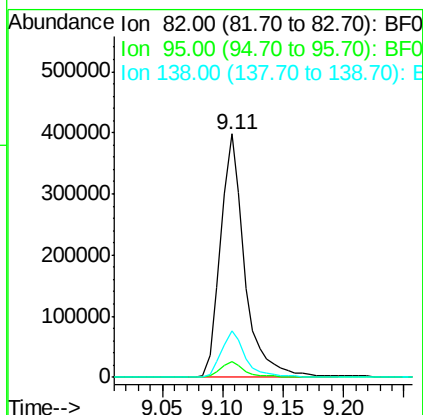
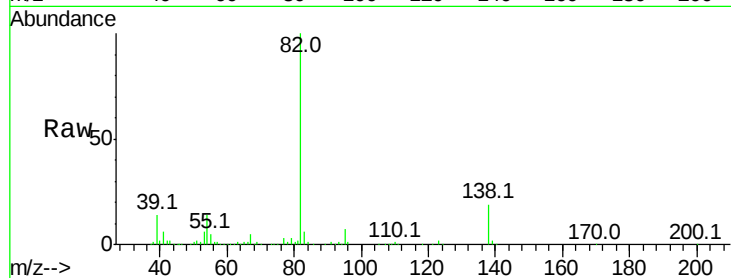




#25
Isophorone
Concen: 48.67 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

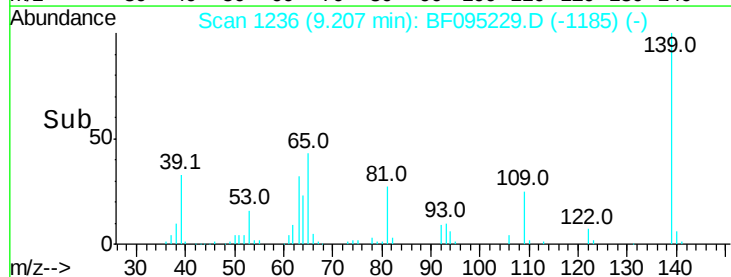
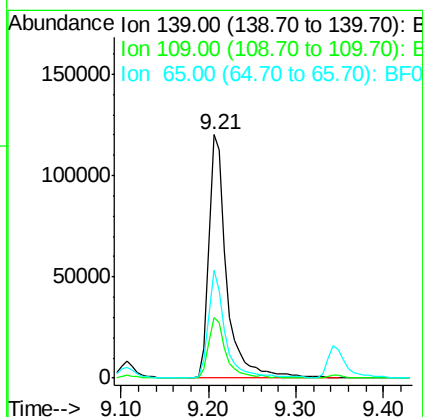
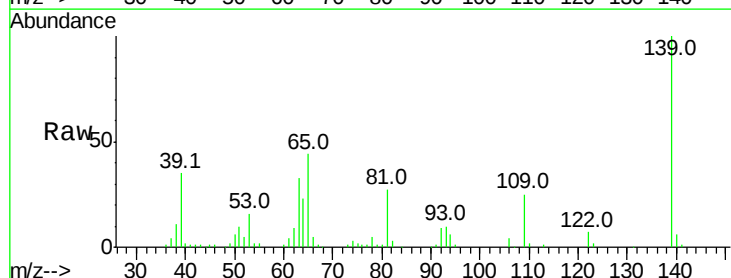
Instrument :
BNA_F
ClientSampleId :

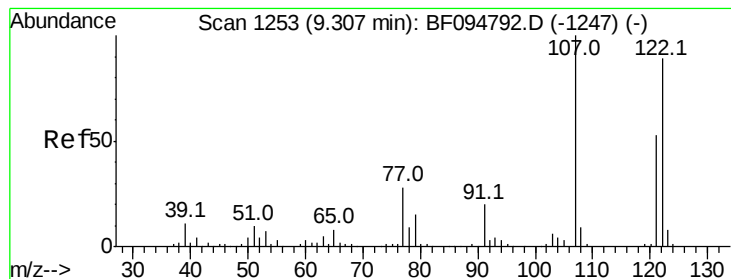
Tot Ion: 82 Resp: 552877
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 19.2 13.1 19.7



#26
2-Nitrophenol
Concen: 47.37 ng
RT: 9.21 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion:139 Resp: 170429
Ion Ratio Lower Upper
139 100
109 24.8 21.0 31.6
65 44.1 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 46.10 ng

RT: 9.34 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampled :

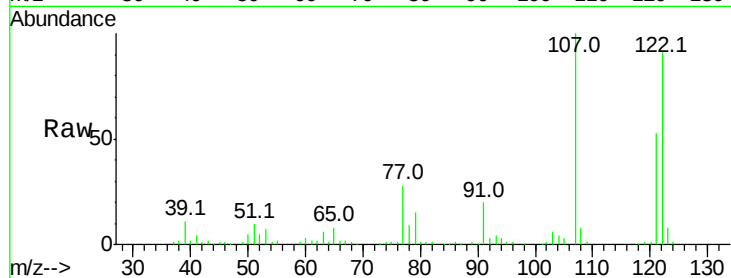
Tot Ion:122 Resp: 268152

Ion Ratio Lower Upper

122 100

107 110.1 89.2 133.8

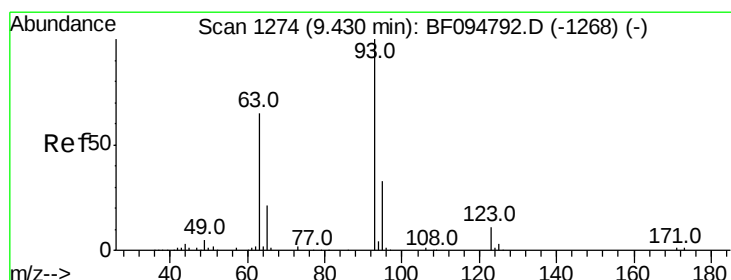
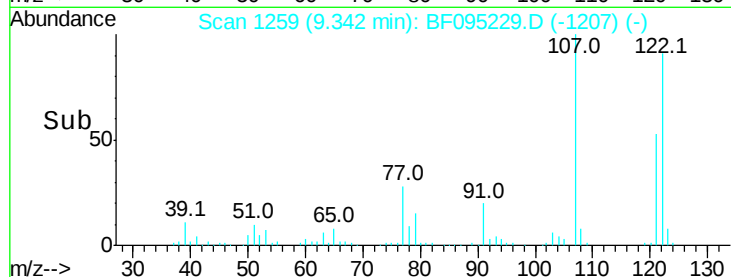
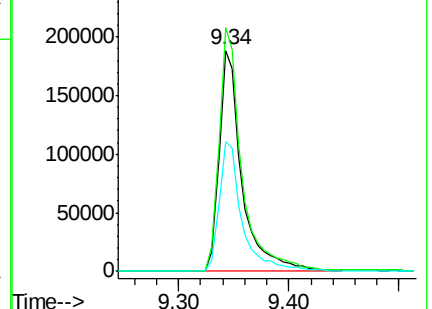
121 58.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.17 ng

RT: 9.47 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

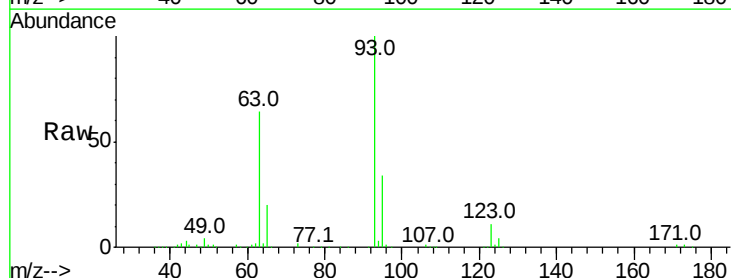
Tgt Ion: 93 Resp: 347116

Ion Ratio Lower Upper

93 100

95 33.7 26.5 39.7

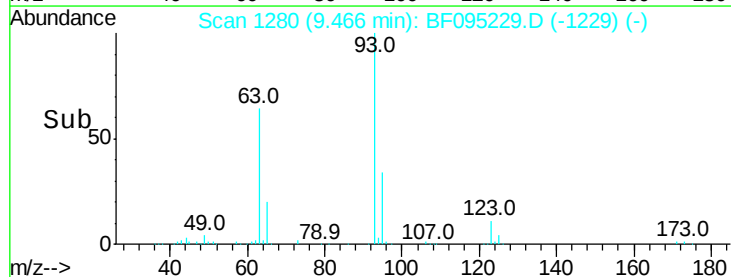
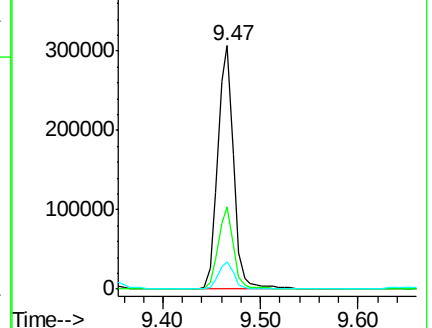
123 11.4 9.0 13.4

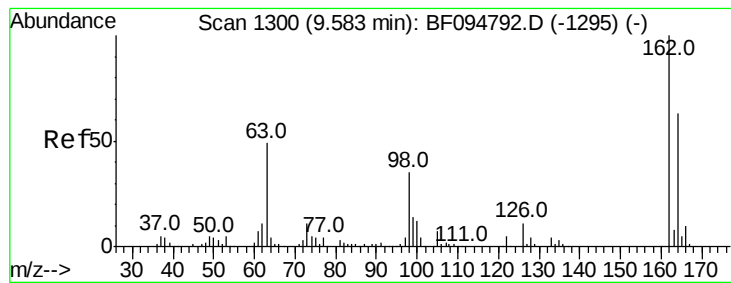


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.23 ng

RT: 9.64 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

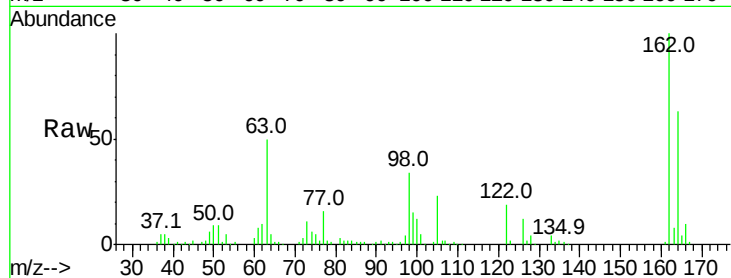
Tot Ion:162 Resp: 248407

Ion Ratio Lower Upper

162 100

164 63.5 44.6 84.6

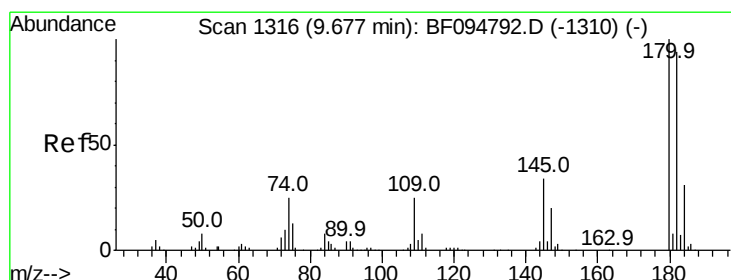
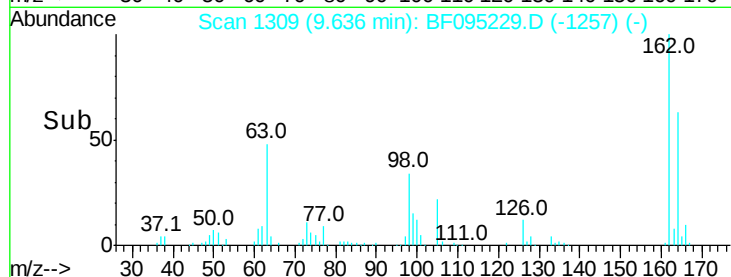
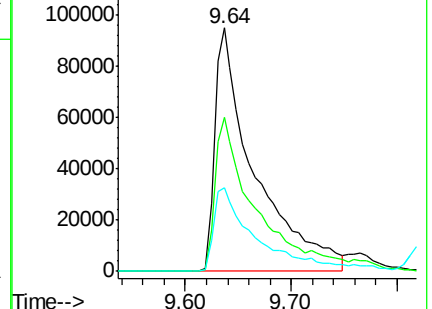
98 34.3 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 42.88 ng

RT: 9.71 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

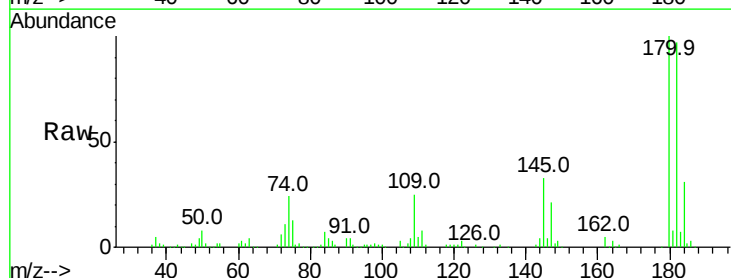
Tgt Ion:180 Resp: 252319

Ion Ratio Lower Upper

180 100

182 96.7 75.8 113.6

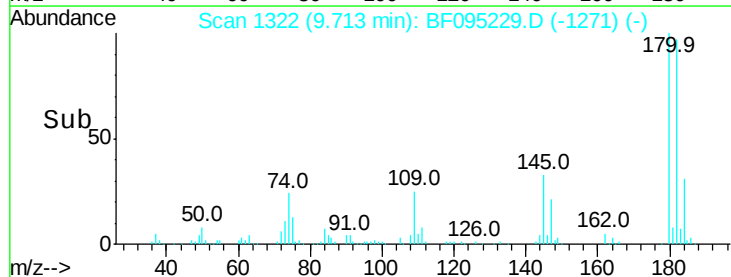
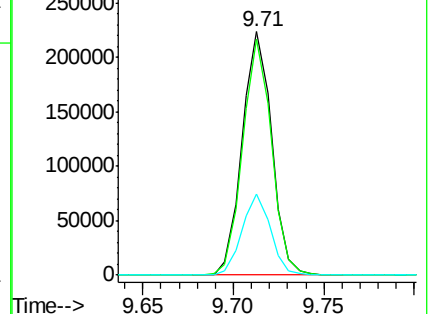
145 33.4 25.3 37.9

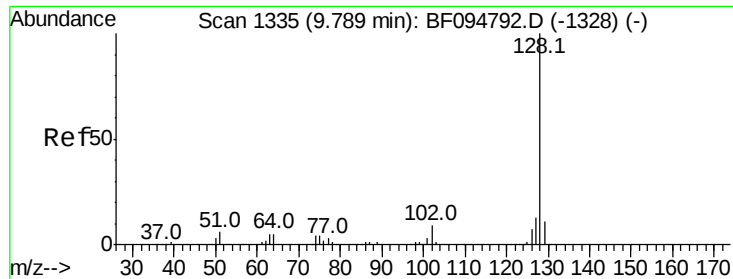


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

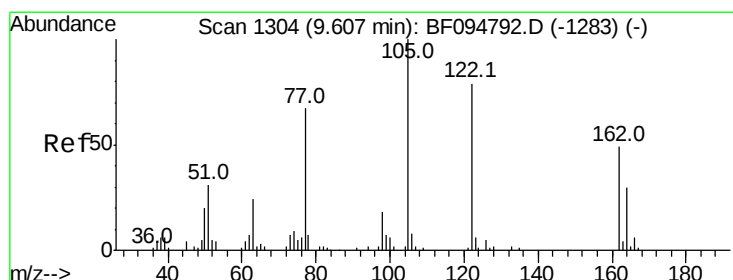
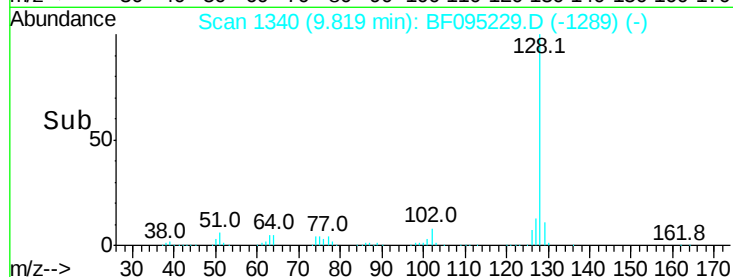
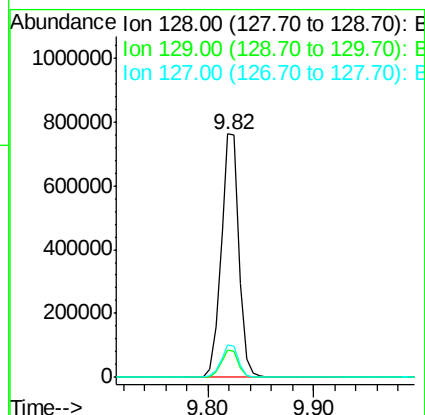
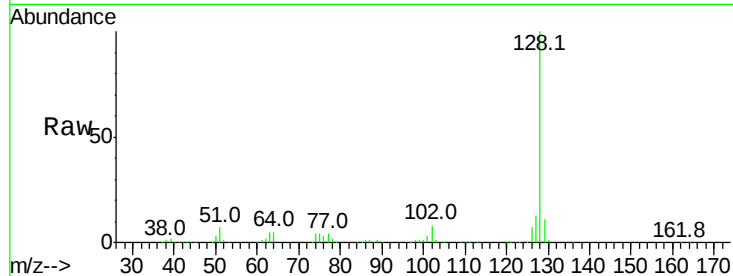




#31
Naphthalene
Concen: 44.50 ng
RT: 9.82 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

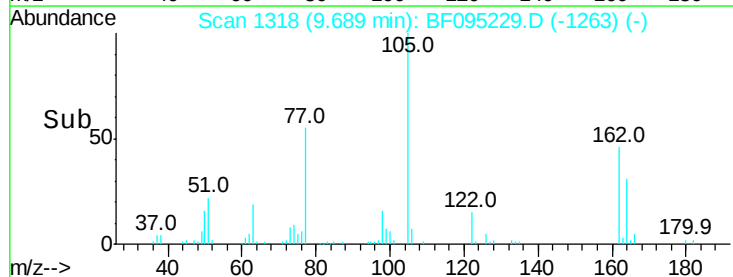
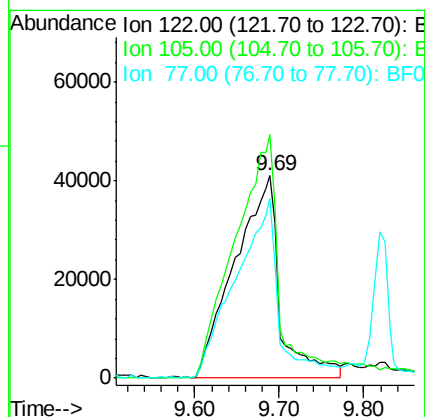
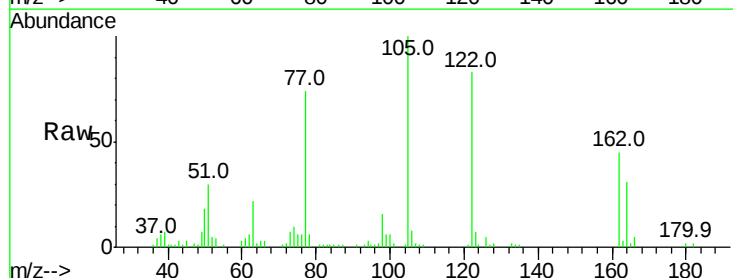
Instrument :
BNA_F
ClientSampleId :

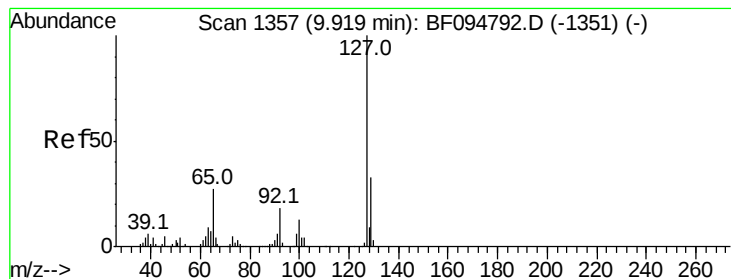
Tot Ion:128 Resp: 897154
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 40.98 ng
RT: 9.69 min Scan# 1318
Delta R.T. 0.02 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion:122 Resp: 153323
Ion Ratio Lower Upper
122 100
105 120.3 103.3 143.3
77 88.5 73.7 113.7





#33

4-Chloroaniline

Concen: 4.88 ng

RT: 10.02 min Scan# 1374

Delta R.T. 0.06 min

Lab File: BF095229.D

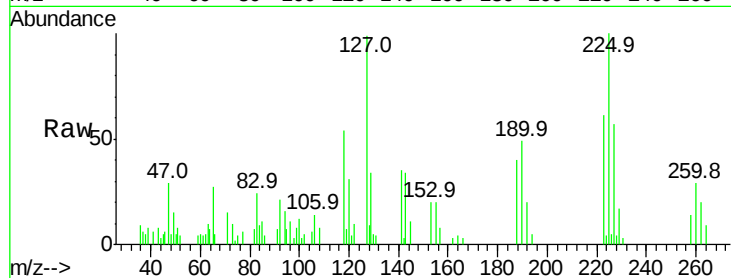
Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	36691
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.2	39.2
65	27.5	27.8	41.8#
92	20.8	16.8	25.2

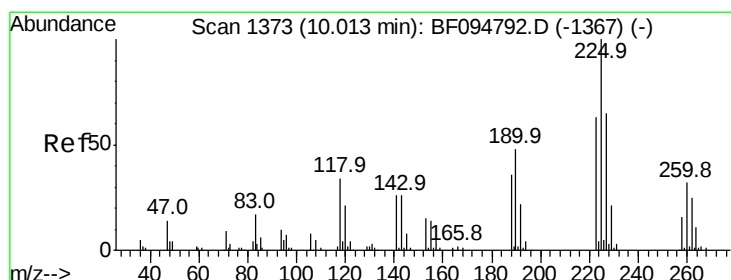
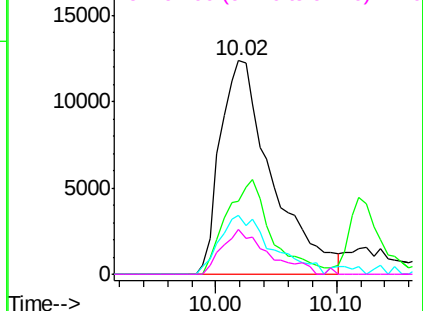
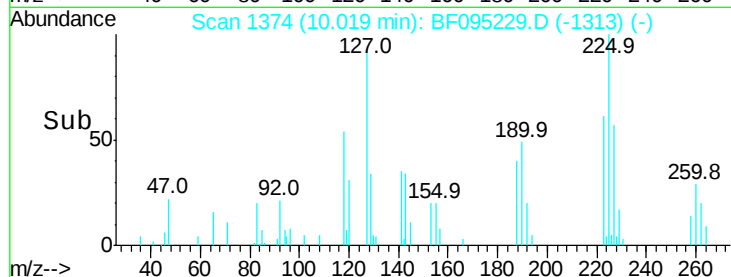


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.97 ng

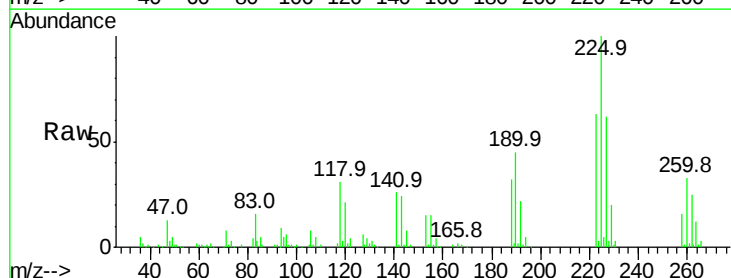
RT: 10.04 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

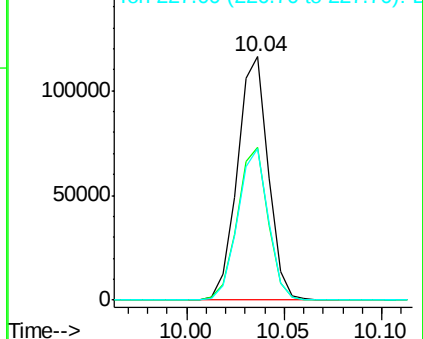
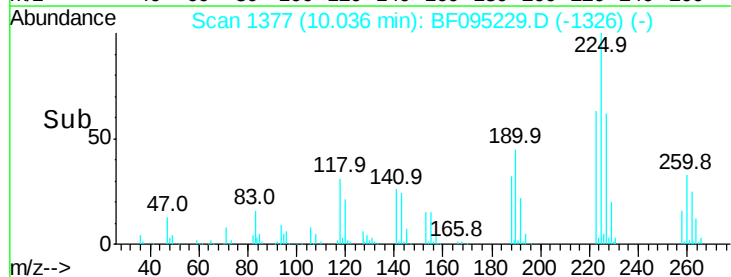
Tgt Ion:	225	Resp:	127198
Ion	Ratio	Lower	Upper
225	100		
223	62.5	48.8	73.2
227	62.3	51.1	76.7

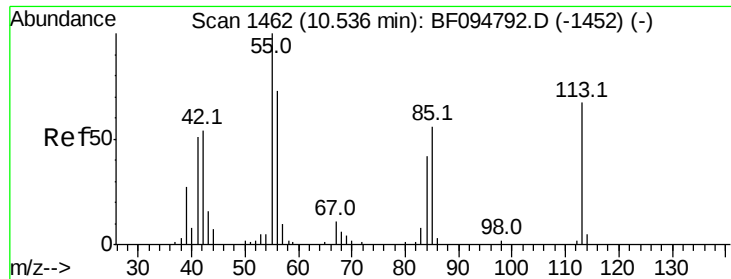


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 17.30 ng

RT: 10.62 min Scan# 1477

Delta R.T. 0.03 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

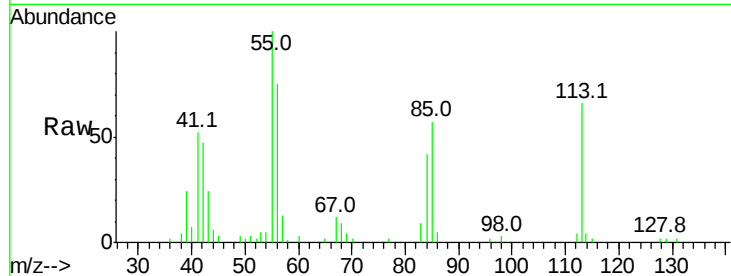
Tot Ion:113 Resp: 28528

Ion Ratio Lower Upper

113 100

55 150.9 150.2 190.2

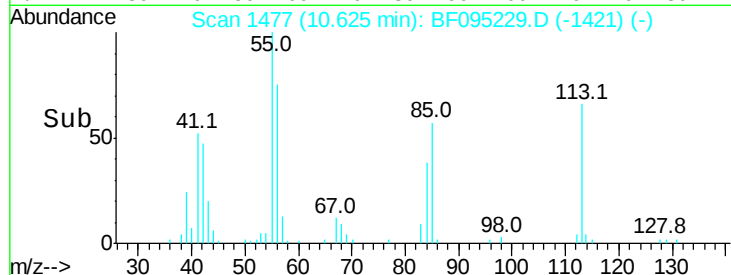
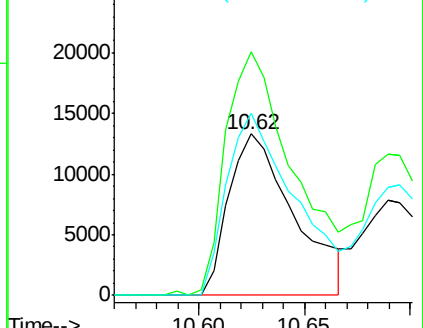
56 113.2 107.8 147.8



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: 46.79 ng

RT: 10.82 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

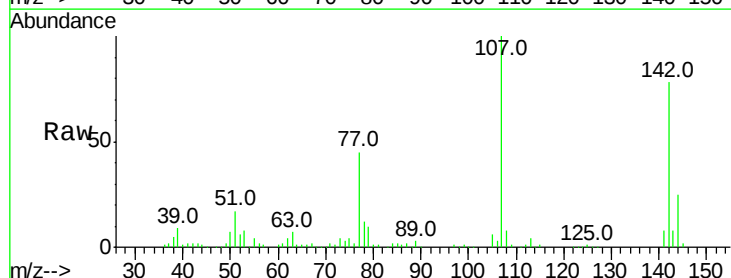
Tgt Ion:107 Resp: 274759

Ion Ratio Lower Upper

107 100

144 25.4 24.2 36.4

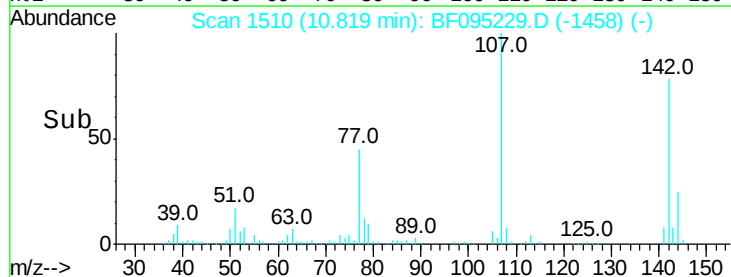
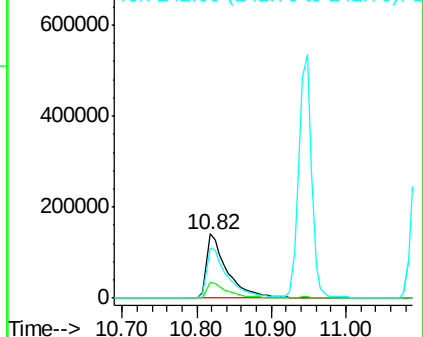
142 77.9 73.4 110.0

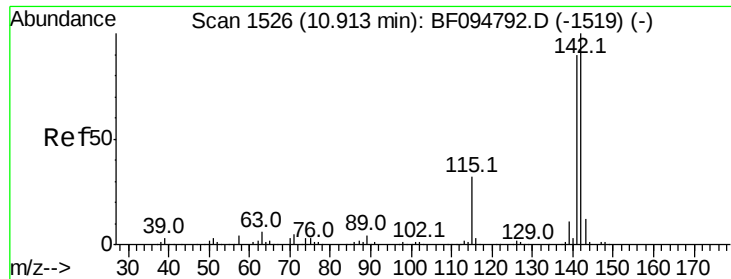


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

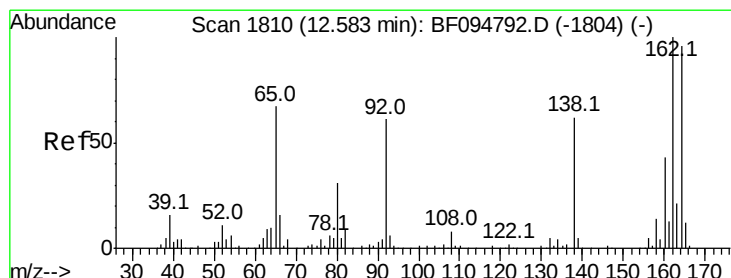
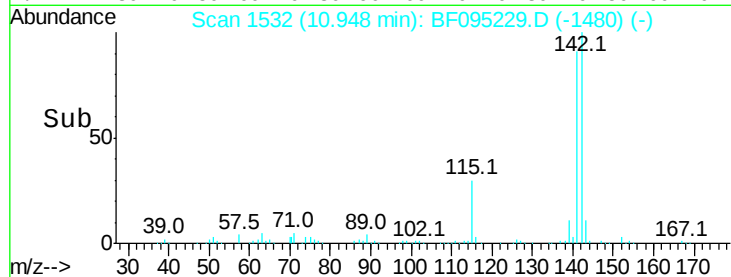
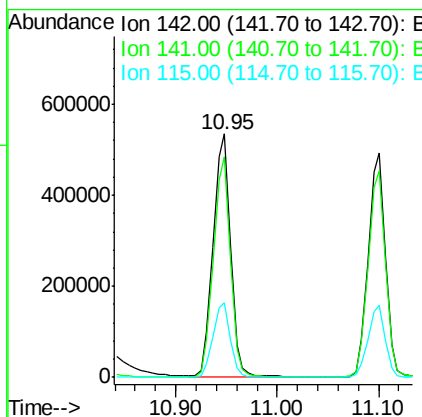
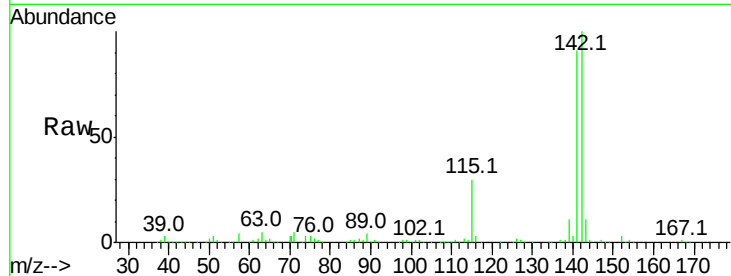




#37
2-Methylnaphthalene
Concen: 48.57 ng
RT: 10.95 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

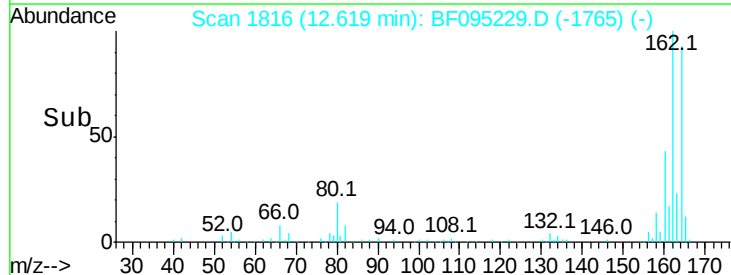
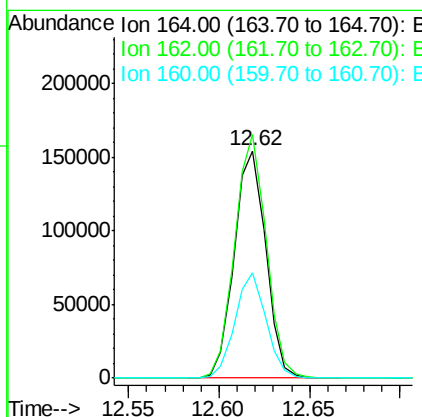
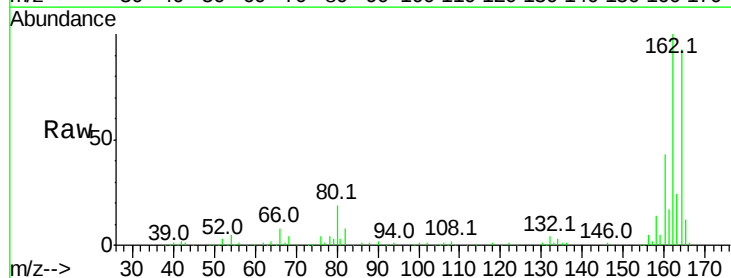
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 642704
Ion Ratio Lower Upper
142 100
141 90.7 71.3 106.9
115 30.4 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: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion:164 Resp: 186737
Ion Ratio Lower Upper
164 100
162 107.1 82.6 123.8
160 46.5 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.93 ng

RT: 11.22 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 246522

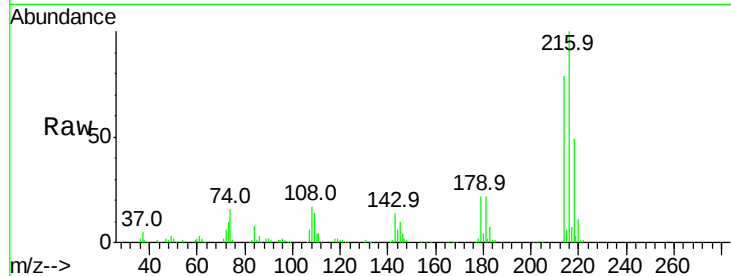
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.2

179 21.9 17.9 26.9

108 19.9 16.5 24.7

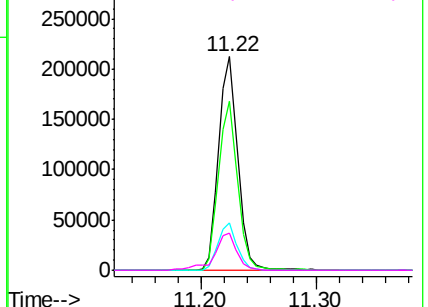
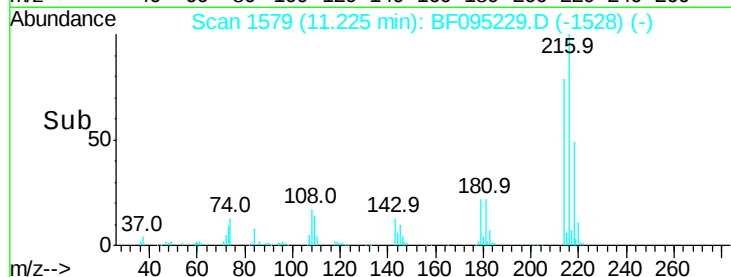


Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.49 ng

RT: 11.20 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

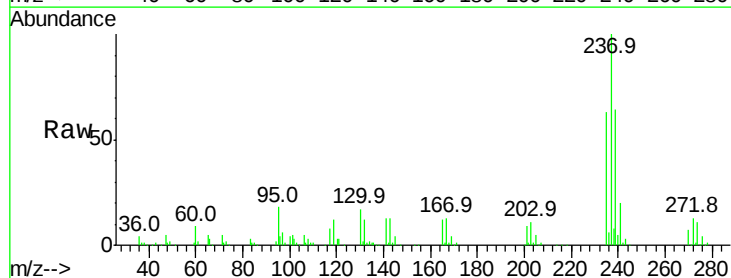
Tgt Ion:237 Resp: 160457

Ion Ratio Lower Upper

237 100

235 62.8 42.6 82.6

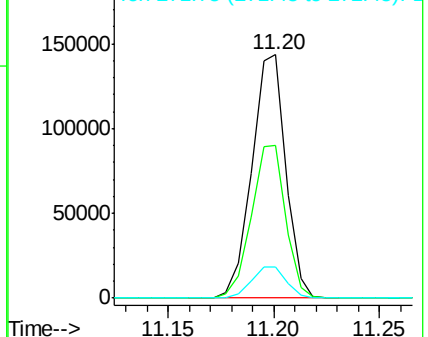
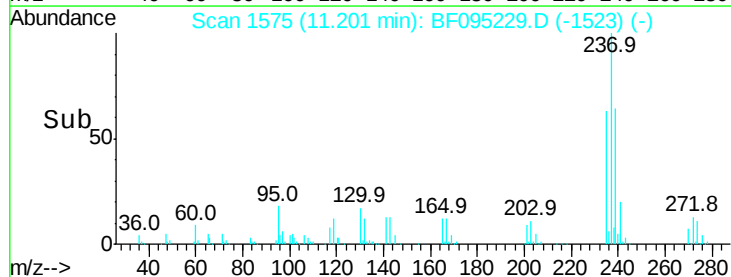
272 13.0 0.0 31.9



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

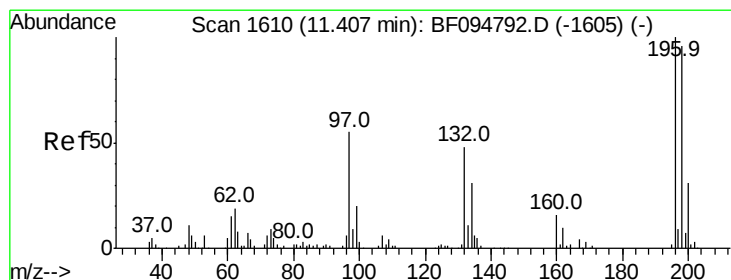
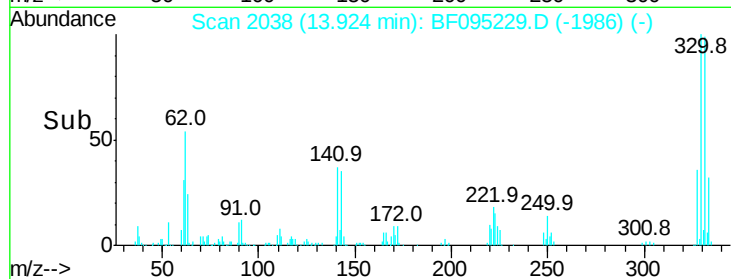
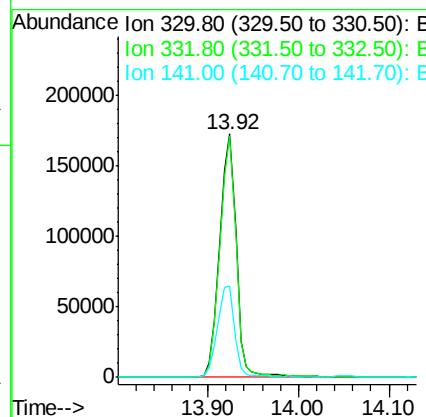
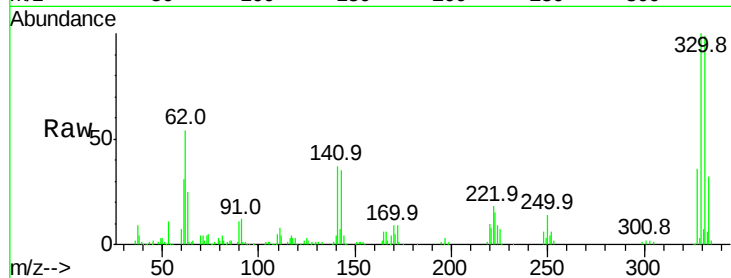




#41
 2,4,6-Tribromophenol
 Concen: 143.99 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

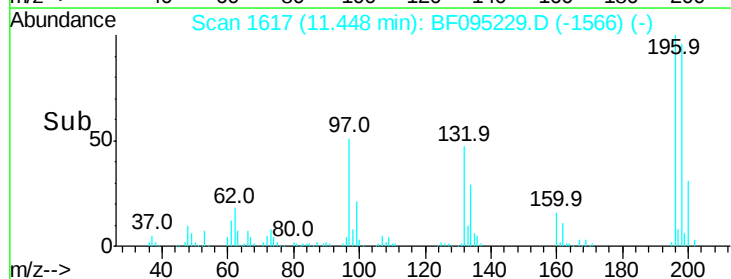
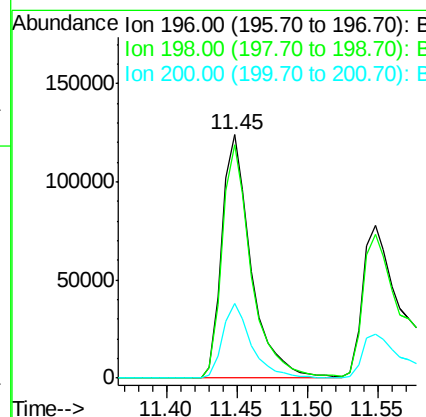
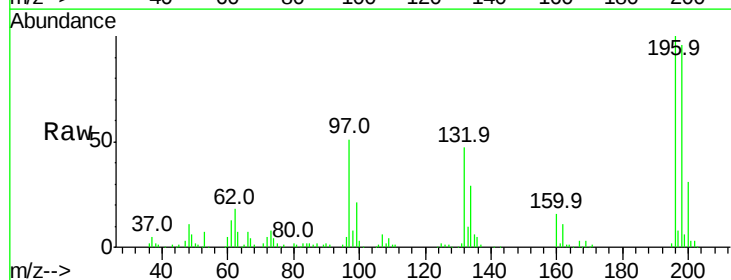
Instrument :
 BNA_F
 ClientSampleId :

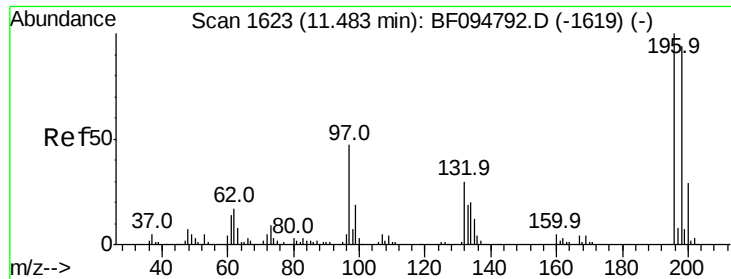
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	39.2	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 46.83 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.2	111.4
200	30.7	24.0	36.0

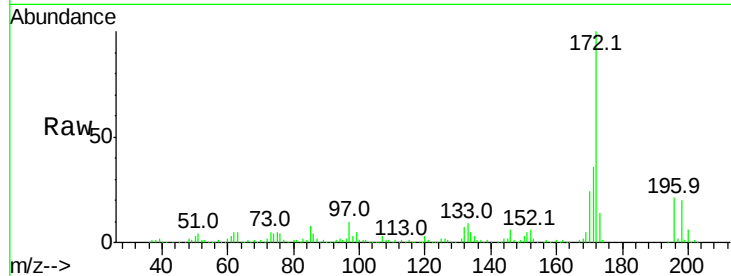




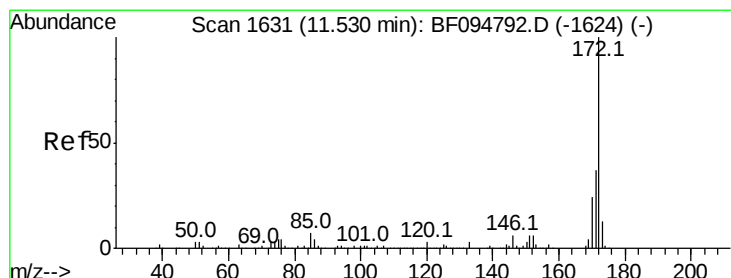
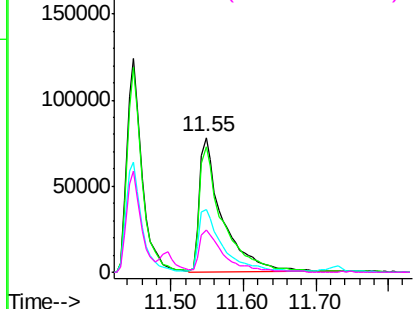
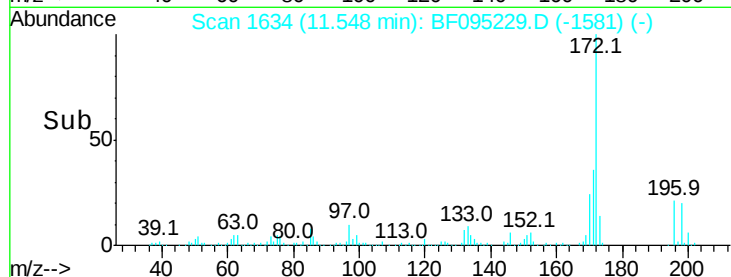
#43
 2,4,5-Trichlorophenol
 Concen: 41.42 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.4	75.7	113.5
97	46.5	47.7	71.5#
132	31.2	28.0	42.0

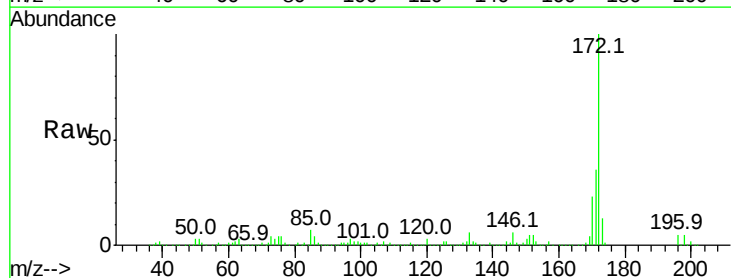


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

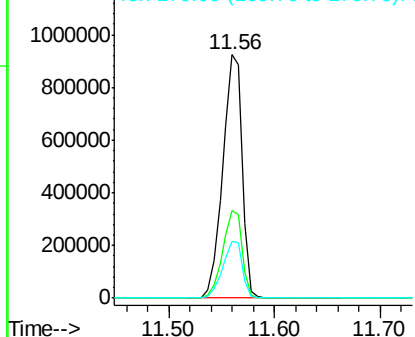
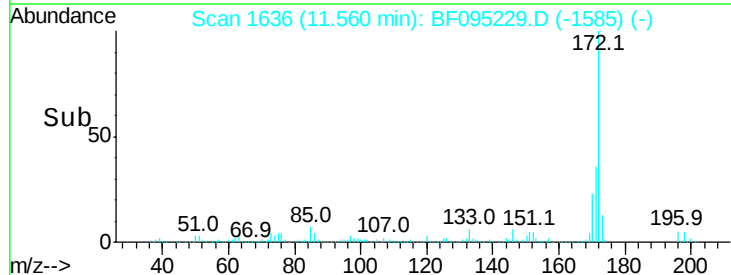


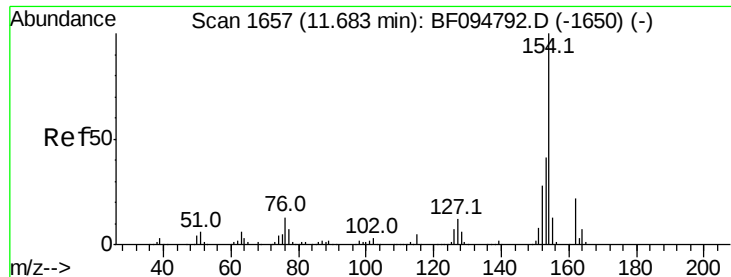
#44
 2-Fluorobiphenyl
 Concen: 90.93 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.1	19.8	29.8



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

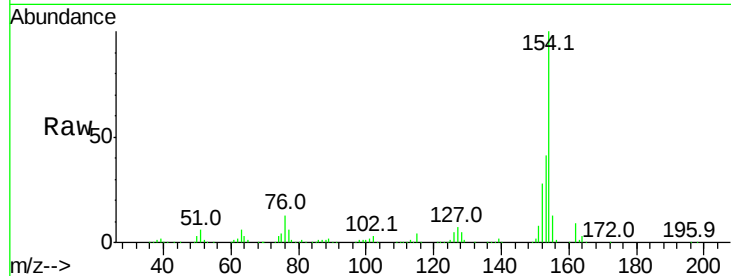




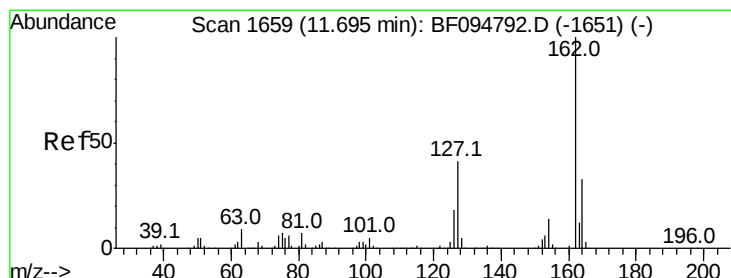
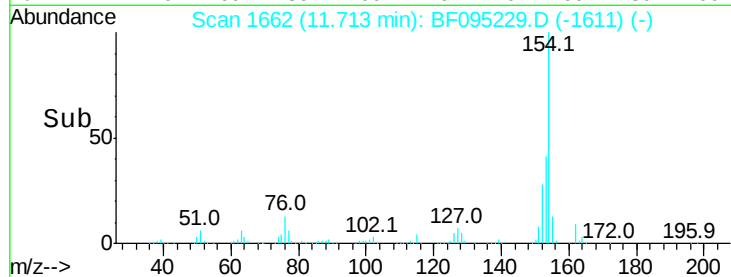
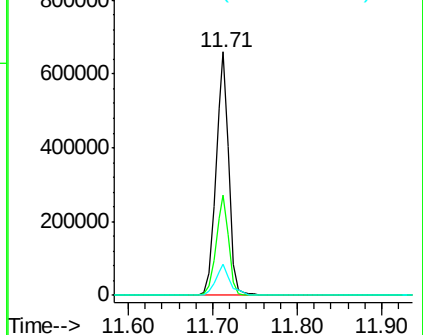
#45
 1,1'-Biphenyl
 Concen: 45.11 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 709288
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.2 61.2
 76 12.8 0.0 29.9

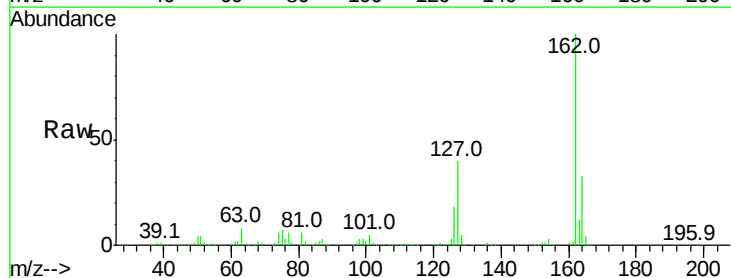


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

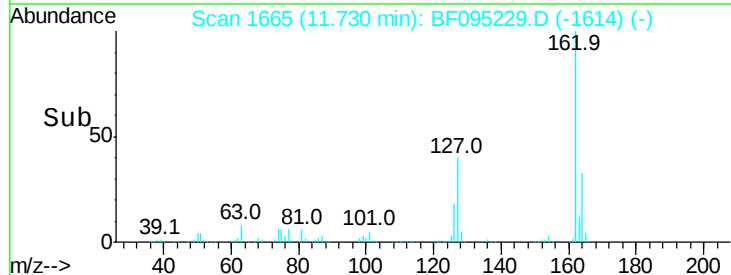
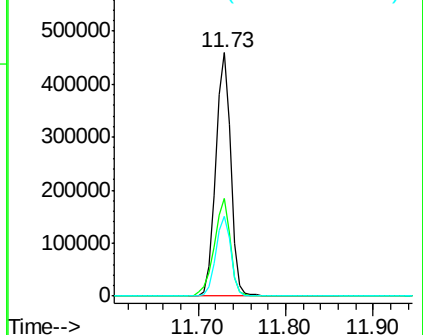


#46
 2-Chloronaphthalene
 Concen: 43.56 ng
 RT: 11.73 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion:162 Resp: 553048
 Ion Ratio Lower Upper
 162 100
 127 39.9 28.3 42.5
 164 32.6 27.0 40.4



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

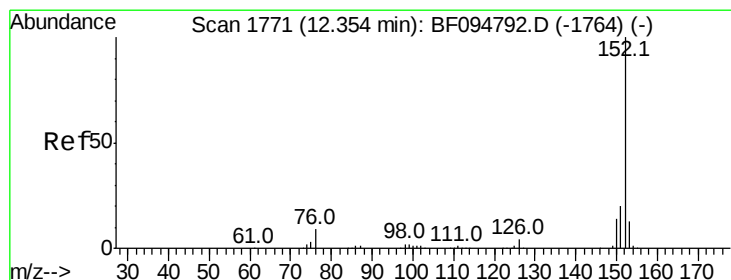
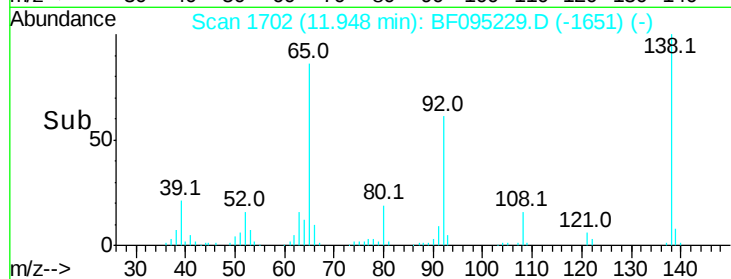
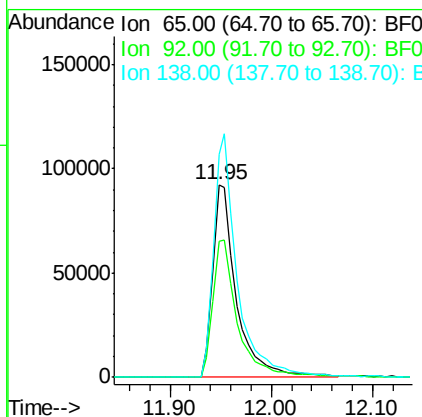
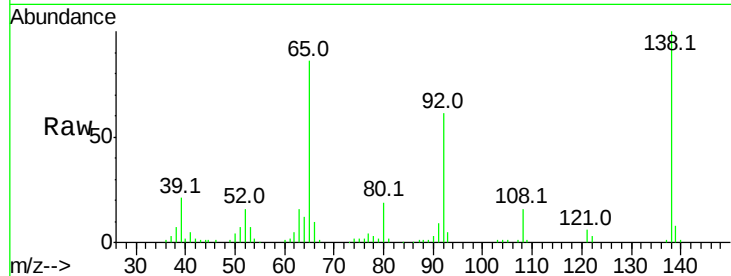




#47
 2-Nitroaniline
 Concen: 43.41 ng
 RT: 11.95 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

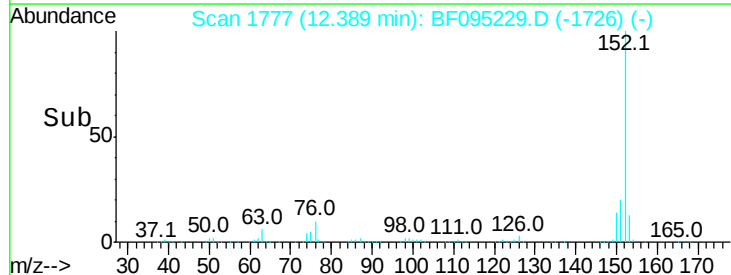
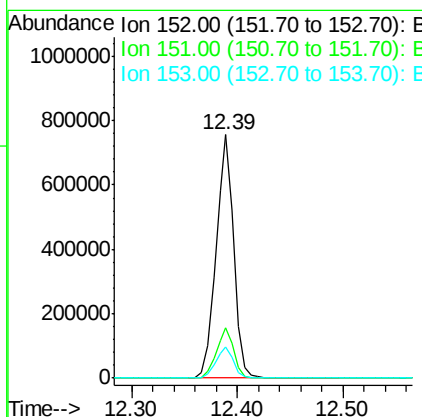
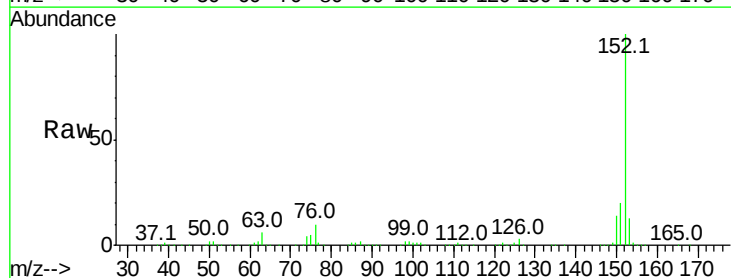
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 150821
 Ion Ratio Lower Upper
 65 100
 92 70.5 53.9 80.9
 138 116.0 78.8 118.2



#48
 Acenaphthylene
 Concen: 44.64 ng
 RT: 12.39 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion: 152 Resp: 887646
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 43.55 ng

RT: 12.27 min Scan# 1756

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

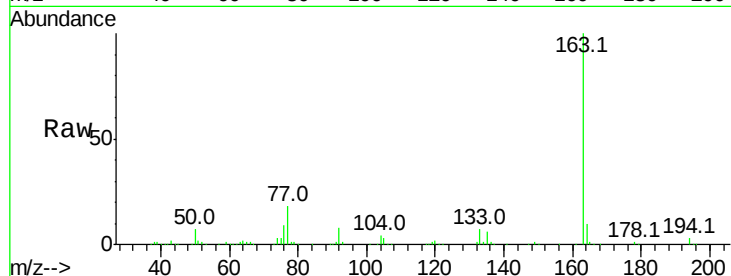
Tot Ion:163 Resp: 667677

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

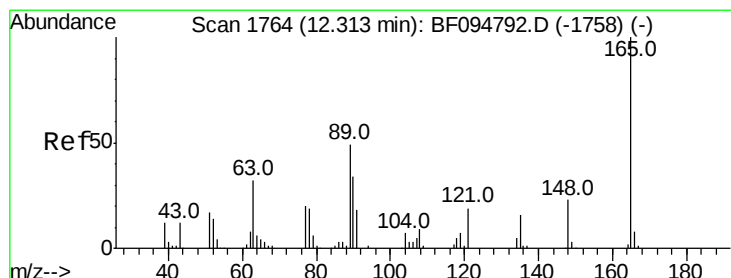
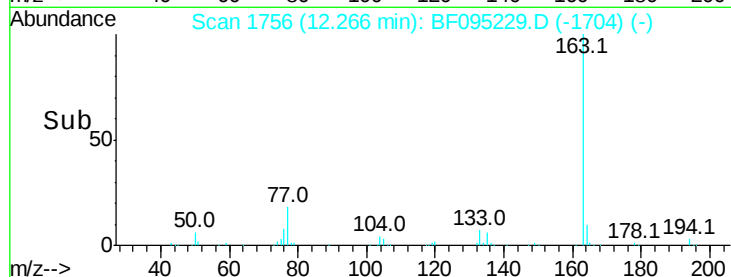
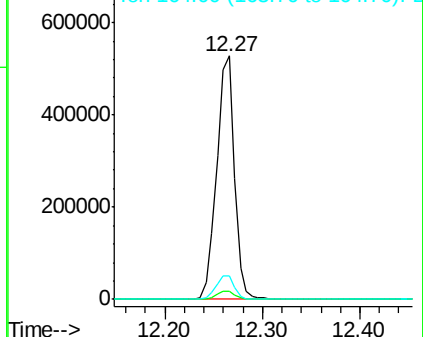
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.70 ng

RT: 12.36 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

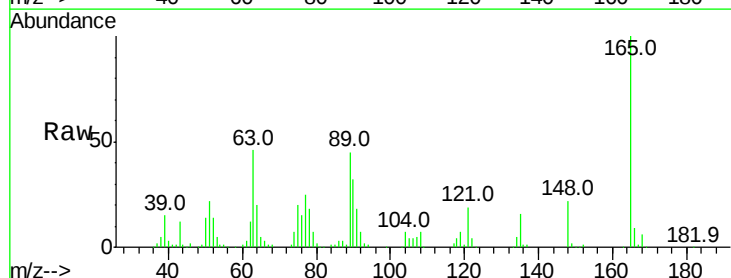
Tgt Ion:165 Resp: 149185

Ion Ratio Lower Upper

165 100

63 46.1 34.3 51.5

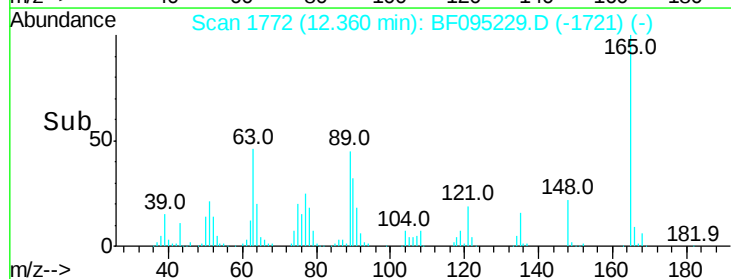
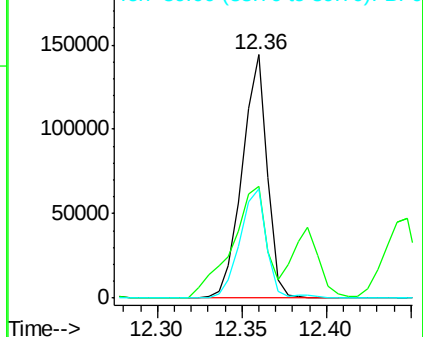
89 44.9 37.1 55.7

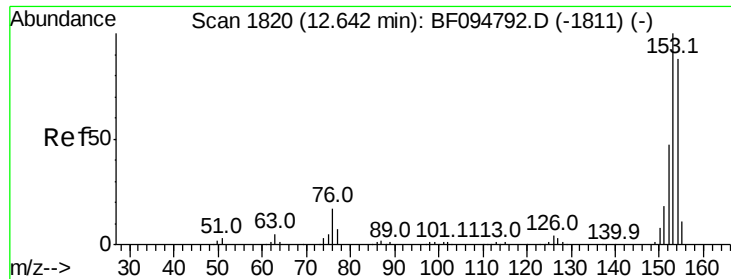


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.45 ng

RT: 12.67 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

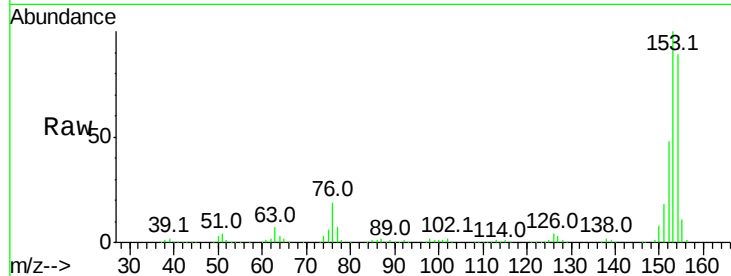
Tot Ion:154 Resp: 527910

Ion Ratio Lower Upper

154 100

153 112.9 90.5 135.7

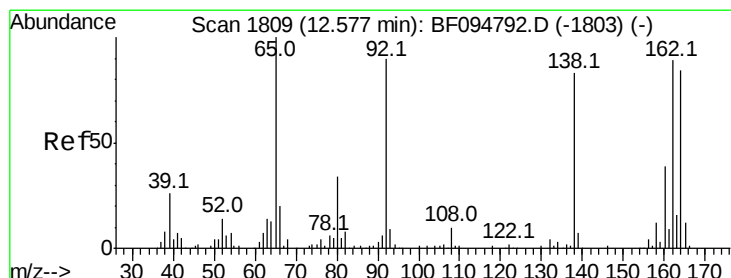
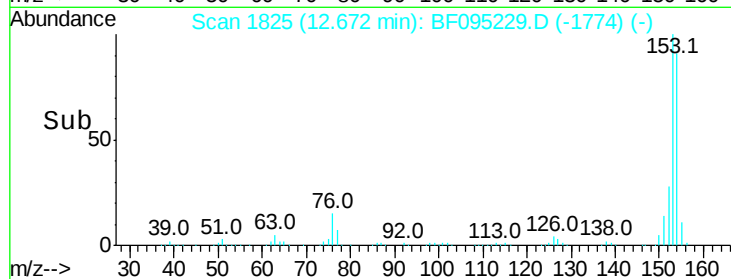
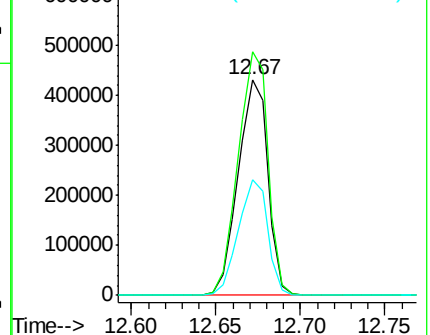
152 53.9 43.6 65.4



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: 12.44 ng

RT: 12.65 min Scan# 1821

Delta R.T. 0.02 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

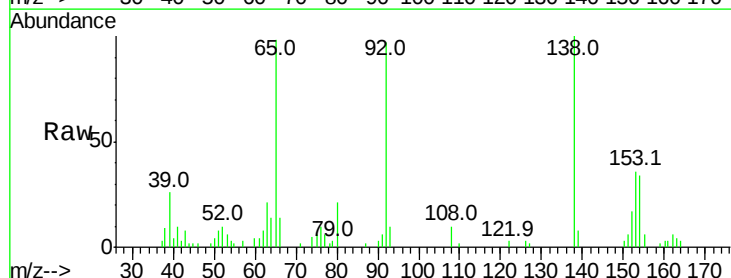
Tgt Ion:138 Resp: 41775

Ion Ratio Lower Upper

138 100

108 9.7 9.1 13.7

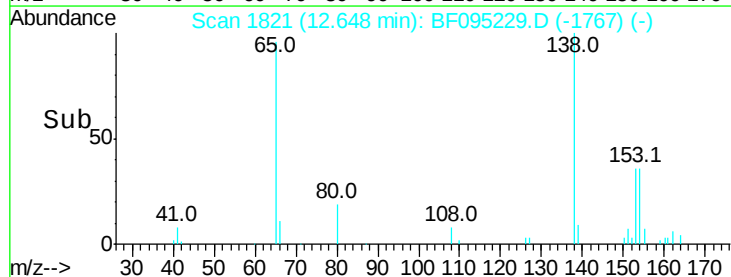
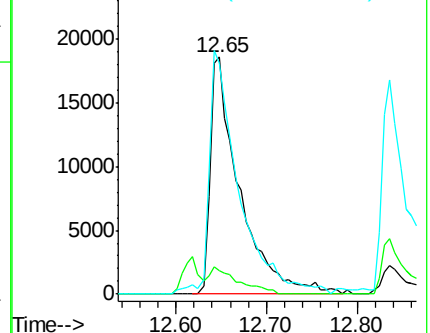
92 97.2 93.8 140.6

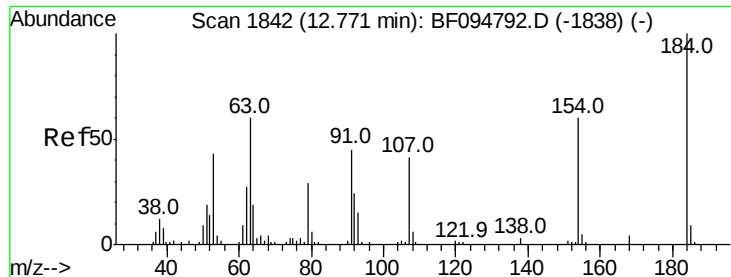


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

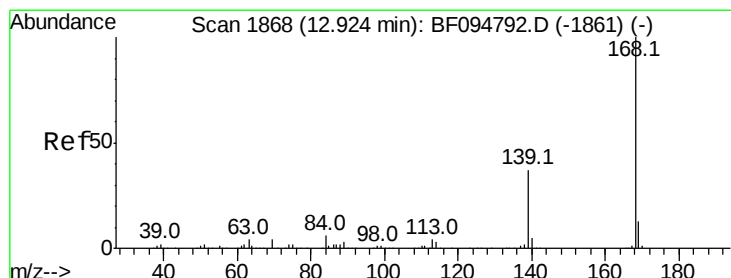
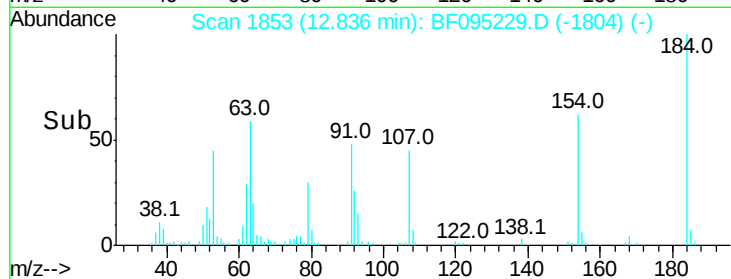
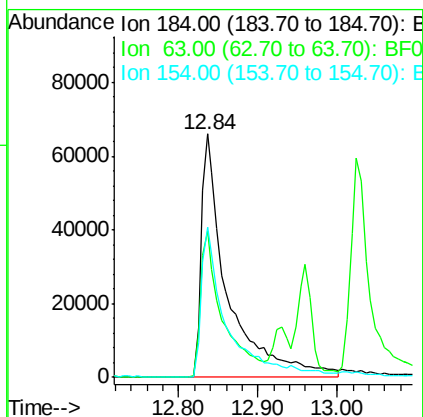
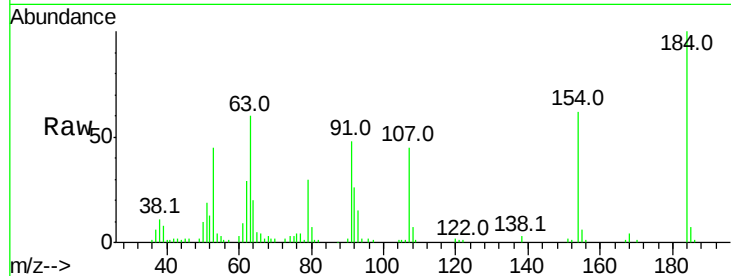




#53
 2,4-Dinitrophenol
 Concen: 87.94 ng
 RT: 12.84 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

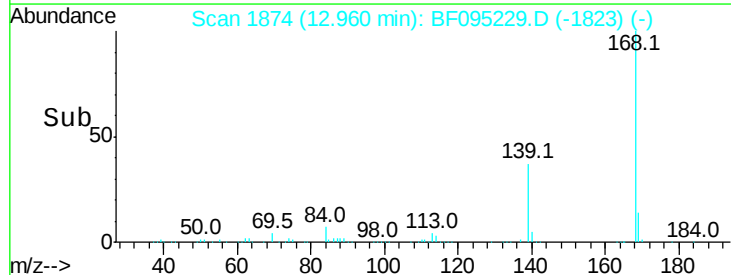
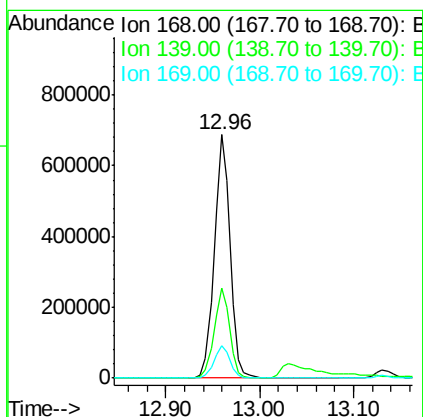
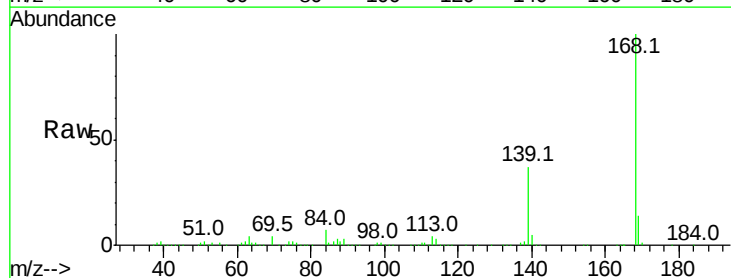
Instrument :
 BNA_F
 ClientSampleId :

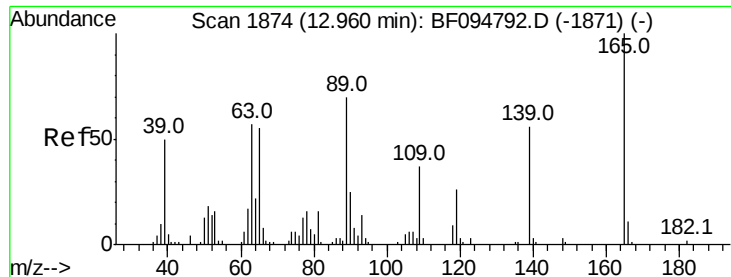
Tot Ion:184 Resp: 152641
 Ion Ratio Lower Upper
 184 100
 63 60.0 62.7 94.1#
 154 61.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 49.35 ng
 RT: 12.96 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion:168 Resp: 811079
 Ion Ratio Lower Upper
 168 100
 139 37.2 30.6 45.8
 169 13.6 10.8 16.2

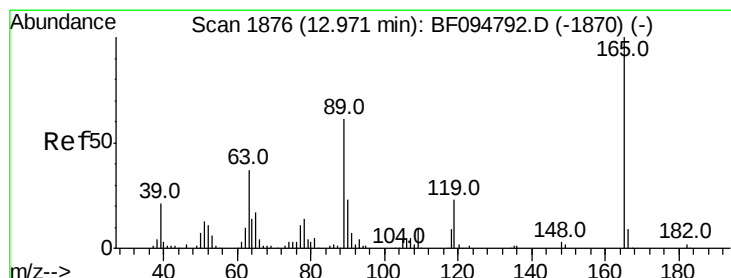
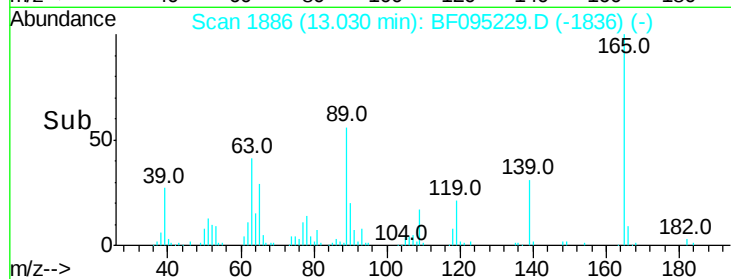
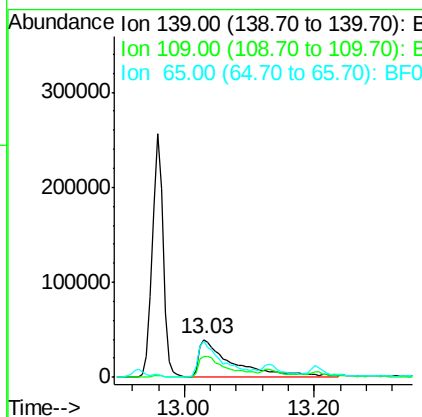
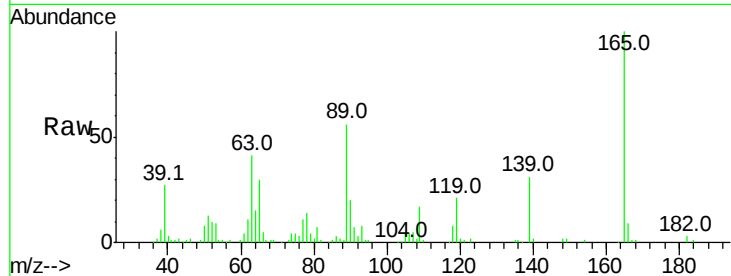




#55
4-Nitrophenol
Concen: 68.85 ng
RT: 13.03 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

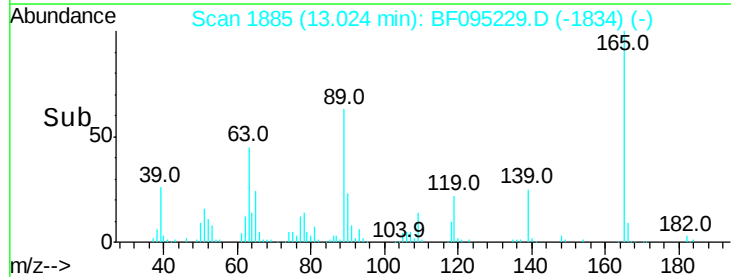
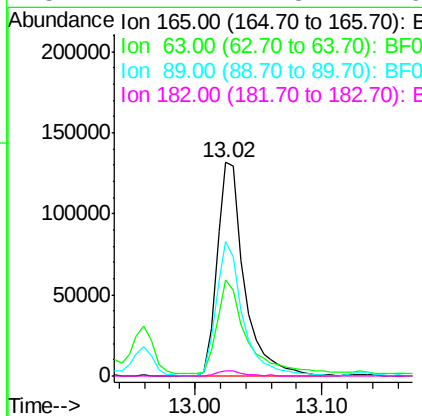
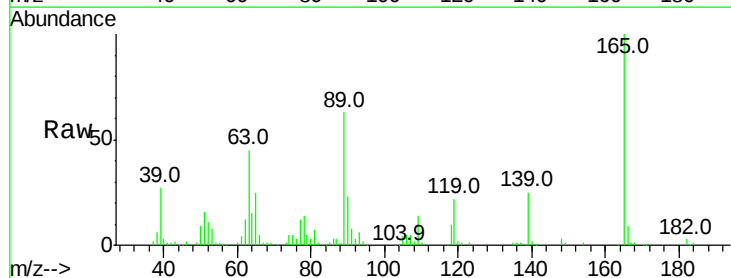
Instrument :
BNA_F
ClientSampled :

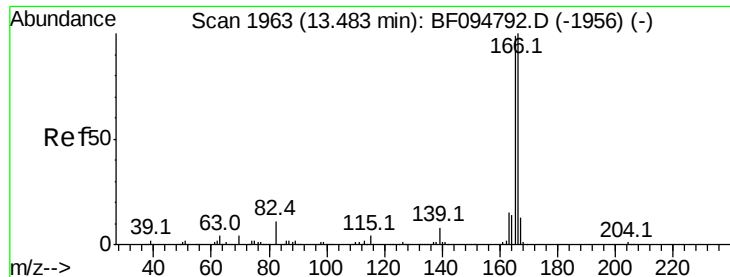
Tot Ion:139 Resp: 138804
Ion Ratio Lower Upper
139 100
109 56.3 34.1 74.1
65 96.8 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 49.00 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion:165 Resp: 196916
Ion Ratio Lower Upper
165 100
63 45.1 25.4 38.0#
89 62.9 46.4 69.6
182 2.7 1.8 2.6#

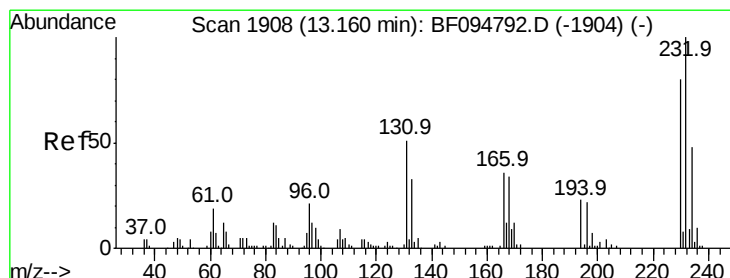
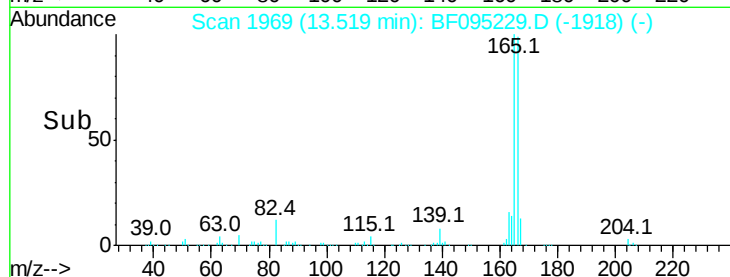
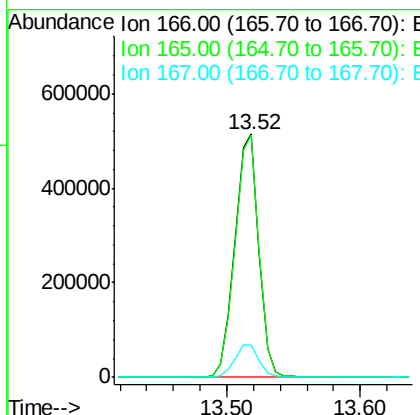
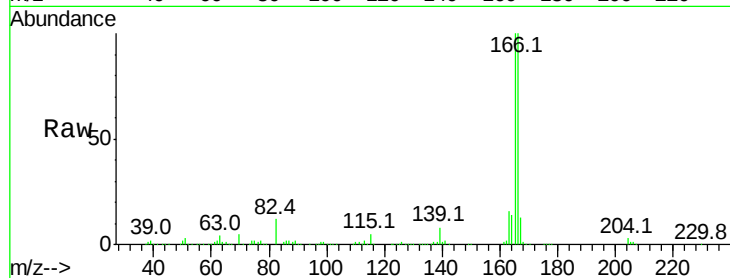




#57
 Fluorene
 Concen: 44.98 ng
 RT: 13.52 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

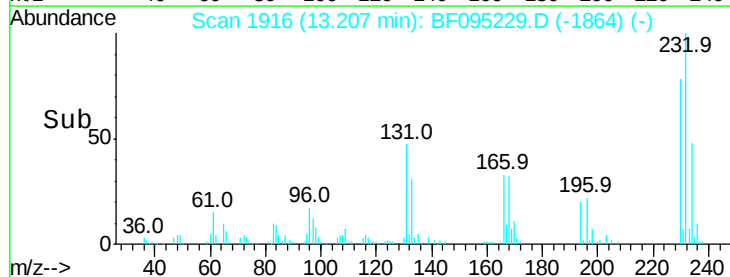
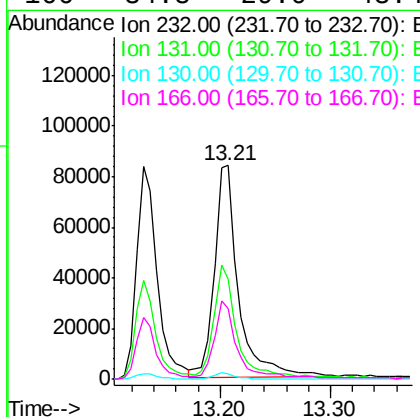
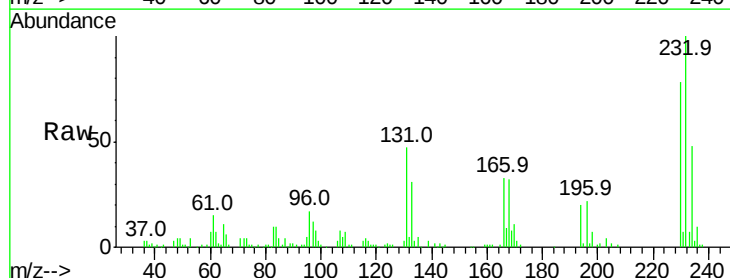
Instrument :
 BNA_F
 ClientSampleId :

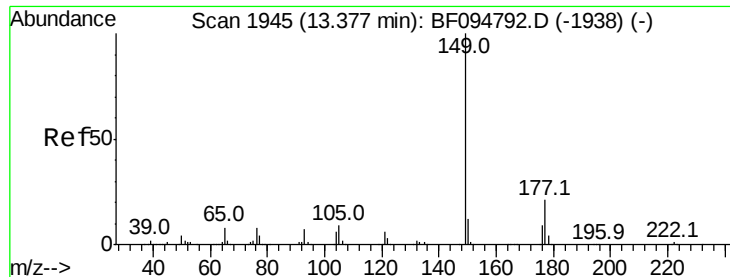
Tot Ion:166 Resp: 642790
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.8 118.2
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.76 ng
 RT: 13.21 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion:232 Resp: 126455
 Ion Ratio Lower Upper
 232 100
 131 51.4 44.8 67.2
 130 2.4 2.3 3.5
 166 34.8 29.0 43.4

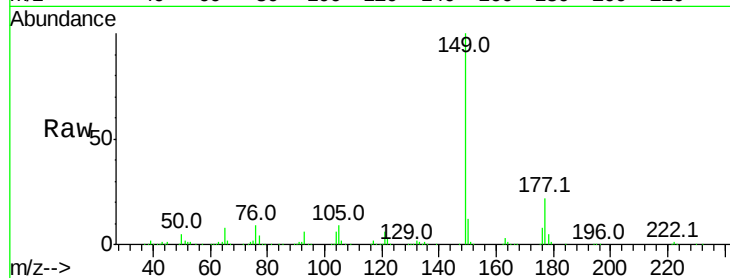




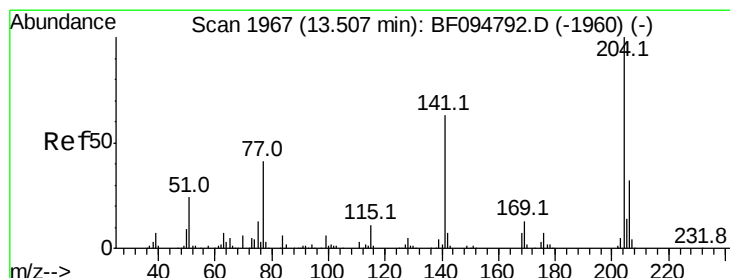
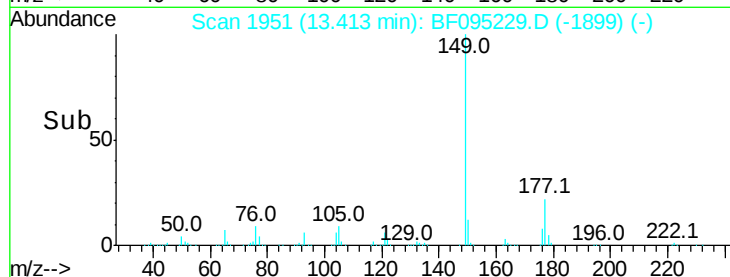
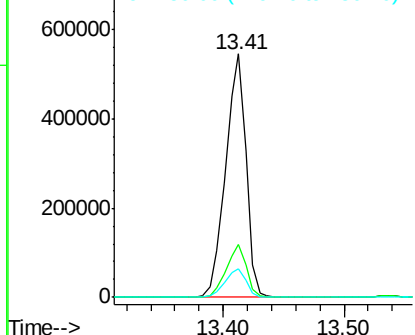
#59
Diethylphthalate
Concen: 43.35 ng
RT: 13.41 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 637000
Ion Ratio Lower Upper
149 100
177 21.6 16.7 25.1
150 11.8 10.2 15.2

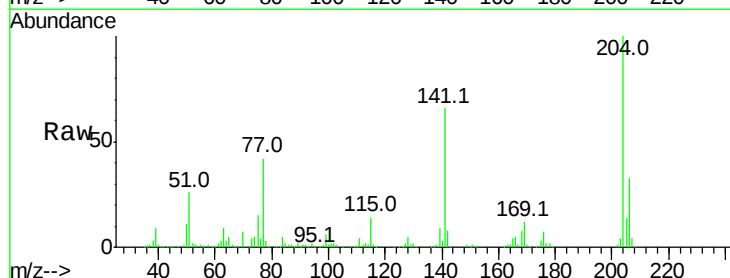


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

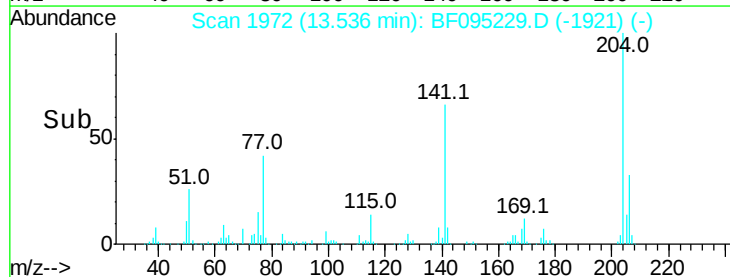
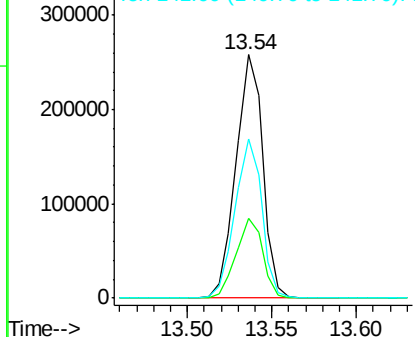


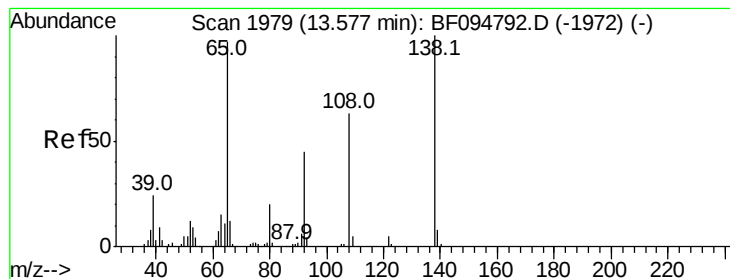
#60
4-Chlorophenyl-phenylether
Concen: 45.67 ng
RT: 13.54 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion:204 Resp: 286816
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 65.6 60.8 91.2



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





#61

4-Nitroaniline

Concen: 29.27 ng

RT: 13.64 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

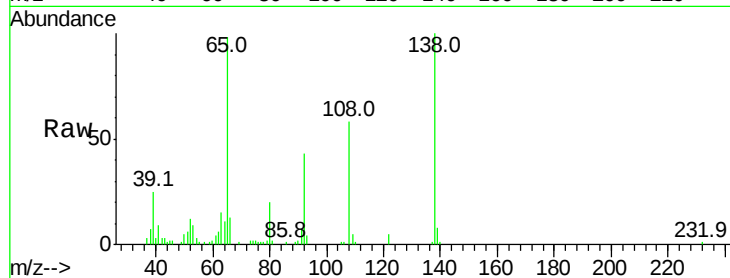
Tot Ion:138 Resp: 90196

Ion Ratio Lower Upper

138 100

92 42.9 21.8 61.8

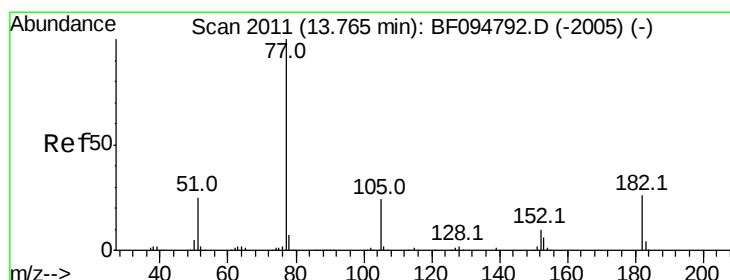
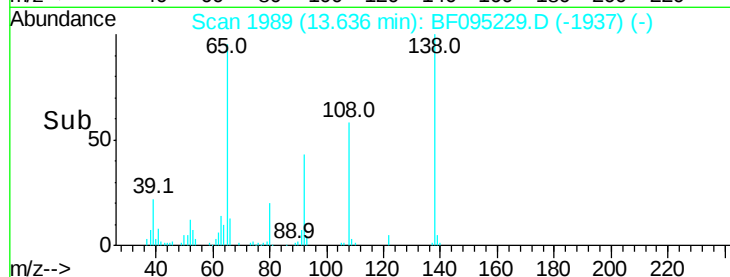
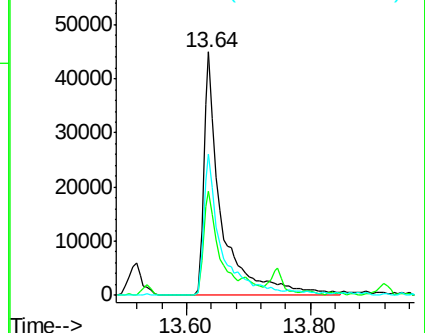
108 57.8 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.27 ng

RT: 13.79 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Tgt Ion: 77 Resp: 581769

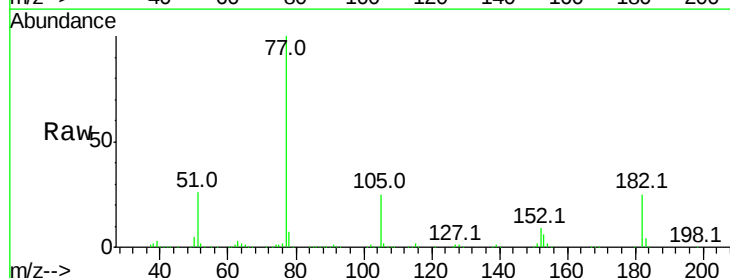
Ion Ratio Lower Upper

77 100

182 25.3 0.1 40.1

105 24.7 3.6 43.6

51 25.9 9.4 49.4

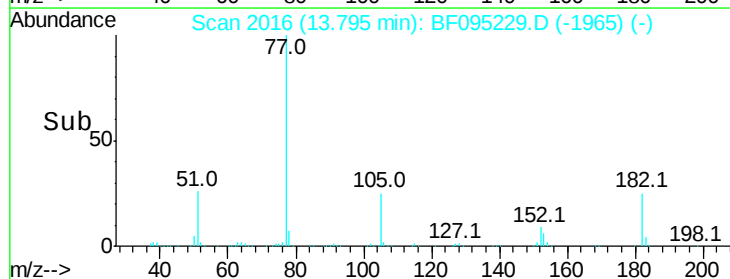
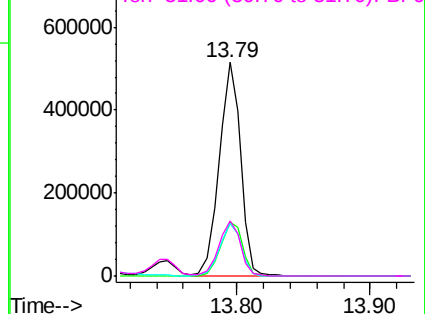


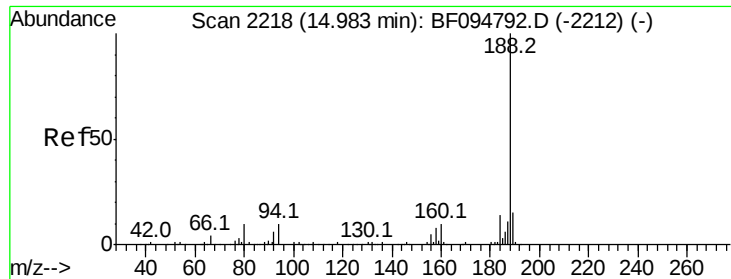
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

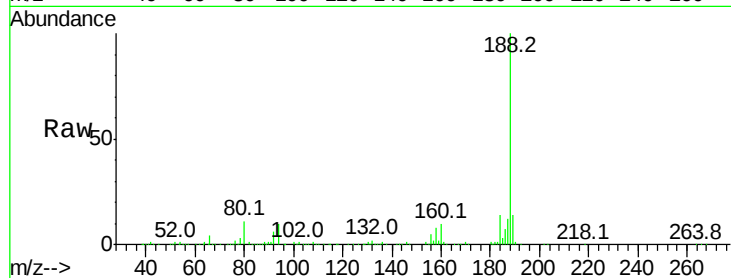




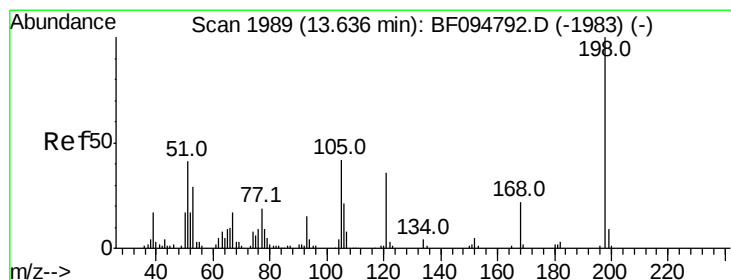
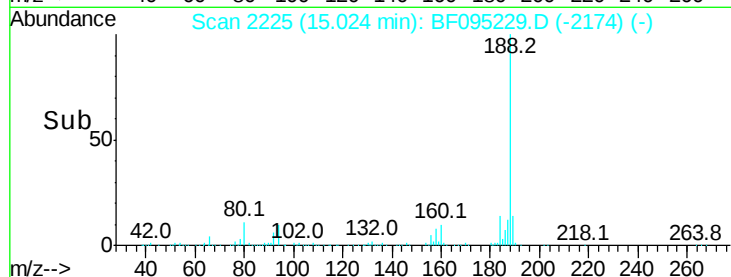
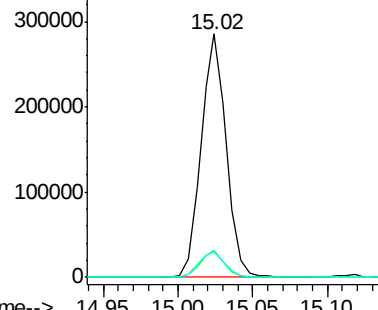
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 336367
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.0 10.2 15.2

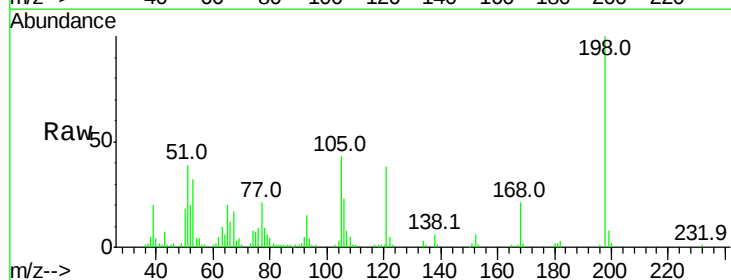


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

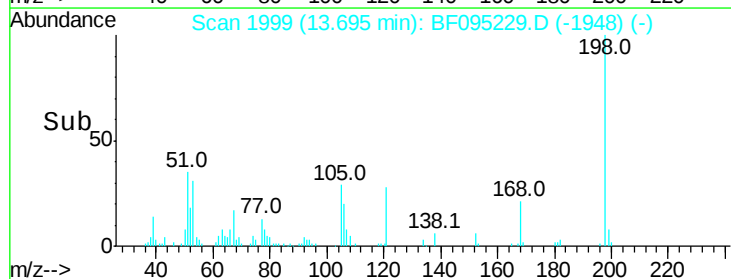
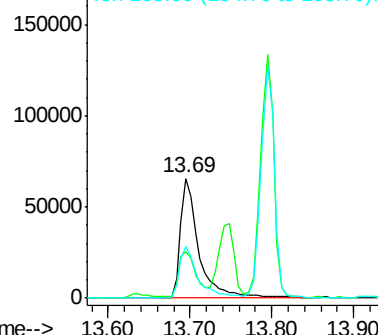


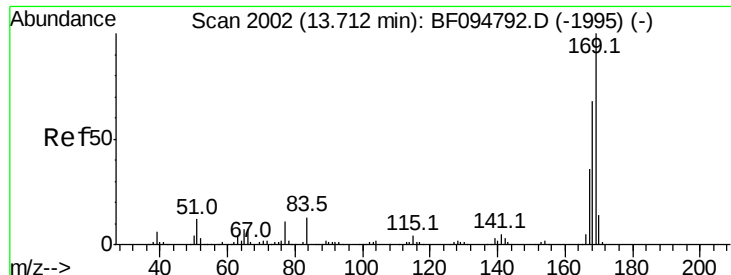
#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.82 ng
 RT: 13.69 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion:198 Resp: 103322
 Ion Ratio Lower Upper
 198 100
 51 39.2 53.2 93.2#
 105 43.1 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.13 ng

RT: 13.75 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampled :

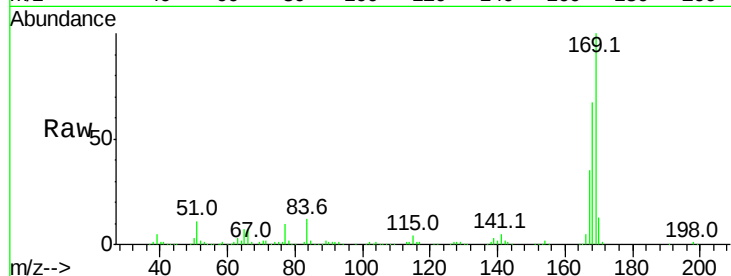
Tot Ion:169 Resp: 453293

Ion Ratio Lower Upper

169 100

168 66.7 53.2 79.8

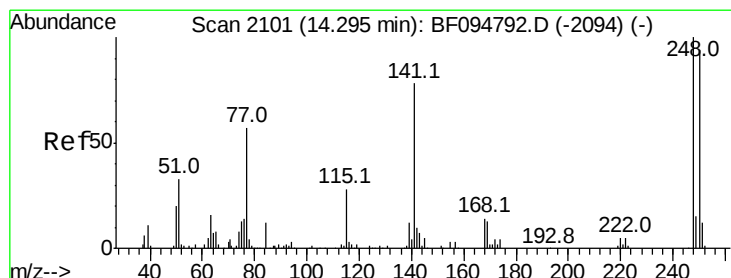
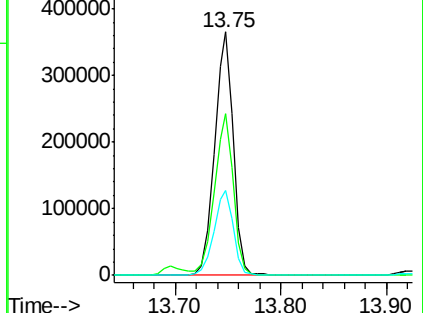
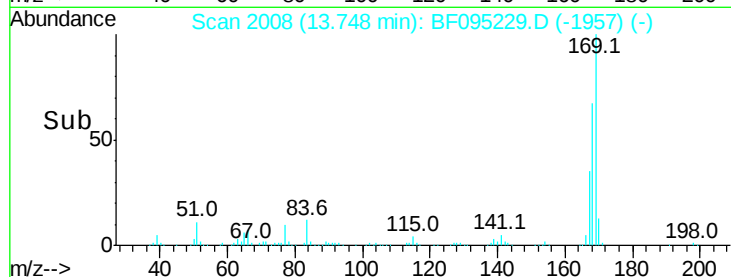
167 35.0 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.78 ng

RT: 14.32 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

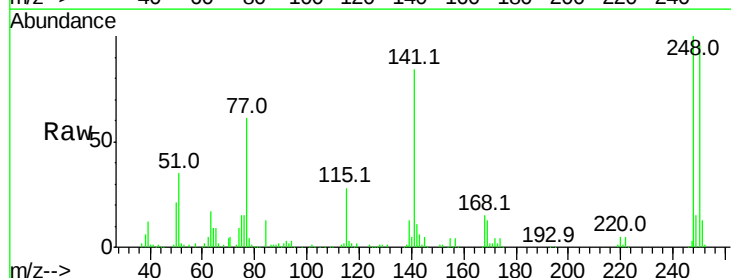
Tgt Ion:248 Resp: 162705

Ion Ratio Lower Upper

248 100

250 96.2 76.8 115.2

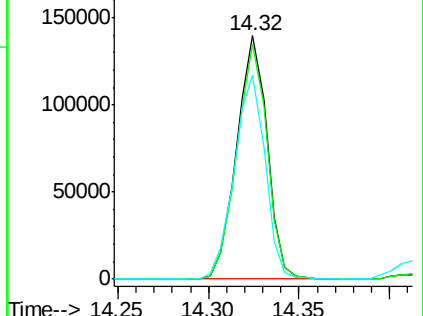
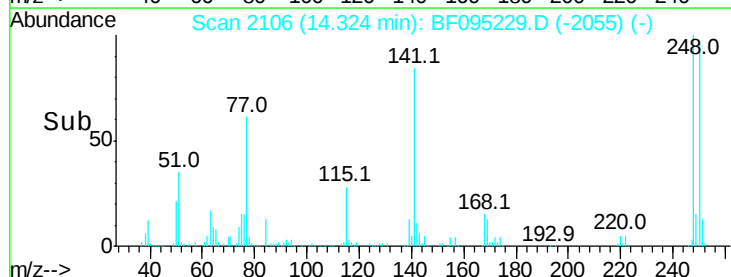
141 83.7 68.6 103.0



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: 44.63 ng

RT: 14.41 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

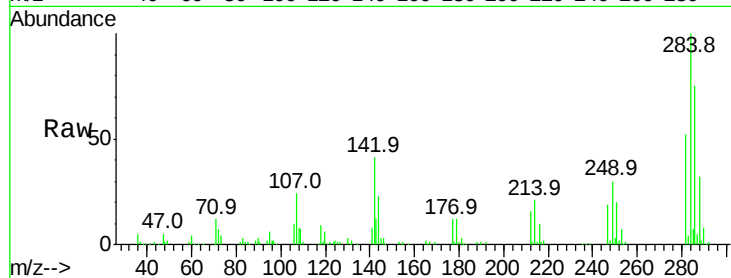
Tot Ion:284 Resp: 162552

Ion Ratio Lower Upper

284 100

142 41.2 22.8 34.2#

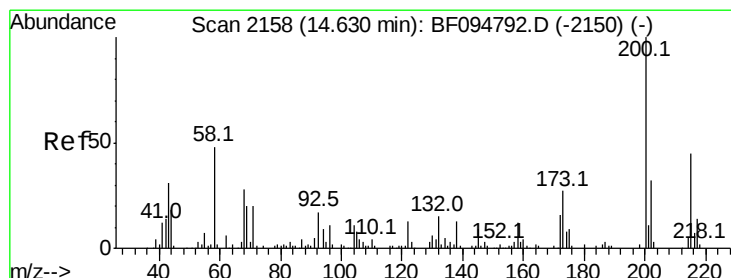
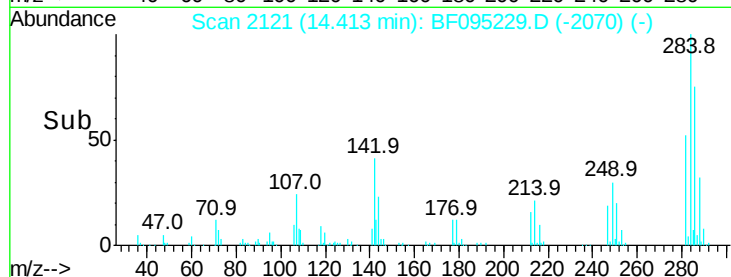
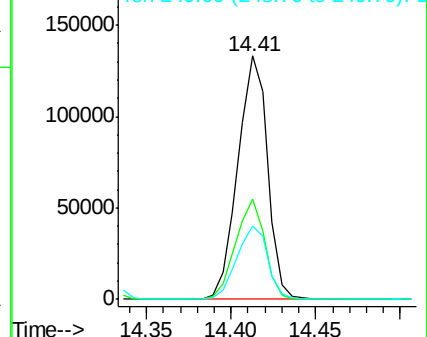
249 30.2 24.0 36.0



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: 20.83 ng

RT: 14.67 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

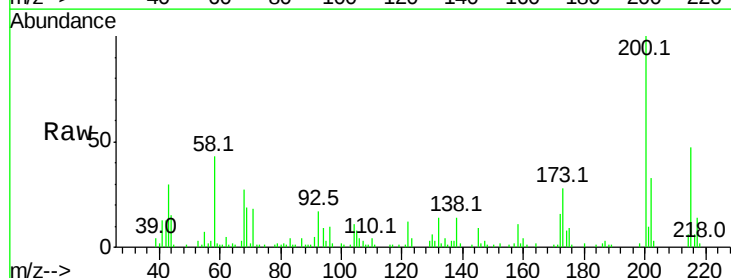
Tgt Ion:200 Resp: 71791

Ion Ratio Lower Upper

200 100

173 28.2 6.3 46.3

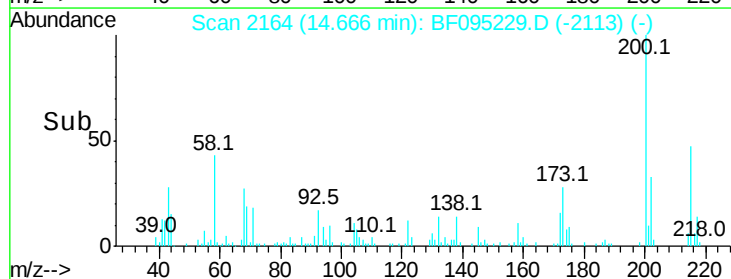
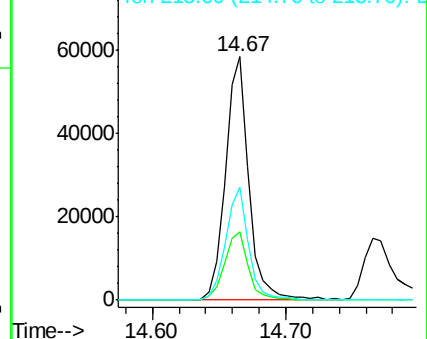
215 46.5 27.2 67.2

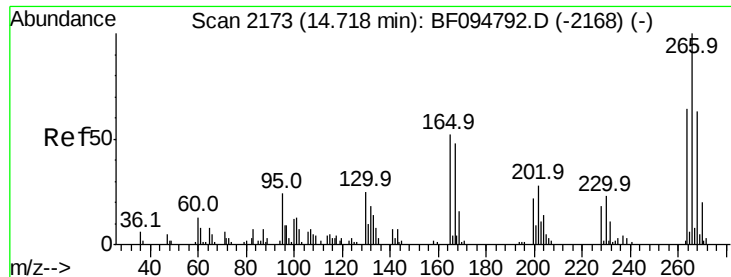


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

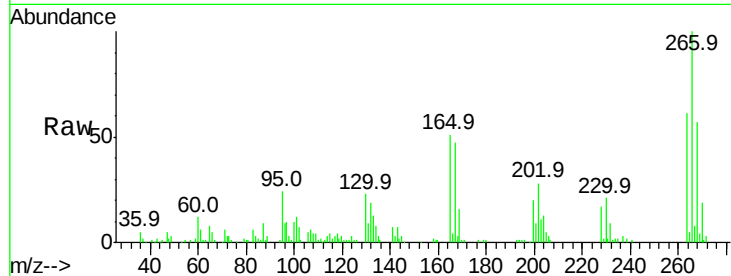




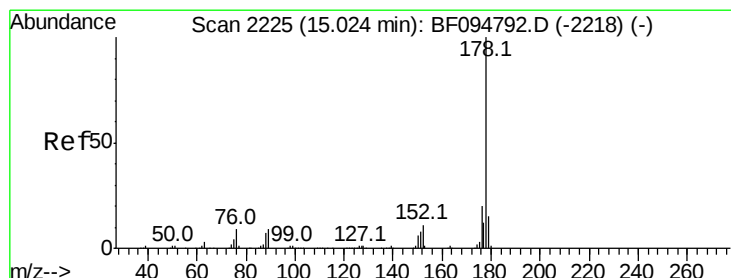
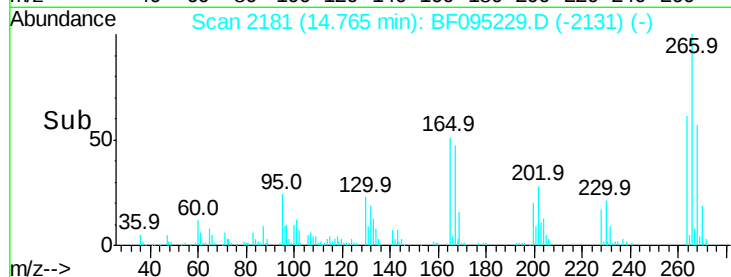
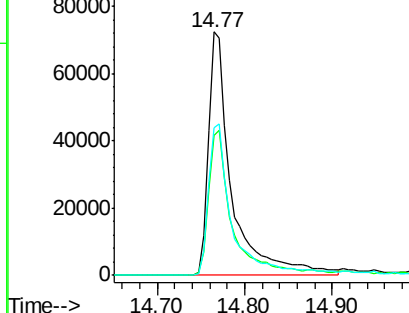
#69
 Pentachlorophenol
 Concen: 81.75 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 134844
 Ion Ratio Lower Upper
 266 100
 268 57.3 51.1 76.7
 264 60.8 51.7 77.5

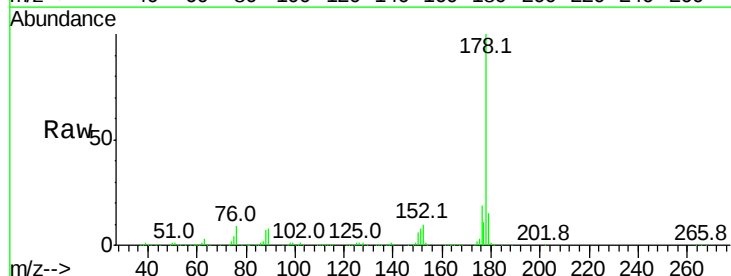


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

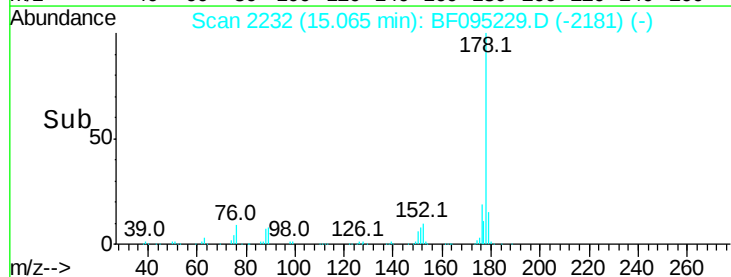
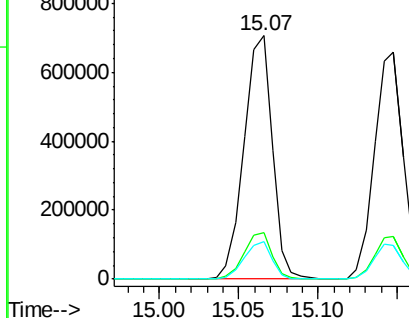


#70
 Phenanthrene
 Concen: 45.37 ng
 RT: 15.07 min Scan# 2232
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion:178 Resp: 876849
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

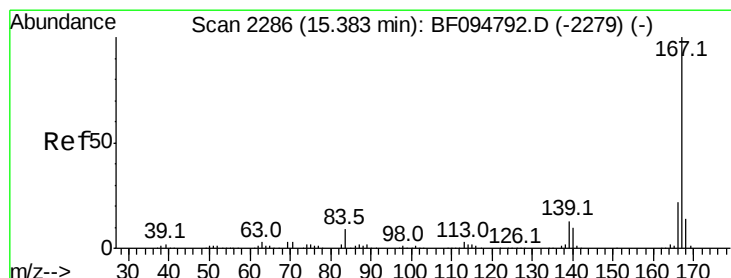
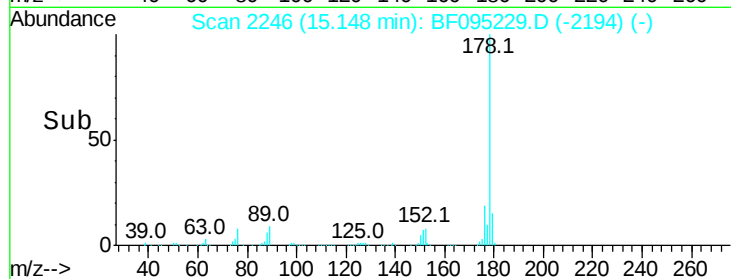
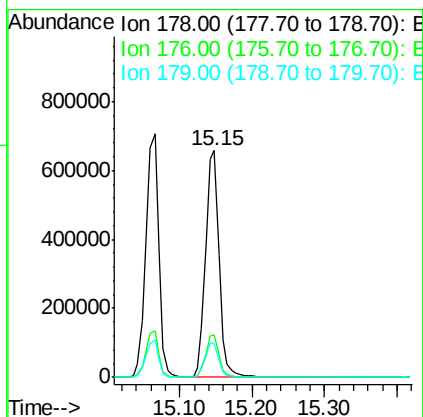
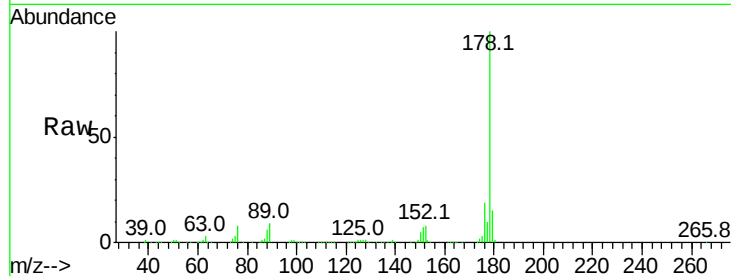




#71
 Anthracene
 Concen: 43.64 ng
 RT: 15.15 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

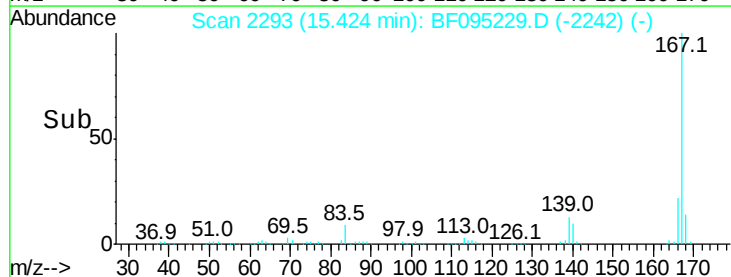
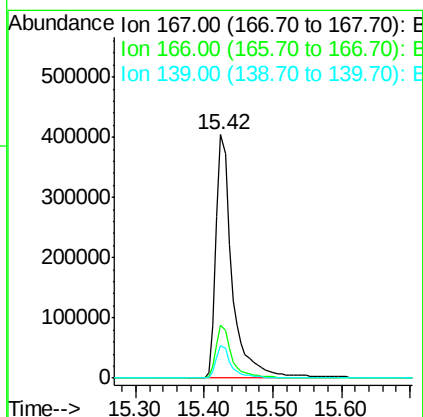
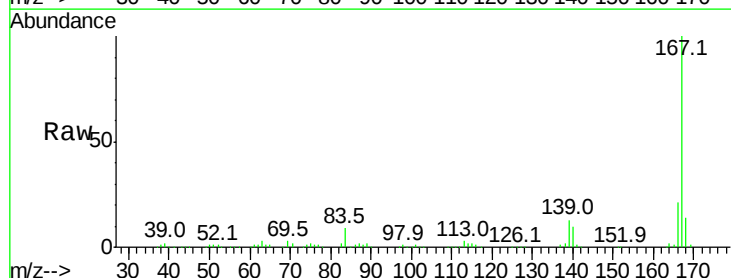
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 861520
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.1 12.7 19.1



#72
 Carbazole
 Concen: 36.84 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion:167 Resp: 661656
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.1 27.1
 139 13.1 11.7 17.5

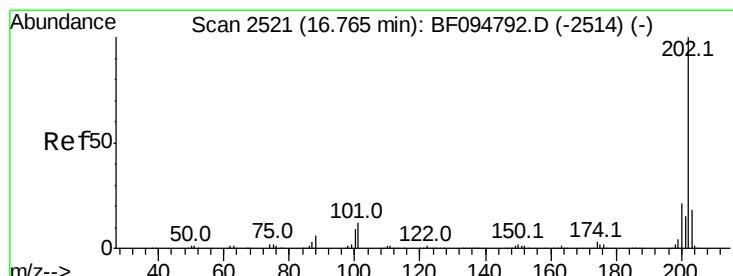
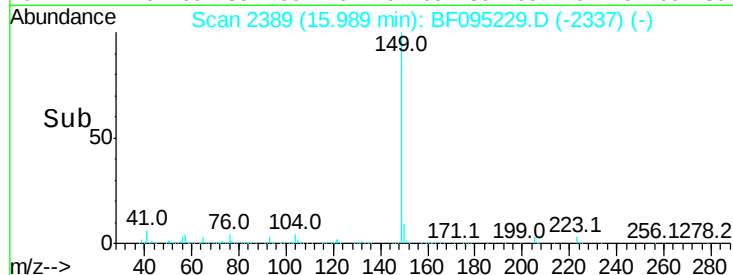
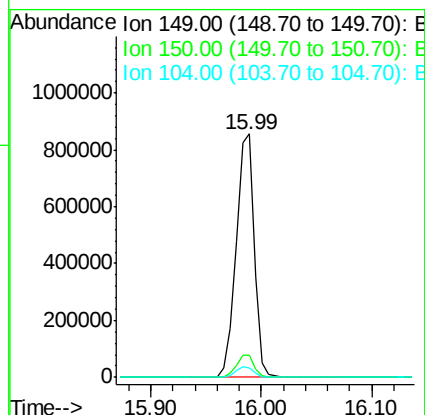
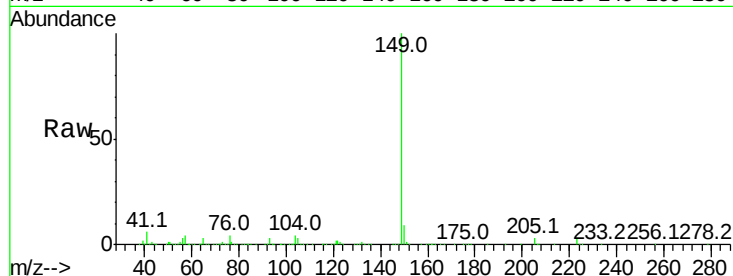




#73
Di-n-butylphthalate
Concen: 44.06 ng
RT: 15.99 min Scan# 2389
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

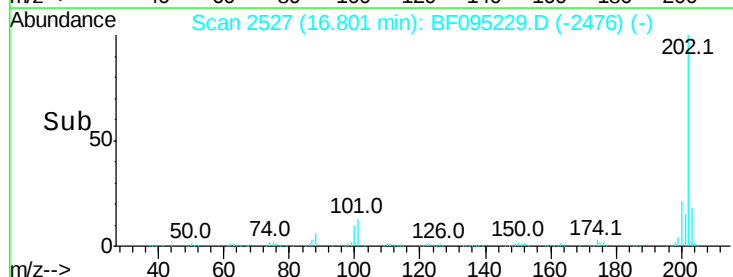
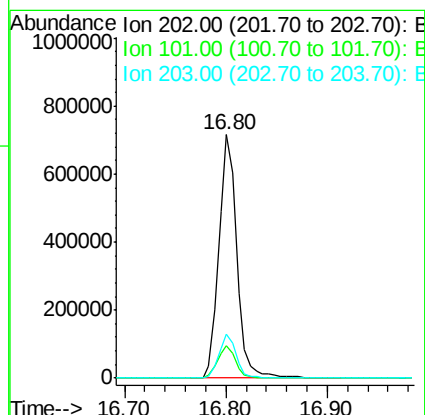
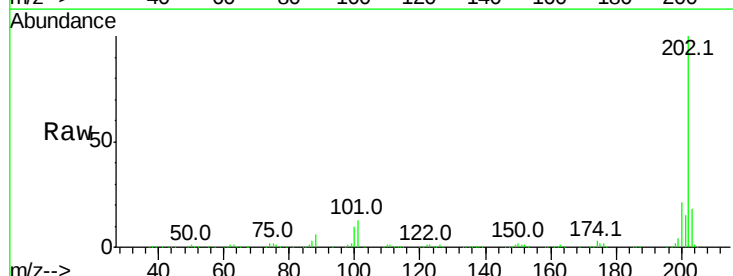
Instrument :
BNA_F
ClientSampled :

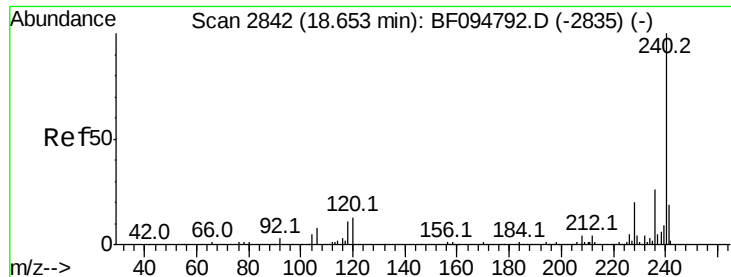
Tot Ion:149 Resp: 986902
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 44.49 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion:202 Resp: 882094
Ion Ratio Lower Upper
202 100
101 13.4 0.0 33.2
203 18.0 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: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampled :

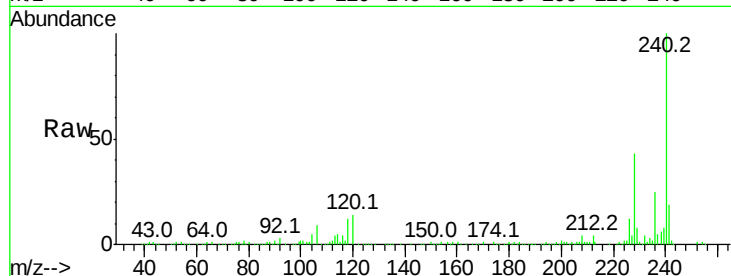
Tot Ion:240 Resp: 226685

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

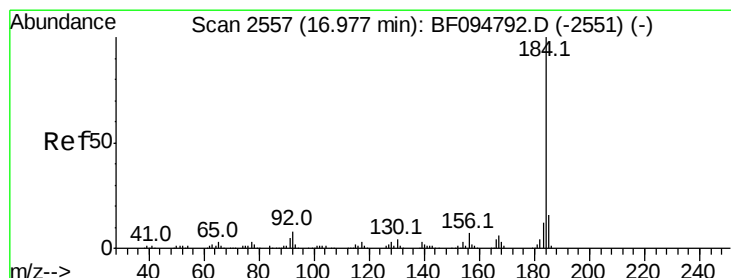
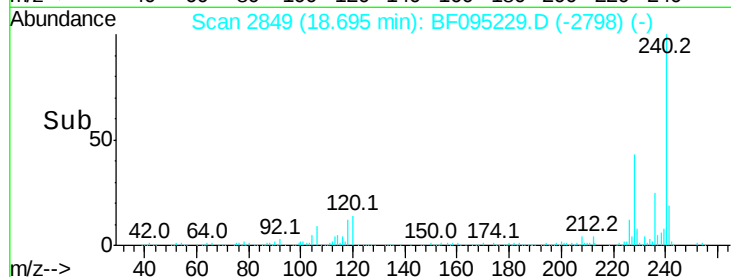
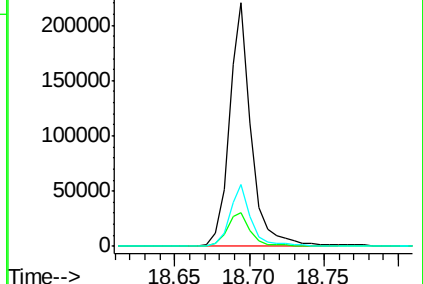
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 6.83 ng

RT: 17.07 min Scan# 2573

Delta R.T. 0.05 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

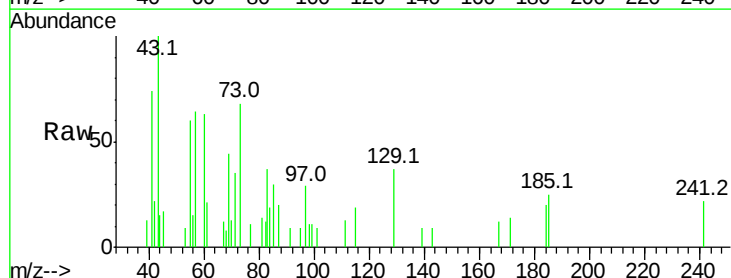
Tgt Ion:184 Resp: 1739

Ion Ratio Lower Upper

184 100

185 128.3 15.5 23.3#

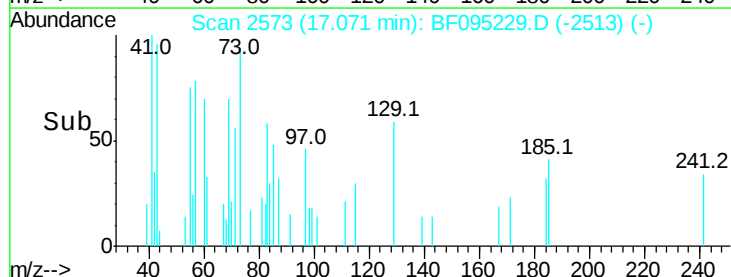
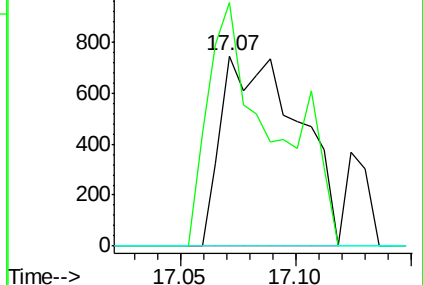
183 0.0 9.8 14.6#

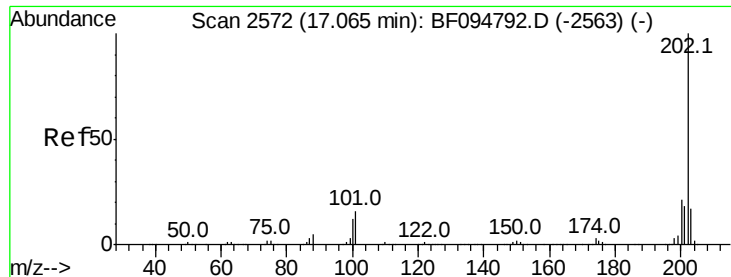


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

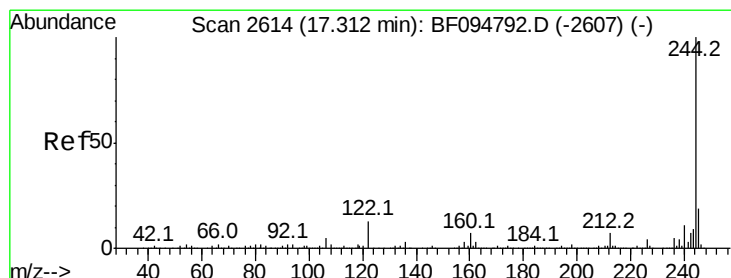
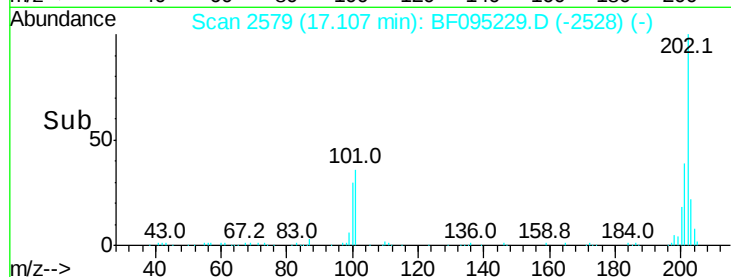
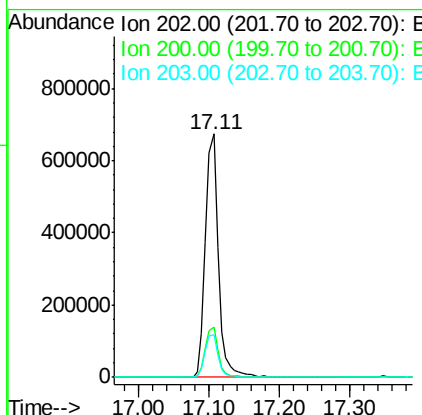
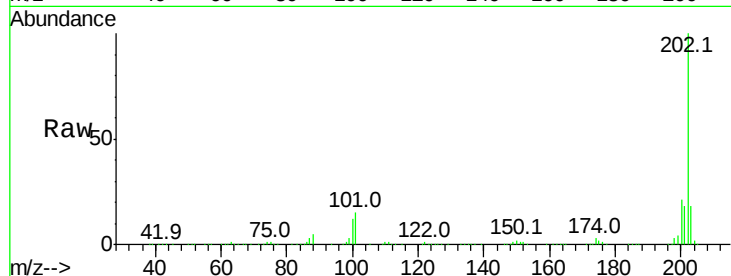




#77
Pvrene
Concen: 51.37 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

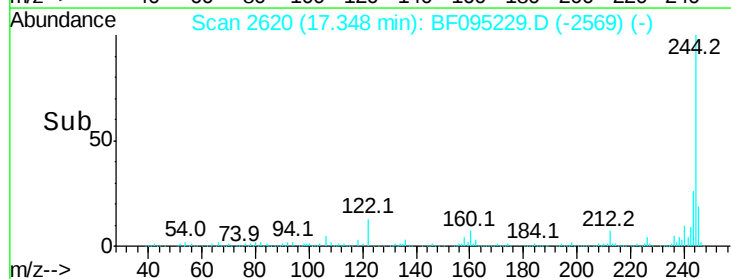
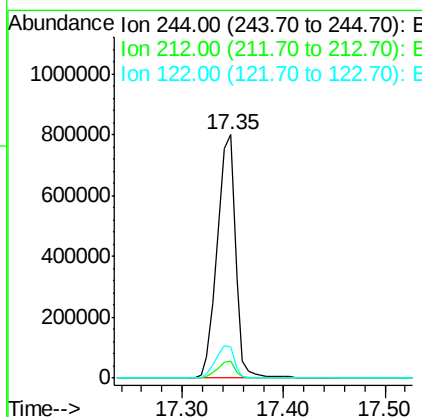
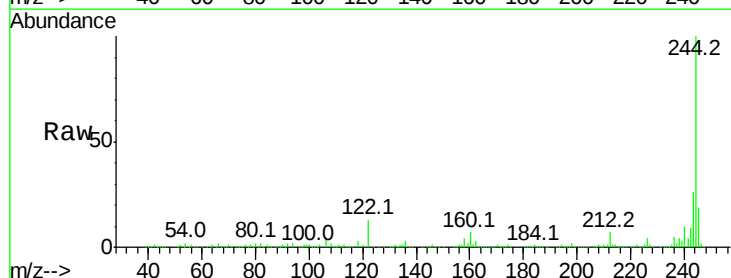
Instrument :
BNA_F
ClientSampleId :

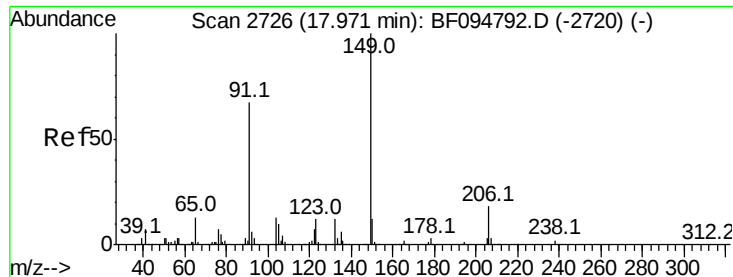
Tot Ion:202 Resp: 870860
Ion Ratio Lower Upper
202 100
200 20.6 17.6 26.4
203 17.8 14.4 21.6



#78
Terphenyl-d14
Concen: 98.57 ng
RT: 17.35 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion:244 Resp: 1014426
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 13.0 10.3 15.5





#79

Butylbenzylphthalate

Concen: 50.49 ng

RT: 18.00 min Scan# 2731

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampled :

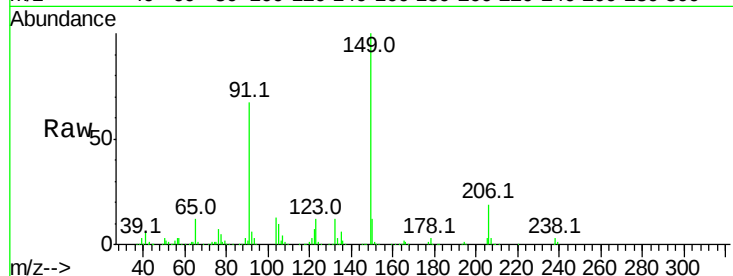
Tot Ion:149 Resp: 398124

Ion Ratio Lower Upper

149 100

91 67.4 45.0 67.4

206 18.9 17.0 25.6



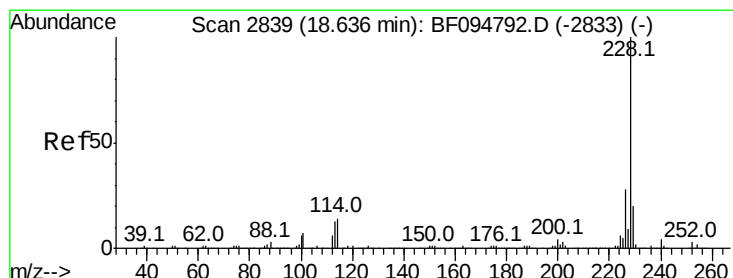
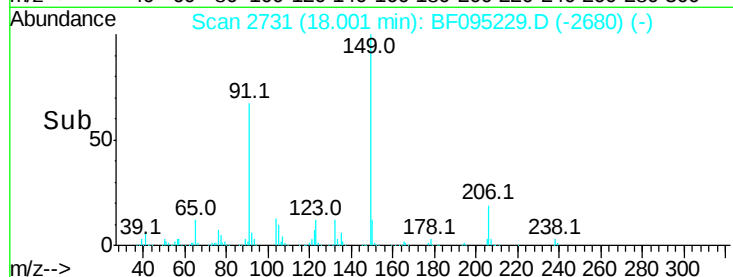
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

18.00

Time--> 17.90 18.00 18.10



#80

Benzo(a)anthracene

Concen: 46.15 ng

RT: 18.68 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

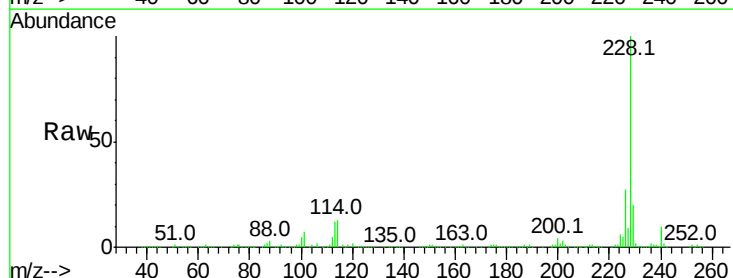
Tgt Ion:228 Resp: 608808

Ion Ratio Lower Upper

228 100

226 27.2 22.6 33.8

229 19.5 16.3 24.5



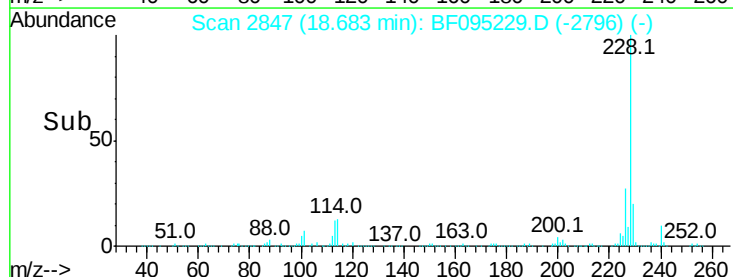
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

18.68

Time--> 18.65 18.70

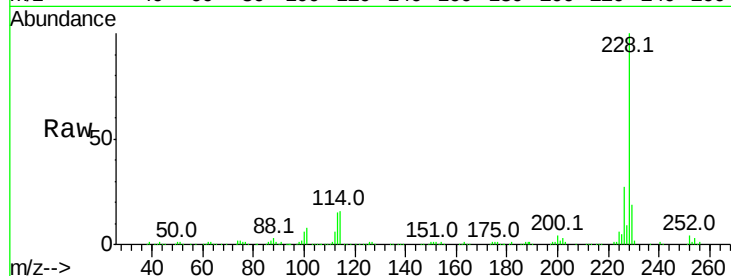




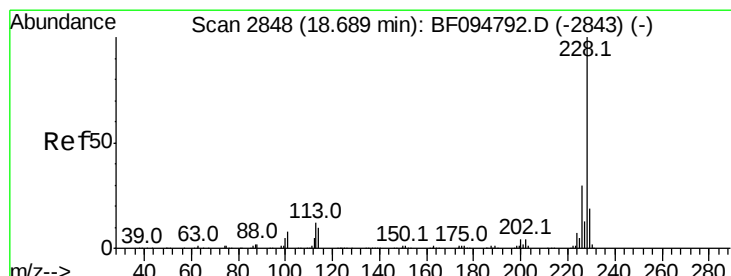
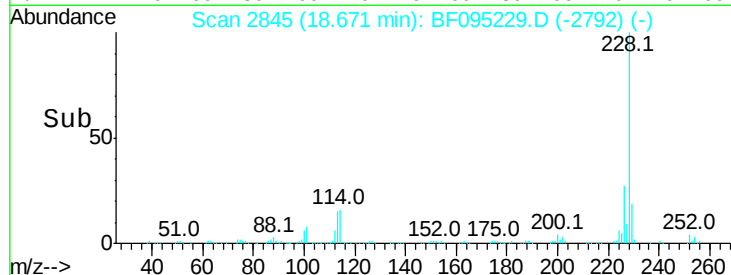
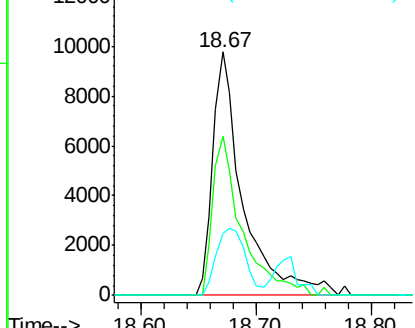
#81
 3,3'-Dichlorobenzidine
 Concen: 3.89 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. 0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 17745
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.5 77.3
 126 25.6 15.8 23.8#

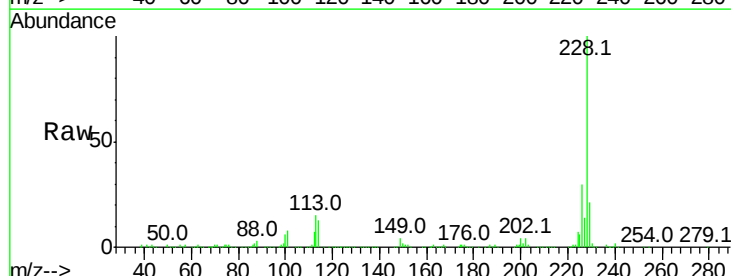


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

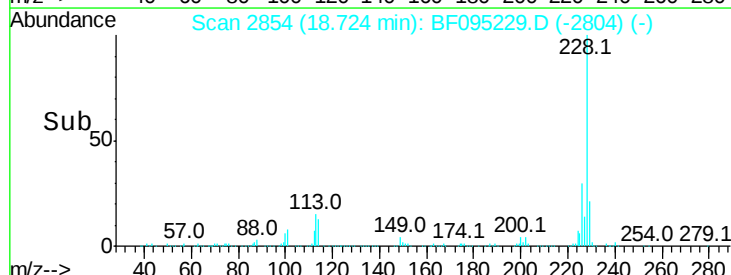
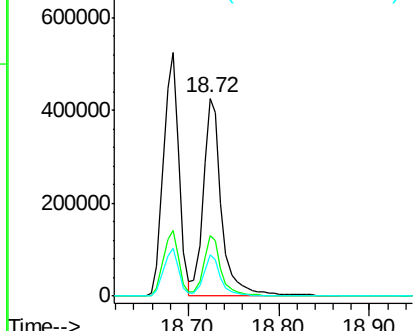


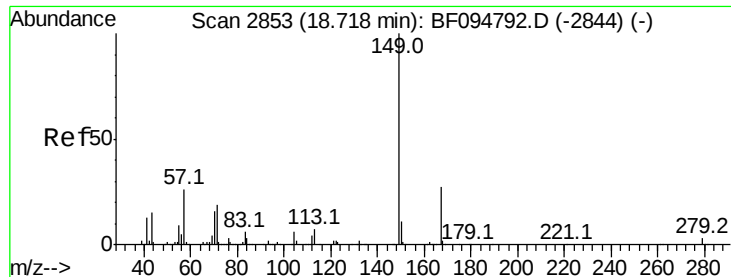
#82
 Chrysene
 Concen: 47.10 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BF095229.D
 Acq: 18 May 2017 18:49

Tgt Ion:228 Resp: 600794
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 20.9 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: 50.65 ng

RT: 18.75 min Scan# 2858

Delta R.T. 0.01 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

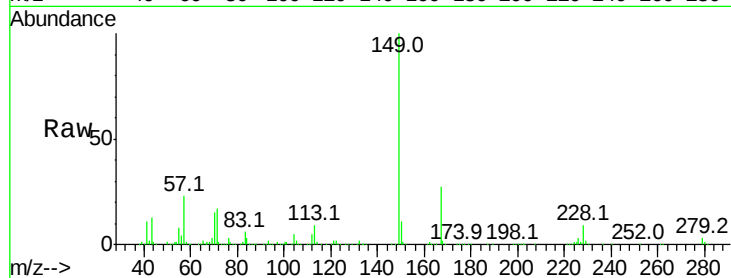
Tot Ion:149 Resp: 569078

Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.4

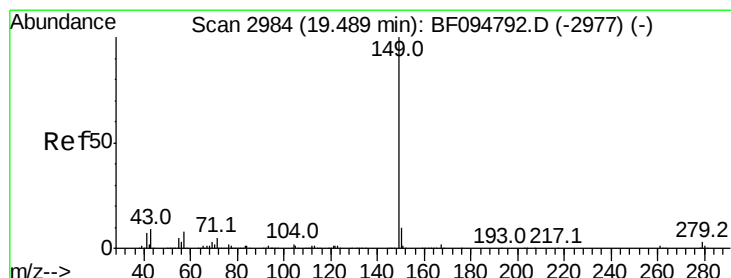
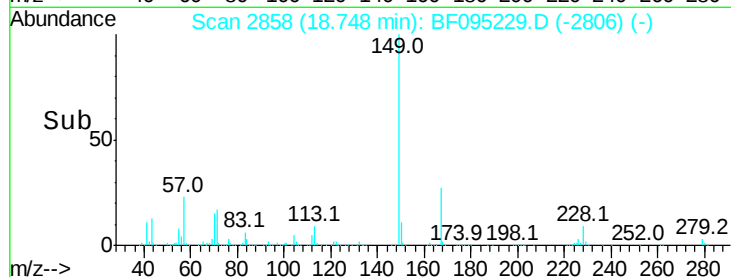
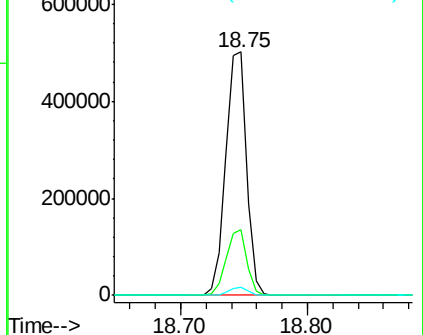
279 3.3 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.32 ng

RT: 19.51 min Scan# 2988

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

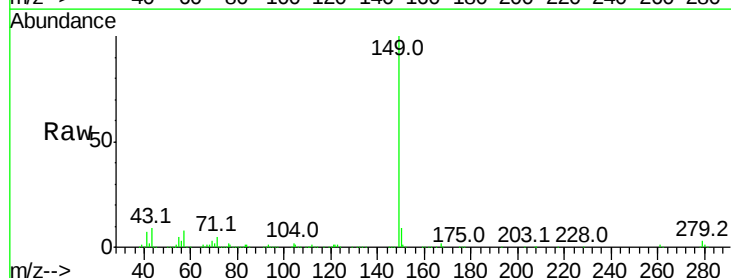
Tgt Ion:149 Resp: 890061

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

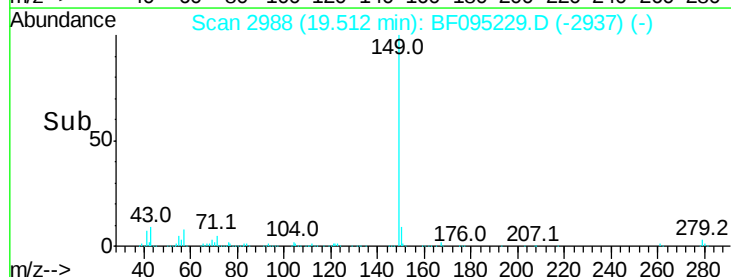
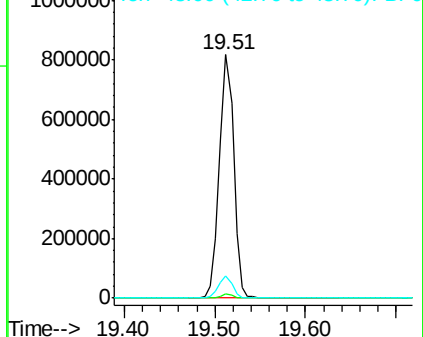
43 8.6 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

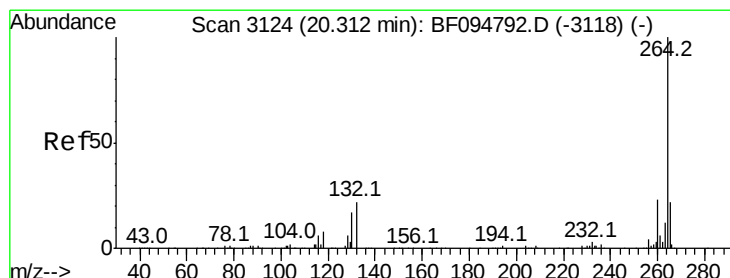
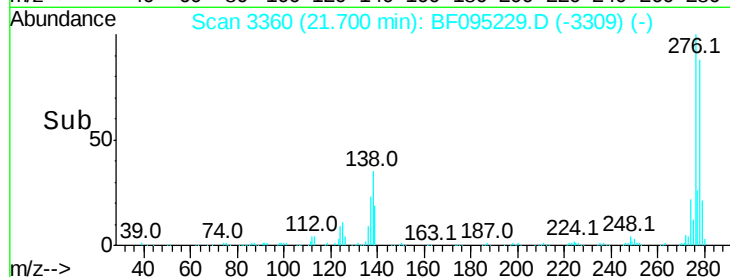
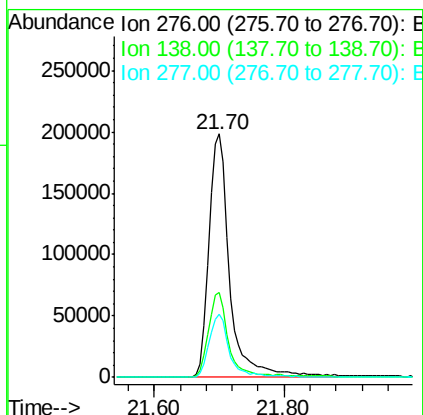
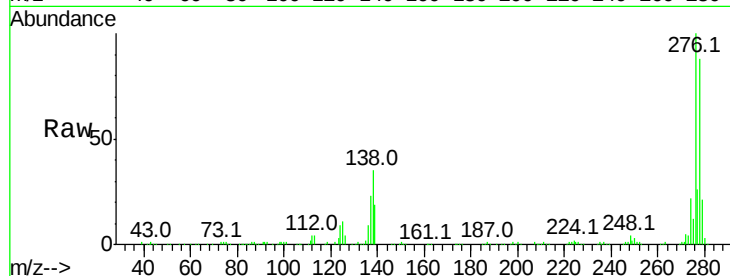




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.49 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

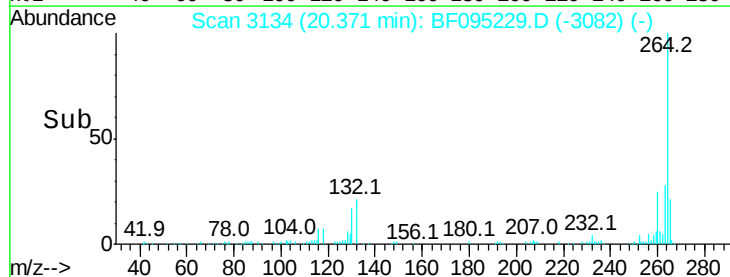
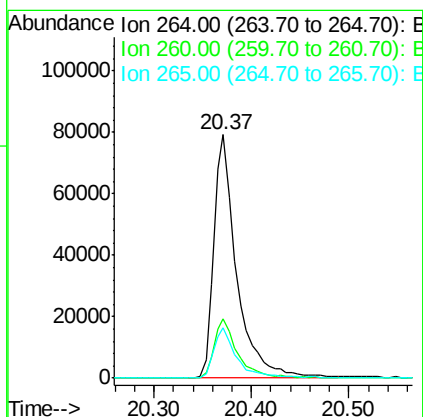
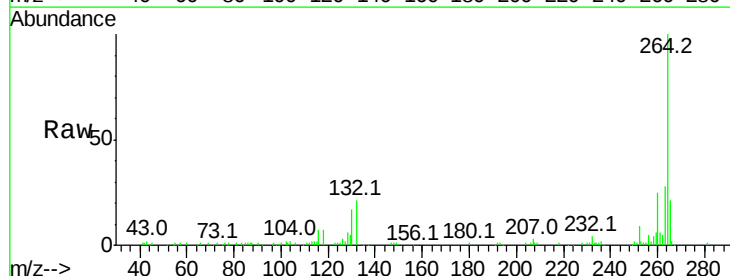
Instrument :
BNA_F
ClientSampled :

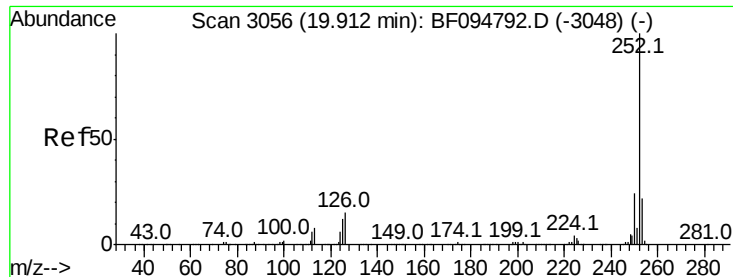
Tot Ion:276 Resp: 440148
Ion Ratio Lower Upper
276 100
138 34.0 27.8 41.6
277 25.6 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion:264 Resp: 129052
Ion Ratio Lower Upper
264 100
260 24.5 19.5 29.3
265 20.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 50.82 ng

RT: 19.96 min Scan# 3064

Delta R.T. 0.00 min

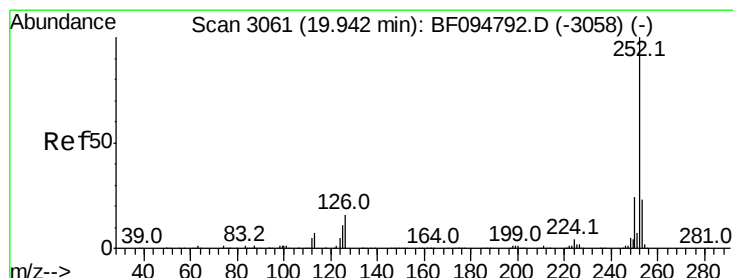
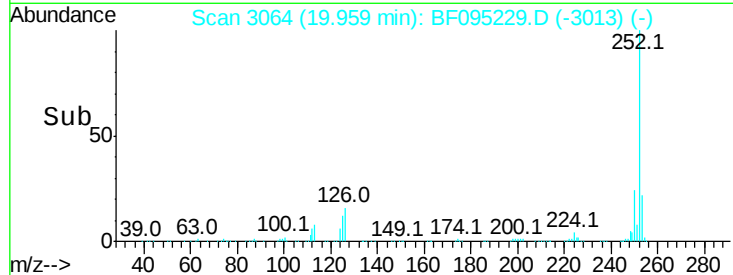
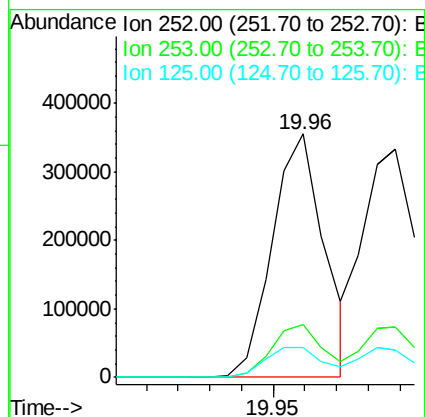
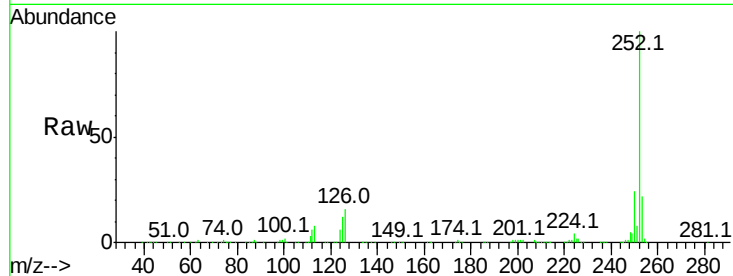
Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 405255

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	12.2	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 59.11 ng

RT: 19.99 min Scan# 3069

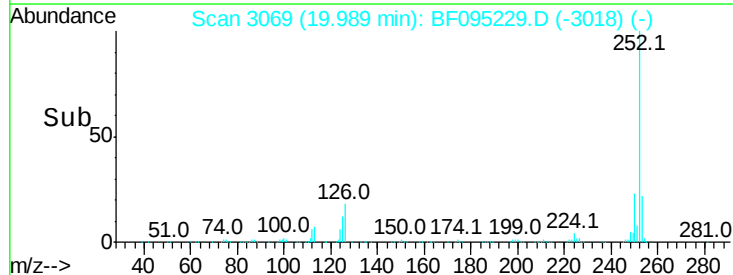
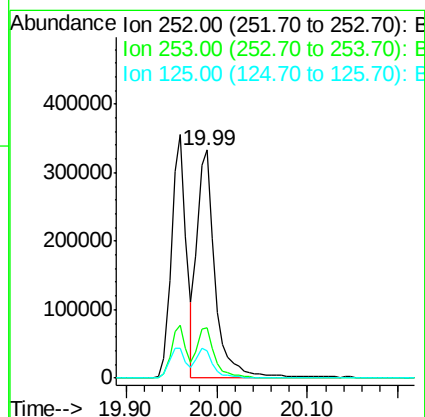
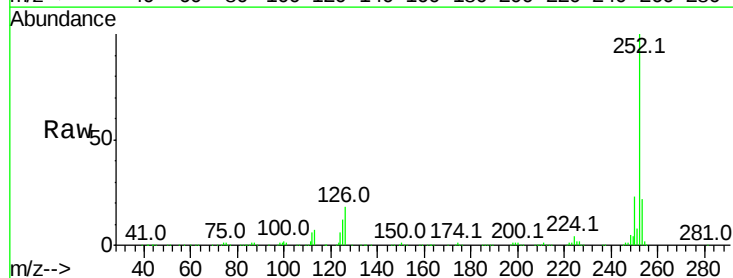
Delta R.T. 0.00 min

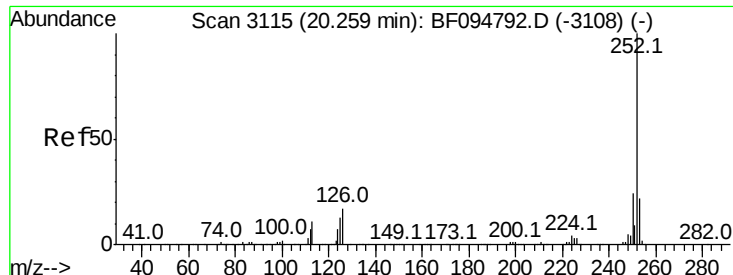
Lab File: BF095229.D

Acq: 18 May 2017 18:49

Tgt Ion:252 Resp: 454664

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	12.1	13.1	19.7#

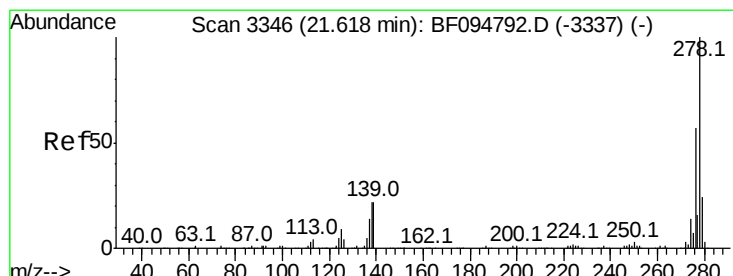
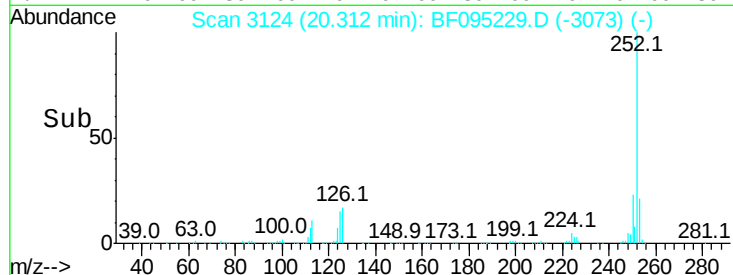
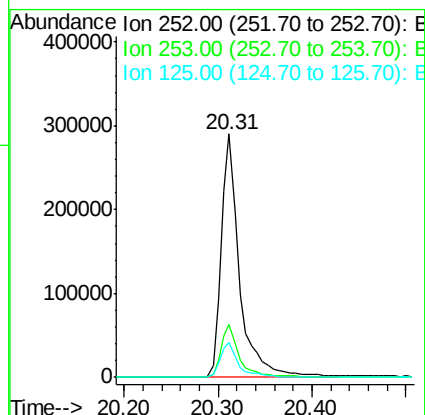
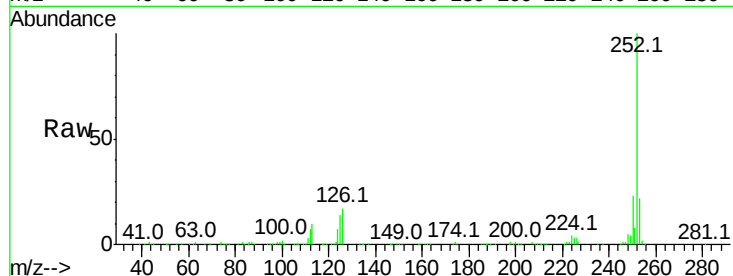




#89
Benzo(a)pyrene
Concen: 53.25 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

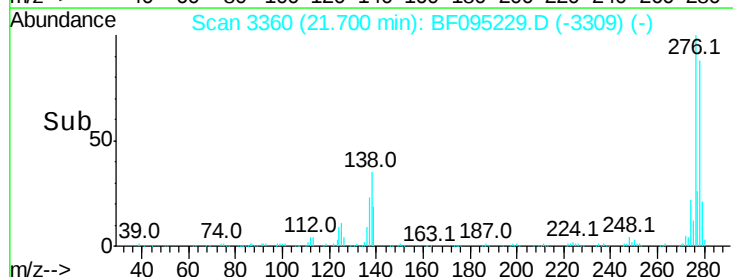
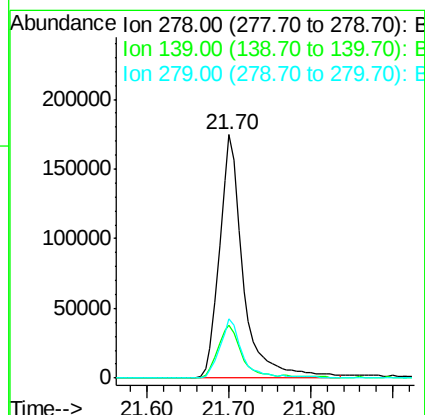
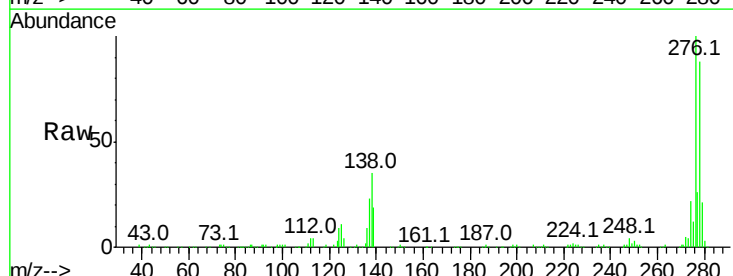
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.4	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 58.33 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BF095229.D
Acq: 18 May 2017 18:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	16.6	24.8
279	24.2	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 66.95 ng

RT: 22.08 min Scan# 3425

Delta R.T. 0.00 min

Lab File: BF095229.D

Acq: 18 May 2017 18:49

Instrument :

BNA_F

ClientSampleId :

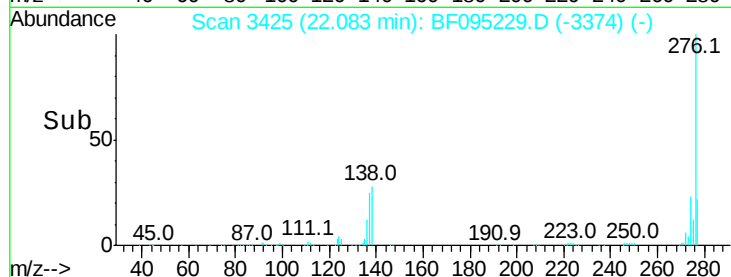
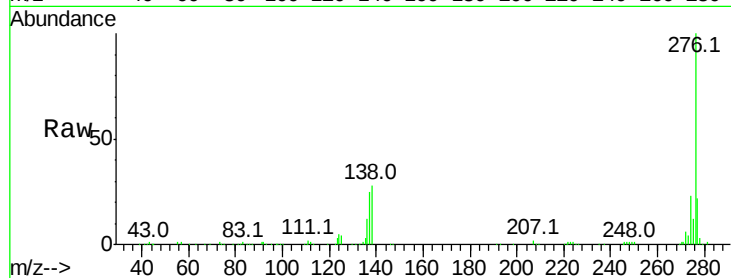
Tot Ion: 276 Resp: 399237

Ion Ratio Lower Upper

276 100

277 22.3 18.6 28.0

138 27.8 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

