

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061217\
 Data File : BF095879.D
 Acq On : 12 Jun 2017 19:01
 Operator : SJ/MA
 Sample : I3583-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 05:32:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	66792	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	279198	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	130007	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	239782	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	180751	20.00	ng	-0.04
86) Perylene-d12	19.99	264	127243	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	618609	147.58	ng	0.00
7) Phenol-d6	6.92	99	673027	134.12	ng	-0.04
23) Nitrobenzene-d5	8.27	82	470339	104.62	ng	-0.05
41) 2,4,6-Tribromophenol	13.51	330	167335	145.48	ng	-0.04
44) 2-Fluorobiphenyl	11.16	172	927769	99.31	ng	-0.05
78) Terphenyl-d14	16.98	244	766225	105.20	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	1.88	88	83717	41.98	ng	# 80
3) Pyridine	2.43	79	113230	24.16	ng	99
4) n-Nitrosodimethylamine	2.33	42	85760	48.13	ng	# 79
6) Aniline	6.87	93	57201	8.71	ng	94
8) 2-Chlorophenol	7.04	128	237297	53.24	ng	98
9) Benzaldehyde	6.69	77	30883	9.12	ng	98
10) Phenol	6.94	94	257157	49.40	ng	92
11) bis(2-Chloroethyl)ether	7.00	93	214226	51.95	ng	96
12) 1,3-Dichlorobenzene	7.25	146	247367	49.04	ng	99
13) 1,4-Dichlorobenzene	7.37	146	249025	48.68	ng	97
14) 1,2-Dichlorobenzene	7.60	146	235487	49.93	ng	97
15) Benzyl Alcohol	7.66	79	188452	54.71	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.85	45	301144	51.98	ng	95
17) 2-Methylphenol	7.89	107	196370	52.50	ng	96
18) Hexachloroethane	8.12	117	85579	50.65	ng	# 87
19) n-Nitroso-di-n-propylamine	8.09	70	169321	53.24	ng	94
20) 3+4-Methylphenols	8.16	107	249153	52.48	ng	# 61
22) Acetophenone	8.05	105	339284	51.92	ng	# 83
24) Nitrobenzene	8.29	77	237336	49.42	ng	93
25) Isophorone	8.70	82	431666	51.42	ng	95
26) 2-Nitrophenol	8.81	139	133521	53.10	ng	98
27) 2,4-Dimethylphenol	8.96	122	209477	53.68	ng	98
28) bis(2-Chloroethoxy)methane	9.08	93	282691	51.09	ng	99
29) 2,4-Dichlorophenol	9.24	162	200475	53.34	ng	99
30) 1,2,4-Trichlorobenzene	9.32	180	197320	50.45	ng	98
31) Naphthalene	9.42	128	718485	51.28	ng	99
32) Benzoic acid	9.35	122	89234	37.80	ng	93
33) 4-Chloroaniline	9.60	127	58509	10.68	ng	# 90
34) Hexachlorobutadiene	9.63	225	98117	48.55	ng	97
35) Caprolactam	10.18	113	3073	2.75	ng	95
36) 4-Chloro-3-methylphenol	10.45	107	203890	51.82	ng	89
37) 2-Methylnaphthalene	10.55	142	490507	51.81	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.82	216	189691	48.75	ng	98
40) Hexachlorocyclopentadiene	10.79	237	100625	82.15	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.06	196	127106	50.81	nq	98
43) 2,4,5-Trichlorophenol	11.15	196	125775	47.27	nq	93
45) 1,1'-Biphenyl	11.31	154	543043	50.68	nq	97
46) 2-Chloronaphthalene	11.33	162	421866	50.39	nq	96
47) 2-Nitroaniline	11.55	65	123514	50.42	nq	# 81
48) Acenaphthylene	11.97	152	668254	46.68	nq	98
49) Dimethylphthalate	11.87	163	412631	41.80	nq	99
50) 2,6-Dinitrotoluene	11.97	165	106820	49.61	nq	# 81
51) Acenaphthene	12.26	154	395258	47.81	nq	98
52) 3-Nitroaniline	12.23	138	64939	25.89	nq	83
53) 2,4-Dinitrophenol	12.45	184	106298	86.61	nq	# 70
54) Dibenzofuran	12.55	168	605580	52.04	nq	98
55) 4-Nitrophenol	12.64	139	108625	74.50	nq	# 74
56) 2,4-Dinitrotoluene	12.64	165	150611	51.79	nq	# 89
57) Fluorene	13.10	166	480054	47.40	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.80	232	100631	55.27	nq	# 89
59) Diethylphthalate	13.02	149	430786	45.35	nq	99
60) 4-Chlorophenyl-phenylether	13.13	204	213676	48.52	nq	90
61) 4-Nitroaniline	13.24	138	111227	47.49	nq	97
62) Azobenzene	13.39	77	415287	48.24	nq	95
64) 4,6-Dinitro-2-methylphenol	13.31	198	73065	46.36	nq	# 71
65) n-Nitrosodiphenylamine	13.34	169	413434	47.98	nq	100
66) 4-Bromophenyl-phenylether	13.91	248	121263	48.66	nq	97
67) Hexachlorobenzene	13.99	284	120885	49.23	nq	# 87
68) Atrazine	14.27	200	113811	47.46	nq	98
69) Pentachlorophenol	14.36	266	69193	74.78	nq	99
70) Phenanthrene	14.64	178	673111	48.65	nq	98
71) Anthracene	14.73	178	686745	47.55	nq	97
72) Carbazole	15.02	167	639889	45.46	nq	98
73) Di-n-butylphthalate	15.62	149	770130	51.43	nq	99
74) Fluoranthene	16.42	202	669072	48.86	nq	99
76) Benzidine	16.67	184	17285	2.49	nq	# 92
77) Pyrene	16.72	202	690082	51.17	nq	99
79) Butylbenzylphthalate	17.64	149	310513	52.72	nq	# 87
80) Benzo(a)anthracene	18.31	228	511274	48.65	nq	99
81) 3,3'-Dichlorobenzidine	18.29	252	83069	22.23	nq	# 98
82) Chrysene	18.36	228	494954	47.13	nq	99
83) Bis(2-ethylhexyl)phthalate	18.40	149	432610	52.07	nq	# 100
84) Di-n-octyl phthalate	19.16	149	657511	48.02	nq	96
85) Indeno(1,2,3-cd)pyrene	21.16	276	381140	42.42	nq	99
87) Benzo(b)fluoranthene	19.58	252	407757	51.18	nq	97
88) Benzo(k)fluoranthene	19.61	252	358570	47.08	nq	95
89) Benzo(a)pyrene	19.93	252	356624	48.70	nq	99
90) Dibenzo(a,h)anthracene	21.15	278	320702	51.63	nq	95
91) Benzo(g,h,i)perylene	21.48	276	341666	53.95	nq	97

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

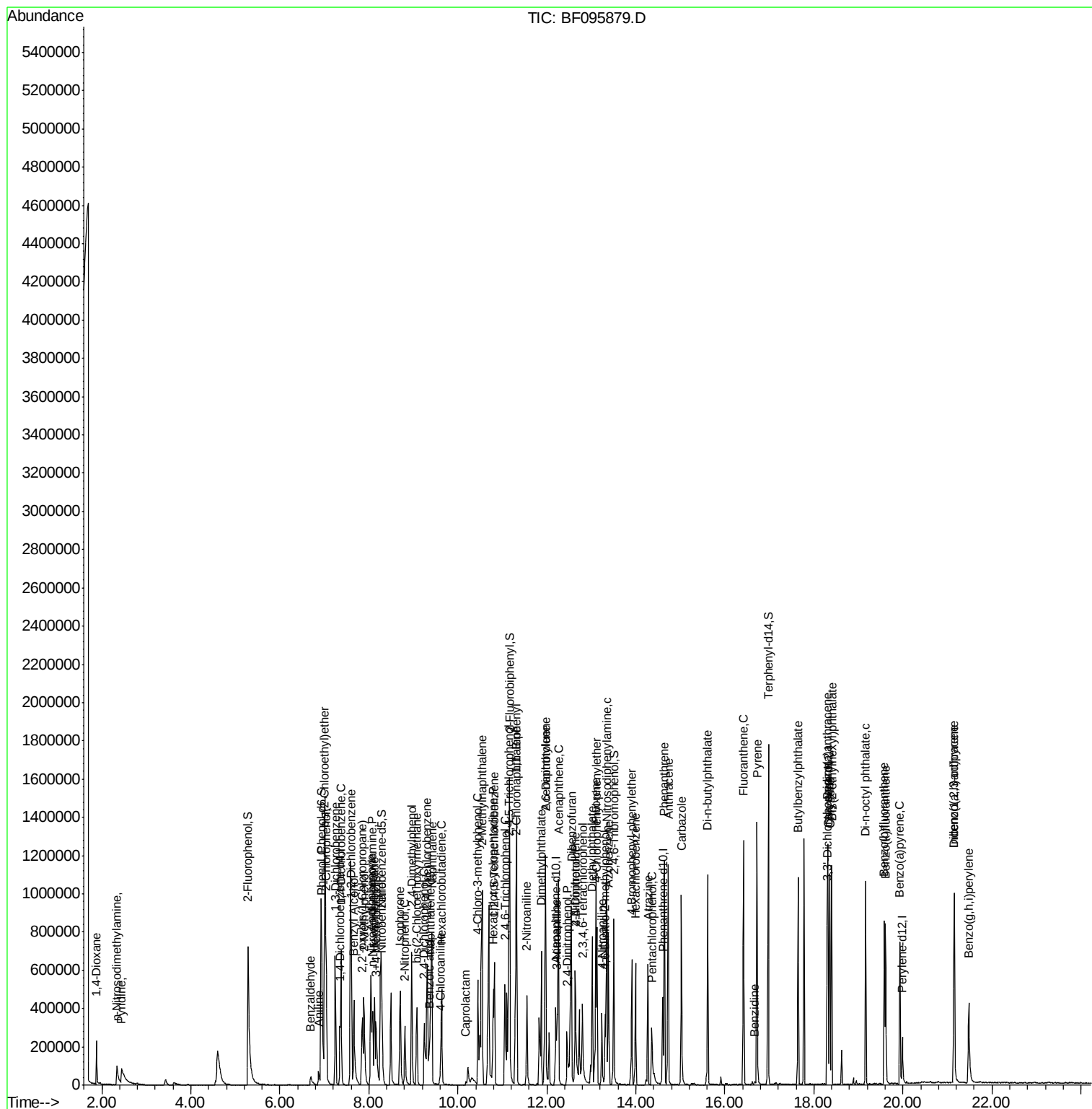
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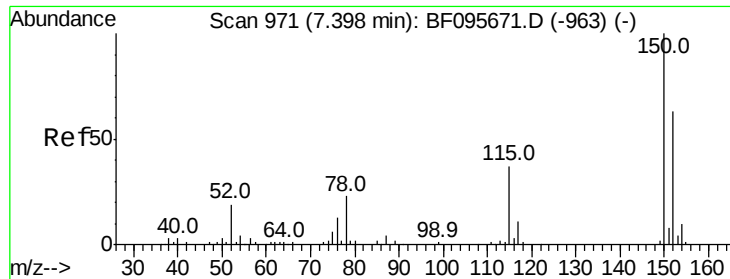
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061217\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.35 min Scan# 979

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampleId :

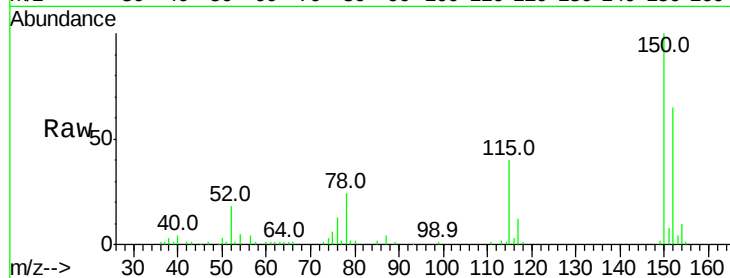
Tot Ion:152 Resp: 66792

Ion Ratio Lower Upper

152 100

150 154.4 126.2 189.2

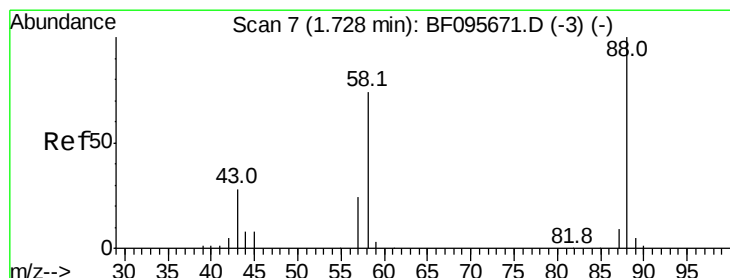
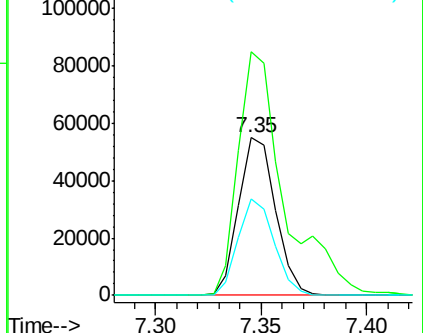
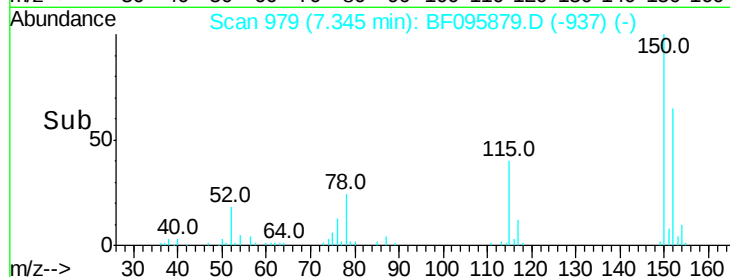
115 61.5 52.2 78.2



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: 41.98 ng

RT: 1.88 min Scan# 50

Delta R.T. 0.15 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

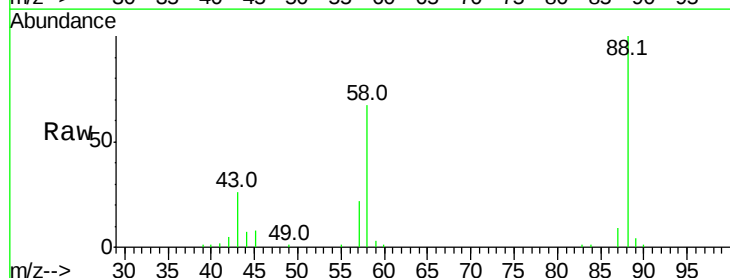
Tgt Ion: 88 Resp: 83717

Ion Ratio Lower Upper

88 100

58 71.0 61.4 92.0

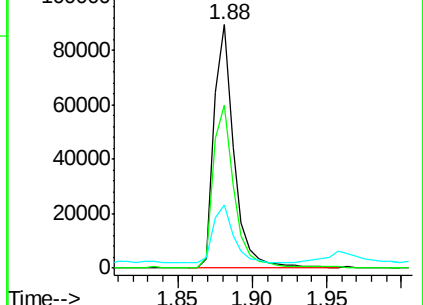
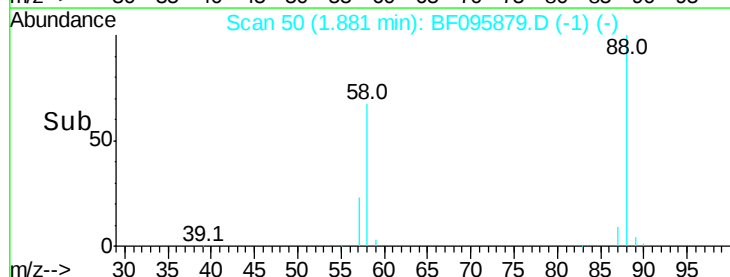
43 0.0 23.4 35.0#

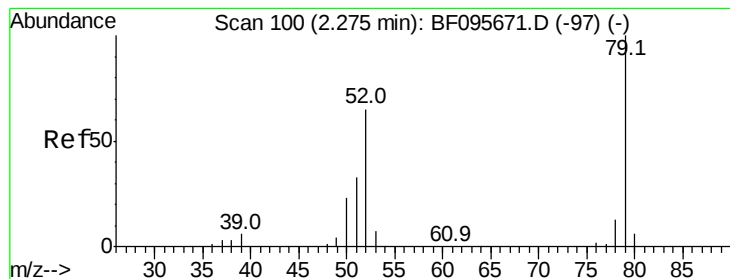


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 24.16 ng

RT: 2.43 min Scan# 144

Delta R.T. 0.16 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampleId :

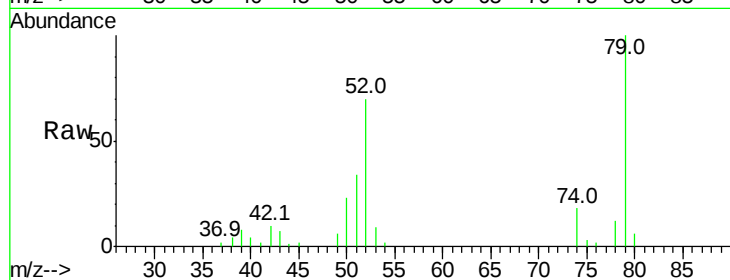
Tot Ion: 79 Resp: 113230

Ion Ratio Lower Upper

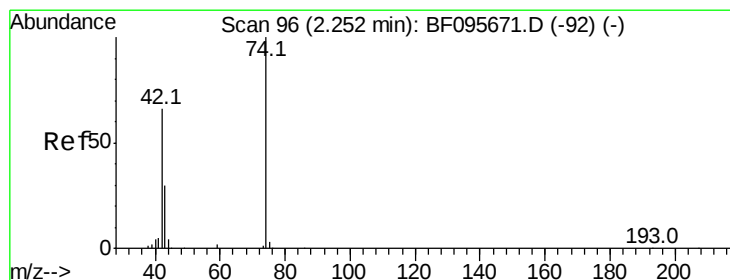
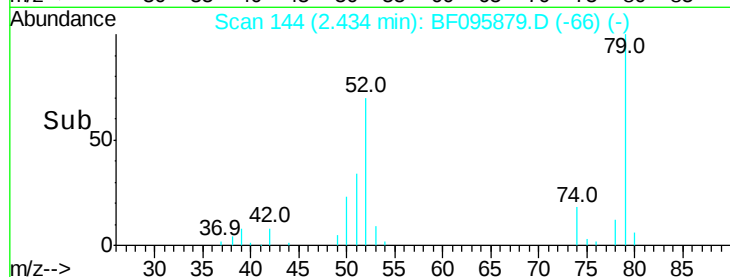
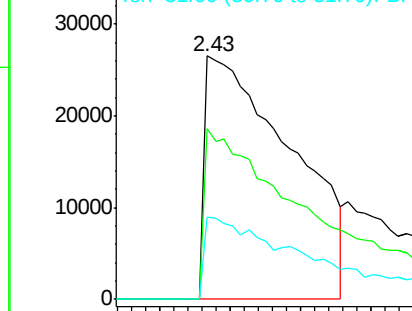
79 100

52 70.0 54.8 82.2

51 33.6 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 48.13 ng

RT: 2.33 min Scan# 127

Delta R.T. 0.08 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

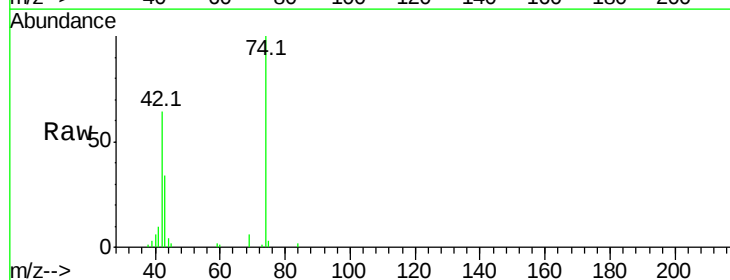
Tgt Ion: 42 Resp: 85760

Ion Ratio Lower Upper

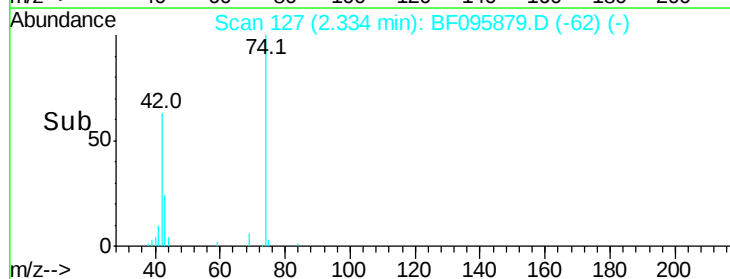
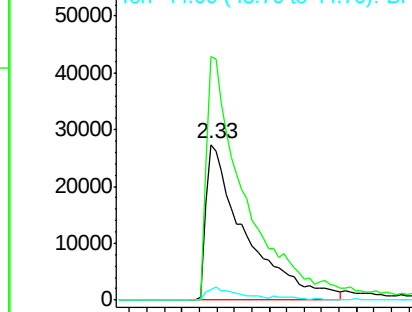
42 100

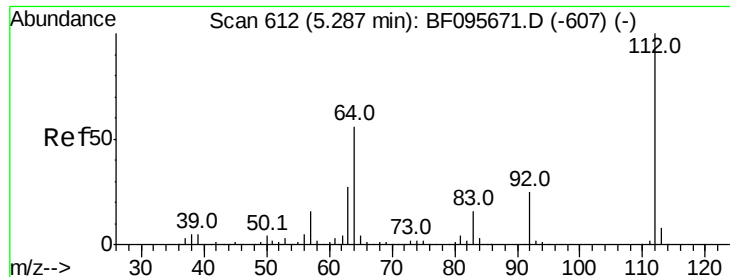
74 156.2 103.9 155.9#

44 6.9 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 147.58 ng

RT: 5.29 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampled :

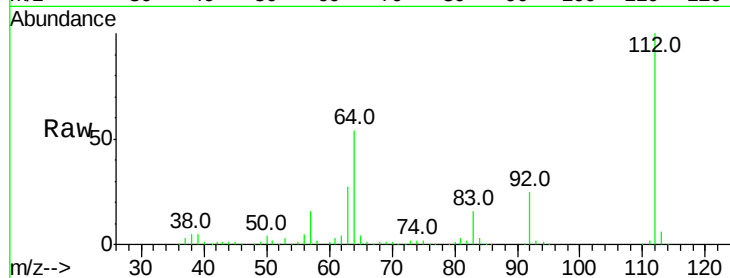
Tot Ion:112 Resp: 618609

Ion Ratio Lower Upper

112 100

64 54.1 46.0 69.0

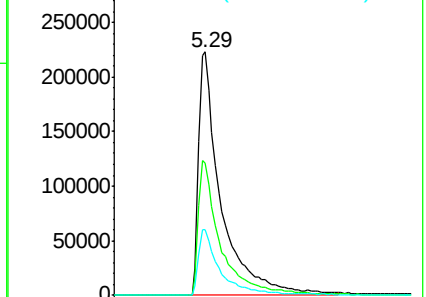
63 27.0 23.4 35.0



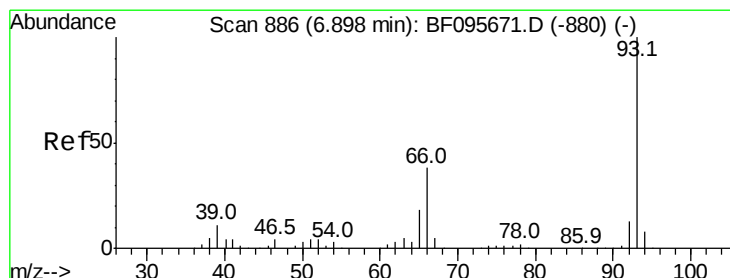
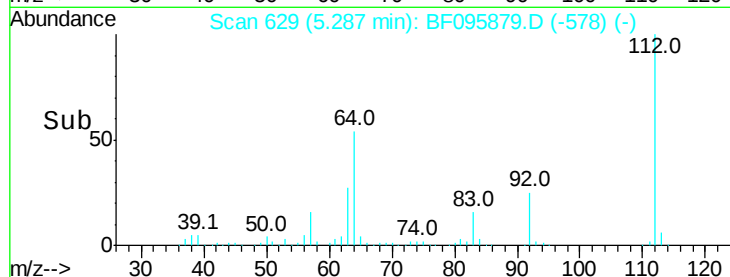
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 8.71 ng

RT: 6.87 min Scan# 898

Delta R.T. -0.03 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

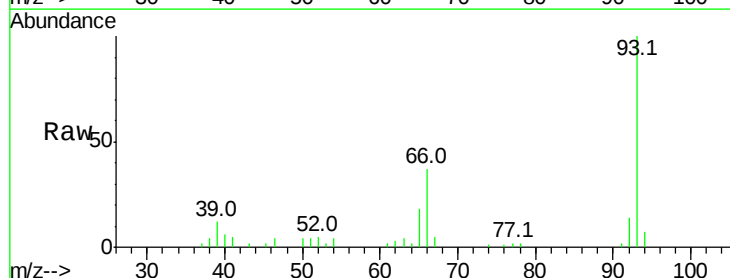
Tgt Ion: 93 Resp: 57201

Ion Ratio Lower Upper

93 100

66 36.5 32.9 49.3

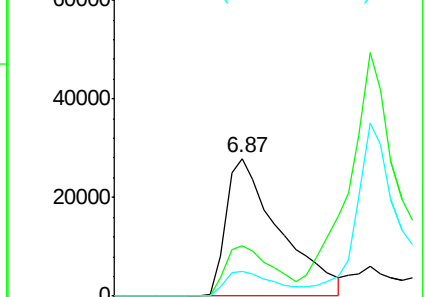
65 18.3 16.0 24.0



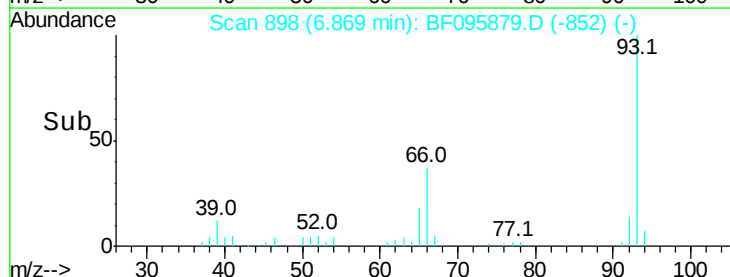
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->





#7

Phenol-d6

Concen: 134.12 ng

RT: 6.92 min Scan# 907

Delta R.T. -0.04 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampled :

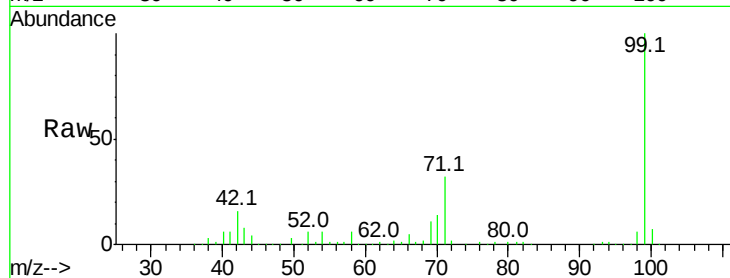
Tot Ion: 99 Resp: 673027

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

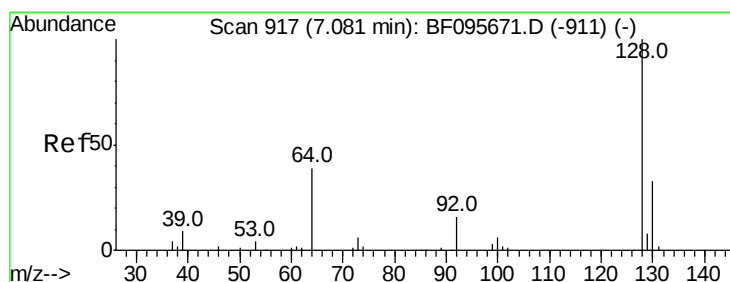
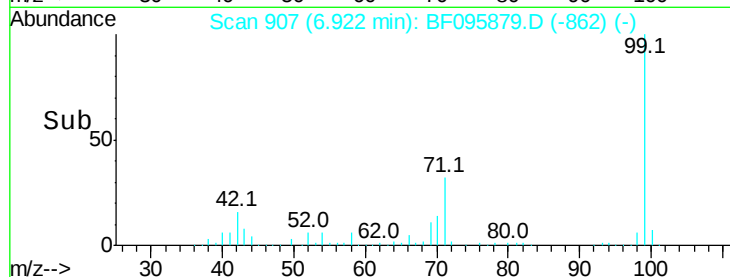
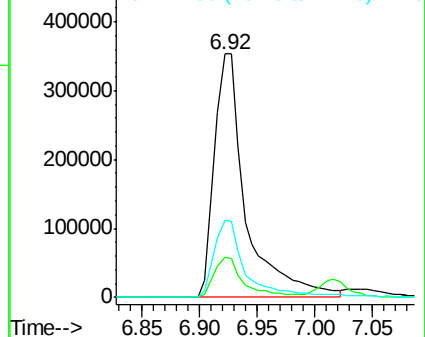
71 31.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 53.24 ng

RT: 7.04 min Scan# 927

Delta R.T. -0.04 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

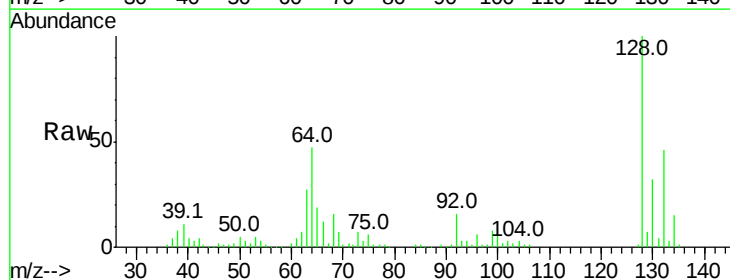
Tgt Ion: 128 Resp: 237297

Ion Ratio Lower Upper

128 100

130 31.9 12.9 52.9

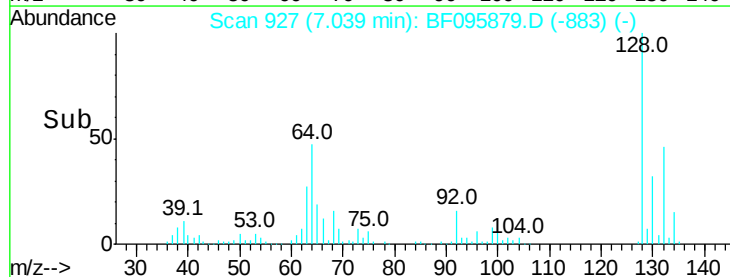
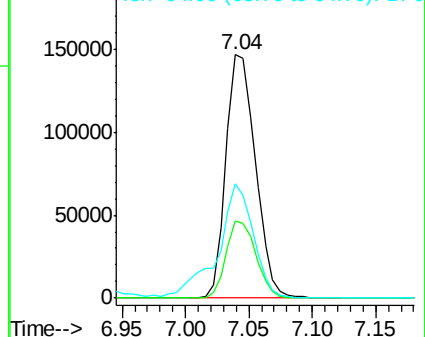
64 47.0 28.4 68.4

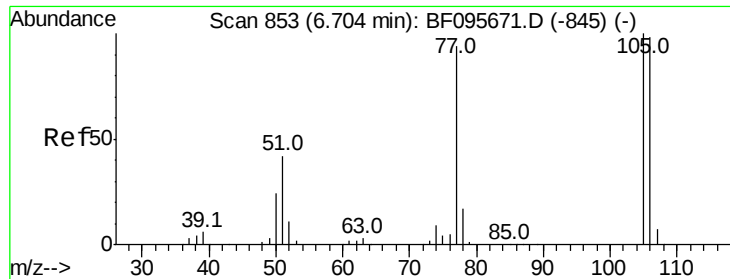


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.12 ng

RT: 6.69 min Scan# 867

Delta R.T. -0.02 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampled :

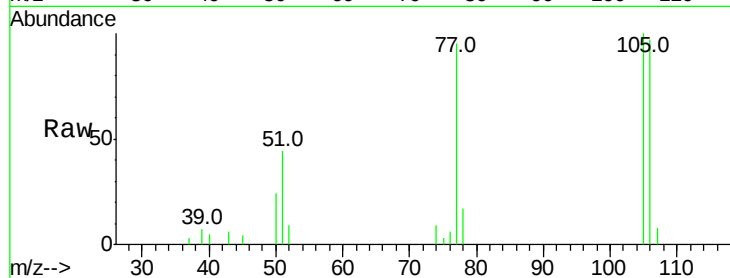
Tot Ion: 77 Resp: 30883

Ion Ratio Lower Upper

77 100

105 104.8 83.8 123.8

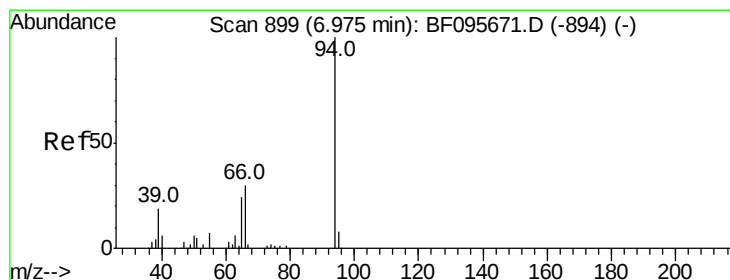
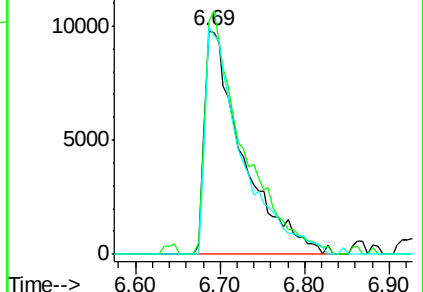
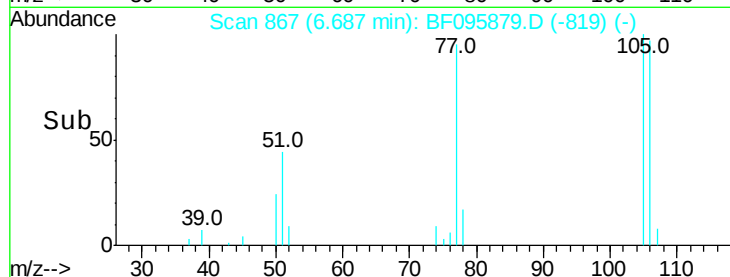
106 101.8 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 49.40 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

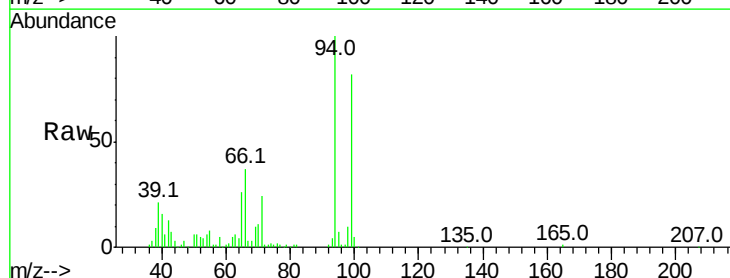
Tgt Ion: 94 Resp: 257157

Ion Ratio Lower Upper

94 100

65 26.5 9.9 49.9

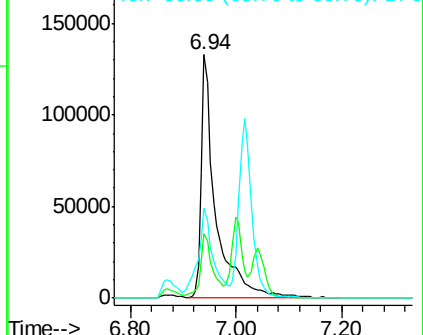
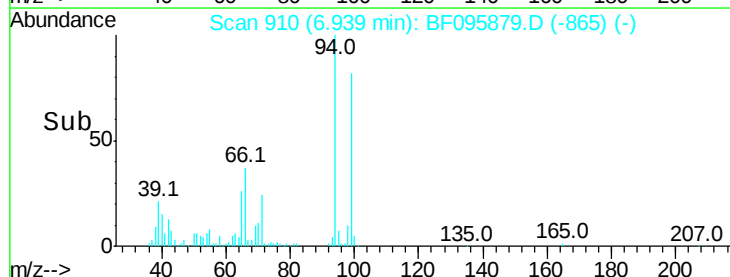
66 37.2 23.1 63.1

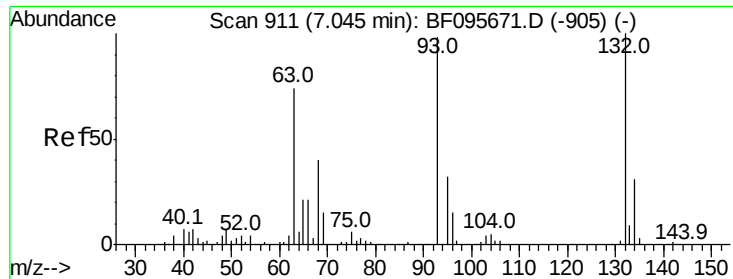


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 51.95 ng

RT: 7.00 min Scan# 920

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampleId :

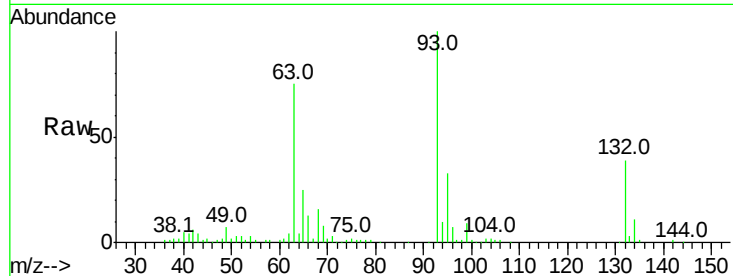
Tot Ion: 93 Resp: 214226

Ion Ratio Lower Upper

93 100

63 74.7 59.2 99.2

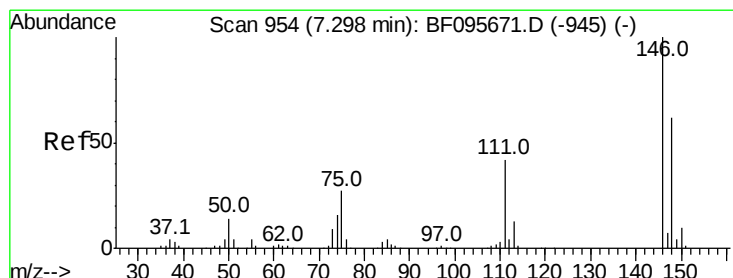
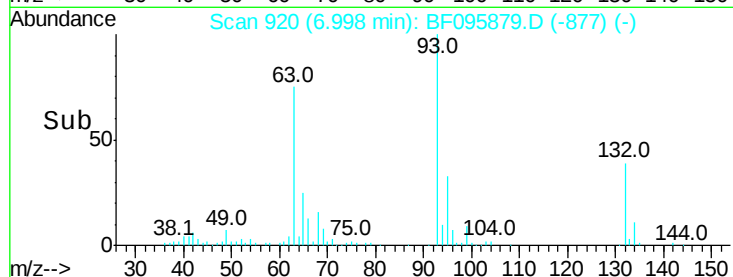
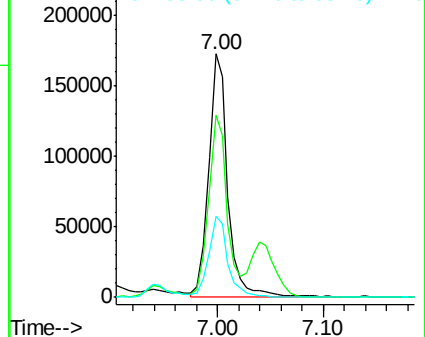
95 33.2 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 49.04 ng

RT: 7.25 min Scan# 963

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

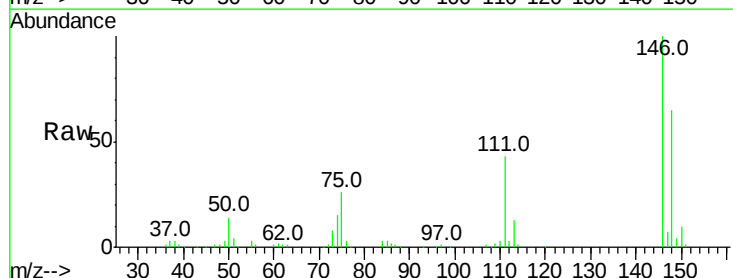
Tgt Ion: 146 Resp: 247367

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

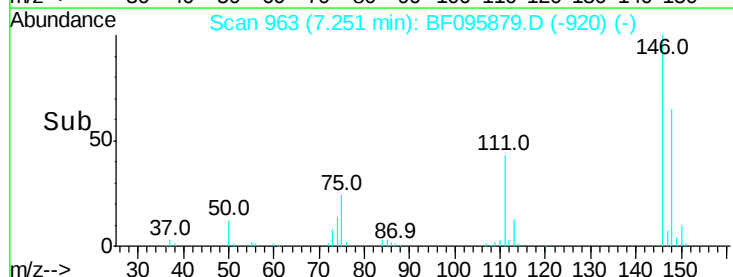
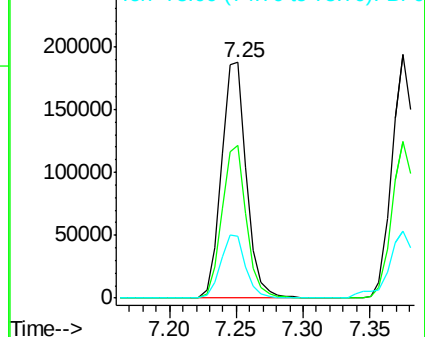
75 26.5 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

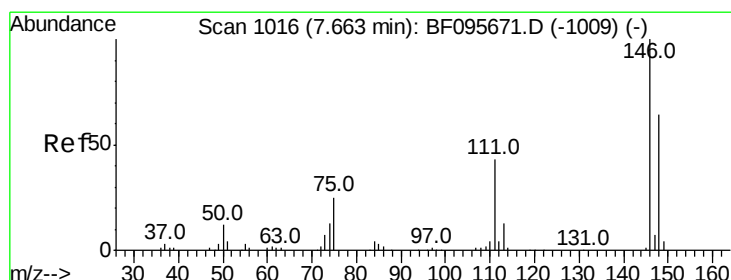
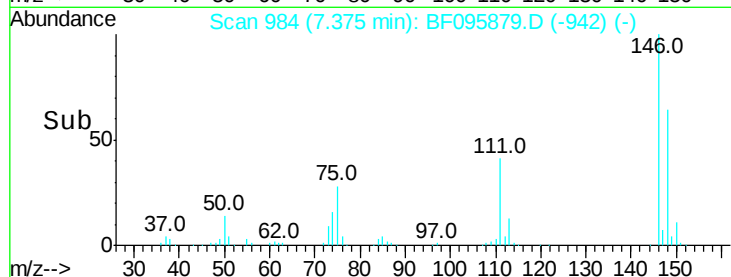
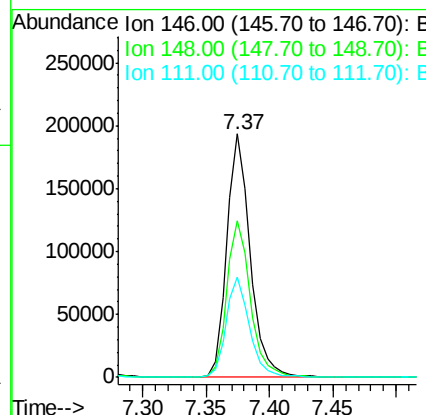
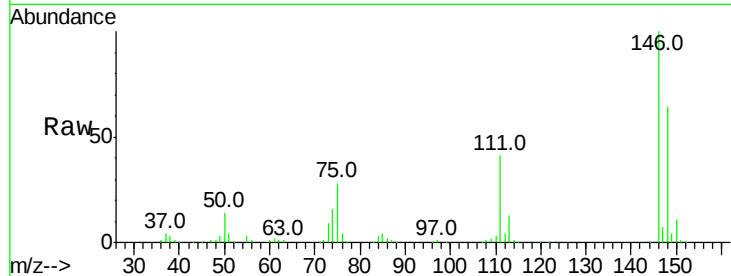




#13
 1,4-Dichlorobenzene
 Concen: 48.68 ng
 RT: 7.37 min Scan# 984
 Delta R.T. -0.05 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

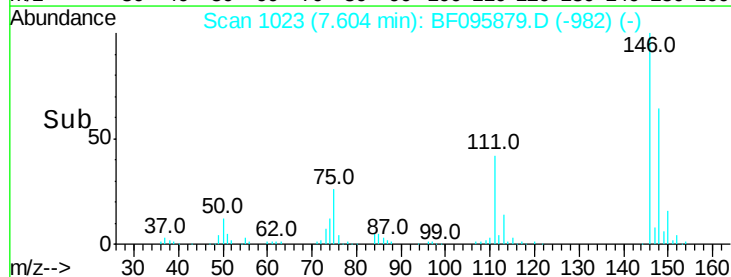
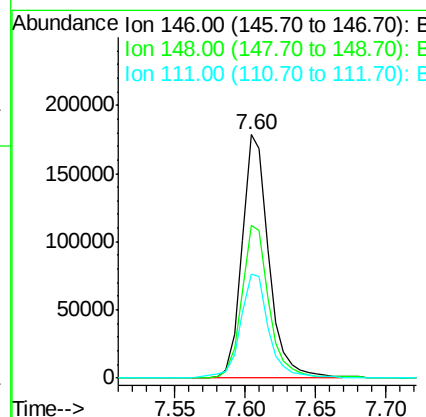
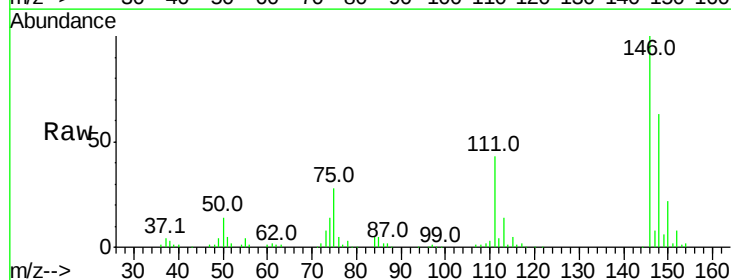
Instrument :
 BNA_F
 ClientSampled :

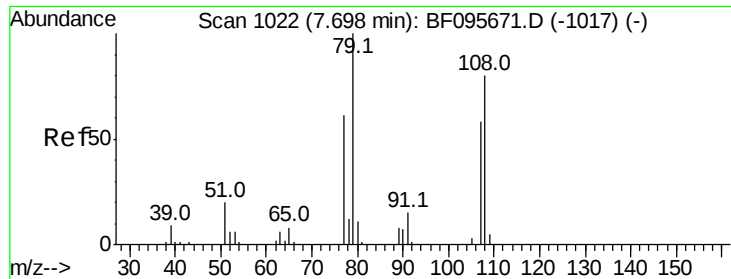
Tot Ion:146 Resp: 249025
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 41.0 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 49.93 ng
 RT: 7.60 min Scan# 1023
 Delta R.T. -0.06 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Tgt Ion:146 Resp: 235487
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.4 75.6
 111 42.6 38.2 57.4





#15

Benzyl Alcohol

Concen: 54.71 ng

RT: 7.66 min Scan# 1033

Delta R.T. -0.04 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampleId :

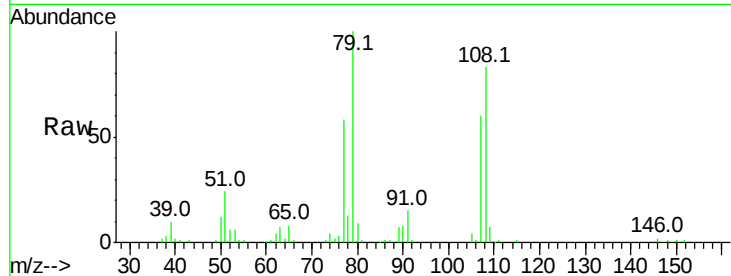
Tot Ion: 79 Resp: 188452

Ion Ratio Lower Upper

79 100

108 82.9 63.4 95.0

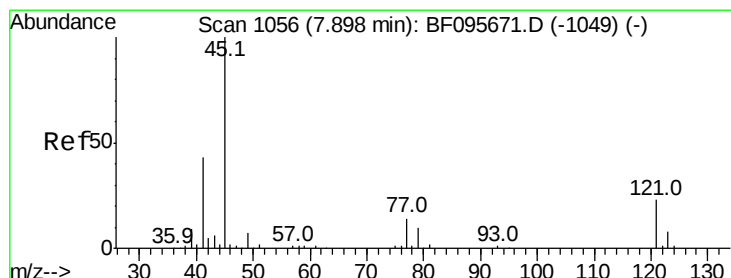
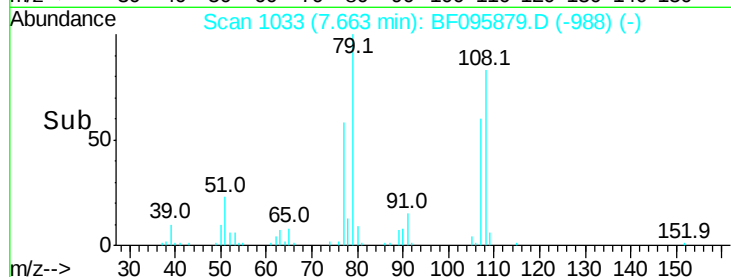
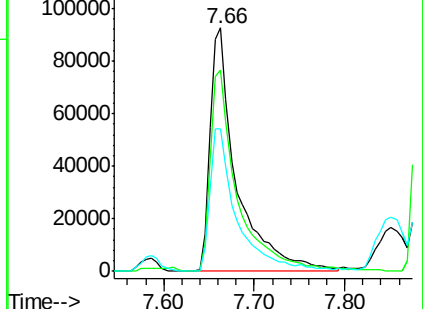
77 58.3 49.2 73.8



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: 51.98 ng

RT: 7.85 min Scan# 1065

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

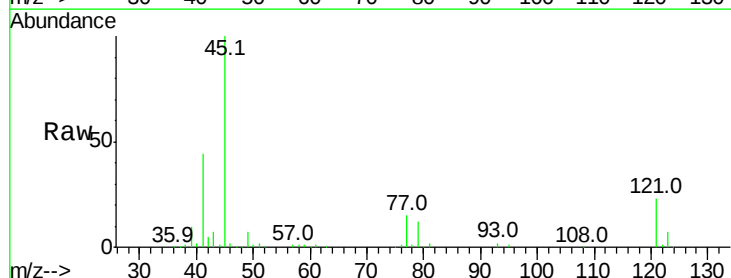
Tgt Ion: 45 Resp: 301144

Ion Ratio Lower Upper

45 100

77 14.9 0.0 33.2

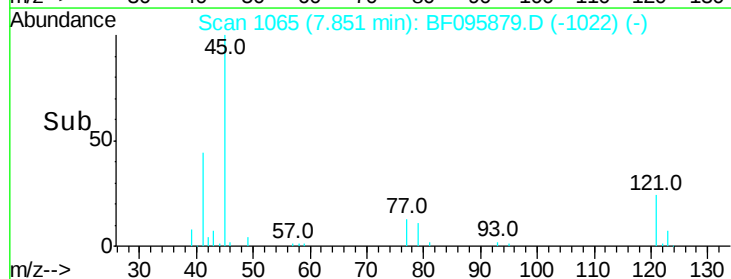
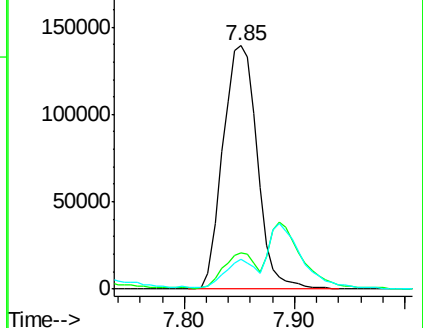
79 12.0 0.0 30.0

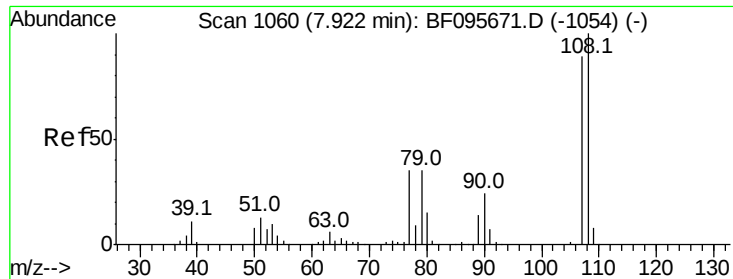


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

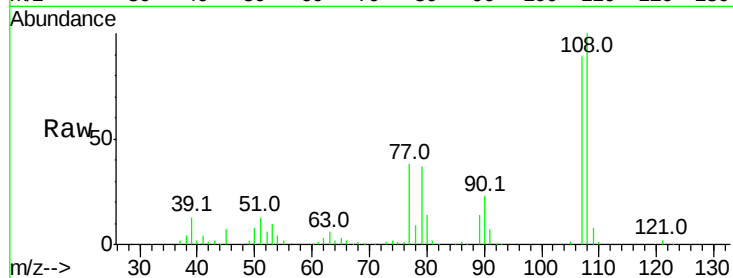




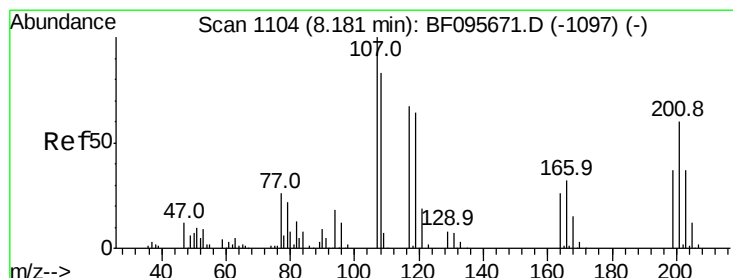
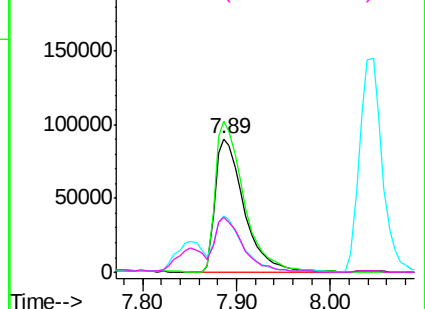
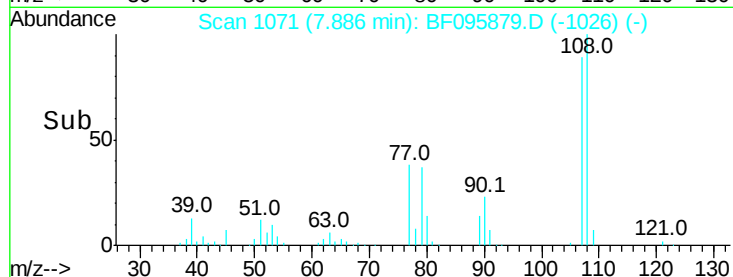
#17
 2-Methylphenol
 Concen: 52.50 ng
 RT: 7.89 min Scan# 1071
 Delta R.T. -0.04 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	107	Resp:	196370
Ion	Ratio	Lower	Upper
107	100		
108	112.6	93.4	140.0
77	42.4	35.8	53.6
79	41.2	34.8	52.2

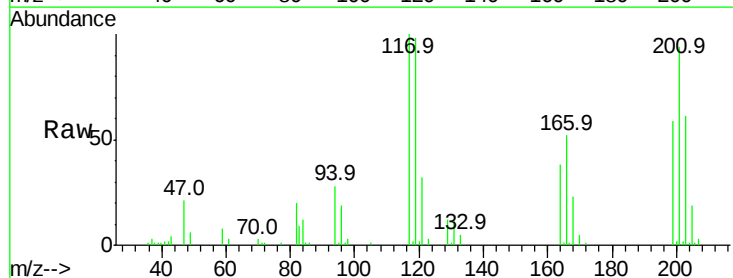


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

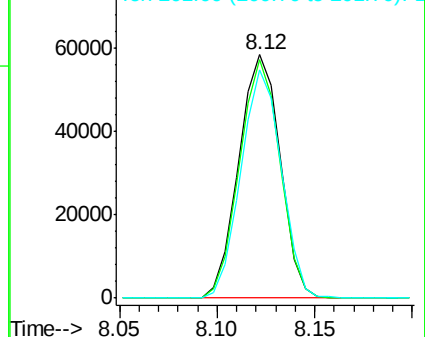
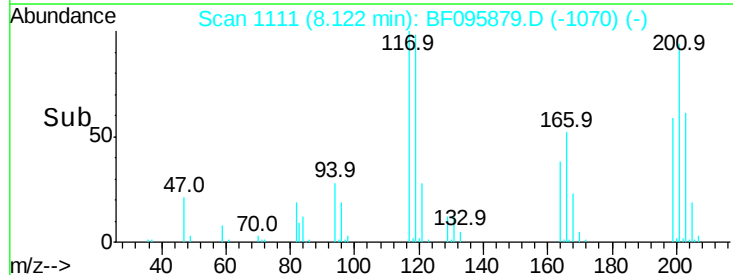


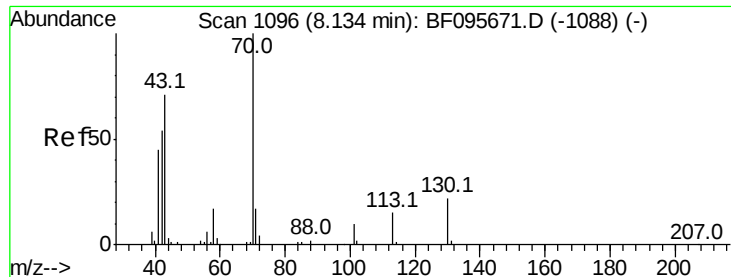
#18
 Hexachloroethane
 Concen: 50.65 ng
 RT: 8.12 min Scan# 1111
 Delta R.T. -0.06 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Tgt Ion:	117	Resp:	85579
Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.4	116.0
201	94.0	94.6	141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E

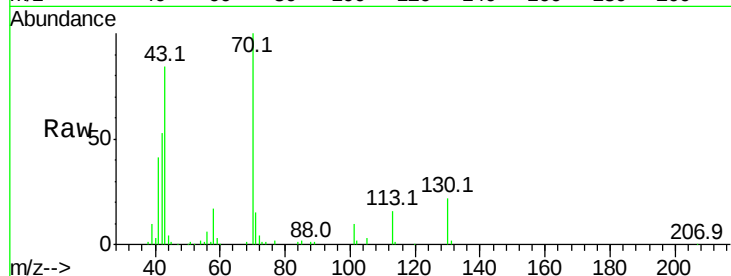




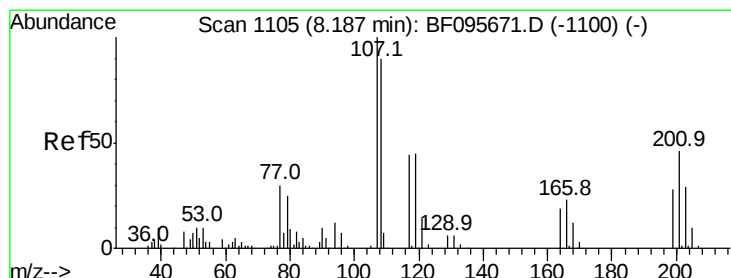
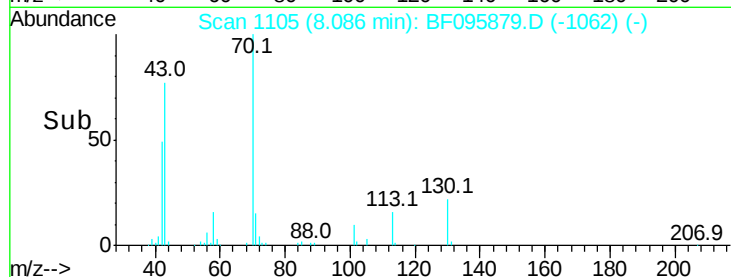
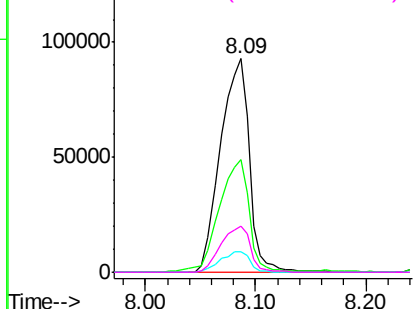
#19
n-Nitroso-di-n-propylamine
Concen: 53.24 ng
RT: 8.09 min Scan# 1105
Delta R.T. -0.05 min
Lab File: BF095879.D
Acq: 12 Jun 2017 19:01

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 169321
Ion Ratio Lower Upper
70 100
42 53.0 47.2 70.8
101 9.5 7.2 10.8
130 21.9 15.9 23.9



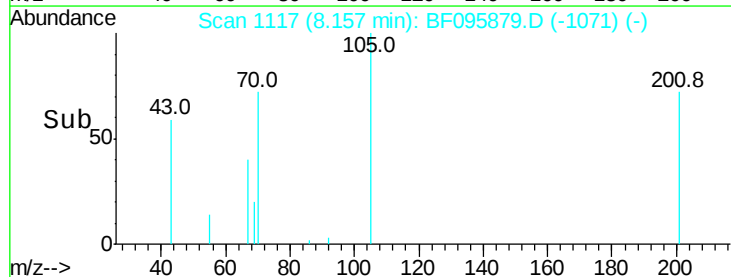
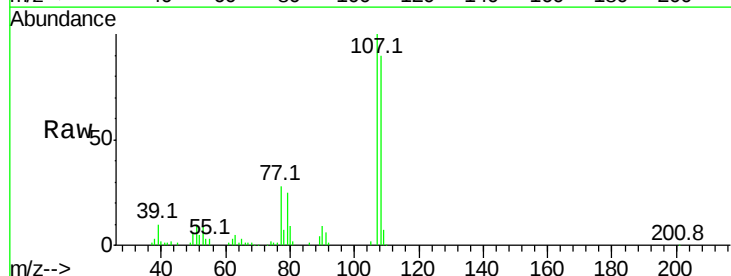
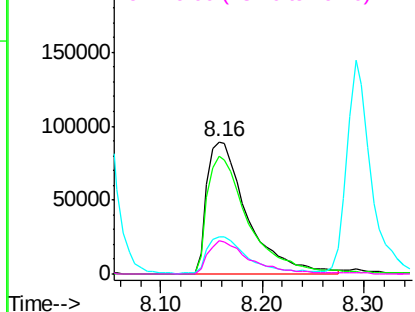
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

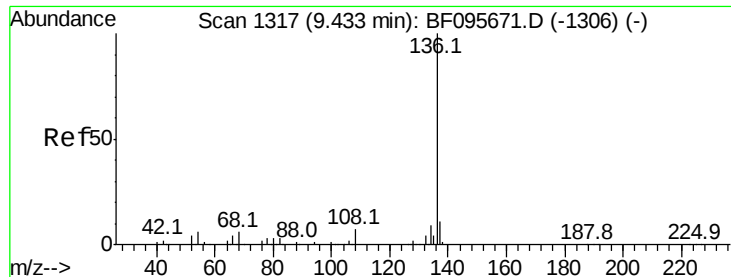


#20
3+4-Methylphenols
Concen: 52.48 ng
RT: 8.16 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BF095879.D
Acq: 12 Jun 2017 19:01

Tgt Ion: 107 Resp: 249153
Ion Ratio Lower Upper
107 100
108 89.8 71.0 111.0
77 28.1 90.5 130.5#
79 25.2 8.4 48.4

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 279198

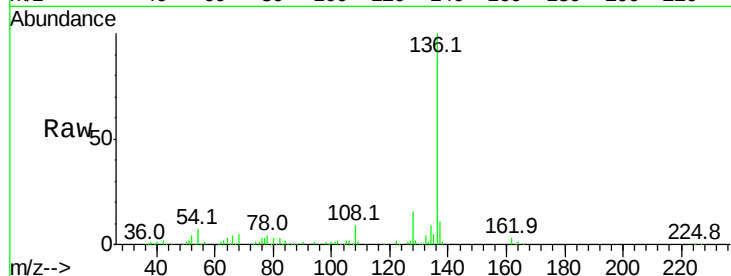
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.1 4.9 7.3

68 4.9 4.1 6.1

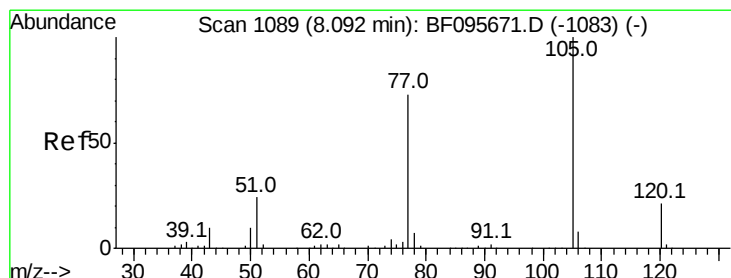
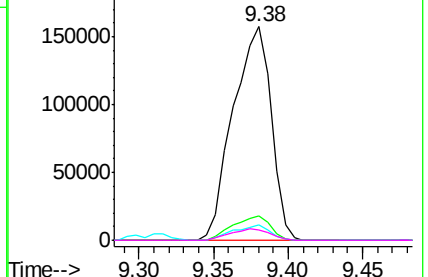
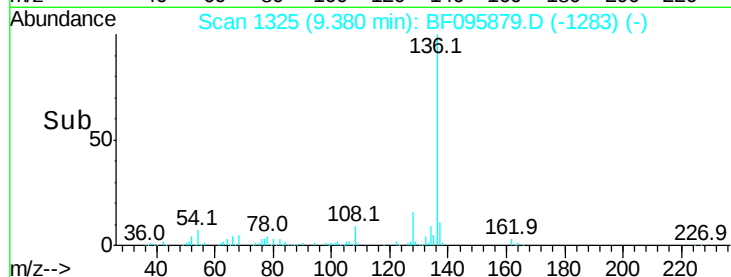


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.92 ng

RT: 8.05 min Scan# 1098

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Tgt Ion:105 Resp: 339284

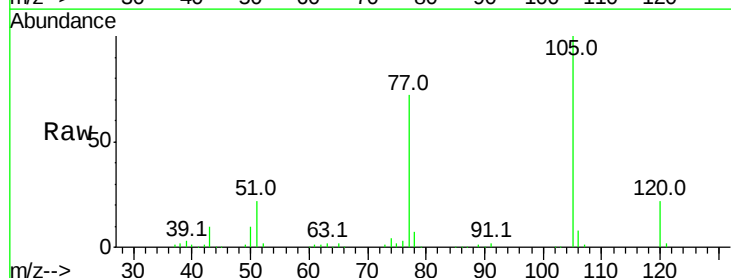
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.3 30.7 46.1#

120 21.8 17.4 26.0

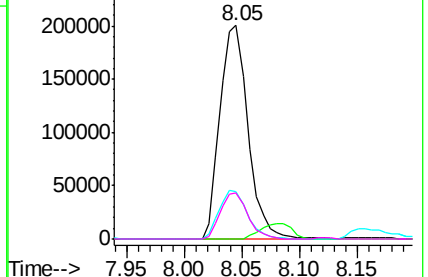
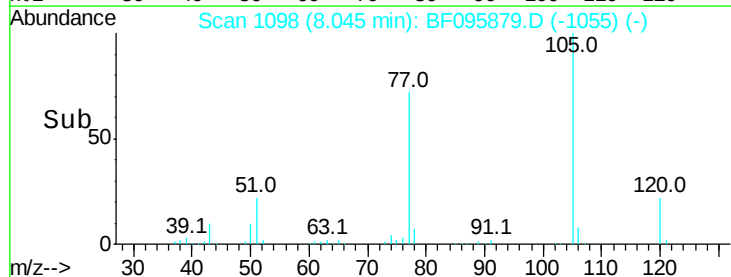


Abundance Ion 105.00 (104.70 to 105.70): E

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

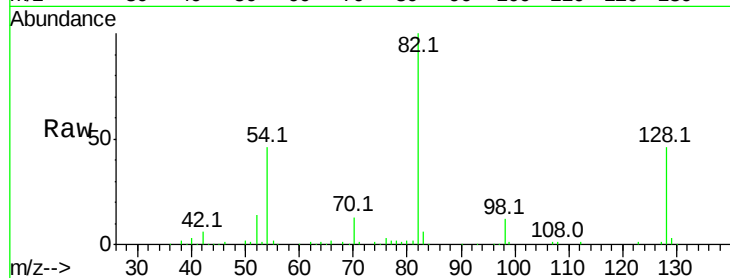




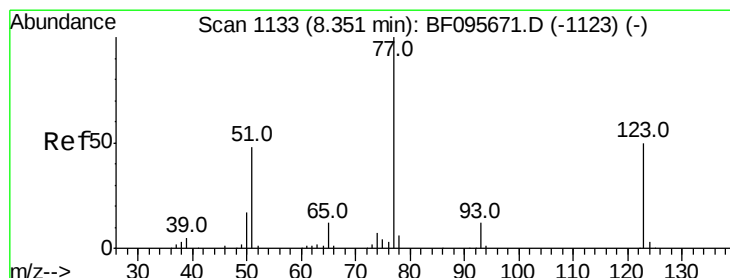
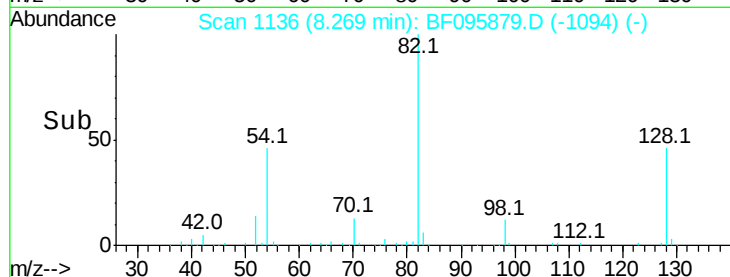
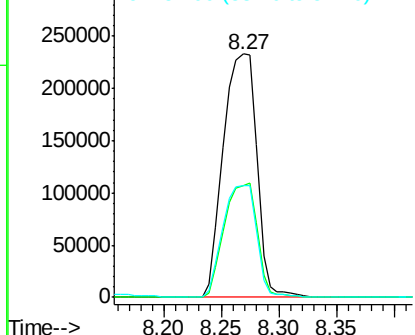
#23
 Nitrobenzene-d5
 Concen: 104.62 ng
 RT: 8.27 min Scan# 1136
 Delta R.T. -0.05 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 470339
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.0 51.0
 54 46.2 42.2 63.2

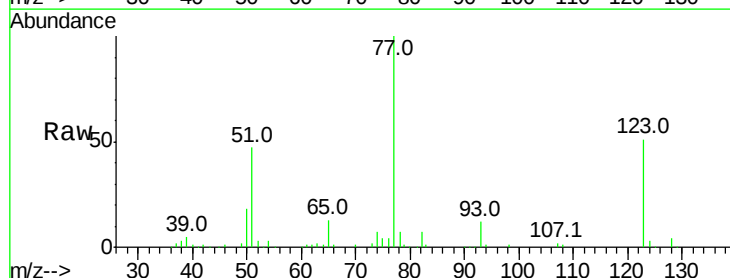


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

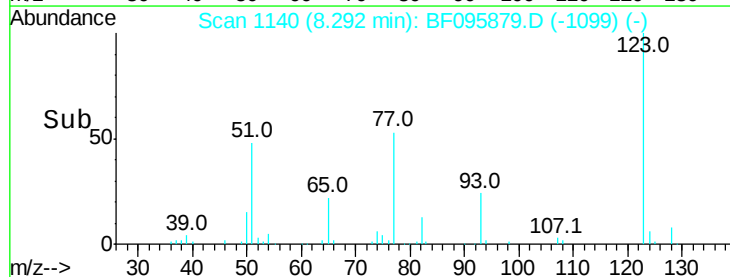
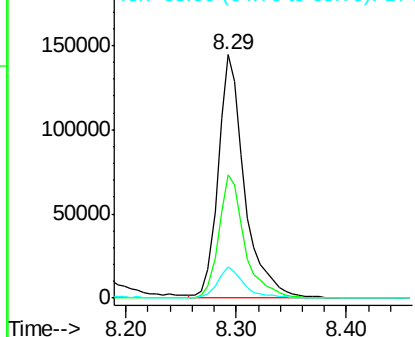


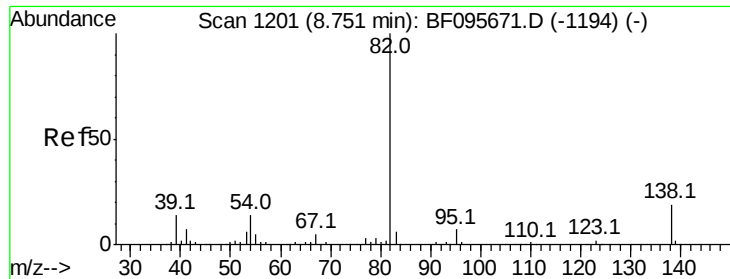
#24
 Nitrobenzene
 Concen: 49.42 ng
 RT: 8.29 min Scan# 1140
 Delta R.T. -0.06 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Tgt Ion: 77 Resp: 237336
 Ion Ratio Lower Upper
 77 100
 123 50.8 35.8 53.8
 65 12.9 10.6 15.8



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





#25

Isophorone

Concen: 51.42 ng

RT: 8.70 min Scan# 1210

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :
BNA_F
ClientSampled :

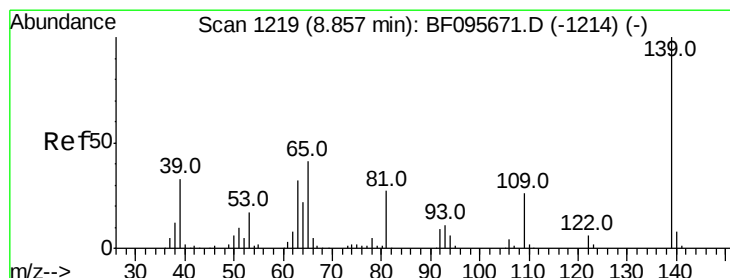
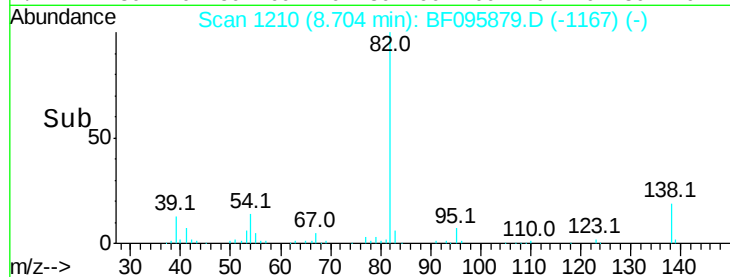
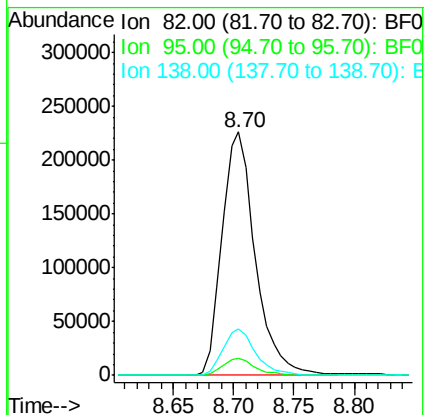
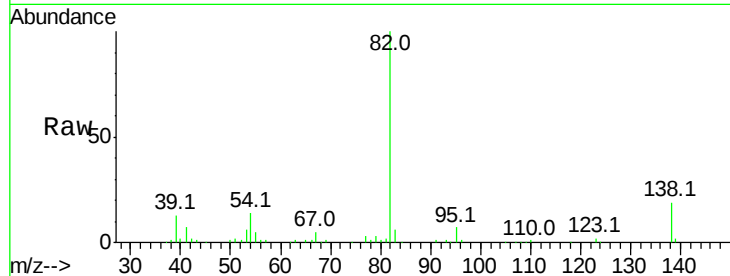
Tot Ion: 82 Resp: 431666

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 53.10 ng

RT: 8.81 min Scan# 1228

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

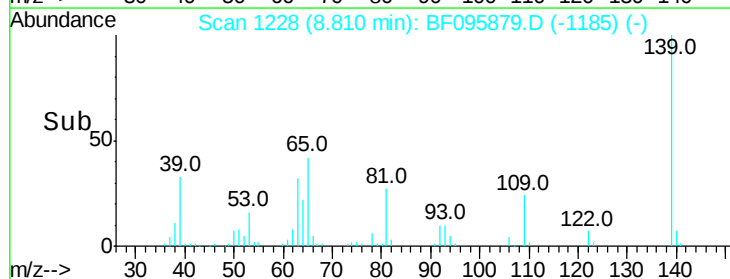
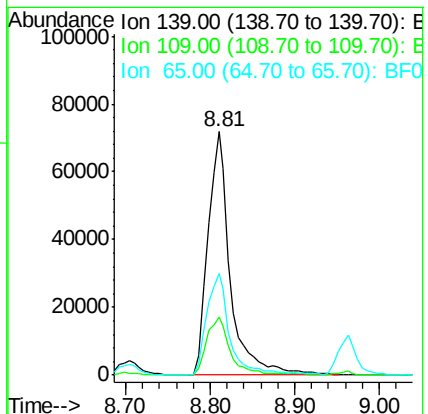
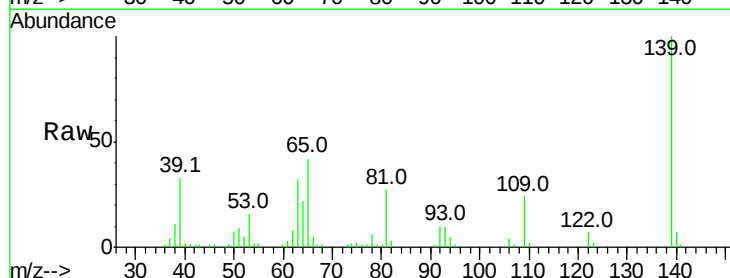
Tgt Ion: 139 Resp: 133521

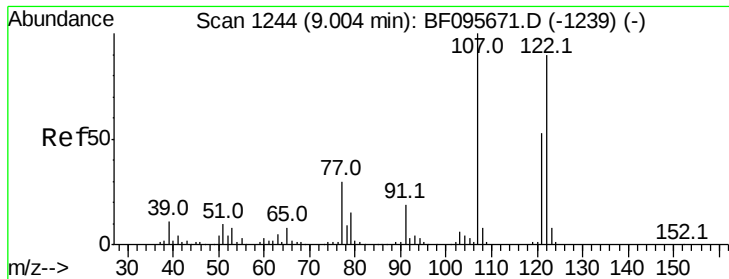
Ion Ratio Lower Upper

139 100

109 23.8 21.0 31.6

65 41.8 33.0 49.6

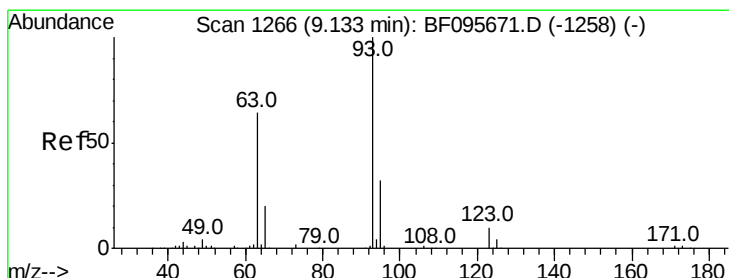
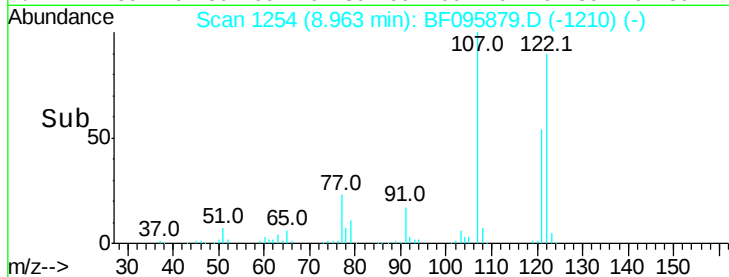
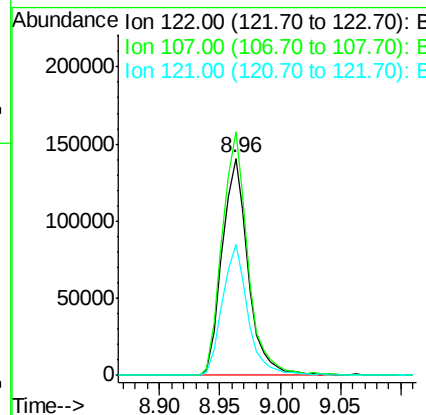
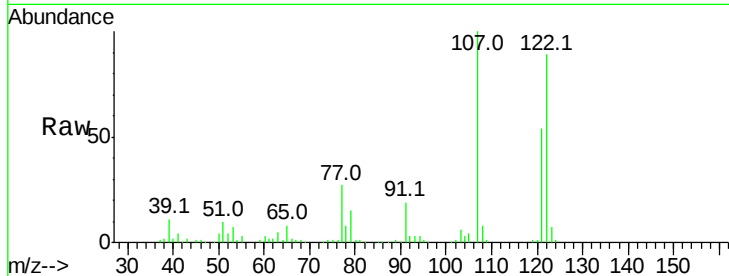




#27
 2,4-Dimethylphenol
 Concen: 53.68 ng
 RT: 8.96 min Scan# 1254
 Delta R.T. -0.04 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

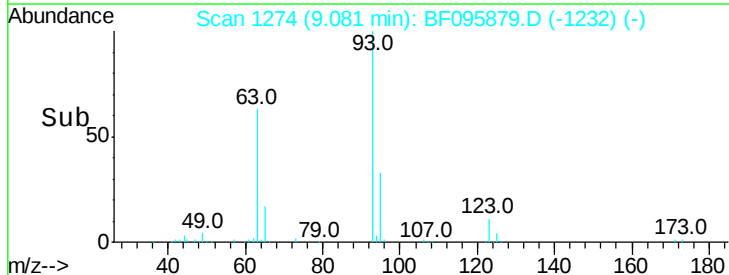
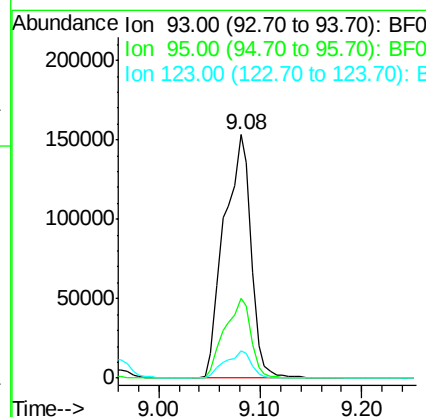
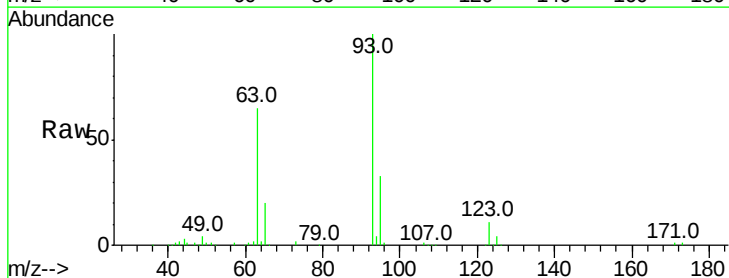
Instrument :
 BNA_F
 ClientSampleId :

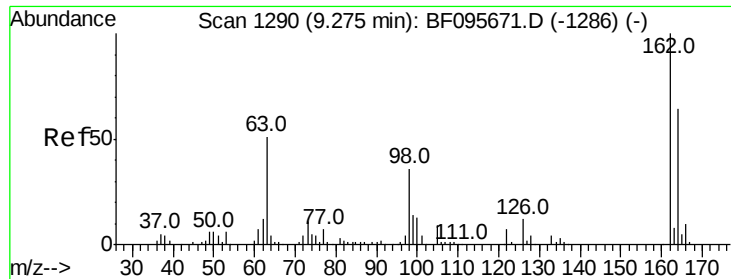
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.1	89.2	133.8
121	60.1	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.09 ng
 RT: 9.08 min Scan# 1274
 Delta R.T. -0.05 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	11.0	9.0	13.4

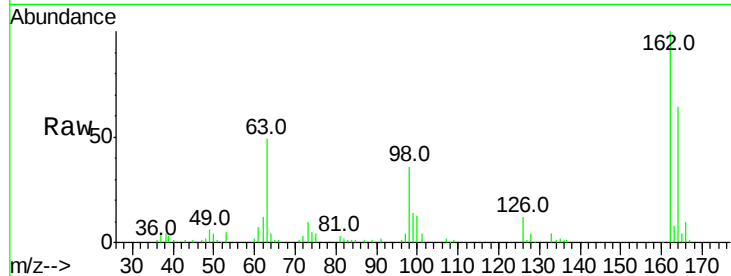




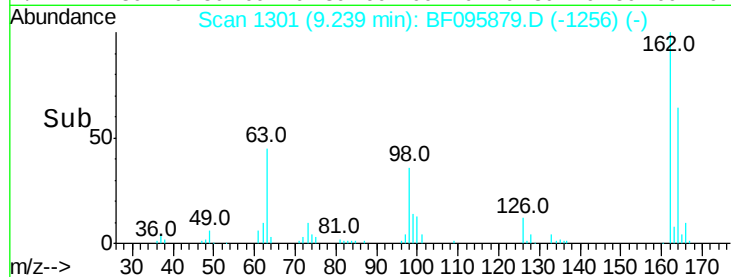
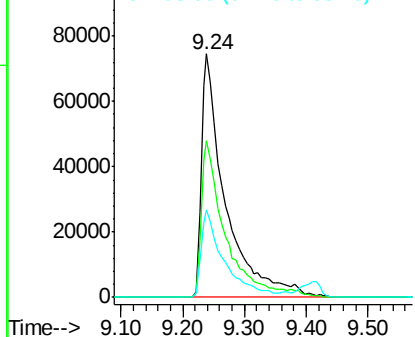
#29
 2,4-Dichlorophenol
 Concen: 53.34 ng
 RT: 9.24 min Scan# 1301
 Delta R.T. -0.04 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.6	84.6
98	35.8	14.8	54.8

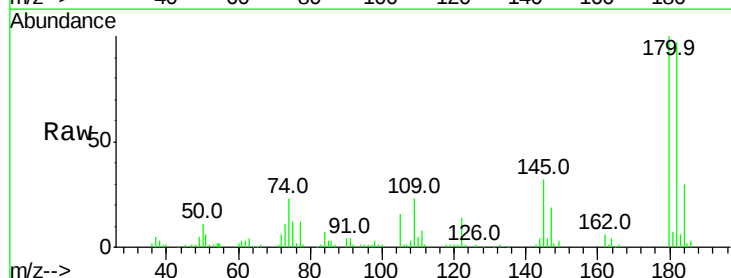


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

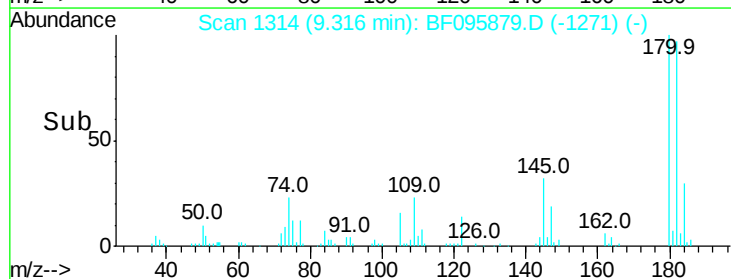
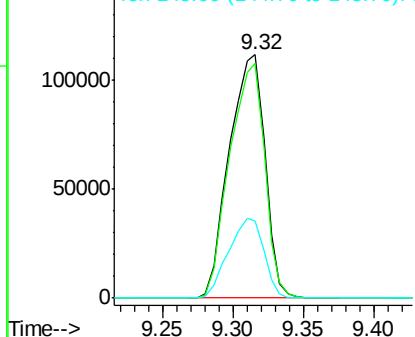


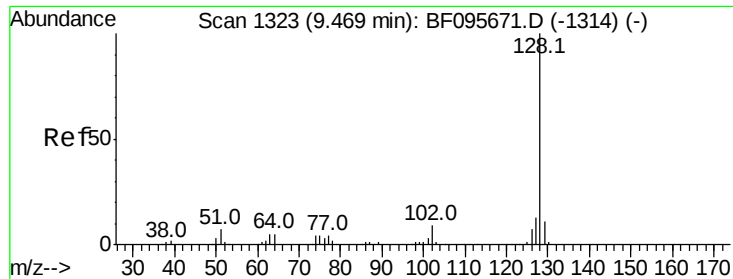
#30
 1,2,4-Trichlorobenzene
 Concen: 50.45 ng
 RT: 9.32 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.8	113.6
145	31.8	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: 51.28 ng

RT: 9.42 min Scan# 1331

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampled :

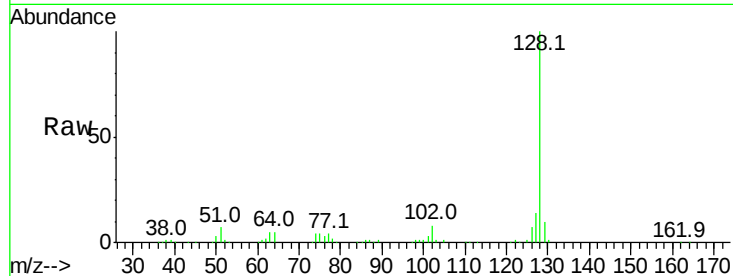
Tot Ion:128 Resp: 718485

Ion Ratio Lower Upper

128 100

129 10.4 9.0 13.6

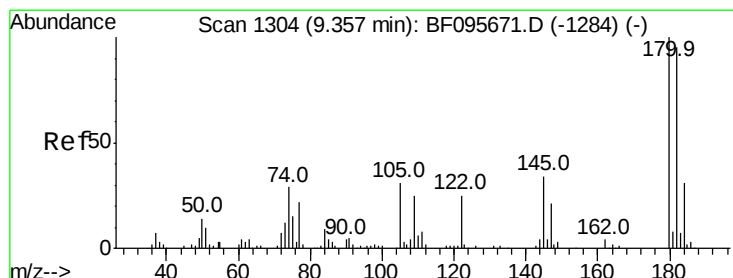
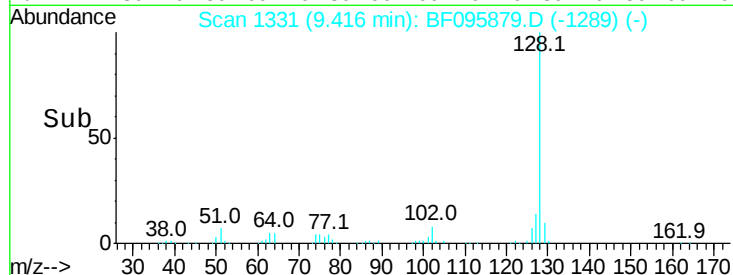
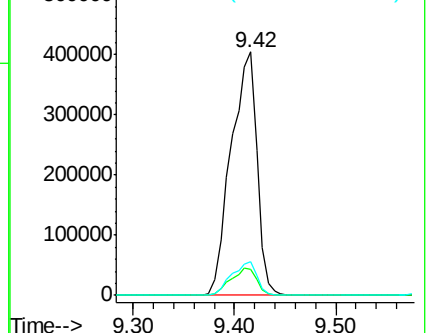
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.80 ng

RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

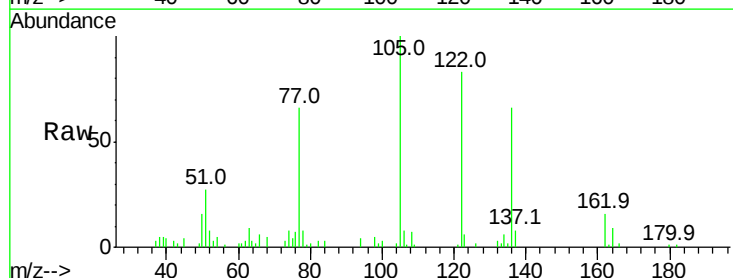
Tgt Ion:122 Resp: 89234

Ion Ratio Lower Upper

122 100

105 121.1 103.3 143.3

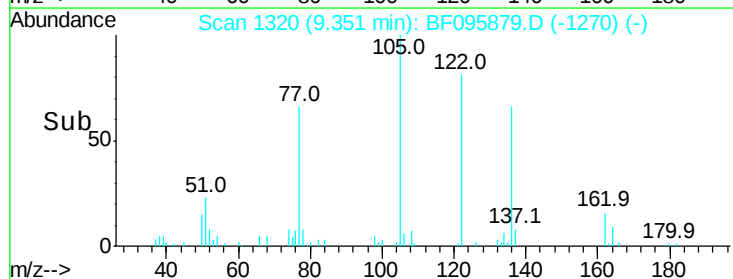
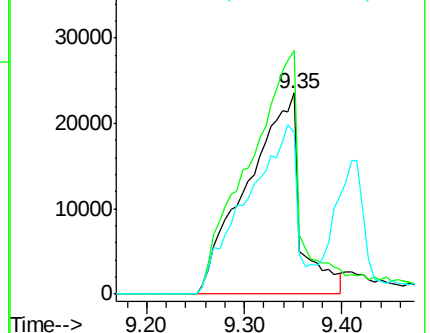
77 80.1 73.7 113.7

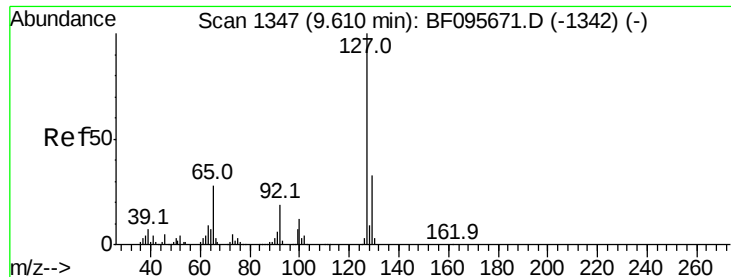


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

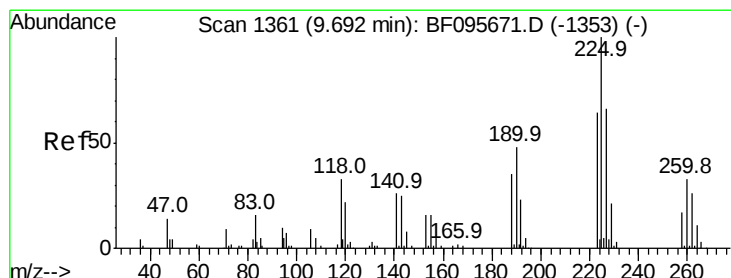
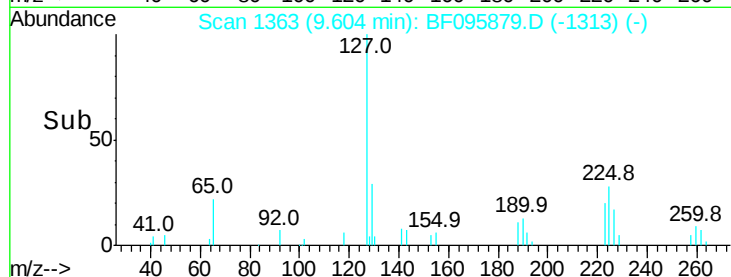
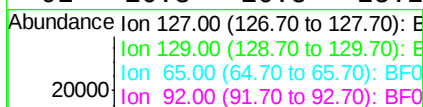
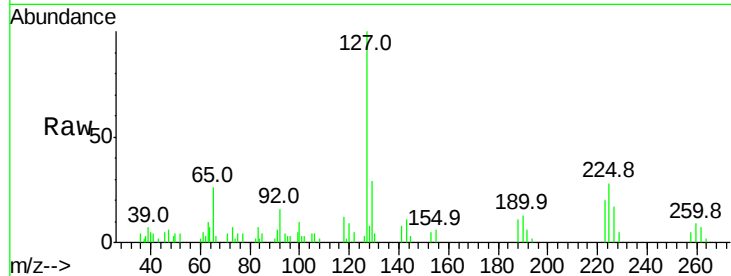




#33
4-Chloroaniline
Concen: 10.68 ng
RT: 9.60 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF095879.D
Acq: 12 Jun 2017 19:01

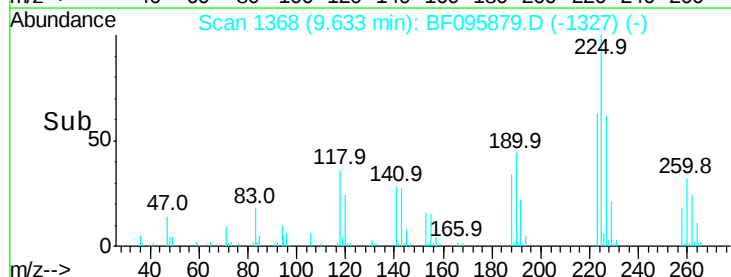
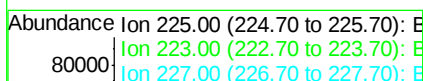
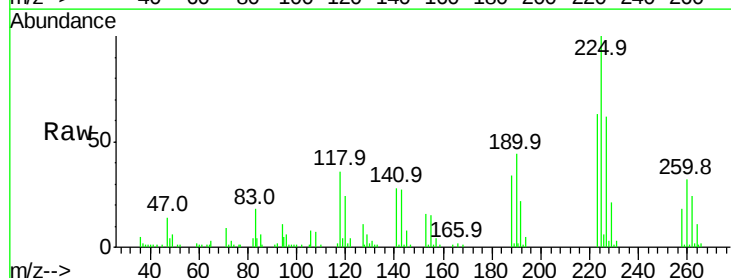
Instrument :
BNA_F
ClientSampleId :

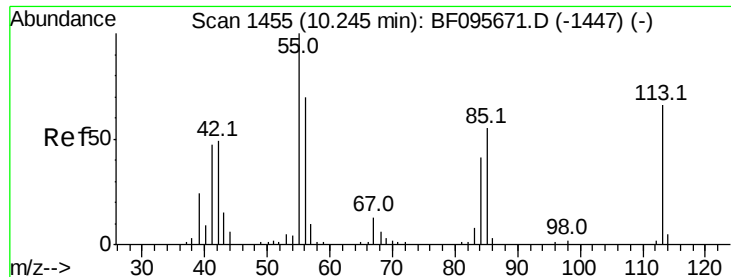
Tot Ion:	127	Resp:	58509
Ion	Ratio	Lower	Upper
127	100		
129	29.2	26.2	39.2
65	26.3	27.8	41.8#
92	16.3	16.8	25.2#



#34
Hexachlorobutadiene
Concen: 48.55 ng
RT: 9.63 min Scan# 1368
Delta R.T. -0.06 min
Lab File: BF095879.D
Acq: 12 Jun 2017 19:01

Tgt Ion:	225	Resp:	98117
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.8	73.2
227	61.7	51.1	76.7

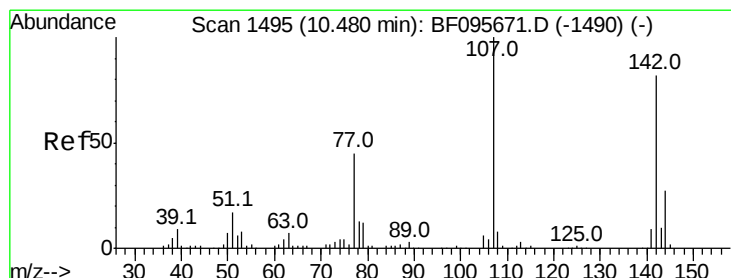
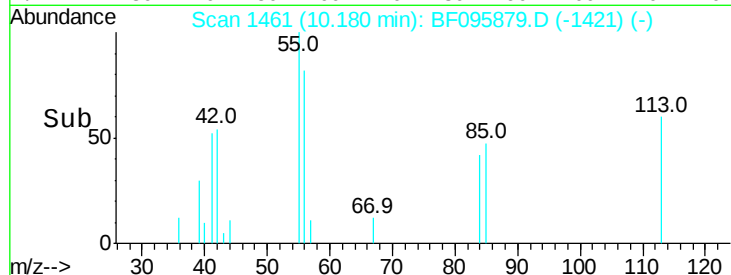
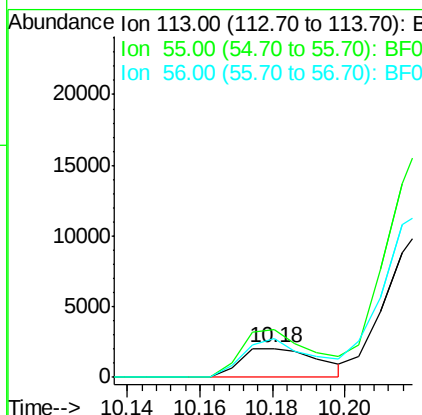
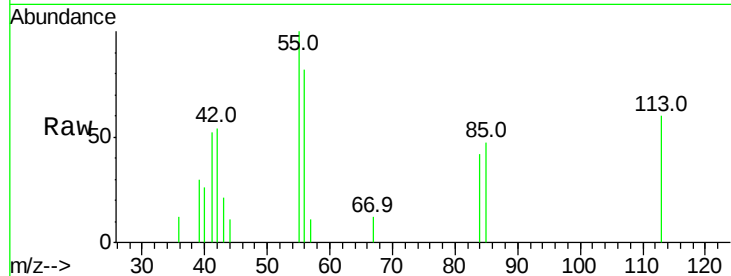




#35
 Caprolactam
 Concen: 2.75 ng
 RT: 10.18 min Scan# 1461
 Delta R.T. -0.06 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

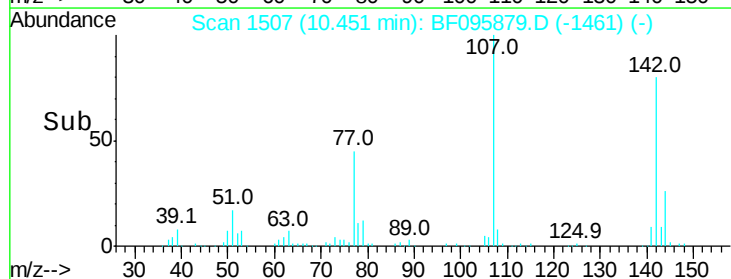
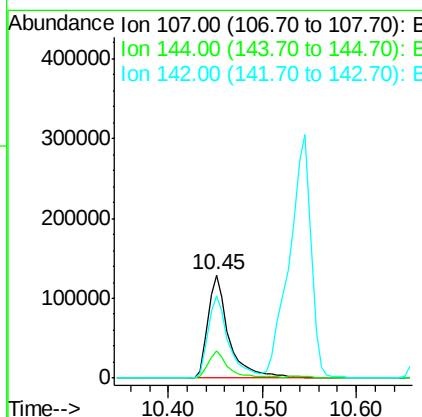
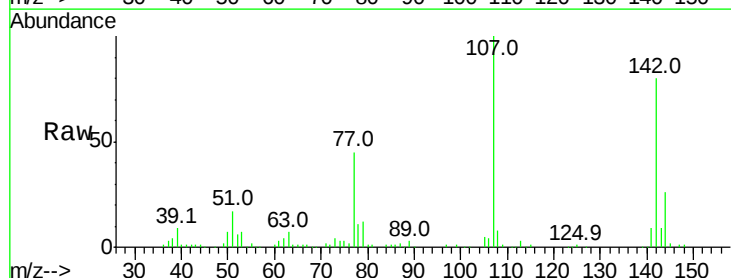
Instrument :
 BNA_F
 ClientSampled :

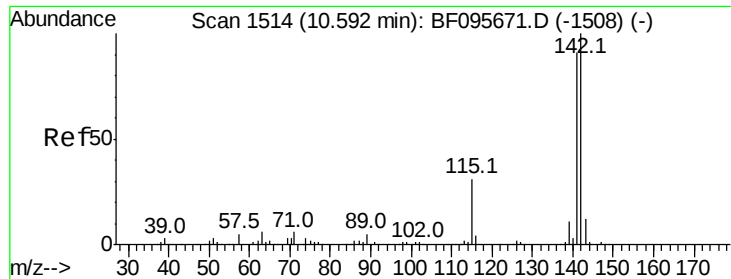
Tot Ion:113 Resp: 3073
 Ion Ratio Lower Upper
 113 100
 55 166.1 150.2 190.2
 56 136.4 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 51.82 ng
 RT: 10.45 min Scan# 1507
 Delta R.T. -0.03 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Tgt Ion:107 Resp: 203890
 Ion Ratio Lower Upper
 107 100
 144 26.2 24.2 36.4
 142 79.8 73.4 110.0





#37

2-Methylnaphthalene

Concen: 51.81 ng

RT: 10.55 min Scan# 1523

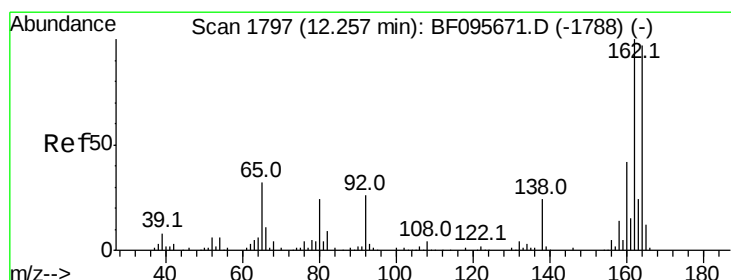
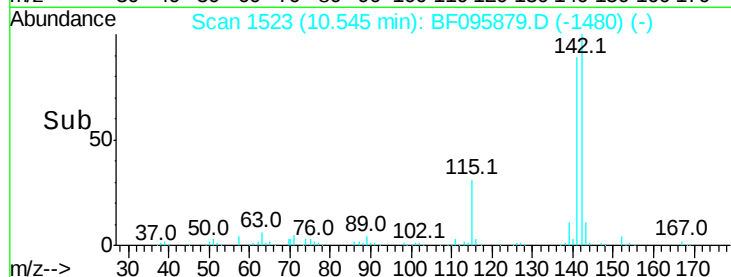
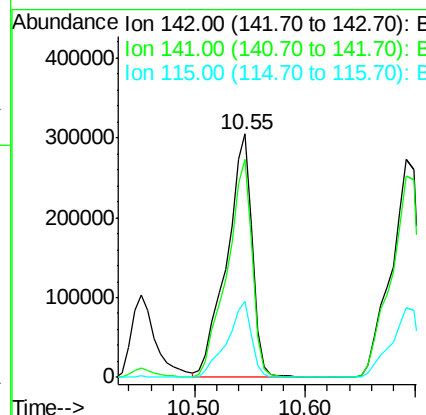
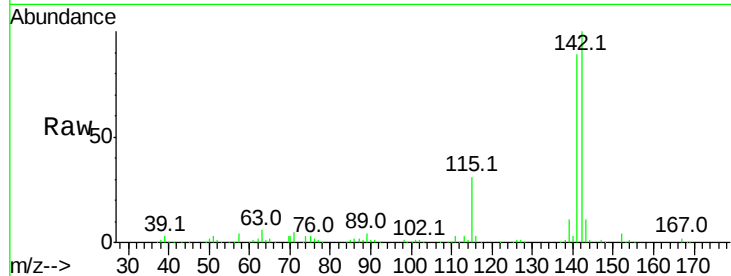
Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	31.0	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

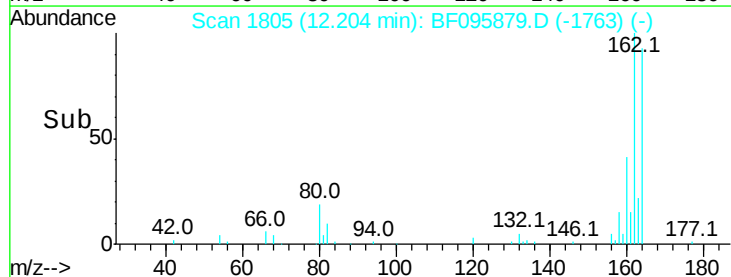
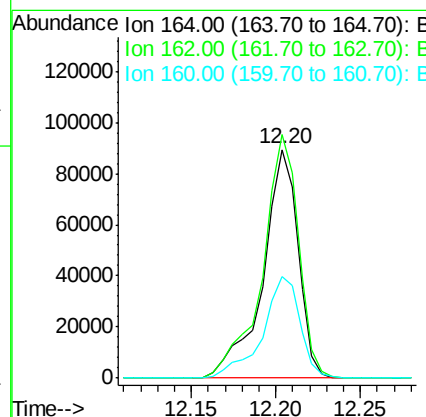
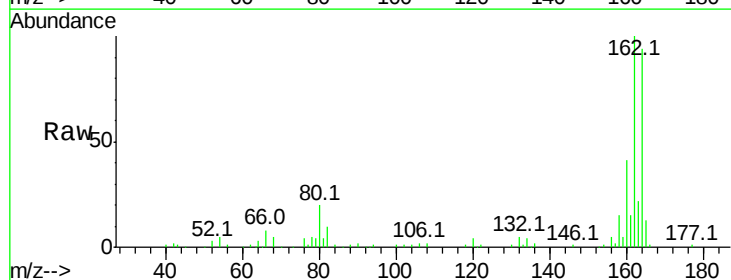
RT: 12.20 min Scan# 1805

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	82.6	123.8
160	44.2	36.2	54.2

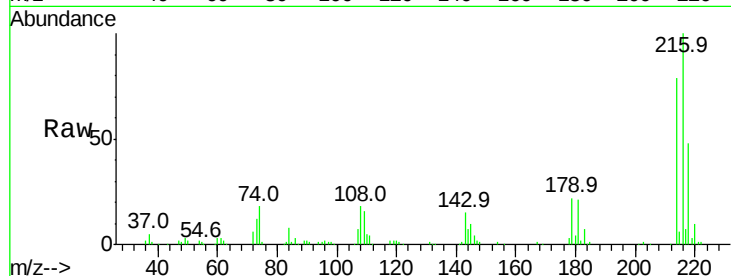




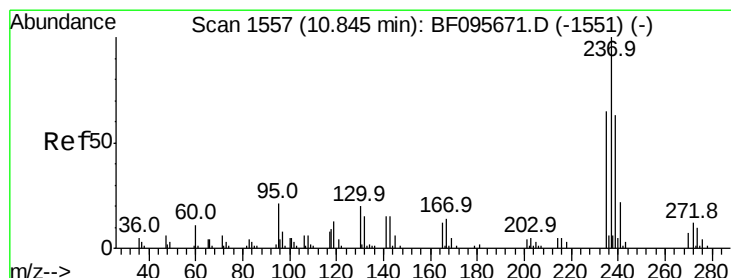
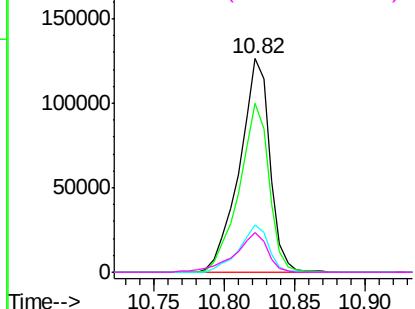
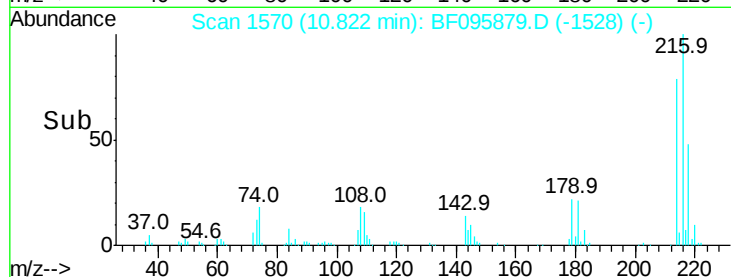
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.75 ng
 RT: 10.82 min Scan# 1570
 Delta R.T. -0.05 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	189691
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.4	95.2
179	21.5	17.9	26.9
108	19.9	16.5	24.7

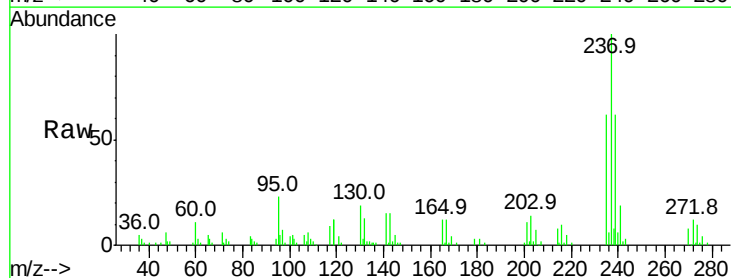


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

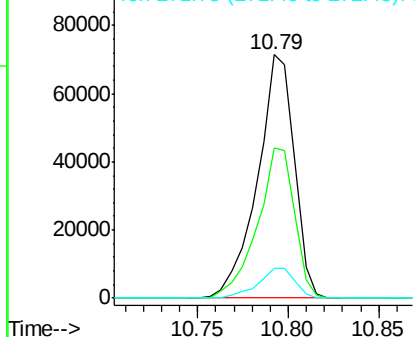
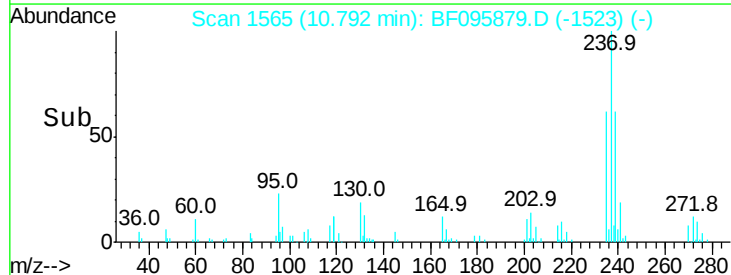


#40
 Hexachlorocyclopentadiene
 Concen: 82.15 ng
 RT: 10.79 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Tgt Ion:	237	Resp:	100625
Ion	Ratio	Lower	Upper
237	100		
235	61.5	42.6	82.6
272	12.1	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

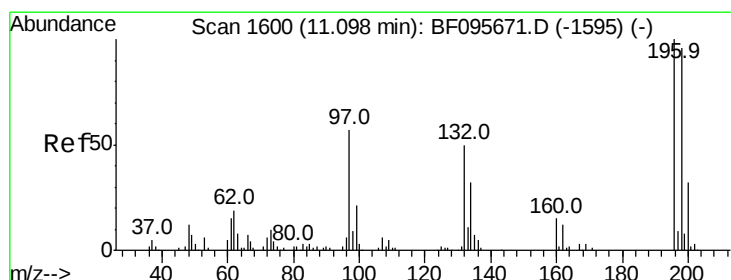
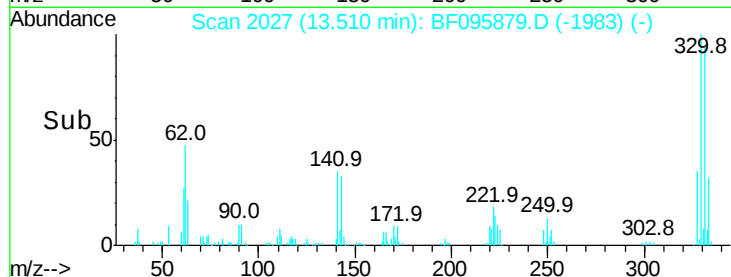
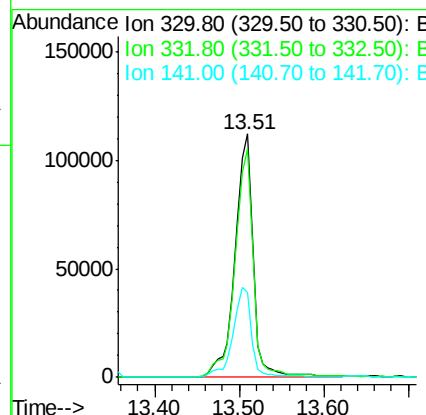
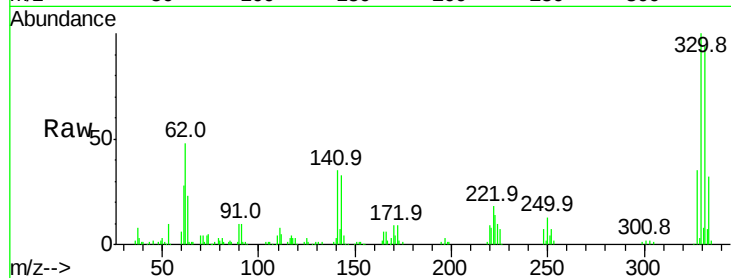




#41
 2,4,6-Tribromophenol
 Concen: 145.48 ng
 RT: 13.51 min Scan# 2027
 Delta R.T. -0.04 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

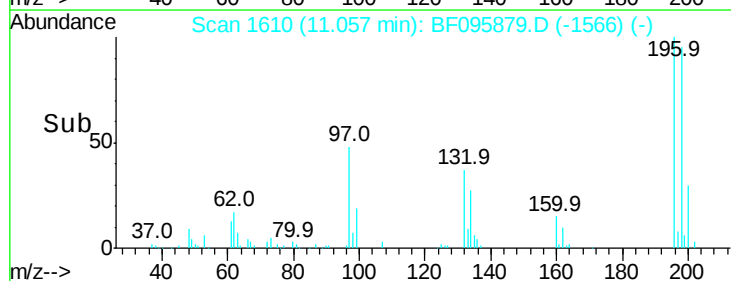
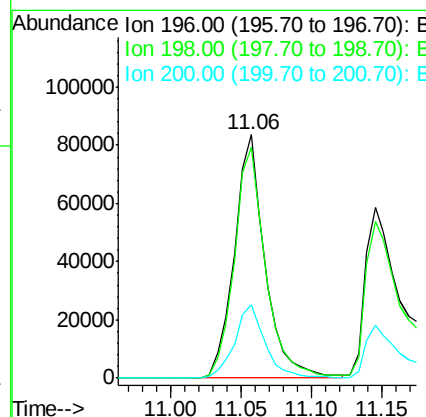
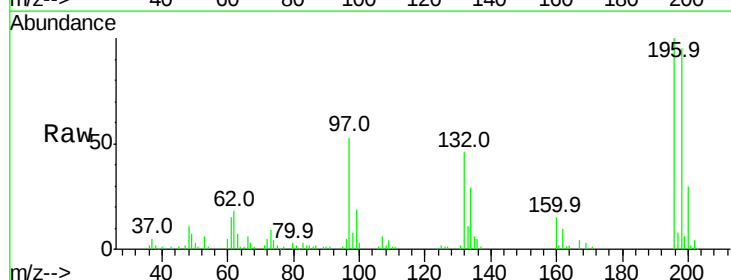
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	38.1	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 50.81 ng
 RT: 11.06 min Scan# 1610
 Delta R.T. -0.04 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.2	111.4
200	30.2	24.0	36.0

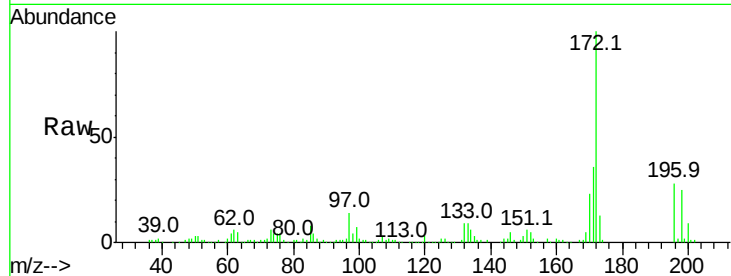




#43
 2,4,5-Trichlorophenol
 Concen: 47.27 ng
 RT: 11.15 min Scan# 1625
 Delta R.T. -0.04 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.4	75.7	113.5
97	50.1	47.7	71.5
132	31.4	28.0	42.0



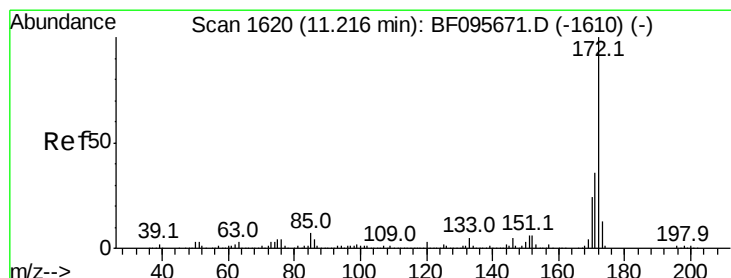
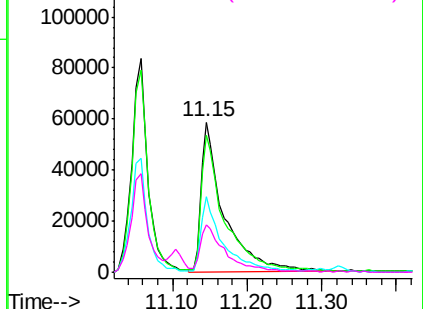
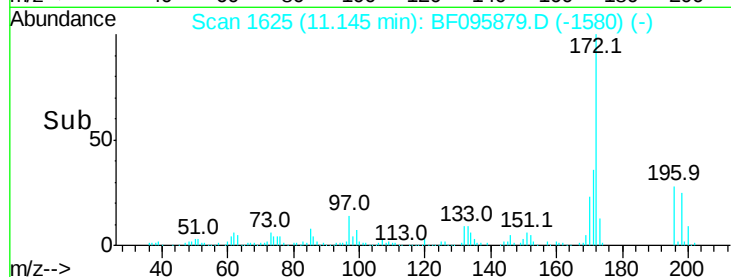
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

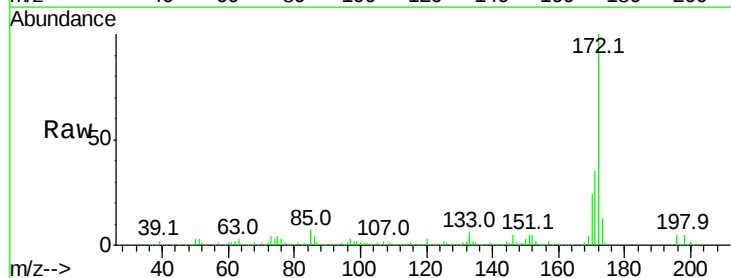
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.31 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.8	19.8	29.8

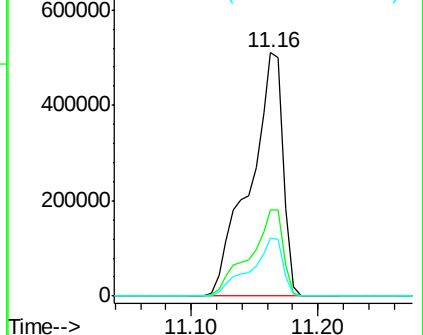
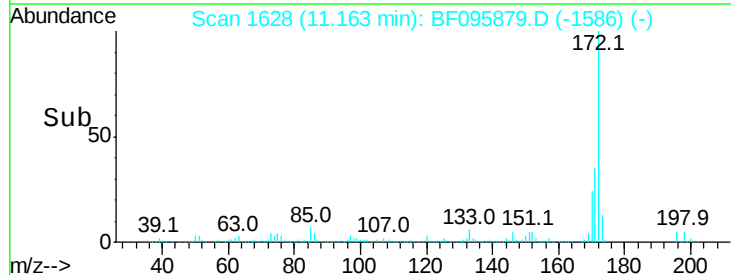


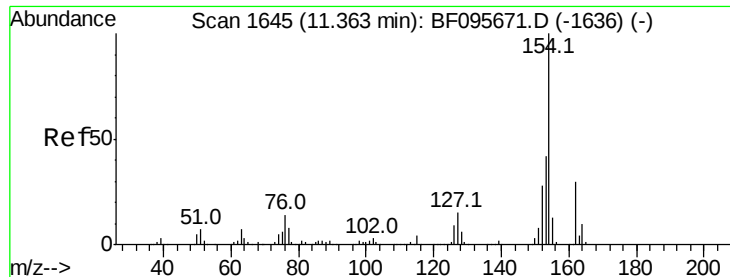
Abundance

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: 50.68 ng

RT: 11.31 min Scan# 1653

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampled :

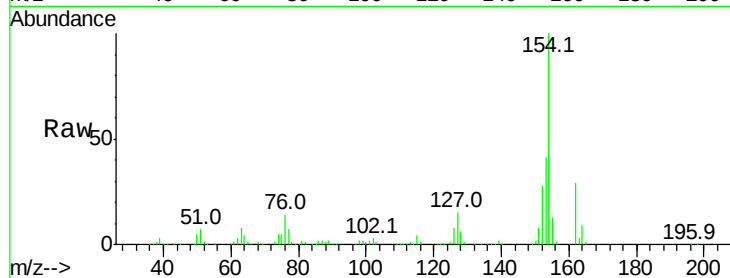
Tot Ion:154 Resp: 543043

Ion Ratio Lower Upper

154 100

153 40.7 21.2 61.2

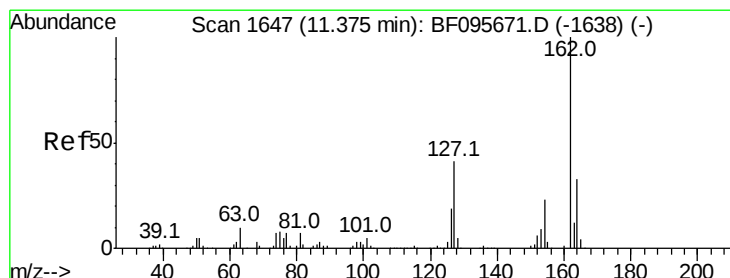
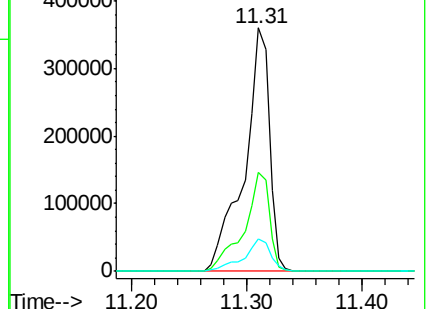
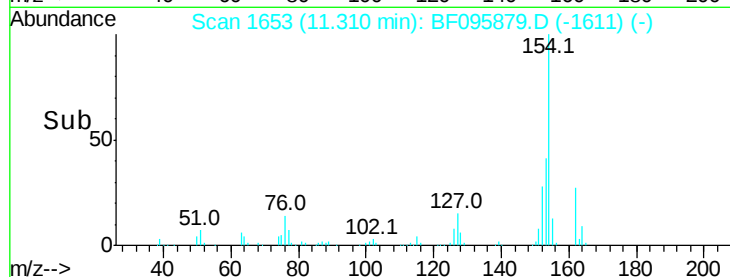
76 13.5 0.0 29.9



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: 50.39 ng

RT: 11.33 min Scan# 1656

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

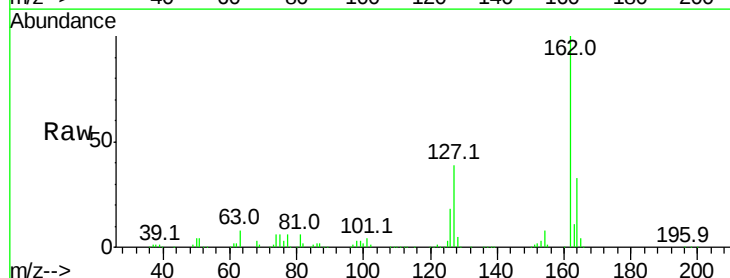
Tgt Ion:162 Resp: 421866

Ion Ratio Lower Upper

162 100

127 39.3 28.3 42.5

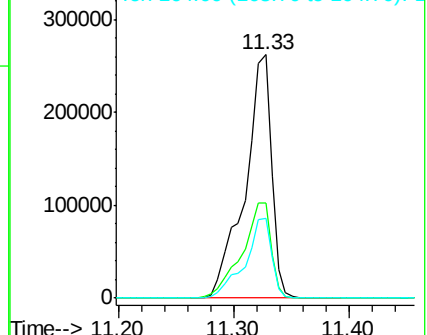
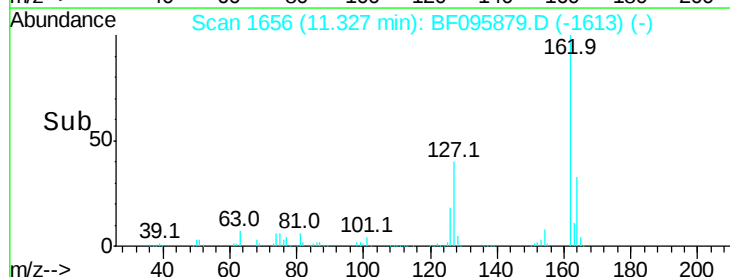
164 32.7 27.0 40.4



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

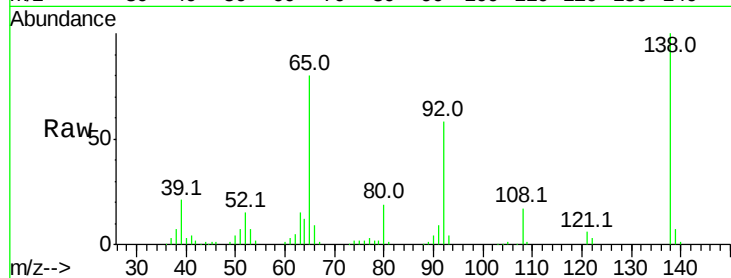




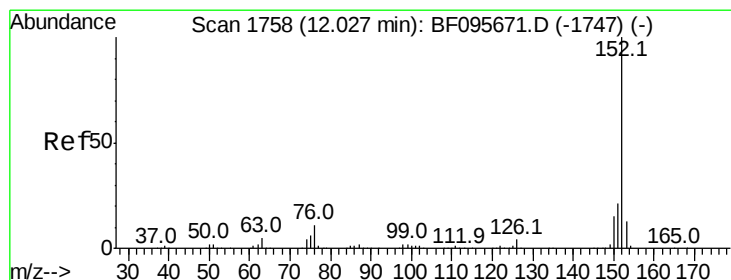
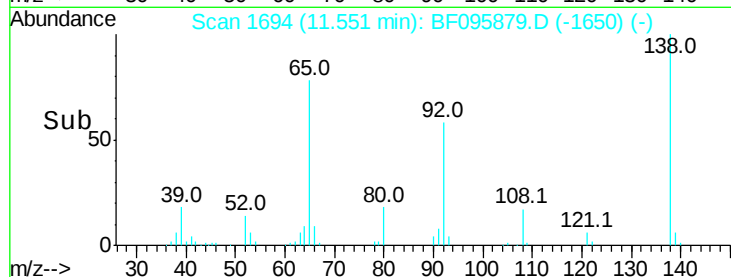
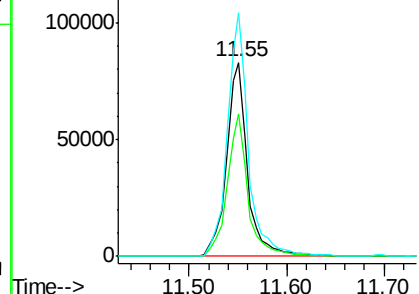
#47
2-Nitroaniline
Concen: 50.42 ng
RT: 11.55 min Scan# 1694
Delta R.T. -0.04 min
Lab File: BF095879.D
Acq: 12 Jun 2017 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 123514
Ion Ratio Lower Upper
65 100
92 73.2 53.9 80.9
138 125.5 78.8 118.2#

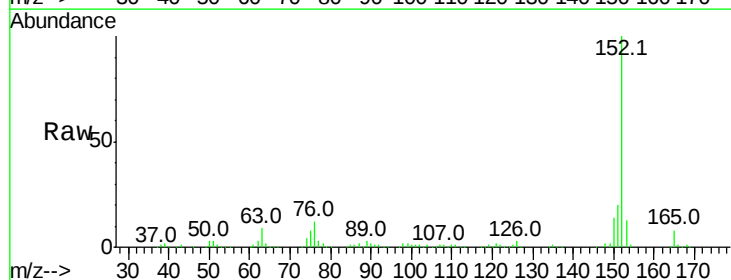


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

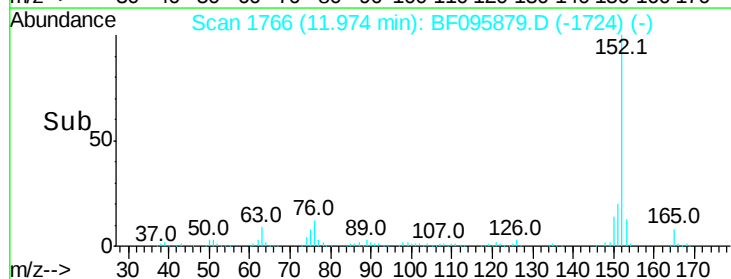
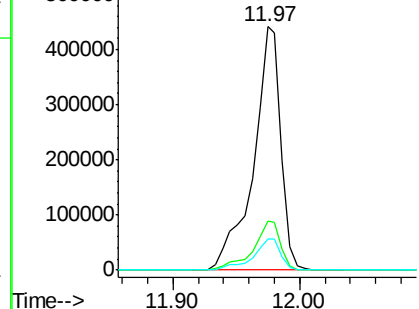


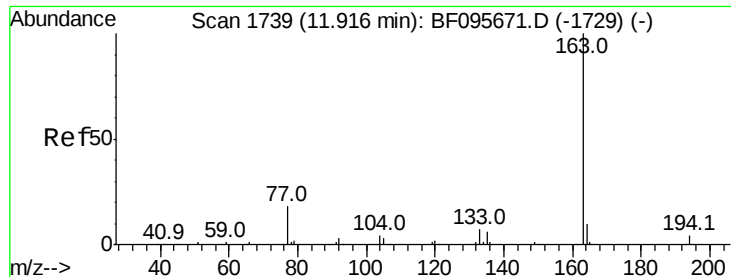
#48
Acenaphthylene
Concen: 46.68 ng
RT: 11.97 min Scan# 1766
Delta R.T. -0.05 min
Lab File: BF095879.D
Acq: 12 Jun 2017 19:01

Tgt Ion:152 Resp: 668254
Ion Ratio Lower Upper
152 100
151 20.0 16.8 25.2
153 13.0 10.8 16.2



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





#49

Dimethylphthalate

Concen: 41.80 ng

RT: 11.87 min Scan# 1749

Delta R.T. -0.04 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampleId :

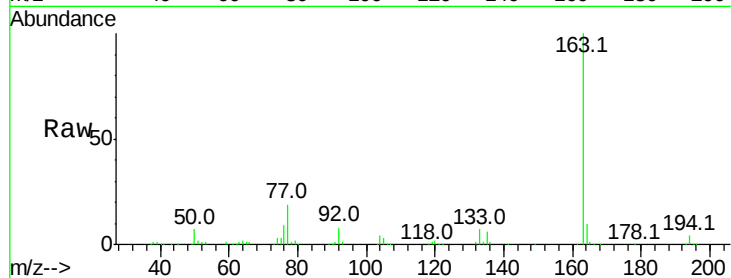
Tot Ion:163 Resp: 412631

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

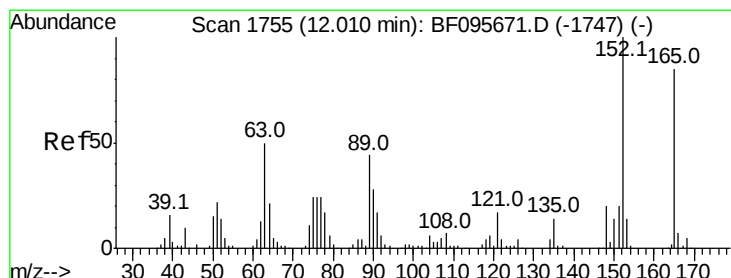
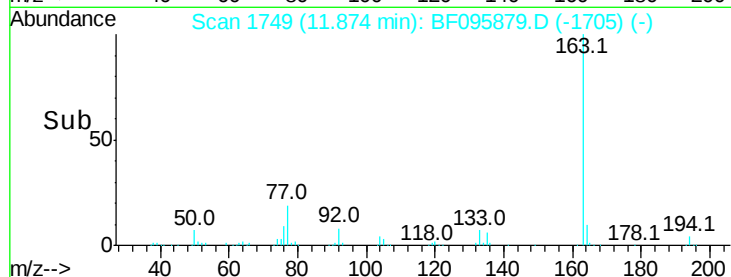
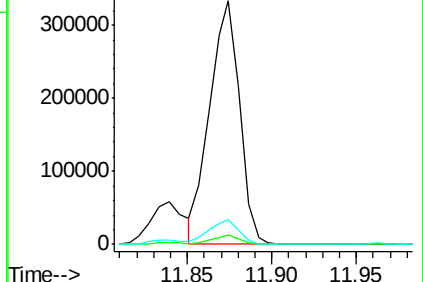
164 10.1 8.4 12.6



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: 49.61 ng

RT: 11.97 min Scan# 1765

Delta R.T. -0.04 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

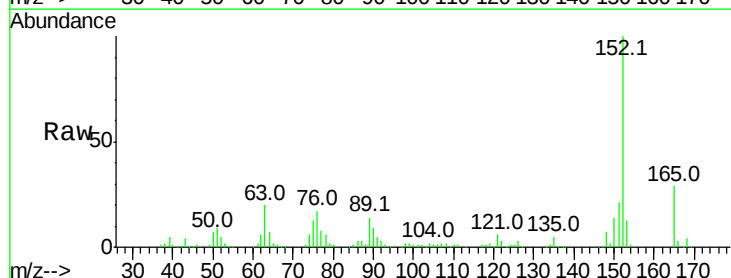
Tgt Ion:165 Resp: 106820

Ion Ratio Lower Upper

165 100

63 67.0 34.3 51.5#

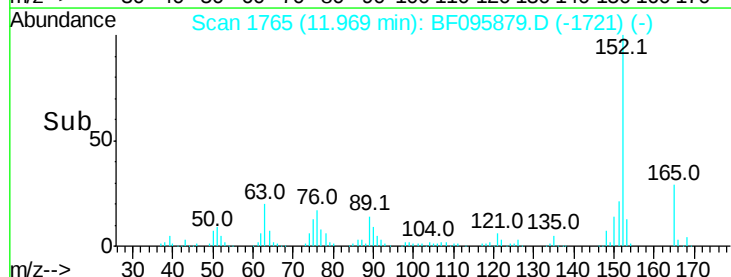
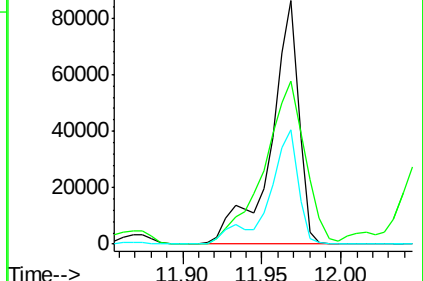
89 47.1 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.81 ng

RT: 12.26 min Scan# 1815

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampleId :

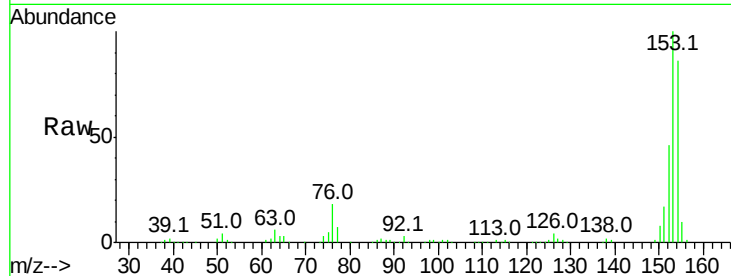
Tot Ion:154 Resp: 395258

Ion Ratio Lower Upper

154 100

153 116.1 90.5 135.7

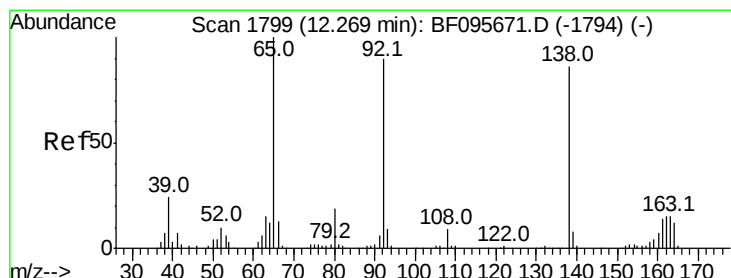
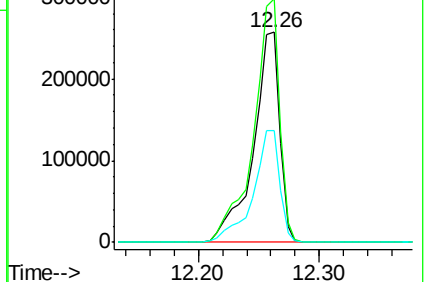
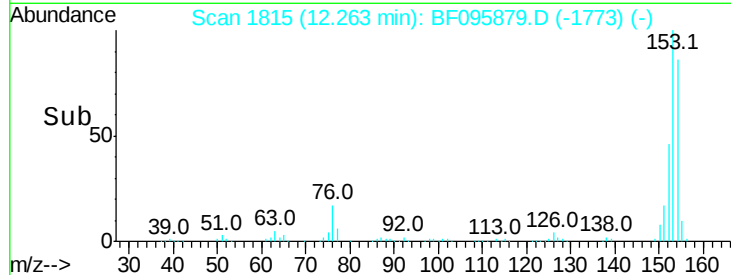
152 53.6 43.6 65.4



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: 25.89 ng

RT: 12.23 min Scan# 1810

Delta R.T. -0.04 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

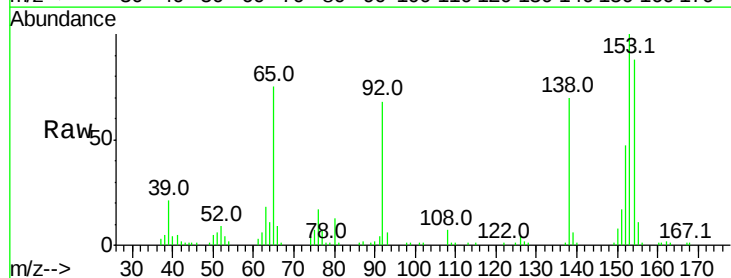
Tgt Ion:138 Resp: 64939

Ion Ratio Lower Upper

138 100

108 10.3 9.1 13.7

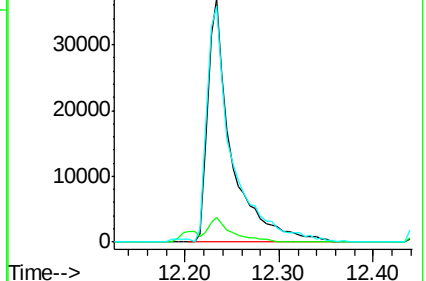
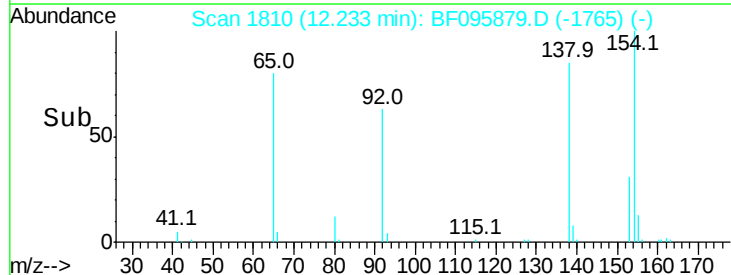
92 96.9 93.8 140.6



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

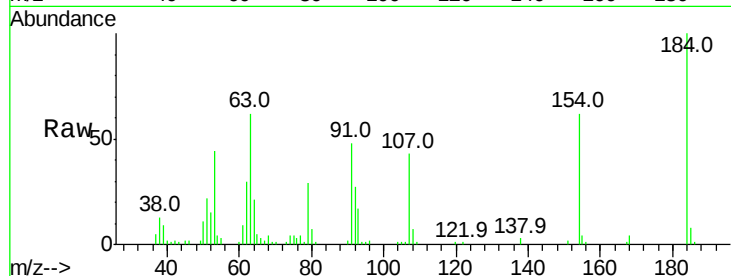




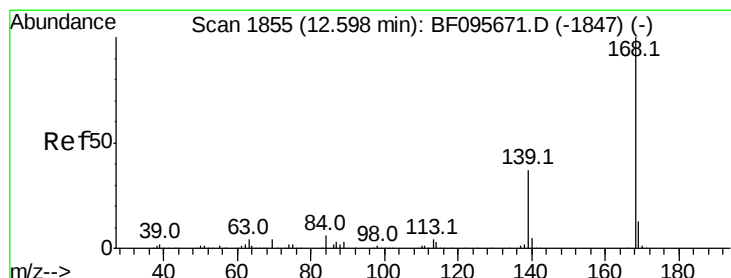
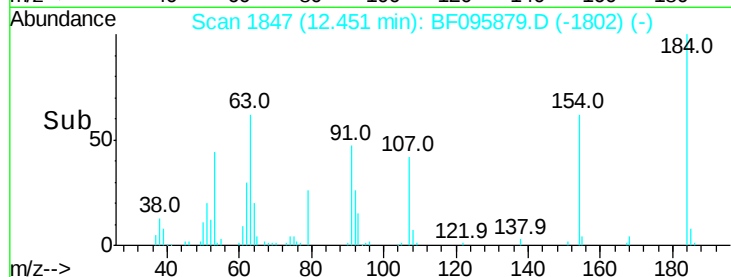
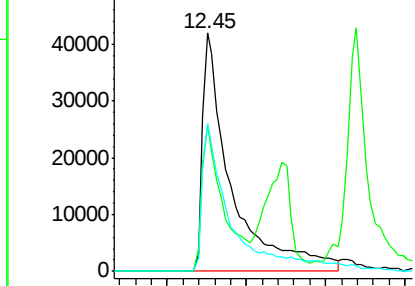
#53
 2,4-Dinitrophenol
 Concen: 86.61 ng
 RT: 12.45 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 106298
 Ion Ratio Lower Upper
 184 100
 63 61.6 62.7 94.1#
 154 62.0 81.1 121.7#

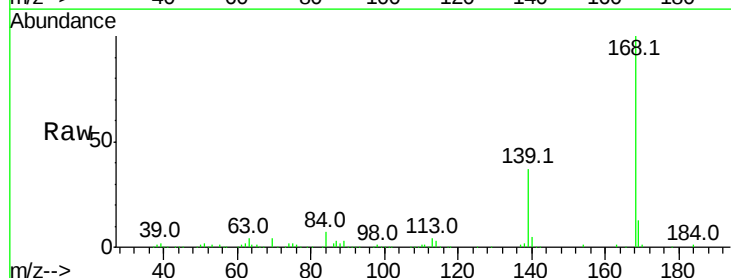


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

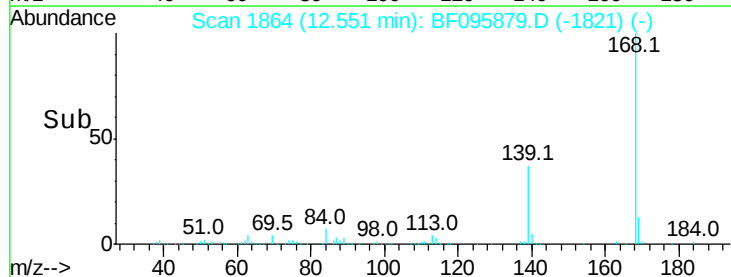
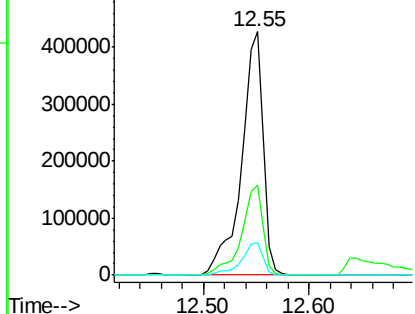


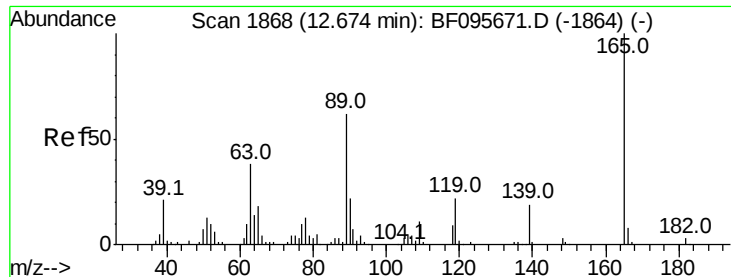
#54
 Dibenzofuran
 Concen: 52.04 ng
 RT: 12.55 min Scan# 1864
 Delta R.T. -0.05 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Tgt Ion:168 Resp: 605580
 Ion Ratio Lower Upper
 168 100
 139 36.8 30.6 45.8
 169 13.3 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

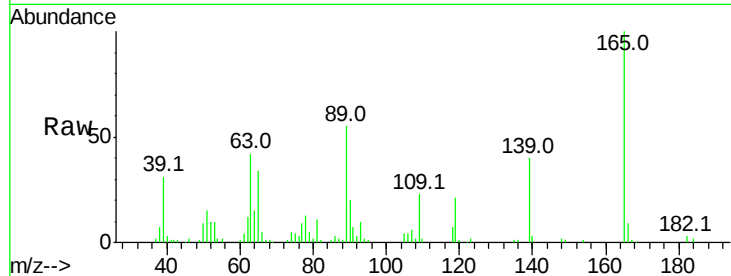




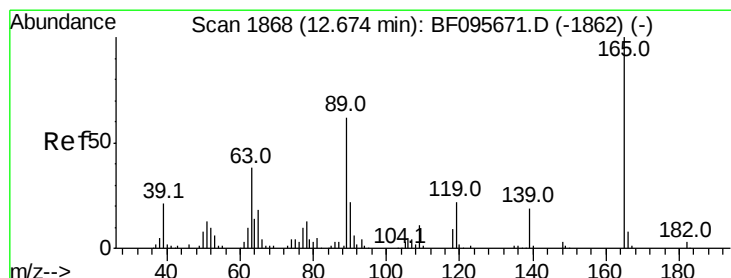
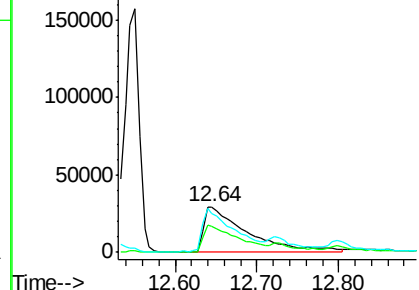
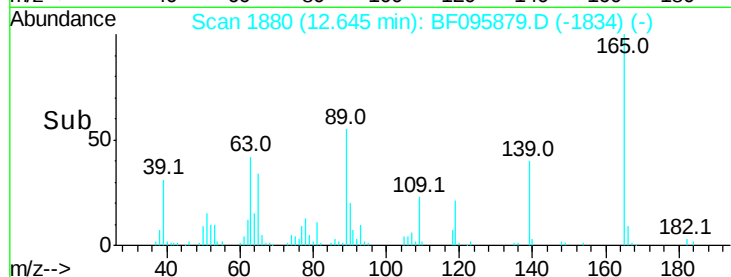
#55
4-Nitrophenol
Concen: 74.50 ng
RT: 12.64 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BF095879.D
Acq: 12 Jun 2017 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	57.6	34.1	74.1
65	85.1	31.4	71.4

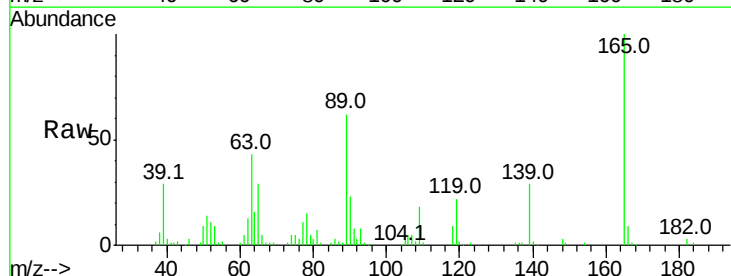


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

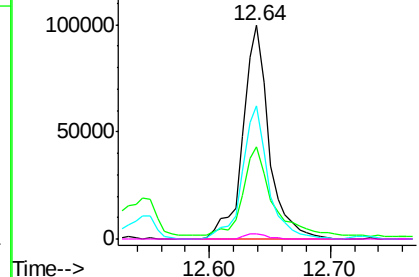
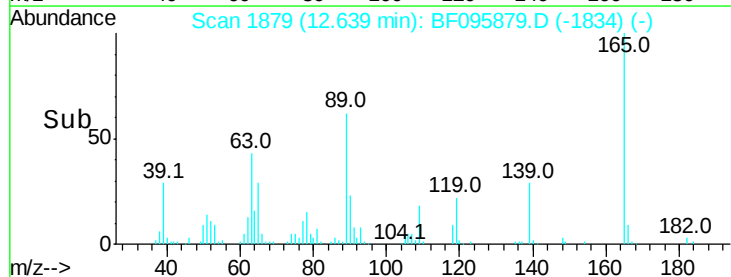


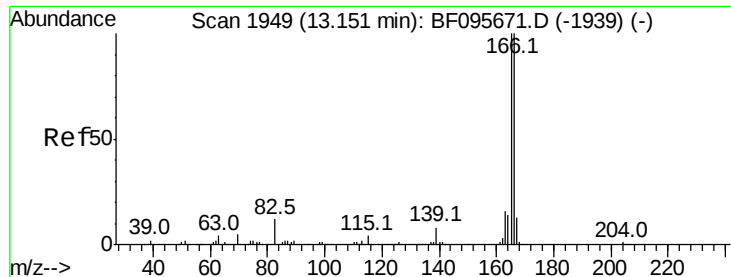
#56
2,4-Dinitrotoluene
Concen: 51.79 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BF095879.D
Acq: 12 Jun 2017 19:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.0	25.4	38.0
89	62.3	46.4	69.6
182	2.6	1.8	2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BFO
Ion 89.00 (88.70 to 89.70): BFO
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.40 ng

RT: 13.10 min Scan# 1958

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampleId :

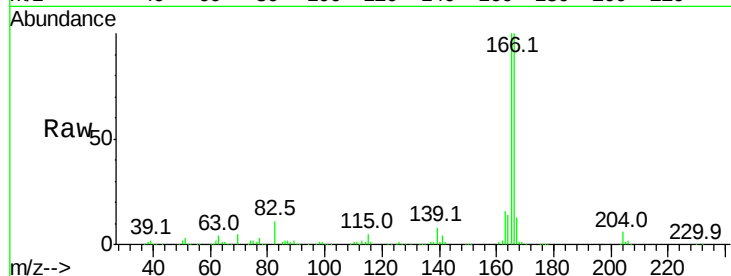
Tot Ion:166 Resp: 480054

Ion Ratio Lower Upper

166 100

165 99.7 78.8 118.2

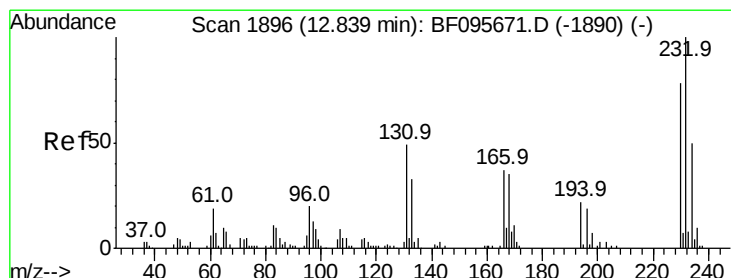
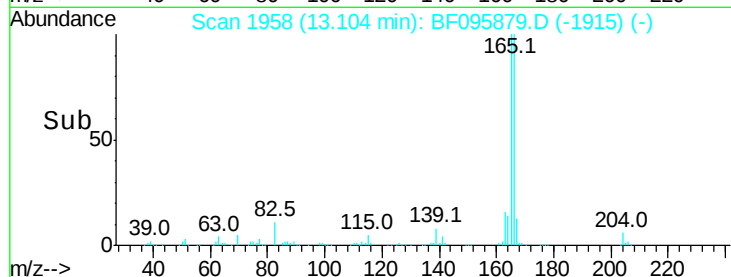
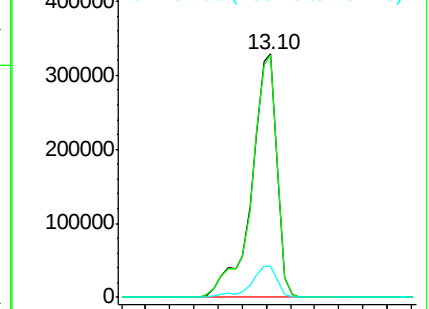
167 12.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.27 ng

RT: 12.80 min Scan# 1906

Delta R.T. -0.04 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Tgt Ion:232 Resp: 100631

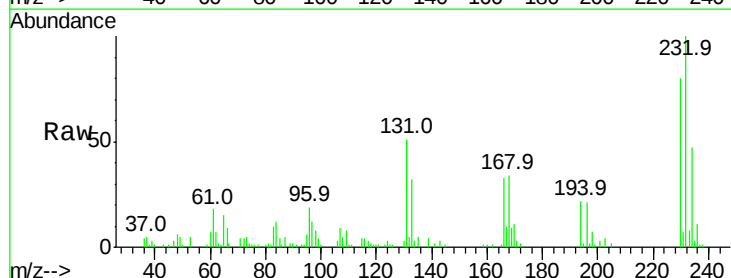
Ion Ratio Lower Upper

232 100

131 47.4 44.8 67.2

130 2.1 2.3 3.5#

166 30.8 29.0 43.4

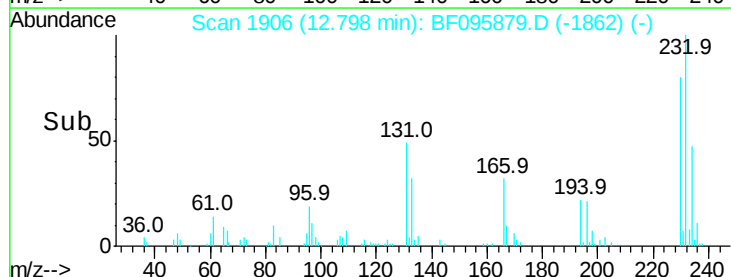
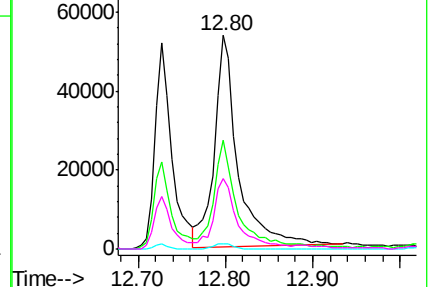


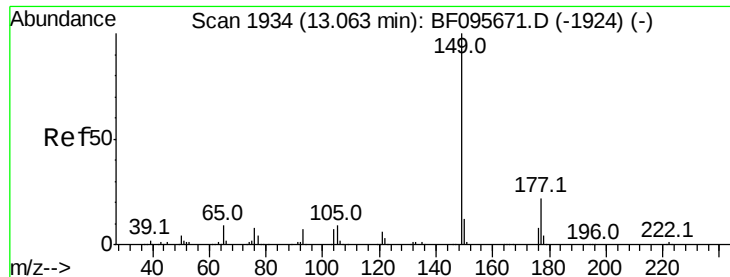
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

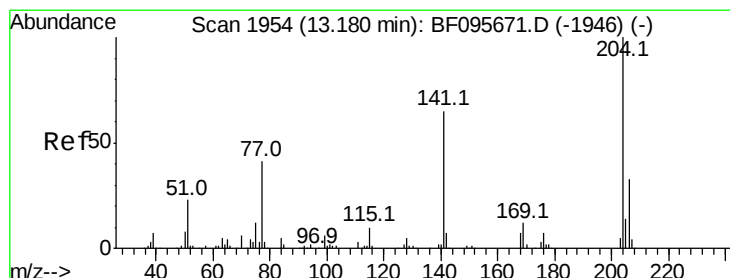
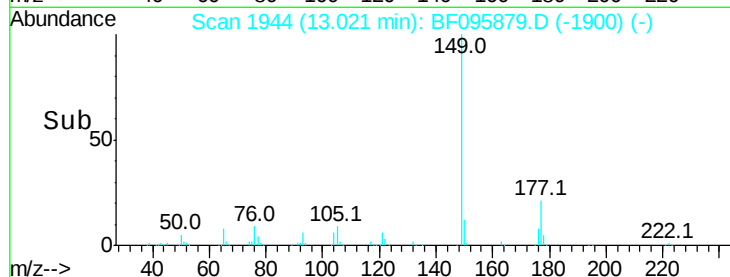
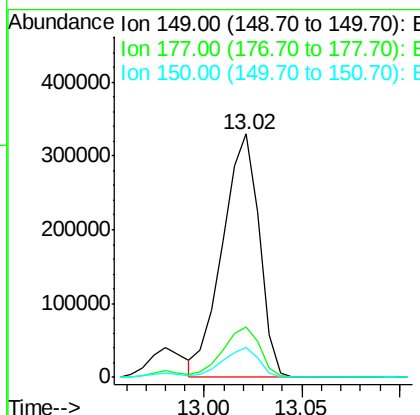
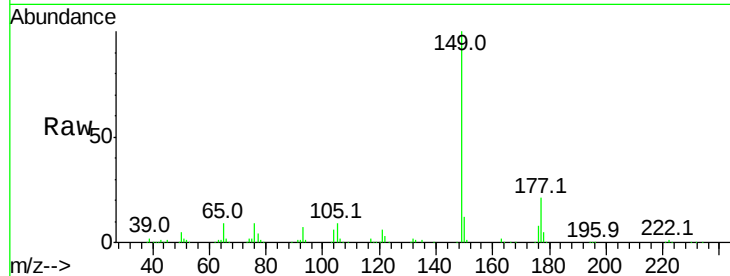




#59
Diethylphthalate
Concen: 45.35 ng
RT: 13.02 min Scan# 1944
Delta R.T. -0.04 min
Lab File: BF095879.D
Acq: 12 Jun 2017 19:01

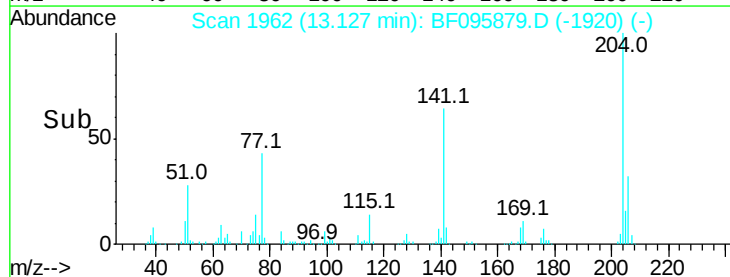
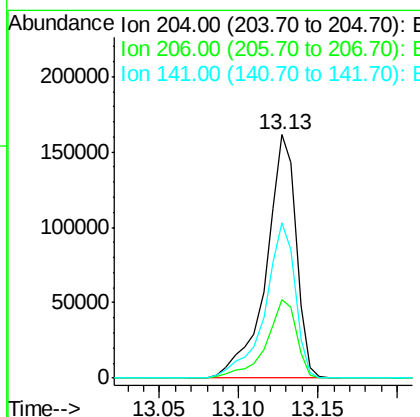
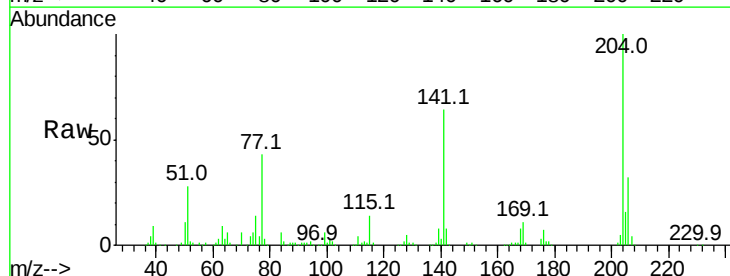
Instrument :
BNA_F
ClientSampleId :

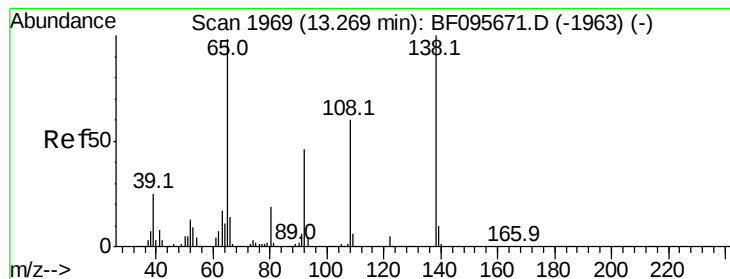
Tot Ion:149 Resp: 430786
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 12.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 48.52 ng
RT: 13.13 min Scan# 1962
Delta R.T. -0.05 min
Lab File: BF095879.D
Acq: 12 Jun 2017 19:01

Tgt Ion:204 Resp: 213676
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 63.7 60.8 91.2





#61

4-Nitroaniline

Concen: 47.49 ng

RT: 13.24 min Scan# 1981

Delta R.T. -0.03 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampled :

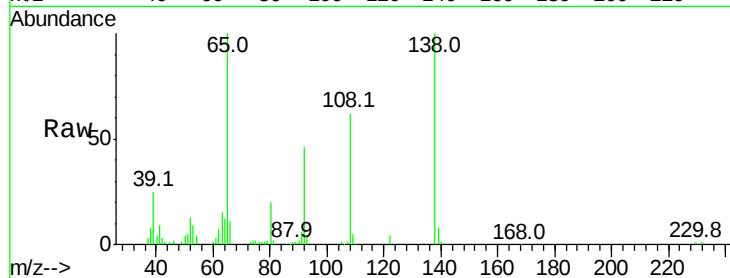
Tot Ion:138 Resp: 111227

Ion Ratio Lower Upper

138 100

92 46.0 21.8 61.8

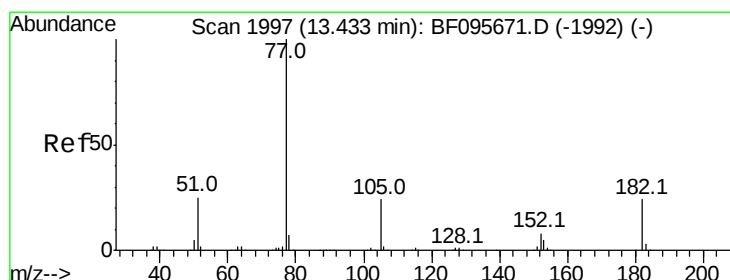
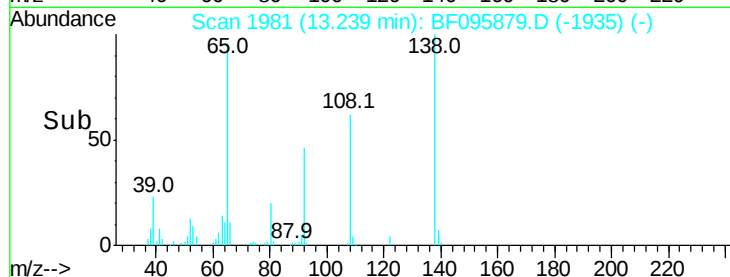
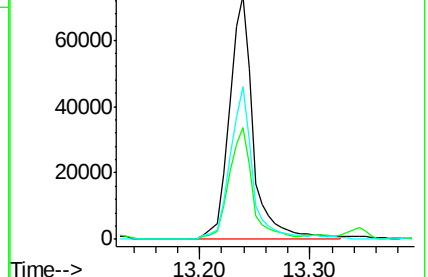
108 62.5 42.3 82.3



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: 48.24 ng

RT: 13.39 min Scan# 2006

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Tgt Ion: 77 Resp: 415287

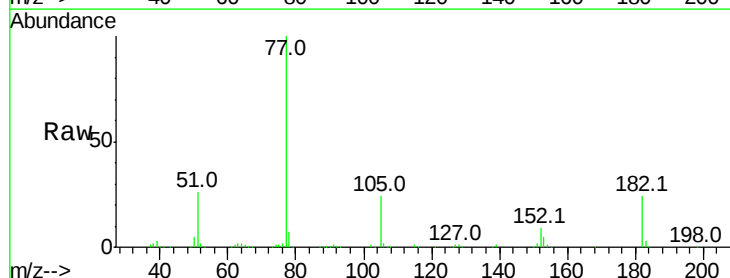
Ion Ratio Lower Upper

77 100

182 23.9 0.1 40.1

105 23.9 3.6 43.6

51 25.6 9.4 49.4

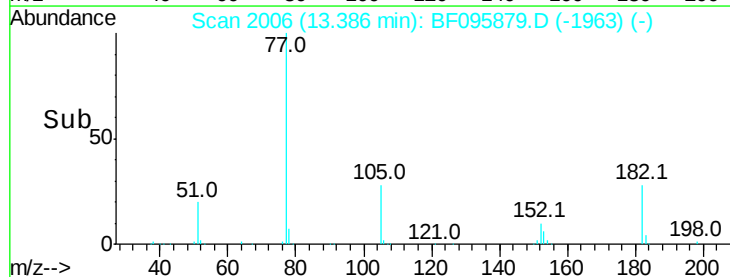
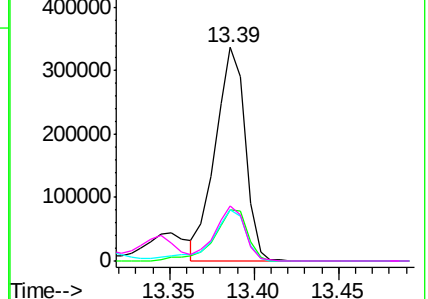


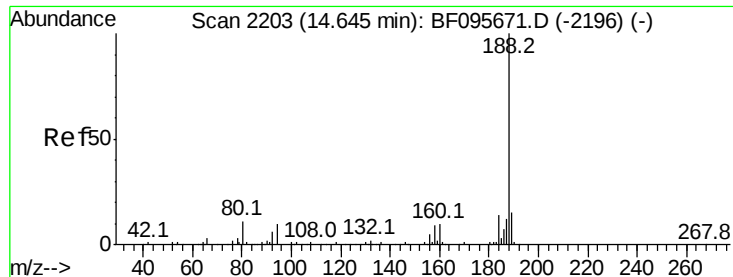
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

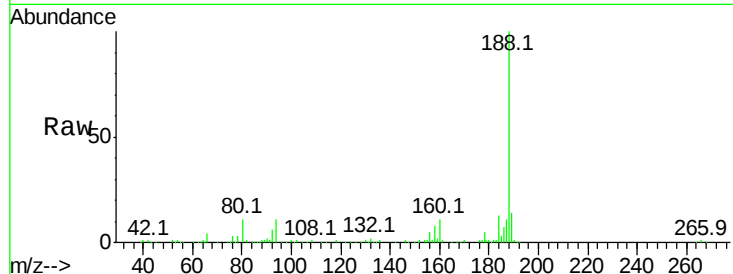




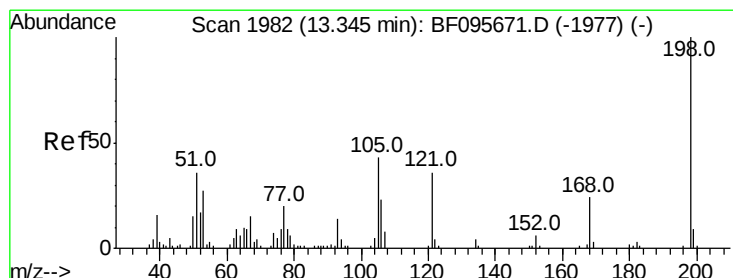
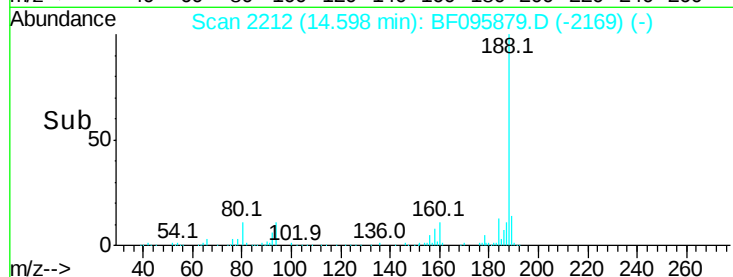
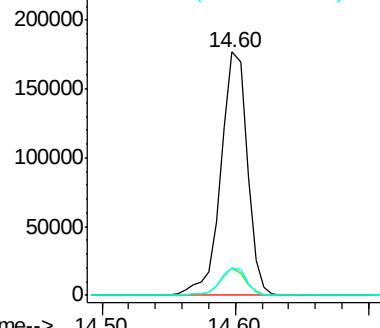
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095879.D
Acq: 12 Jun 2017 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 239782
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 11.1 10.2 15.2

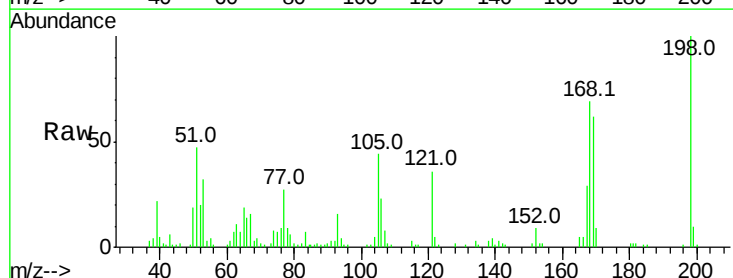


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

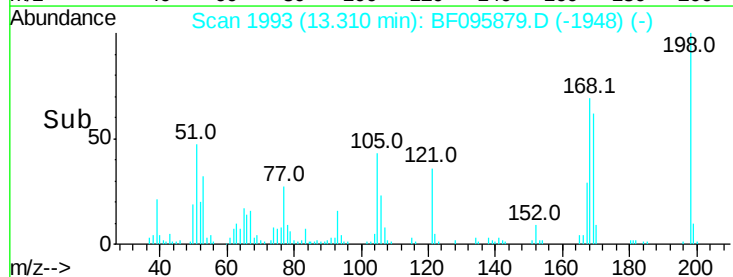
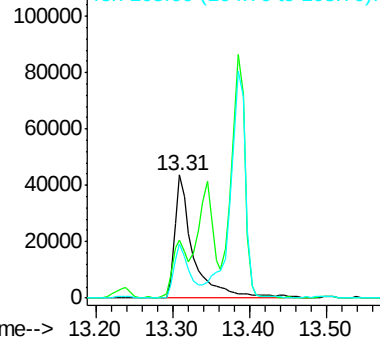


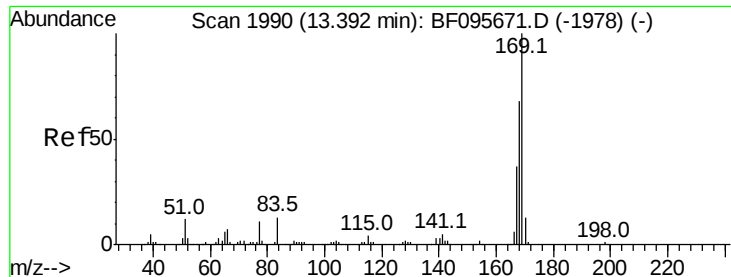
#64
4,6-Dinitro-2-methylphenol
Concen: 46.36 ng
RT: 13.31 min Scan# 1993
Delta R.T. -0.04 min
Lab File: BF095879.D
Acq: 12 Jun 2017 19:01

Tgt Ion:198 Resp: 73065
Ion Ratio Lower Upper
198 100
51 47.2 53.2 93.2#
105 43.7 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: 47.98 ng

RT: 13.34 min Scan# 1999

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampleId :

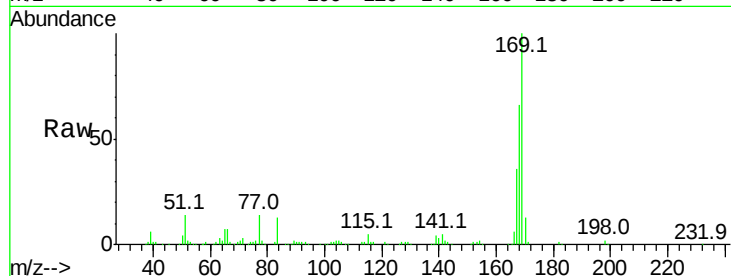
Tot Ion:169 Resp: 413434

Ion Ratio Lower Upper

169 100

168 66.4 53.2 79.8

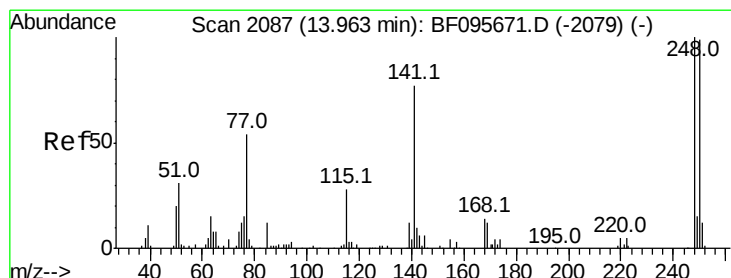
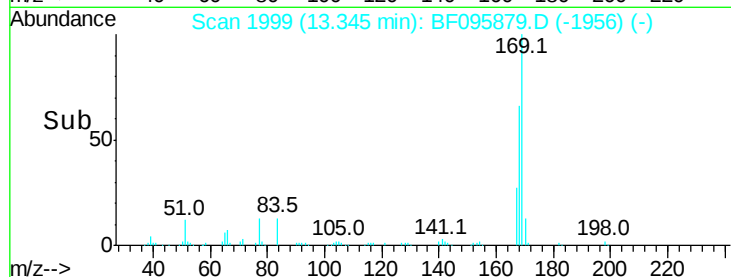
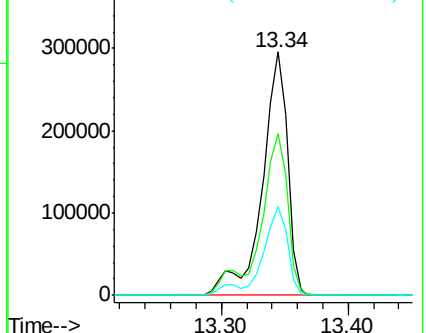
167 36.4 29.5 44.3



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: 48.66 ng

RT: 13.91 min Scan# 2095

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

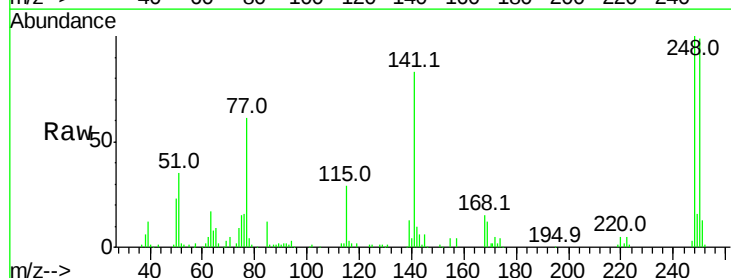
Tgt Ion:248 Resp: 121263

Ion Ratio Lower Upper

248 100

250 98.6 76.8 115.2

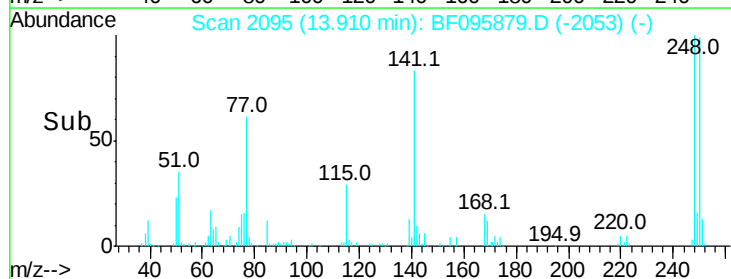
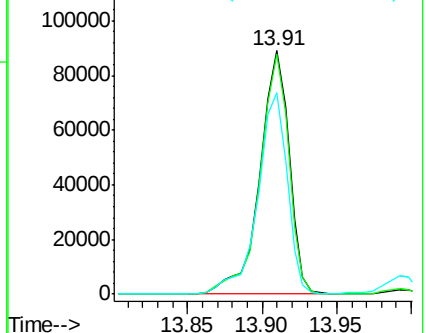
141 82.9 68.6 103.0

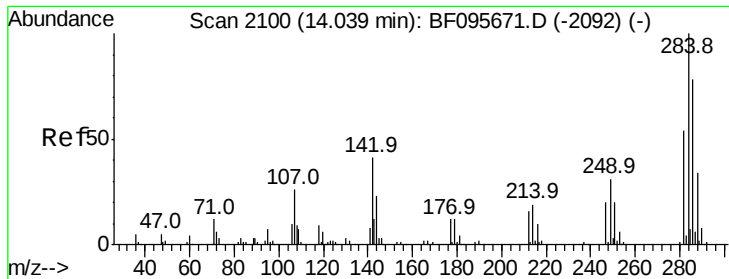


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 49.23 ng

RT: 13.99 min Scan# 2109

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampled :

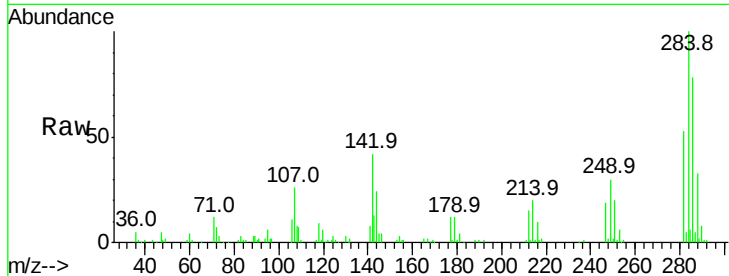
Tot Ion:284 Resp: 120885

Ion Ratio Lower Upper

284 100

142 42.0 22.8 34.2#

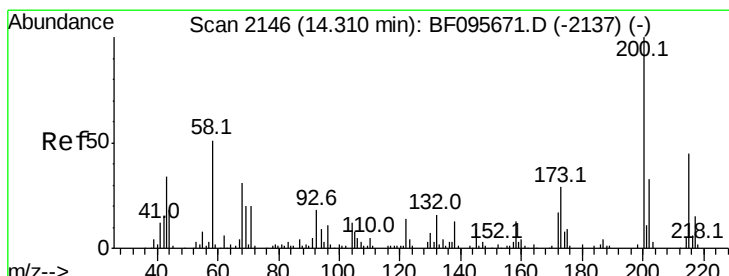
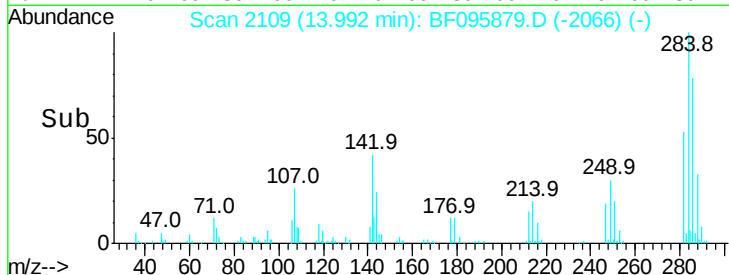
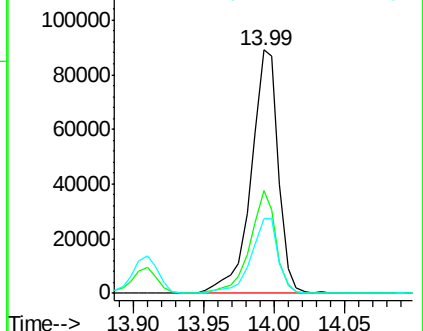
249 30.4 24.0 36.0



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: 47.46 ng

RT: 14.27 min Scan# 2157

Delta R.T. -0.04 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

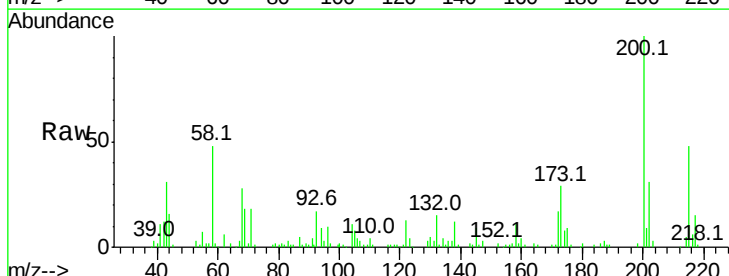
Tgt Ion:200 Resp: 113811

Ion Ratio Lower Upper

200 100

173 28.5 6.3 46.3

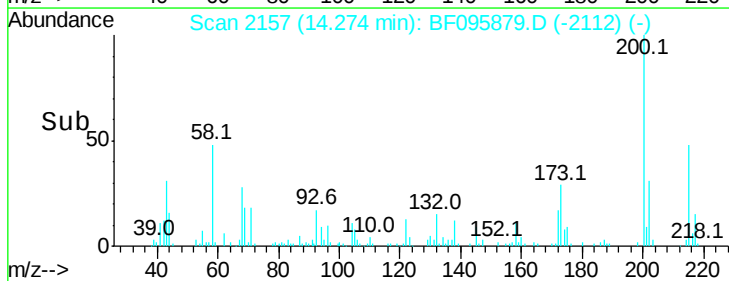
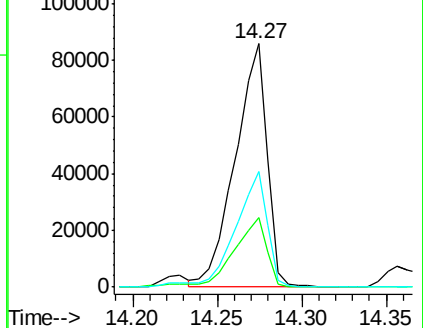
215 47.7 27.2 67.2



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

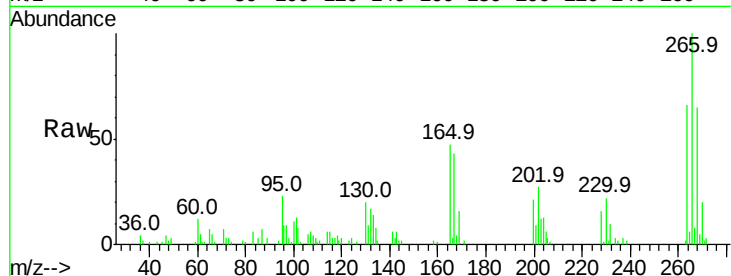




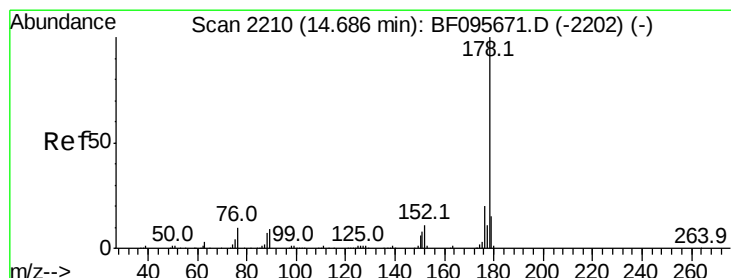
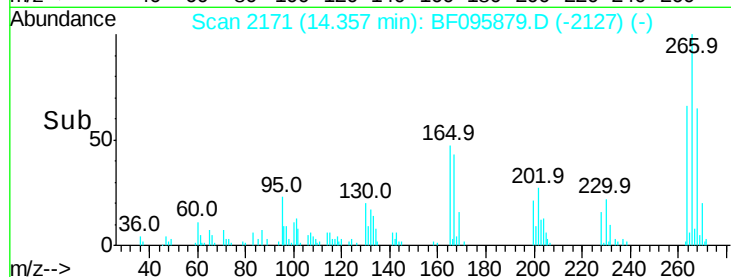
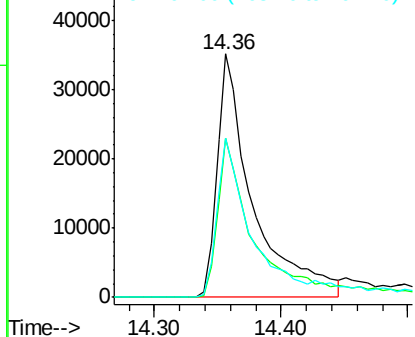
#69
 Pentachlorophenol
 Concen: 74.78 ng
 RT: 14.36 min Scan# 2171
 Delta R.T. -0.04 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.1	76.7
264	65.5	51.7	77.5

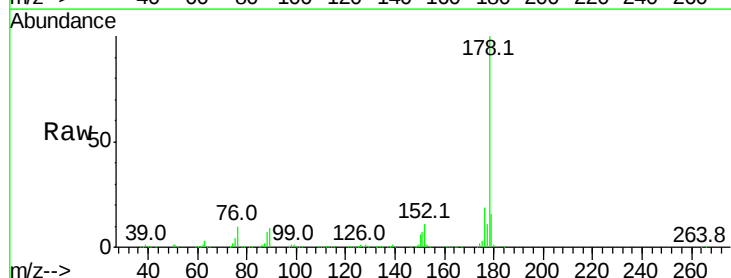


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

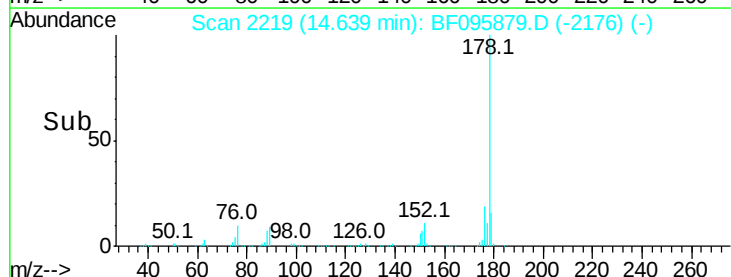
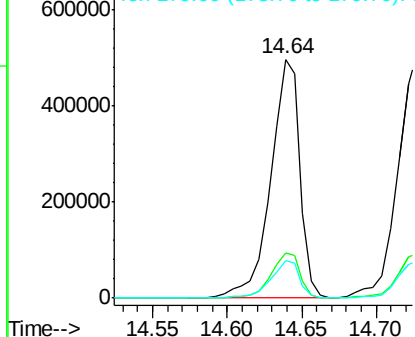


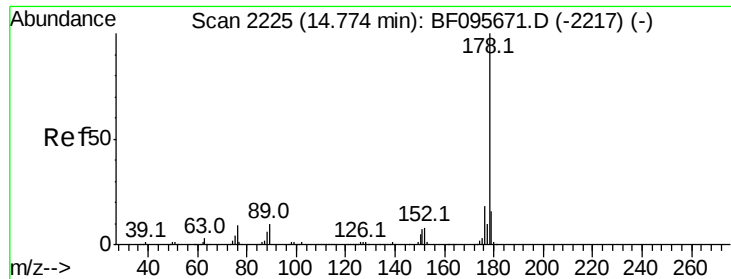
#70
 Phenanthrene
 Concen: 48.65 ng
 RT: 14.64 min Scan# 2219
 Delta R.T. -0.05 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.5	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

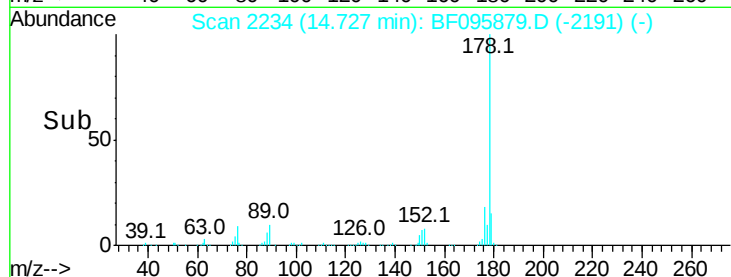
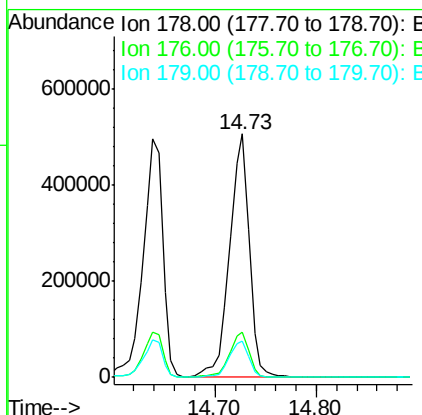
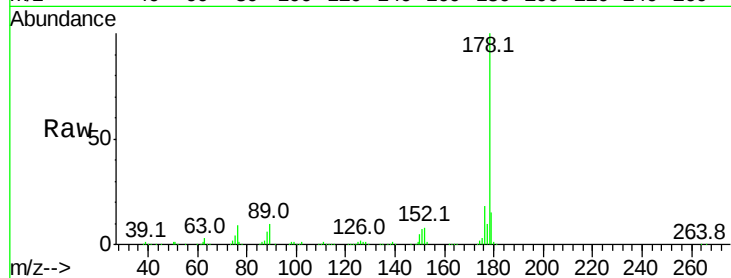




#71
 Anthracene
 Concen: 47.55 ng
 RT: 14.73 min Scan# 2234
 Delta R.T. -0.05 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

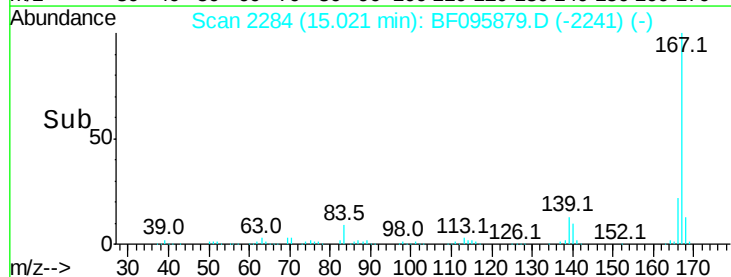
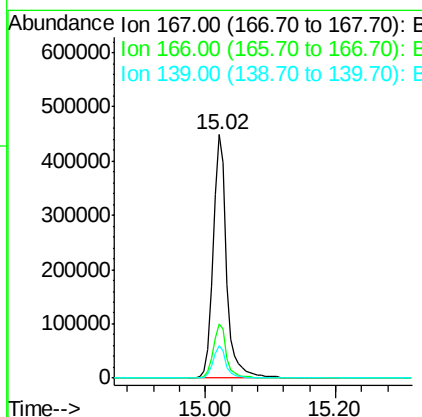
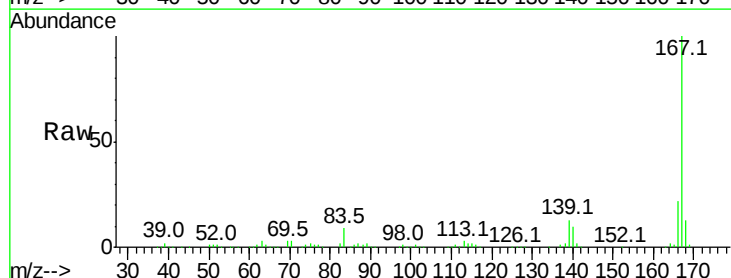
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 686745
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 14.9 12.7 19.1



#72
 Carbazole
 Concen: 45.46 ng
 RT: 15.02 min Scan# 2284
 Delta R.T. -0.05 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Tgt Ion:167 Resp: 639889
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 51.43 ng

RT: 15.62 min Scan# 2385

Delta R.T. -0.04 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampleId :

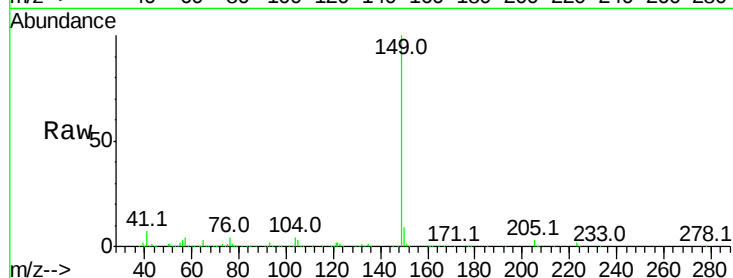
Tot Ion:149 Resp: 770130

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

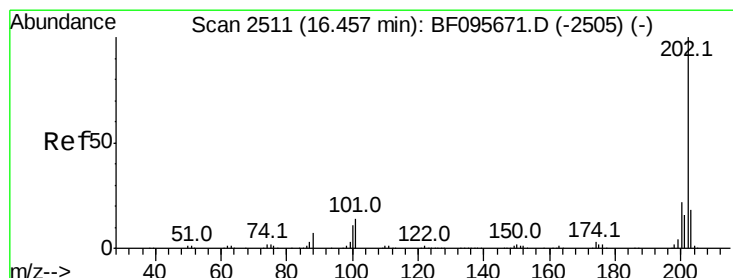
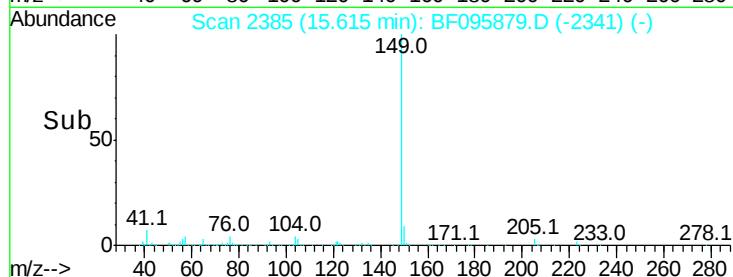
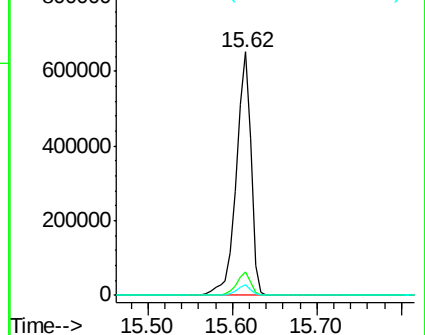
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.86 ng

RT: 16.42 min Scan# 2522

Delta R.T. -0.04 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

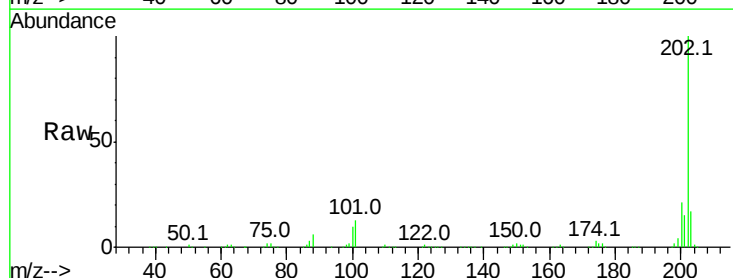
Tgt Ion:202 Resp: 669072

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

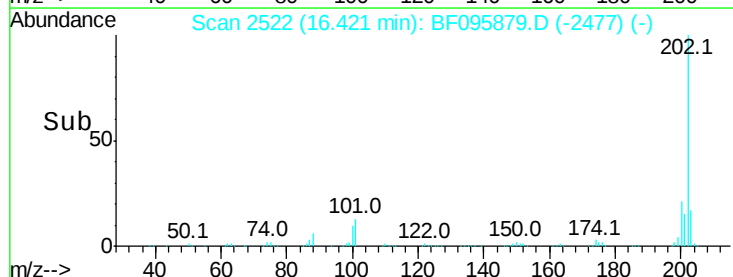
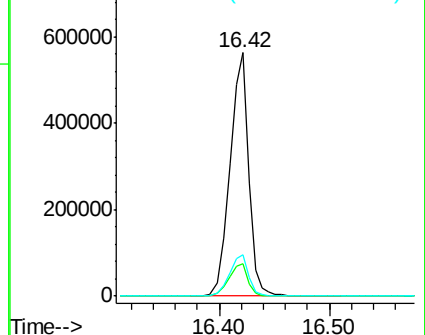
203 17.1 0.0 38.1

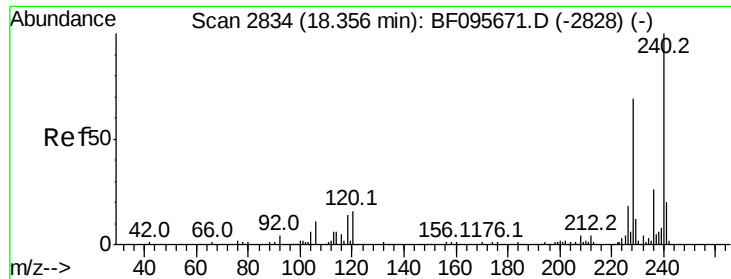


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

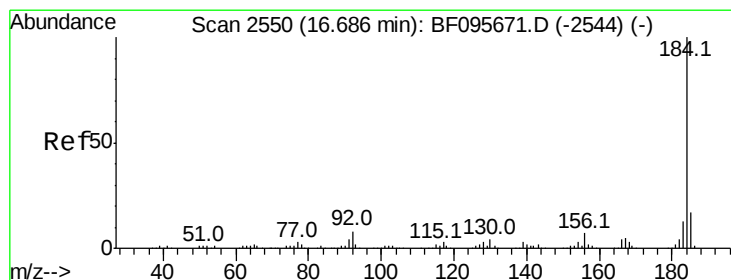
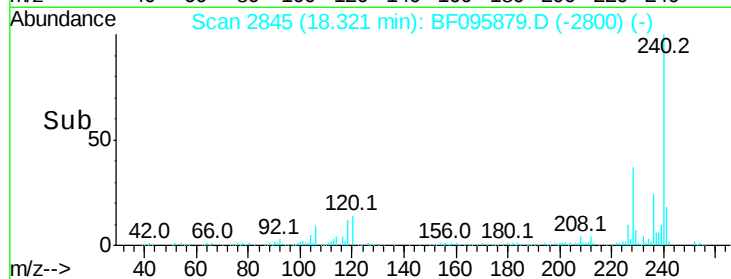
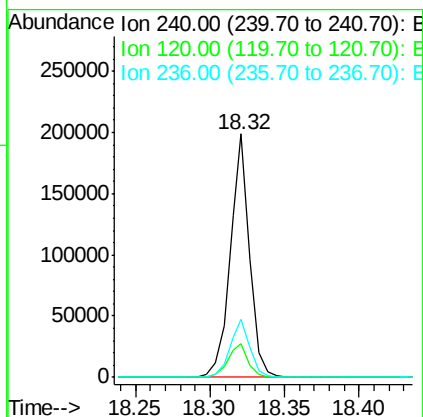
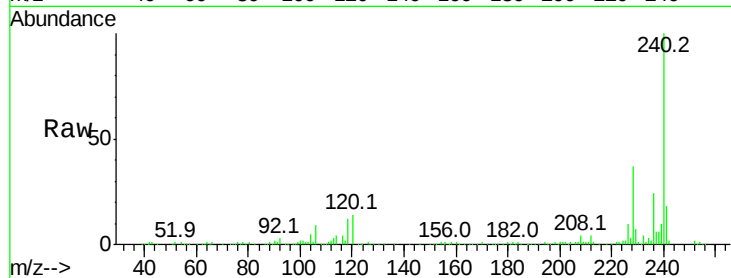




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.04 min
Lab File: BF095879.D
Acq: 12 Jun 2017 19:01

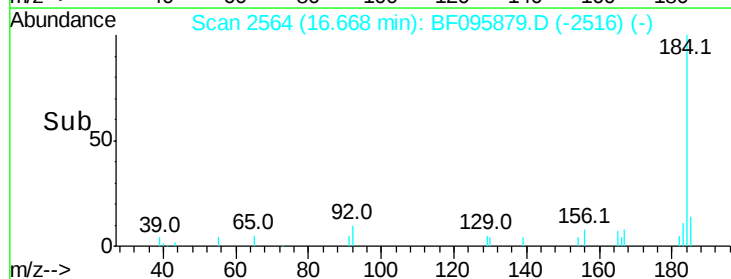
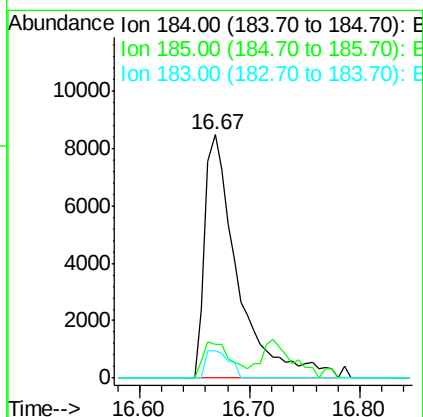
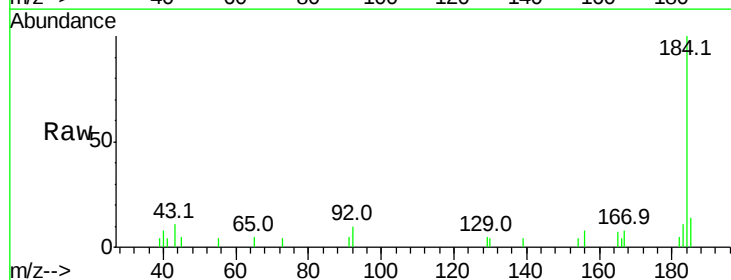
Instrument :
BNA_F
ClientSampleId :

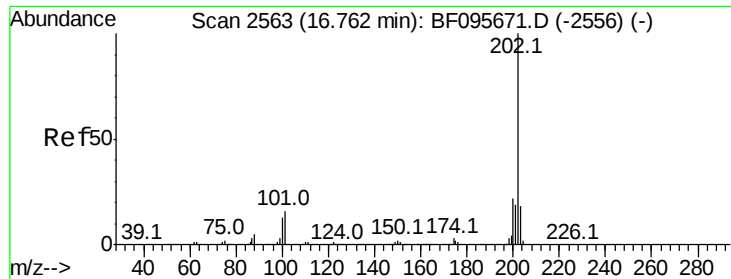
Tot Ion:240 Resp: 180751
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 23.9 20.5 30.7



#76
Benzidine
Concen: 2.49 ng
RT: 16.67 min Scan# 2564
Delta R.T. -0.02 min
Lab File: BF095879.D
Acq: 12 Jun 2017 19:01

Tgt Ion:184 Resp: 17285
Ion Ratio Lower Upper
184 100
185 13.9 15.5 23.3#
183 11.4 9.8 14.6





#77

Pvrene

Concen: 51.17 ng

RT: 16.72 min Scan# 2573

Delta R.T. -0.04 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampleId :

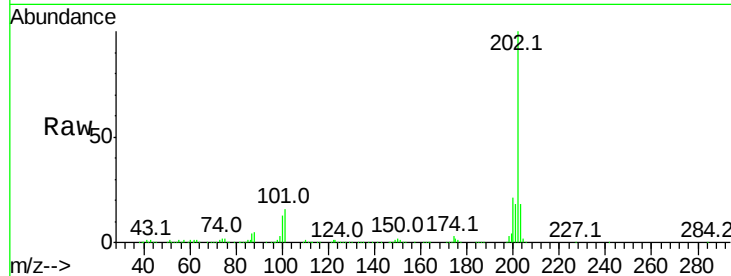
Tot Ion:202 Resp: 690082

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

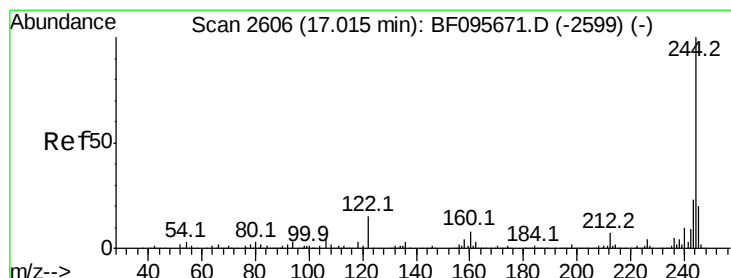
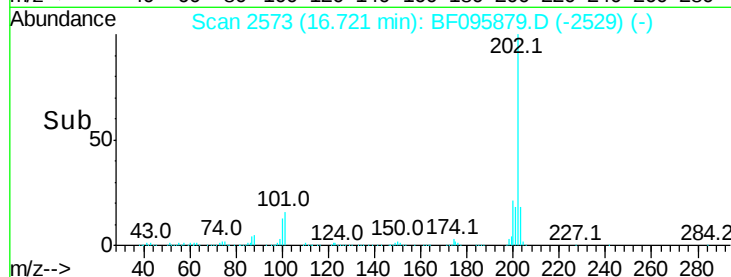
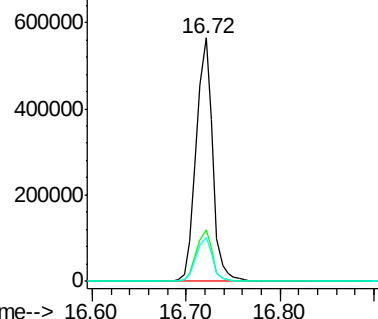
203 18.1 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 105.20 ng

RT: 16.98 min Scan# 2617

Delta R.T. -0.04 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

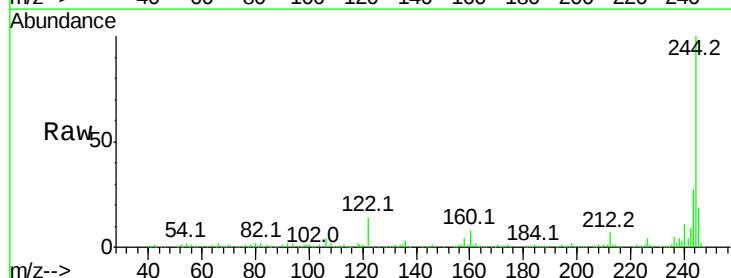
Tgt Ion:244 Resp: 766225

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

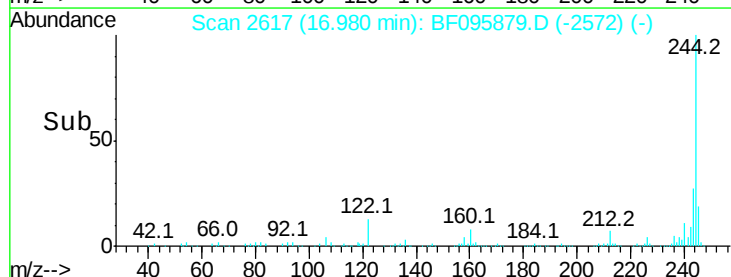
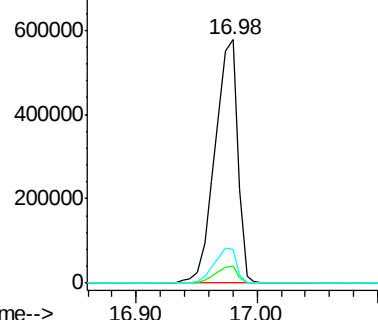
122 13.7 10.3 15.5

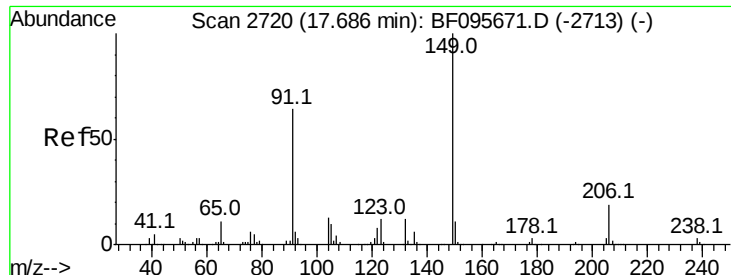


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

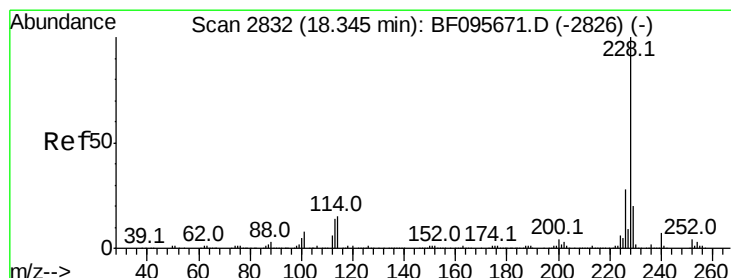
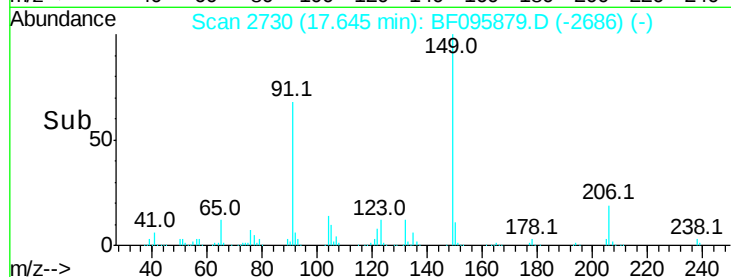
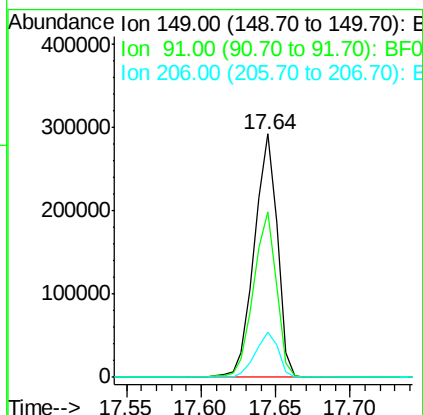
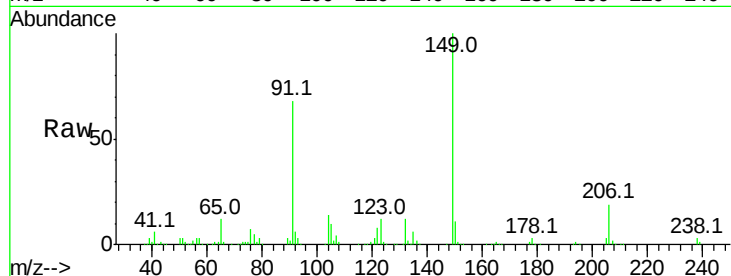




#79
Butylbenzylphthalate
Concen: 52.72 ng
RT: 17.64 min Scan# 2730
Delta R.T. -0.04 min
Lab File: BF095879.D
Acq: 12 Jun 2017 19:01

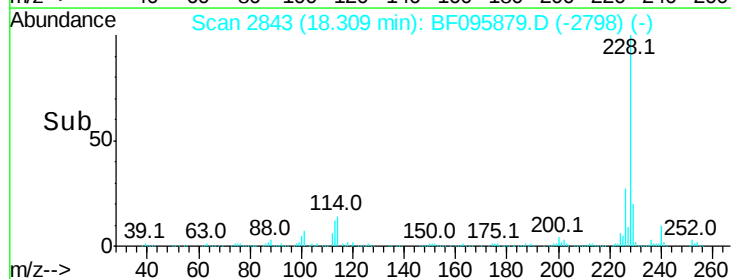
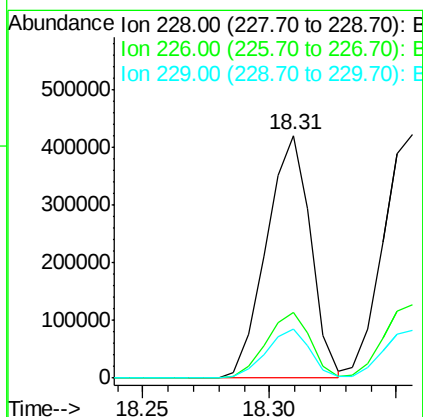
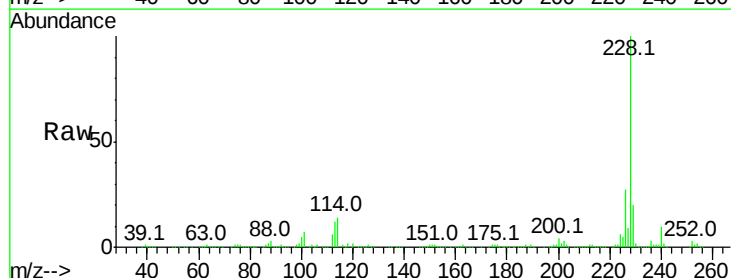
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 310513
Ion Ratio Lower Upper
149 100
91 68.0 45.0 67.4#
206 18.8 17.0 25.6



#80
Benzo(a)anthracene
Concen: 48.65 ng
RT: 18.31 min Scan# 2843
Delta R.T. -0.04 min
Lab File: BF095879.D
Acq: 12 Jun 2017 19:01

Tgt Ion:228 Resp: 511274
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 20.4 16.3 24.5

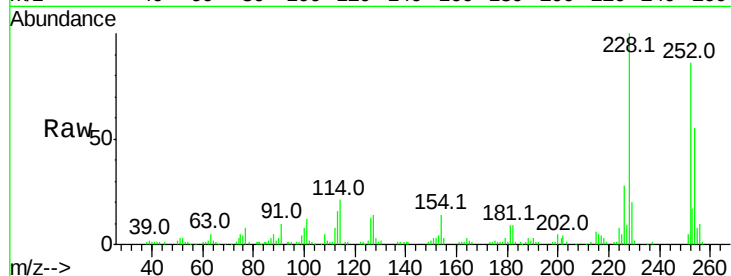




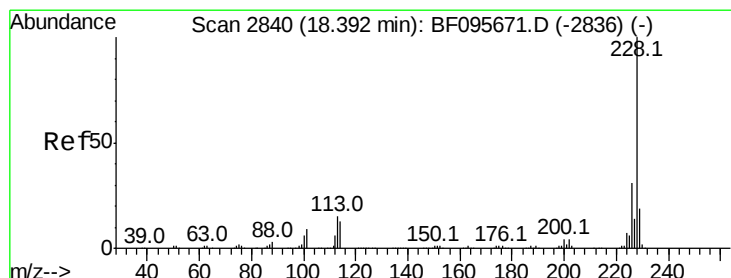
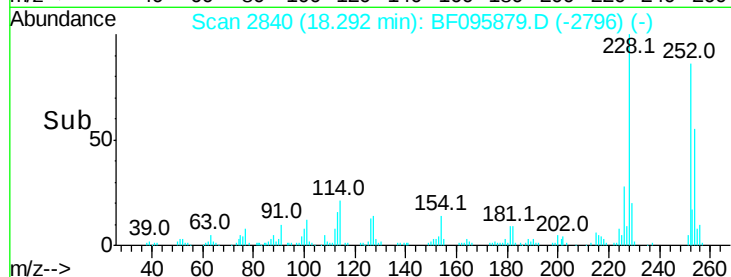
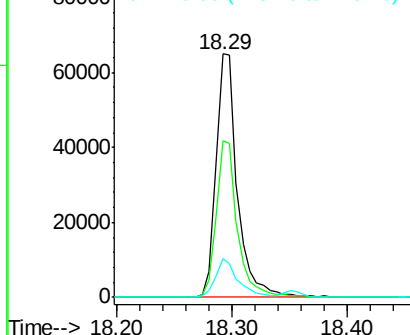
#81
 3,3'-Dichlorobenzidine
 Concen: 22.23 ng
 RT: 18.29 min Scan# 2840
 Delta R.T. -0.04 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 83069
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.5 77.3
 126 15.8 15.8 23.8#

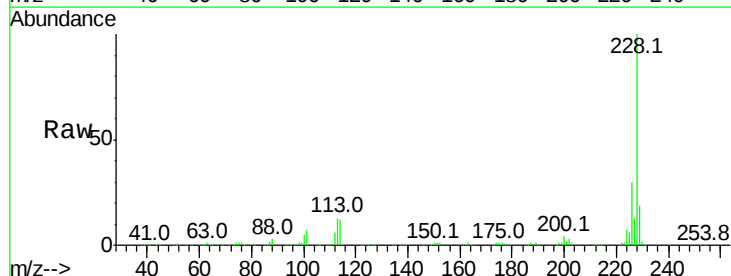


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

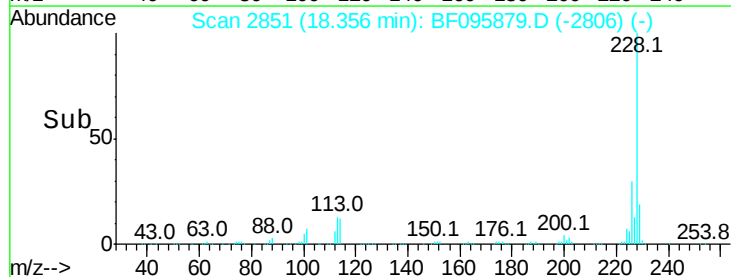
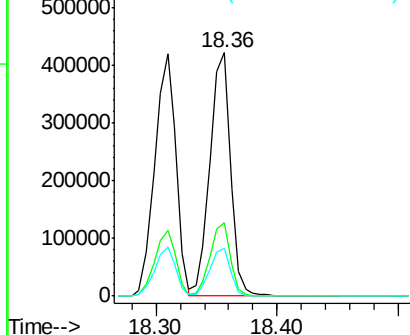


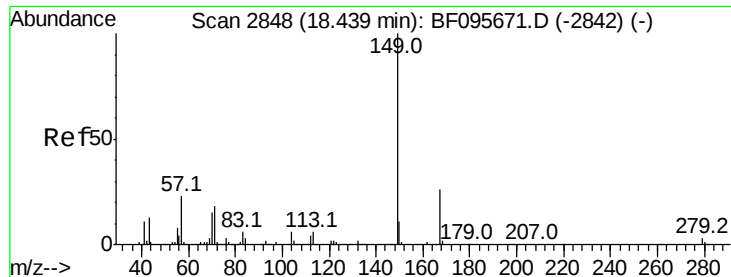
#82
 Chrysene
 Concen: 47.13 ng
 RT: 18.36 min Scan# 2851
 Delta R.T. -0.04 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Tgt Ion:228 Resp: 494954
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.9 37.3
 229 19.5 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.07 ng

RT: 18.40 min Scan# 2858

Delta R.T. -0.04 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampleId :

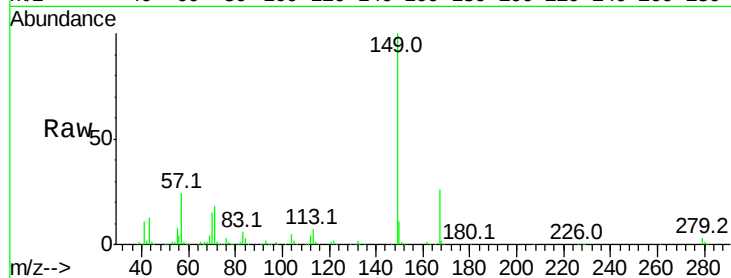
Tot Ion:149 Resp: 432610

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

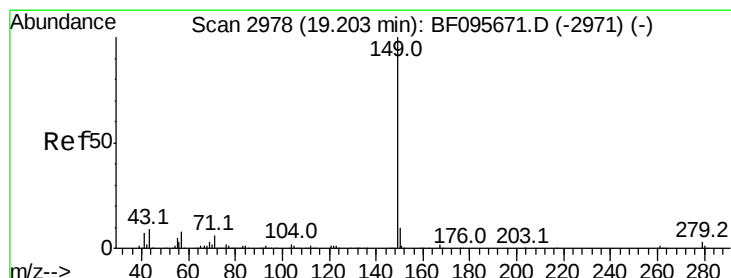
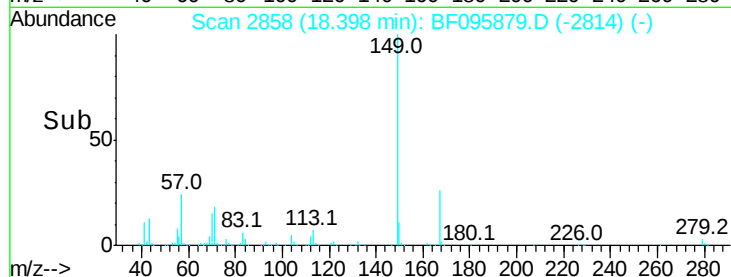
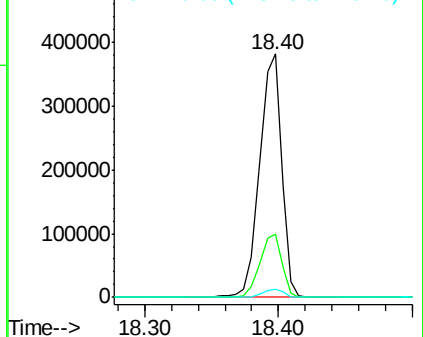
279 3.2 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.02 ng

RT: 19.16 min Scan# 2988

Delta R.T. -0.04 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

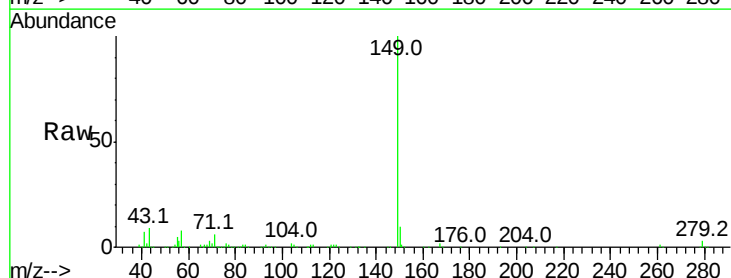
Tgt Ion:149 Resp: 657511

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

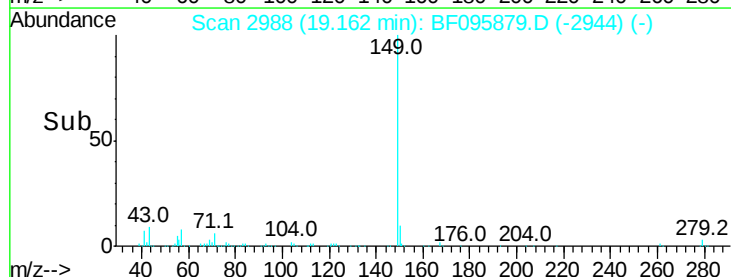
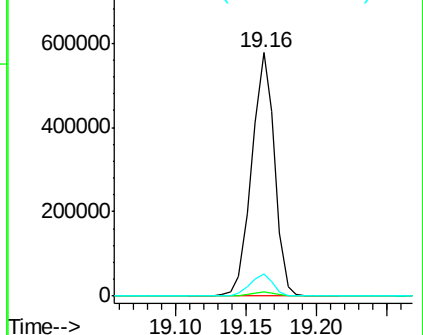
43 9.0 8.5 12.7

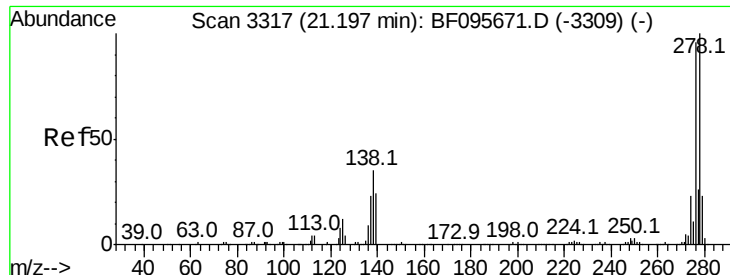


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

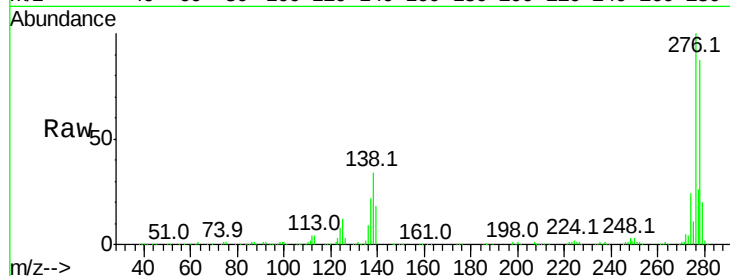




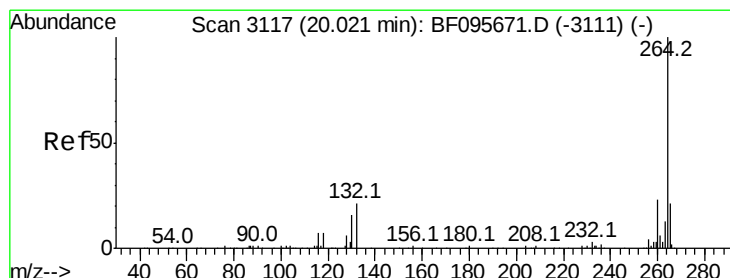
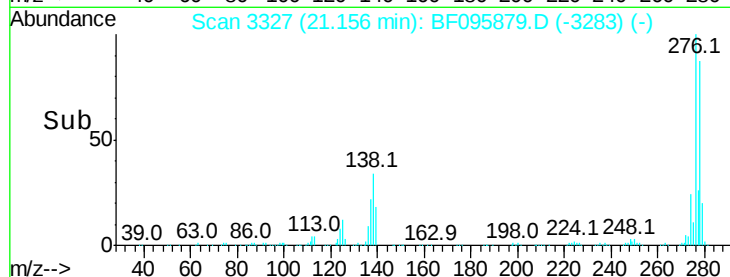
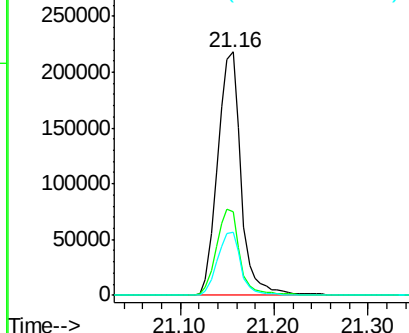
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.42 ng
 RT: 21.16 min Scan# 3327
 Delta R.T. -0.04 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.4	27.8	41.6
277	26.0	20.2	30.4

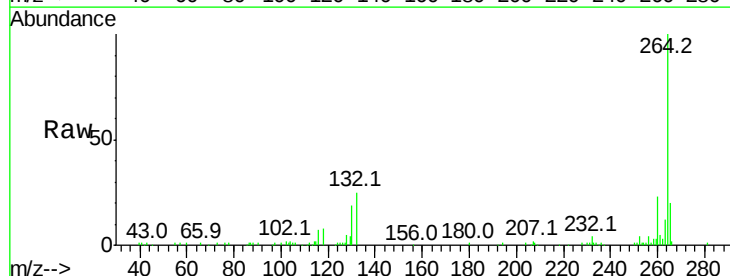


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

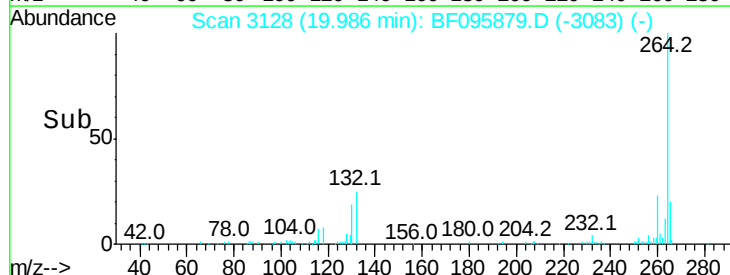
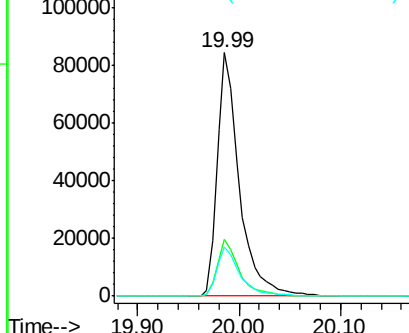


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.99 min Scan# 3128
 Delta R.T. -0.04 min
 Lab File: BF095879.D
 Acq: 12 Jun 2017 19:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	19.9	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 51.18 ng

RT: 19.58 min Scan# 3059

Delta R.T. -0.04 min

Lab File: BF095879.D

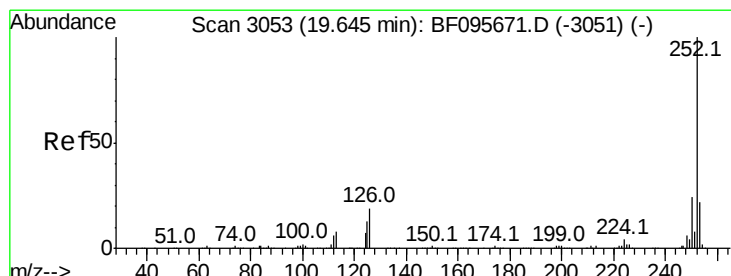
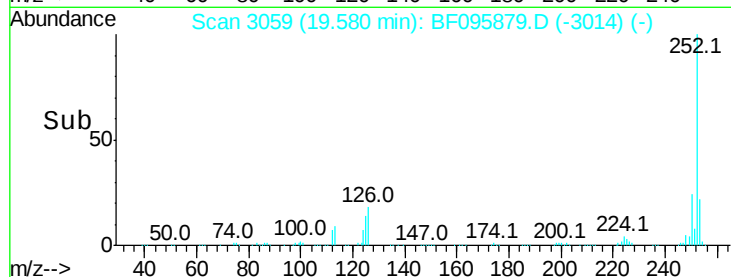
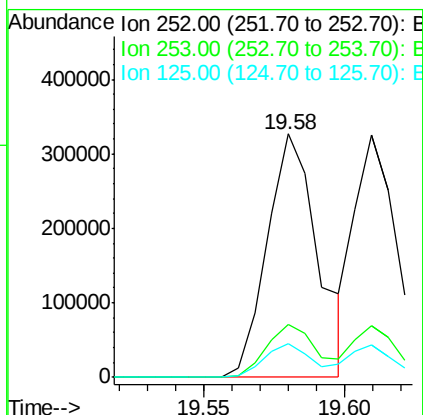
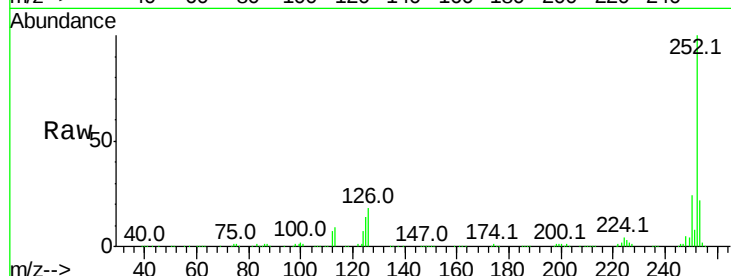
Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	407757
Ion Ratio	Lower	Upper
252	100	
253	21.7	18.1 27.1
125	14.0	9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 47.08 ng

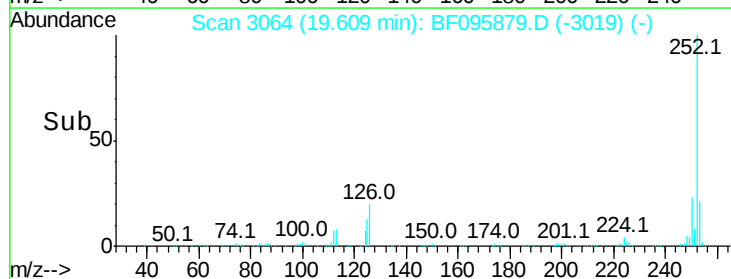
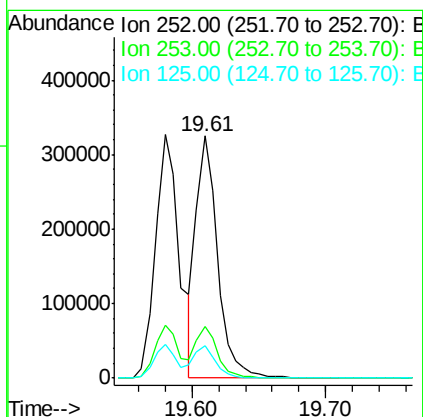
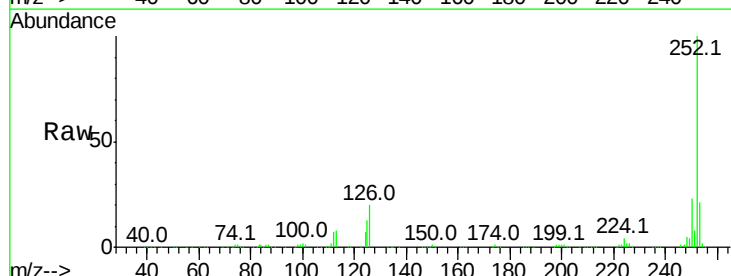
RT: 19.61 min Scan# 3064

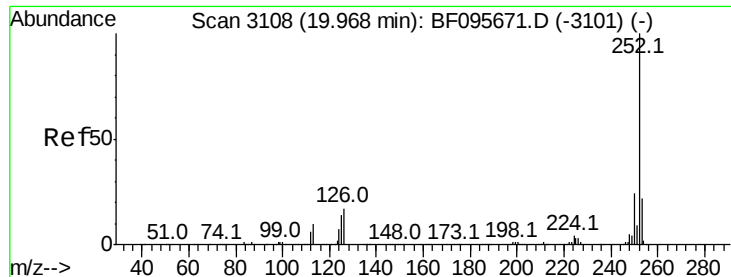
Delta R.T. -0.04 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Tgt Ion:252	Resp:	358570
Ion Ratio	Lower	Upper
252	100	
253	21.4	18.4 27.6
125	13.4	13.1 19.7





#89

Benzo(a)pyrene

Concen: 48.70 ng

RT: 19.93 min Scan# 3119

Delta R.T. -0.04 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampleId :

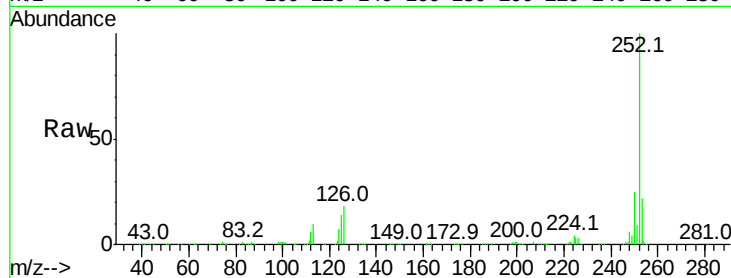
Tot Ion:252 Resp: 356624

Ion Ratio Lower Upper

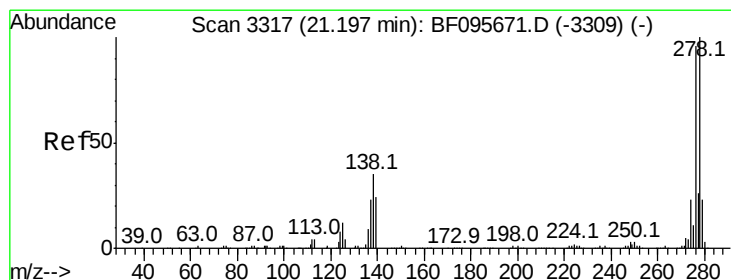
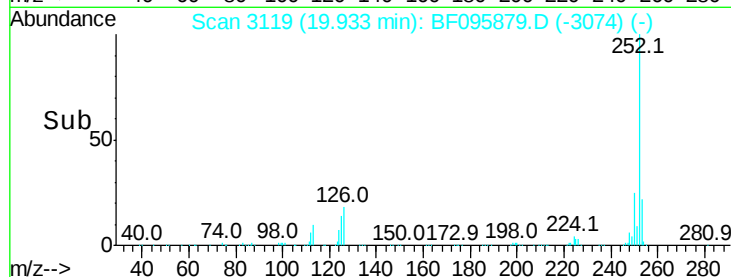
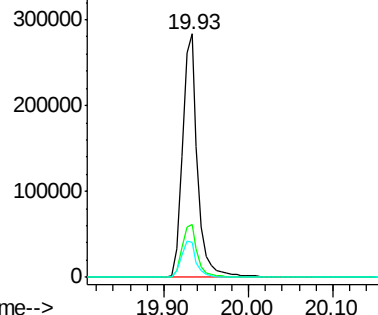
252 100

253 21.7 17.5 26.3

125 14.2 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 51.63 ng

RT: 21.15 min Scan# 3326

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

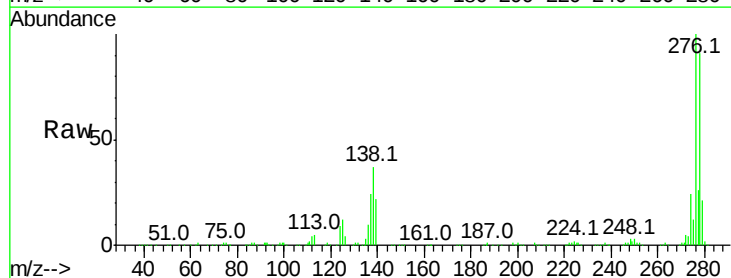
Tgt Ion:278 Resp: 320702

Ion Ratio Lower Upper

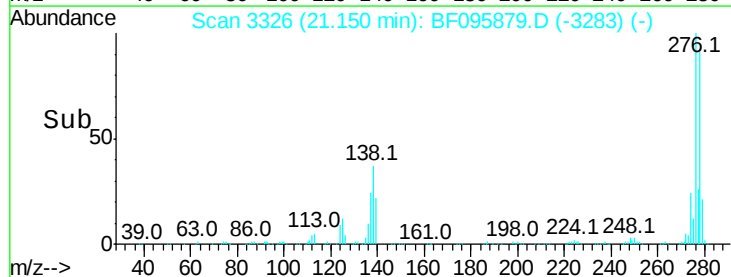
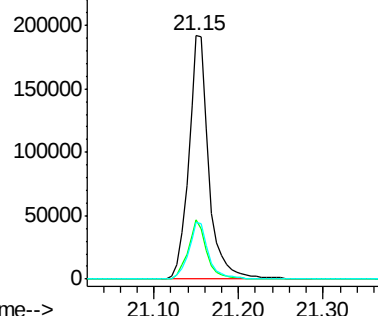
278 100

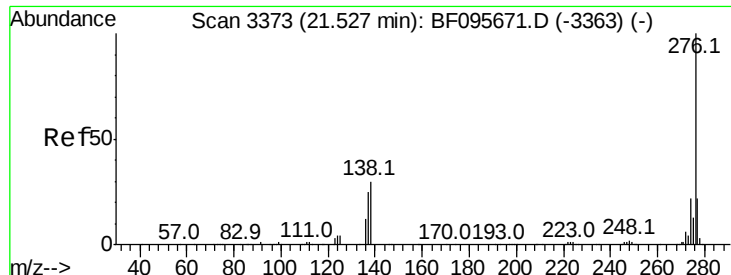
139 24.3 16.6 24.8

279 23.1 19.3 28.9



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





#91

Benzo(a,h,i)perylene

Concen: 53.95 ng

RT: 21.48 min Scan# 3382

Delta R.T. -0.05 min

Lab File: BF095879.D

Acq: 12 Jun 2017 19:01

Instrument :

BNA_F

ClientSampleId :

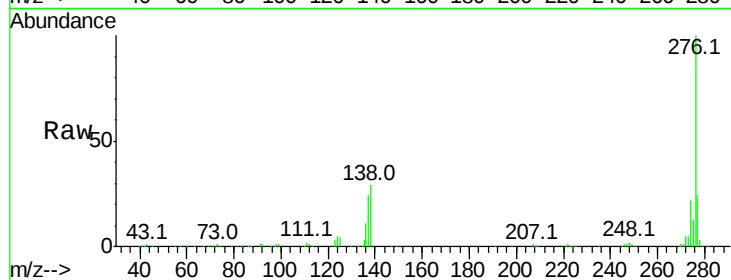
Tot Ion: 276 Resp: 341666

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 28.8 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

