

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095847.D
 Acq On : 10 Jun 2017 14:08
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 03:47:39 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	7.37	152	77718	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	328026	20.00	ng	-0.03
38) Acenaphthene-d10	12.23	164	152163	20.00	ng	-0.03
63) Phenanthrene-d10	14.62	188	279792	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	230963	20.00	ng	-0.02
86) Perylene-d12	20.00	264	188638	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	398718	81.75	ng	-0.03
7) Phenol-d6	6.93	99	497224	85.16	ng	-0.02
23) Nitrobenzene-d5	8.30	82	433436	82.06	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	113353	84.20	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	848317	77.58	ng	-0.03
78) Terphenyl-d14	17.00	244	730415	78.48	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.68	88	85246	36.74	ng	95
3) Pyridine	2.22	79	213949	39.23	ng	97
4) n-Nitrosodimethylamine	2.20	42	82520	39.80	ng	83
6) Aniline	6.87	93	321458	42.08	ng	95
8) 2-Chlorophenol	7.06	128	216436	41.74	ng	95
9) Benzaldehyde	6.67	77	154265	39.17	ng	98
10) Phenol	6.95	94	258842	42.73	ng	89
11) bis(2-Chloroethyl)ether	7.02	93	206842	43.11	ng	98
12) 1,3-Dichlorobenzene	7.27	146	238277	40.59	ng	98
13) 1,4-Dichlorobenzene	7.40	146	246776	41.46	ng	98
14) 1,2-Dichlorobenzene	7.63	146	230371	41.98	ng	96
15) Benzyl Alcohol	7.67	79	173733	43.35	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.87	45	275989	40.94	ng	97
17) 2-Methylphenol	7.90	107	185133	42.54	ng	97
18) Hexachloroethane	8.15	117	80969	41.18	ng	# 83
19) n-Nitroso-di-n-propylamine	8.11	70	161101	43.54	ng	91
20) 3+4-Methylphenols	8.16	107	245450	44.43	ng	# 59
22) Acetophenone	8.07	105	311842	40.62	ng	# 83
24) Nitrobenzene	8.32	77	226609	40.16	ng	94
25) Isophorone	8.73	82	395120	40.06	ng	95
26) 2-Nitrophenol	8.83	139	126000	42.65	ng	98
27) 2,4-Dimethylphenol	8.98	122	188982	41.22	ng	98
28) bis(2-Chloroethoxy)methane	9.10	93	260973	40.14	ng	99
29) 2,4-Dichlorophenol	9.26	162	180525	40.88	ng	97
30) 1,2,4-Trichlorobenzene	9.33	180	185103	40.29	ng	99
31) Naphthalene	9.44	128	667482	40.55	ng	99
32) Benzoic acid	9.36	122	100541	36.46	ng	92
33) 4-Chloroaniline	9.59	127	274473	42.66	ng	# 91
34) Hexachlorobutadiene	9.66	225	93524	39.39	ng	97
35) Caprolactam	10.25	113	58503	44.52	ng	# 82
36) 4-Chloro-3-methylphenol	10.46	107	195281	42.25	ng	89
37) 2-Methylnaphthalene	10.56	142	450167	40.47	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.85	216	177030	38.87	ng	98
40) Hexachlorocyclopentadiene	10.82	237	41928	36.49	ng	98

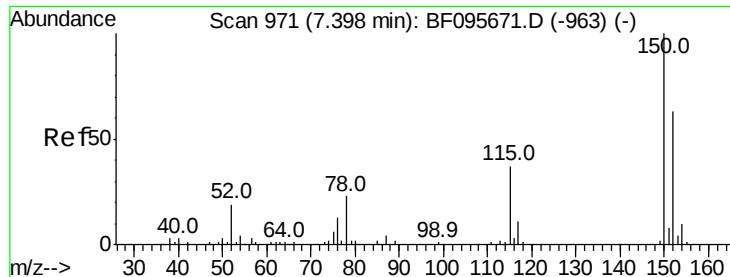
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095847.D
 Acq On : 10 Jun 2017 14:08
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
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Quant Time: Jun 12 03:47:39 2017
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 Quant Title : ASP BNA 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)
42) 2,4,6-Trichlorophenol	11.07	196	120292	41.08	nq	99
43) 2,4,5-Trichlorophenol	11.16	196	126282	40.55	nq	92
45) 1,1'-Biphenyl	11.33	154	496852	39.62	nq	98
46) 2-Chloronaphthalene	11.35	162	390775	39.88	nq	97
47) 2-Nitroaniline	11.57	65	120441	42.00	nq	# 84
48) Acenaphthylene	12.00	152	659146	39.34	nq	99
49) Dimethylphthalate	11.89	163	455754	39.45	nq	98
50) 2,6-Dinitrotoluene	11.99	165	101626	40.33	nq	# 77
51) Acenaphthene	12.29	154	387725	40.07	nq	100
52) 3-Nitroaniline	12.25	138	125386	42.71	nq	89
53) 2,4-Dinitrophenol	12.47	184	54518	41.59	nq	# 68
54) Dibenzofuran	12.57	168	547822	40.22	nq	98
55) 4-Nitrophenol	12.67	139	58556	36.81	nq	# 80
56) 2,4-Dinitrotoluene	12.66	165	146590	43.07	nq	92
57) Fluorene	13.12	166	476058	40.16	nq	97
58) 2,3,4,6-Tetrachlorophenol	12.82	232	86796	40.73	nq	# 93
59) Diethylphthalate	13.03	149	448089	40.30	nq	99
60) 4-Chlorophenyl-phenylether	13.15	204	206301	40.02	nq	90
61) 4-Nitroaniline	13.26	138	116680	42.56	nq	96
62) Azobenzene	13.41	77	395300	39.23	nq	94
64) 4,6-Dinitro-2-methylphenol	13.33	198	76341	41.51	nq	# 70
65) n-Nitrosodiphenylamine	13.36	169	397207	39.51	nq	99
66) 4-Bromophenyl-phenylether	13.93	248	114168	39.26	nq	95
67) Hexachlorobenzene	14.02	284	114975	40.13	nq	# 86
68) Atrazine	14.29	200	110498	39.49	nq	98
69) Pentachlorophenol	14.38	266	49917	48.75	nq	97
70) Phenanthrene	14.66	178	647830	40.13	nq	98
71) Anthracene	14.74	178	667967	39.63	nq	98
72) Carbazole	15.04	167	682929	41.58	nq	97
73) Di-n-butylphthalate	15.63	149	700469	40.09	nq	98
74) Fluoranthene	16.44	202	670880	41.99	nq	99
76) Benzidine	16.66	184	301345	33.97	nq	# 94
77) Pyrene	16.74	202	684682	39.73	nq	98
79) Butylbenzylphthalate	17.66	149	299541	39.80	nq	88
80) Benzo(a)anthracene	18.33	228	545562	40.63	nq	99
81) 3,3'-Dichlorobenzidine	18.32	252	194648	40.77	nq	# 93
82) Chrysene	18.37	228	533550	39.76	nq	99
83) Bis(2-ethylhexyl)phthalate	18.42	149	410680	38.68	nq	# 99
84) Di-n-octyl phthalate	19.18	149	655412	37.46	nq	95
85) Indeno(1,2,3-cd)pyrene	21.19	276	403127	35.11	nq	99
87) Benzo(b)fluoranthene	19.60	252	486977	41.23	nq	99
88) Benzo(k)fluoranthene	19.63	252	460655	40.80	nq	# 95
89) Benzo(a)pyrene	19.95	252	433731	39.95	nq	99
90) Dibenzo(a,h)anthracene	21.18	278	340692	36.99	nq	98
91) Benzo(g,h,i)perylene	21.51	276	345366	36.79	nq	97

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

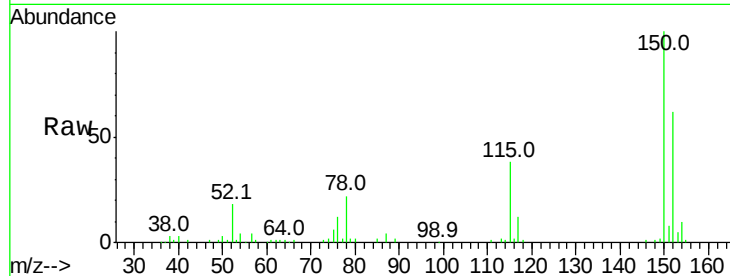


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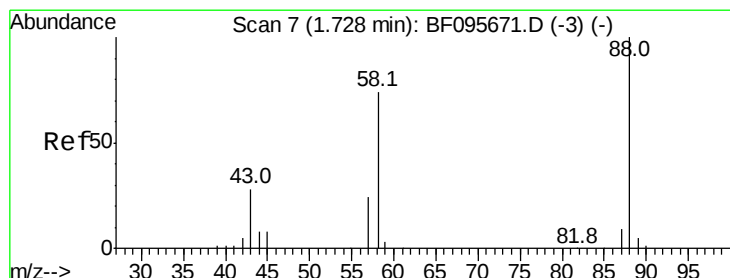
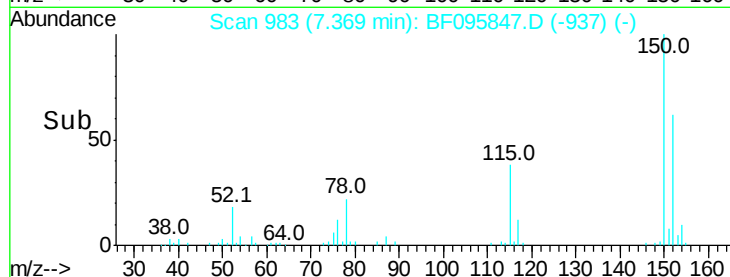
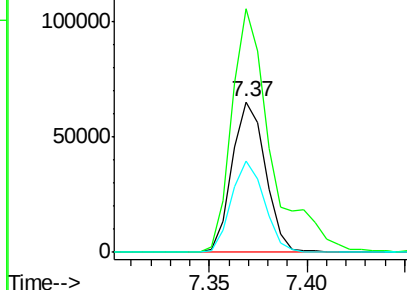
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 77718
Ion Ratio Lower Upper
152 100
150 162.1 126.2 189.2
115 61.0 52.2 78.2



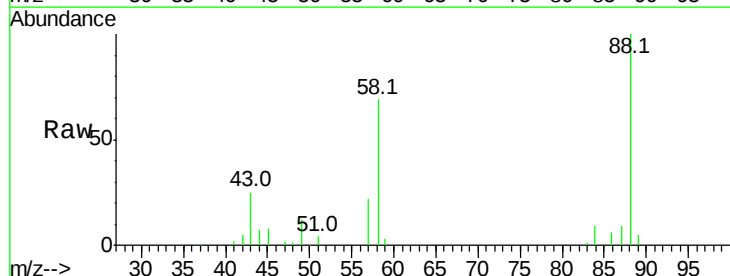
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



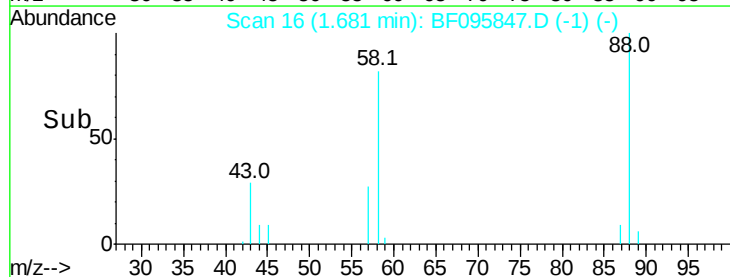
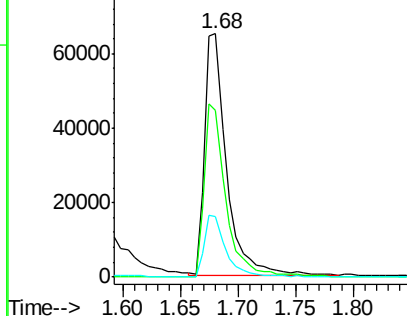
#2

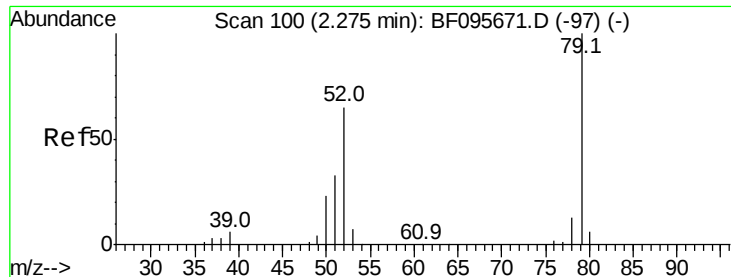
1,4-Dioxane
Concen: 36.74 ng
RT: 1.68 min Scan# 16
Delta R.T. -0.05 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Tgt Ion: 88 Resp: 85246
Ion Ratio Lower Upper
88 100
58 72.4 61.4 92.0
43 26.0 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: 39.23 ng

RT: 2.22 min Scan# 108

Delta R.T. -0.05 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

Instrument :

BNA_F

ClientSampleId :

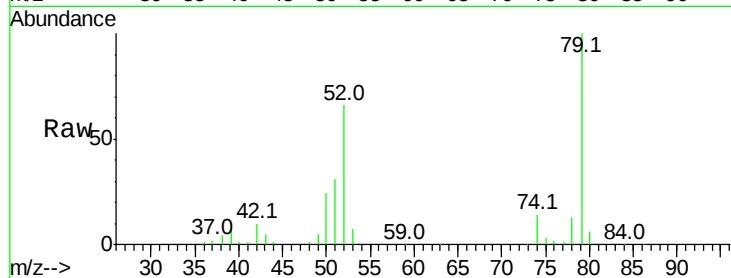
Tot Ion: 79 Resp: 213949

Ion Ratio Lower Upper

79 100

52 66.4 54.8 82.2

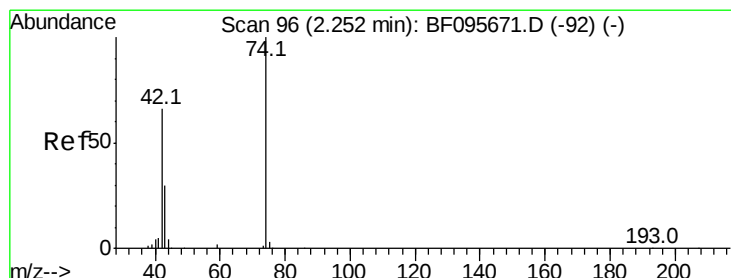
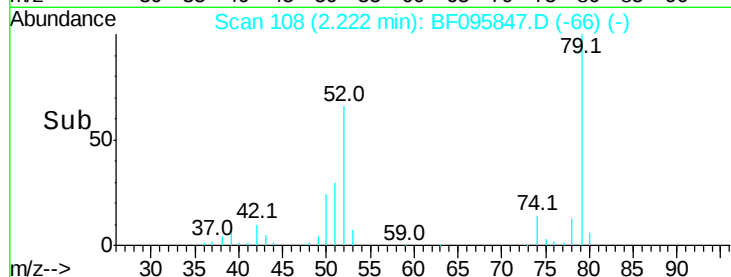
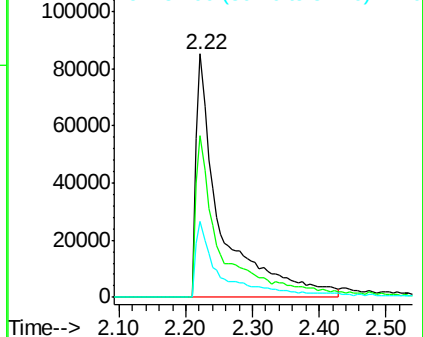
51 31.0 27.0 40.4



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: 39.80 ng

RT: 2.20 min Scan# 104

Delta R.T. -0.05 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

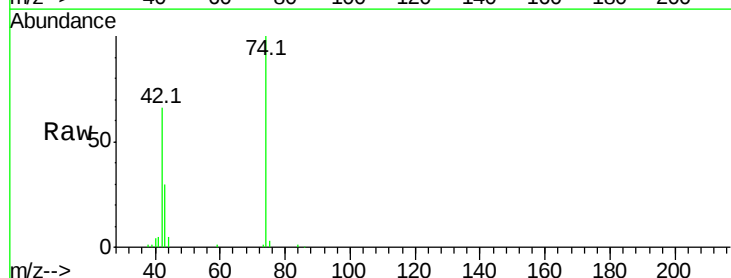
Tgt Ion: 42 Resp: 82520

Ion Ratio Lower Upper

42 100

74 151.0 103.9 155.9

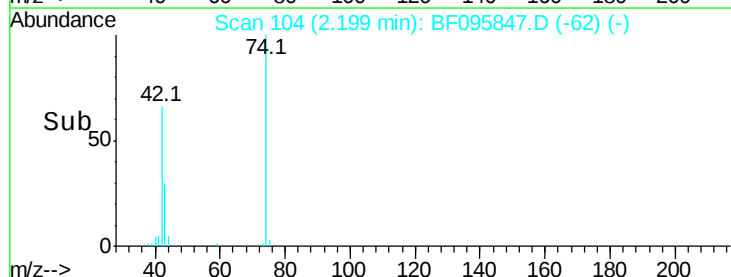
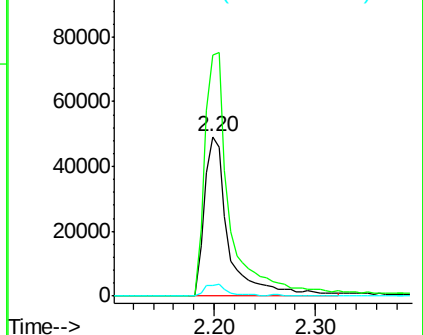
44 6.8 5.7 8.5

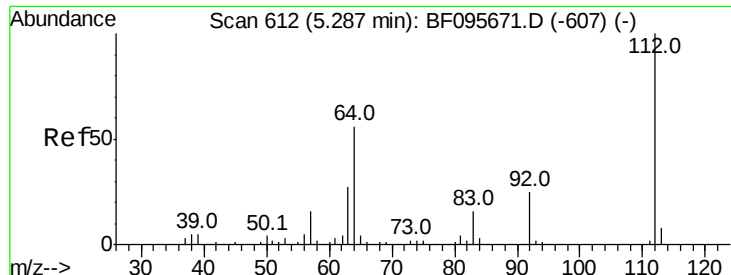


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.75 ng

RT: 5.25 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

Instrument :

BNA_F

ClientSampled :

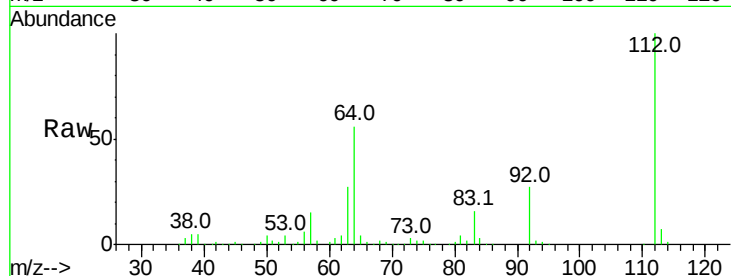
Tot Ion: 112 Resp: 398718

Ion Ratio Lower Upper

112 100

64 56.0 46.0 69.0

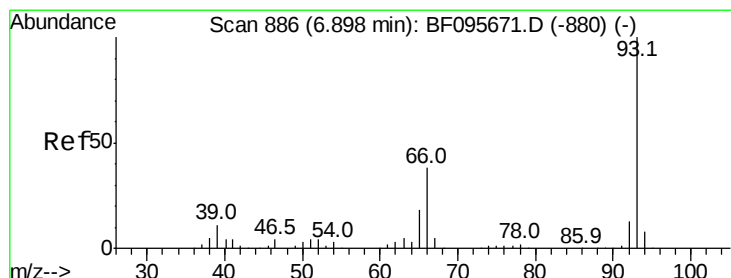
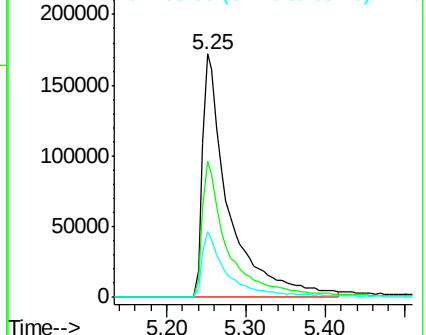
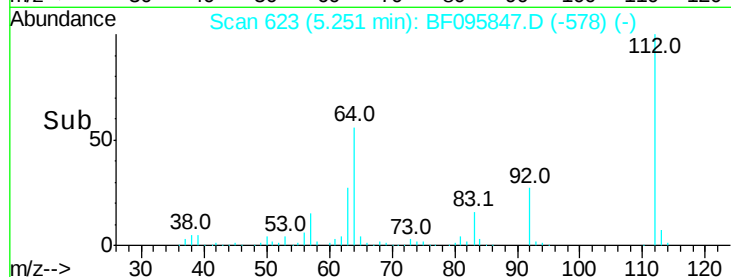
63 26.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.08 ng

RT: 6.87 min Scan# 898

Delta R.T. -0.03 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

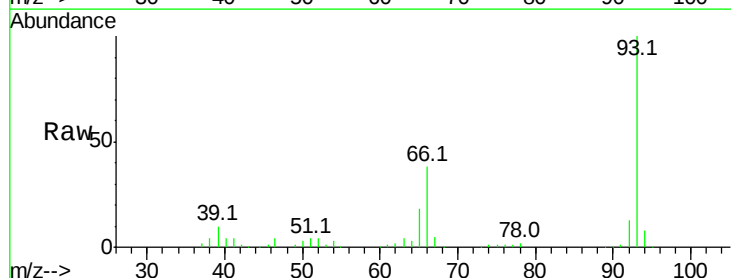
Tgt Ion: 93 Resp: 321458

Ion Ratio Lower Upper

93 100

66 38.0 32.9 49.3

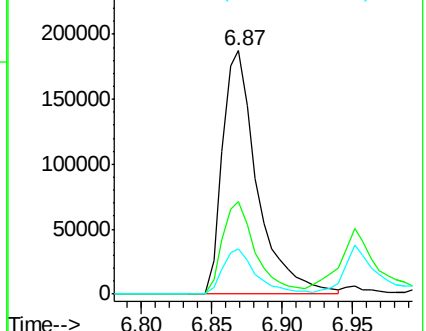
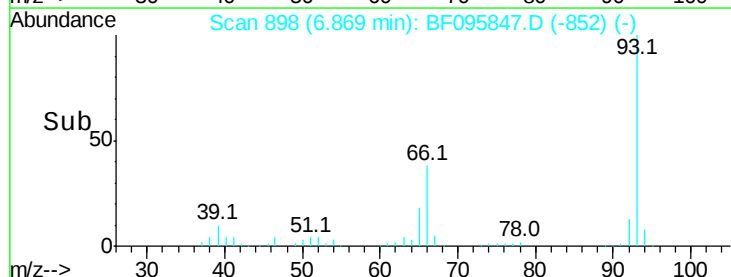
65 18.4 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.16 ng

RT: 6.93 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

Instrument :

BNA_F

ClientSampled :

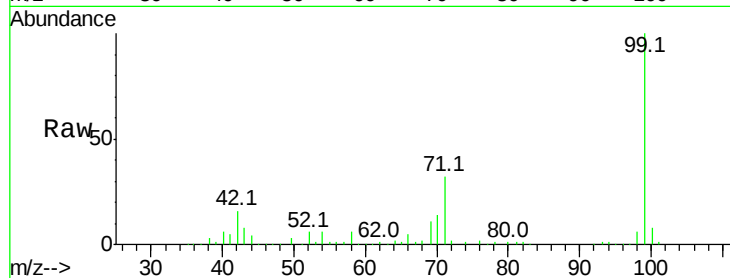
Tot Ion: 99 Resp: 497224

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

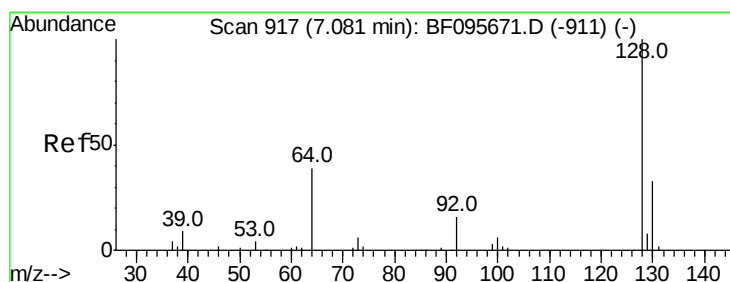
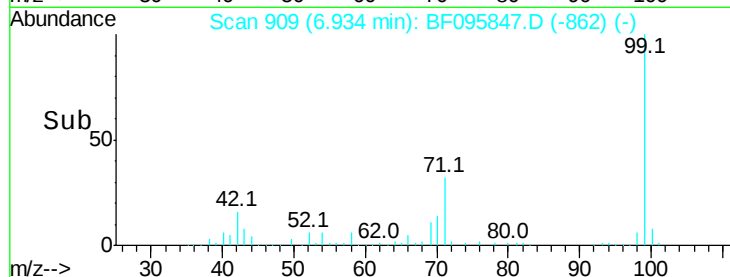
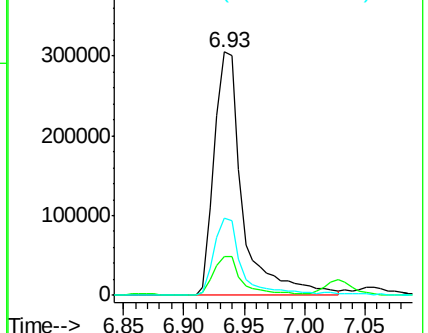
71 31.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.74 ng

RT: 7.06 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

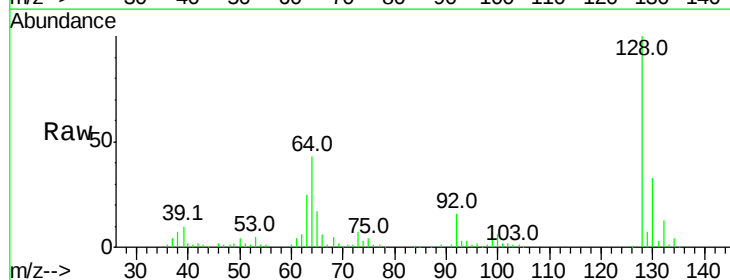
Tgt Ion: 128 Resp: 216436

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

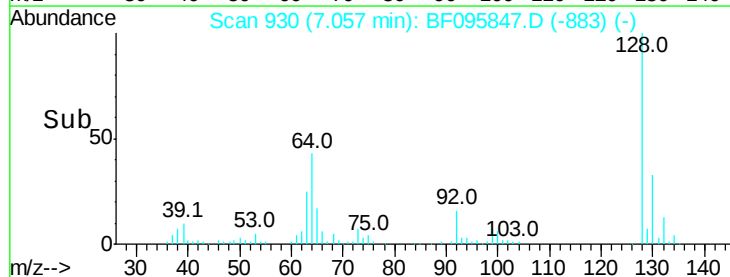
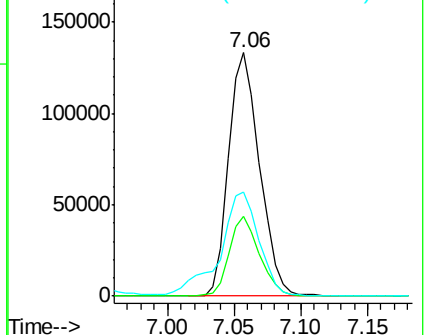
64 43.0 28.4 68.4

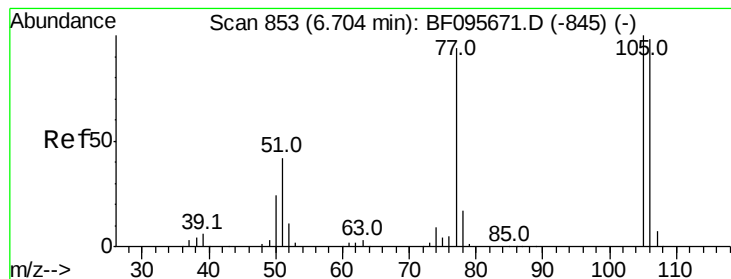


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.17 ng

RT: 6.67 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

Instrument :

BNA_F

ClientSampled :

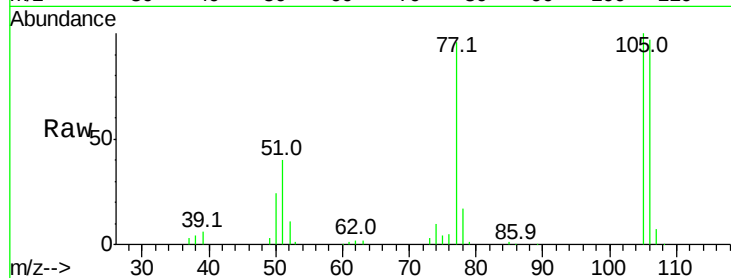
Tot Ion: 77 Resp: 154265

Ion Ratio Lower Upper

77 100

105 104.5 83.8 123.8

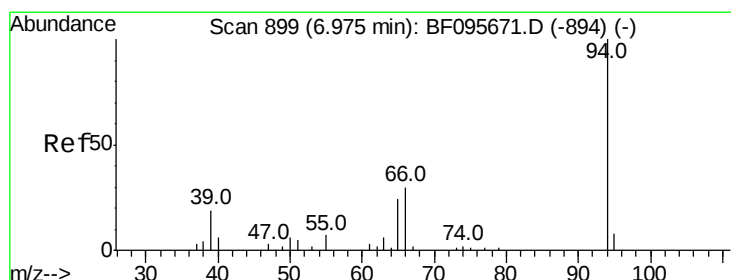
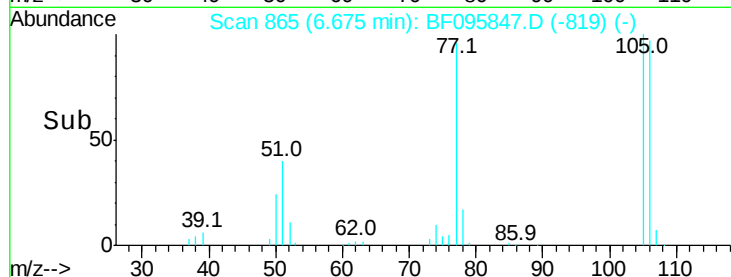
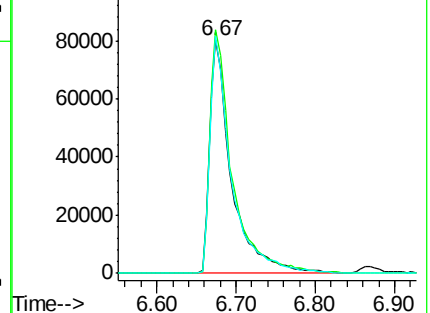
106 101.6 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.73 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

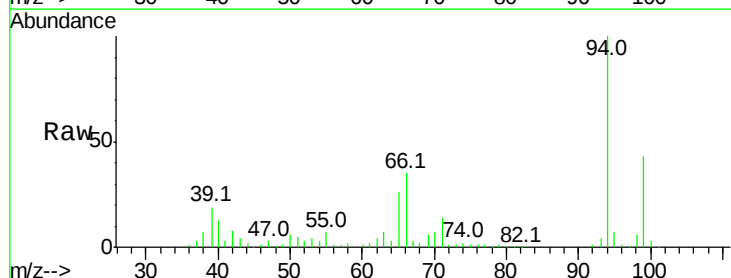
Tgt Ion: 94 Resp: 258842

Ion Ratio Lower Upper

94 100

65 25.7 9.9 49.9

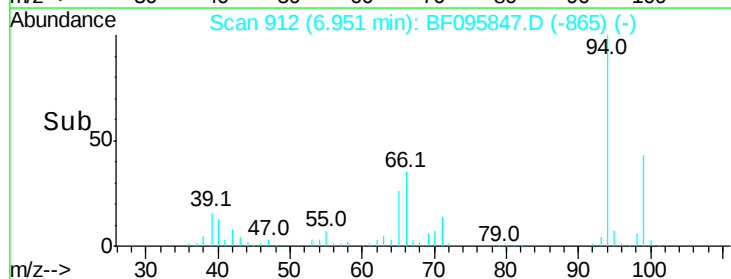
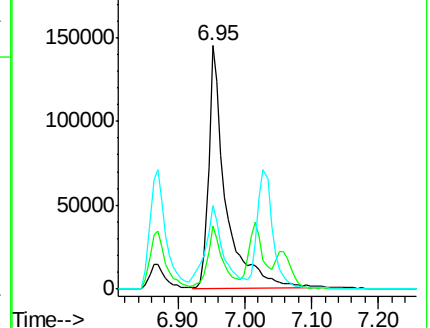
66 34.6 23.1 63.1

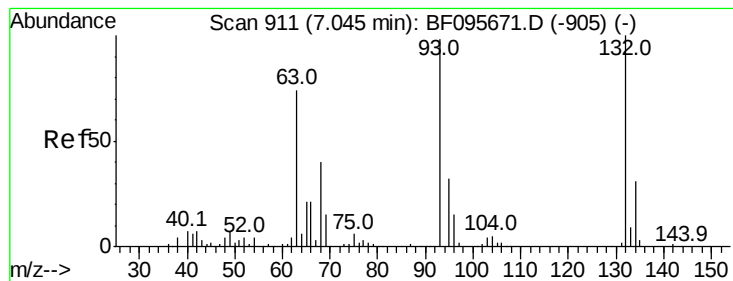


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

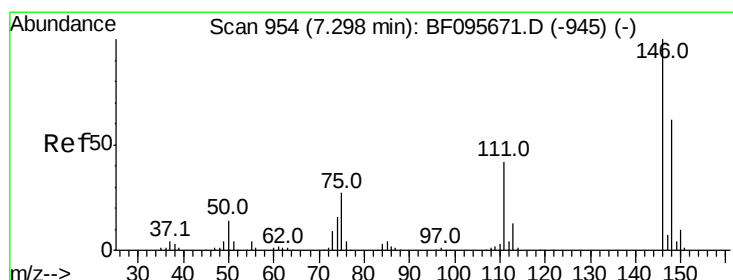
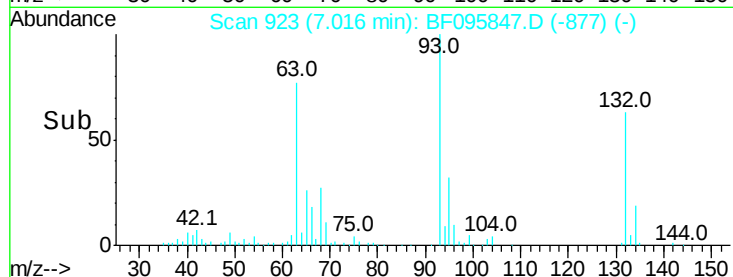
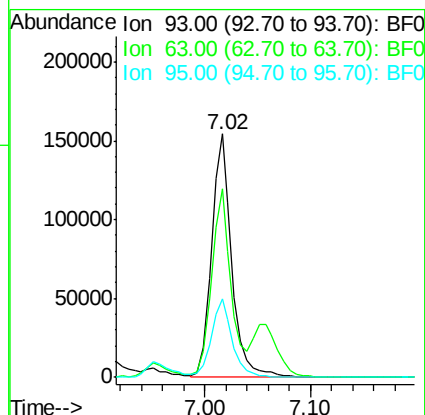
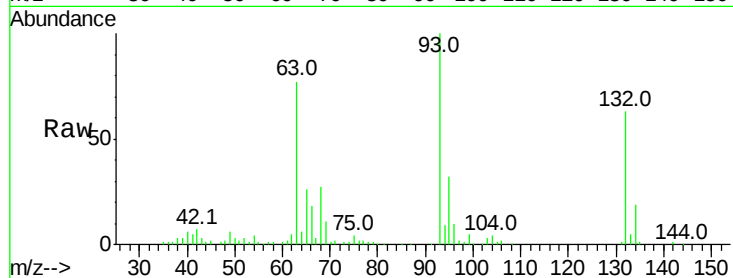




#11
bis(2-Chloroethyl)ether
Concen: 43.11 ng
RT: 7.02 min Scan# 923
Delta R.T. -0.03 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

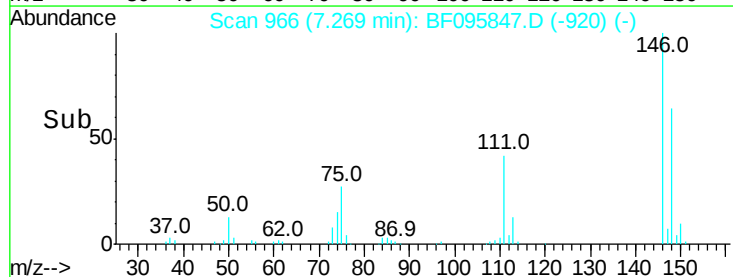
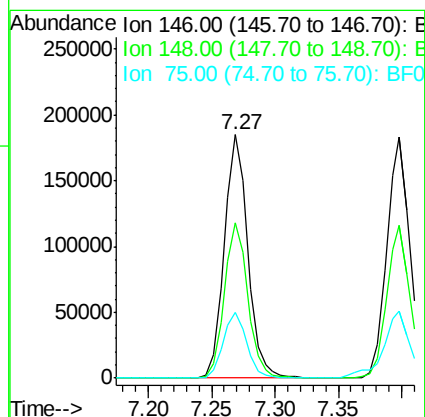
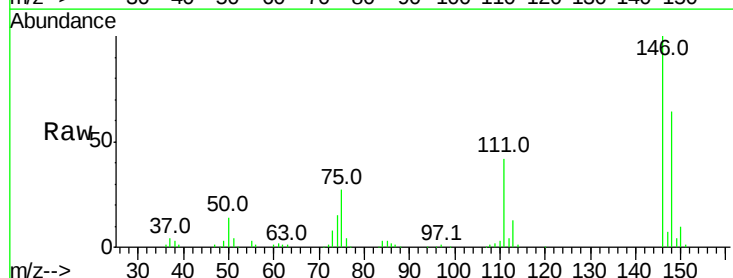
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 206842
Ion Ratio Lower Upper
93 100
63 77.4 59.2 99.2
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.59 ng
RT: 7.27 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Tgt Ion: 146 Resp: 238277
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
75 26.8 23.1 34.7

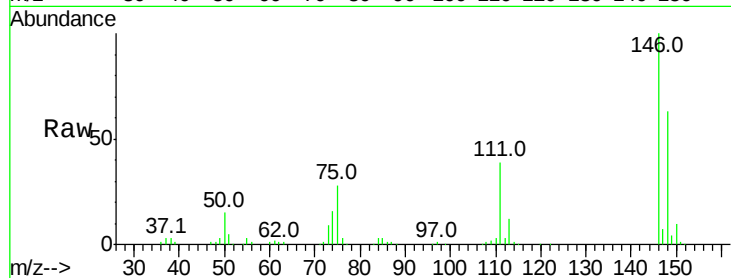




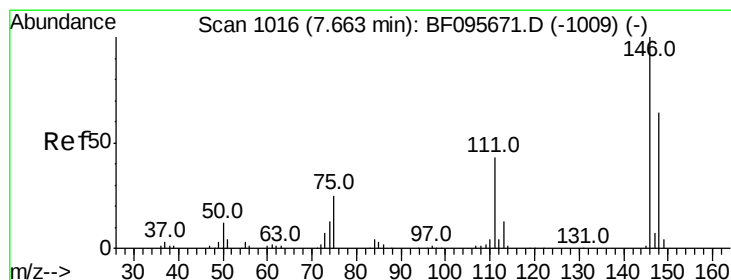
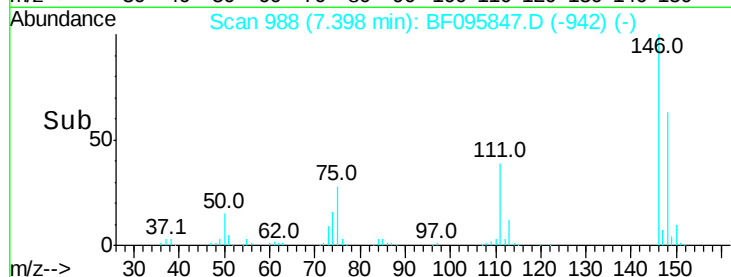
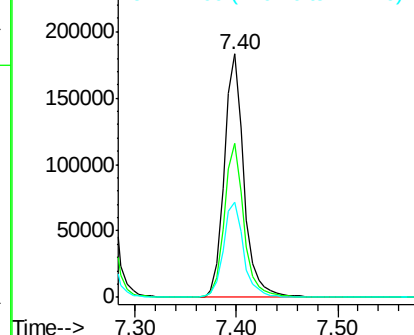
#13
 1,4-Dichlorobenzene
 Concen: 41.46 ng
 RT: 7.40 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 246776
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.2
 111 39.0 30.3 45.5

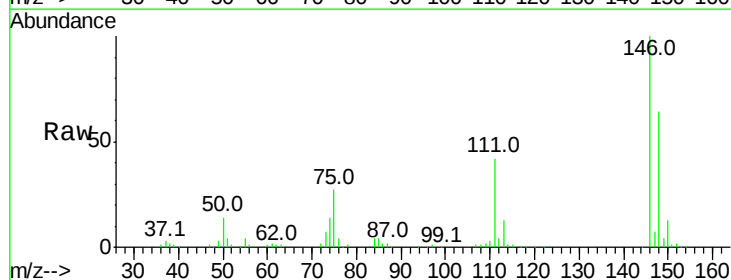


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

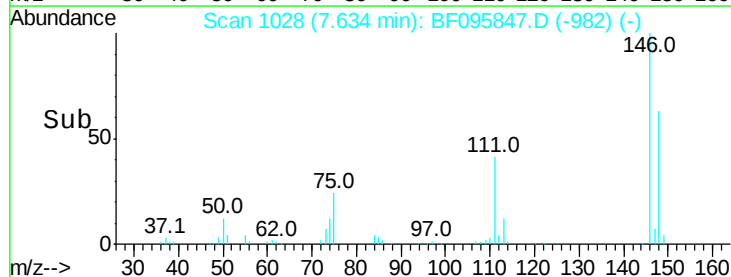
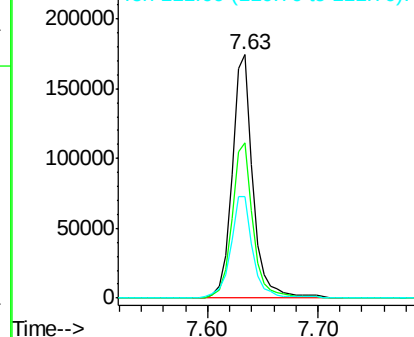


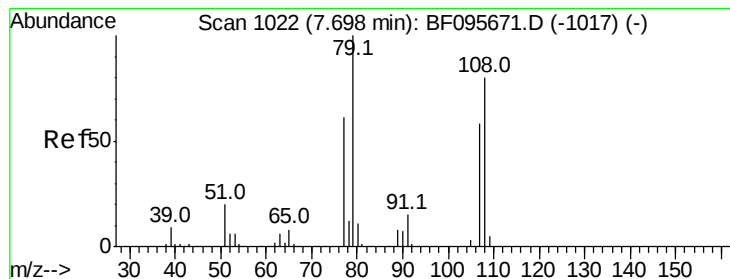
#14
 1,2-Dichlorobenzene
 Concen: 41.98 ng
 RT: 7.63 min Scan# 1028
 Delta R.T. -0.03 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Tgt Ion:146 Resp: 230371
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.4 75.6
 111 41.8 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 43.35 ng

RT: 7.67 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

Instrument :
BNA_F
ClientSampleId :

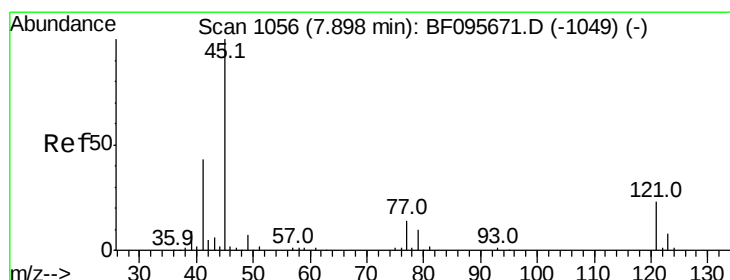
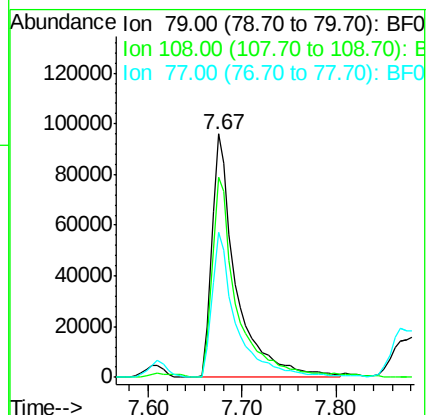
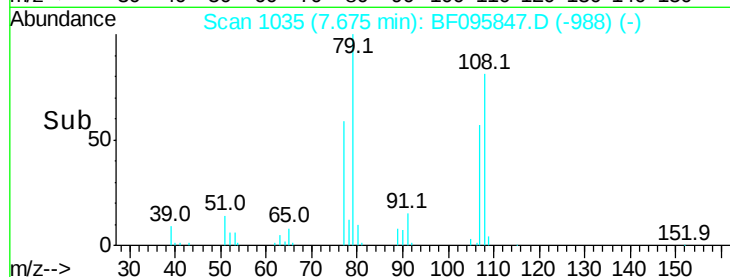
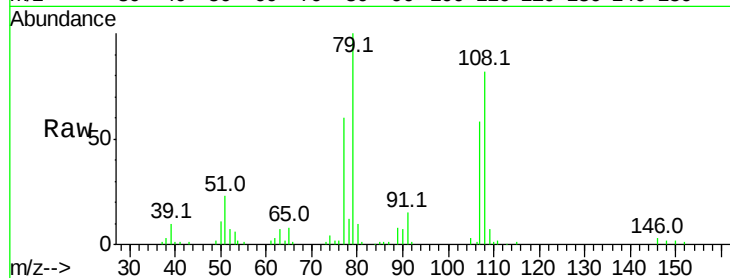
Tot Ion: 79 Resp: 173733

Ion Ratio Lower Upper

79 100

108 82.1 63.4 95.0

77 59.7 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.94 ng

RT: 7.87 min Scan# 1068

Delta R.T. -0.03 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

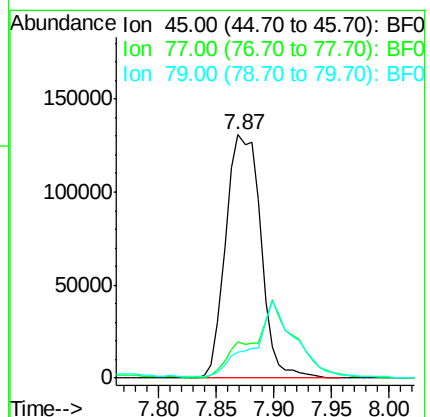
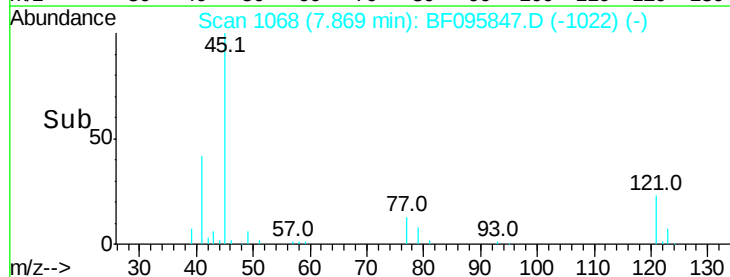
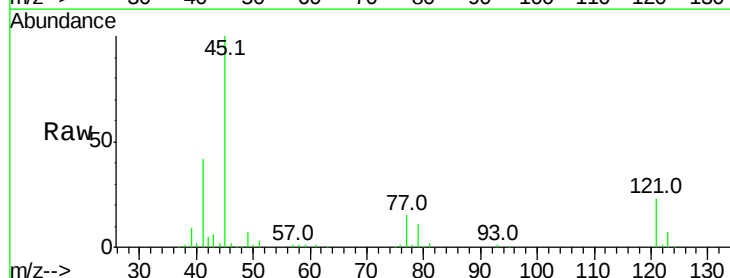
Tgt Ion: 45 Resp: 275989

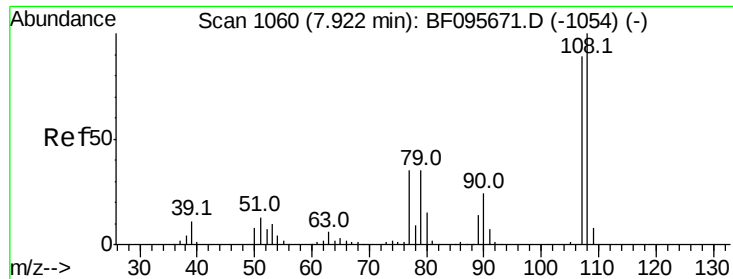
Ion Ratio Lower Upper

45 100

77 14.7 0.0 33.2

79 10.9 0.0 30.0

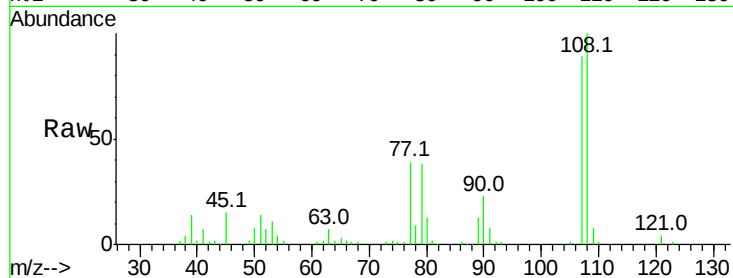




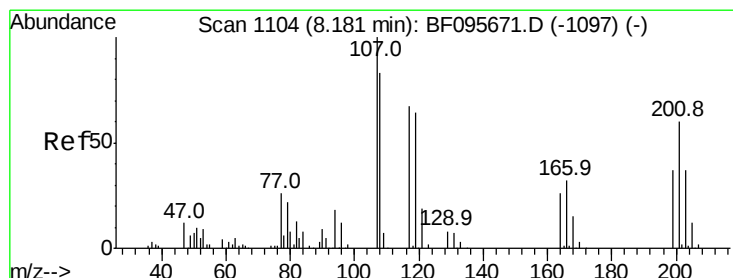
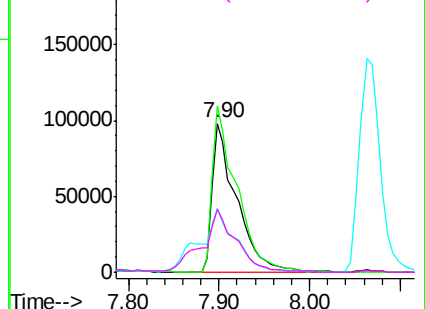
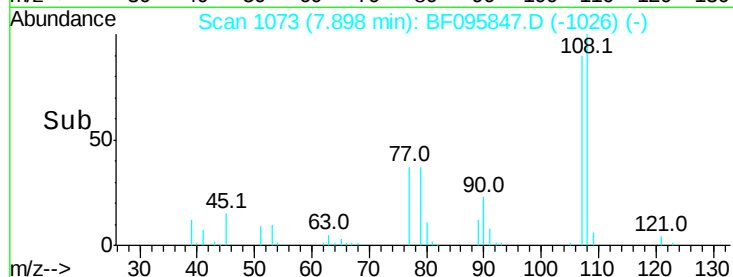
#17
 2-Methylphenol
 Concen: 42.54 ng
 RT: 7.90 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:107 Resp: 185133
 Ion Ratio Lower Upper
 107 100
 108 111.8 93.4 140.0
 77 43.0 35.8 53.6
 79 42.4 34.8 52.2

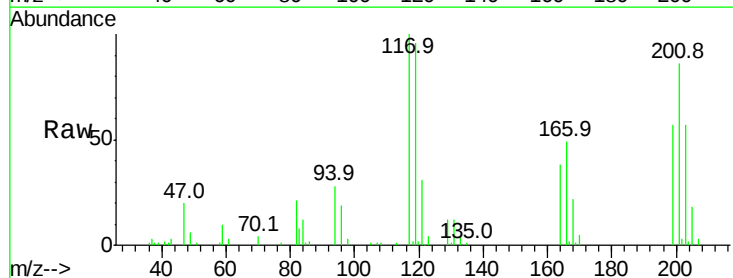


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

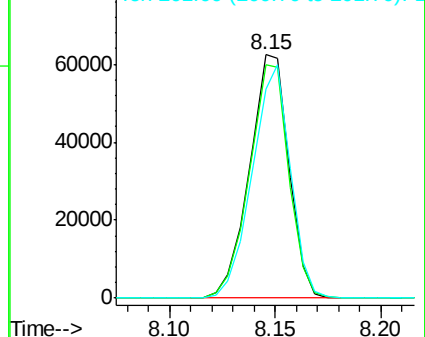
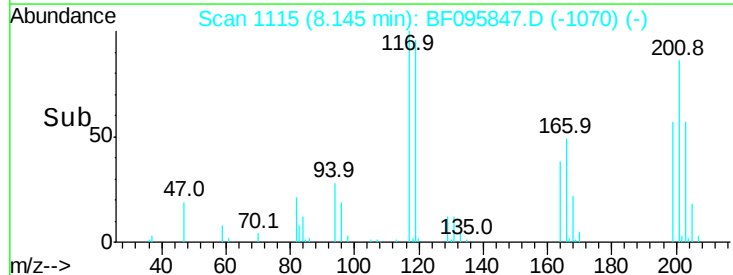


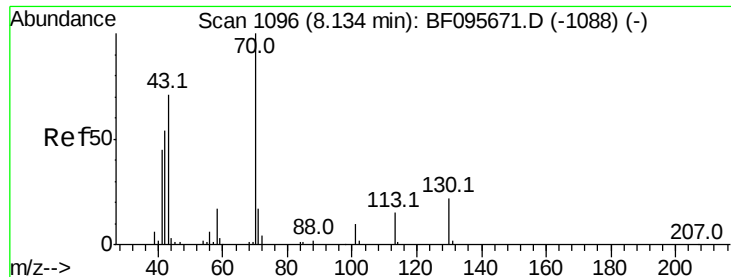
#18
 Hexachloroethane
 Concen: 41.18 ng
 RT: 8.15 min Scan# 1115
 Delta R.T. -0.04 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Tgt Ion:117 Resp: 80969
 Ion Ratio Lower Upper
 117 100
 119 95.7 77.4 116.0
 201 85.8 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

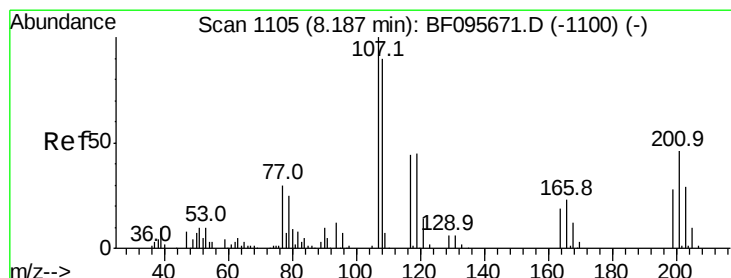
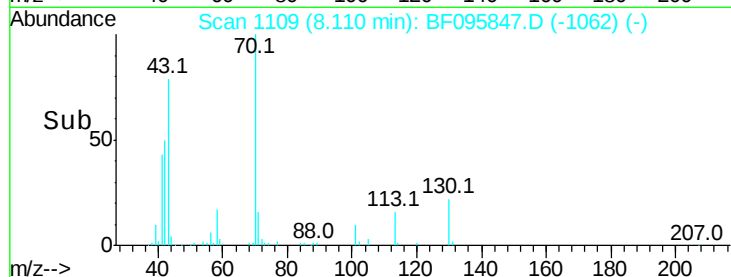
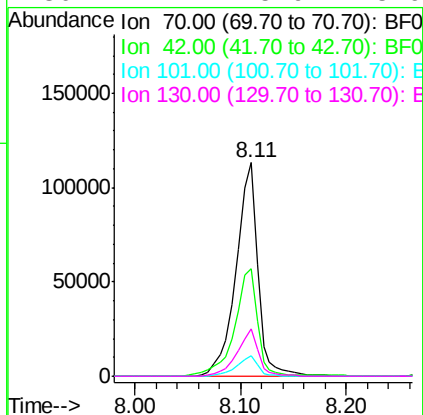
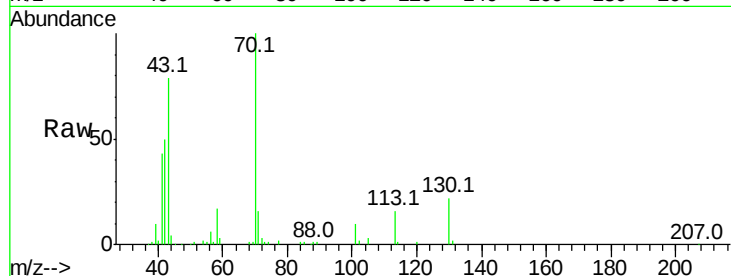




#19
n-Nitroso-di-n-propylamine
Concen: 43.54 ng
RT: 8.11 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

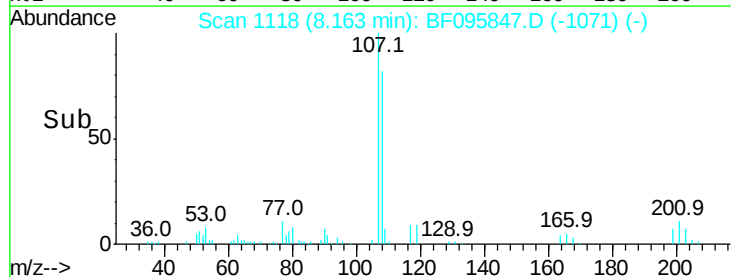
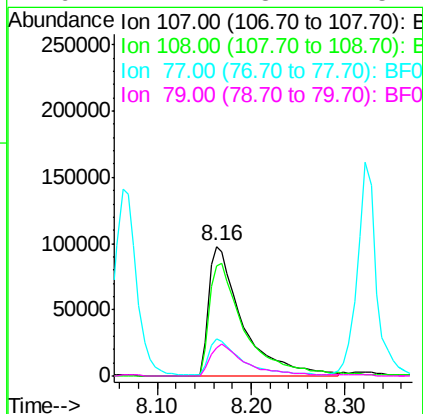
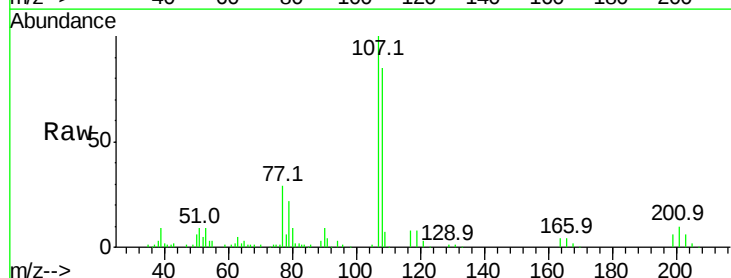
Instrument :
BNA_F
ClientSampleId :

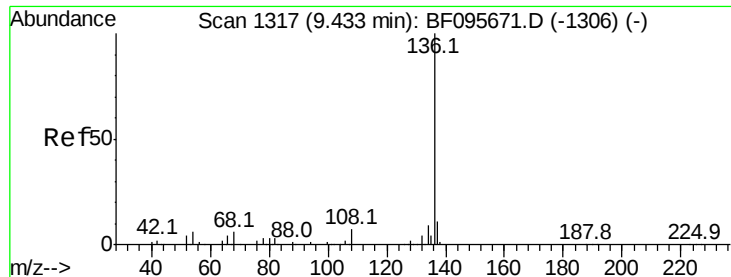
Tot Ion: 70 Resp: 161101
Ion Ratio Lower Upper
70 100
42 50.1 47.2 70.8
101 9.7 7.2 10.8
130 22.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 44.43 ng
RT: 8.16 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Tgt Ion: 107 Resp: 245450
Ion Ratio Lower Upper
107 100
108 84.7 71.0 111.0
77 28.5 90.5 130.5#
79 22.1 8.4 48.4

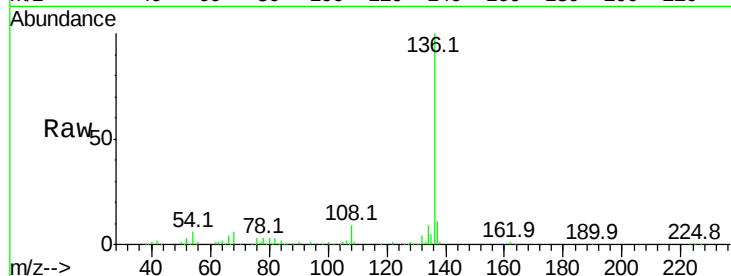




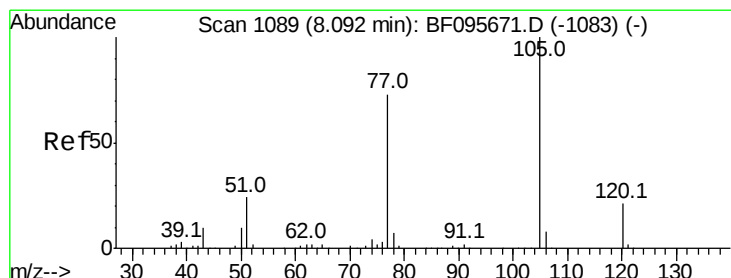
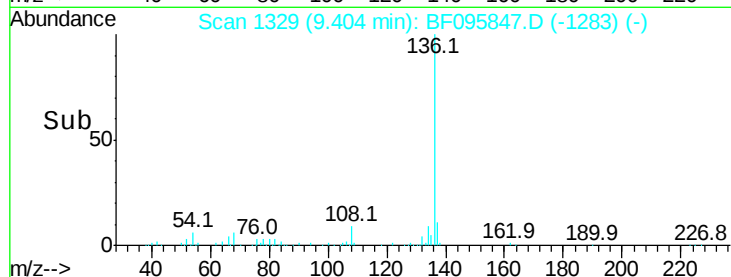
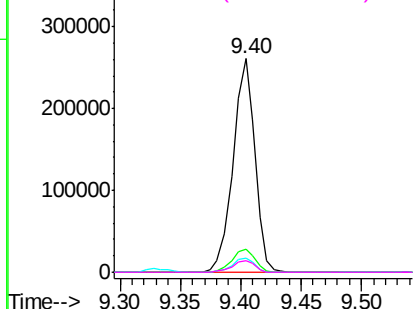
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1329
Delta R.T. -0.03 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	328026
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	6.5	4.9 7.3
68	5.5	4.1 6.1

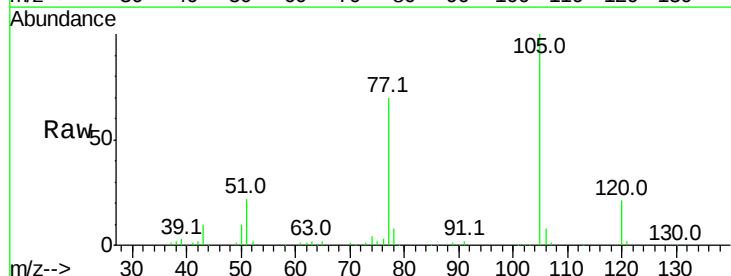


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

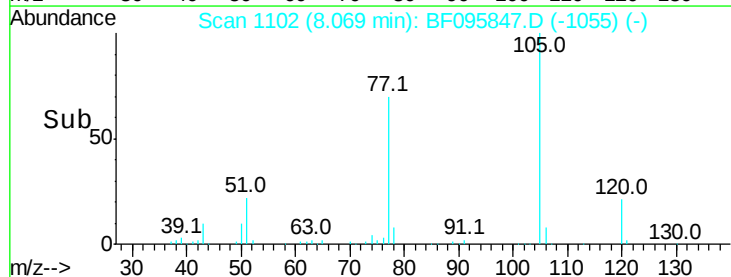
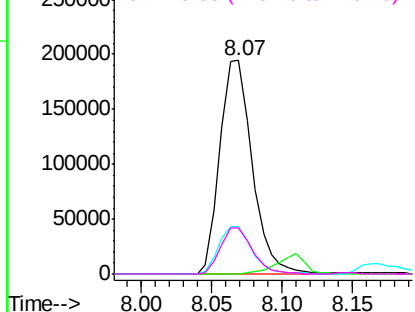


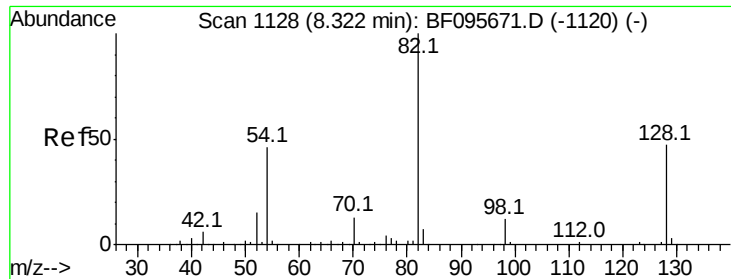
#22
Acetophenone
Concen: 40.62 ng
RT: 8.07 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Tgt Ion:105	Resp:	311842
Ion Ratio	Lower	Upper
105	100	
71	0.2	2.8 4.2#
51	22.5	30.7 46.1#
120	21.4	17.4 26.0



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

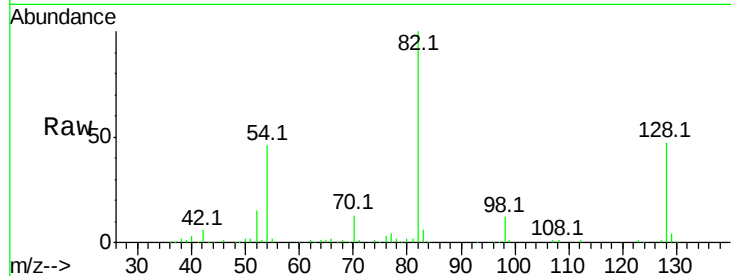




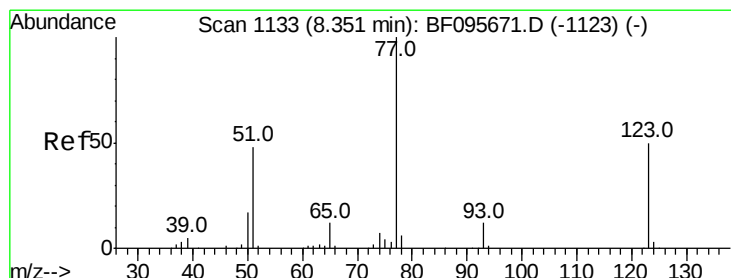
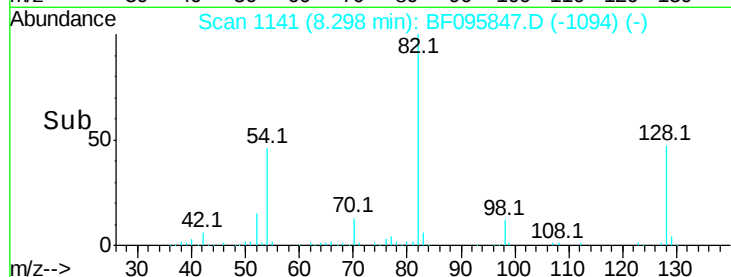
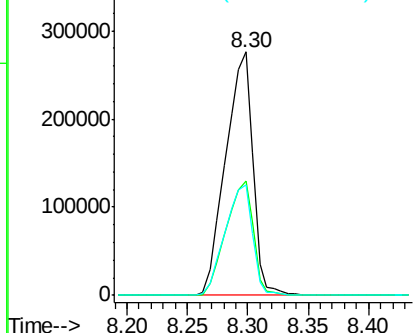
#23
Nitrobenzene-d5
Concen: 82.06 ng
RT: 8.30 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 433436
Ion Ratio Lower Upper
82 100
128 46.7 34.0 51.0
54 45.5 42.2 63.2

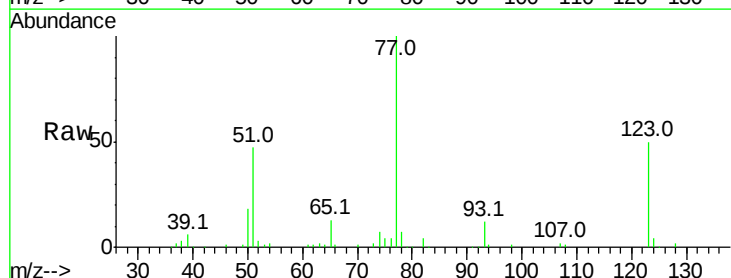


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

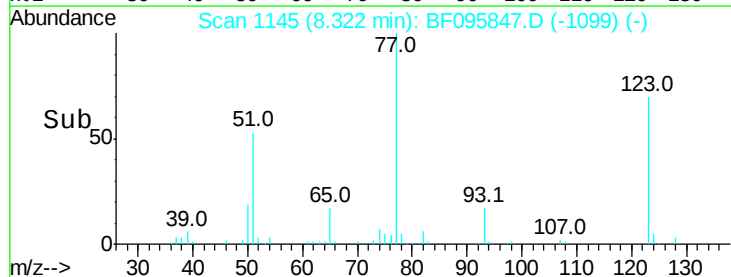
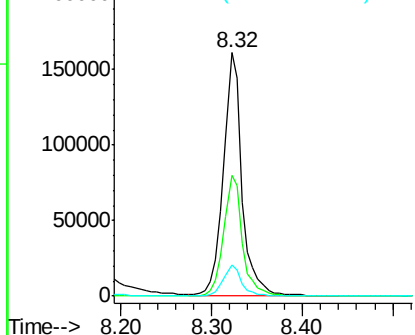


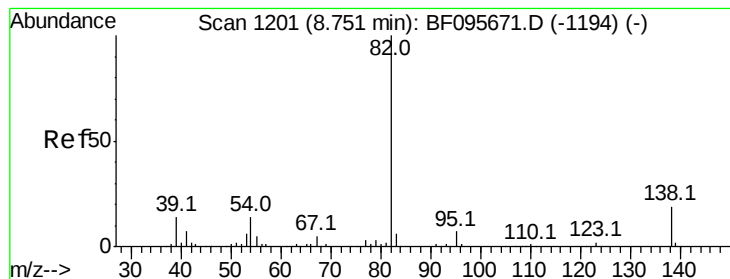
#24
Nitrobenzene
Concen: 40.16 ng
RT: 8.32 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Tgt Ion: 77 Resp: 226609
Ion Ratio Lower Upper
77 100
123 49.8 35.8 53.8
65 12.6 10.6 15.8



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





#25

Isophorone

Concen: 40.06 ng

RT: 8.73 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

Instrument :

BNA_F

ClientSampleId :

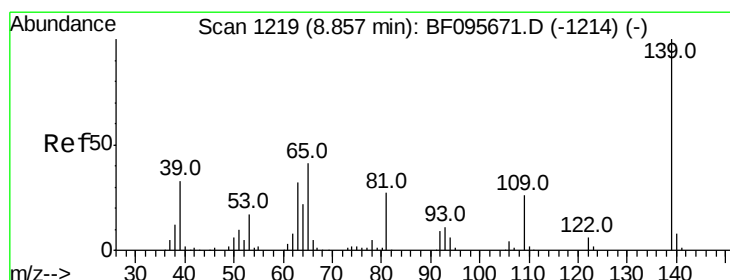
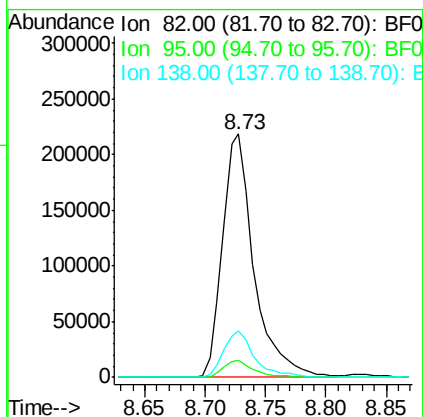
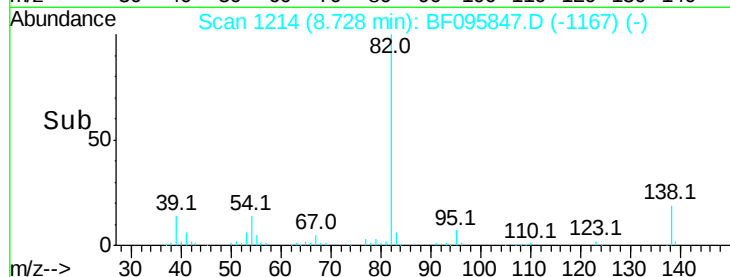
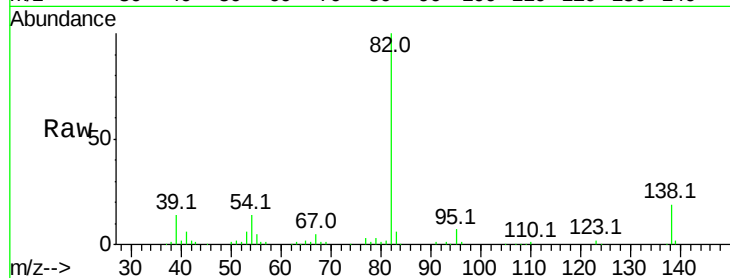
Tot Ion: 82 Resp: 395120

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 19.2 13.1 19.7



#26

2-Nitrophenol

Concen: 42.65 ng

RT: 8.83 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

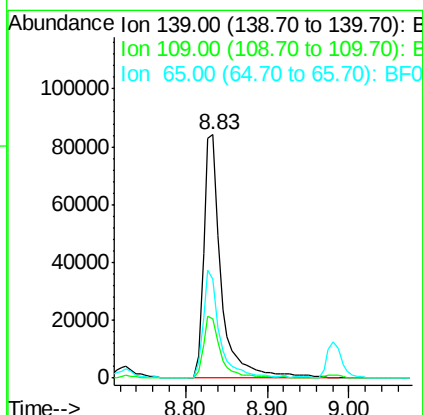
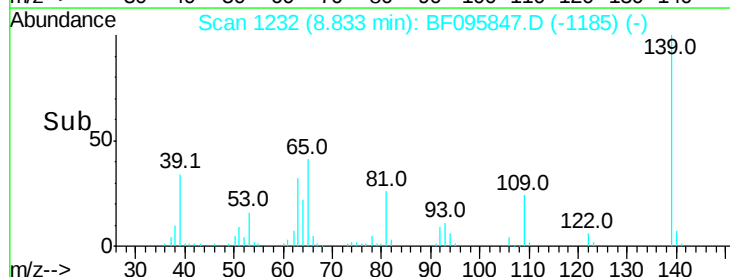
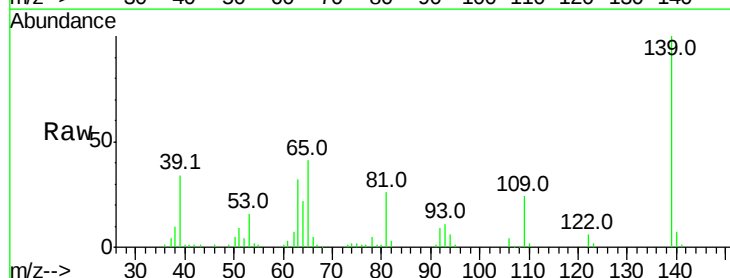
Tgt Ion: 139 Resp: 126000

Ion Ratio Lower Upper

139 100

109 24.2 21.0 31.6

65 40.9 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 41.22 ng

RT: 8.98 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

Instrument :

BNA_F

ClientSampleId :

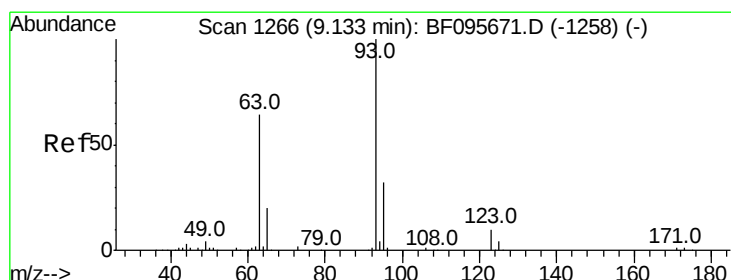
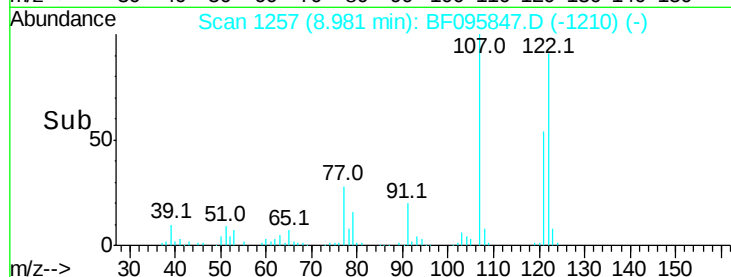
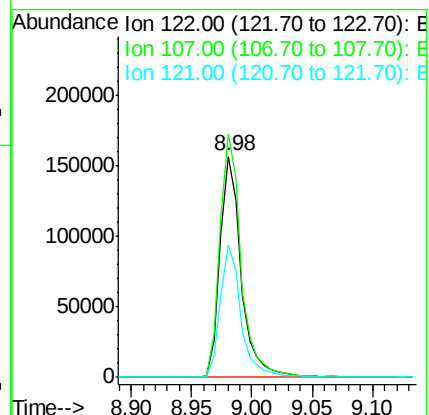
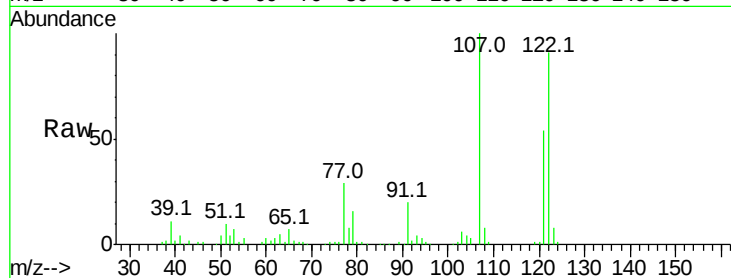
Tot Ion:122 Resp: 188982

Ion Ratio Lower Upper

122 100

107 110.2 89.2 133.8

121 59.8 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.14 ng

RT: 9.10 min Scan# 1278

Delta R.T. -0.03 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

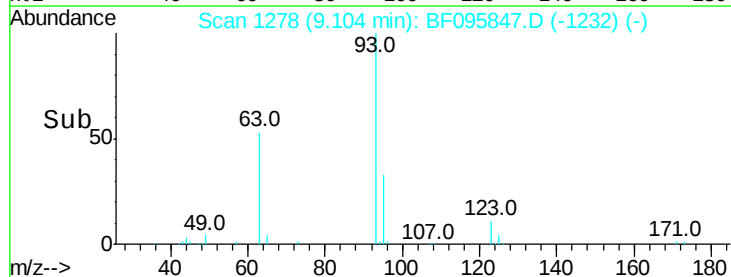
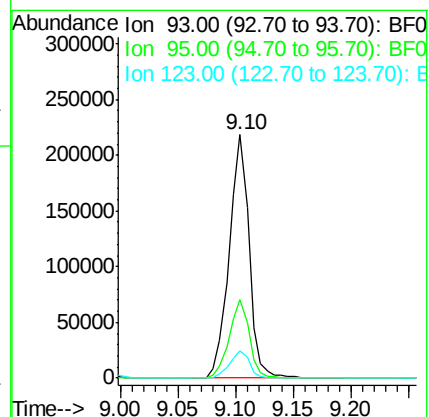
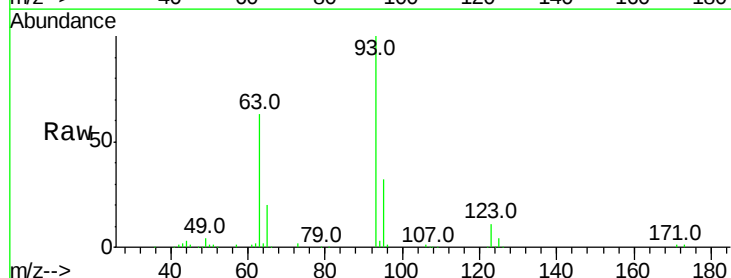
Tgt Ion: 93 Resp: 260973

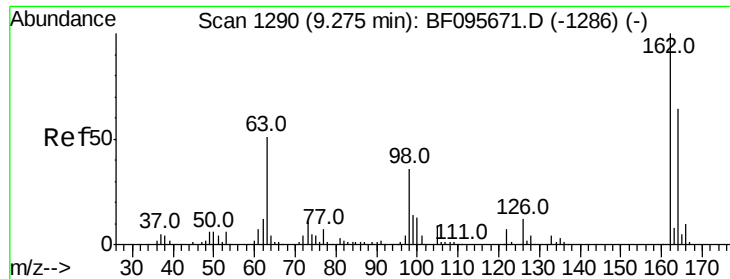
Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

123 11.0 9.0 13.4

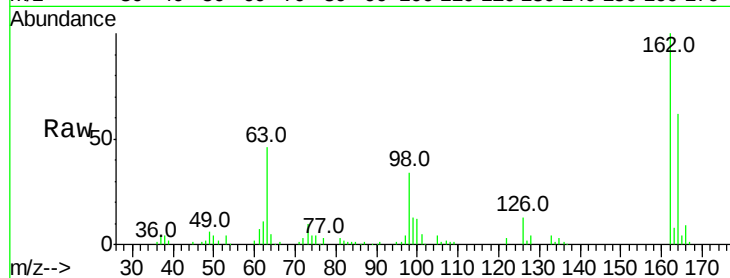




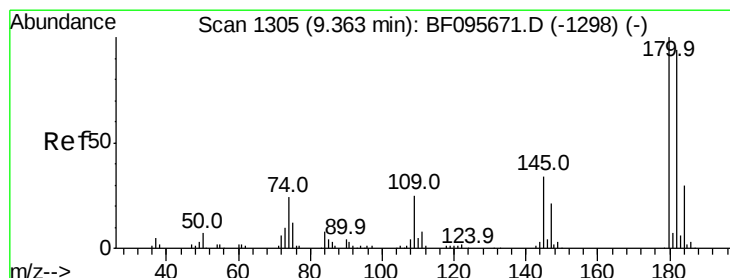
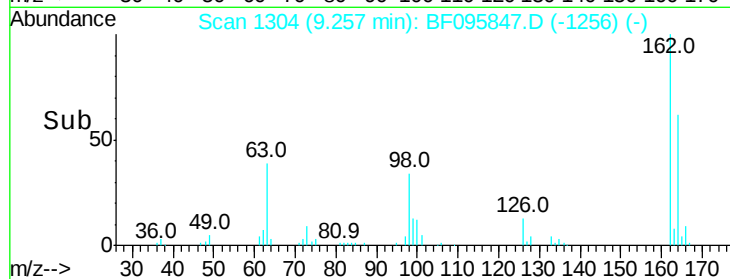
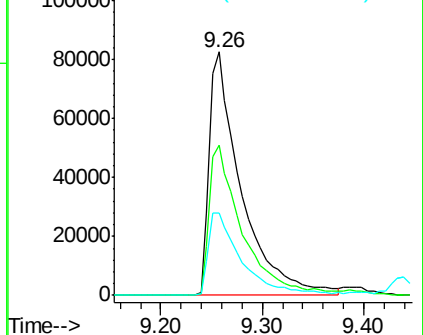
#29
 2,4-Dichlorophenol
 Concen: 40.88 ng
 RT: 9.26 min Scan# 1304
 Delta R.T. -0.02 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	44.6	84.6
98	33.9	14.8	54.8

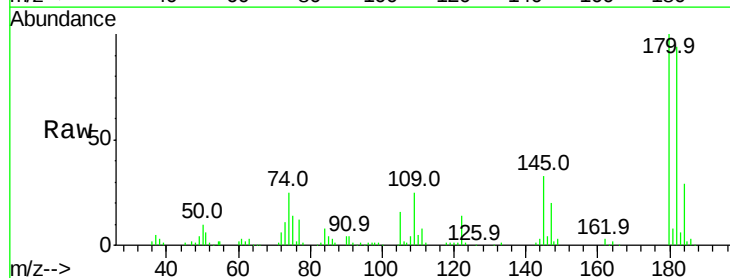


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

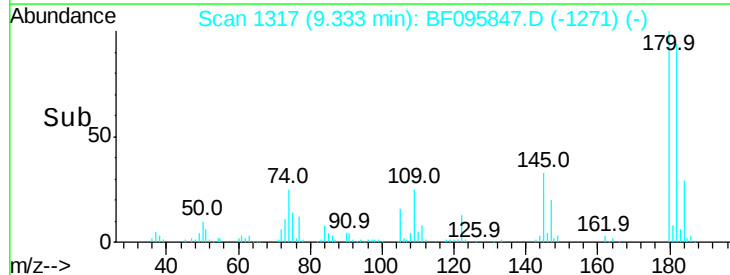
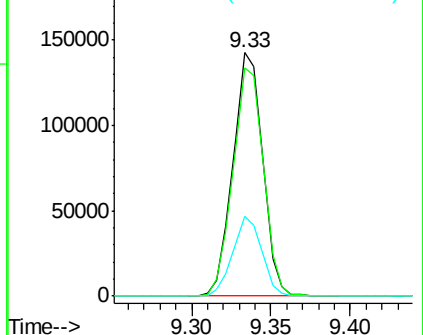


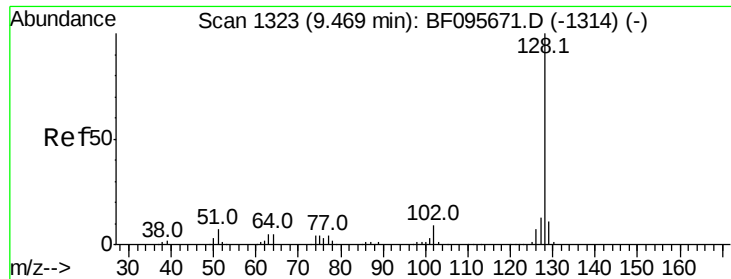
#30
 1,2,4-Trichlorobenzene
 Concen: 40.29 ng
 RT: 9.33 min Scan# 1317
 Delta R.T. -0.03 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.8	113.6
145	32.7	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: 40.55 ng

RT: 9.44 min Scan# 1335

Delta R.T. -0.03 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

Instrument :

BNA_F

ClientSampleId :

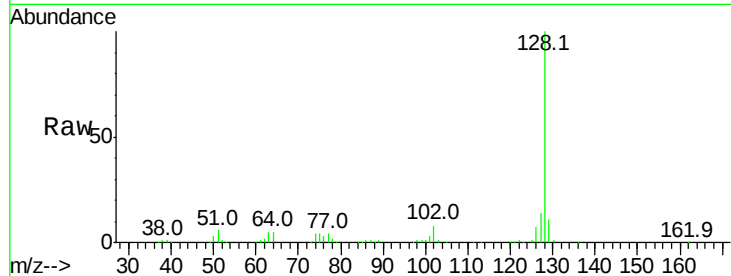
Tot Ion:128 Resp: 667482

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

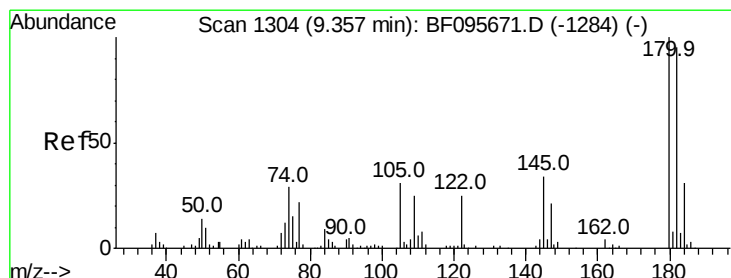
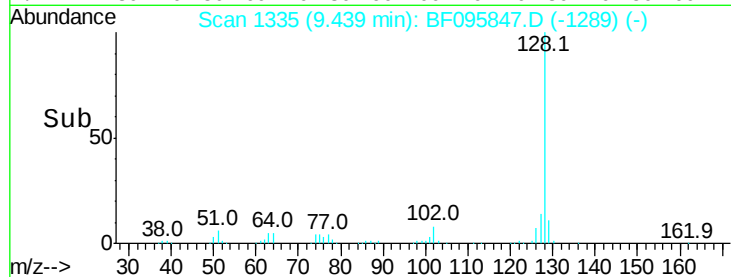
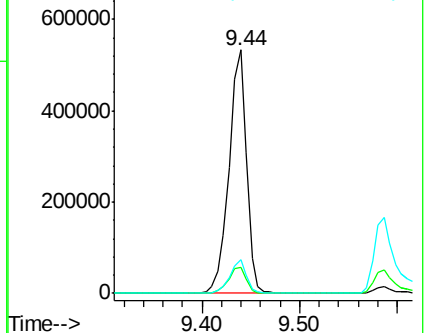
127 13.6 10.8 16.2



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: 36.46 ng

RT: 9.36 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

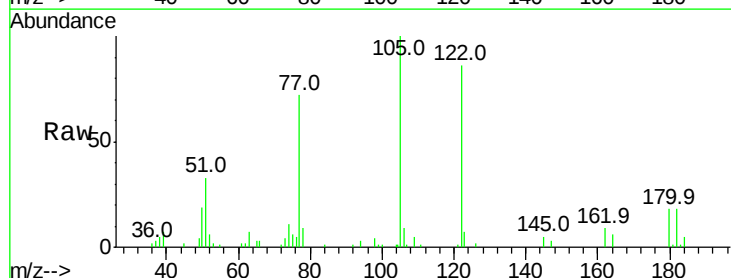
Tgt Ion:122 Resp: 100541

Ion Ratio Lower Upper

122 100

105 115.8 103.3 143.3

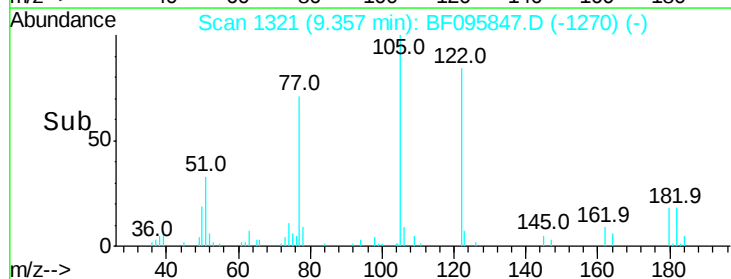
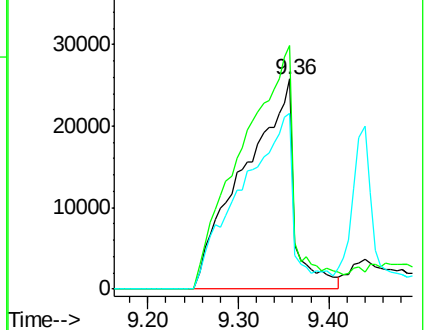
77 83.7 73.7 113.7

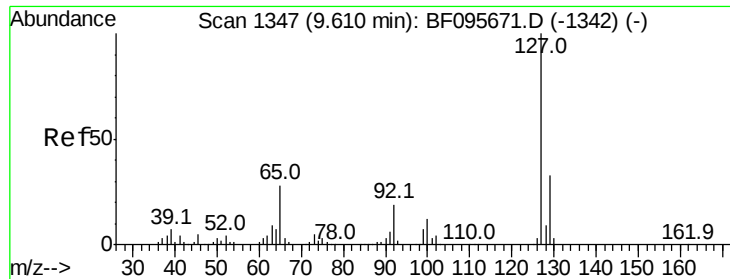


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

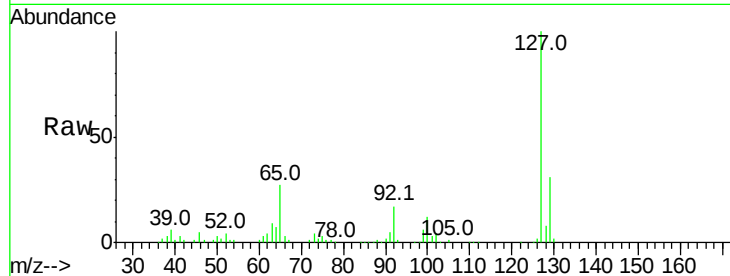




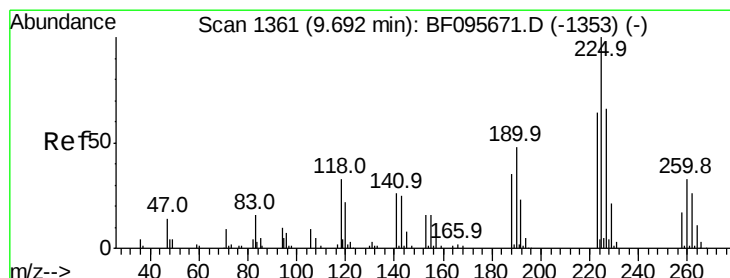
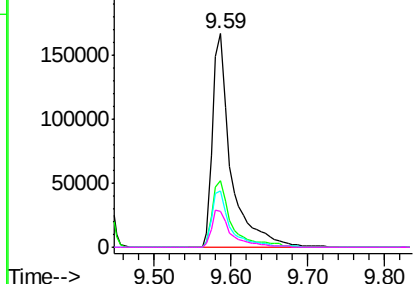
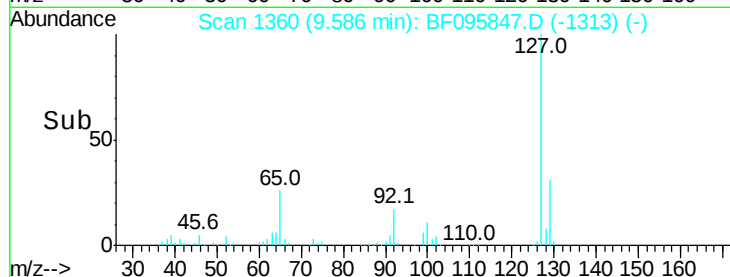
#33
 4-Chloroaniline
 Concen: 42.66 ng
 RT: 9.59 min Scan# 1360
 Delta R.T. -0.02 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	274473
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.2	39.2
65	26.6	27.8	41.8#
92	17.1	16.8	25.2

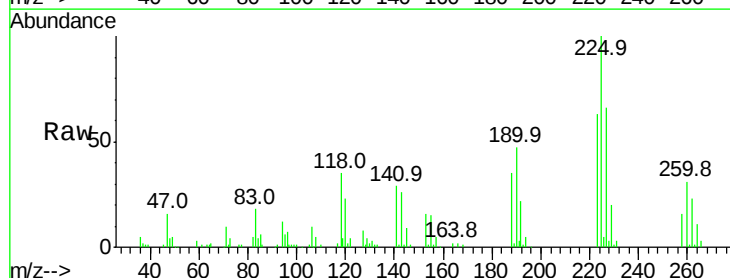


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

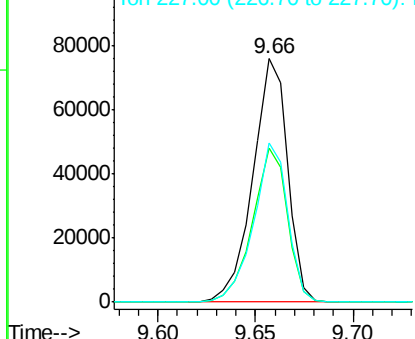
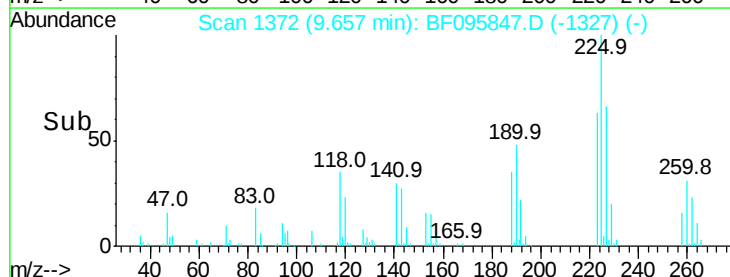


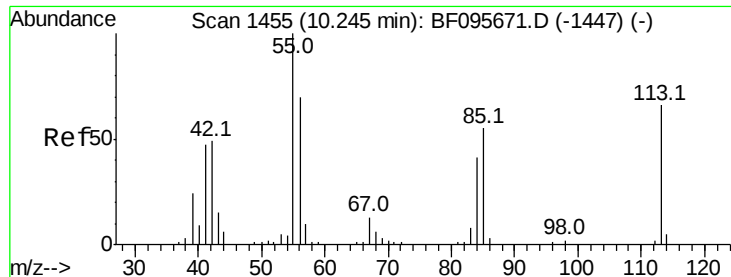
#34
 Hexachlorobutadiene
 Concen: 39.39 ng
 RT: 9.66 min Scan# 1372
 Delta R.T. -0.04 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Tgt Ion:	225	Resp:	93524
Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.8	73.2
227	65.6	51.1	76.7



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





#35

Caprolactam

Concen: 44.52 ng

RT: 10.25 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

Instrument :

BNA_F

ClientSampleId :

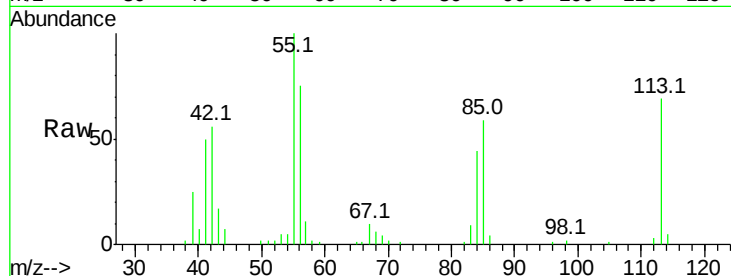
Tot Ion:113 Resp: 58503

Ion Ratio Lower Upper

113 100

55 144.6 150.2 190.2#

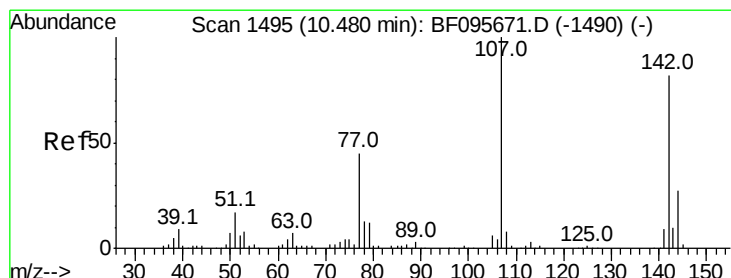
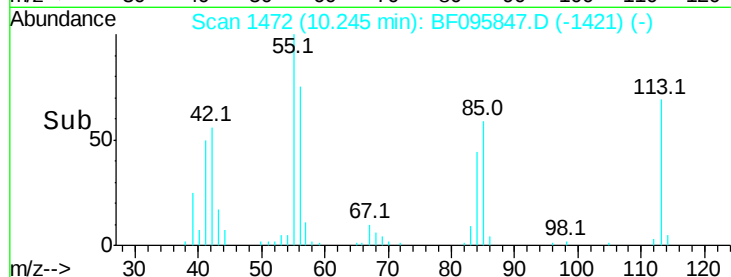
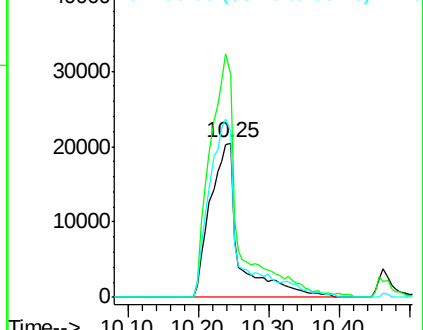
56 107.9 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.25 ng

RT: 10.46 min Scan# 1509

Delta R.T. -0.02 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

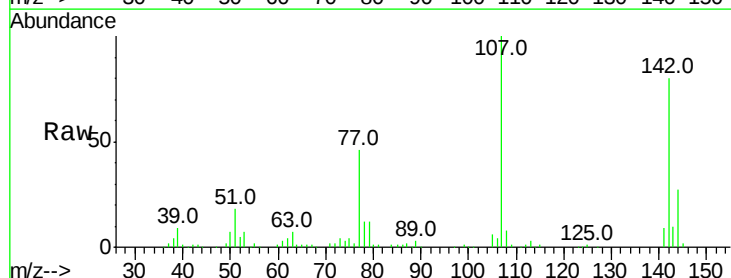
Tgt Ion:107 Resp: 195281

Ion Ratio Lower Upper

107 100

144 27.0 24.2 36.4

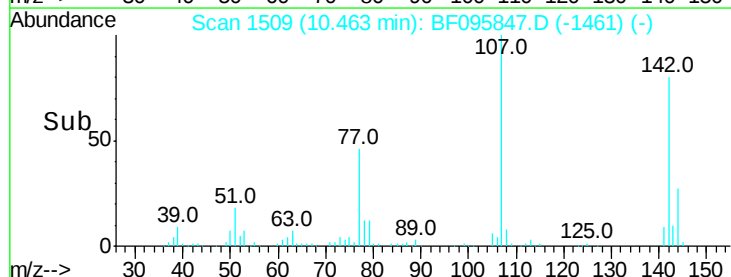
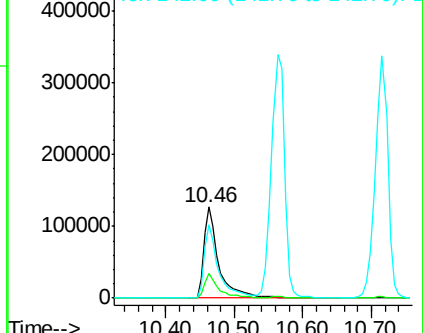
142 80.1 73.4 110.0

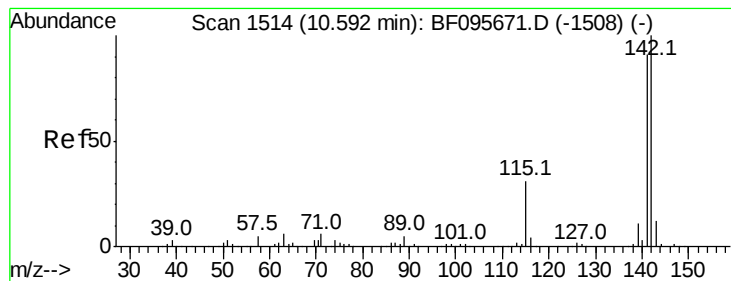


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.47 ng

RT: 10.56 min Scan# 1526

Delta R.T. -0.03 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

Instrument :

BNA_F

ClientSampleId :

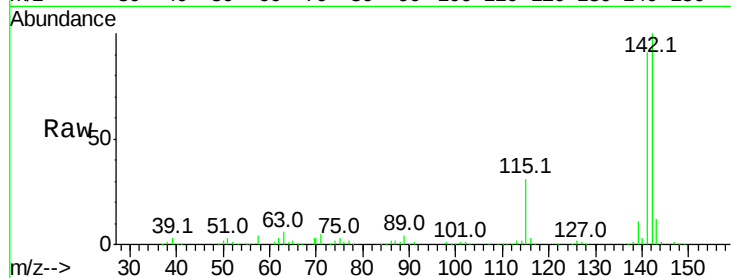
Tot Ion:142 Resp: 450167

Ion Ratio Lower Upper

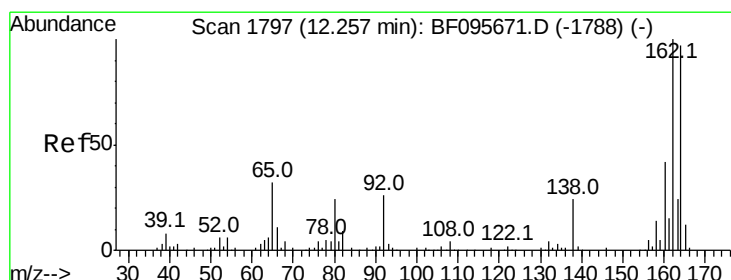
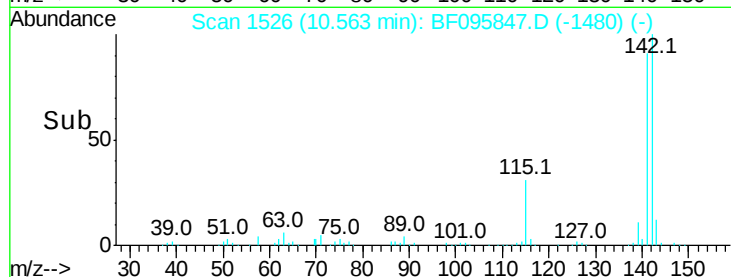
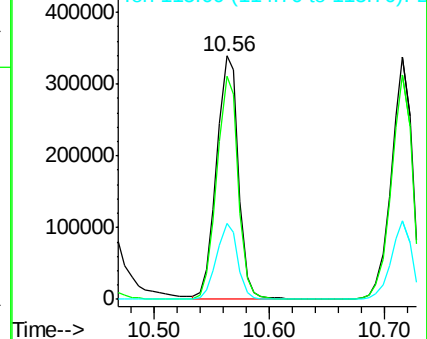
142 100

141 91.4 71.3 106.9

115 31.0 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.23 min Scan# 1809

Delta R.T. -0.03 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

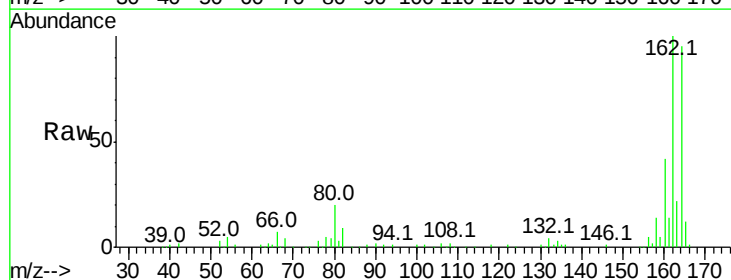
Tgt Ion:164 Resp: 152163

Ion Ratio Lower Upper

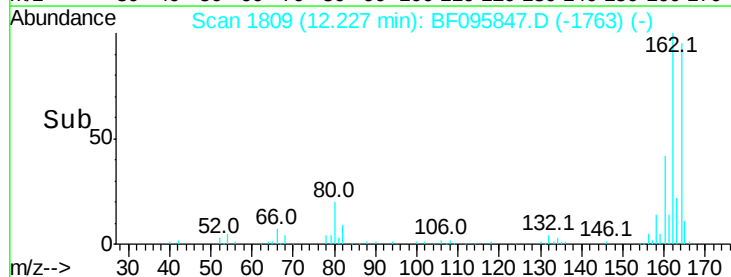
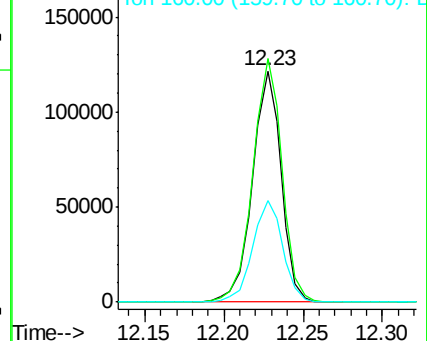
164 100

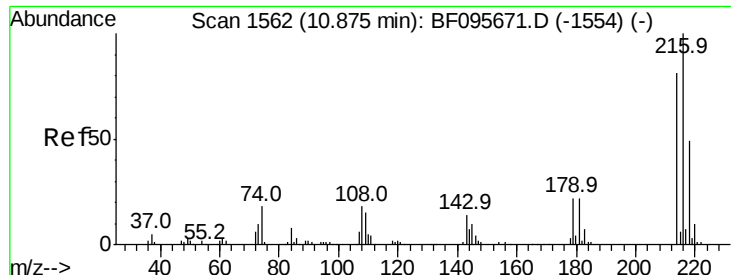
162 105.3 82.6 123.8

160 43.8 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

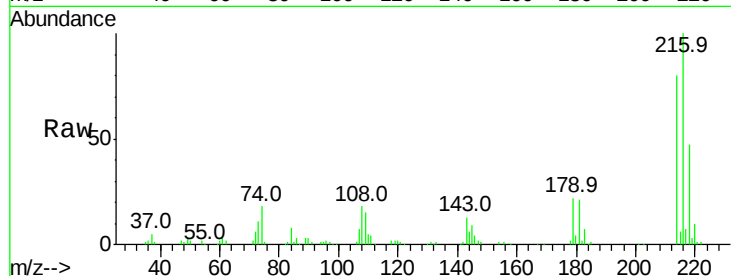




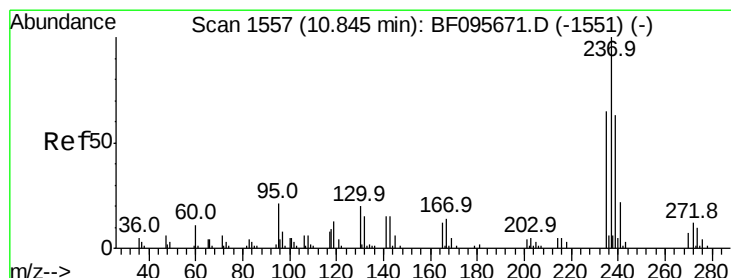
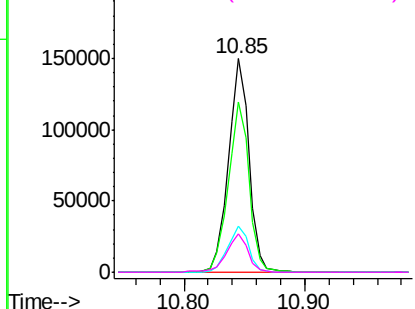
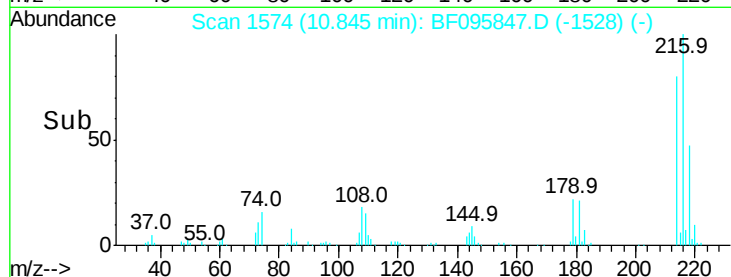
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.87 ng
 RT: 10.85 min Scan# 1574
 Delta R.T. -0.03 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	177030
Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.4	95.2
179	21.9	17.9	26.9
108	18.7	16.5	24.7

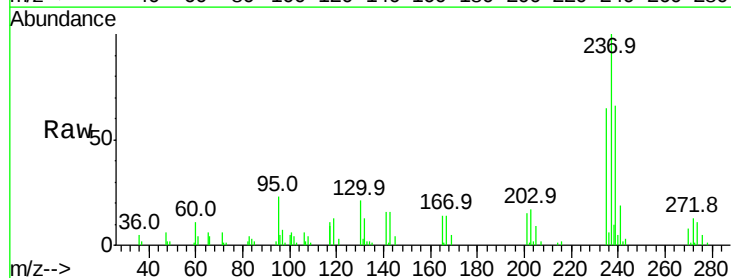


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

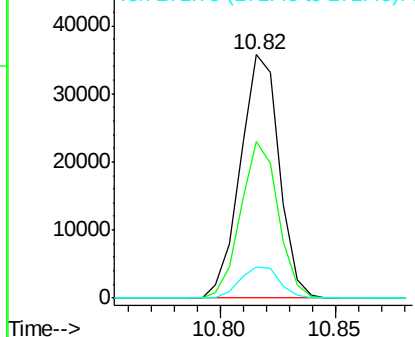
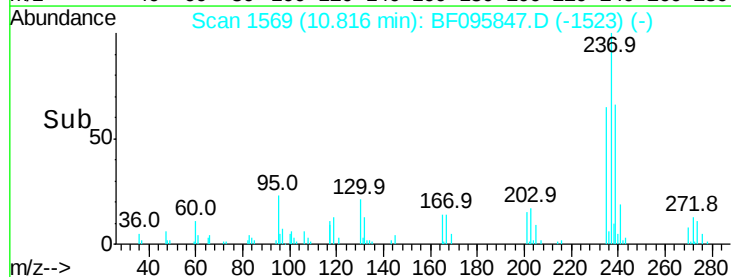


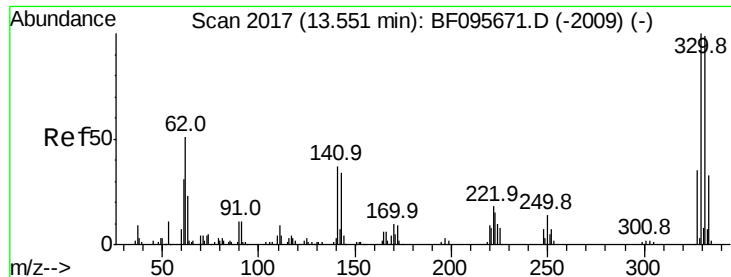
#40
 Hexachlorocyclopentadiene
 Concen: 36.49 ng
 RT: 10.82 min Scan# 1569
 Delta R.T. -0.03 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Tgt Ion:	237	Resp:	41928
Ion	Ratio	Lower	Upper
237	100		
235	64.5	42.6	82.6
272	12.6	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

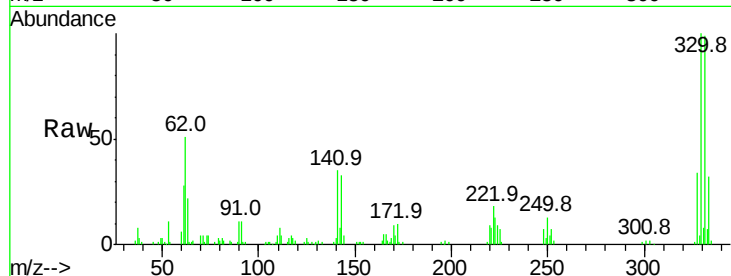




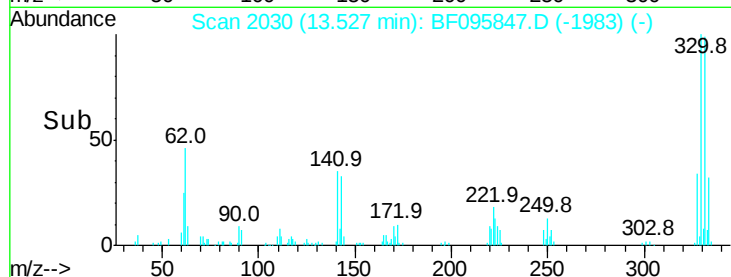
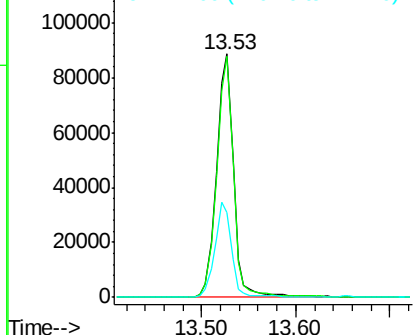
#41
 2,4,6-Tribromophenol
 Concen: 84.20 ng
 RT: 13.53 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 113353
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 37.4 31.4 47.2

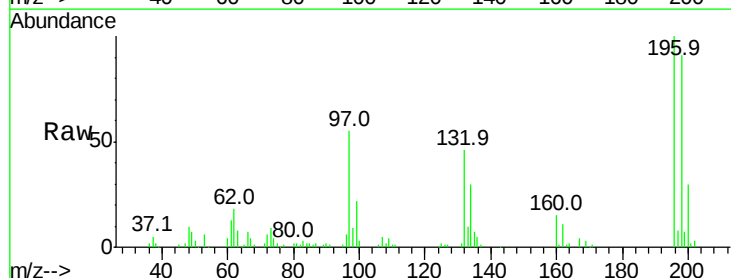


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

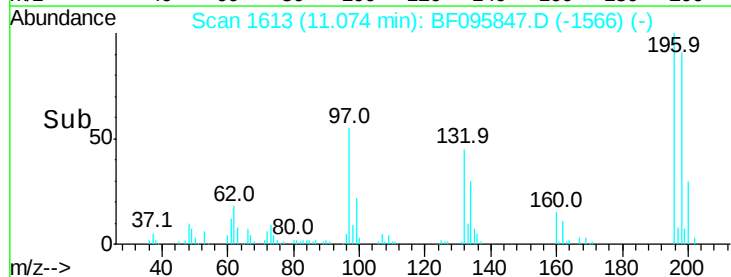
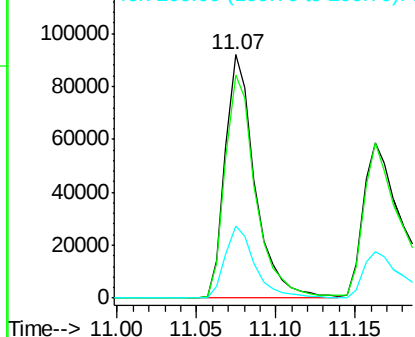


#42
 2,4,6-Trichlorophenol
 Concen: 41.08 ng
 RT: 11.07 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Tgt Ion:196 Resp: 120292
 Ion Ratio Lower Upper
 196 100
 198 91.5 74.2 111.4
 200 29.7 24.0 36.0



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

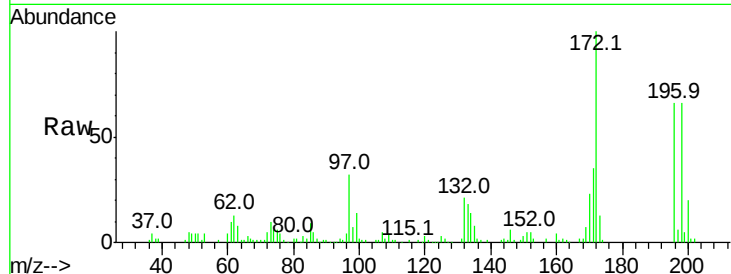




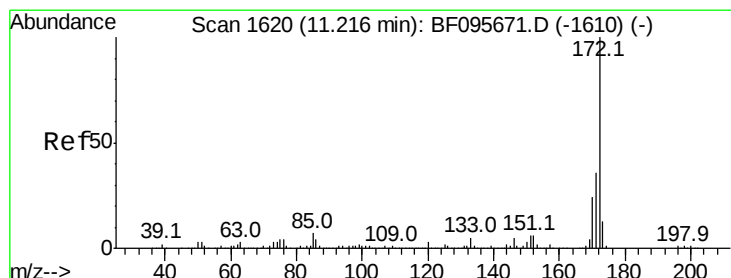
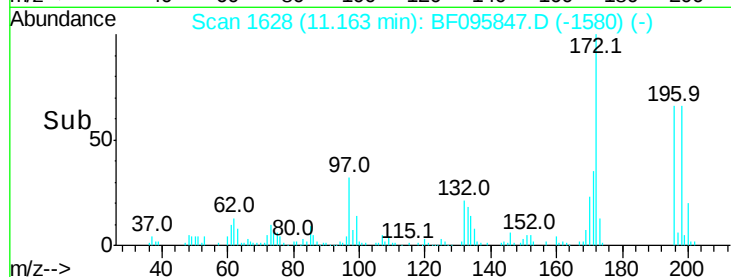
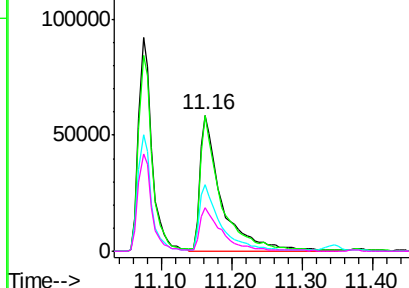
#43
 2,4,5-Trichlorophenol
 Concen: 40.55 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.8	75.7	113.5
97	48.6	47.7	71.5
132	32.2	28.0	42.0



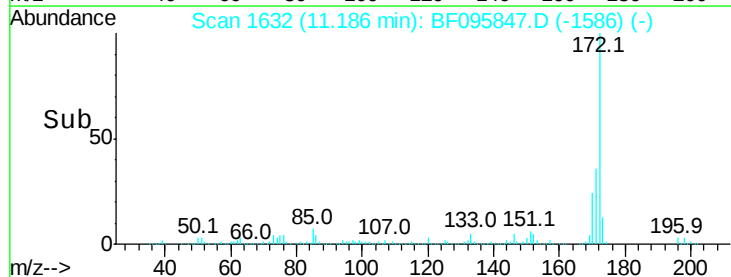
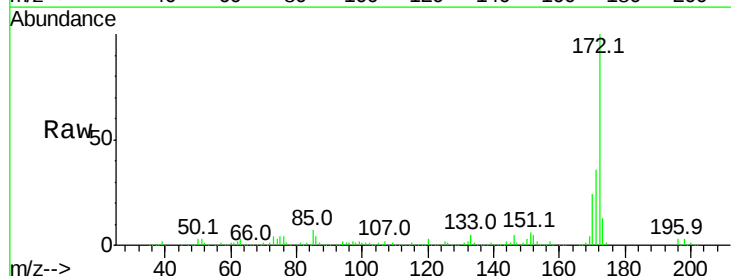
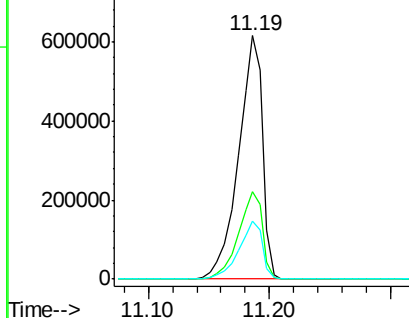
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

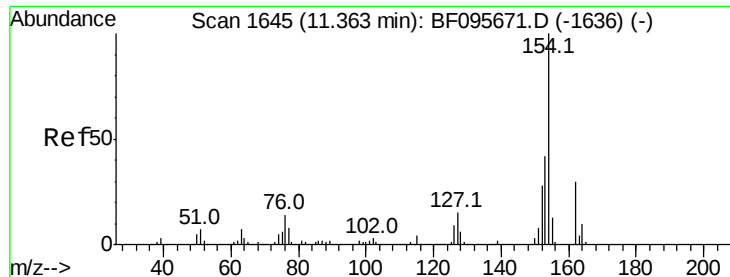


#44
 2-Fluorobiphenyl
 Concen: 77.58 ng
 RT: 11.19 min Scan# 1632
 Delta R.T. -0.03 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.6	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: 39.62 ng

RT: 11.33 min Scan# 1657

Delta R.T. -0.03 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

Instrument :

BNA_F

ClientSampled :

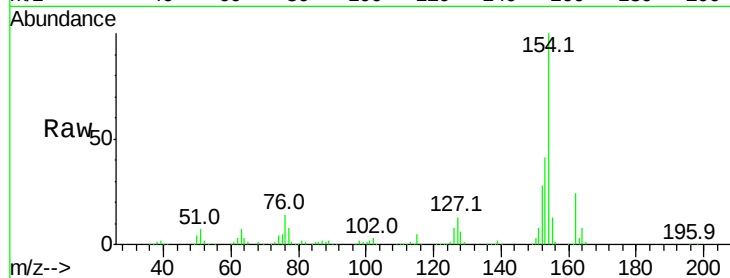
Tot Ion:154 Resp: 496852

Ion Ratio Lower Upper

154 100

153 41.0 21.2 61.2

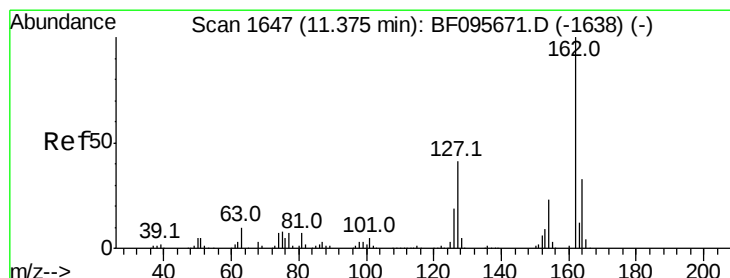
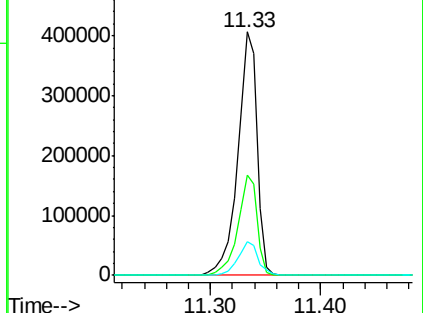
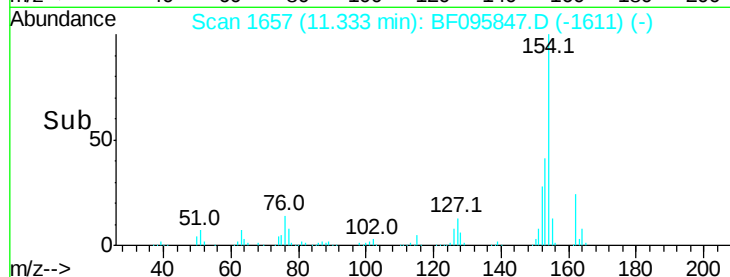
76 14.0 0.0 29.9



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: 39.88 ng

RT: 11.35 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

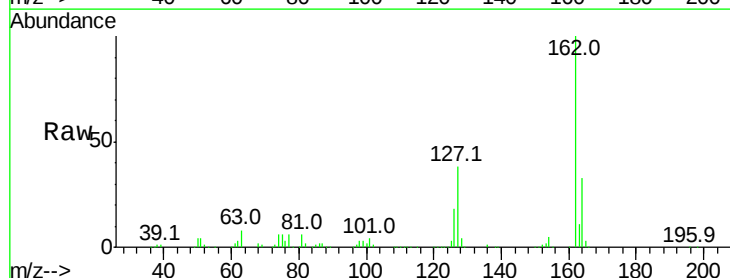
Tgt Ion:162 Resp: 390775

Ion Ratio Lower Upper

162 100

127 38.3 28.3 42.5

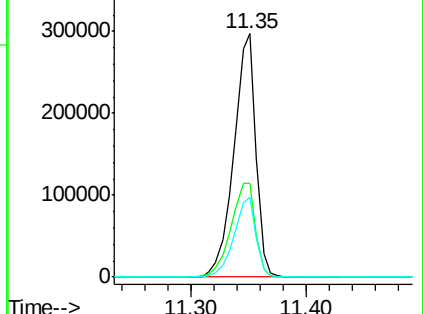
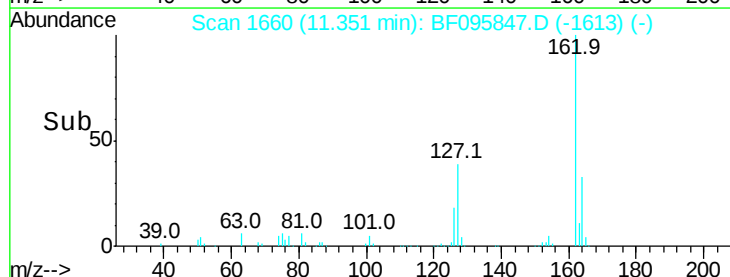
164 32.7 27.0 40.4



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

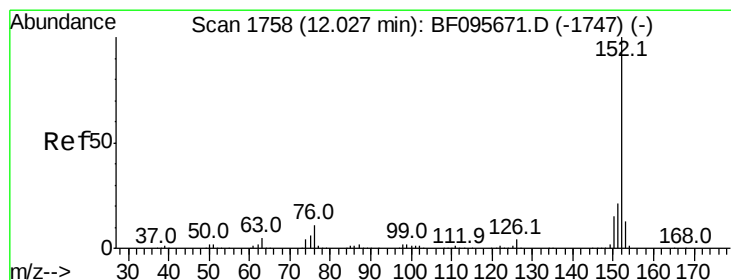
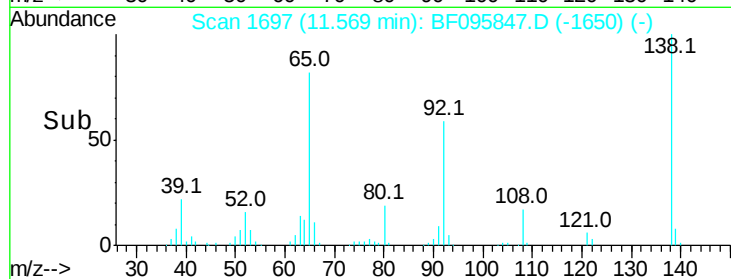
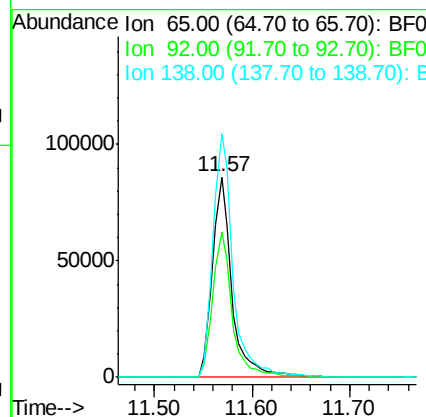
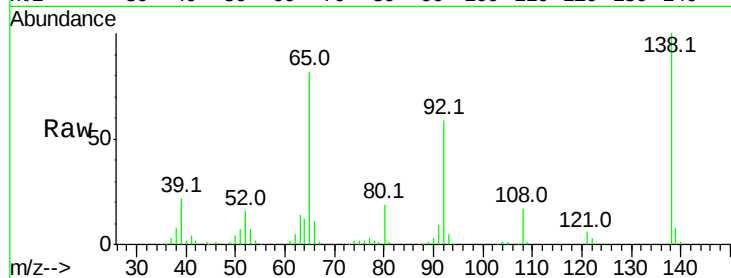




#47
 2-Nitroaniline
 Concen: 42.00 ng
 RT: 11.57 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

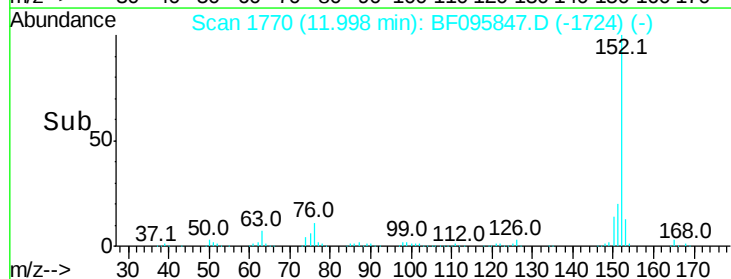
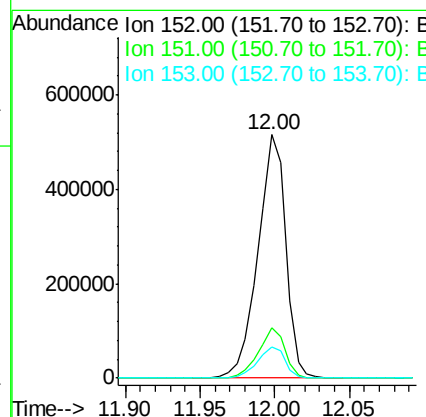
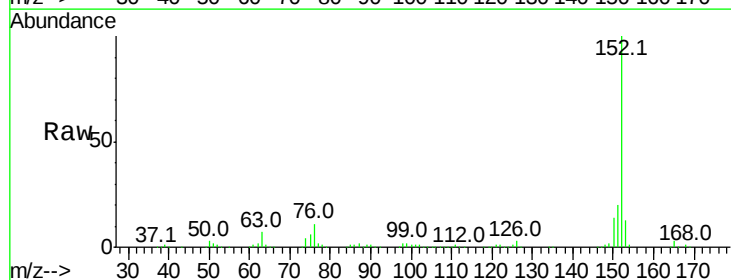
Instrument :
 BNA_F
 ClientSampleId :

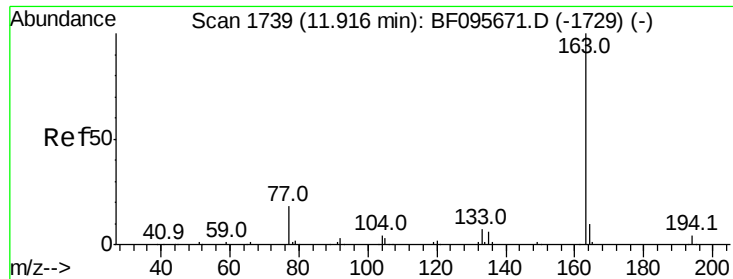
Tot Ion: 65 Resp: 120441
 Ion Ratio Lower Upper
 65 100
 92 72.1 53.9 80.9
 138 121.5 78.8 118.2#



#48
 Acenaphthylene
 Concen: 39.34 ng
 RT: 12.00 min Scan# 1770
 Delta R.T. -0.03 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Tgt Ion: 152 Resp: 659146
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 12.9 10.8 16.2





#49

Dimethylphthalate

Concen: 39.45 ng

RT: 11.89 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095847.D

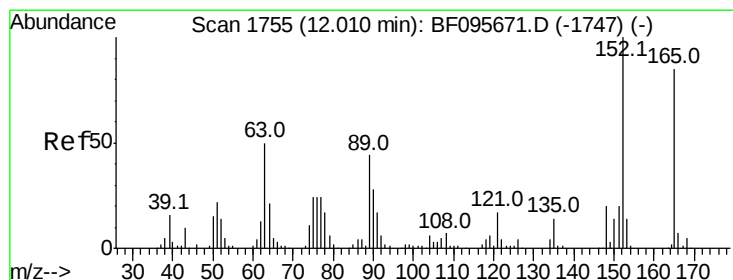
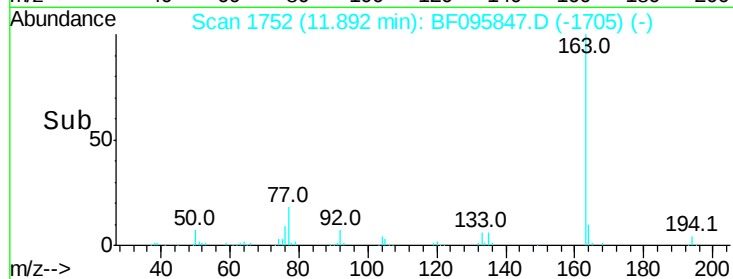
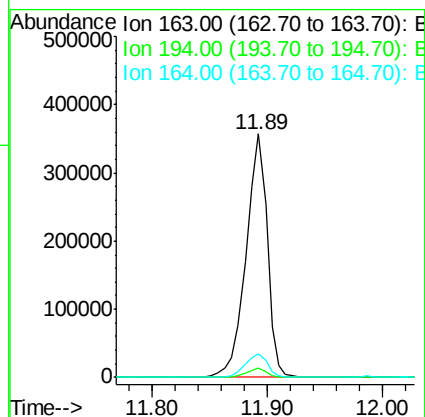
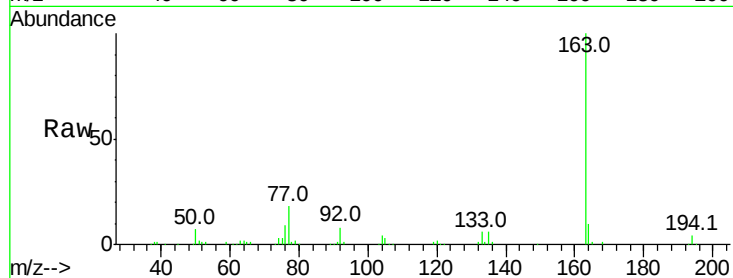
Acq: 10 Jun 2017 14:08

Instrument :

BNA_F

ClientSampled :

Tot Ion:163	Resp:	455754
Ion Ratio	Lower	Upper
163	100	
194	3.7	2.6 4.0
164	9.8	8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 40.33 ng

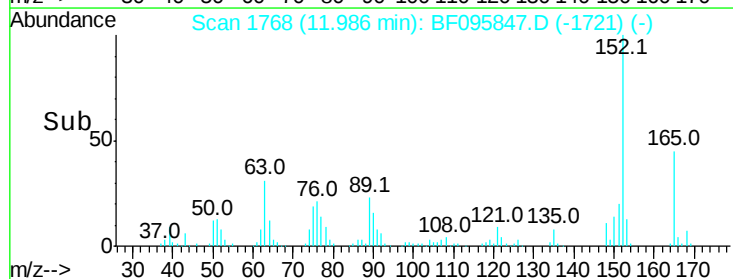
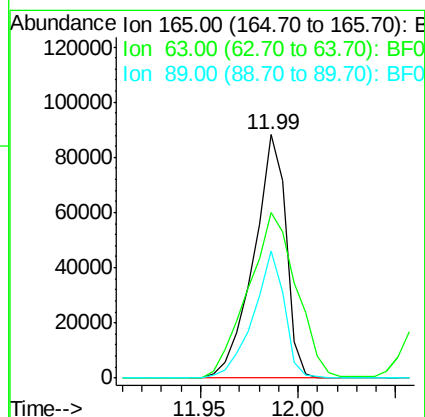
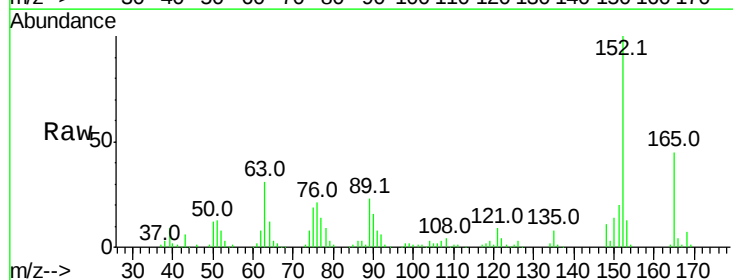
RT: 11.99 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

Tgt Ion:165	Resp:	101626
Ion Ratio	Lower	Upper
165	100	
63	68.1	34.3 51.5#
89	52.0	37.1 55.7





#51

Acenaphthene

Concen: 40.07 ng

RT: 12.29 min Scan# 1819

Delta R.T. -0.03 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

Instrument :

BNA_F

ClientSampleId :

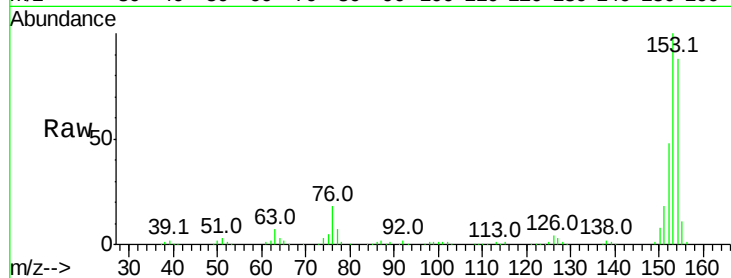
Tot Ion:154 Resp: 387725

Ion Ratio Lower Upper

154 100

153 113.4 90.5 135.7

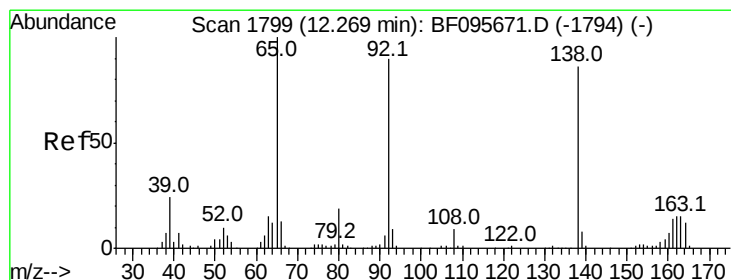
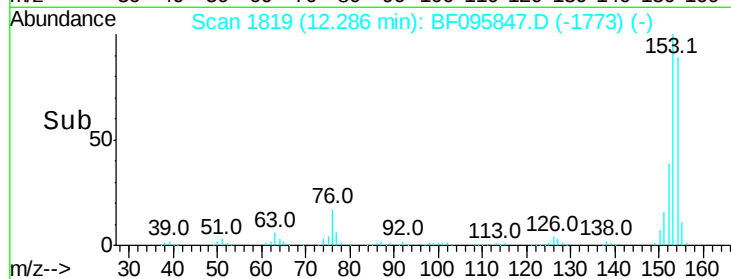
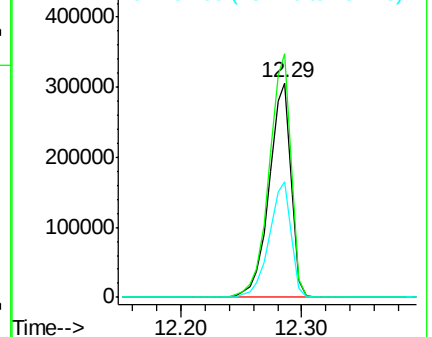
152 54.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.71 ng

RT: 12.25 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

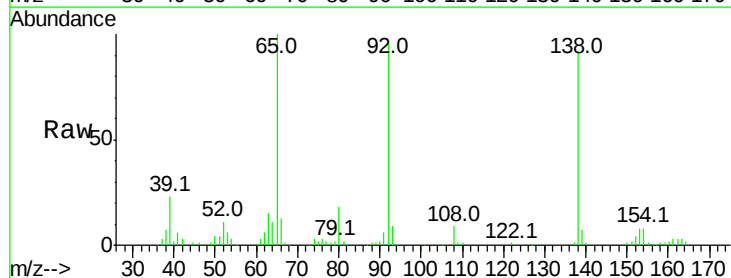
Tgt Ion:138 Resp: 125386

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

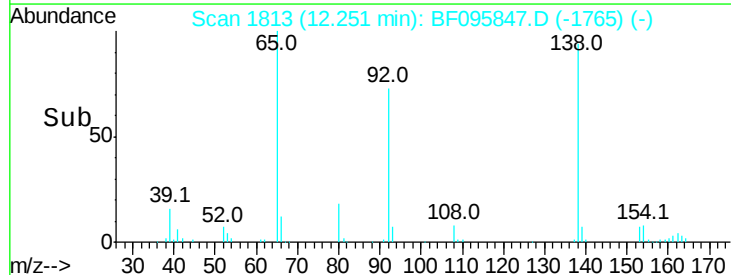
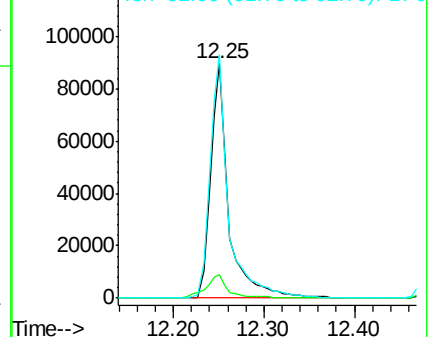
92 104.0 93.8 140.6



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

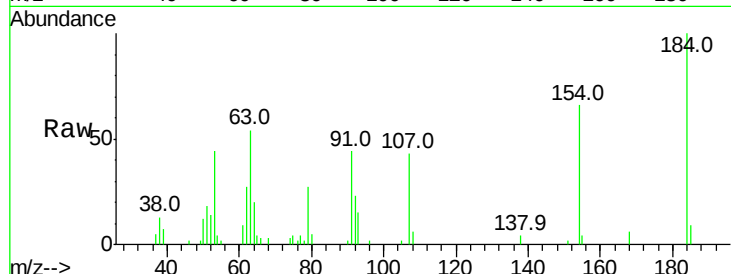




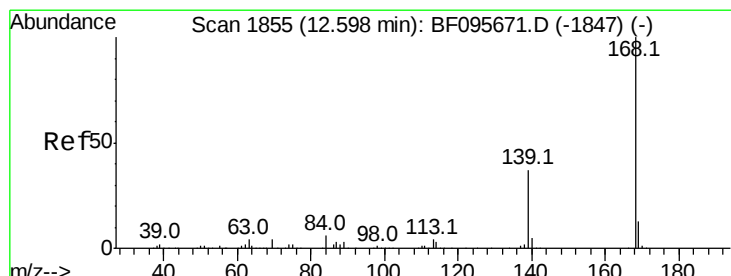
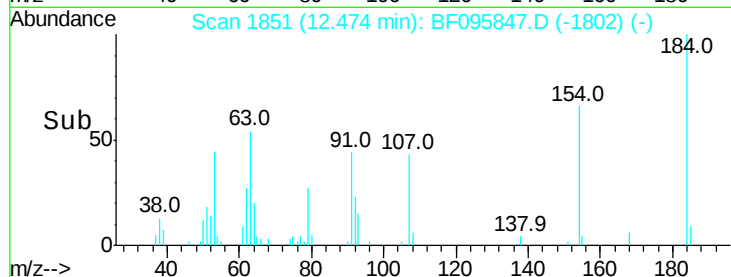
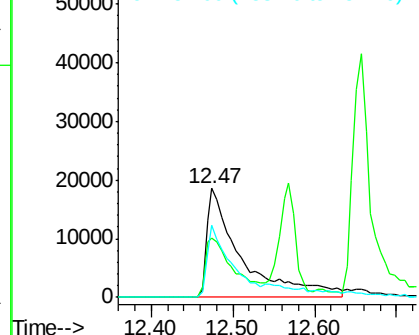
#53
 2,4-Dinitrophenol
 Concen: 41.59 ng
 RT: 12.47 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 54518
 Ion Ratio Lower Upper
 184 100
 63 54.0 62.7 94.1#
 154 66.2 81.1 121.7#

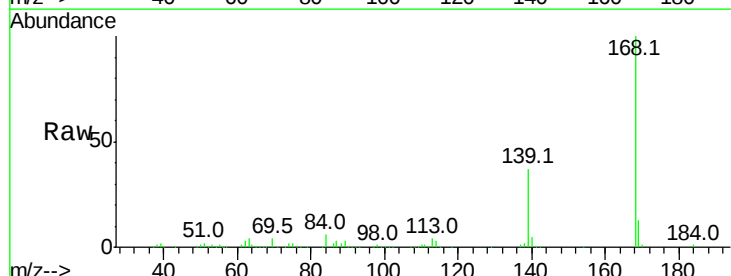


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

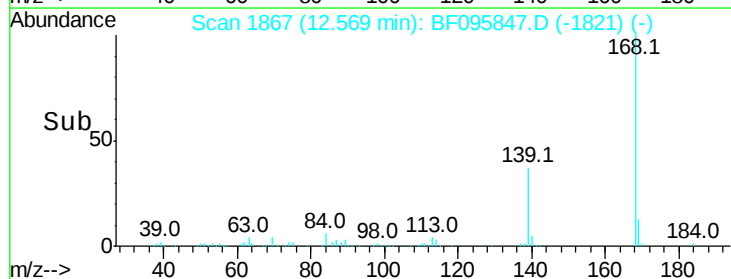
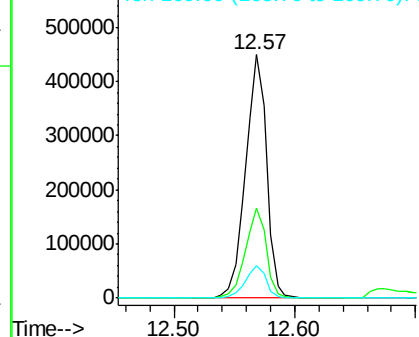


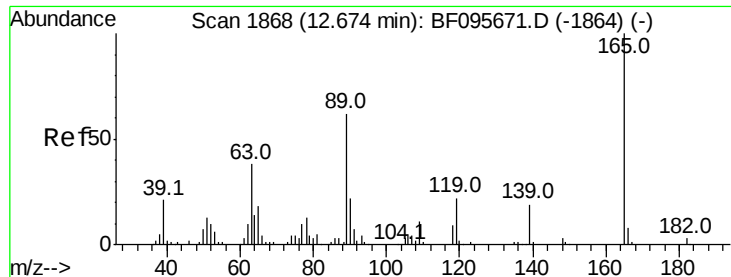
#54
 Dibenzofuran
 Concen: 40.22 ng
 RT: 12.57 min Scan# 1867
 Delta R.T. -0.03 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Tgt Ion:168 Resp: 547822
 Ion Ratio Lower Upper
 168 100
 139 37.0 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

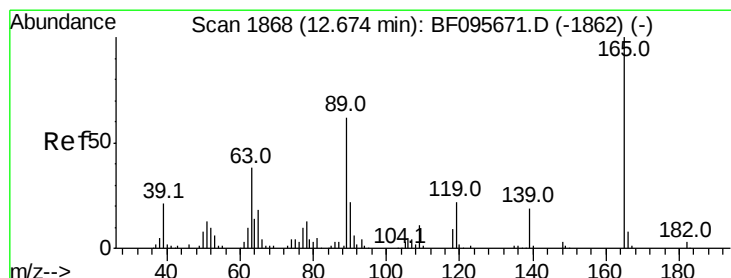
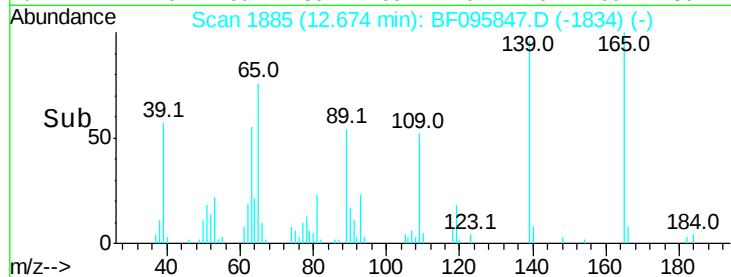
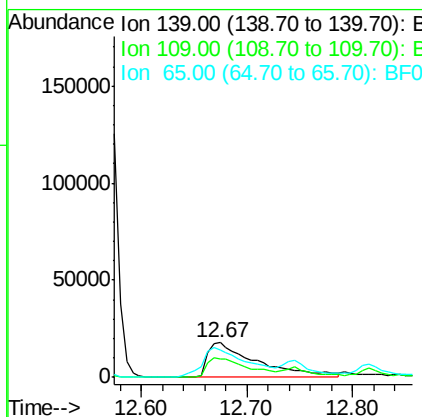
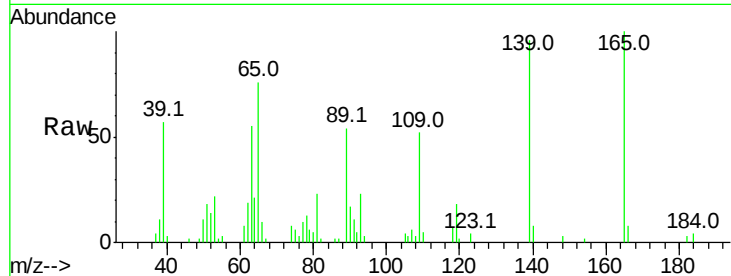




#55
4-Nitrophenol
Concen: 36.81 ng
RT: 12.67 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

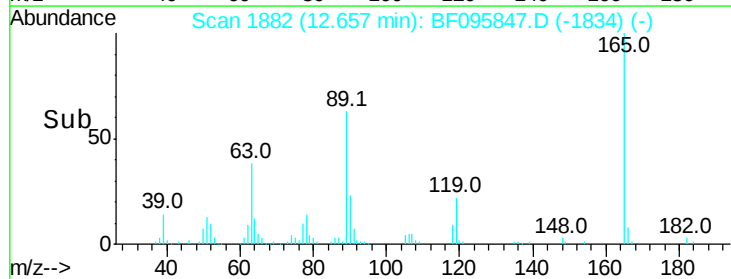
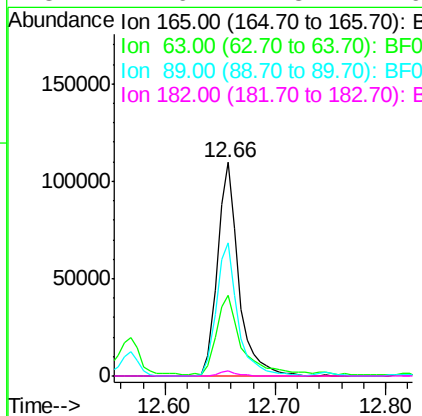
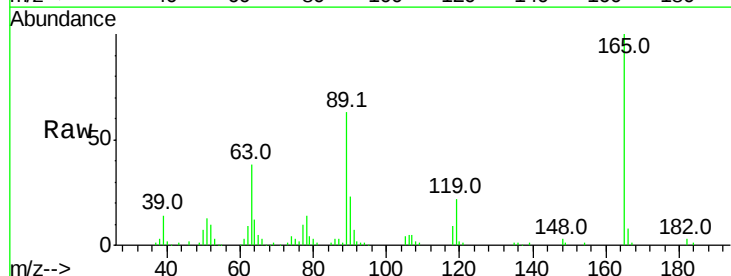
Instrument :
BNA_F
ClientSampleId :

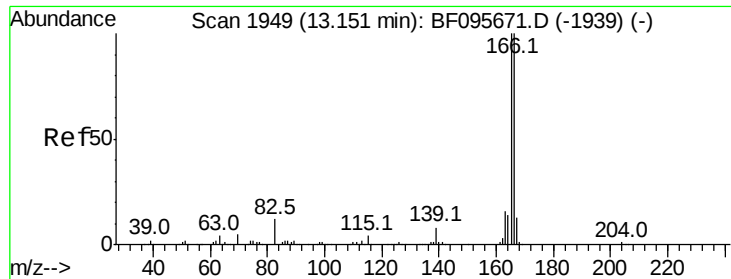
Tot Ion:139 Resp: 58556
Ion Ratio Lower Upper
139 100
109 54.6 34.1 74.1
65 79.0 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 43.07 ng
RT: 12.66 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Tgt Ion:165 Resp: 146590
Ion Ratio Lower Upper
165 100
63 37.9 25.4 38.0
89 62.5 46.4 69.6
182 2.6 1.8 2.6

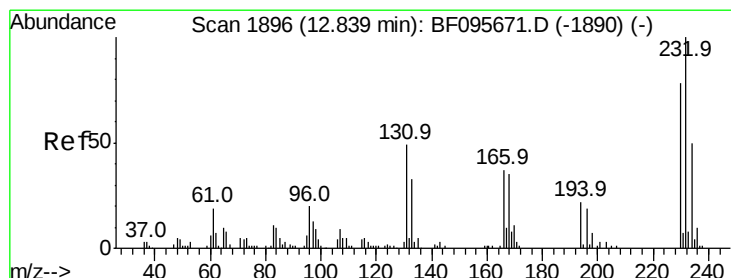
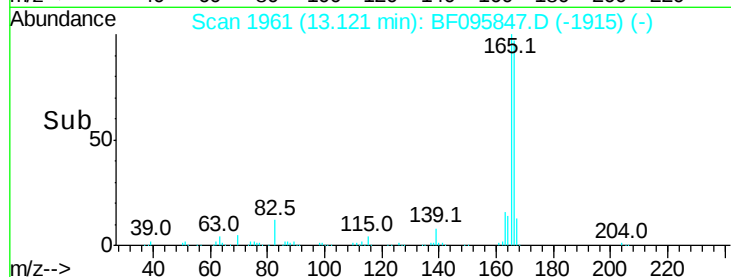
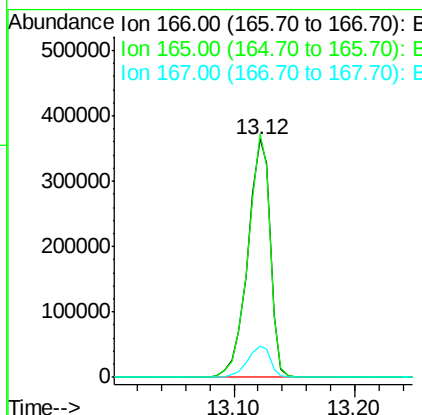
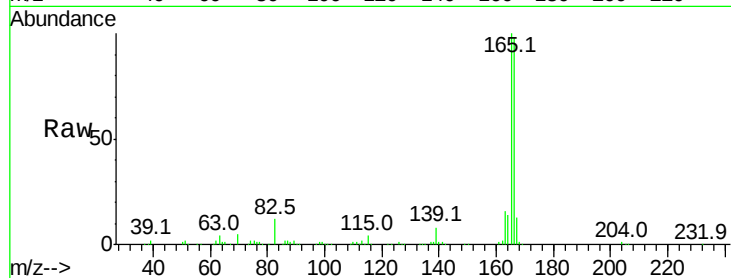




#57
 Fluorene
 Concen: 40.16 ng
 RT: 13.12 min Scan# 1961
 Delta R.T. -0.03 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

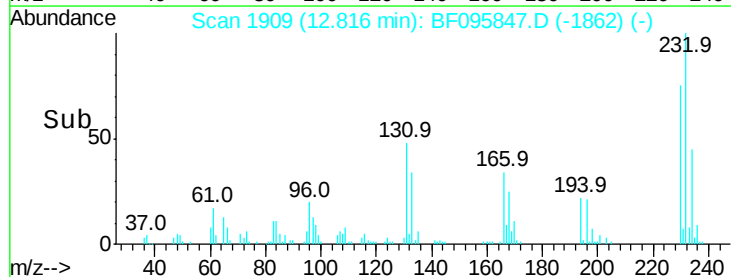
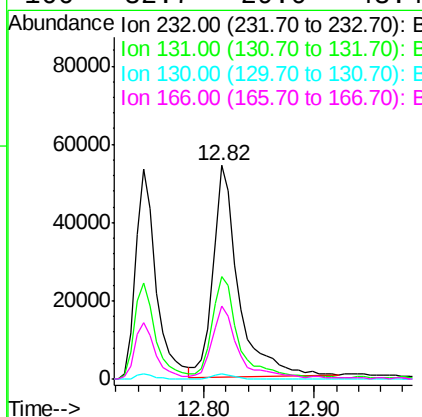
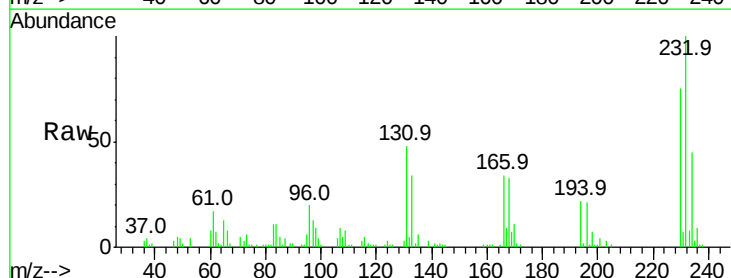
Instrument :
 BNA_F
 ClientSampleId :

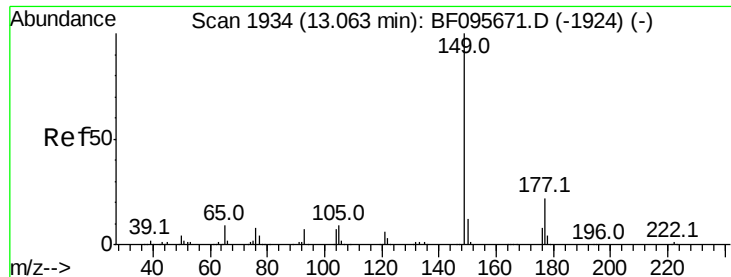
Tot Ion:166 Resp: 476058
 Ion Ratio Lower Upper
 166 100
 165 102.3 78.8 118.2
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.73 ng
 RT: 12.82 min Scan# 1909
 Delta R.T. -0.02 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Tgt Ion:232 Resp: 86796
 Ion Ratio Lower Upper
 232 100
 131 49.8 44.8 67.2
 130 1.9 2.3 3.5#
 166 32.7 29.0 43.4

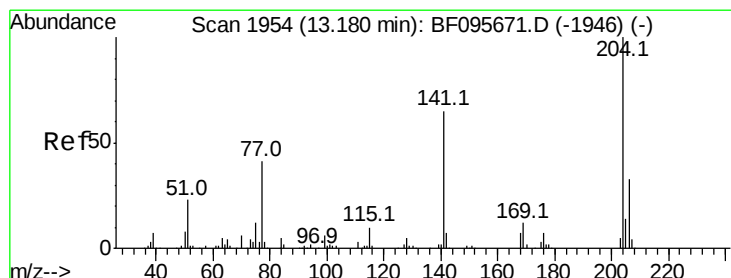
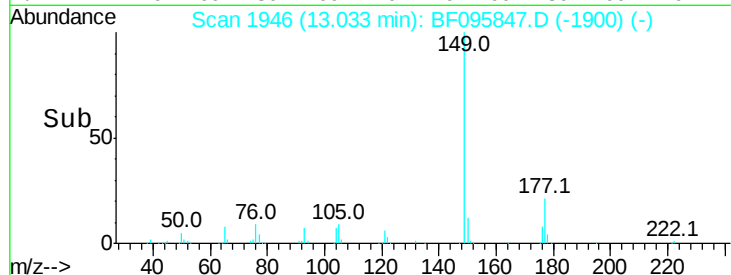
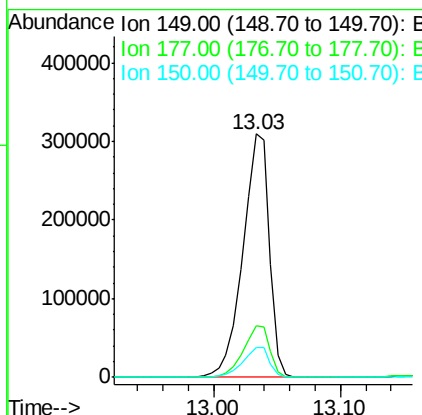
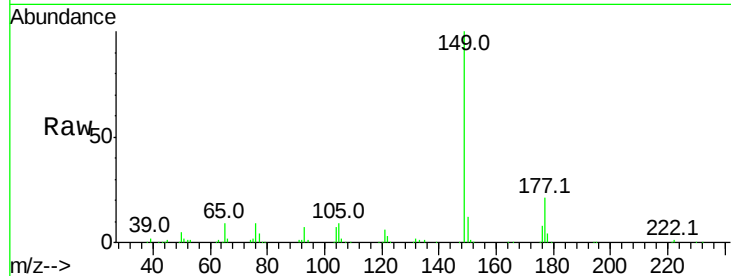




#59
Diethylphthalate
Concen: 40.30 ng
RT: 13.03 min Scan# 1946
Delta R.T. -0.03 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

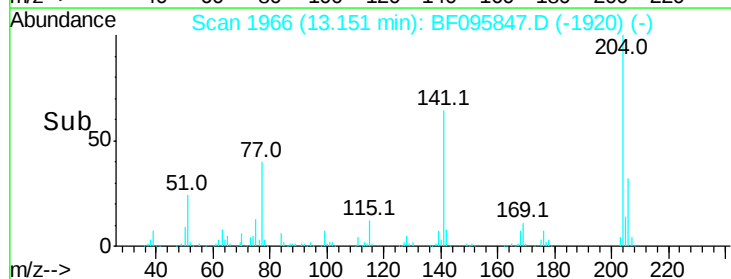
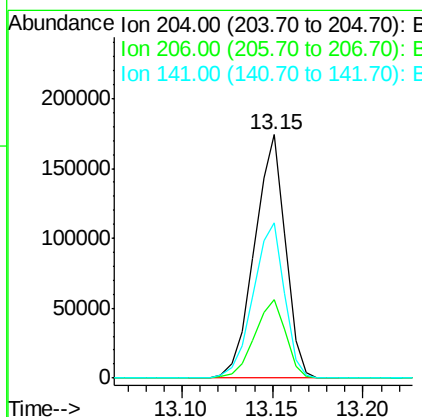
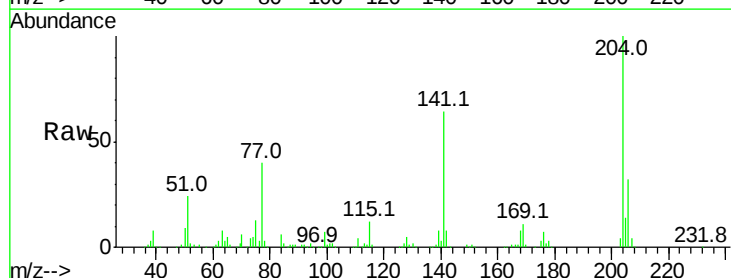
Instrument :
BNA_F
ClientSampled :

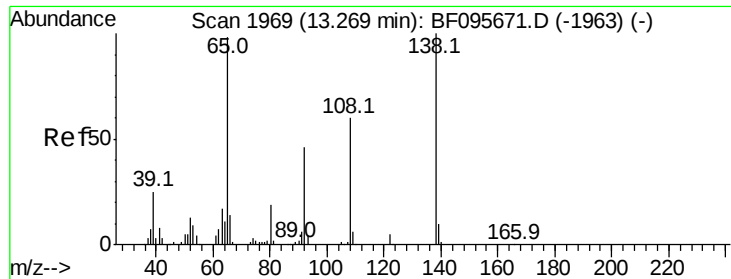
Tot Ion:149 Resp: 448089
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.02 ng
RT: 13.15 min Scan# 1966
Delta R.T. -0.03 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Tgt Ion:204 Resp: 206301
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 63.6 60.8 91.2

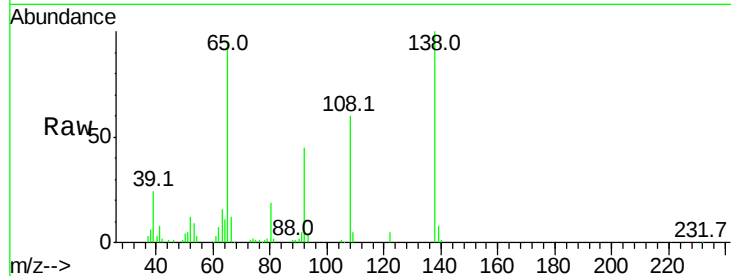




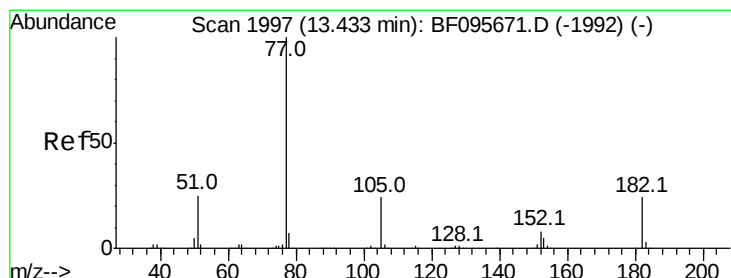
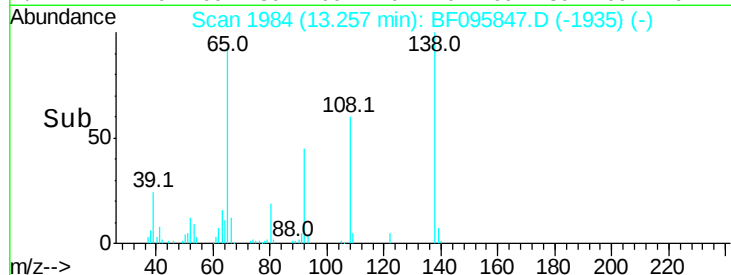
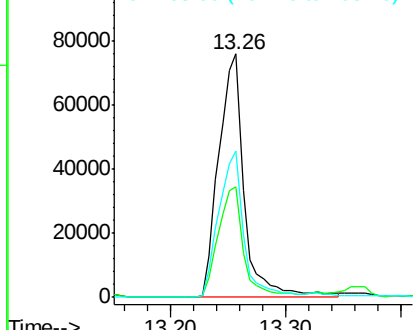
#61
4-Nitroaniline
Concen: 42.56 ng
RT: 13.26 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 116680
Ion Ratio Lower Upper
138 100
92 45.4 21.8 61.8
108 60.3 42.3 82.3

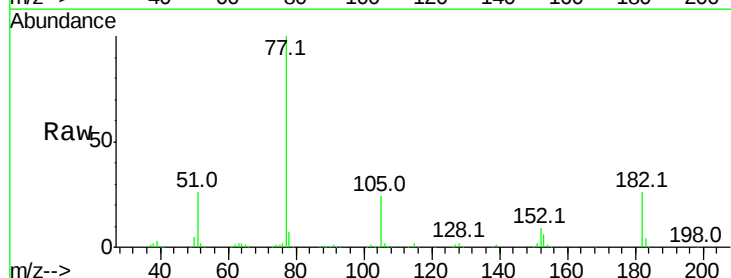


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

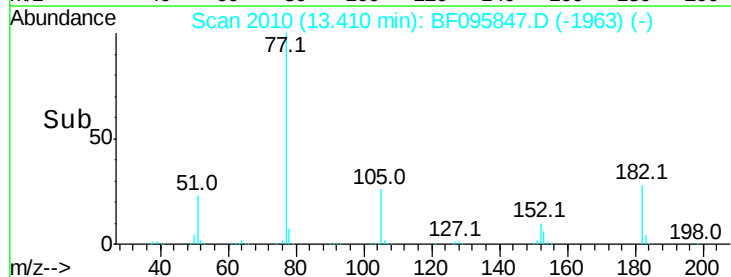
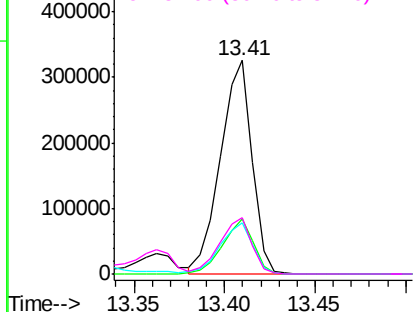


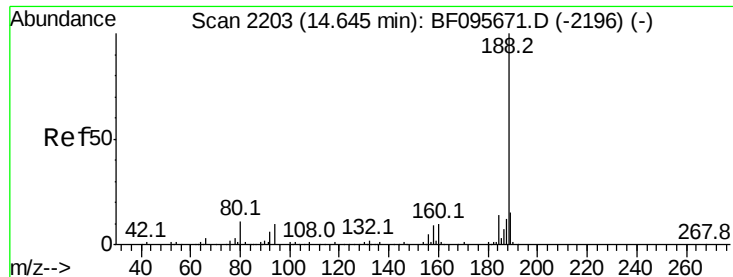
#62
Azobenzene
Concen: 39.23 ng
RT: 13.41 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Tgt Ion: 77 Resp: 395300
Ion Ratio Lower Upper
77 100
182 26.0 0.1 40.1
105 24.2 3.6 43.6
51 26.1 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

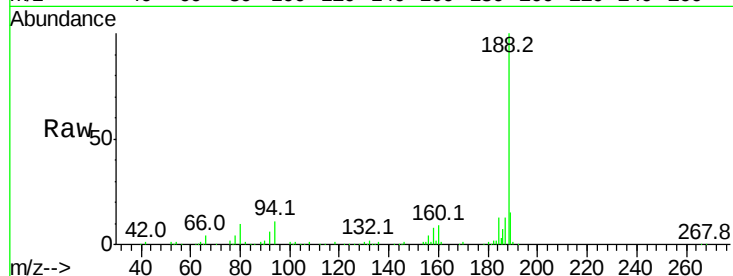




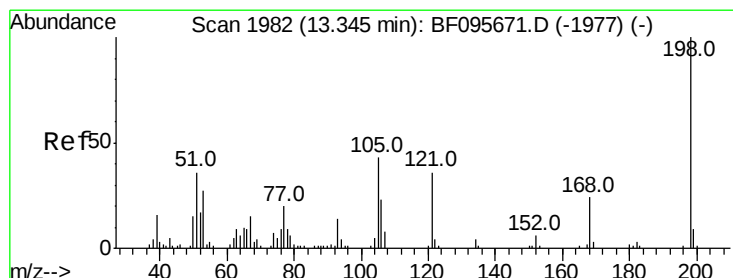
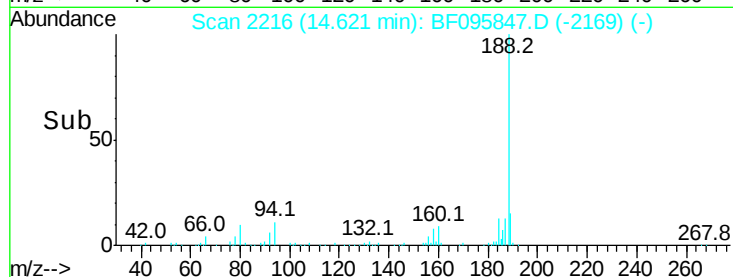
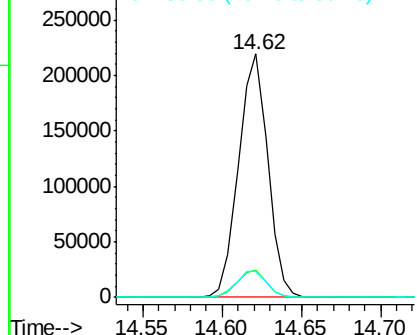
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 279792
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 10.5 10.2 15.2

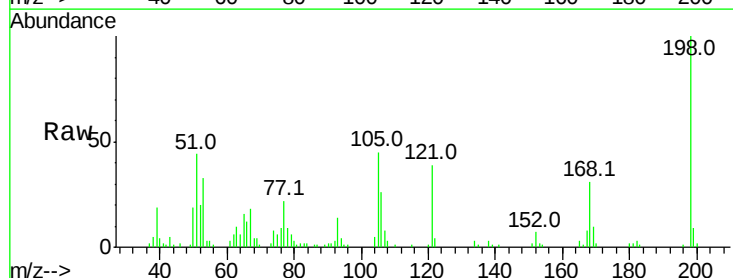


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

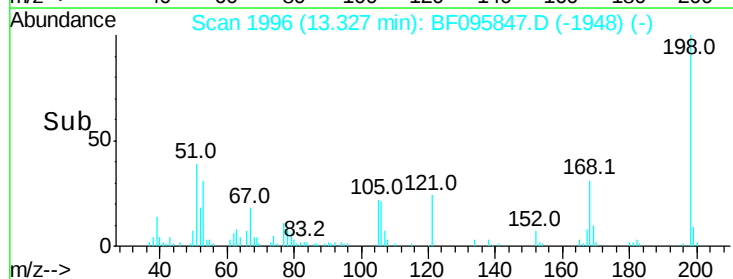
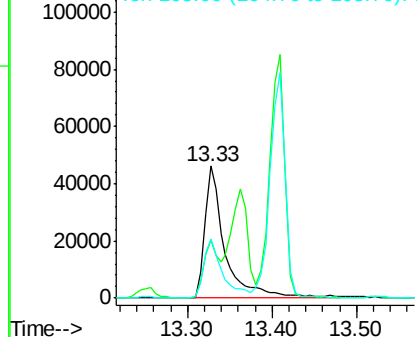


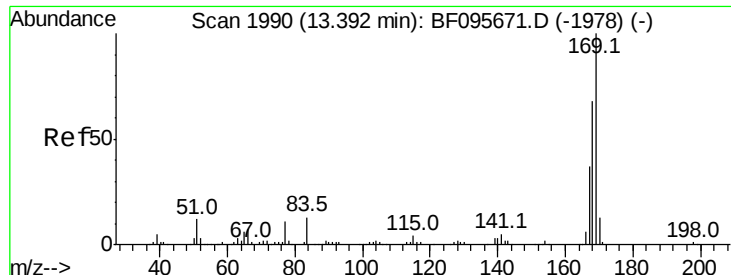
#64
4,6-Dinitro-2-methylphenol
Concen: 41.51 ng
RT: 13.33 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Tgt Ion:198 Resp: 76341
Ion Ratio Lower Upper
198 100
51 44.4 53.2 93.2#
105 45.1 45.8 85.8#



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

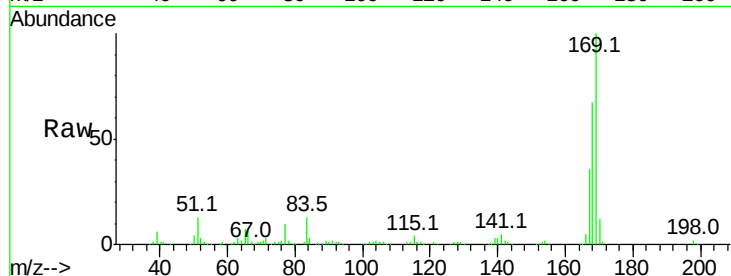




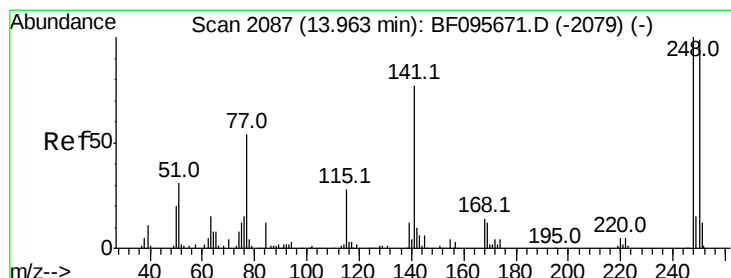
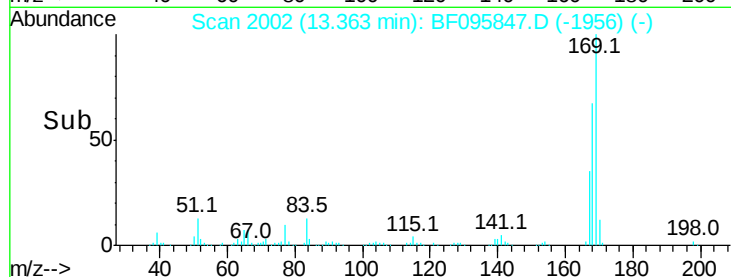
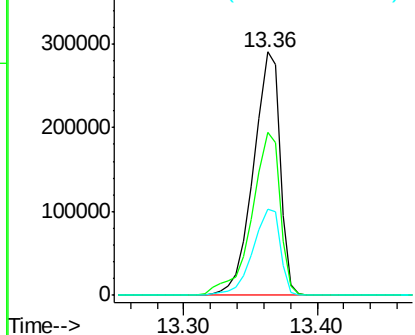
#65
n-Nitrosodiphenylamine
Concen: 39.51 ng
RT: 13.36 min Scan# 2002
Delta R.T. -0.03 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.2	79.8
167	35.6	29.5	44.3

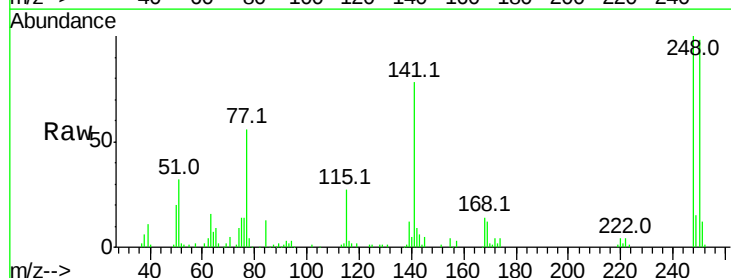


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

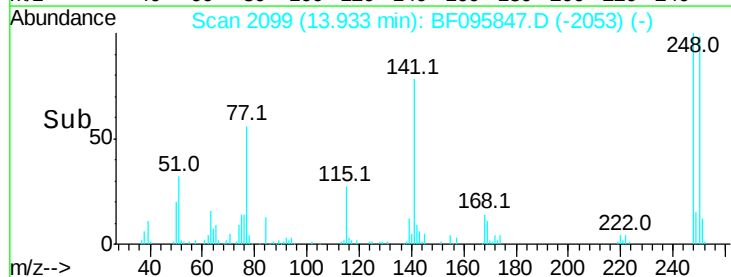
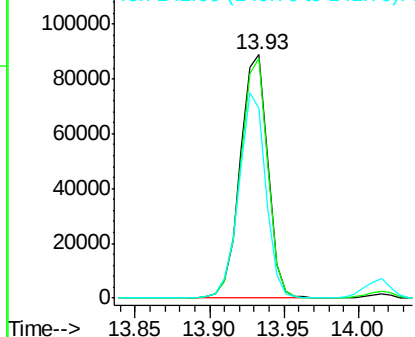


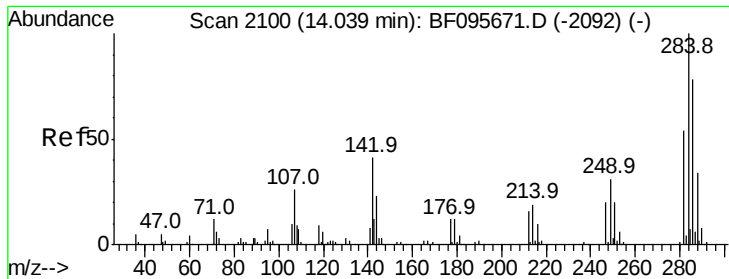
#66
4-Bromophenyl-phenylether
Concen: 39.26 ng
RT: 13.93 min Scan# 2099
Delta R.T. -0.03 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.8	115.2
141	78.1	68.6	103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

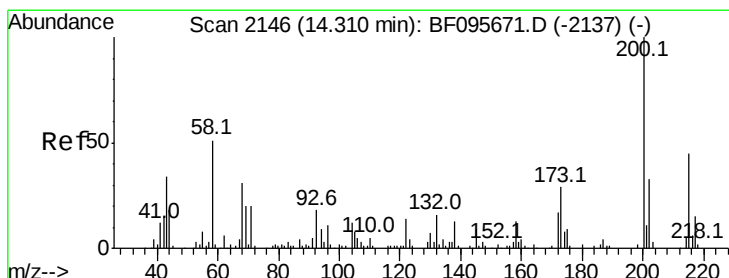
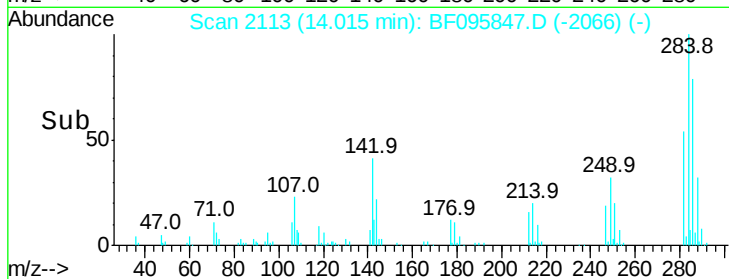
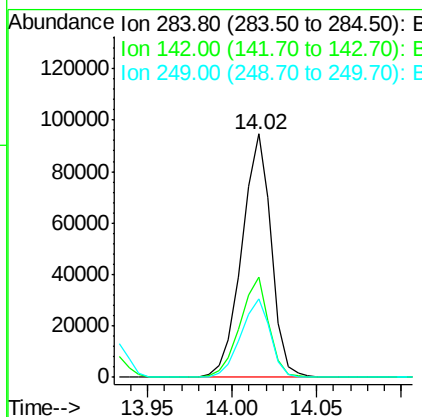
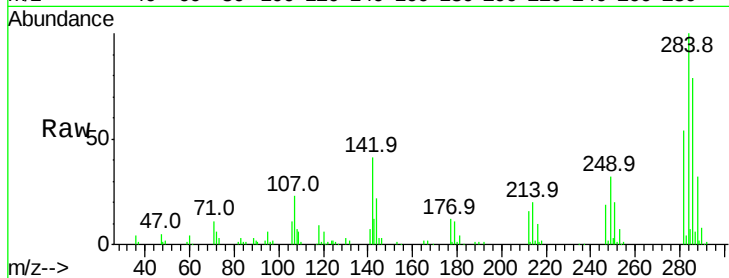




#67
Hexachlorobenzene
Concen: 40.13 ng
RT: 14.02 min Scan# 2113
Delta R.T. -0.02 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

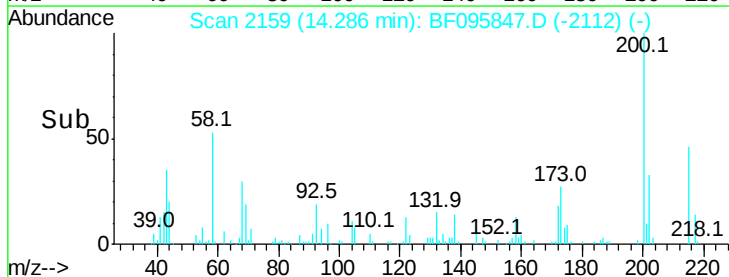
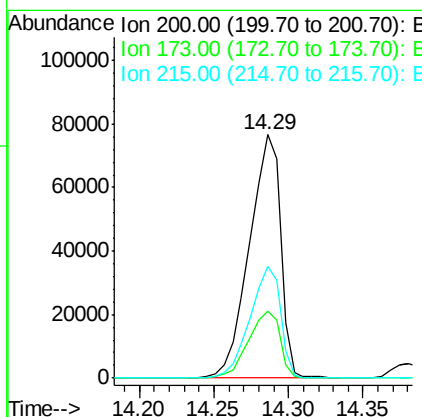
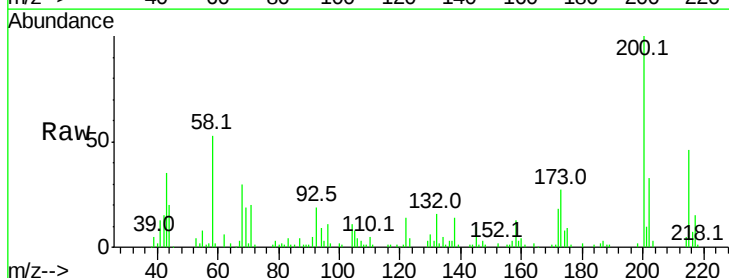
Instrument :
BNA_F
ClientSampleId :

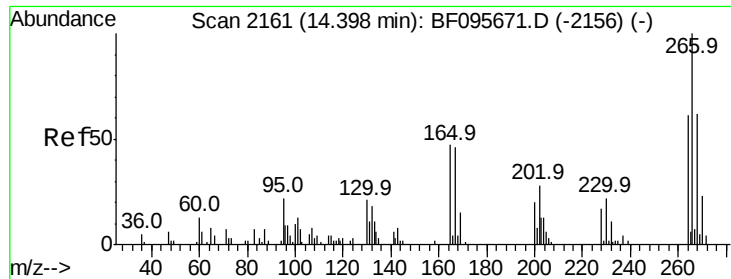
Tot Ion:284 Resp: 114975
Ion Ratio Lower Upper
284 100
142 41.2 22.8 34.2#
249 32.3 24.0 36.0



#68
Atrazine
Concen: 39.49 ng
RT: 14.29 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Tgt Ion:200 Resp: 110498
Ion Ratio Lower Upper
200 100
173 27.4 6.3 46.3
215 46.0 27.2 67.2

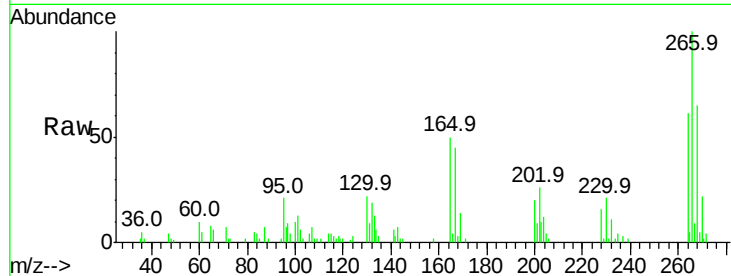




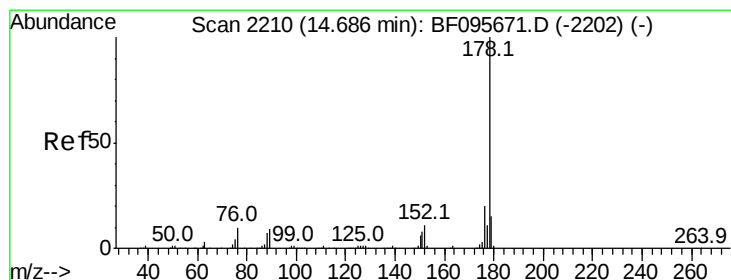
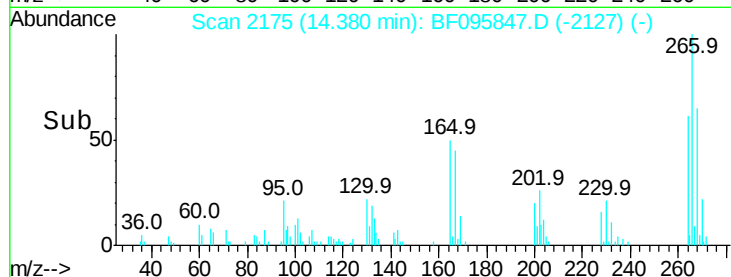
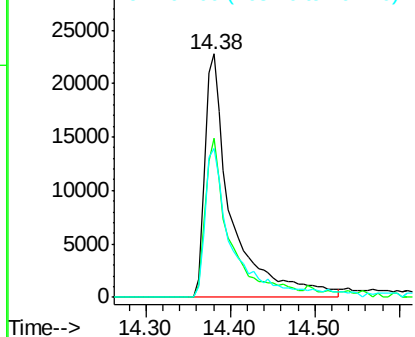
#69
 Pentachlorophenol
 Concen: 48.75 ng
 RT: 14.38 min Scan# 2175
 Delta R.T. -0.02 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 49917
 Ion Ratio Lower Upper
 266 100
 268 65.4 51.1 76.7
 264 61.3 51.7 77.5

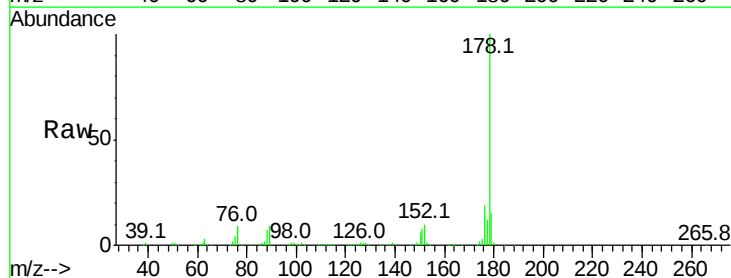


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

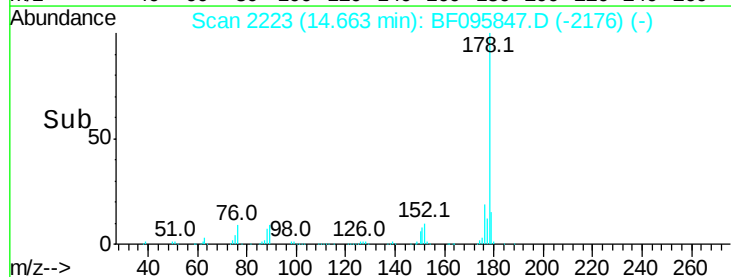
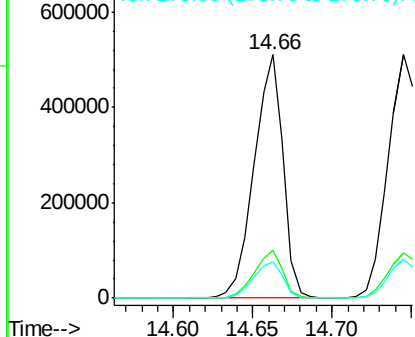


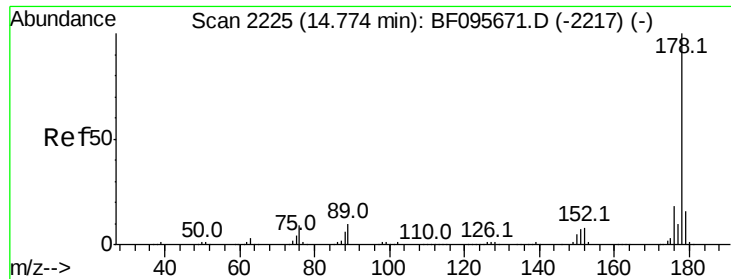
#70
 Phenanthrene
 Concen: 40.13 ng
 RT: 14.66 min Scan# 2223
 Delta R.T. -0.02 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Tgt Ion:178 Resp: 647830
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 14.9 12.6 19.0



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

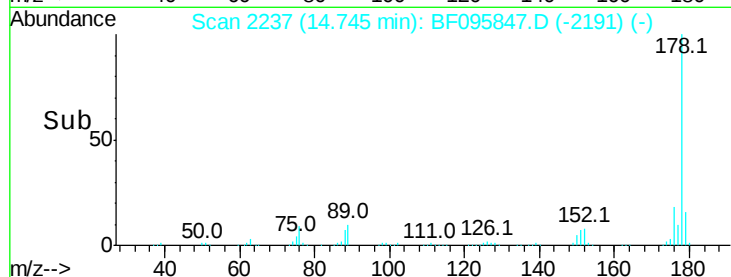
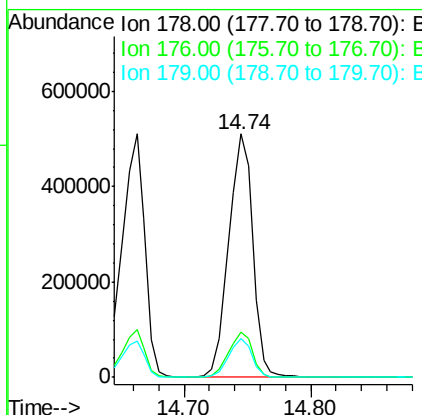
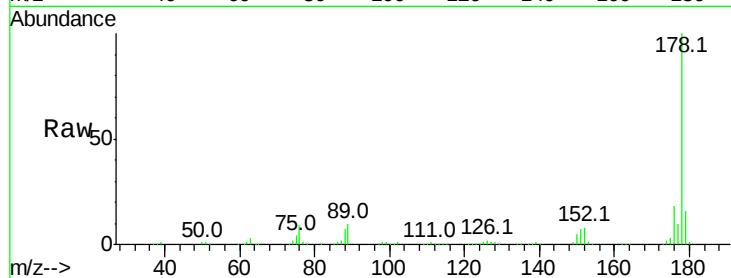




#71
 Anthracene
 Concen: 39.63 ng
 RT: 14.74 min Scan# 2237
 Delta R.T. -0.03 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

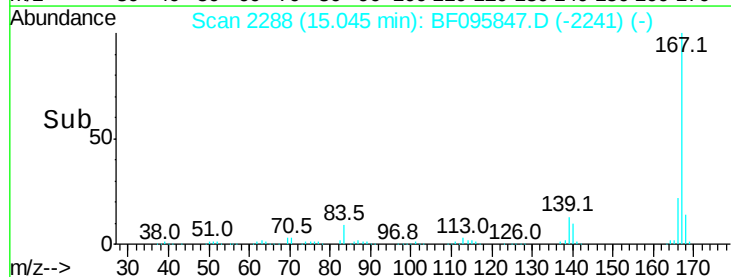
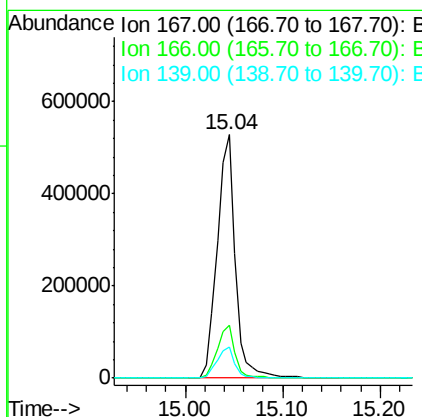
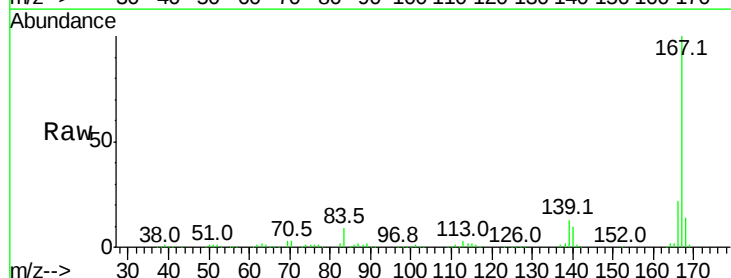
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 667967
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.9 12.7 19.1



#72
 Carbazole
 Concen: 41.58 ng
 RT: 15.04 min Scan# 2288
 Delta R.T. -0.02 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Tgt Ion:167 Resp: 682929
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.1 27.1
 139 12.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.09 ng

RT: 15.63 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

Instrument :

BNA_F

ClientSampleId :

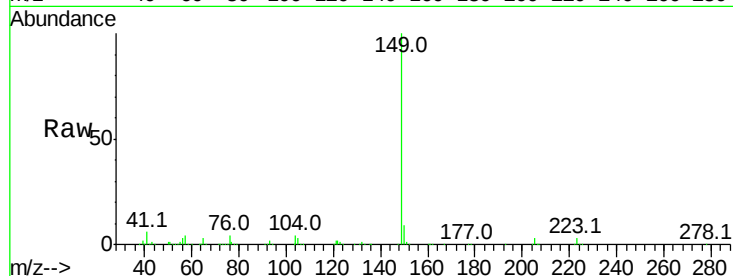
Tot Ion:149 Resp: 700469

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

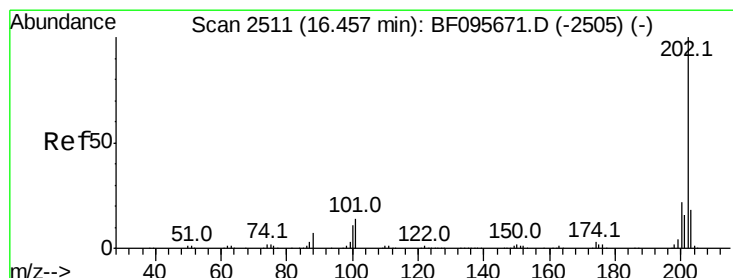
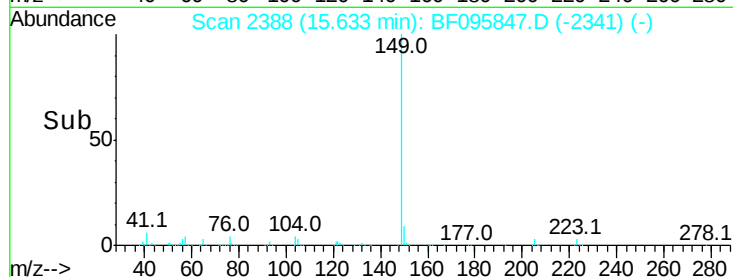
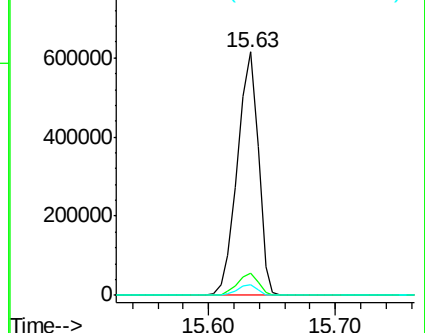
104 4.2 4.0 6.0



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: 41.99 ng

RT: 16.44 min Scan# 2525

Delta R.T. -0.02 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

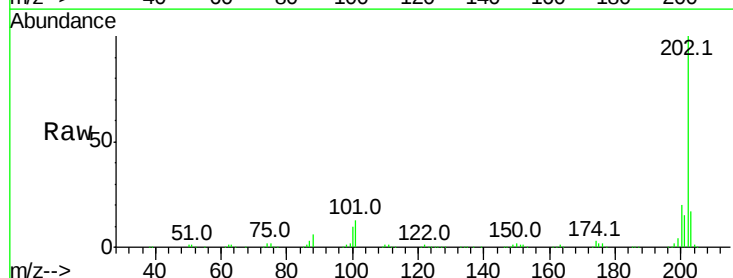
Tgt Ion:202 Resp: 670880

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

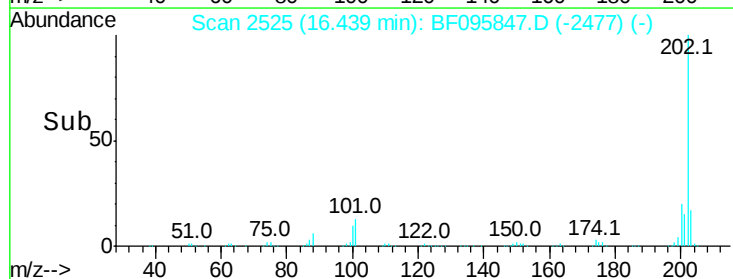
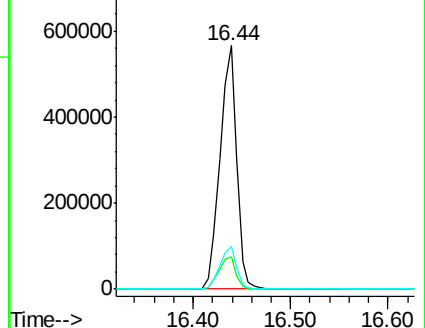
203 17.4 0.0 38.1

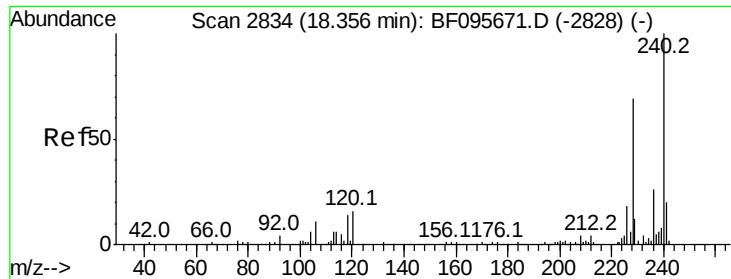


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

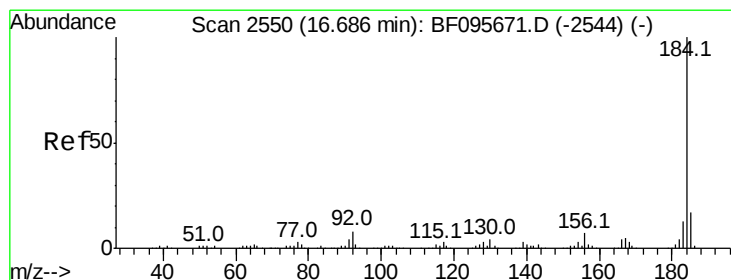
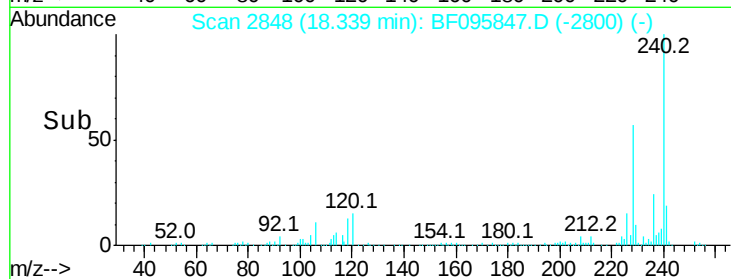
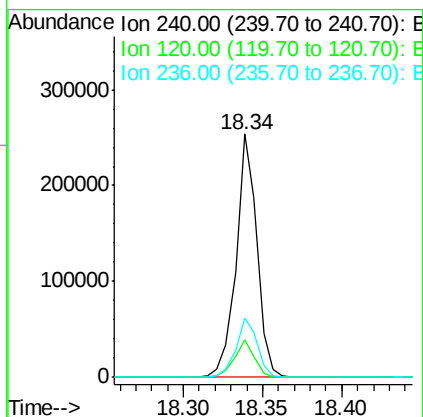
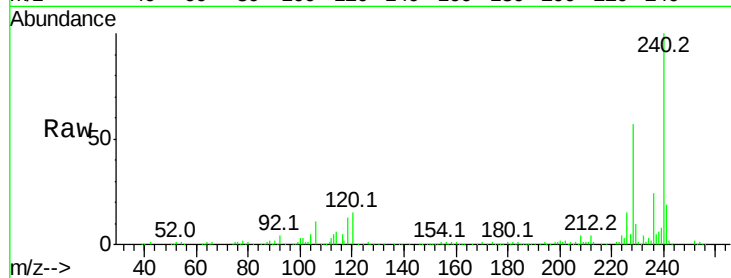




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.34 min Scan# 2848
 Delta R.T. -0.02 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

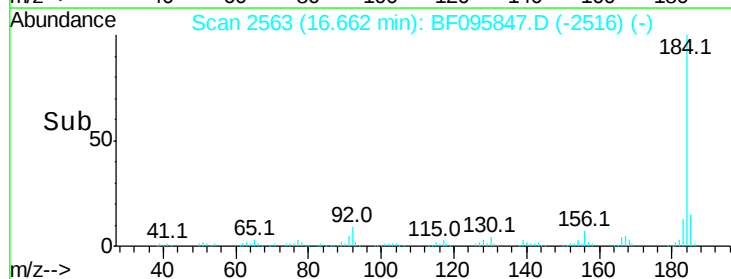
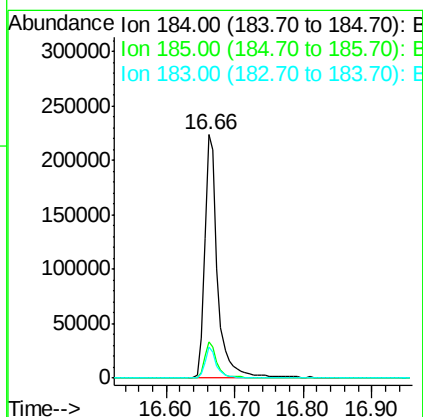
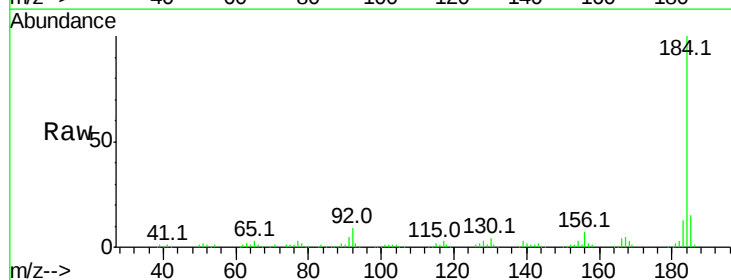
Instrument :
 BNA_F
 ClientSampleId :

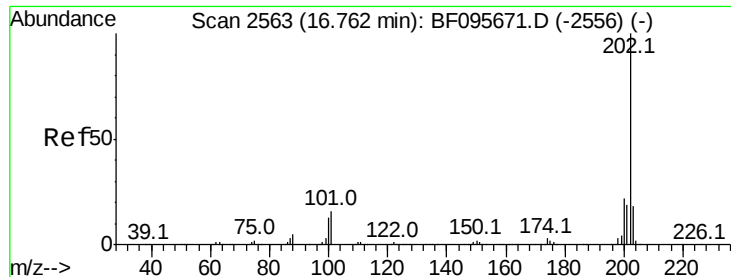
Tot Ion:240 Resp: 230963
 Ion Ratio Lower Upper
 240 100
 120 15.2 5.8 8.8#
 236 24.4 20.5 30.7



#76
 Benzidine
 Concen: 33.97 ng
 RT: 16.66 min Scan# 2563
 Delta R.T. -0.02 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Tgt Ion:184 Resp: 301345
 Ion Ratio Lower Upper
 184 100
 185 15.0 15.5 23.3#
 183 12.6 9.8 14.6





#77

Pvrene

Concen: 39.73 ng

RT: 16.74 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

Instrument :

BNA_F

ClientSampleId :

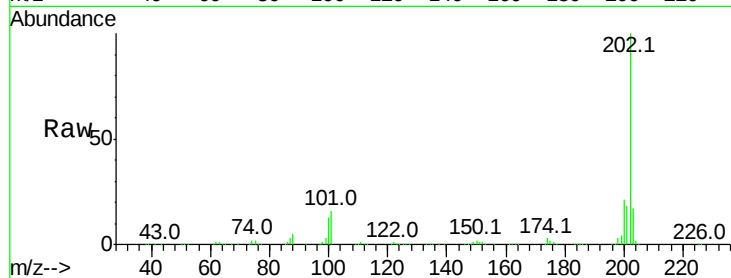
Tot Ion:202 Resp: 684682

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

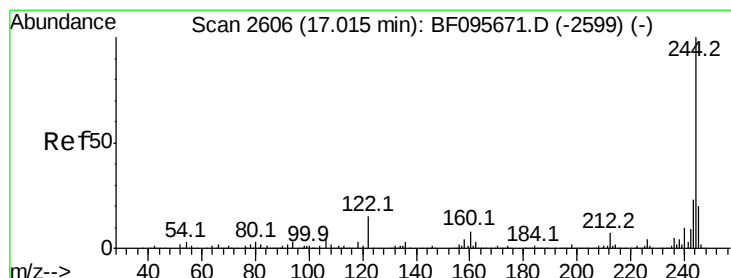
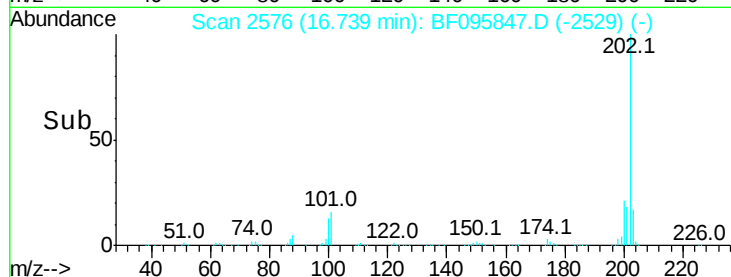
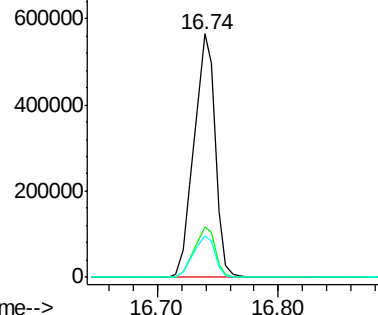
203 17.2 14.4 21.6



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: 78.48 ng

RT: 17.00 min Scan# 2620

Delta R.T. -0.02 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

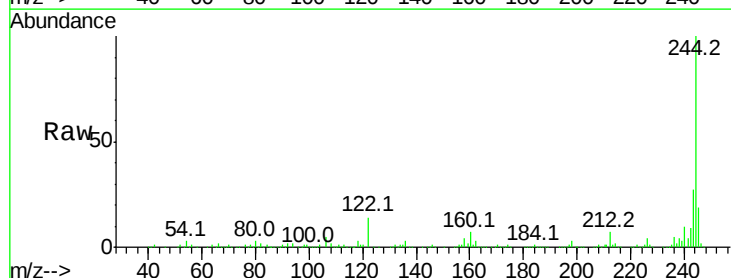
Tgt Ion:244 Resp: 730415

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

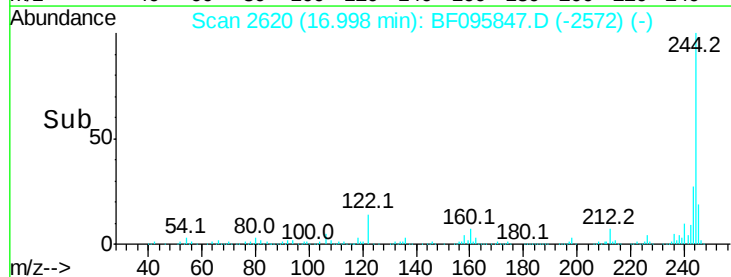
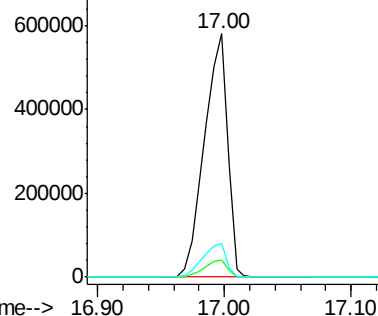
122 13.9 10.3 15.5

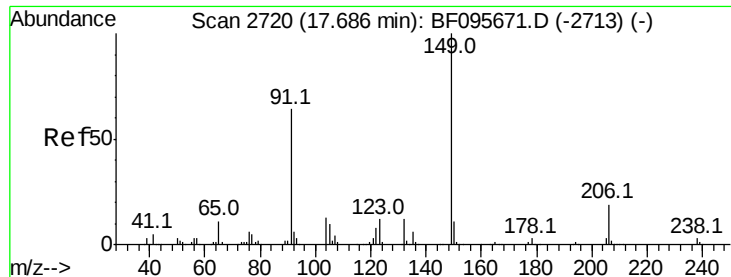


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

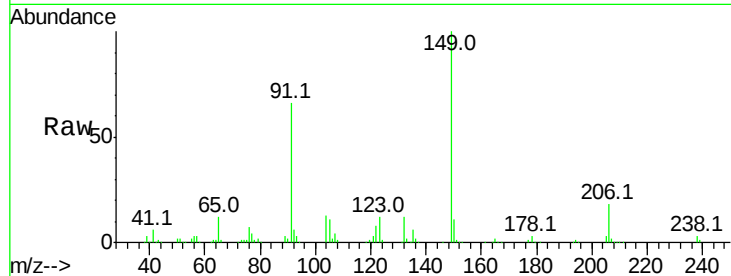




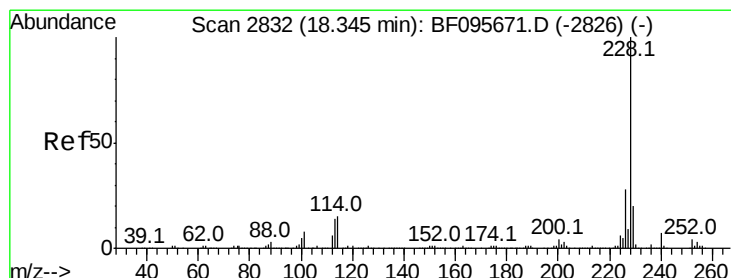
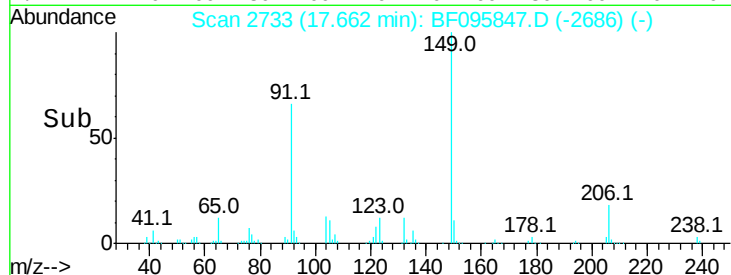
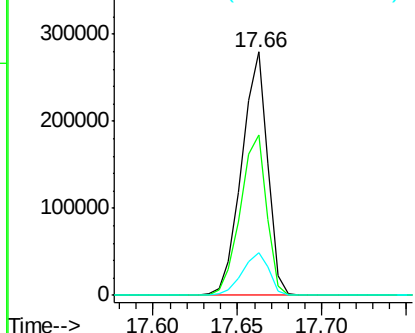
#79
Butylbenzylphthalate
Concen: 39.80 ng
RT: 17.66 min Scan# 2733
Delta R.T. -0.02 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 299541
Ion Ratio Lower Upper
149 100
91 66.0 45.0 67.4
206 17.7 17.0 25.6

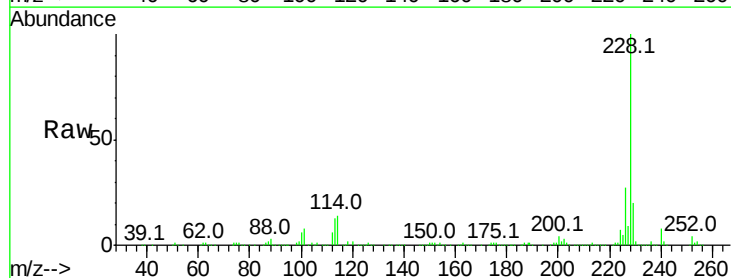


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

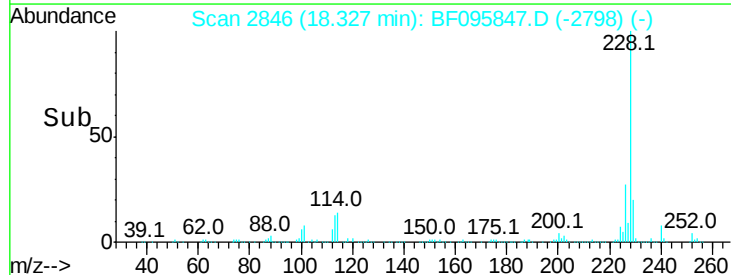
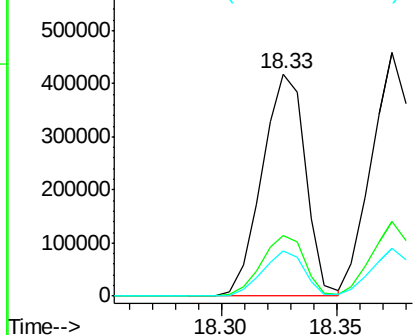


#80
Benzo(a)anthracene
Concen: 40.63 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Tgt Ion:228 Resp: 545562
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 20.4 16.3 24.5



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

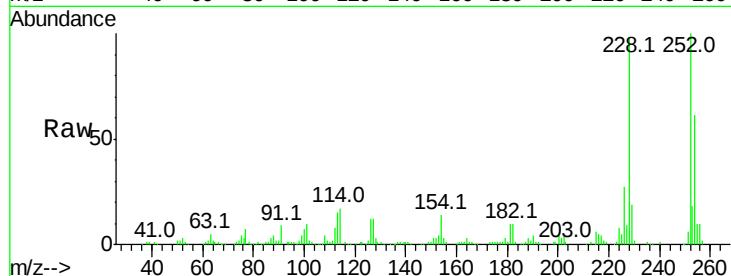




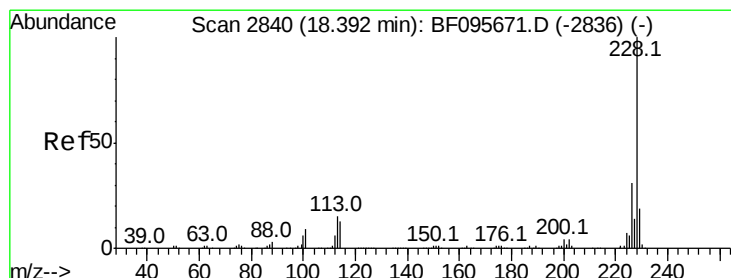
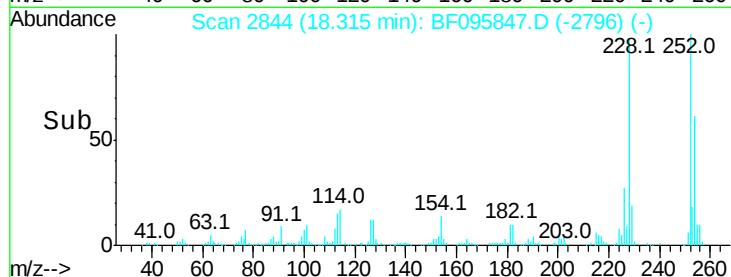
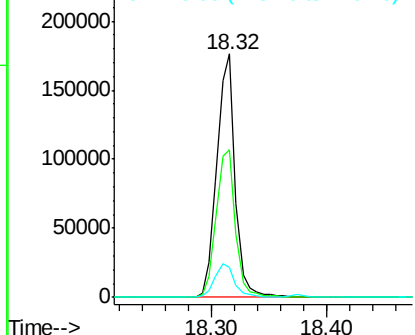
#81
 3,3'-Dichlorobenzidine
 Concen: 40.77 ng
 RT: 18.32 min Scan# 2844
 Delta R.T. -0.02 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 194648
 Ion Ratio Lower Upper
 252 100
 254 60.8 51.5 77.3
 126 12.5 15.8 23.8#

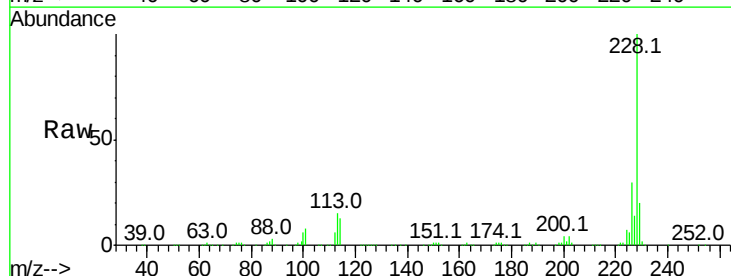


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

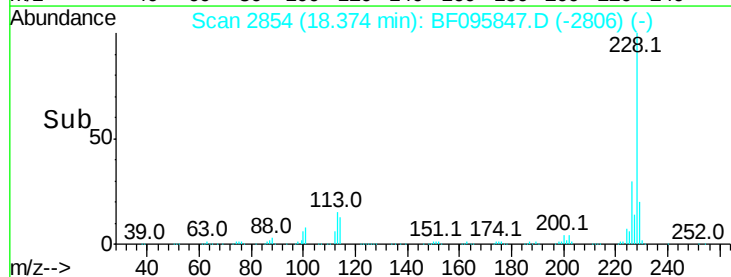
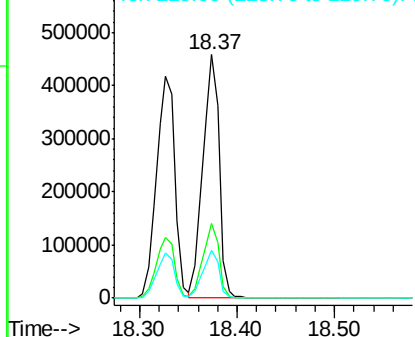


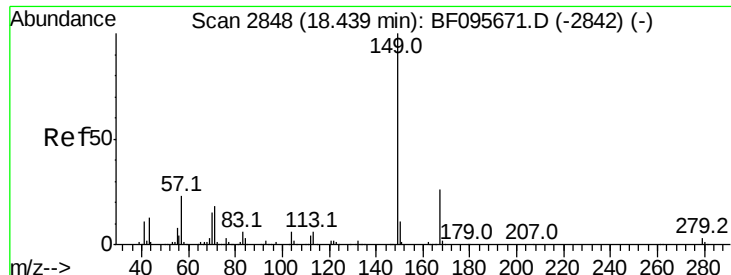
#82
 Chrysene
 Concen: 39.76 ng
 RT: 18.37 min Scan# 2854
 Delta R.T. -0.02 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Tgt Ion:228 Resp: 533550
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 19.9 15.8 23.6



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

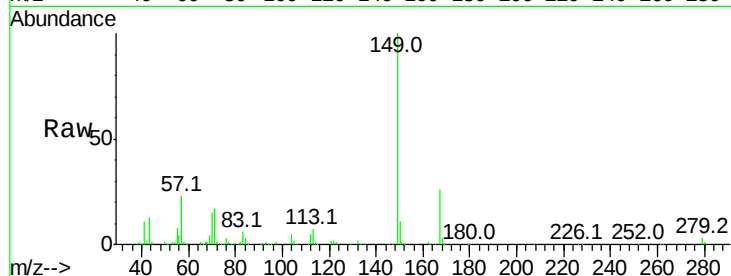




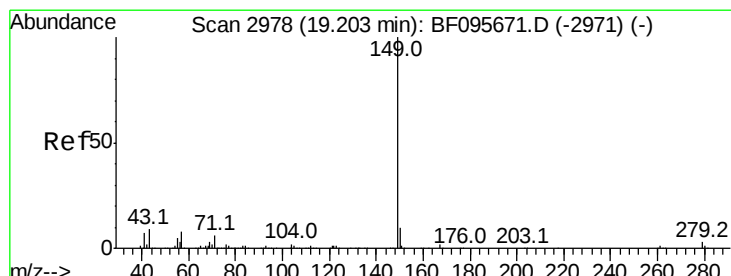
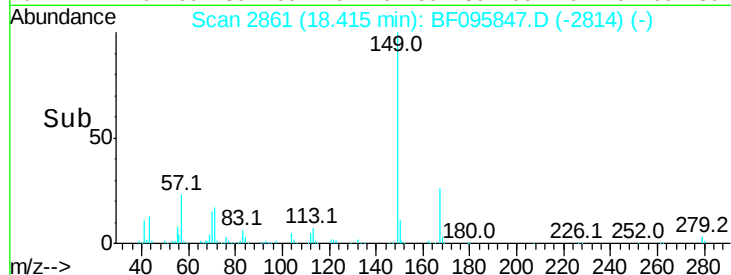
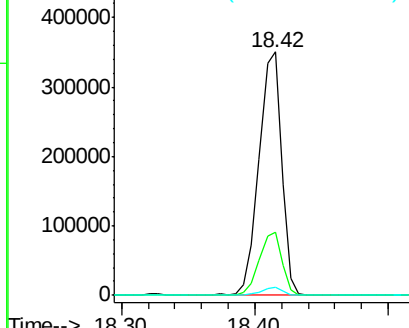
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.68 ng
 RT: 18.42 min Scan# 2861
 Delta R.T. -0.02 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 410680
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 3.3 1.9 2.9#

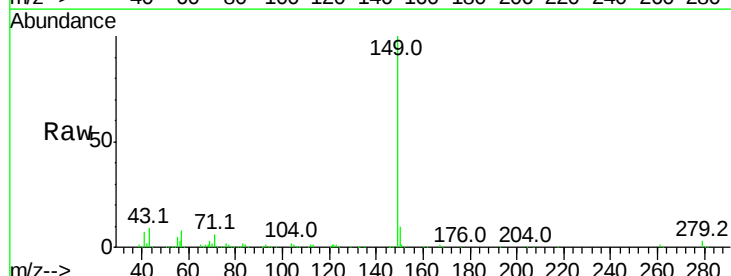


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

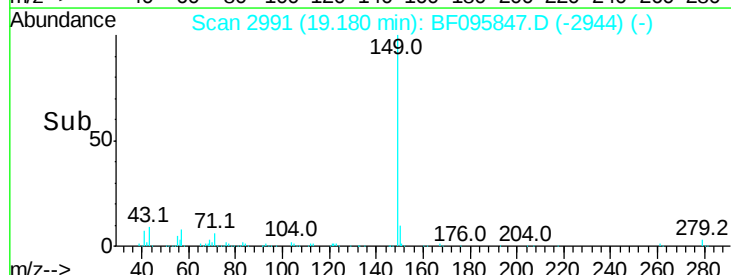
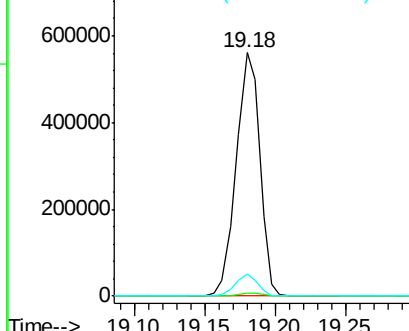


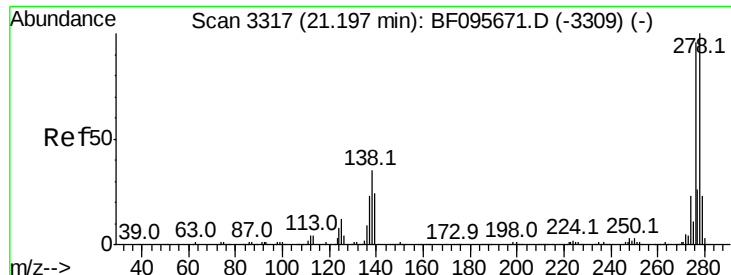
#84
 Di-n-octyl phthalate
 Concen: 37.46 ng
 RT: 19.18 min Scan# 2991
 Delta R.T. -0.02 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Tgt Ion:149 Resp: 655412
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 8.7 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

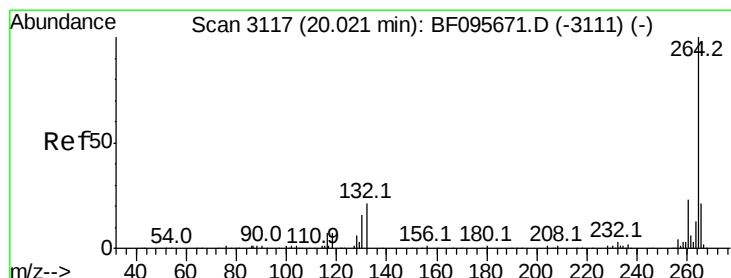
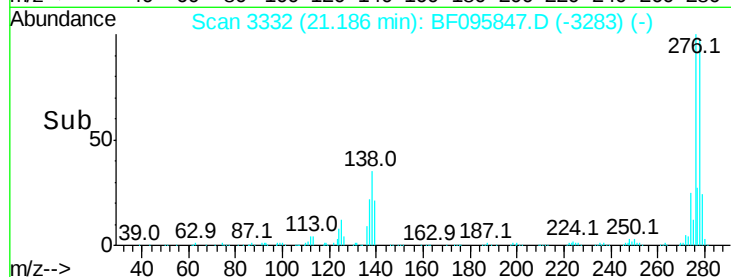
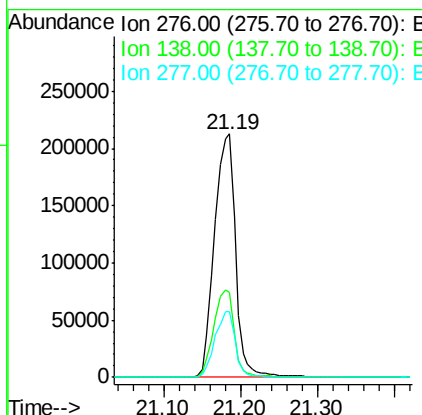
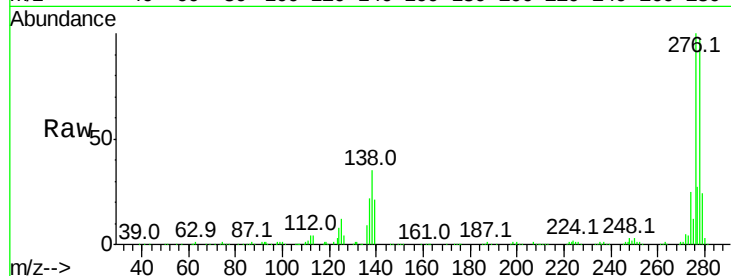




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.11 ng
 RT: 21.19 min Scan# 3332
 Delta R.T. -0.01 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

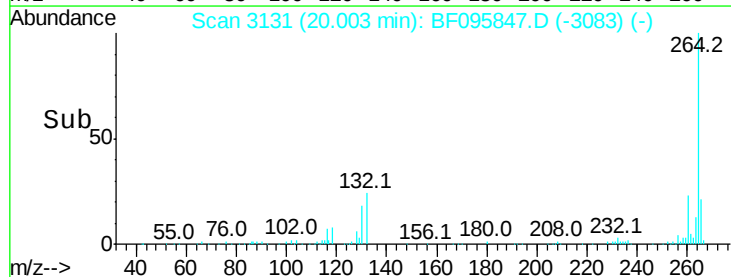
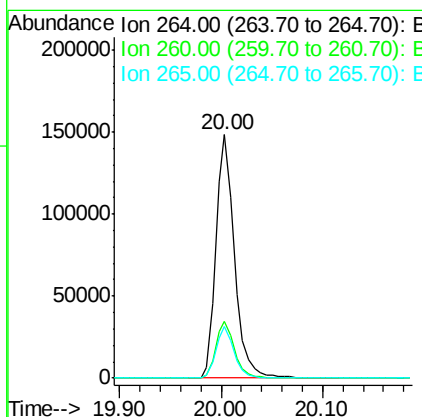
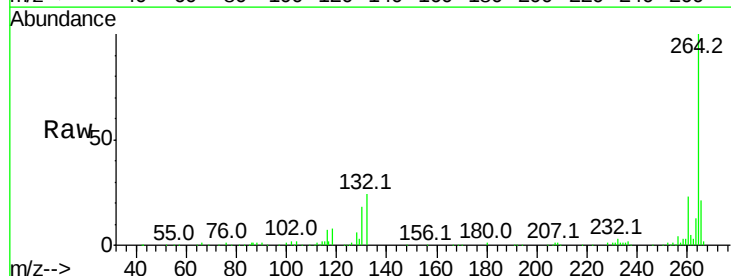
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	27.8	41.6
277	25.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3131
 Delta R.T. -0.02 min
 Lab File: BF095847.D
 Acq: 10 Jun 2017 14:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.23 ng

RT: 19.60 min Scan# 3063

Delta R.T. -0.01 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

Instrument :

BNA_F

ClientSampled :

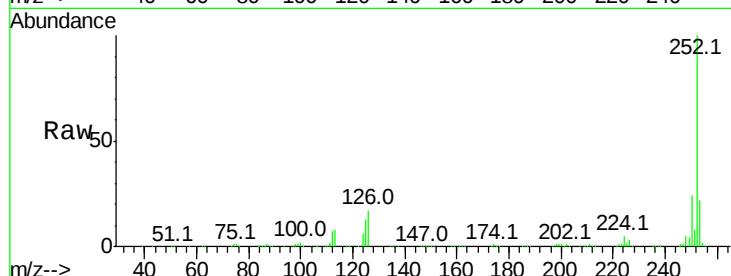
Tot Ion:252 Resp: 486977

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

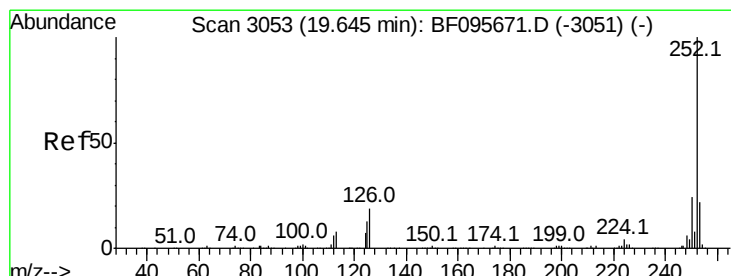
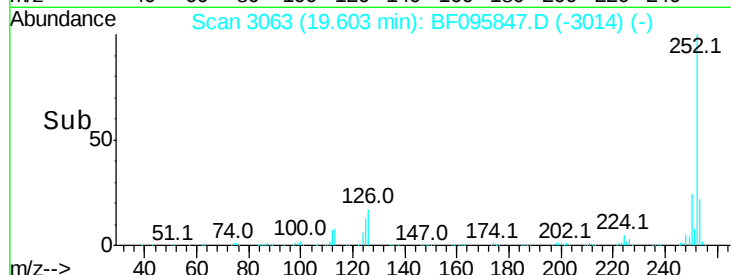
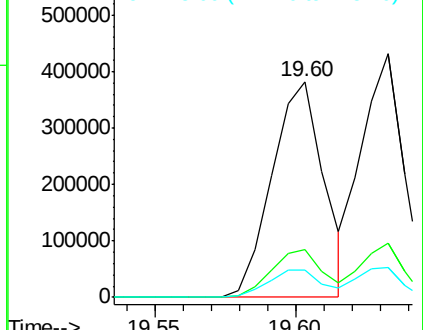
125 12.6 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.80 ng

RT: 19.63 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

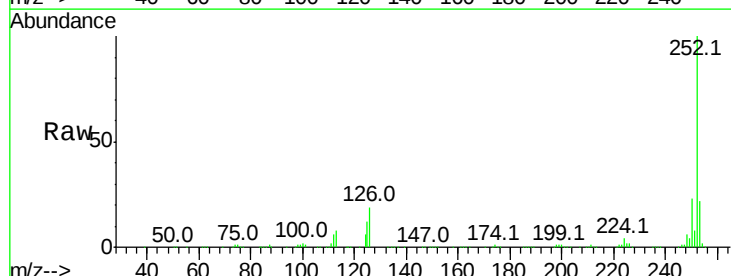
Tgt Ion:252 Resp: 460655

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

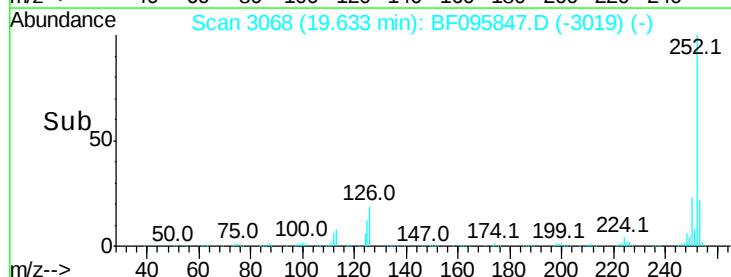
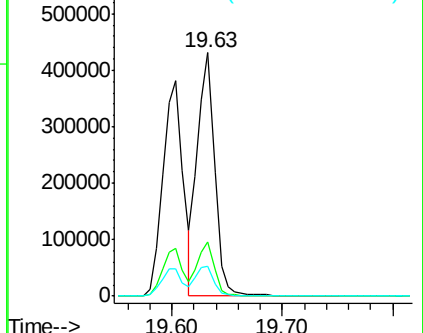
125 12.4 13.1 19.7#

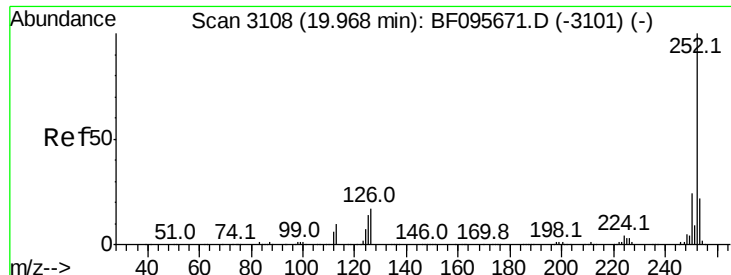


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

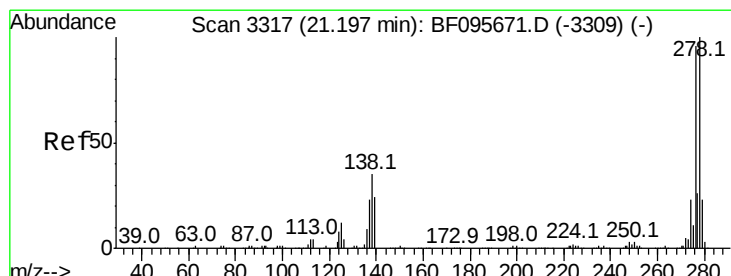
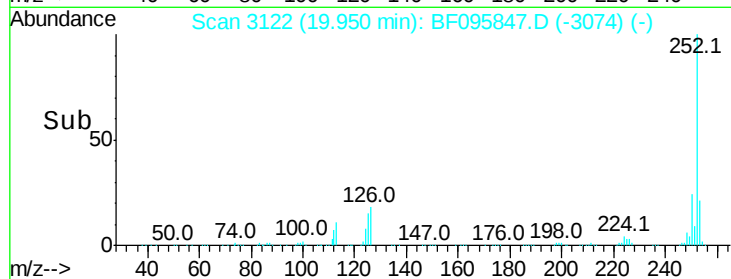
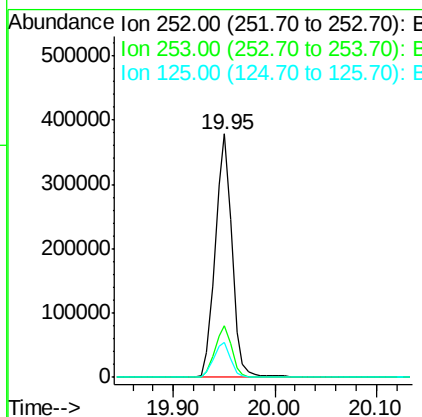
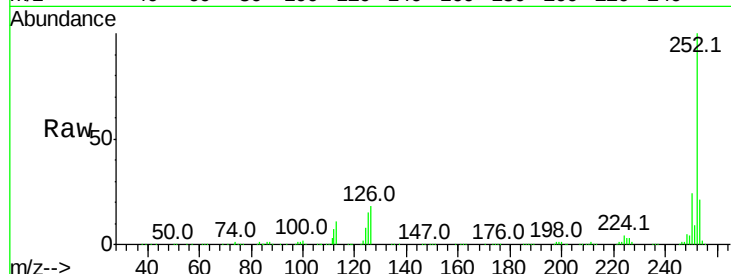




#89
Benzo(a)pyrene
Concen: 39.95 ng
RT: 19.95 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

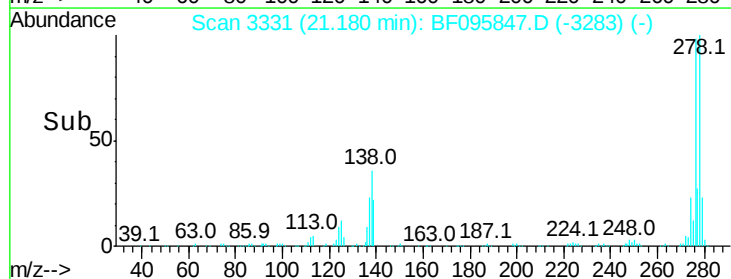
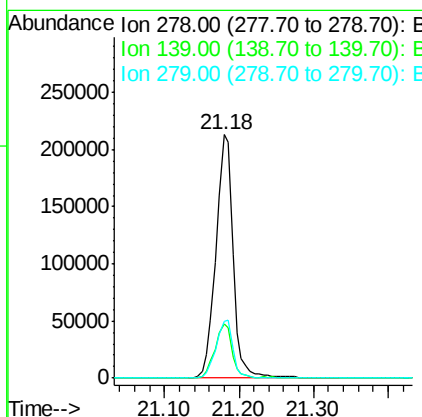
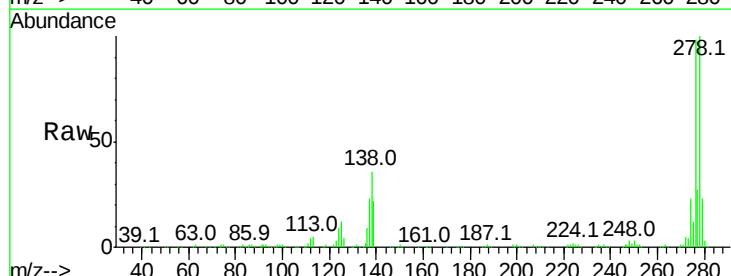
Instrument :
BNA_F
ClientSampleId :

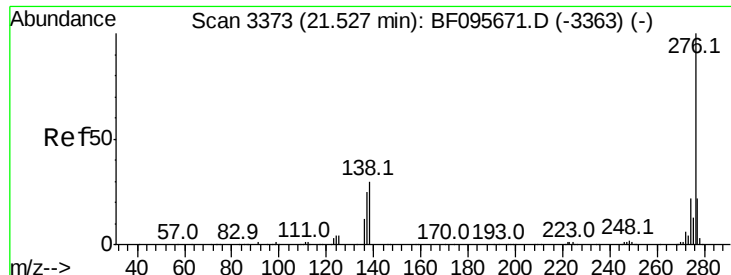
Tot Ion:252 Resp: 433731
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 14.5 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 36.99 ng
RT: 21.18 min Scan# 3331
Delta R.T. -0.02 min
Lab File: BF095847.D
Acq: 10 Jun 2017 14:08

Tgt Ion:278 Resp: 340692
Ion Ratio Lower Upper
278 100
139 22.1 16.6 24.8
279 23.1 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 36.79 ng

RT: 21.51 min Scan# 3387

Delta R.T. -0.02 min

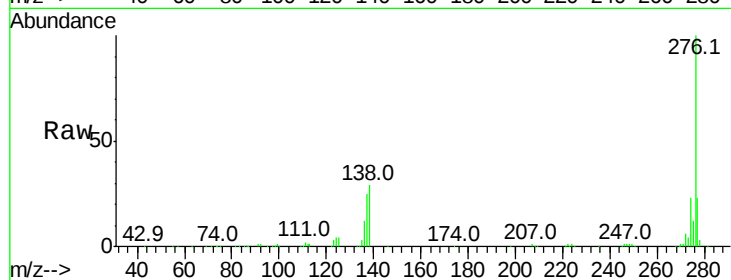
Lab File: BF095847.D

Acq: 10 Jun 2017 14:08

Instrument :

BNA_F

ClientSampleId :



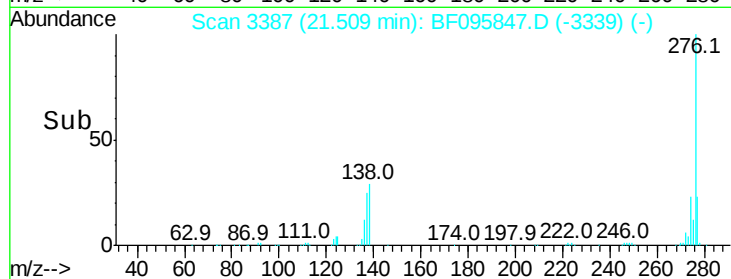
Tot Ion: 276 Resp: 345366

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 28.9 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

