

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099047.D
 Acq On : 3 Oct 2017 23:07
 Operator : SJ/JU
 Sample : I5601-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 00:41:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	134926	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	500210	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	177873	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	260422	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	262932	20.00	ng	-0.05
86) Perylene-d12	15.52	264	277681	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1085251	128.04	ng	-0.04
7) Phenol-d6	6.51	99	1283763	122.78	ng	-0.04
23) Nitrobenzene-d5	7.45	82	741125	95.02	ng	-0.04
41) 2,4,6-Tribromophenol	10.70	330	171846	118.07	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	1135518	106.57	ng	-0.05
78) Terphenyl-d14	12.98	244	826527	71.49	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	156231	38.59	ng	96
3) Pyridine	3.49	79	439055	40.09	ng	97
4) n-Nitrosodimethylamine	3.45	42	196817	42.38	ng	87
6) Aniline	6.55	93	404165	28.64	ng	98
8) 2-Chlorophenol	6.66	128	389797	40.61	ng	98
9) Benzaldehyde	6.43	77	195695	32.27	ng	96
10) Phenol	6.52	94	516852	44.20	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	390035	42.90	ng	97
12) 1,3-Dichlorobenzene	6.82	146	426897	42.47	ng	99
13) 1,4-Dichlorobenzene	6.89	146	432509	42.29	ng	100
14) 1,2-Dichlorobenzene	7.05	146	395250	41.82	ng	96
15) Benzyl Alcohol	7.02	79	321218	41.88	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	574701	40.58	ng	97
17) 2-Methylphenol	7.13	107	321179	40.90	ng	98
18) Hexachloroethane	7.39	117	146416	39.83	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	253662	38.00	ng	94
20) 3+4-Methylphenols	7.28	107	377755	38.02	ng	# 83
22) Acetophenone	7.29	105	514842	42.48	ng	# 99
24) Nitrobenzene	7.46	77	384390	43.44	ng	95
25) Isophorone	7.70	82	693474	43.00	ng	99
26) 2-Nitrophenol	7.77	139	202847	47.67	ng	92
27) 2,4-Dimethylphenol	7.81	122	342455	42.62	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	450636	44.84	ng	100
29) 2,4-Dichlorophenol	8.02	162	291490	42.25	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	304801	44.17	ng	99
31) Naphthalene	8.18	128	1018598	43.36	ng	99
32) Benzoic acid	7.91	122	116713	17.68	ng	97
33) 4-Chloroaniline	8.23	127	100578	10.25	ng	95
34) Hexachlorobutadiene	8.29	225	154073	43.35	ng	98
35) Caprolactam	8.59	113	54474	24.62	ng	94
36) 4-Chloro-3-methylphenol	8.71	107	281728	36.33	ng	95
37) 2-Methylnaphthalene	8.87	142	651657	42.67	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	249602	47.05	ng	99
40) Hexachlorocyclopentadiene	9.02	237	113734	46.92	ng	99

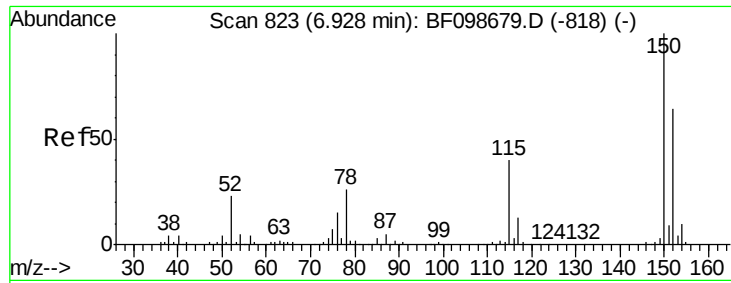
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	167262	44.51	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	168452	44.90	nq	97
45) 1,1'-Biphenyl	9.33	154	713179	46.65	nq	99
46) 2-Chloronaphthalene	9.36	162	540789	47.12	nq	97
47) 2-Nitroaniline	9.46	65	154090	43.84	nq	89
48) Acenaphthylene	9.77	152	784271	44.64	nq	100
49) Dimethylphthalate	9.63	163	809994	60.34	nq	100
50) 2,6-Dinitrotoluene	9.70	165	131802	45.10	nq	# 86
51) Acenaphthene	9.95	154	452834	40.69	nq	100
52) 3-Nitroaniline	9.86	138	83869	24.61	nq	94
53) 2,4-Dinitrophenol	9.97	184	57452	40.83	nq	89
54) Dibenzofuran	10.12	168	670542	45.25	nq	98
55) 4-Nitrophenol	10.02	139	202339	70.22	nq	94
56) 2,4-Dinitrotoluene	10.10	165	158376	41.75	nq	97
57) Fluorene	10.46	166	490071	41.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	110404	42.60	nq	98
59) Diethylphthalate	10.33	149	558254	42.56	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	229305	42.86	nq	97
61) 4-Nitroaniline	10.47	138	120695	36.71	nq	92
62) Azobenzene	10.61	77	503178	41.72	nq	97
64) 4,6-Dinitro-2-methylphenol	10.51	198	46230	29.18	nq	77
65) n-Nitrosodiphenylamine	10.57	169	440310	48.81	nq	98
66) 4-Bromophenyl-phenylether	10.94	248	121002	47.47	nq	100
67) Hexachlorobenzene	11.01	284	117192	43.04	nq	93
68) Atrazine	11.09	200	128262	47.25	nq	99
69) Pentachlorophenol	11.20	266	123785	73.06	nq	99
70) Phenanthrene	11.42	178	645756	46.33	nq	99
71) Anthracene	11.47	178	663818	46.54	nq	100
72) Carbazole	11.63	167	627039	44.89	nq	100
73) Di-n-butylphthalate	11.95	149	759280	45.16	nq	99
74) Fluoranthene	12.61	202	709789	50.28	nq	99
76) Benzidine	12.73	184	459905	47.29	nq	97
77) Pyrene	12.84	202	745286	37.17	nq	99
79) Butylbenzylphthalate	13.45	149	366137	38.86	nq	98
80) Benzo(a)anthracene	14.03	228	708716	44.51	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	216410	37.08	nq	97
82) Chrysene	14.07	228	676655	44.64	nq	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	528170	40.71	nq	# 98
84) Di-n-octyl phthalate	14.62	149	987853	47.28	nq	97
85) Indeno(1,2,3-cd)pyrene	17.00	276	646612	53.33	nq	96
87) Benzo(b)fluoranthene	15.09	252	739384	43.31	nq	97
88) Benzo(k)fluoranthene	15.12	252	698045	41.40	nq	99
89) Benzo(a)pyrene	15.46	252	700354	44.69	nq	# 97
90) Dibenzo(a,h)anthracene	17.02	278	545649	43.51	nq	97
91) Benzo(g,h,i)perylene	17.46	276	504849	40.72	nq	97

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

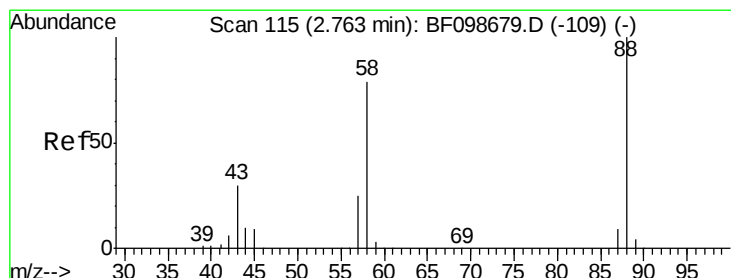
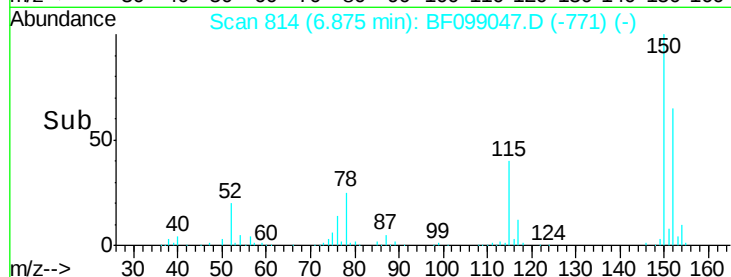
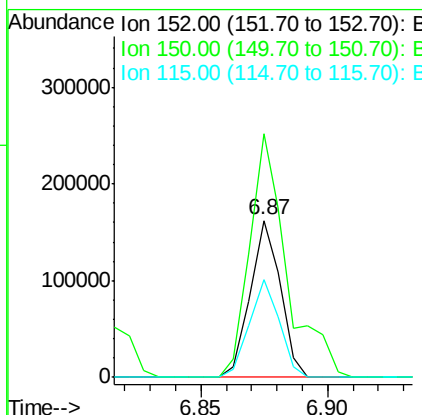
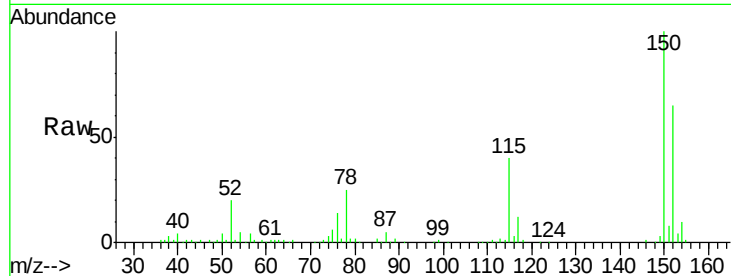


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Instrument :
BNA_F
ClientSampleId :

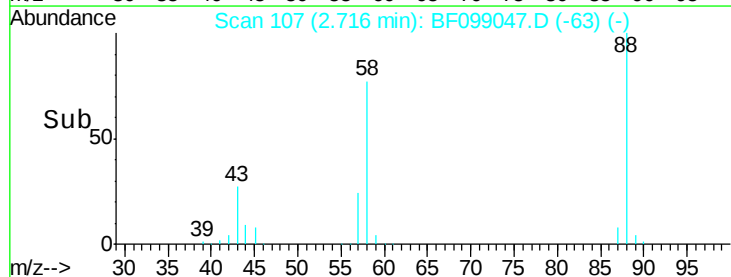
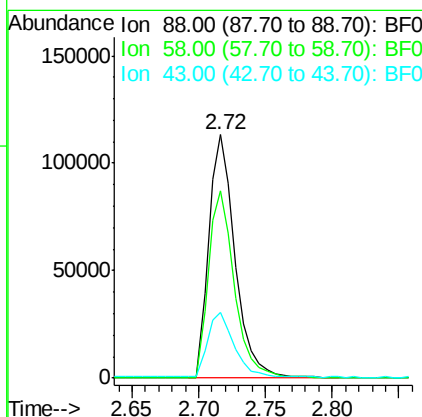
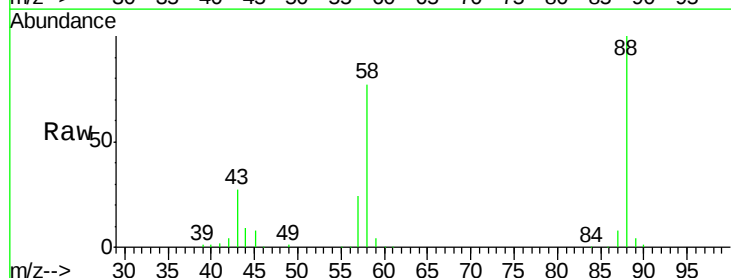
Tot Ion:152 Resp: 134926
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 62.5 50.1 75.1

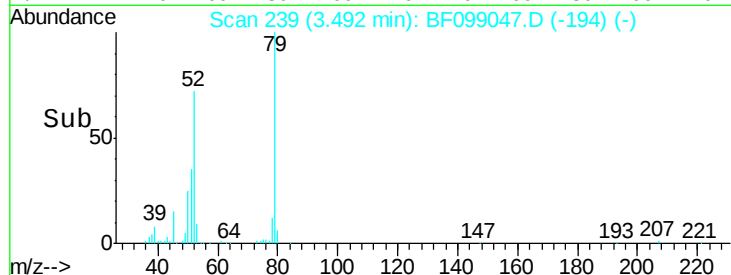
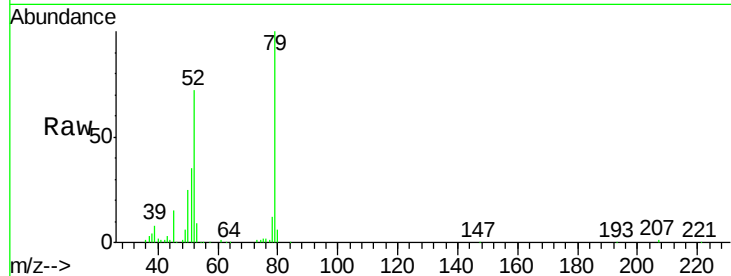
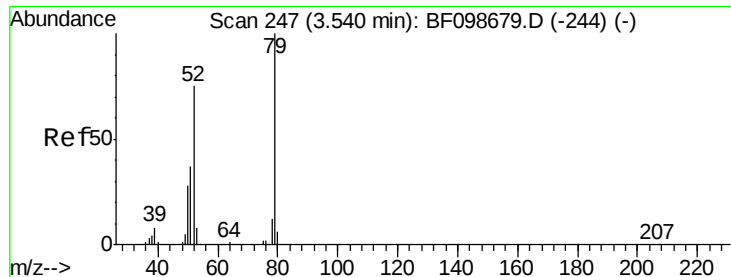


#2

1,4-Dioxane
Concen: 38.59 ng
RT: 2.72 min Scan# 107
Delta R.T. -0.04 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Tgt Ion: 88 Resp: 156231
Ion Ratio Lower Upper
88 100
58 76.2 62.6 93.8
43 26.8 24.6 37.0

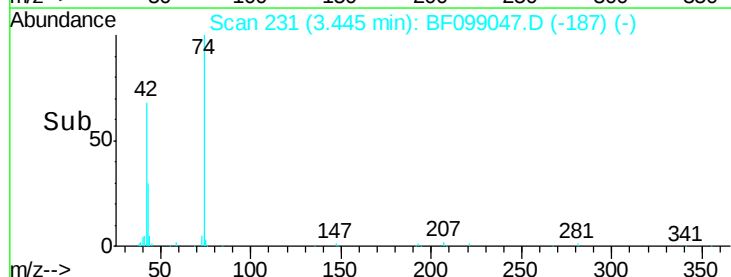
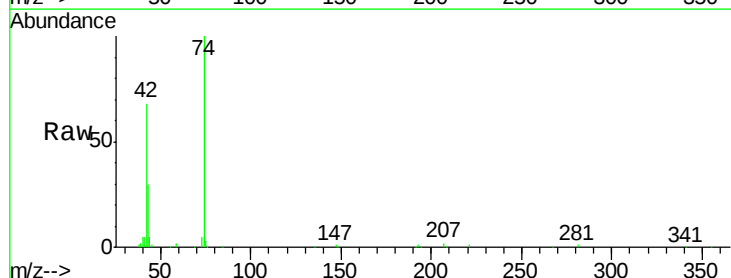
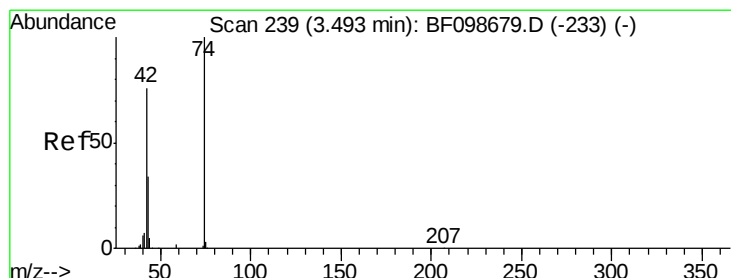
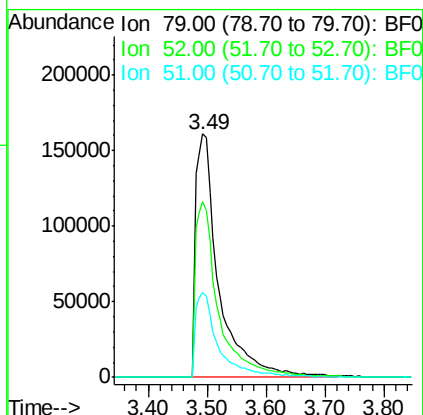




#3
 Pvridine
 Concen: 40.09 ng
 RT: 3.49 min Scan# 239
 Delta R.T. -0.04 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

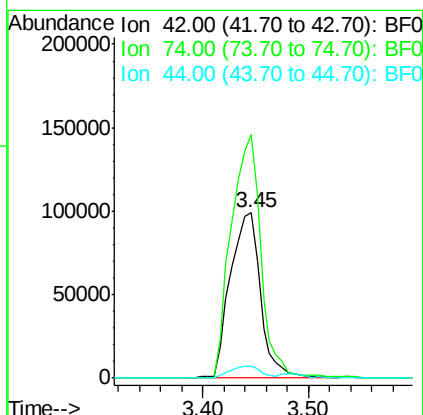
Instrument :
 BNA_F
 ClientSampleId :

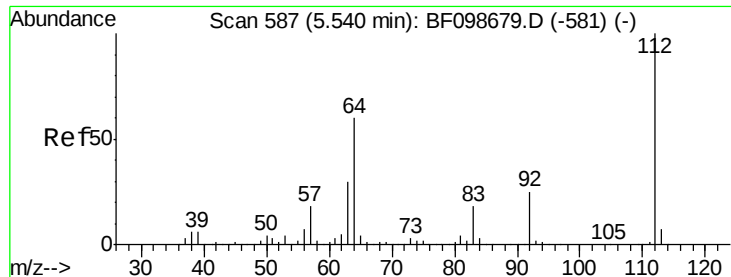
Tot Ion	Ratio	Lower	Upper
79	100		
52	72.3	59.8	89.6
51	34.7	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 42.38 ng
 RT: 3.45 min Scan# 231
 Delta R.T. -0.04 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.2	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 128.04 ng

RT: 5.50 min Scan# 581

Delta R.T. -0.04 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

Instrument :
BNA_F
ClientSampled :

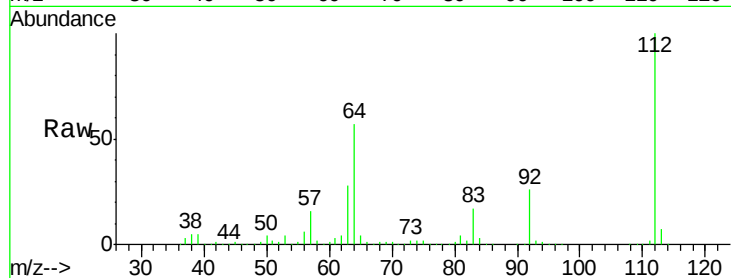
Tot Ion: 112 Resp: 1085251

Ion Ratio Lower Upper

112 100

64 56.8 47.9 71.9

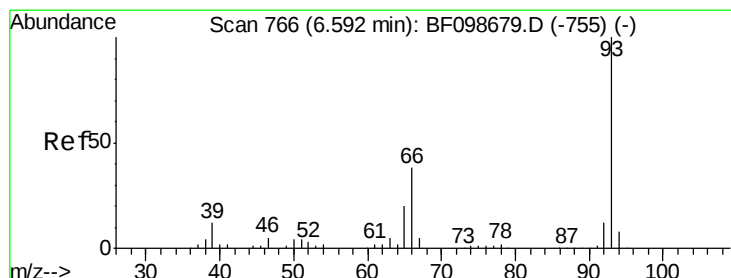
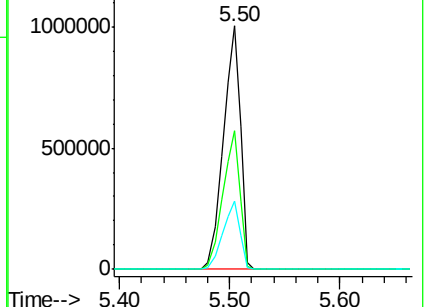
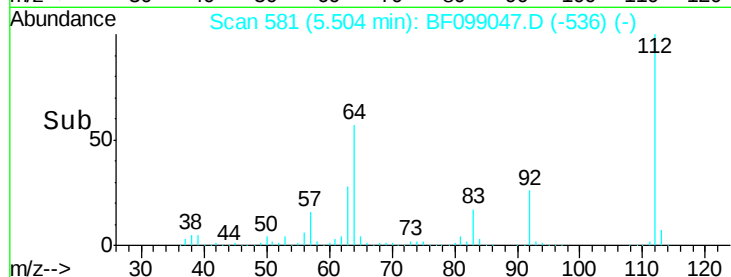
63 27.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.64 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.04 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

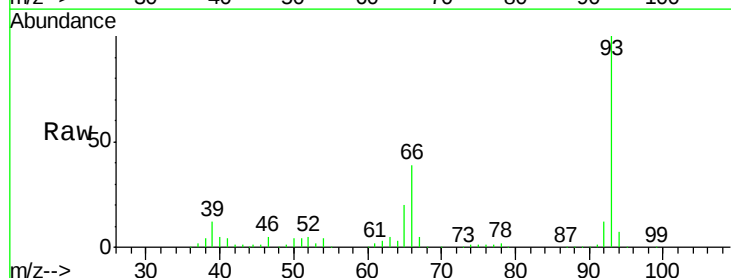
Tgt Ion: 93 Resp: 404165

Ion Ratio Lower Upper

93 100

66 38.7 32.2 48.2

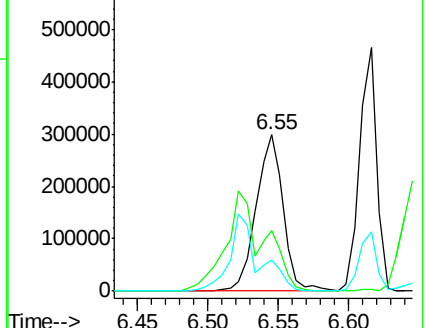
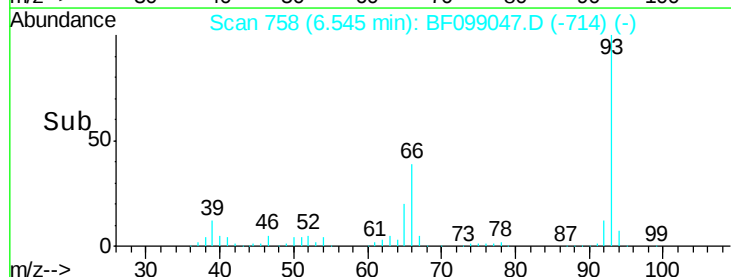
65 19.7 16.4 24.6

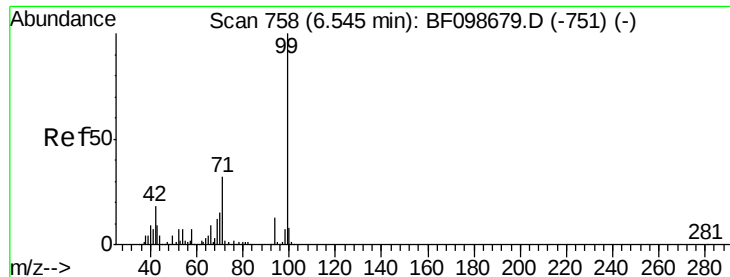


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.78 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.04 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

Instrument :

BNA_F

ClientSampleId :

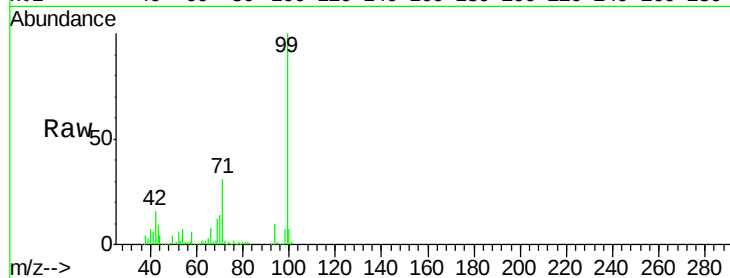
Tot Ion: 99 Resp: 1283763

Ion Ratio Lower Upper

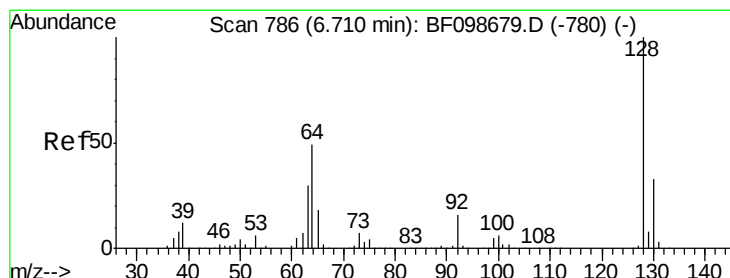
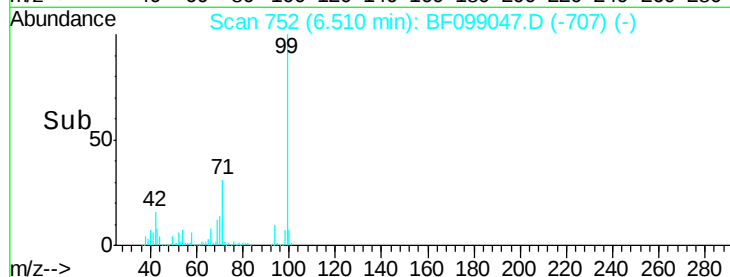
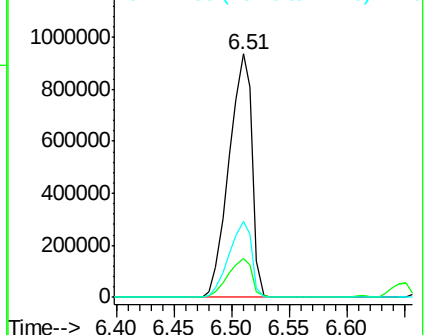
99 100

42 16.2 14.5 21.7

71 31.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.61 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

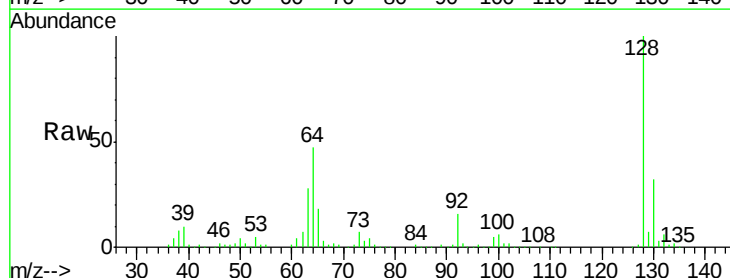
Tgt Ion: 128 Resp: 389797

Ion Ratio Lower Upper

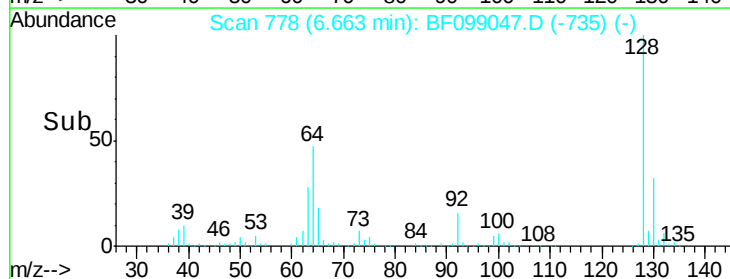
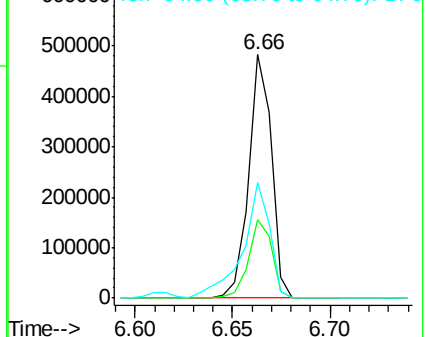
128 100

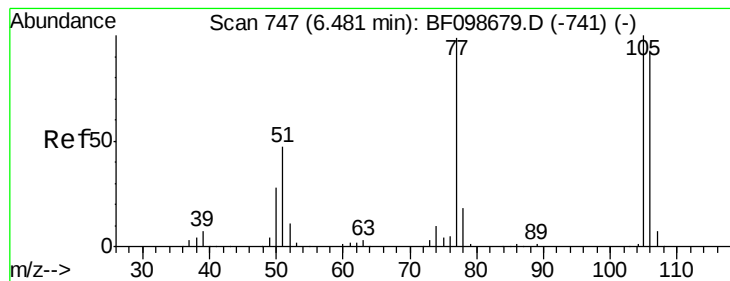
130 32.2 13.0 53.0

64 47.4 29.4 69.4



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: 32.27 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

Instrument :

BNA_F

ClientSampleId :

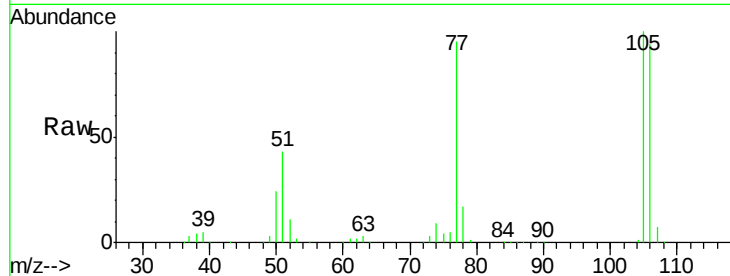
Tot Ion: 77 Resp: 195695

Ion Ratio Lower Upper

77 100

105 105.1 81.1 121.1

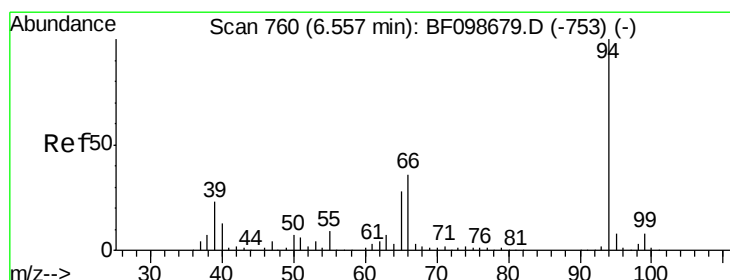
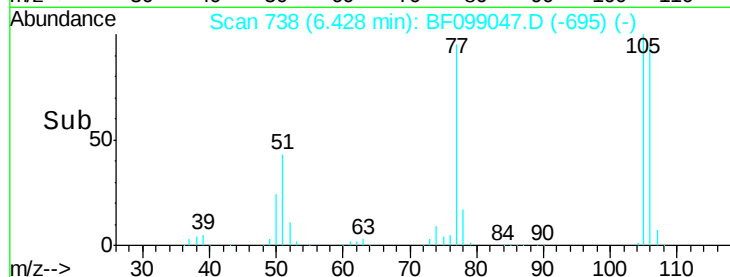
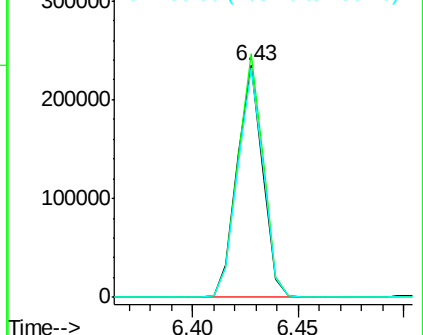
106 98.9 74.5 114.5



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: 44.20 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.04 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

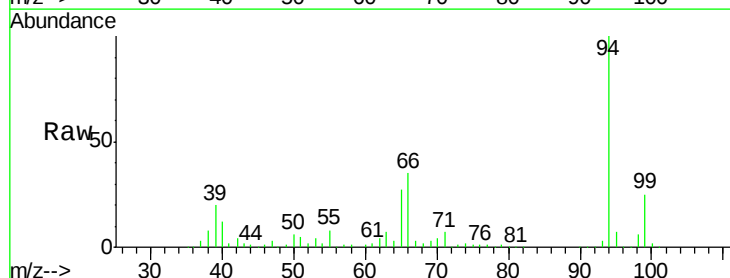
Tgt Ion: 94 Resp: 516852

Ion Ratio Lower Upper

94 100

65 27.4 7.9 47.9

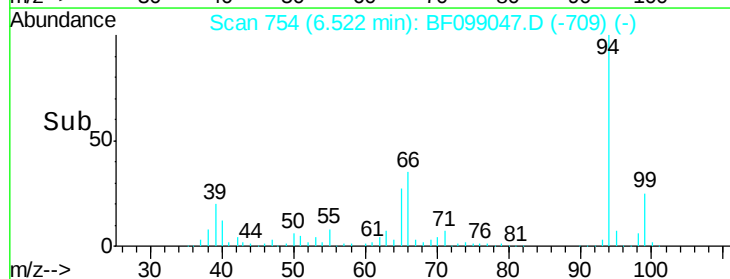
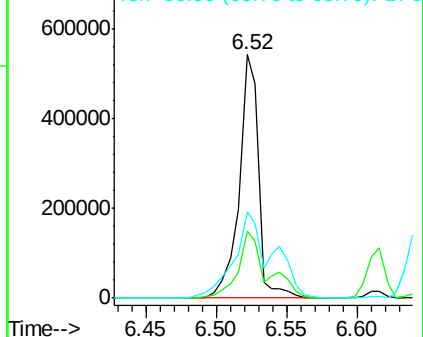
66 35.2 16.2 56.2

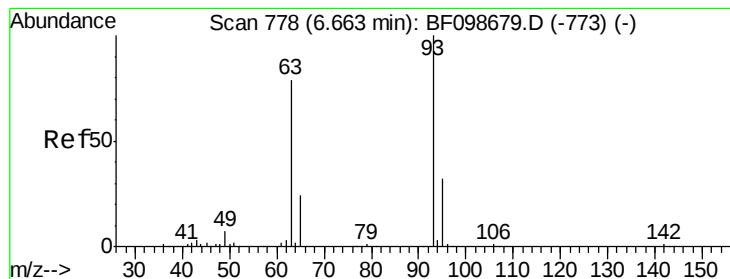


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.90 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.04 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

Instrument :

BNA_F

ClientSampleId :

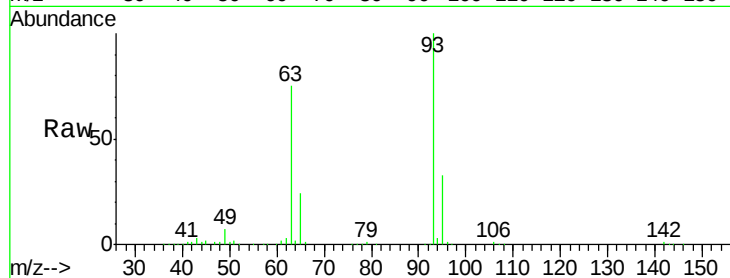
Tot Ion: 93 Resp: 390035

Ion Ratio Lower Upper

93 100

63 75.3 58.6 98.6

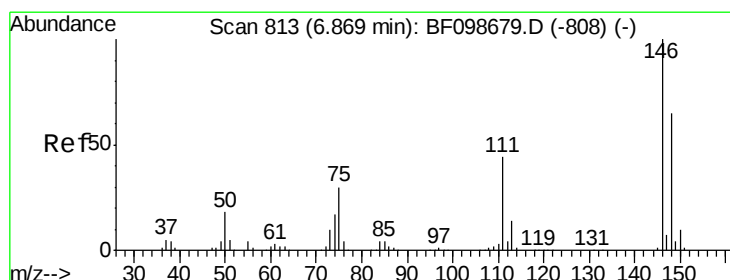
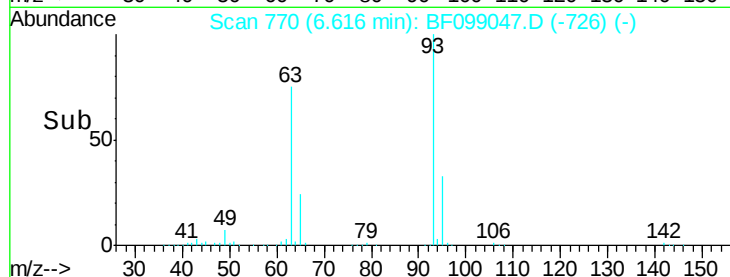
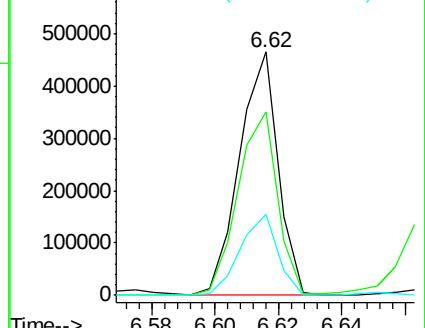
95 33.0 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.47 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

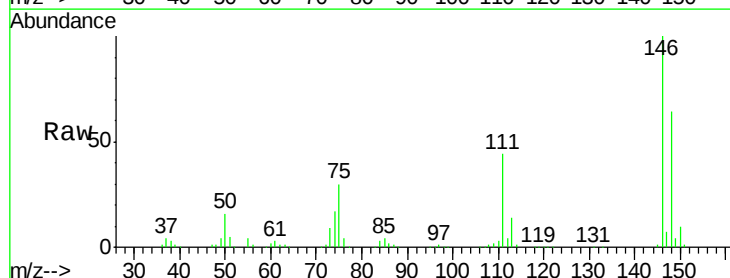
Tgt Ion: 146 Resp: 426897

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

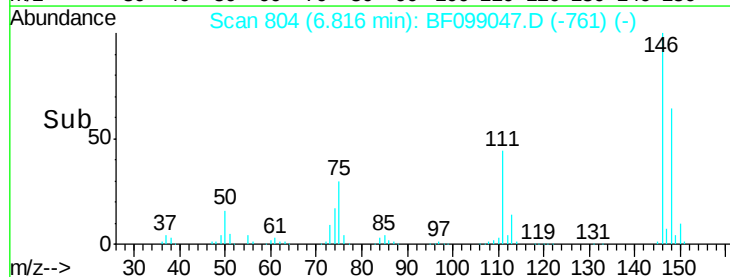
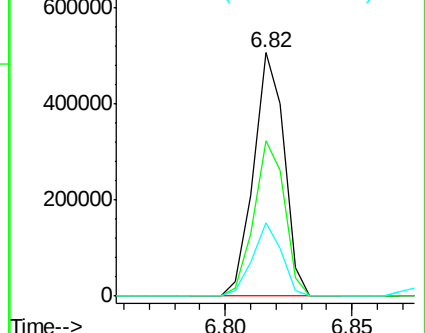
75 29.9 24.2 36.4

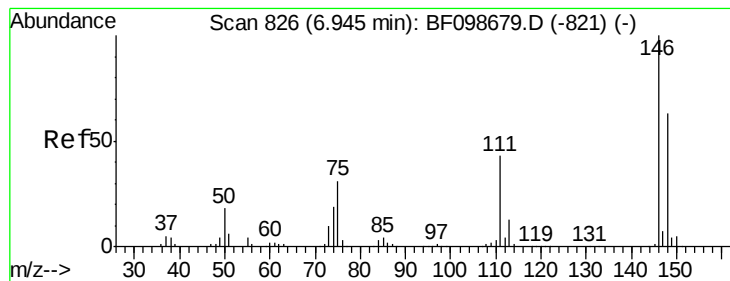


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.29 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

Instrument :

BNA_F

ClientSampleId :

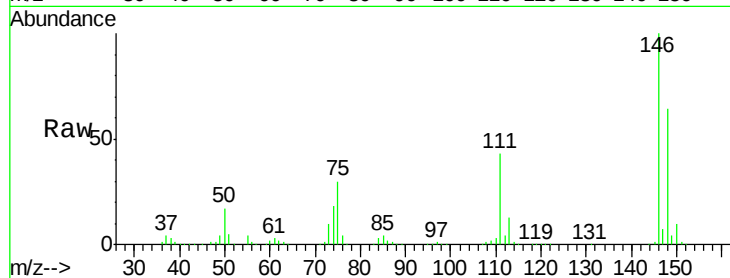
Tot Ion:146 Resp: 432509

Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

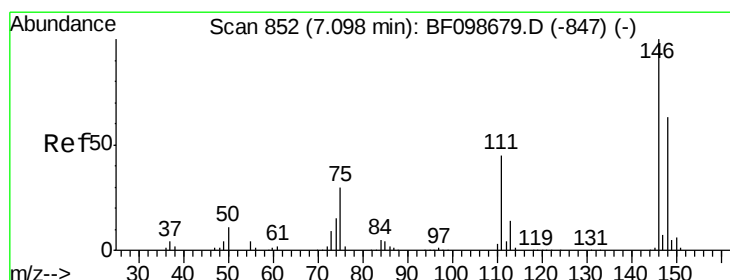
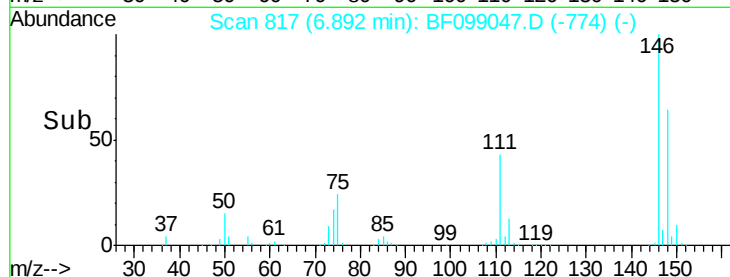
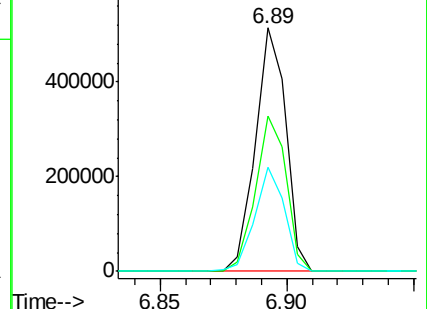
111 42.5 34.2 51.2



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: 41.82 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.04 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

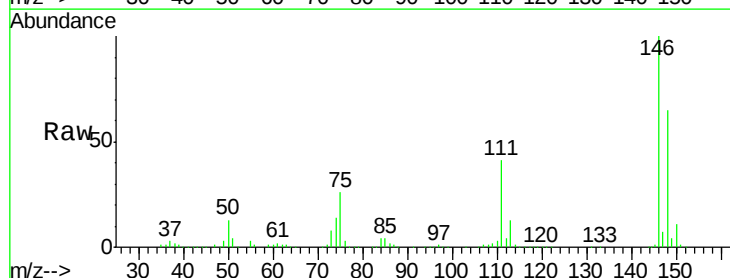
Tgt Ion:146 Resp: 395250

Ion Ratio Lower Upper

146 100

148 65.3 50.6 75.8

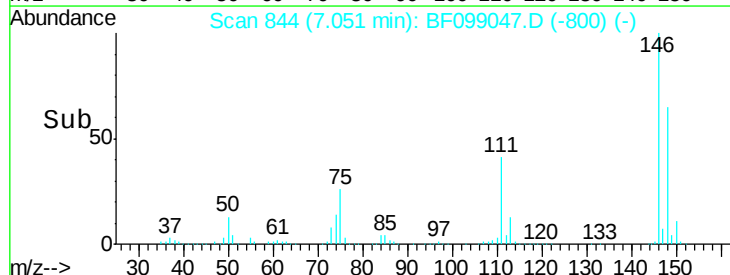
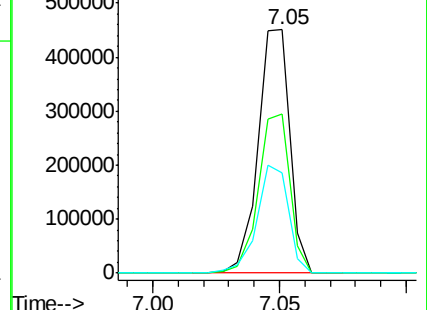
111 41.4 36.0 54.0

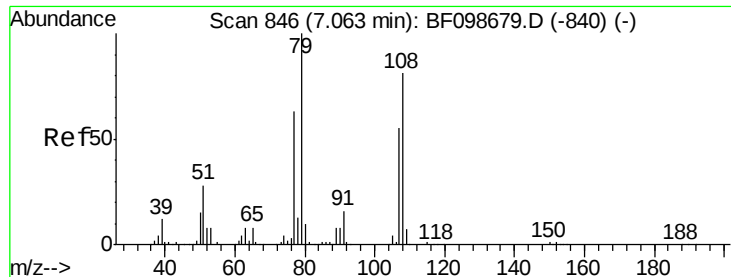


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.88 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

Instrument :

BNA_F

ClientSampled :

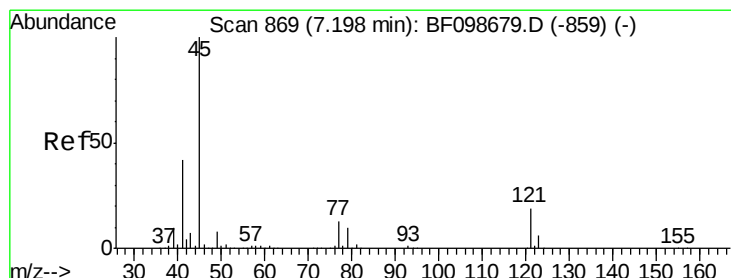
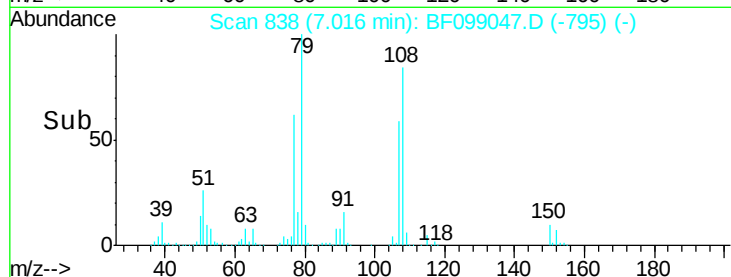
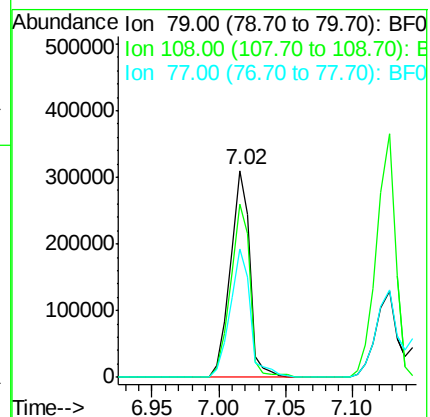
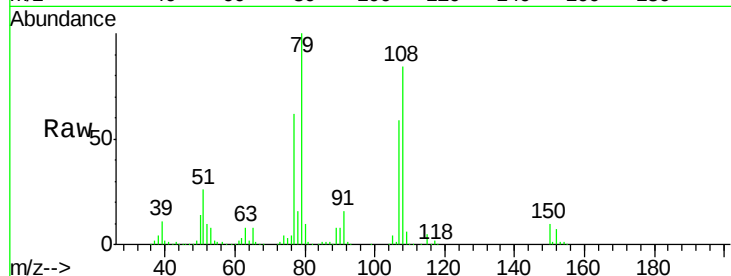
Tot Ion: 79 Resp: 321218

Ion Ratio Lower Upper

79 100

108 83.7 65.1 97.7

77 62.0 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.58 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.04 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

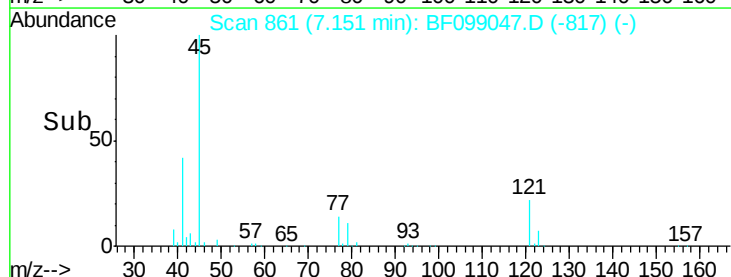
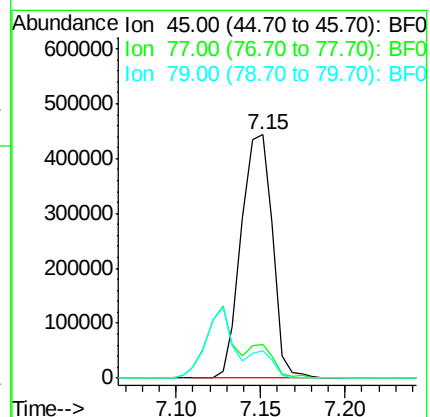
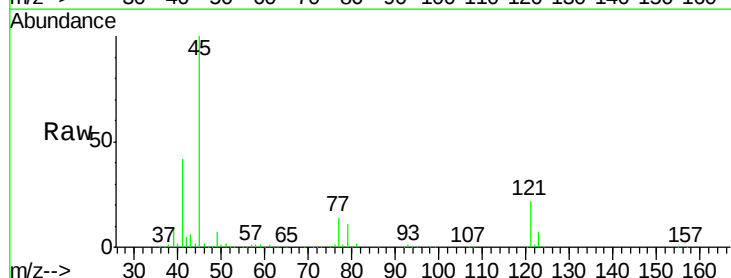
Tgt Ion: 45 Resp: 574701

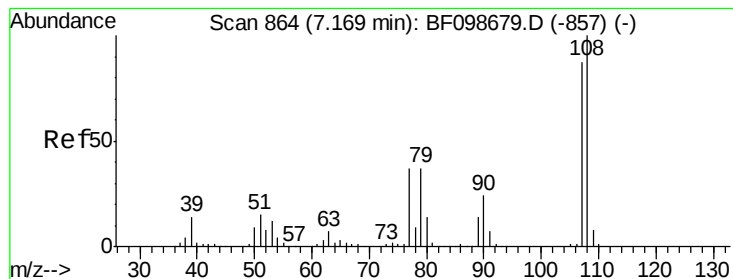
Ion Ratio Lower Upper

45 100

77 14.0 0.0 32.9

79 11.0 0.0 29.6

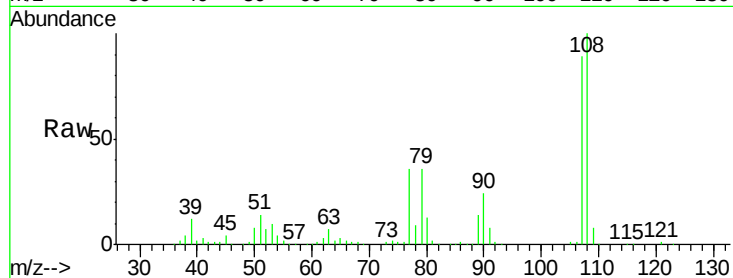




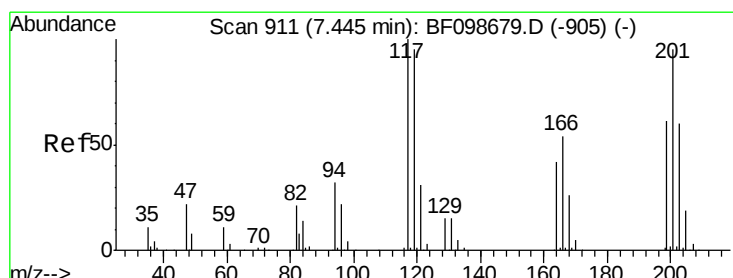
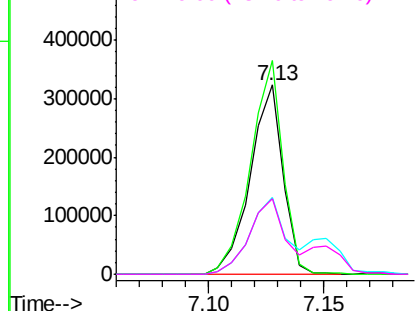
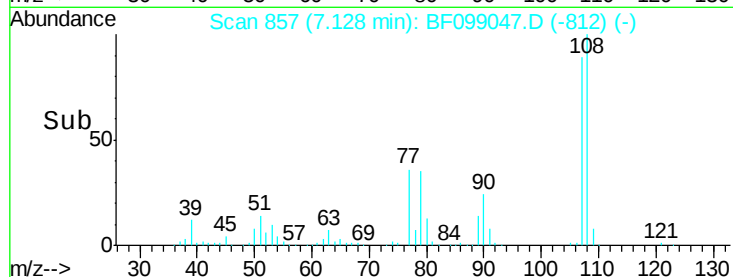
#17
2-Methylphenol
Concen: 40.90 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 321179
Ion Ratio Lower Upper
107 100
108 113.0 91.7 137.5
77 40.8 33.8 50.8
79 40.1 33.8 50.8

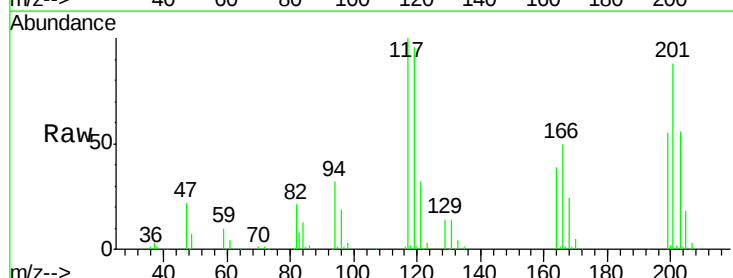


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

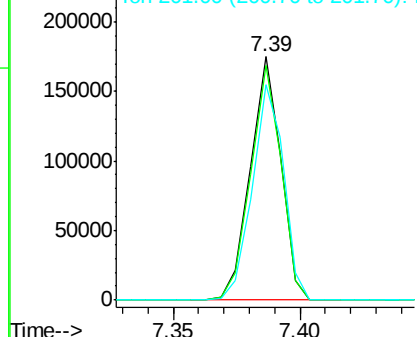
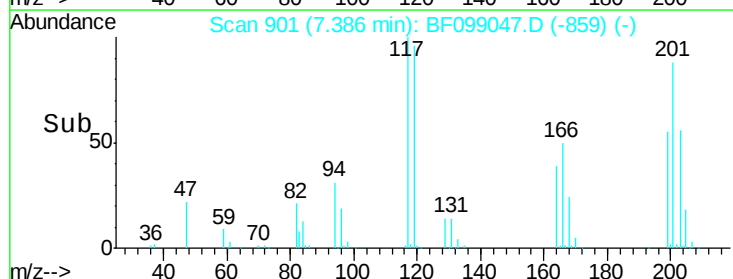


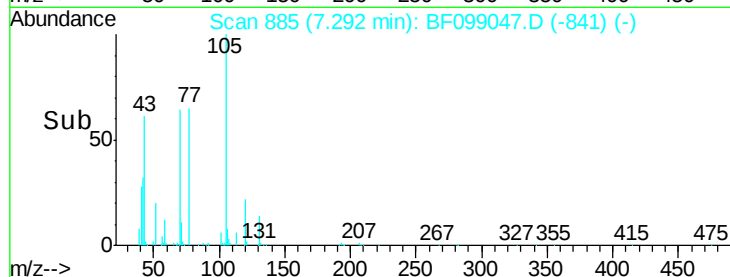
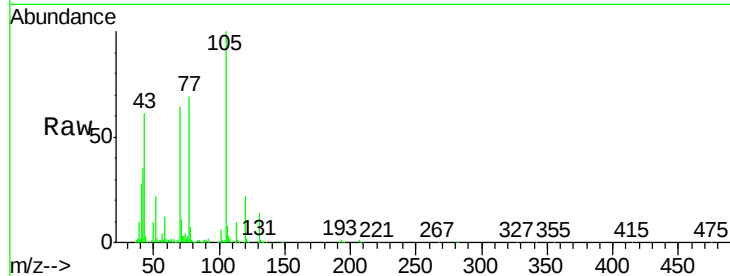
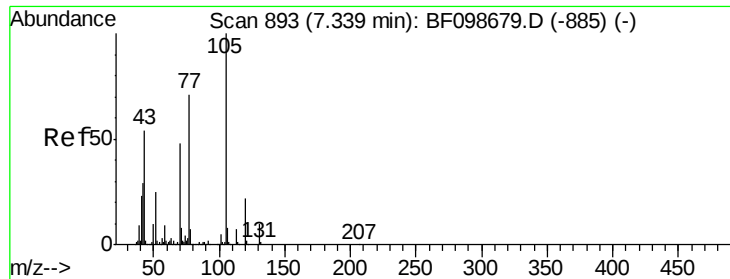
#18
Hexachloroethane
Concen: 39.83 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Tgt Ion:117 Resp: 146416
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.8
201 88.5 75.7 113.5



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

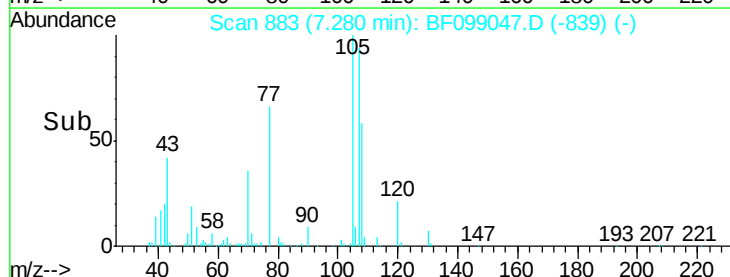
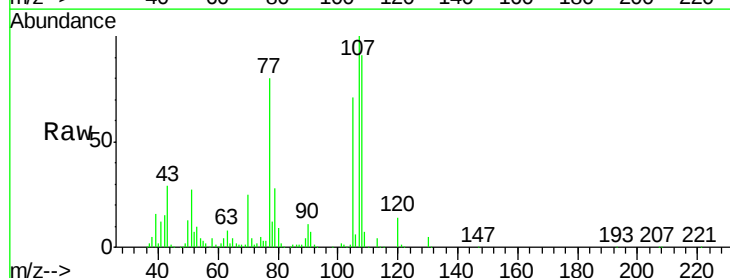
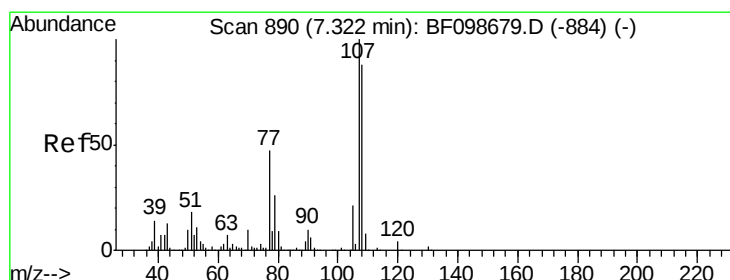
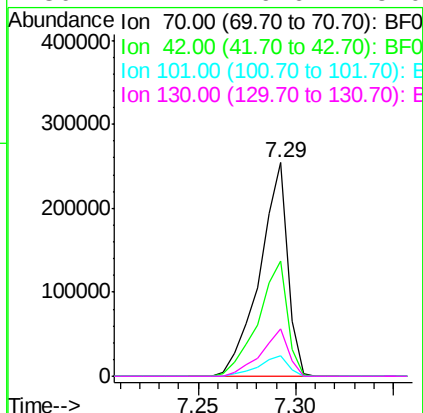




#19
n-Nitroso-di-n-propylamine
Concen: 38.00 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.04 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

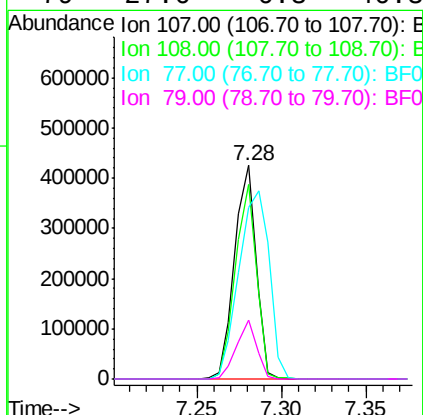
Instrument :
BNA_F
ClientSampleId :

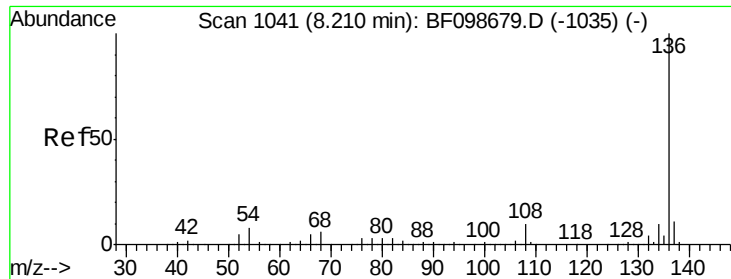
Tot Ion: 70 Resp: 253662
Ion Ratio Lower Upper
70 100
42 54.0 47.5 71.3
101 9.6 7.4 11.2
130 22.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.02 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Tgt Ion:107 Resp: 377755
Ion Ratio Lower Upper
107 100
108 91.0 68.2 108.2
77 80.4 26.7 66.7#
79 27.6 6.3 46.3

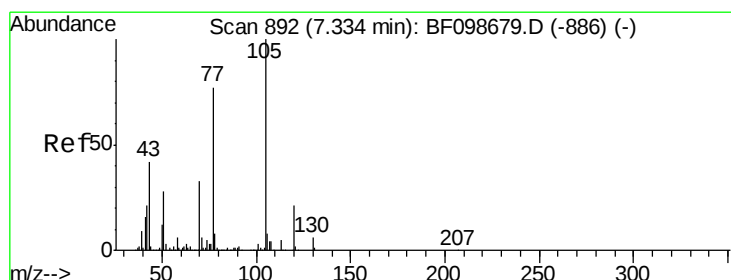
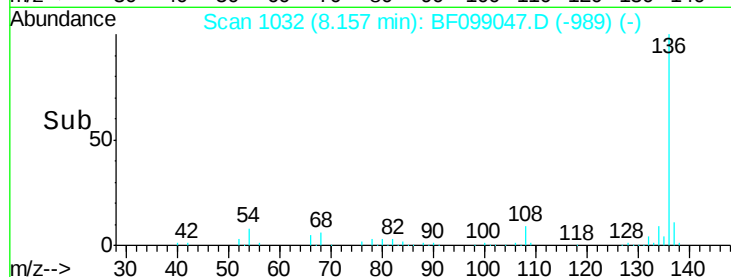
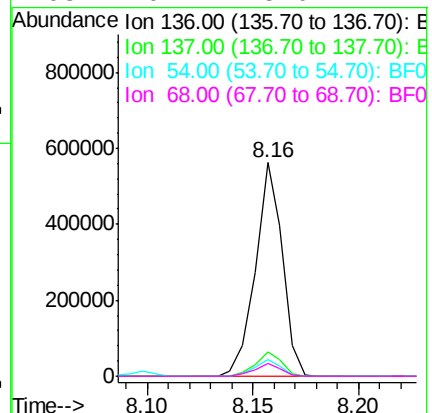
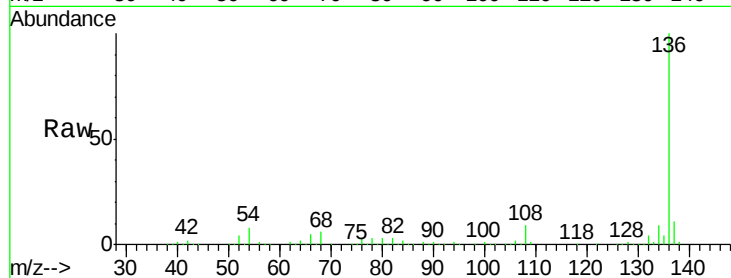




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

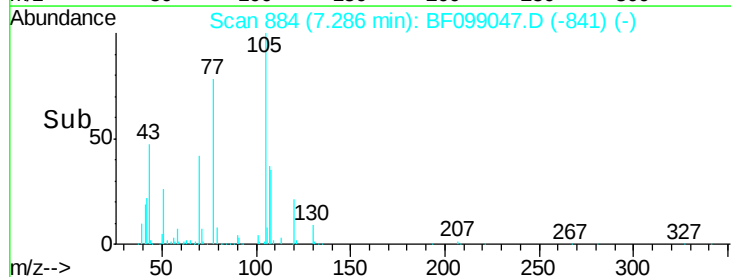
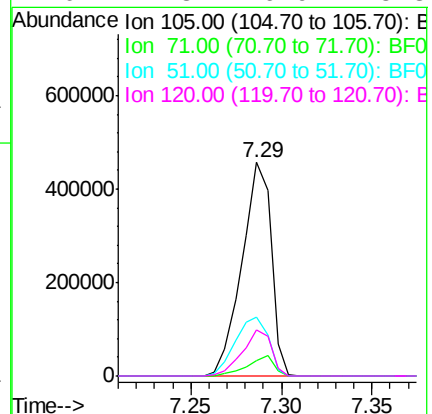
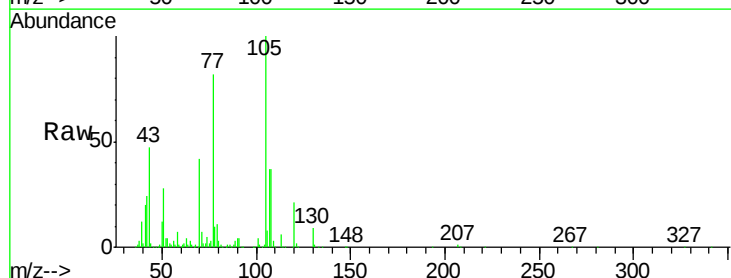
Instrument :
BNA_F
ClientSampleId :

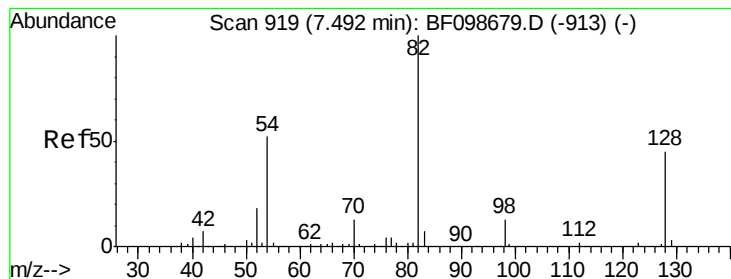
Tot Ion:136	Resp:	500210
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	7.8	6.6 9.8
68	6.2	5.0 7.4



#22
Acetophenone
Concen: 42.48 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Tgt Ion:105	Resp:	514842
Ion Ratio	Lower	Upper
105	100	
71	7.2	4.4 6.6#
51	27.5	22.3 33.5
120	21.3	16.9 25.3





#23

Nitrobenzene-d5

Concen: 95.02 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.04 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

Instrument :

BNA_F

ClientSampleId :

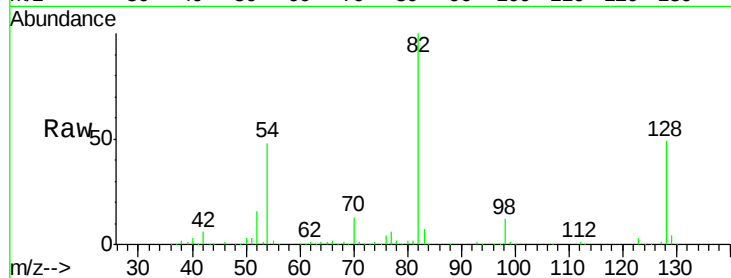
Tot Ion: 82 Resp: 741125

Ion Ratio Lower Upper

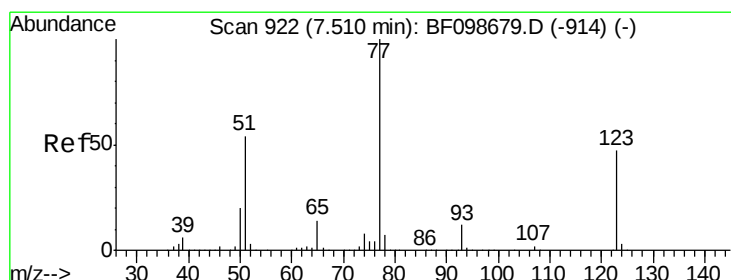
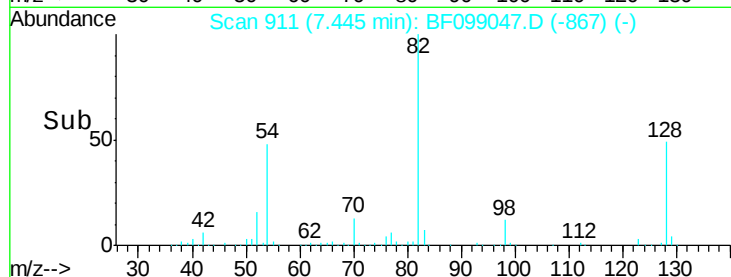
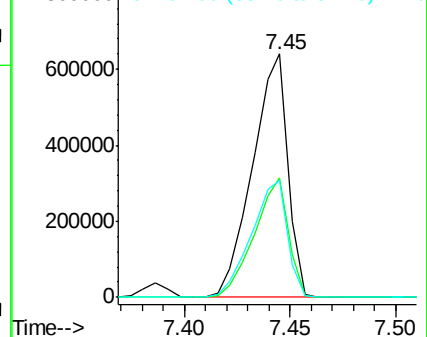
82 100

128 49.2 36.1 54.1

54 47.9 41.4 62.2



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: 43.44 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.04 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

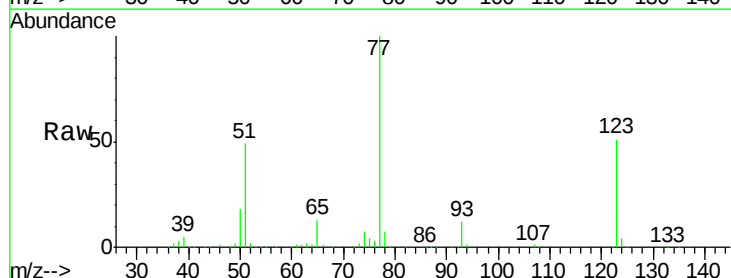
Tgt Ion: 77 Resp: 384390

Ion Ratio Lower Upper

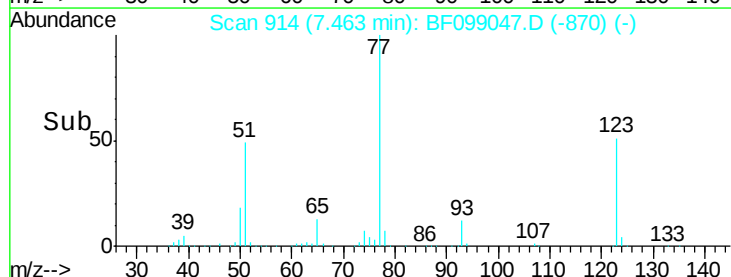
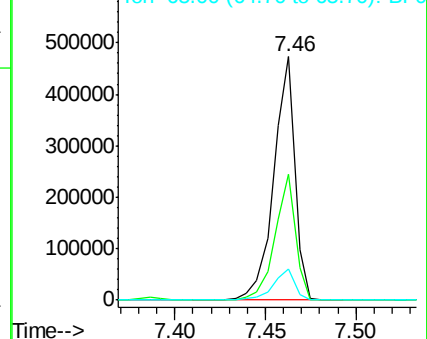
77 100

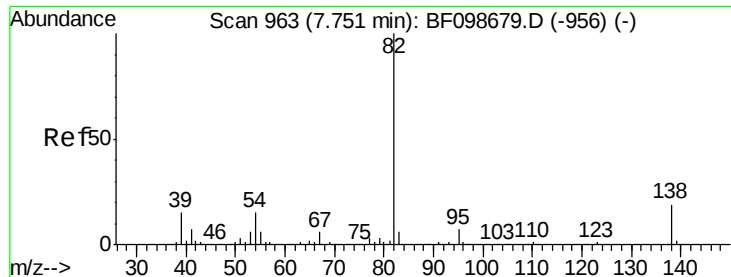
123 51.5 37.9 56.9

65 12.9 11.0 16.4



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: 43.00 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

Instrument :

BNA_F

ClientSampleId :

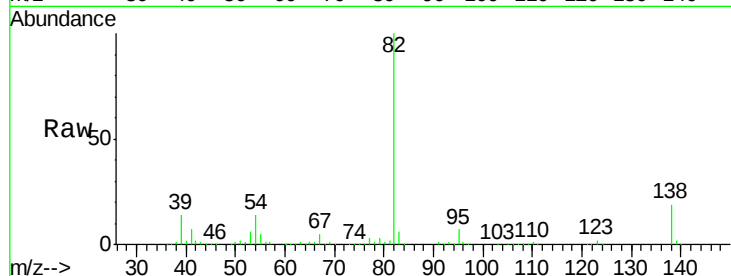
Tot Ion: 82 Resp: 693474

Ion Ratio Lower Upper

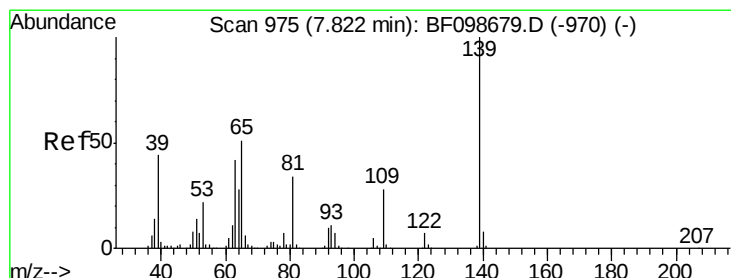
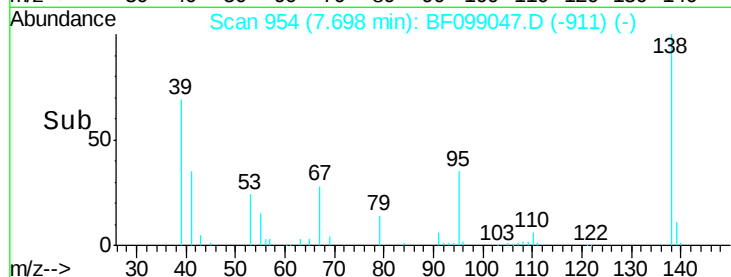
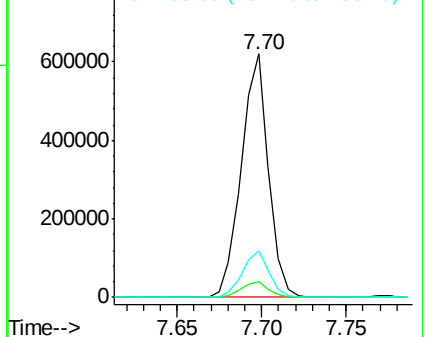
82 100

95 6.6 5.2 7.8

138 18.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 47.67 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

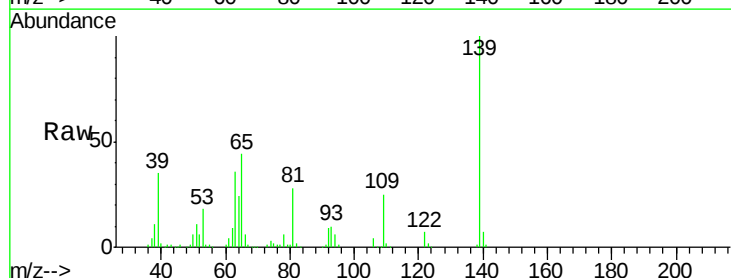
Tgt Ion: 139 Resp: 202847

Ion Ratio Lower Upper

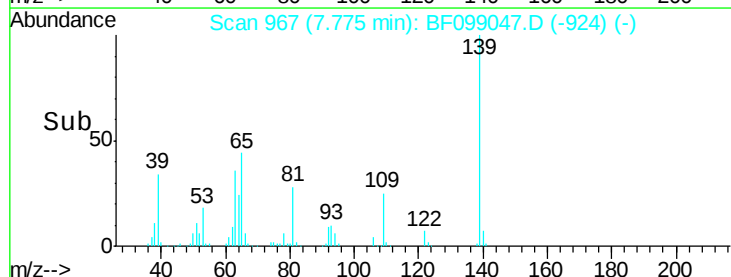
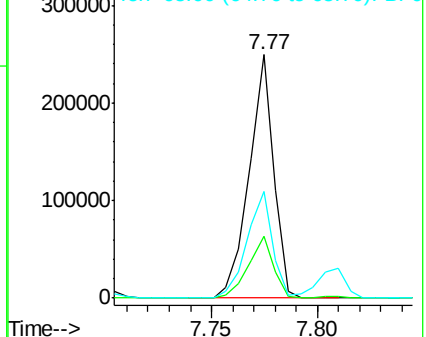
139 100

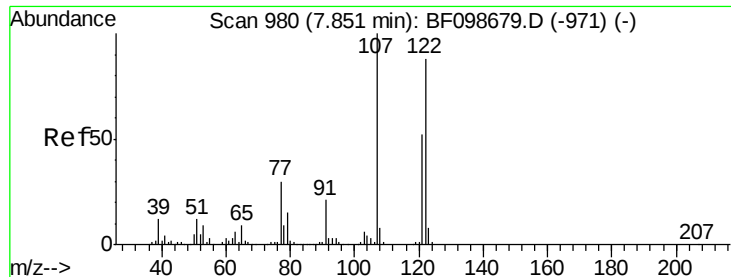
109 25.4 22.7 34.1

65 44.0 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.62 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.04 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

Instrument :

BNA_F

ClientSampled :

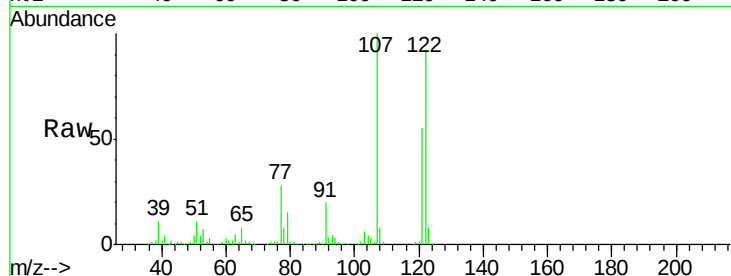
Tot Ion:122 Resp: 342455

Ion Ratio Lower Upper

122 100

107 108.4 91.2 136.8

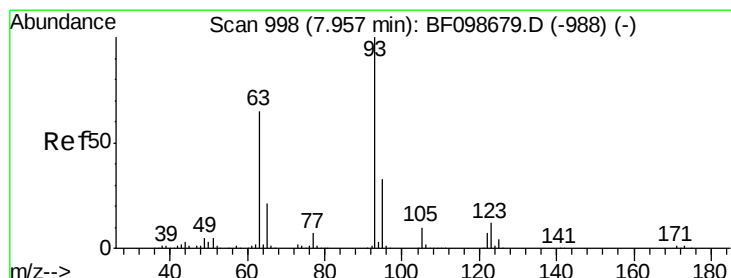
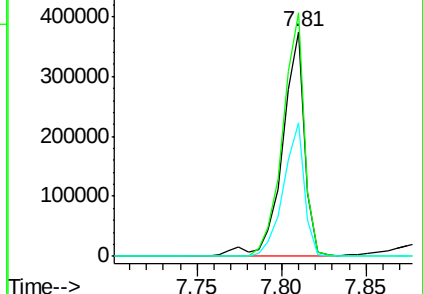
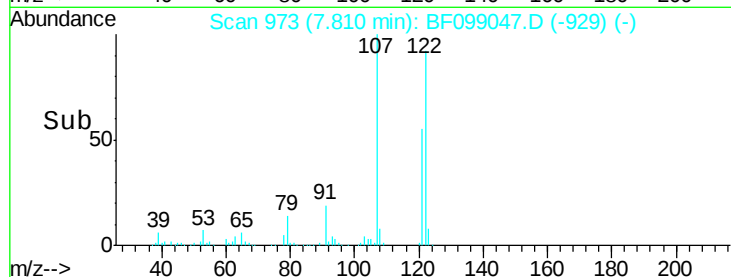
121 59.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.84 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

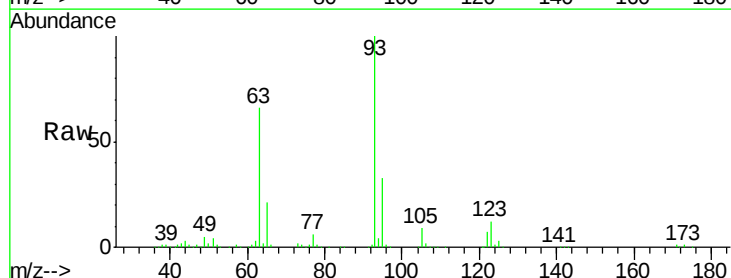
Tgt Ion: 93 Resp: 450636

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

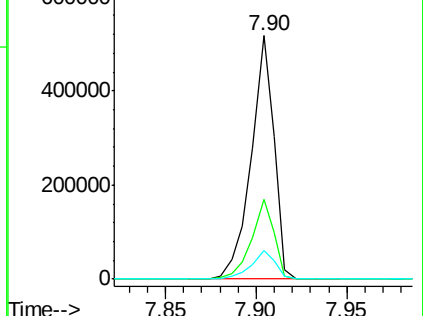
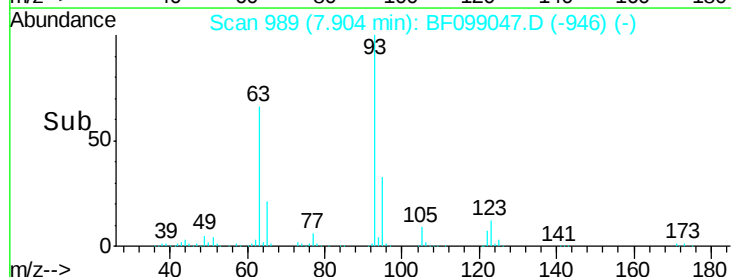
123 11.6 9.8 14.6

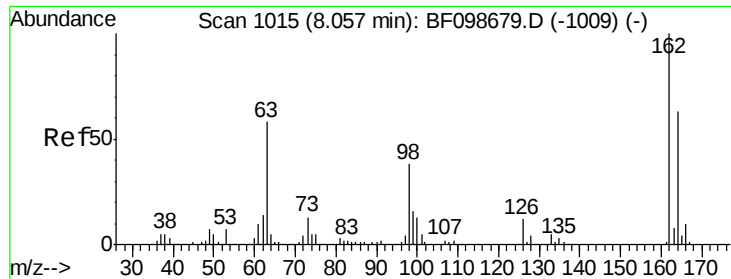


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

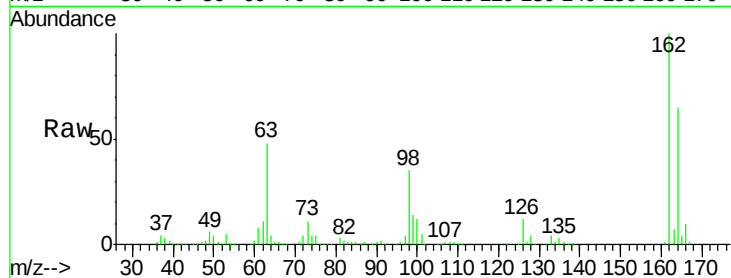




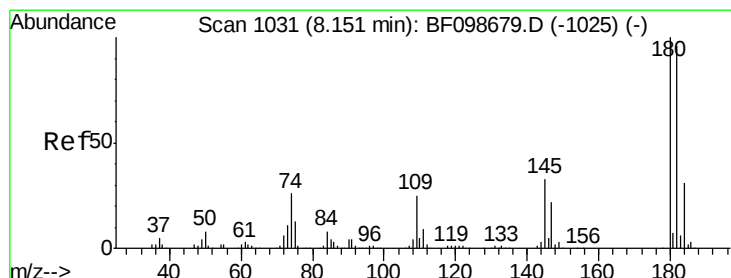
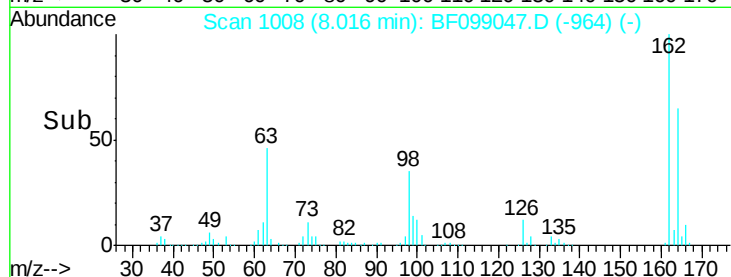
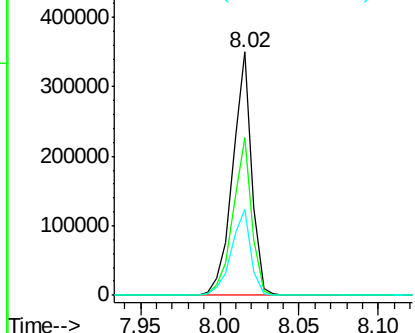
#29
 2,4-Dichlorophenol
 Concen: 42.25 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.04 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 291490
 Ion Ratio Lower Upper
 162 100
 164 64.7 42.7 82.7
 98 35.1 18.1 58.1

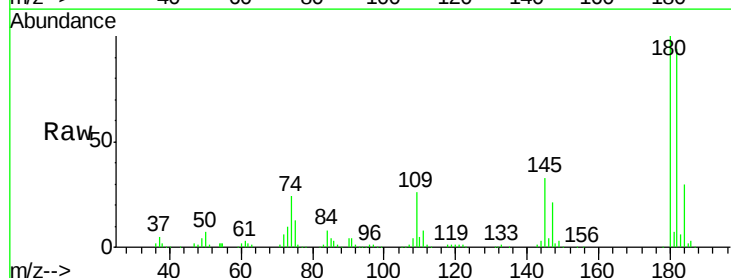


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

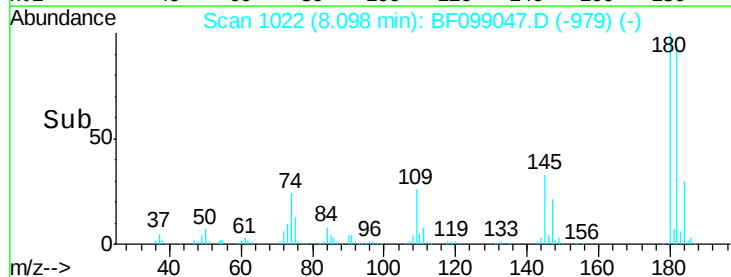
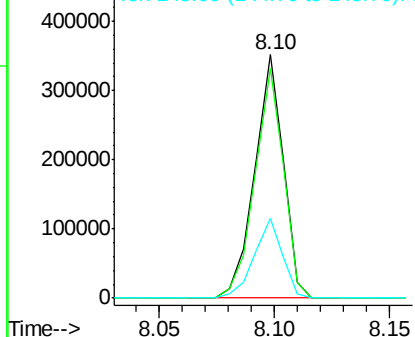


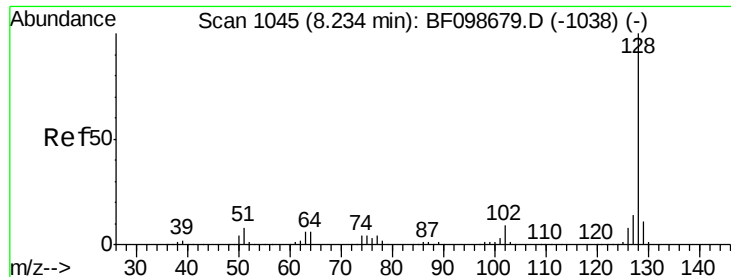
#30
 1,2,4-Trichlorobenzene
 Concen: 44.17 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.05 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

Tgt Ion:180 Resp: 304801
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.8 115.2
 145 32.9 26.5 39.7



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

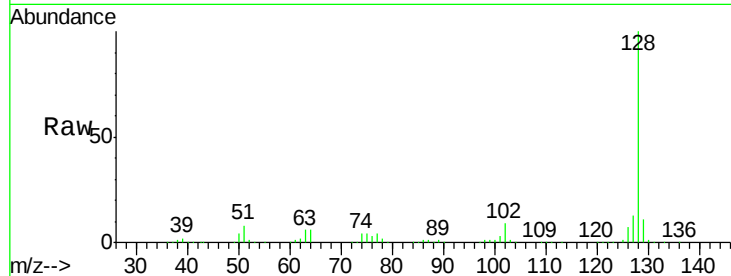




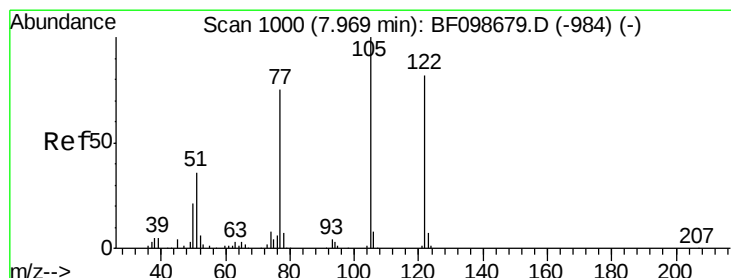
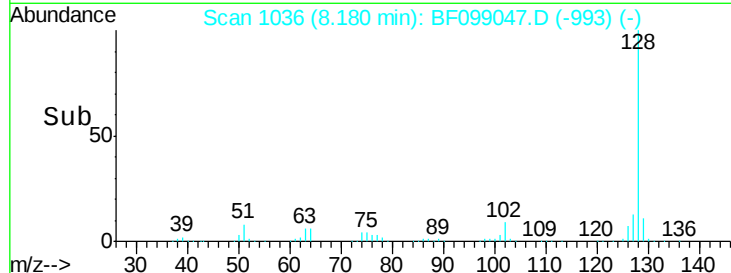
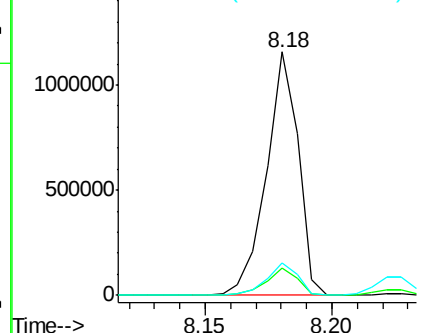
#31
Naphthalene
Concen: 43.36 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1018598
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.2 10.9 16.3

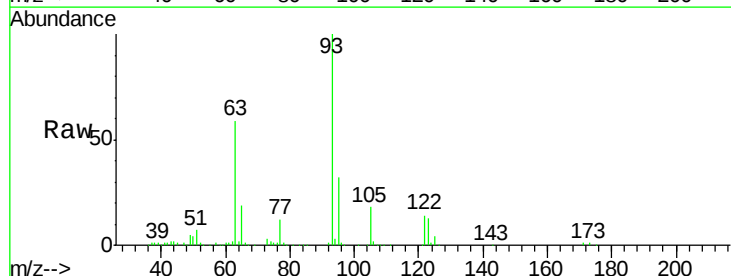


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

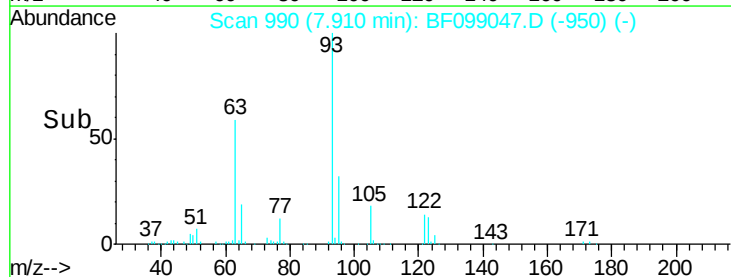
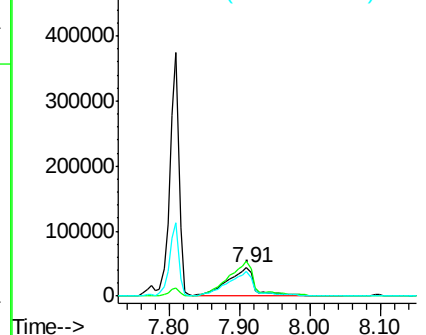


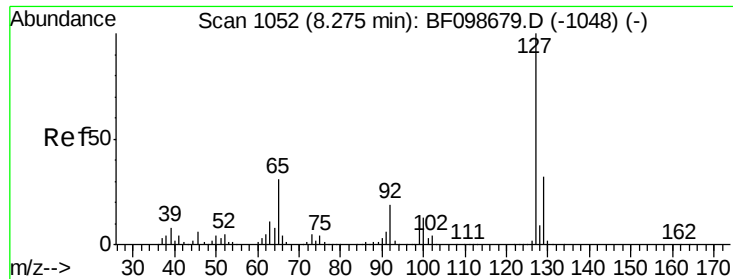
#32
Benzoic acid
Concen: 17.68 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.06 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Tgt Ion:122 Resp: 116713
Ion Ratio Lower Upper
122 100
105 122.4 101.1 141.1
77 86.1 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

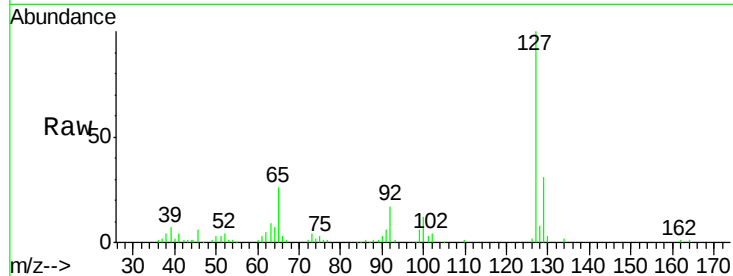




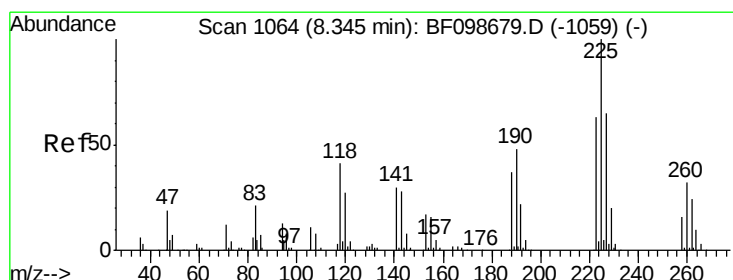
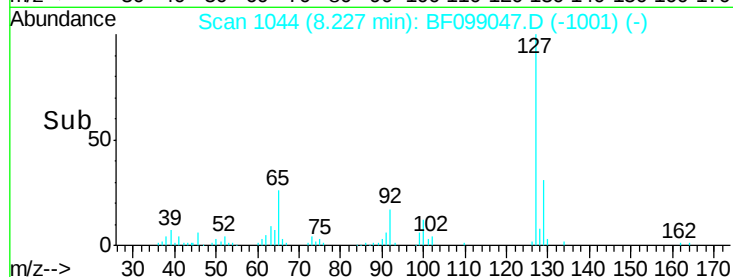
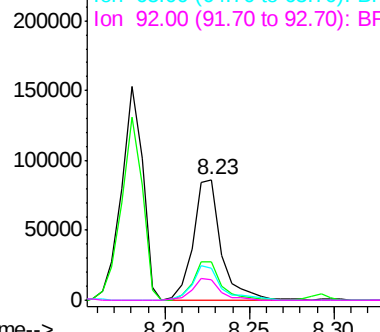
#33
4-Chloroaniline
Concen: 10.25 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	100578
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	26.4	25.0	37.4
92	16.7	15.2	22.8

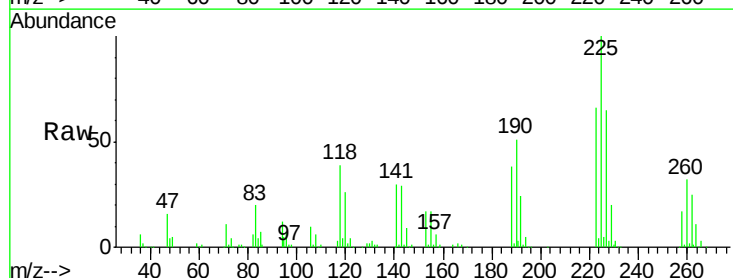


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

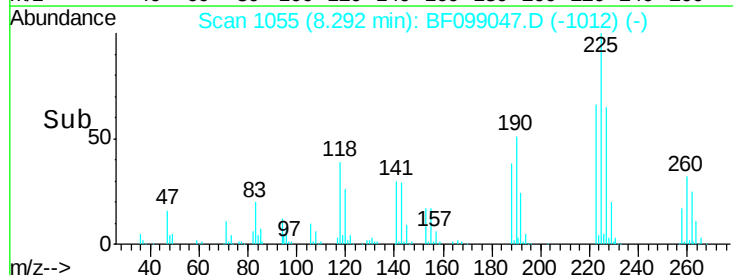
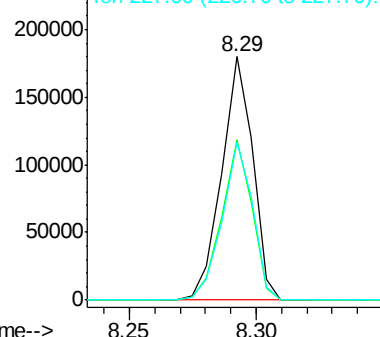


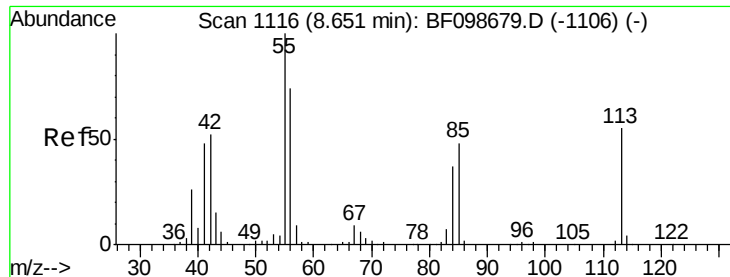
#34
Hexachlorobutadiene
Concen: 43.35 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Tgt Ion:	225	Resp:	154073
Ion	Ratio	Lower	Upper
225	100		
223	65.7	50.6	76.0
227	65.0	51.9	77.9



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: 24.62 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.06 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

Instrument :

BNA_F

ClientSampleId :

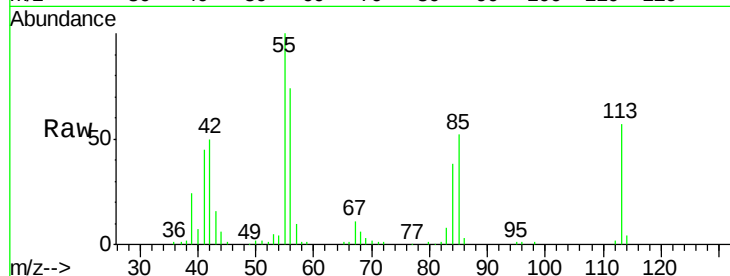
Tot Ion:113 Resp: 54474

Ion Ratio Lower Upper

113 100

55 174.7 163.3 203.3

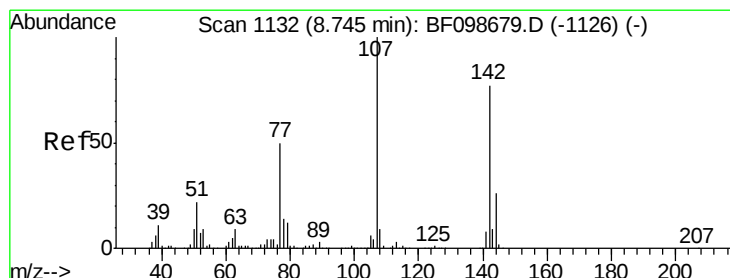
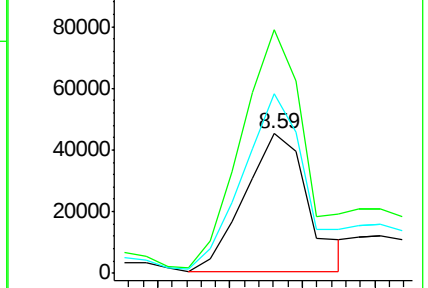
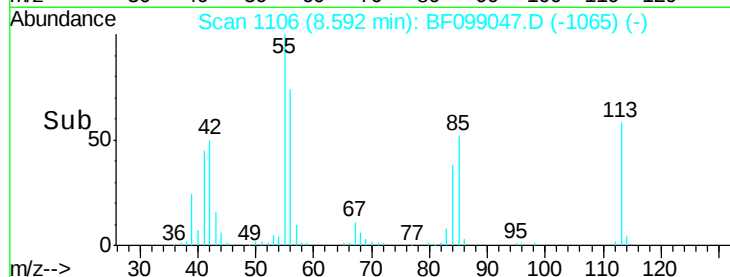
56 129.2 115.7 155.7



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: 36.33 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.04 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

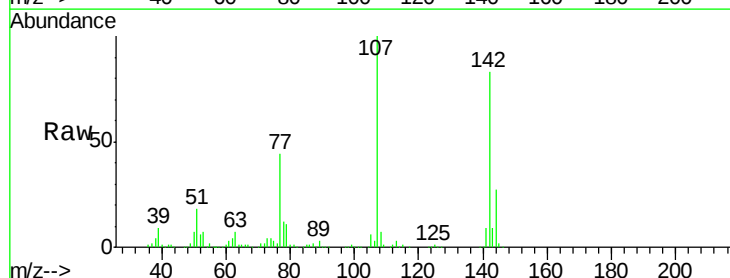
Tgt Ion:107 Resp: 281728

Ion Ratio Lower Upper

107 100

144 26.8 20.5 30.7

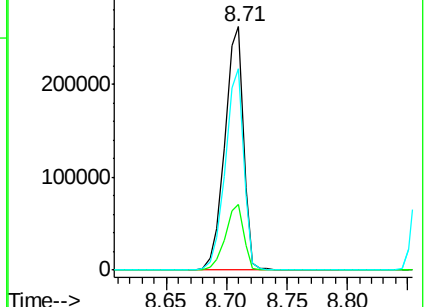
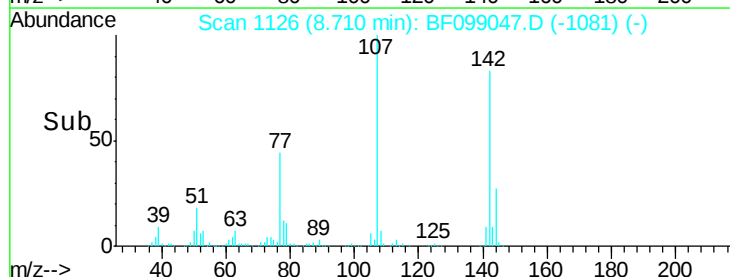
142 82.6 62.0 93.0

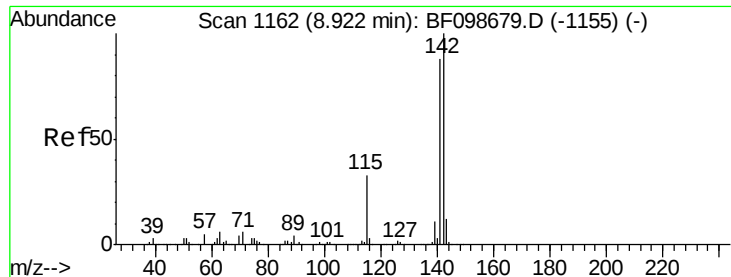


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

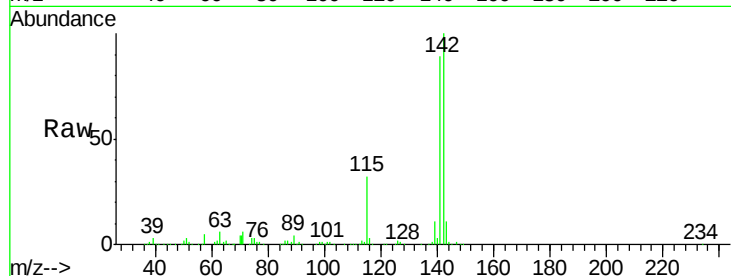




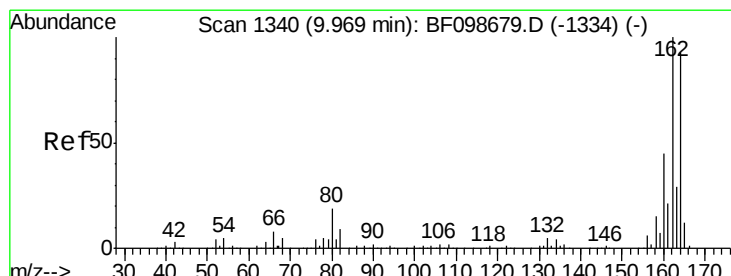
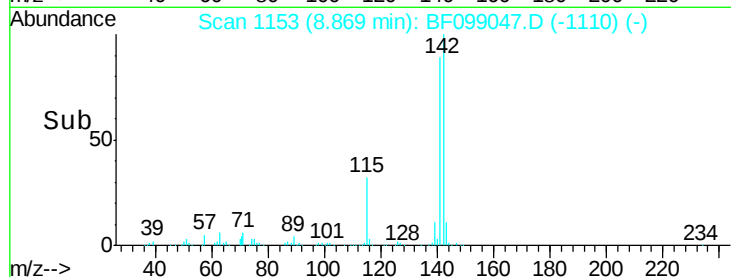
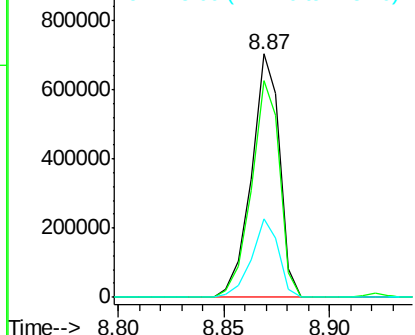
#37
2-Methylnaphthalene
Concen: 42.67 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	32.2	26.1	39.1

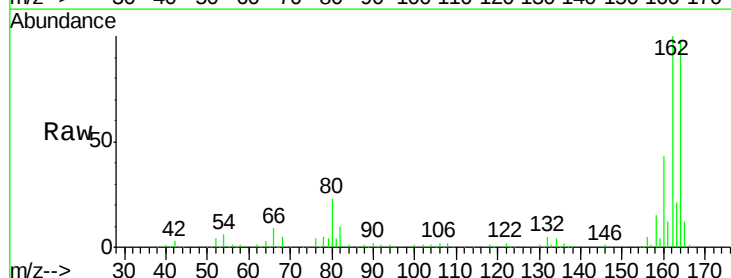


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

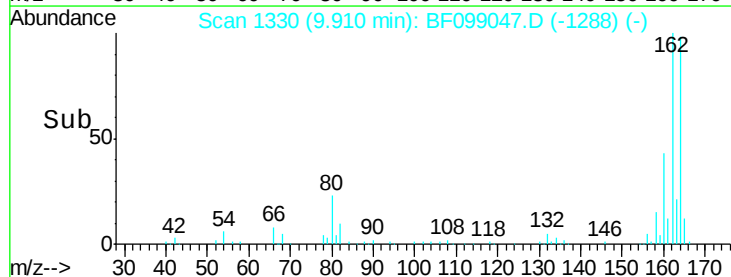
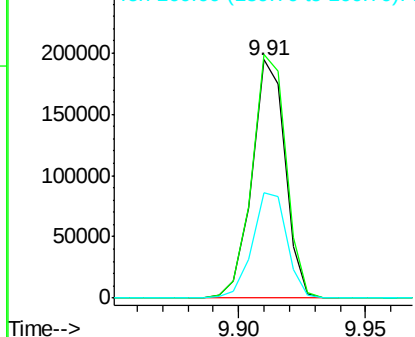


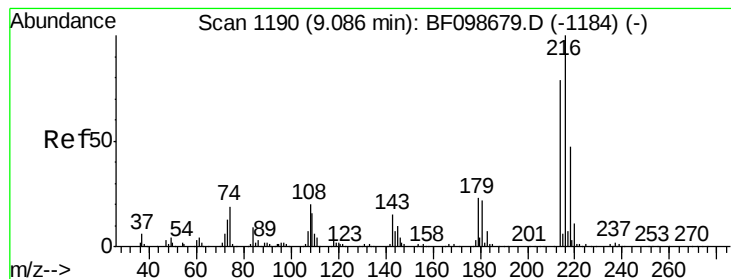
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	44.5	38.3	57.5



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: 47.05 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 249602

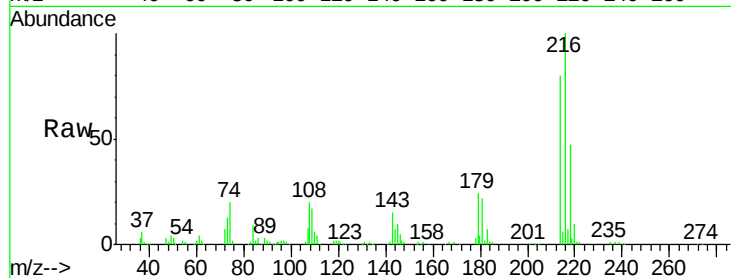
Ion Ratio Lower Upper

216 100

214 80.3 63.0 94.4

179 22.8 18.1 27.1

108 20.8 17.2 25.8

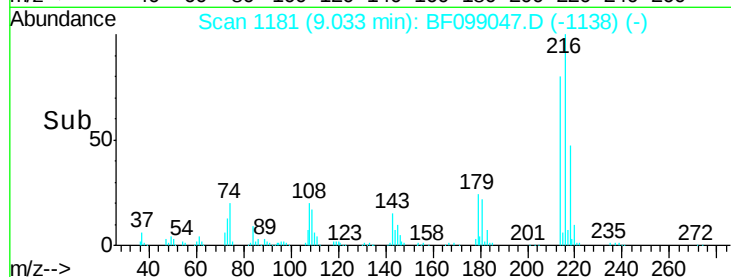


Abundance Ion 216.00 (215.70 to 216.70): E

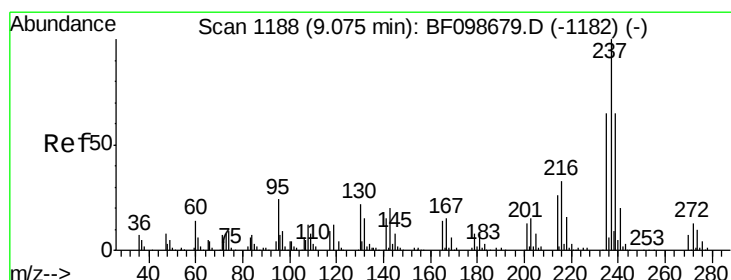
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 46.92 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

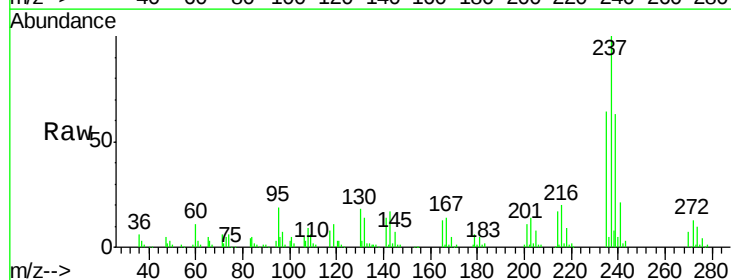
Tgt Ion:237 Resp: 113734

Ion Ratio Lower Upper

237 100

235 64.3 44.8 84.8

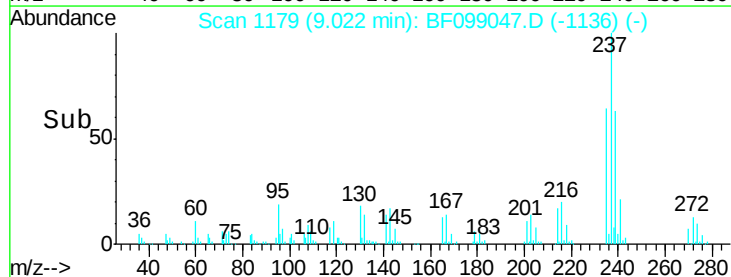
272 12.7 0.0 33.3



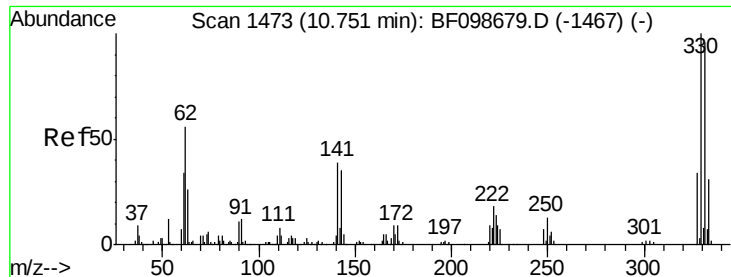
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



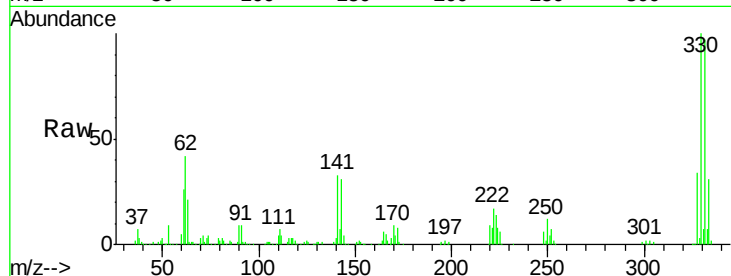
Time-->



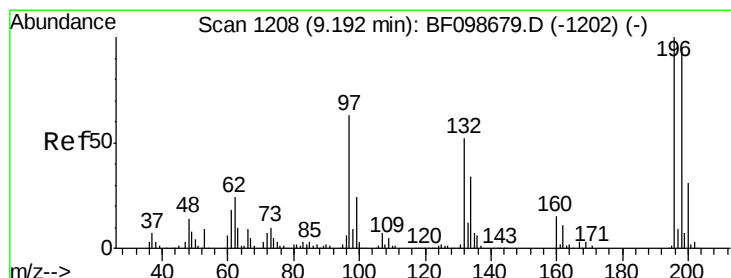
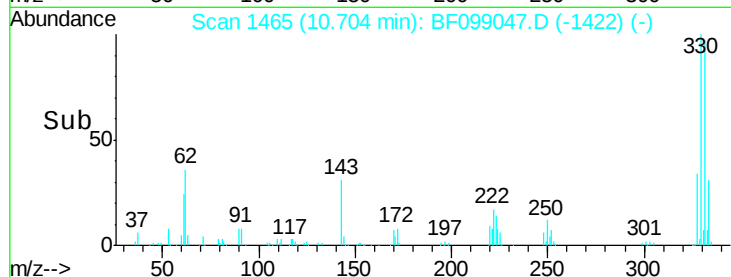
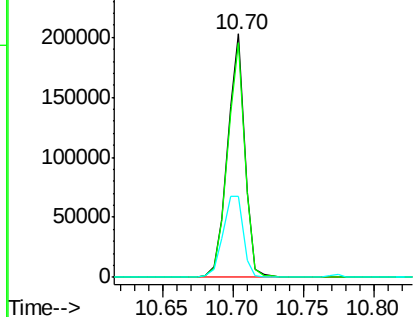
#41
 2,4,6-Tribromophenol
 Concen: 118.07 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.05 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	40.0	29.9	44.9

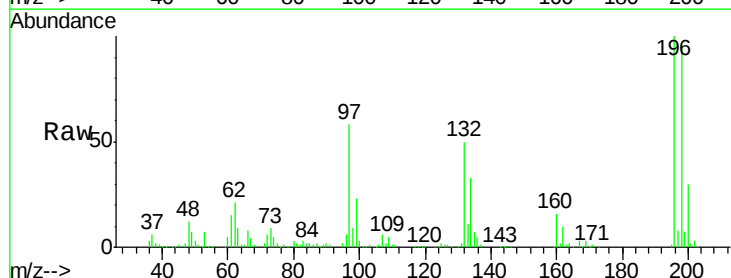


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

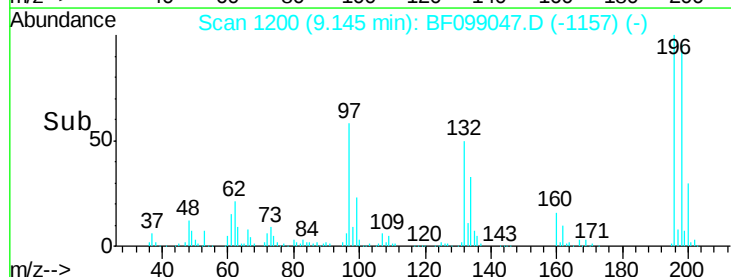
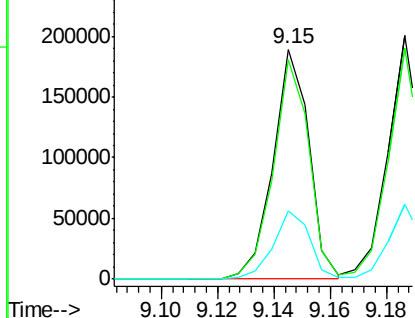


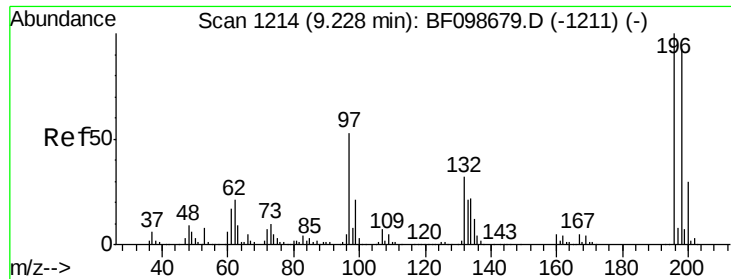
#42
 2,4,6-Trichlorophenol
 Concen: 44.51 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.05 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.7	113.5
200	30.0	24.5	36.7



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

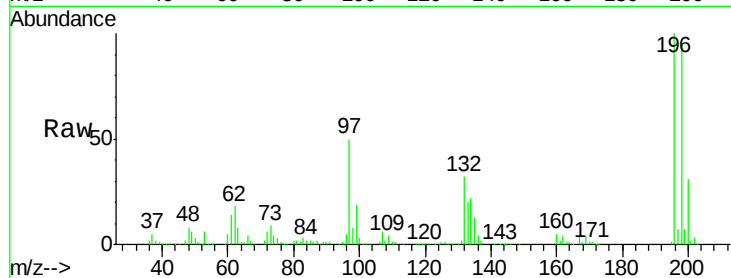




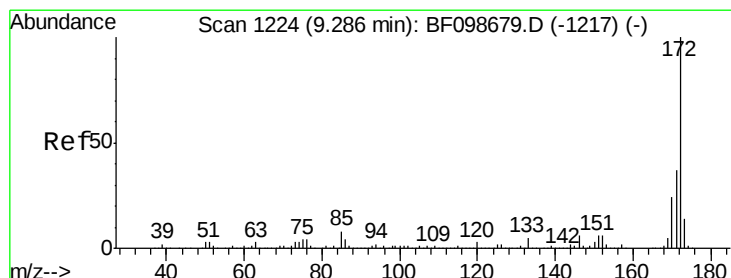
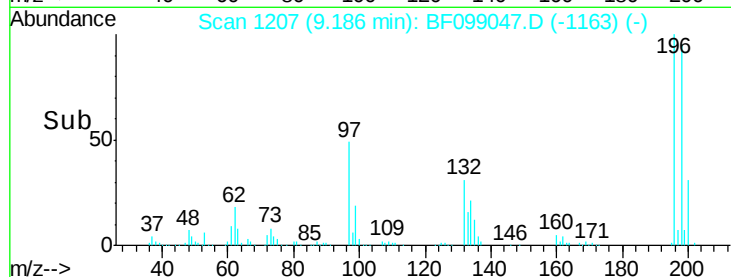
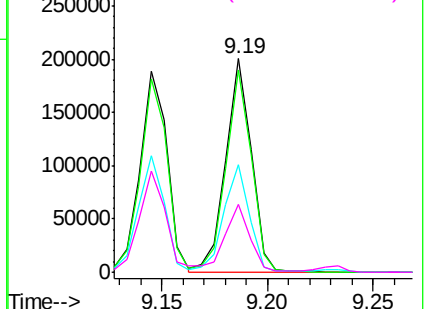
#43
 2,4,5-Trichlorophenol
 Concen: 44.90 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.04 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 168452
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.6 112.0
 97 50.1 42.9 64.3
 132 32.0 26.3 39.5

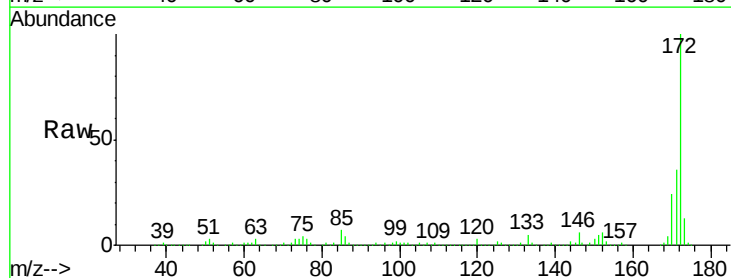


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

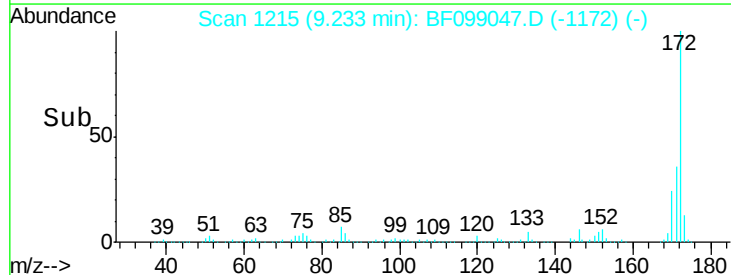
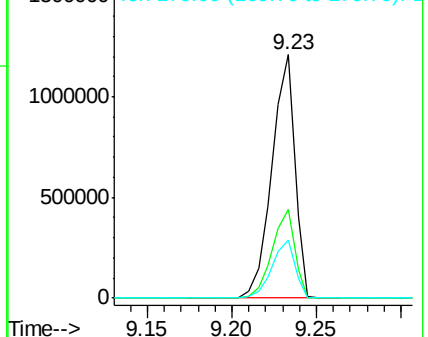


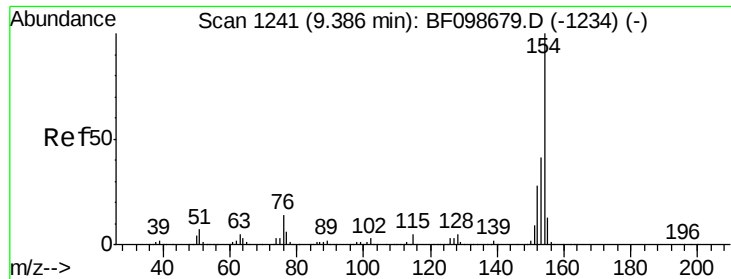
#44
 2-Fluorobiphenyl
 Concen: 106.57 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.05 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

Tgt Ion:172 Resp: 1135518
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.9 19.6 29.4



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

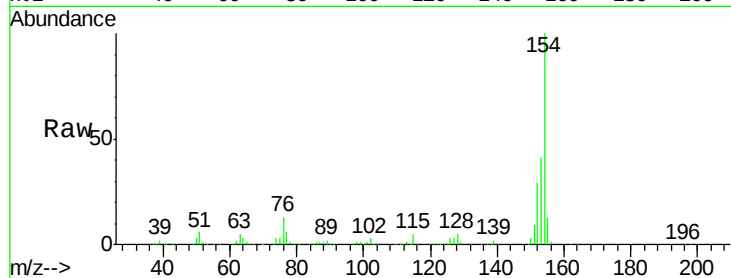




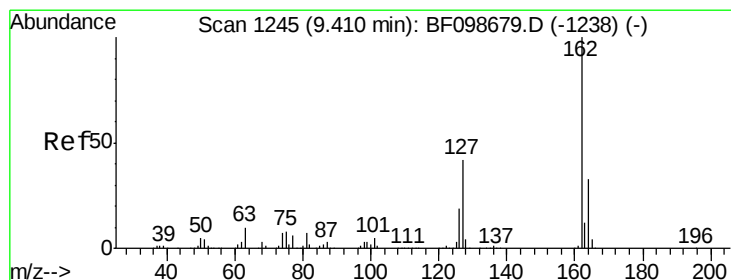
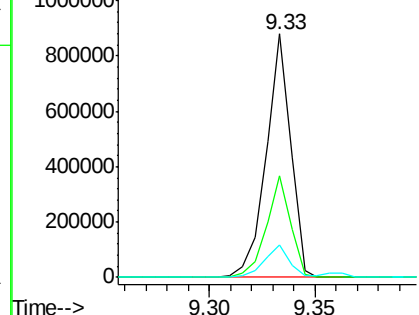
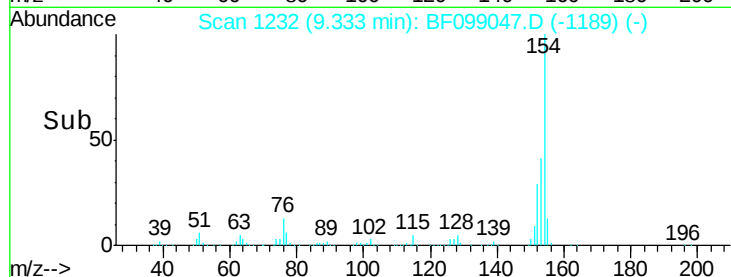
#45
 1,1'-Biphenyl
 Concen: 46.65 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.05 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 713179
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.3 61.3
 76 13.4 0.0 34.0

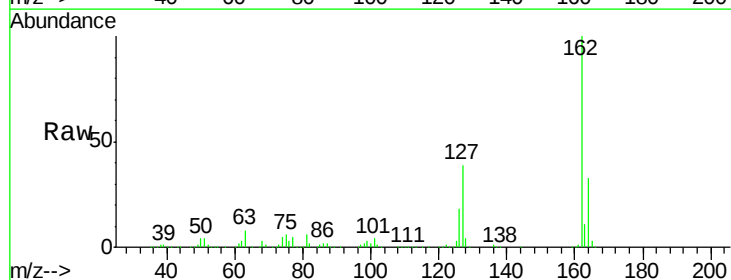


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

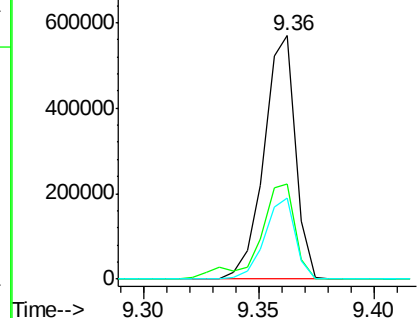
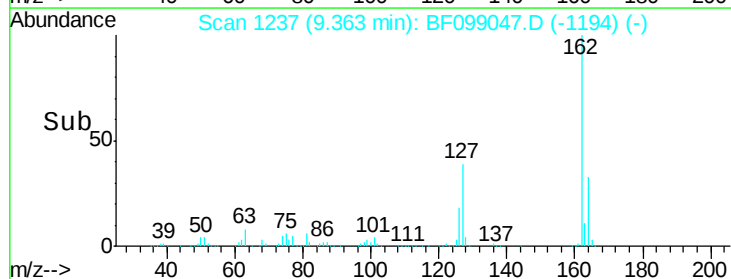


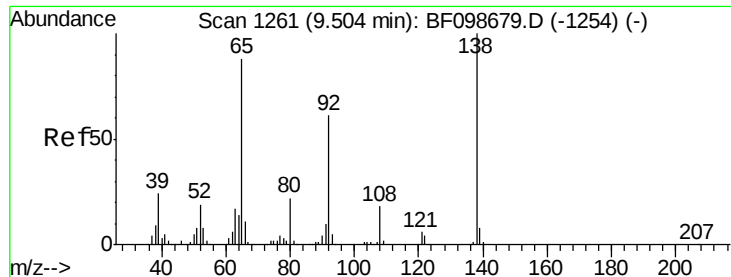
#46
 2-Chloronaphthalene
 Concen: 47.12 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.05 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

Tgt Ion:162 Resp: 540789
 Ion Ratio Lower Upper
 162 100
 127 38.9 33.9 50.9
 164 33.2 26.5 39.7



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

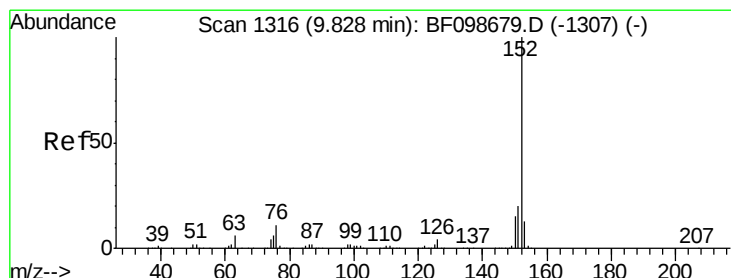
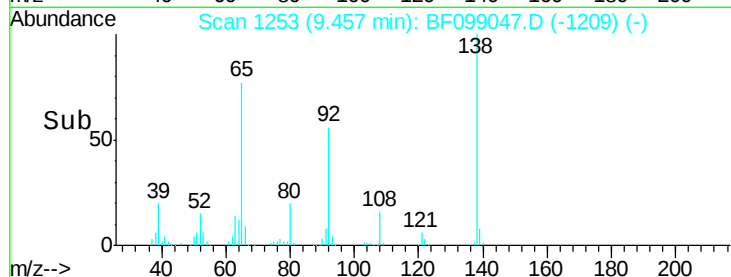
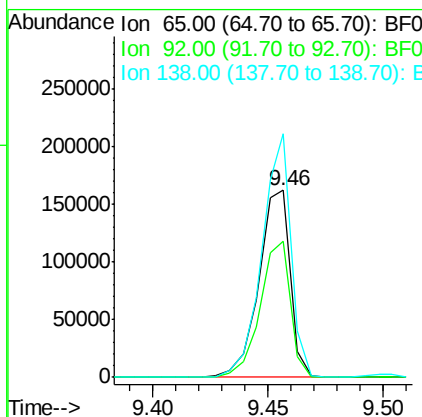
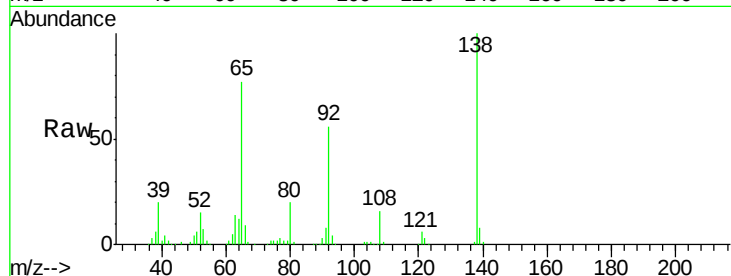




#47
2-Nitroaniline
Concen: 43.84 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.04 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

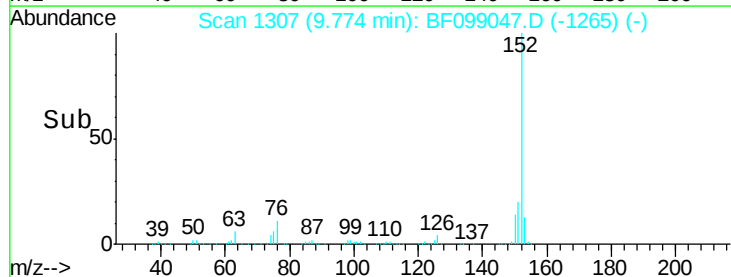
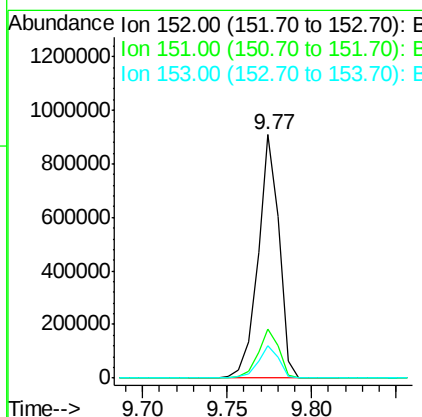
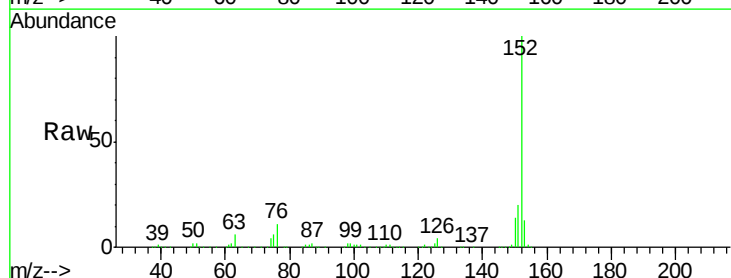
Instrument :
BNA_F
ClientSampleId :

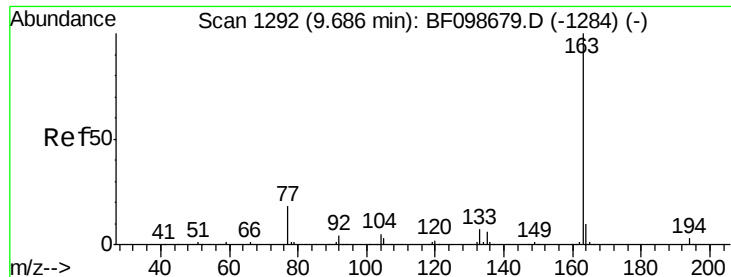
Tot Ion: 65 Resp: 154090
Ion Ratio Lower Upper
65 100
92 72.6 55.8 83.6
138 130.3 91.2 136.8



#48
Acenaphthylene
Concen: 44.64 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Tgt Ion:152 Resp: 784271
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.2 10.7 16.1

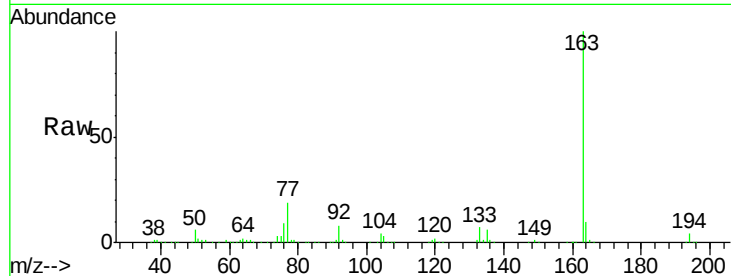




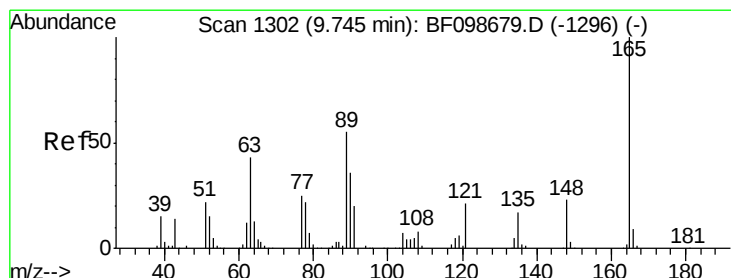
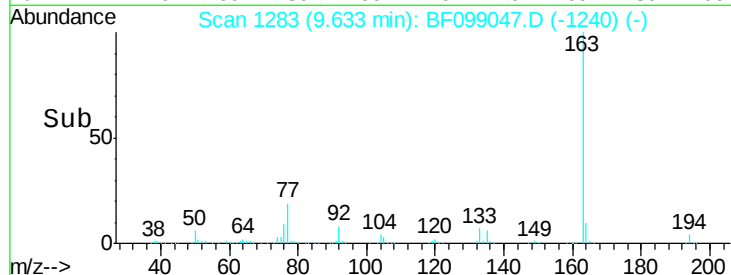
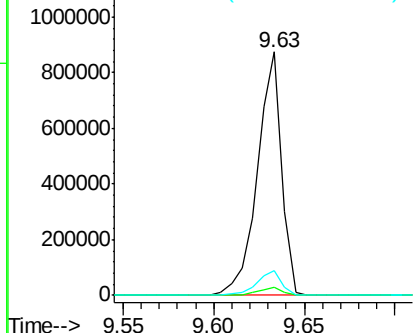
#49
Dimethylphthalate
Concen: 60.34 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 809994
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.1 8.2 12.2

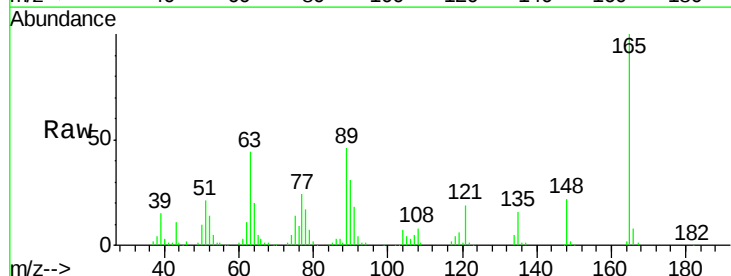


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

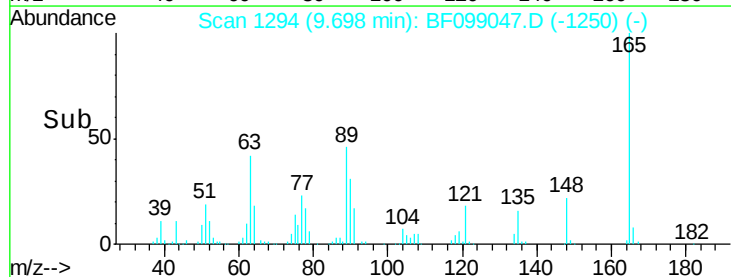
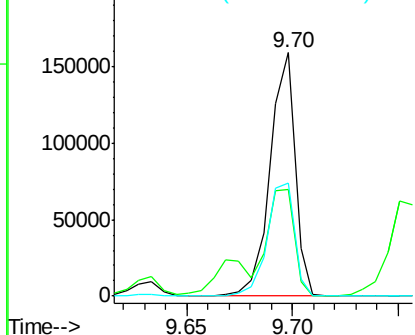


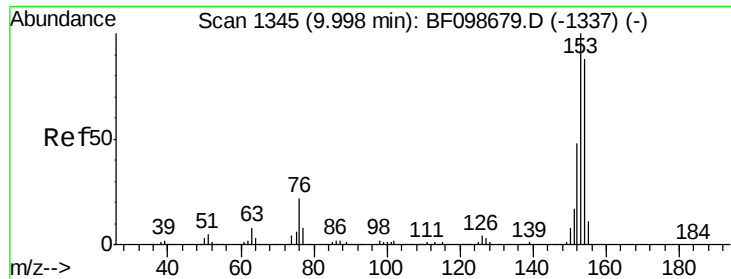
#50
2,6-Dinitrotoluene
Concen: 45.10 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Tgt Ion:165 Resp: 131802
Ion Ratio Lower Upper
165 100
63 44.0 44.7 67.1#
89 46.2 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.69 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

Instrument :

BNA_F

ClientSampleId :

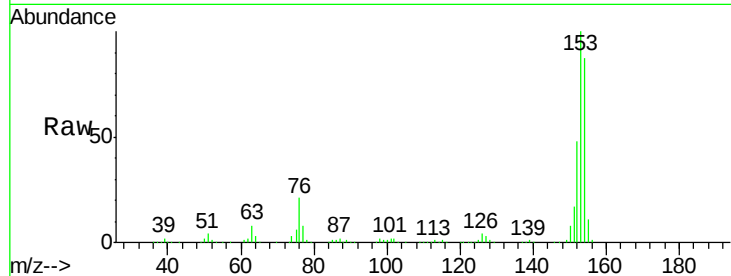
Tot Ion:154 Resp: 452834

Ion Ratio Lower Upper

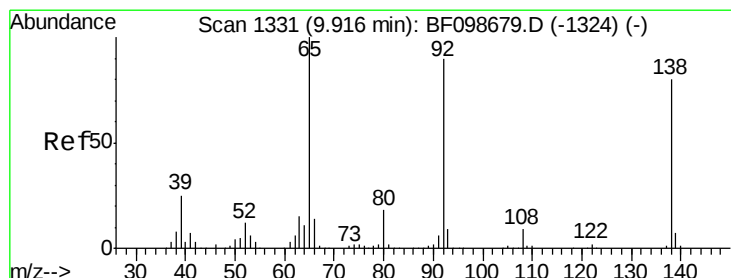
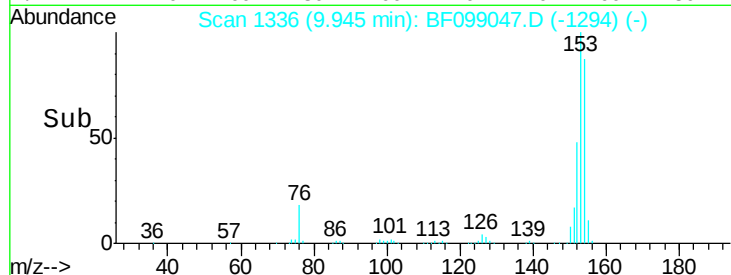
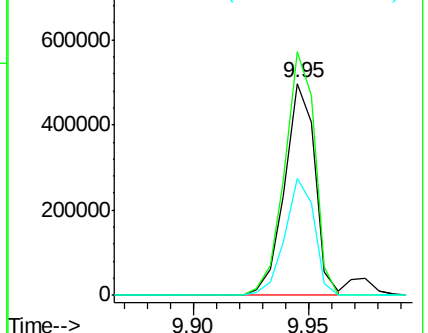
154 100

153 114.7 91.2 136.8

152 54.8 43.8 65.8



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: 24.61 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

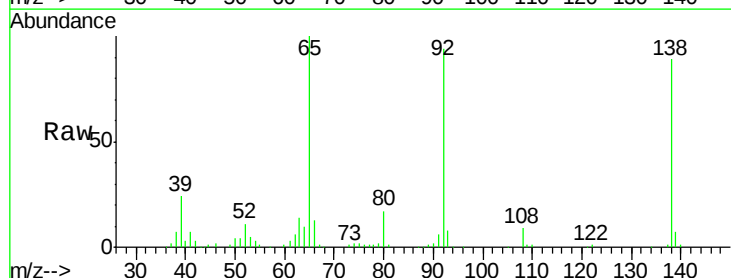
Tgt Ion:138 Resp: 83869

Ion Ratio Lower Upper

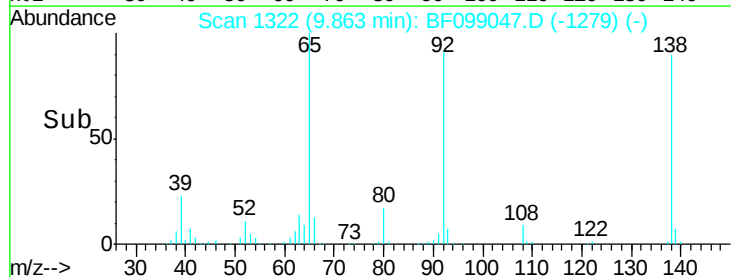
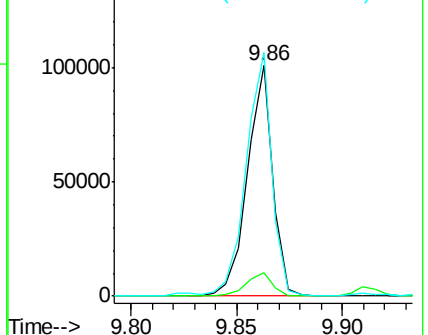
138 100

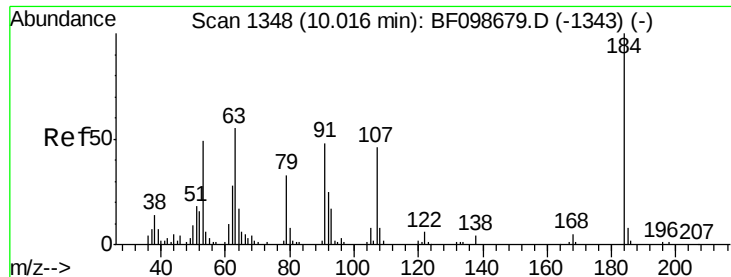
108 10.3 9.4 14.0

92 105.6 89.4 134.2



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

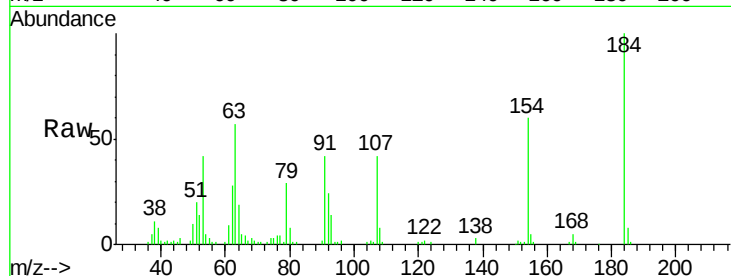




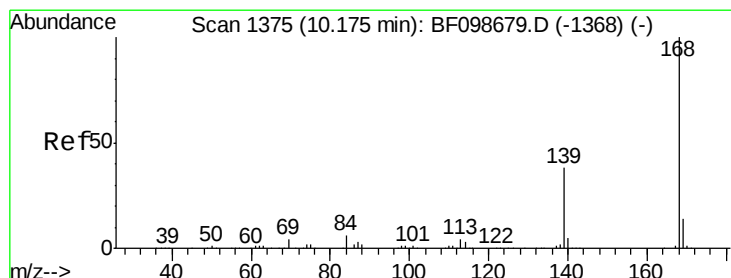
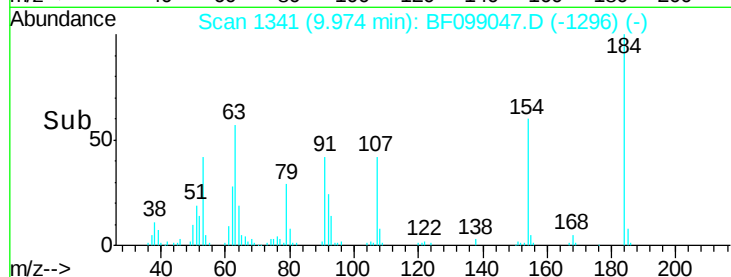
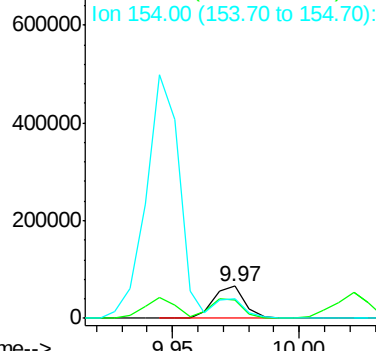
#53
 2,4-Dinitrophenol
 Concen: 40.83 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.03 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 57452
 Ion Ratio Lower Upper
 184 100
 63 57.3 54.2 81.2
 154 59.5 53.5 80.3

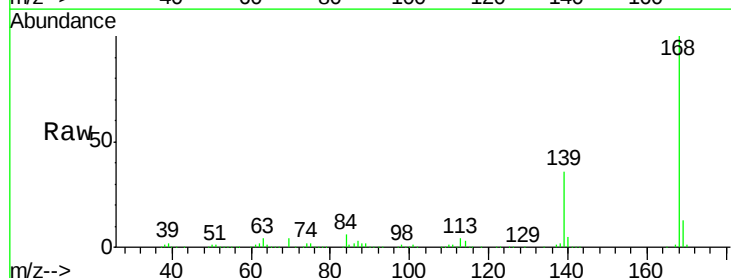


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

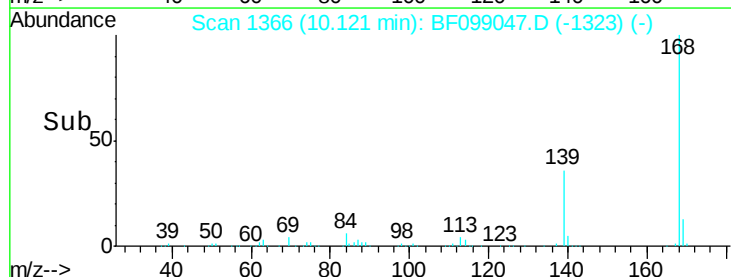
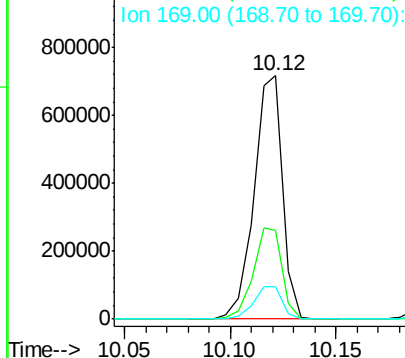


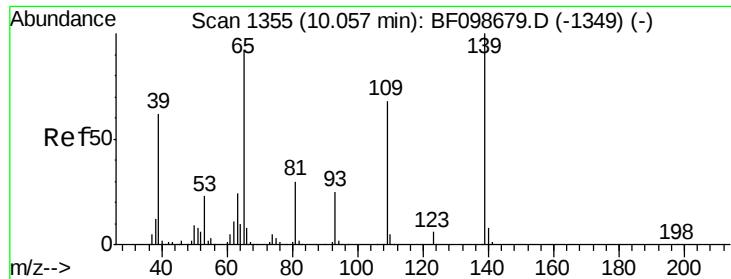
#54
 Dibenzofuran
 Concen: 45.25 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.05 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

Tgt Ion:168 Resp: 670542
 Ion Ratio Lower Upper
 168 100
 139 36.2 30.1 45.1
 169 13.3 10.9 16.3



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

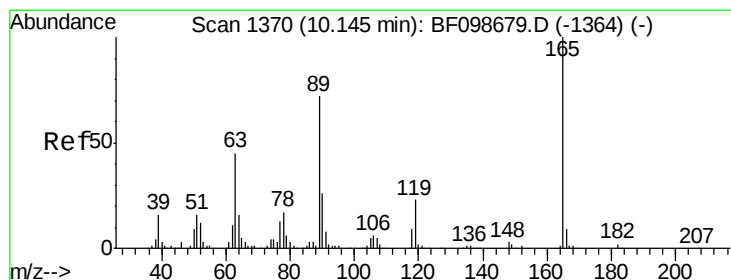
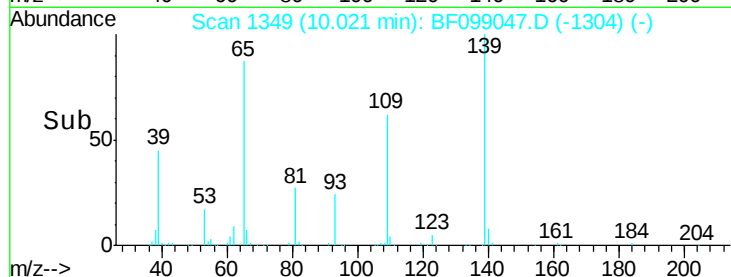
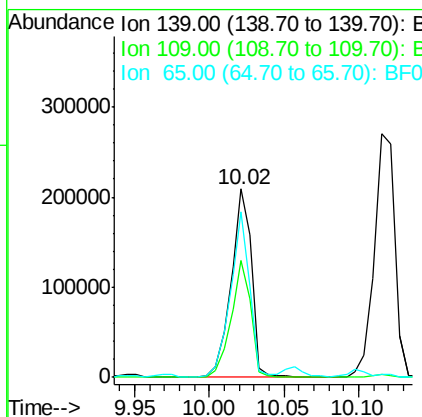
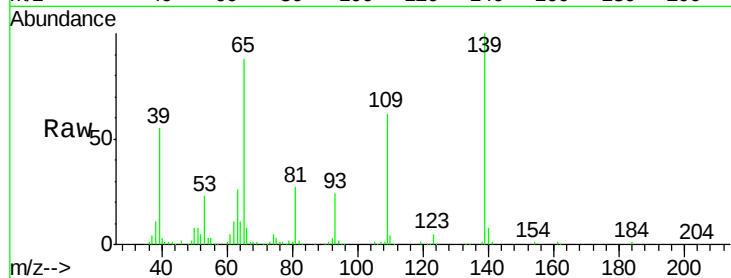




#55
4-Nitrophenol
Concen: 70.22 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.04 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

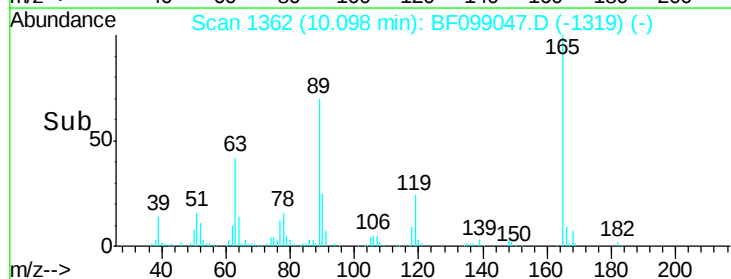
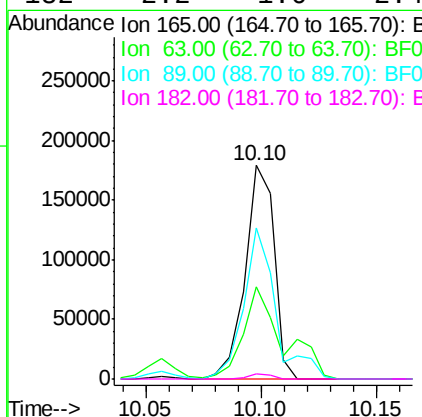
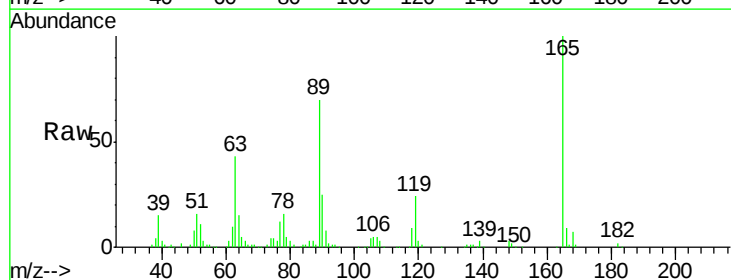
Instrument :
BNA_F
ClientSampleId :

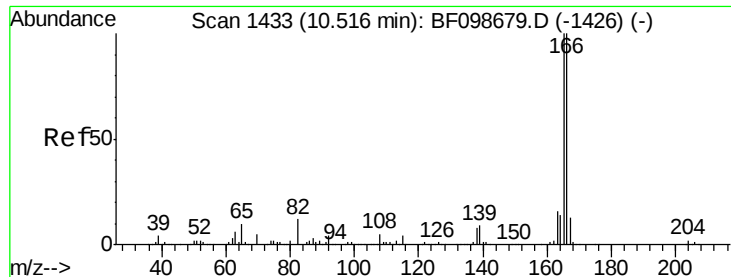
Tot Ion:139 Resp: 202339
Ion Ratio Lower Upper
139 100
109 61.9 48.4 88.4
65 88.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.75 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Tgt Ion:165 Resp: 158376
Ion Ratio Lower Upper
165 100
63 42.9 36.4 54.6
89 70.5 57.8 86.6
182 2.2 1.6 2.4

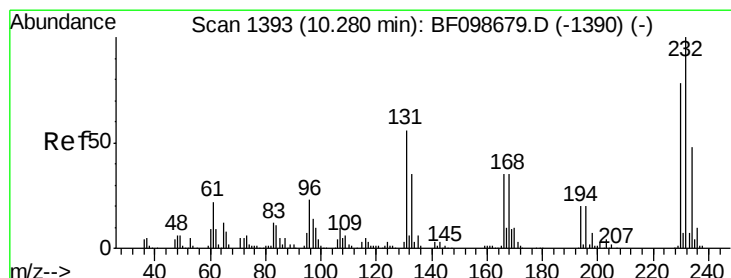
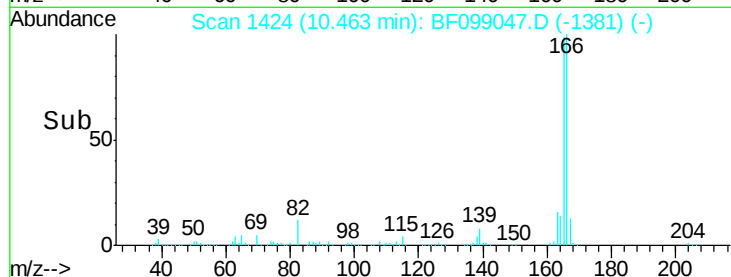
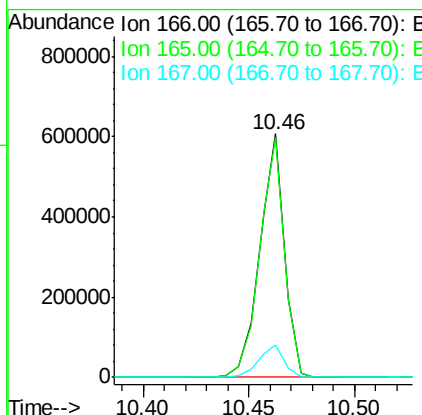
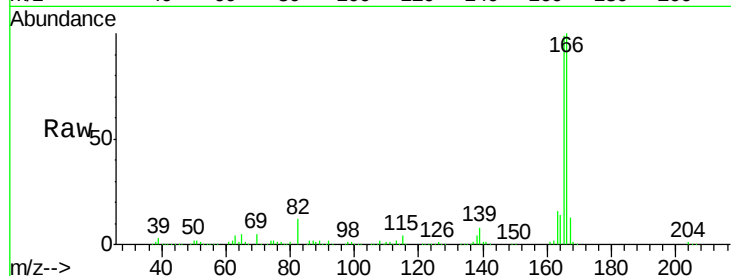




#57
 Fluorene
 Concen: 41.14 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.05 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

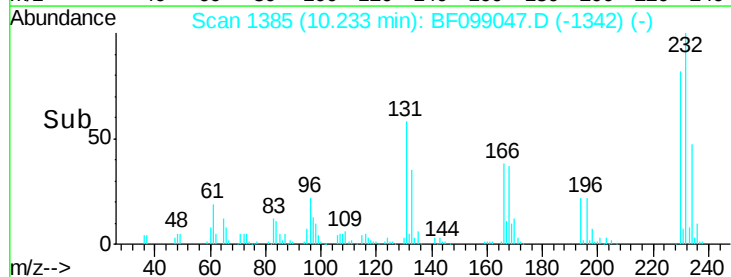
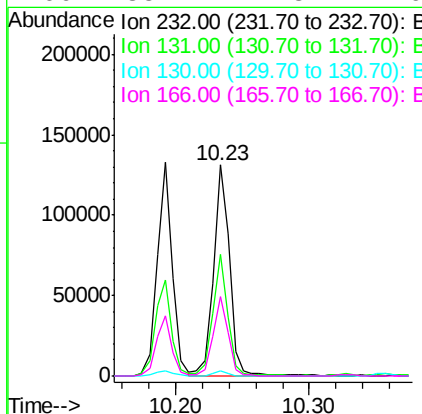
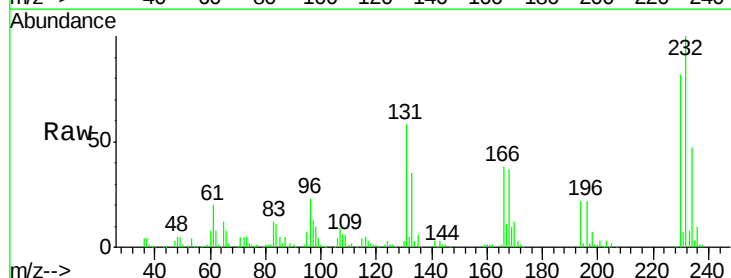
Instrument :
 BNA_F
 ClientSampleId :

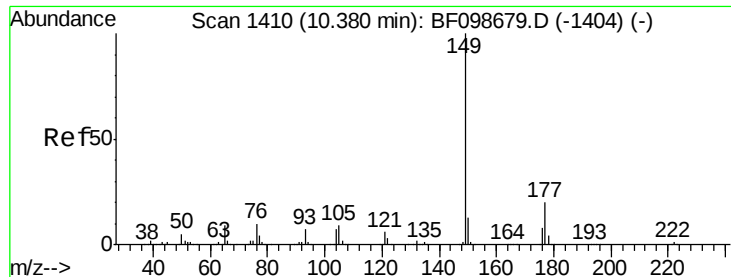
Tot Ion:166 Resp: 490071
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.60 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.05 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

Tgt Ion:232 Resp: 110404
 Ion Ratio Lower Upper
 232 100
 131 53.4 43.8 65.8
 130 2.4 2.1 3.1
 166 35.7 27.8 41.6

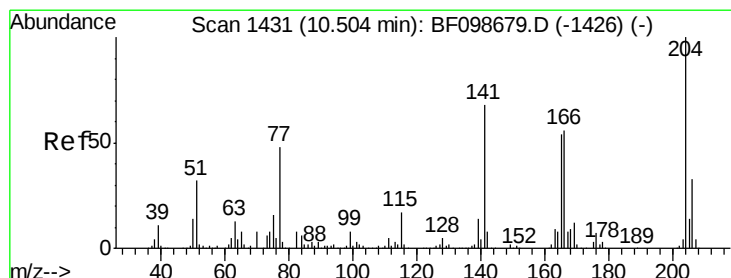
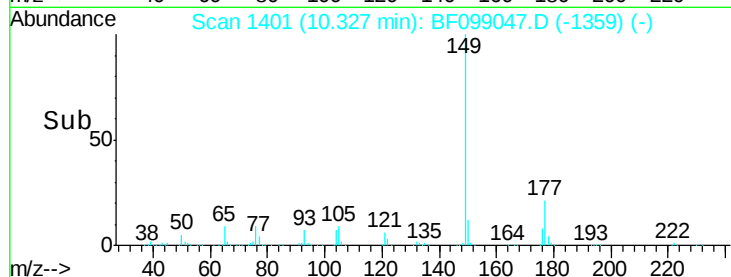
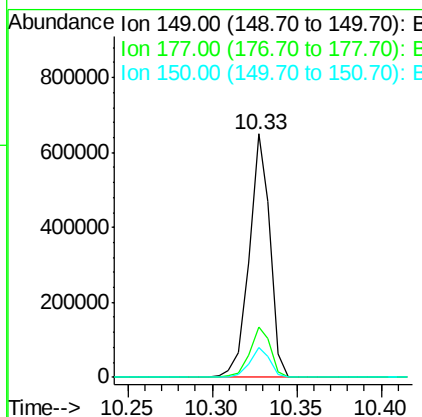
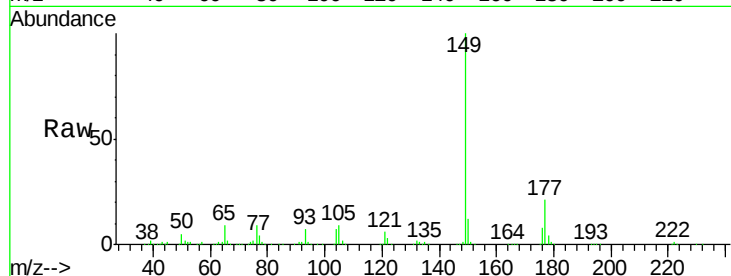




#59
Diethylphthalate
Concen: 42.56 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

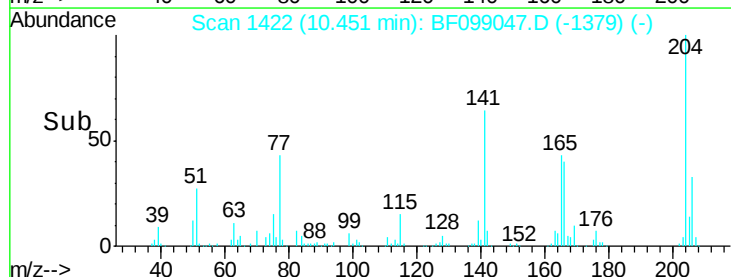
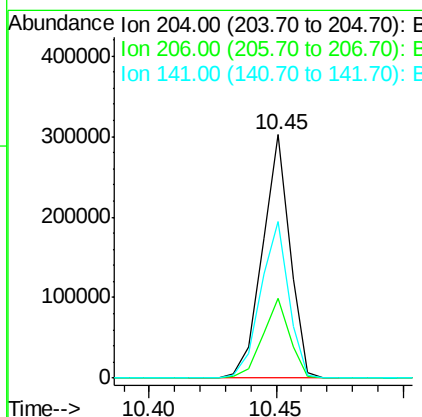
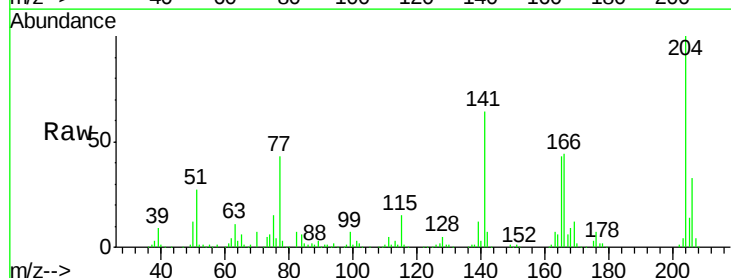
Instrument :
BNA_F
ClientSampled :

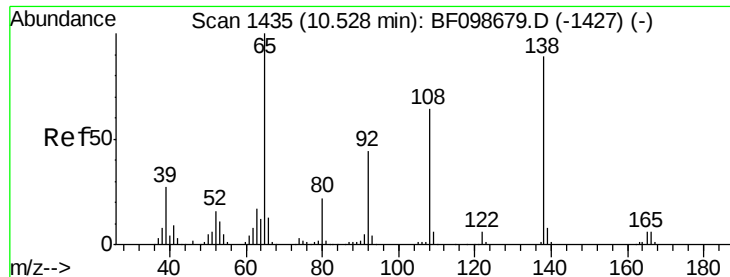
Tot Ion:149 Resp: 558254
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.86 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Tgt Ion:204 Resp: 229305
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 64.4 54.6 81.8

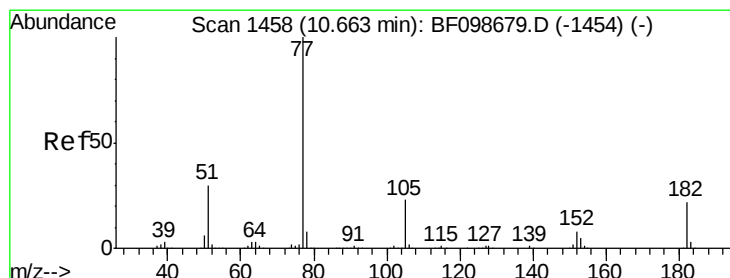
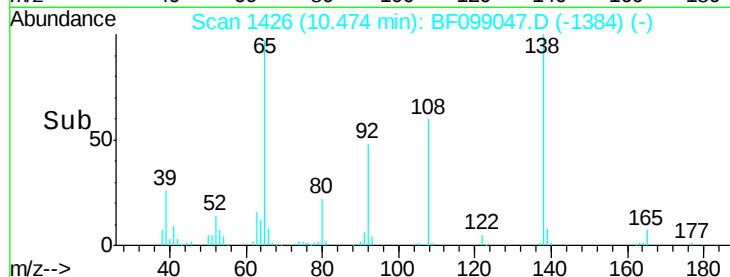
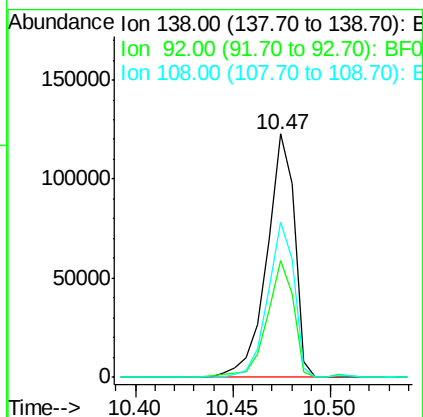
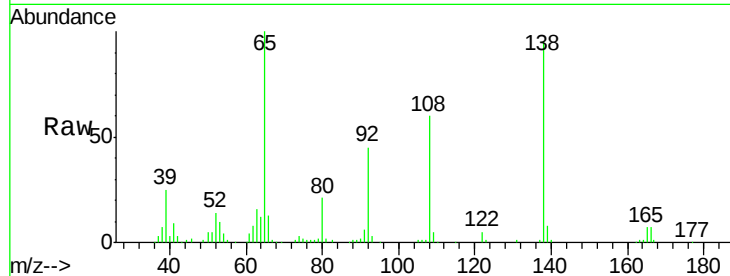




#61
4-Nitroaniline
Concen: 36.71 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

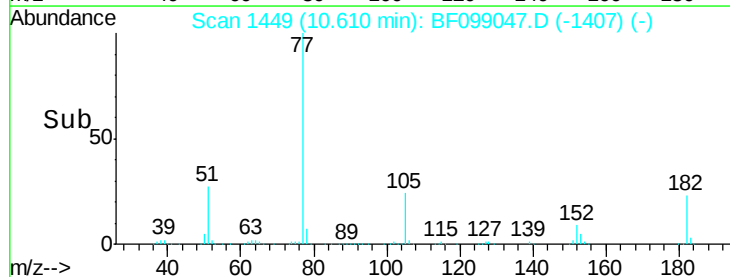
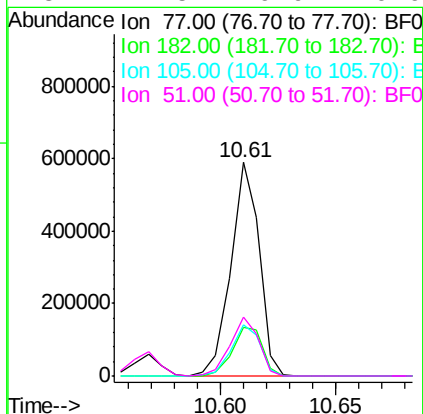
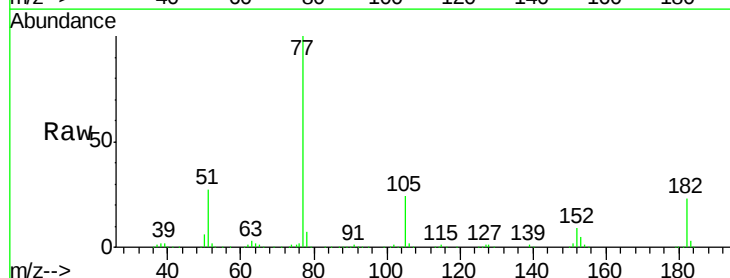
Instrument :
BNA_F
ClientSampleId :

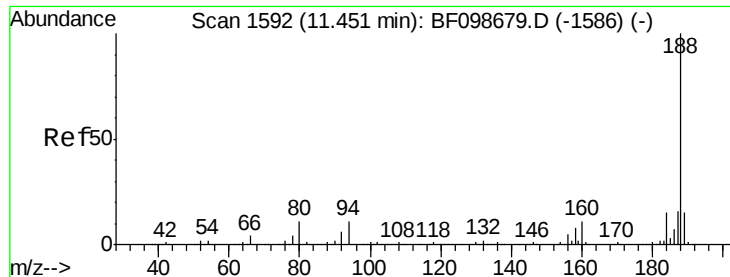
Tot Ion:138 Resp: 120695
Ion Ratio Lower Upper
138 100
92 47.8 30.2 70.2
108 63.5 52.5 92.5



#62
Azobenzene
Concen: 41.72 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Tgt Ion: 77 Resp: 503178
Ion Ratio Lower Upper
77 100
182 22.5 1.7 41.7
105 23.7 3.0 43.0
51 27.5 9.9 49.9

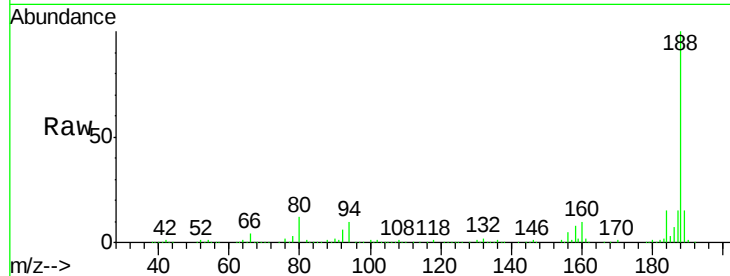




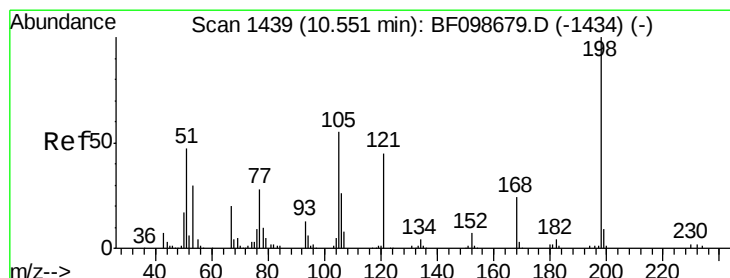
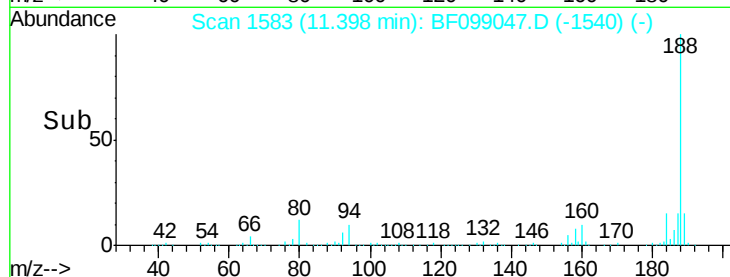
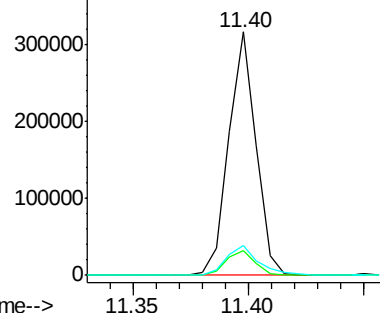
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 260422
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 12.1 9.2 13.8

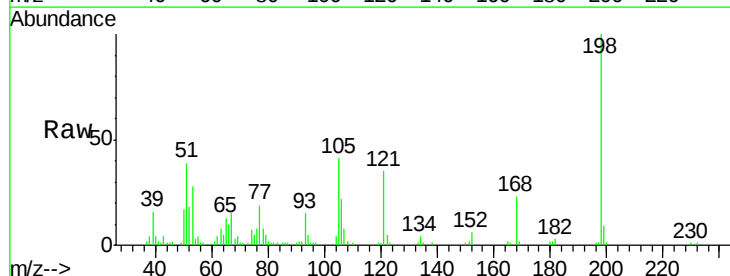


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

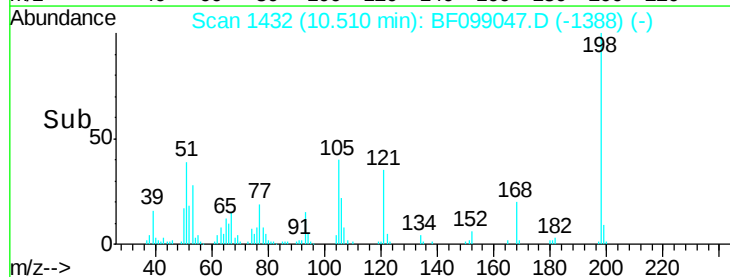
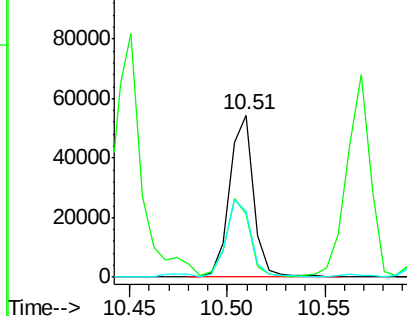


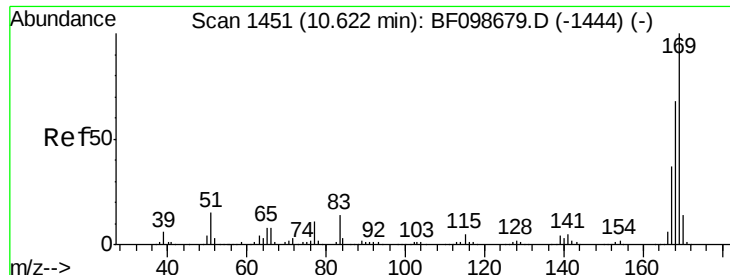
#64
4,6-Dinitro-2-methylphenol
Concen: 29.18 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.04 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Tgt Ion:198 Resp: 46230
Ion Ratio Lower Upper
198 100
51 39.1 37.7 77.7
105 41.0 36.3 76.3



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

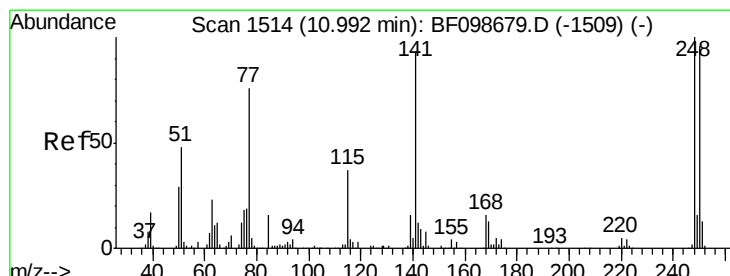
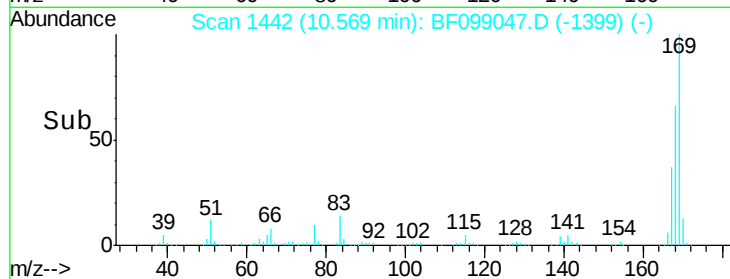
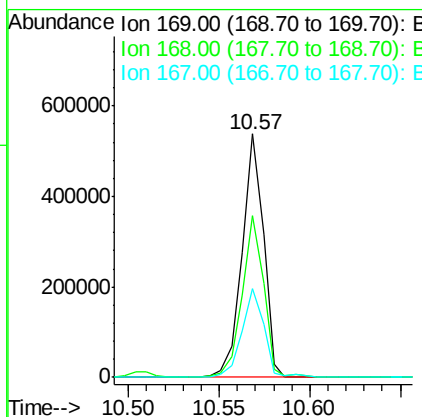
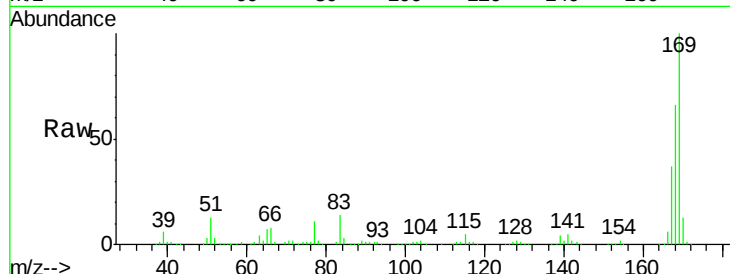




#65
 n-Nitrosodiphenylamine
 Concen: 48.81 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.05 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

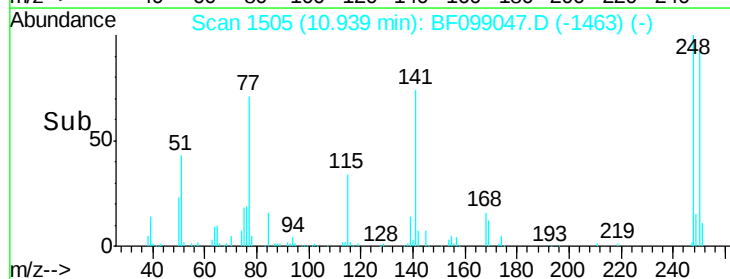
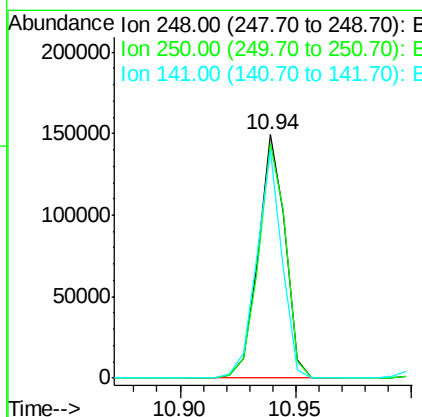
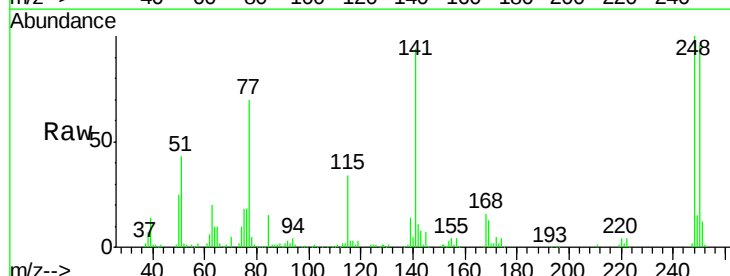
Instrument :
 BNA_F
 ClientSampleId :

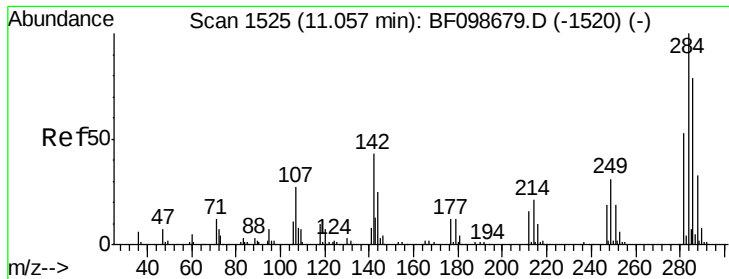
Tot Ion:169 Resp: 440310
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.4 81.6
 167 36.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 47.47 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.05 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

Tgt Ion:248 Resp: 121002
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.9 115.3
 141 93.6 74.4 111.6

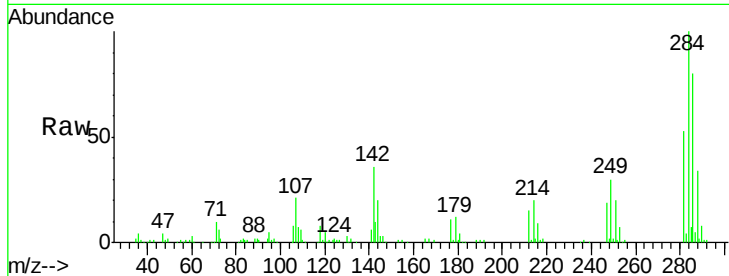




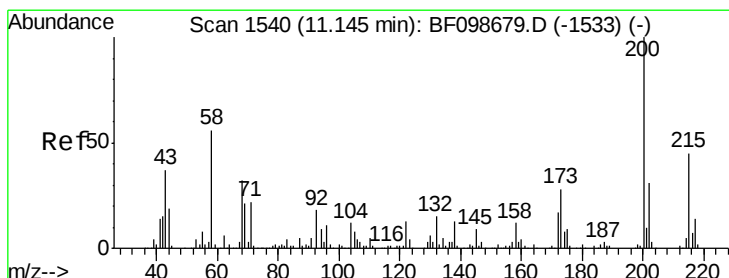
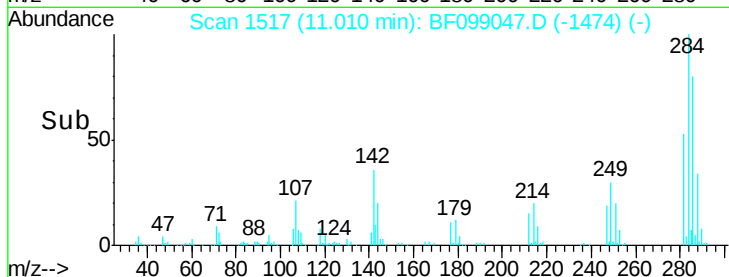
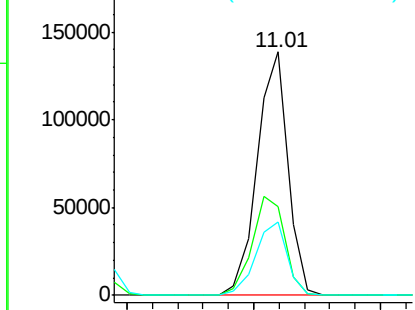
#67
Hexachlorobenzene
Concen: 43.04 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 117192
Ion Ratio Lower Upper
284 100
142 36.4 34.6 52.0
249 30.1 24.8 37.2

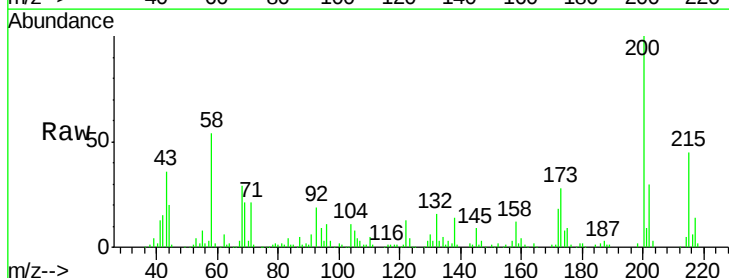


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

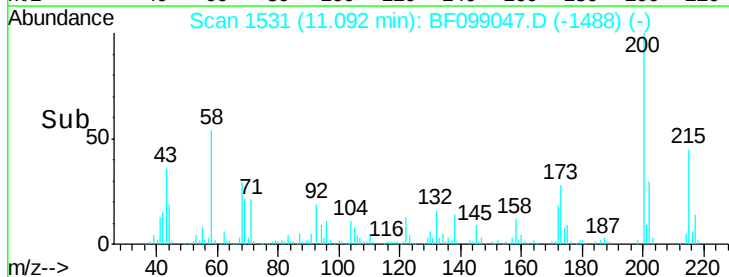
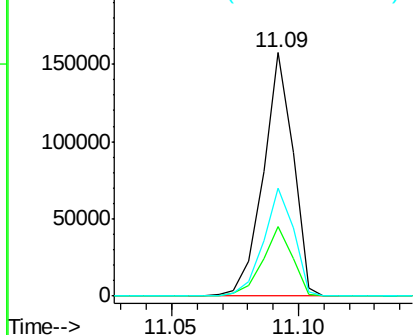


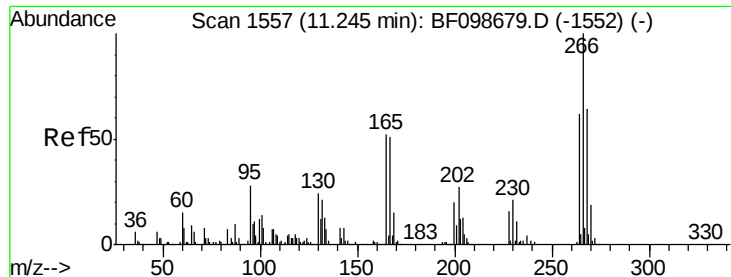
#68
Atrazine
Concen: 47.25 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Tgt Ion:200 Resp: 128262
Ion Ratio Lower Upper
200 100
173 28.4 8.6 48.6
215 44.6 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

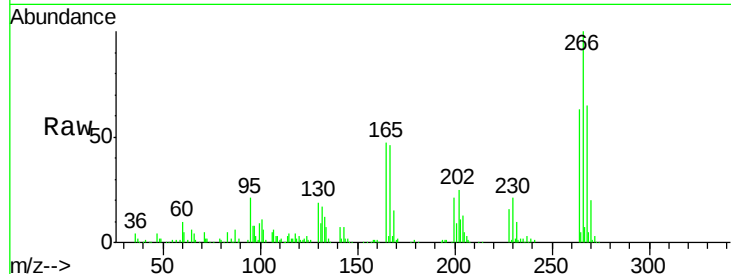




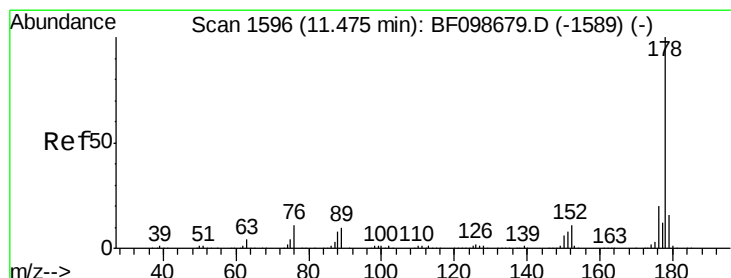
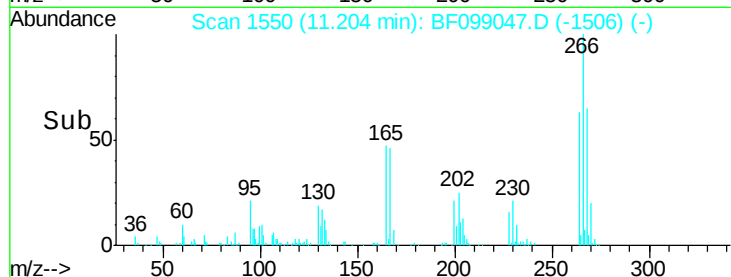
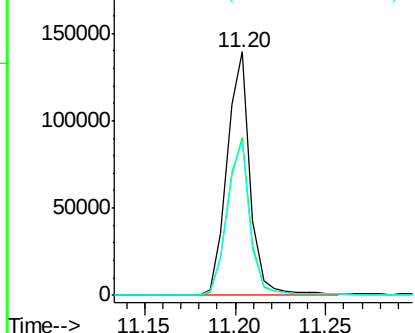
#69
 Pentachlorophenol
 Concen: 73.06 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.04 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	63.1	49.5	74.3

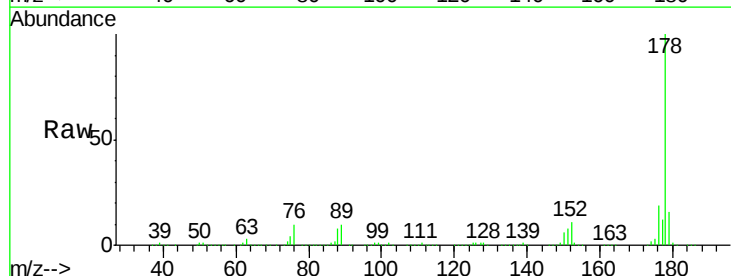


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

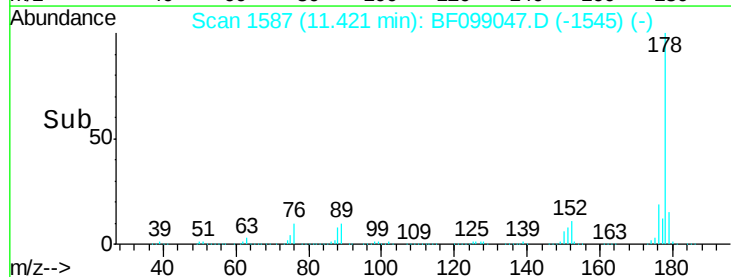
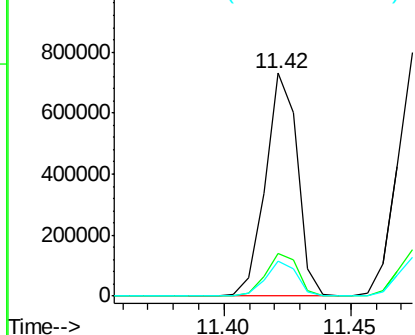


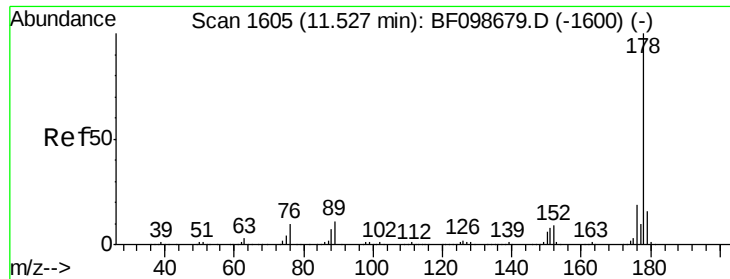
#70
 Phenanthrene
 Concen: 46.33 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.05 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.6	13.0	19.6



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

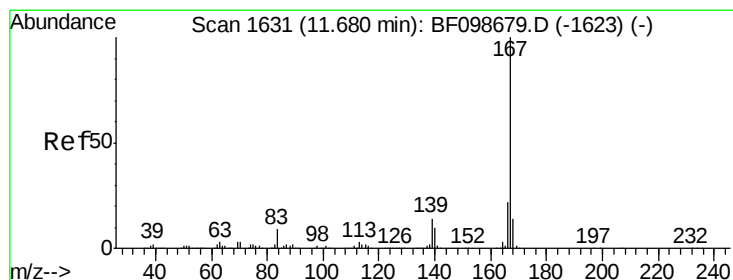
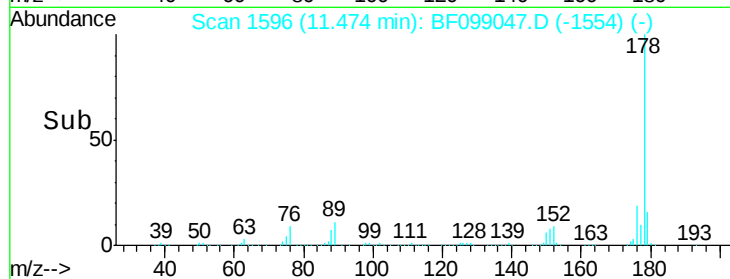
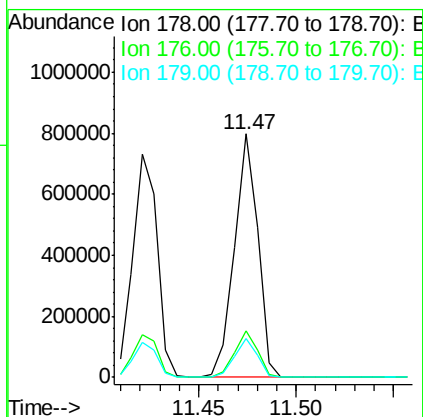
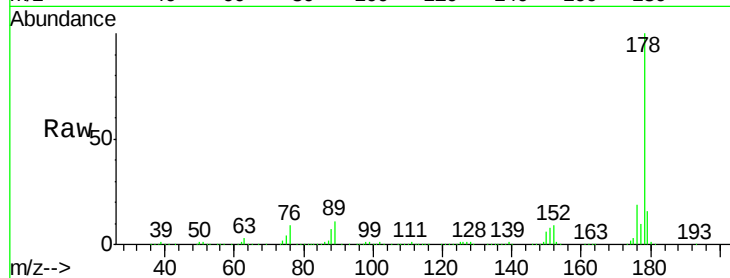




#71
 Anthracene
 Concen: 46.54 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.05 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

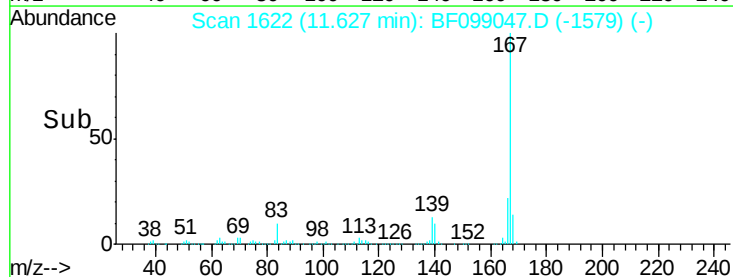
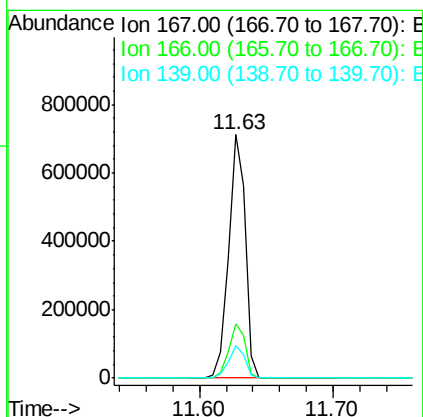
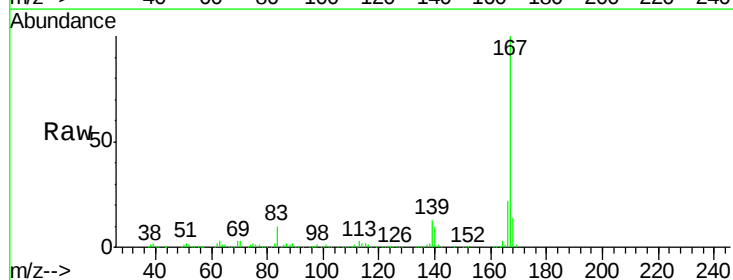
Instrument :
 BNA_F
 ClientSampled :

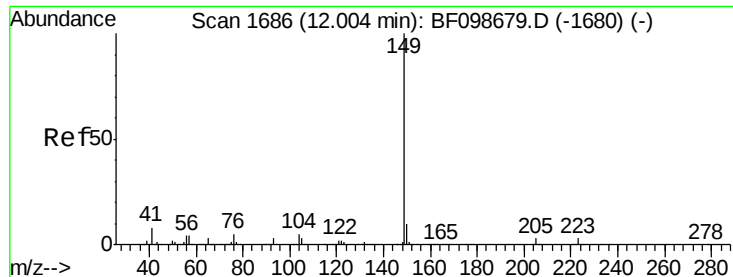
Tot Ion:178 Resp: 663818
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 44.89 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.05 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

Tgt Ion:167 Resp: 627039
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.16 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

Instrument :

BNA_F

ClientSampleId :

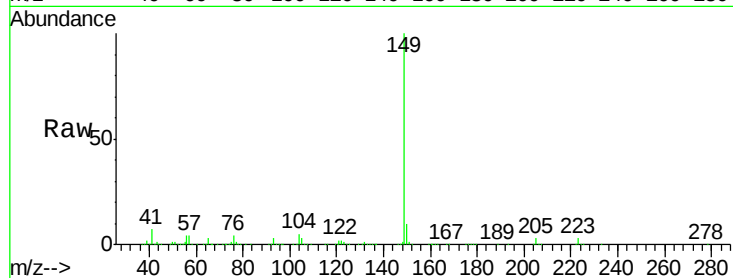
Tot Ion:149 Resp: 759280

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

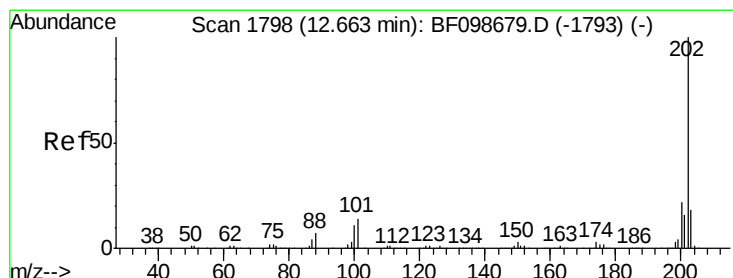
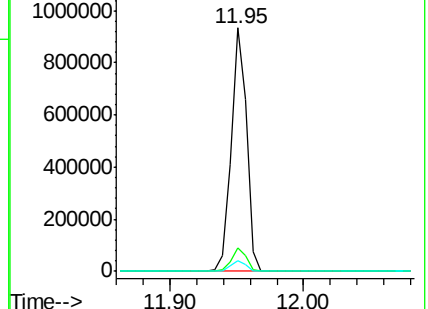
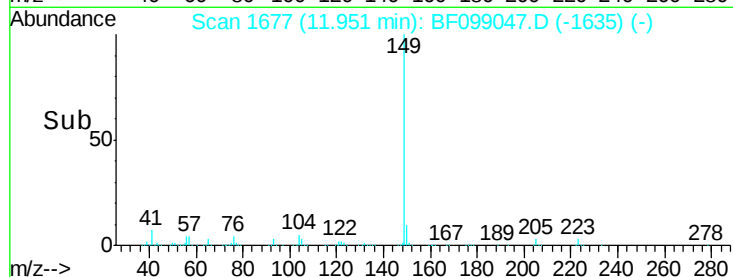
104 4.5 3.8 5.8



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: 50.28 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

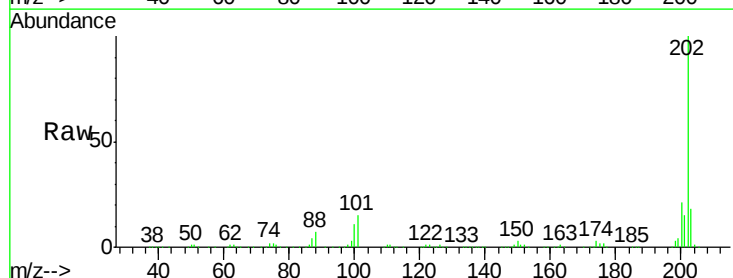
Tgt Ion:202 Resp: 709789

Ion Ratio Lower Upper

202 100

101 14.9 0.0 34.1

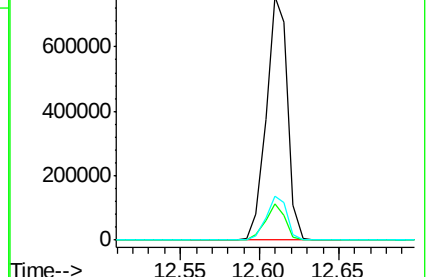
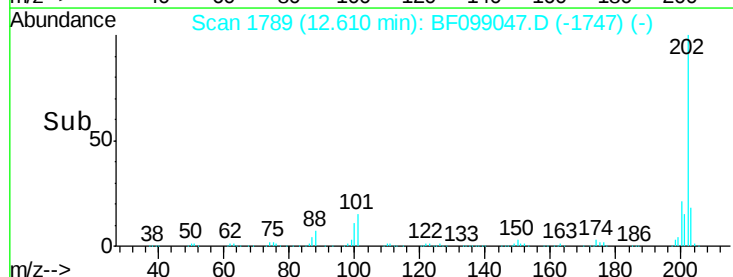
203 17.9 0.0 38.1

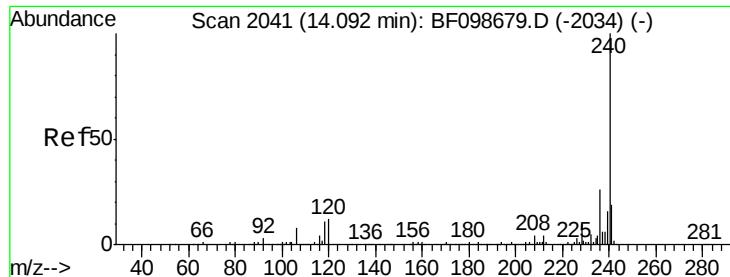


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.04 min Scan# 2032

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

Instrument :

BNA_F

ClientSampleId :

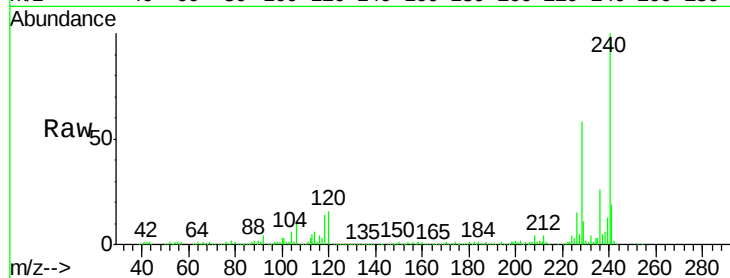
Tot Ion:240 Resp: 262932

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

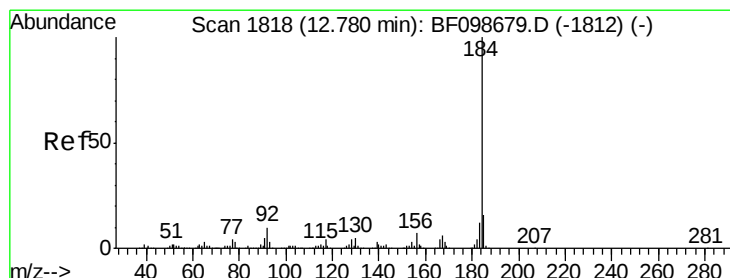
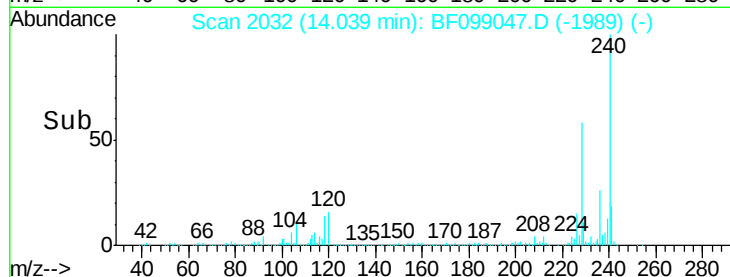
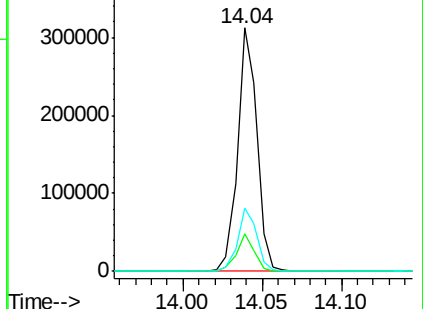
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.29 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

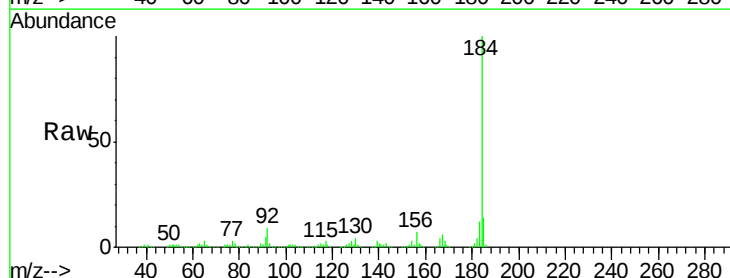
Tgt Ion:184 Resp: 459905

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

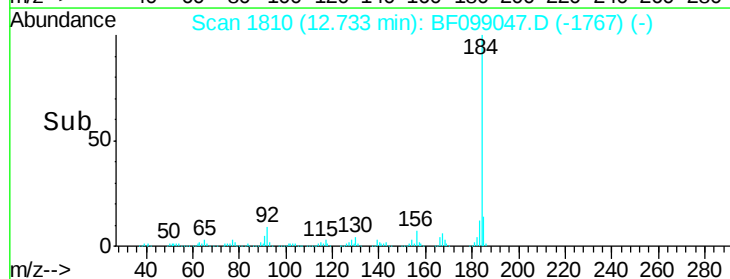
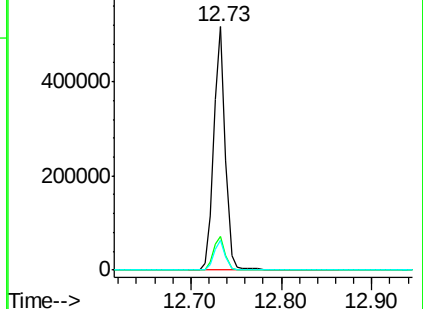
183 12.1 9.3 13.9

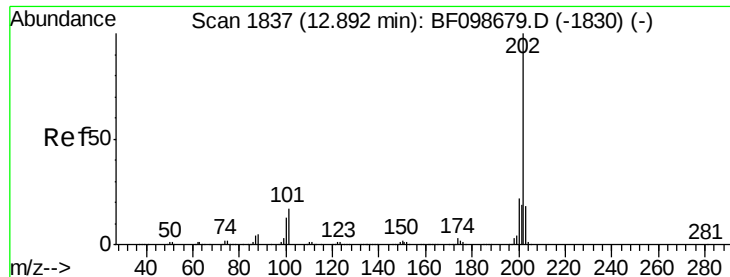


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.17 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

Instrument :

BNA_F

ClientSampleId :

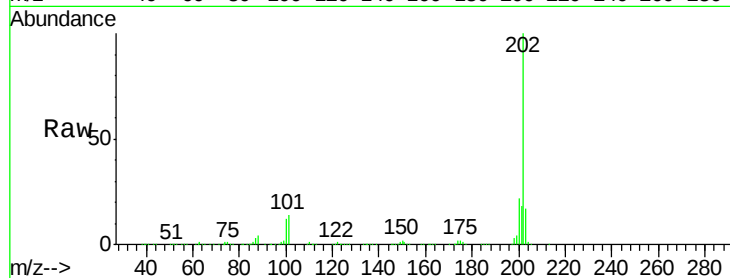
Tot Ion:202 Resp: 745286

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

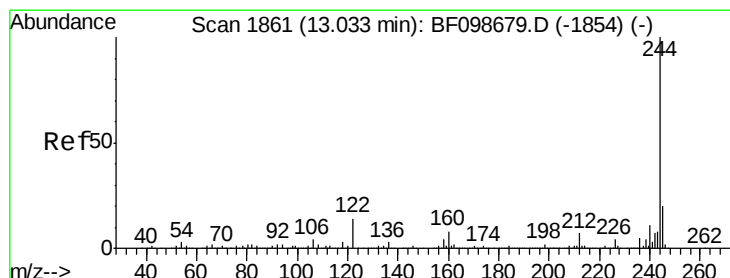
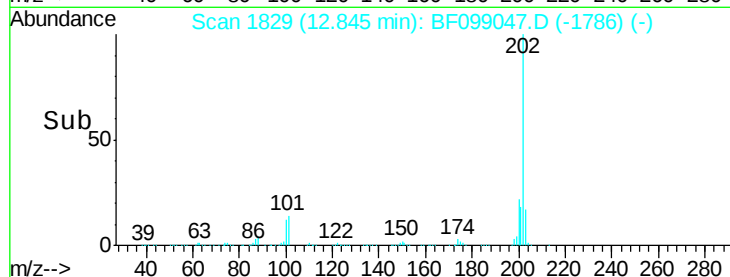
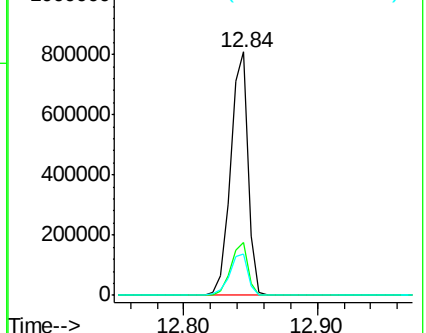
203 17.2 14.3 21.5



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: 71.49 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

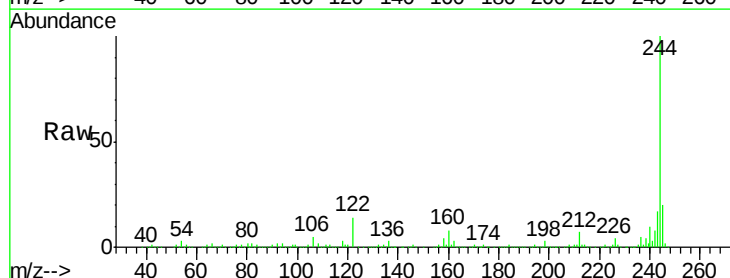
Tgt Ion:244 Resp: 826527

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

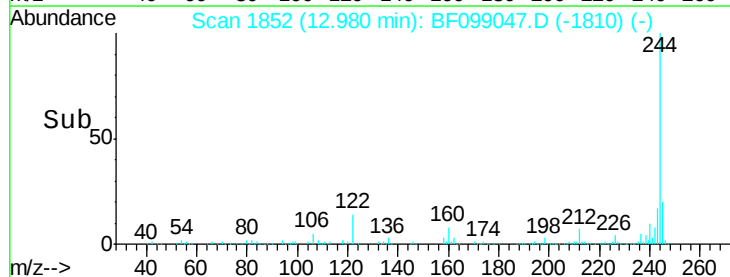
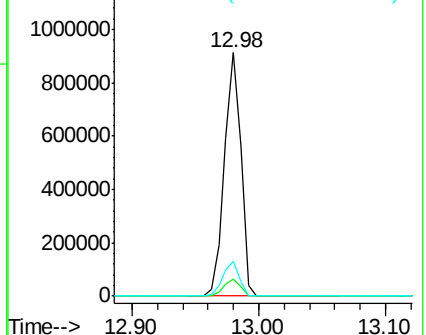
122 14.4 11.0 16.4

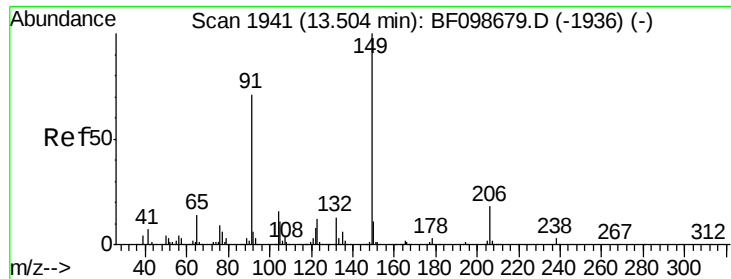


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

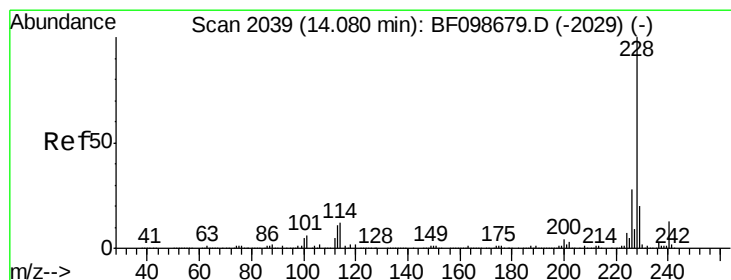
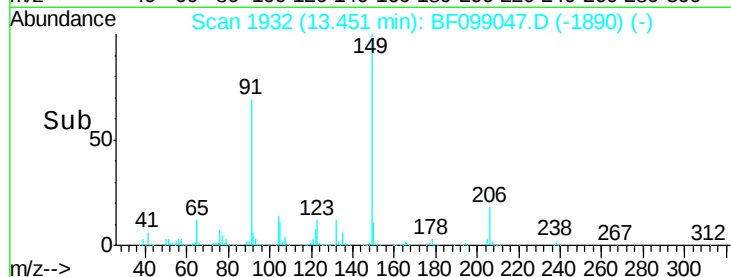
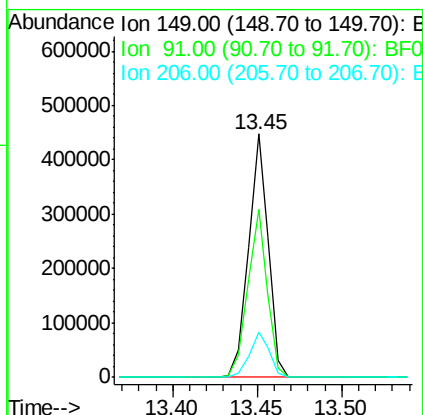
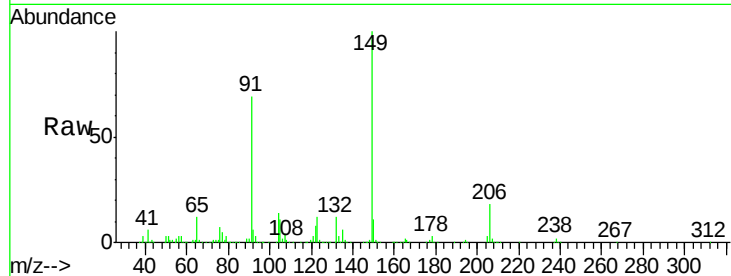




#79
Butylbenzylphthalate
Concen: 38.86 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

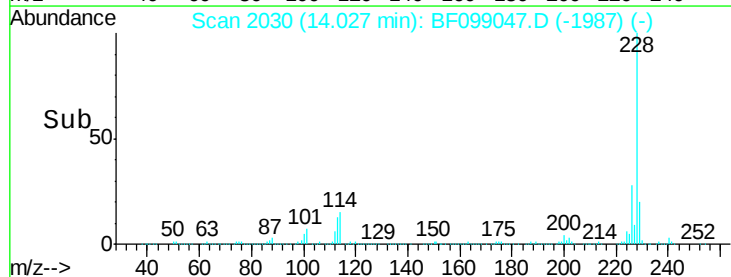
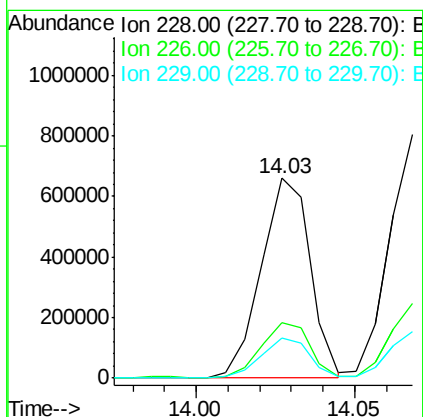
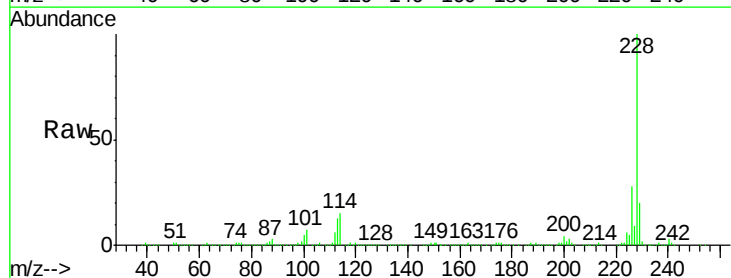
Instrument :
BNA_F
ClientSampleId :

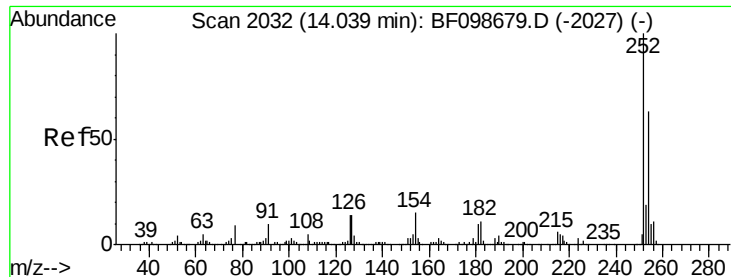
Tot Ion:149 Resp: 366137
Ion Ratio Lower Upper
149 100
91 69.0 56.8 85.2
206 18.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 44.51 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Tgt Ion:228 Resp: 708716
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.3 15.8 23.6

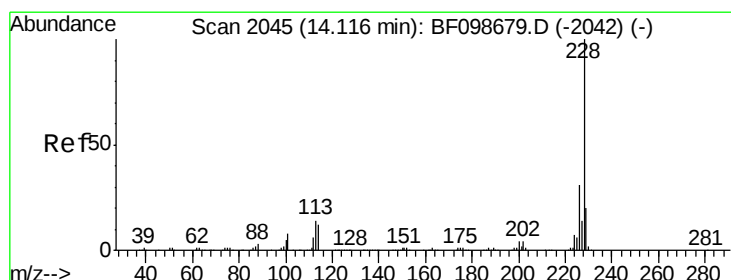
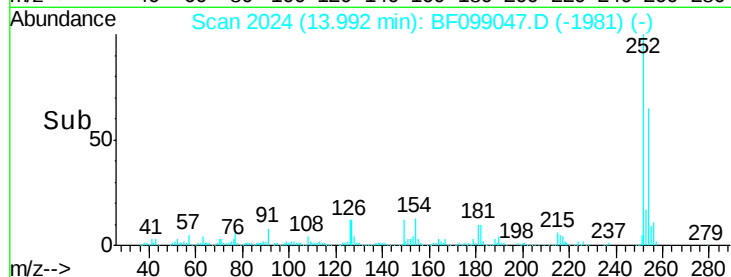
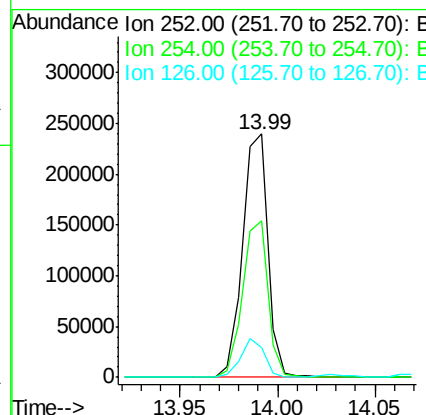
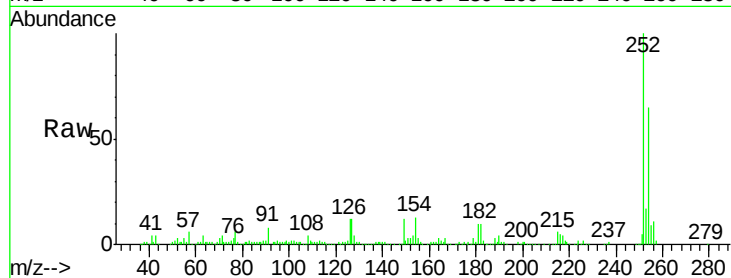




#81
 3,3'-Dichlorobenzidine
 Concen: 37.08 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.05 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

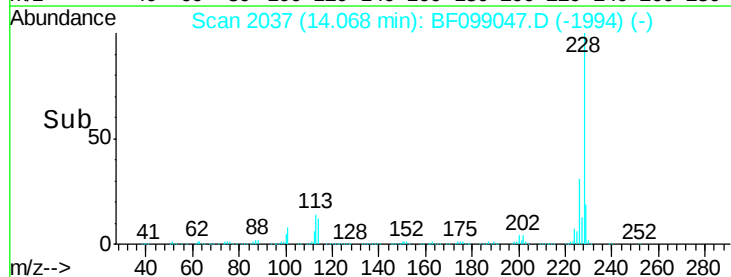
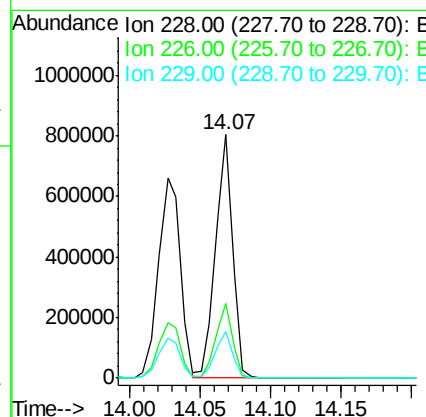
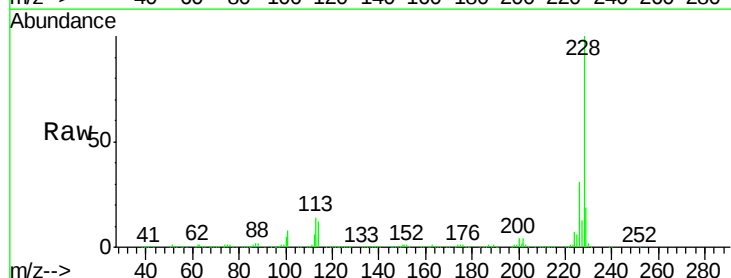
Instrument :
 BNA_F
 ClientSampleId :

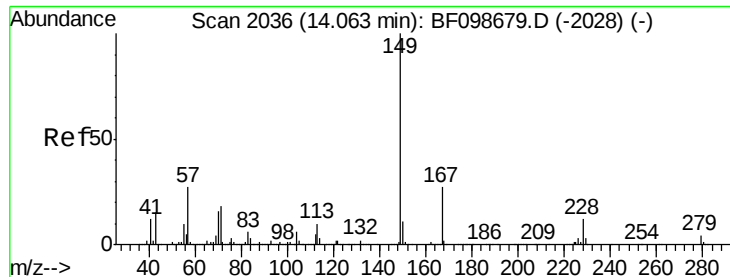
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	12.1	11.3	16.9



#82
 Chrysene
 Concen: 44.64 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.05 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.71 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

Instrument :

BNA_F

ClientSampleId :

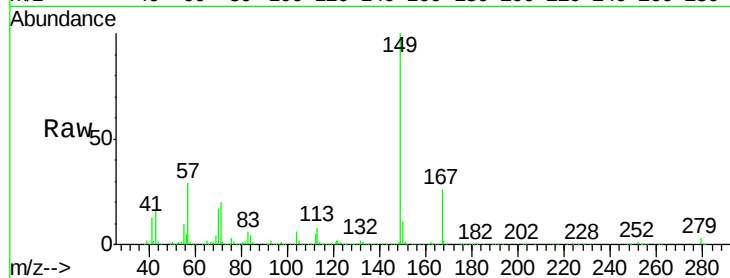
Tot Ion:149 Resp: 528170

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

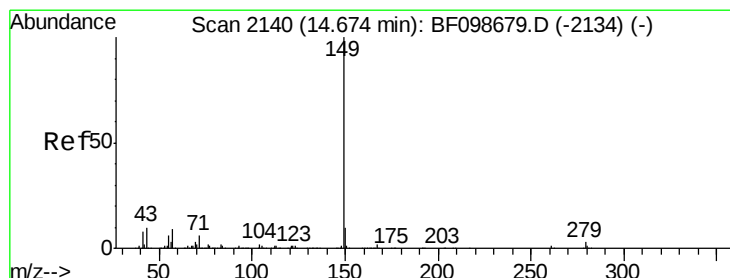
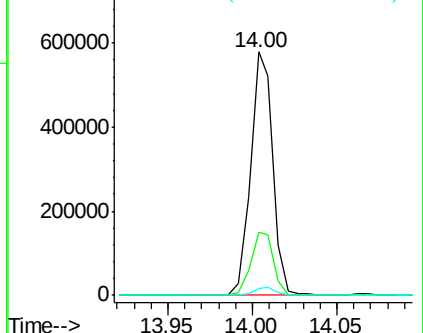
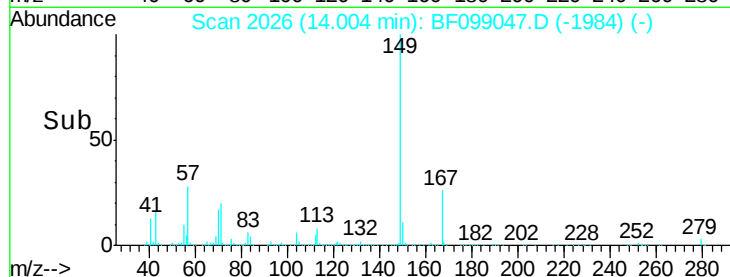
279 2.6 3.0 4.4#



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: 47.28 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.05 min

Lab File: BF099047.D

Acq: 3 Oct 2017 23:07

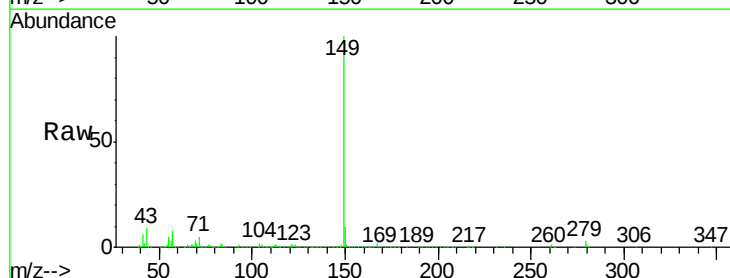
Tgt Ion:149 Resp: 987853

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

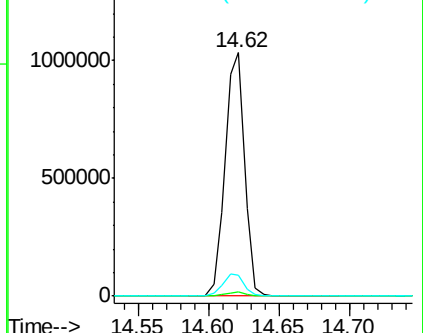
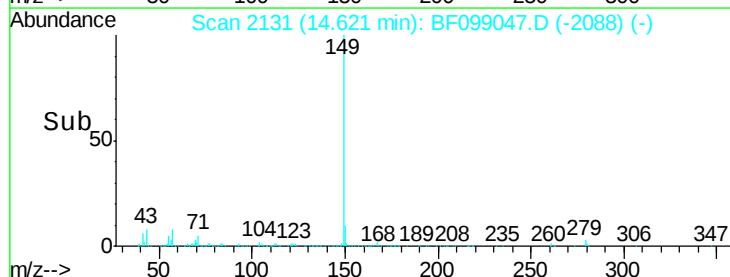
43 9.2 8.4 12.6

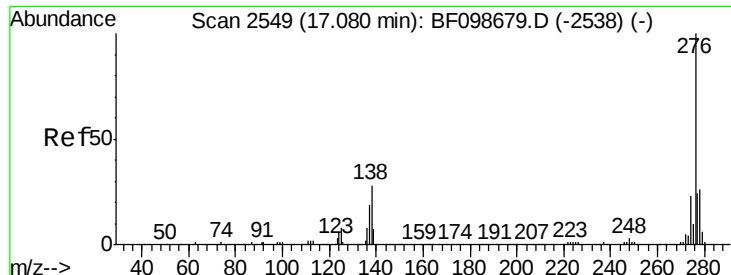


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

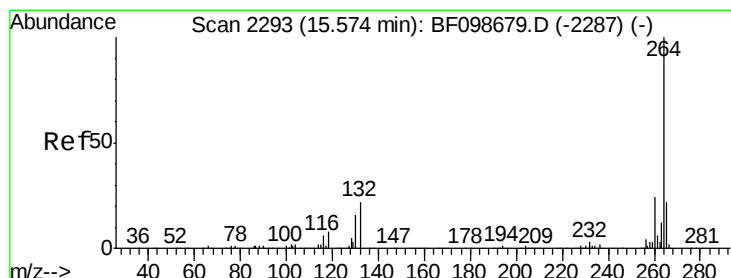
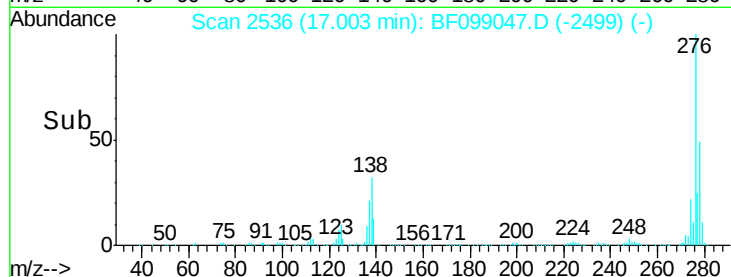
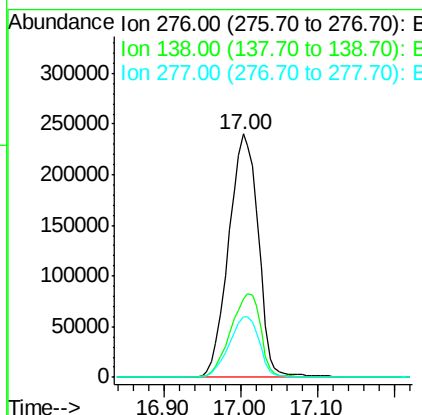
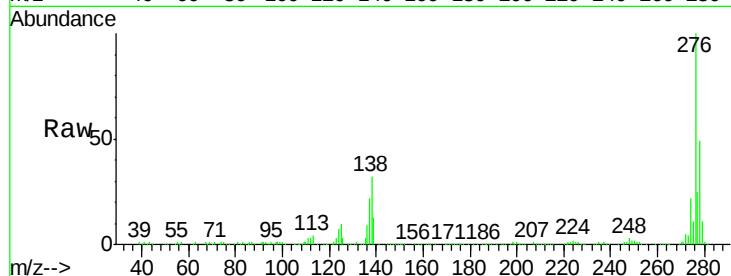




#85
Indeno(1,2,3-cd)pyrene
Concen: 53.33 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.08 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

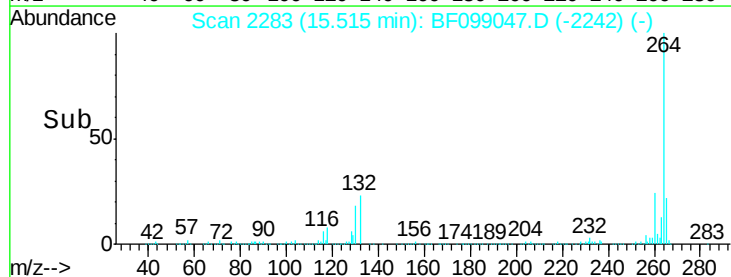
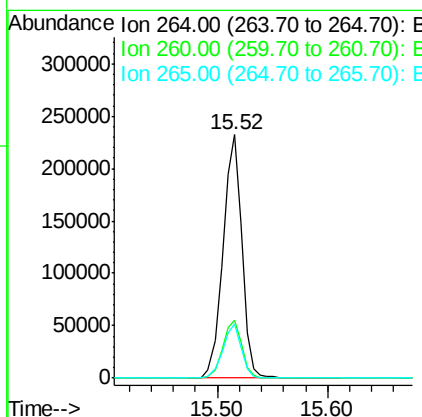
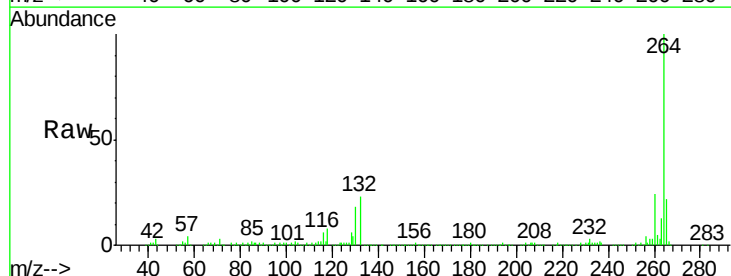
Instrument :
BNA_F
ClientSampleId :

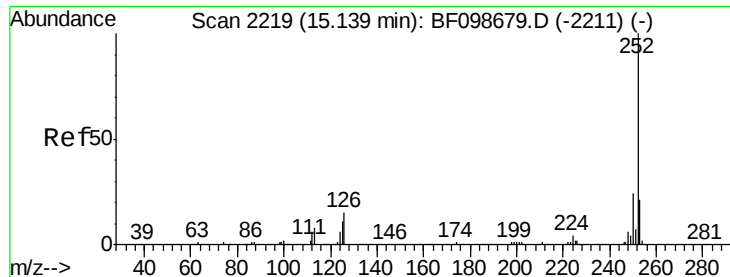
Tot Ion:276 Resp: 646612
Ion Ratio Lower Upper
276 100
138 35.0 25.0 37.6
277 25.3 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.06 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Tgt Ion:264 Resp: 277681
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.0 17.5 26.3

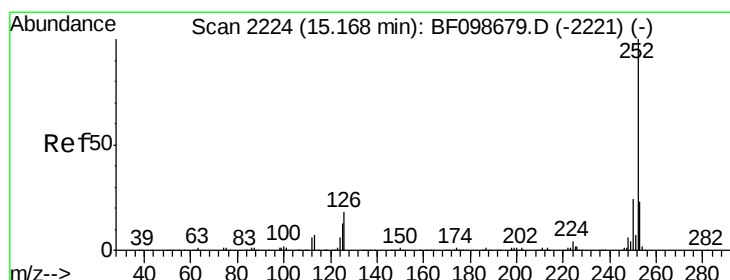
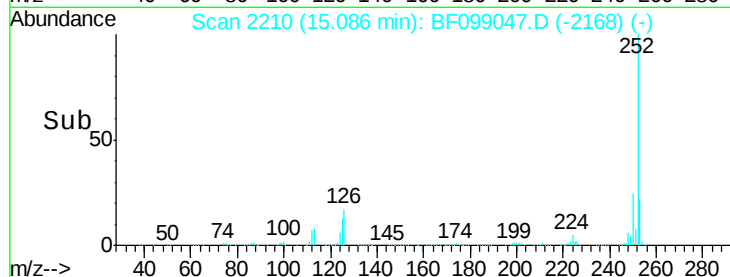
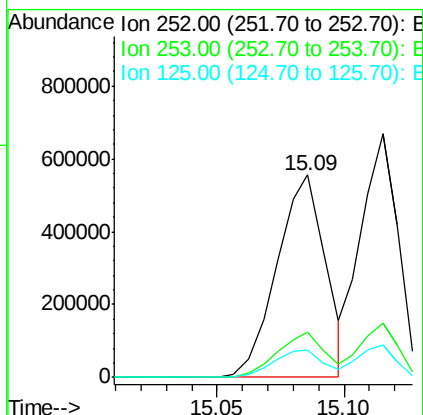
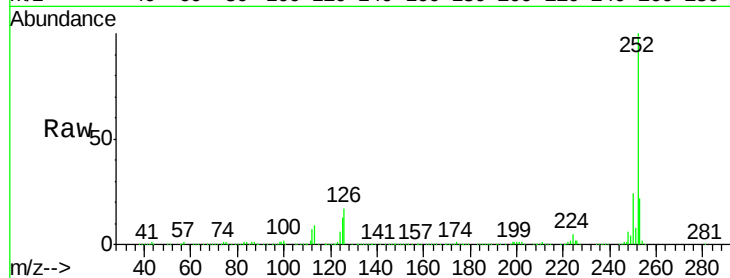




#87
Benzo(b)fluoranthene
Concen: 43.31 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

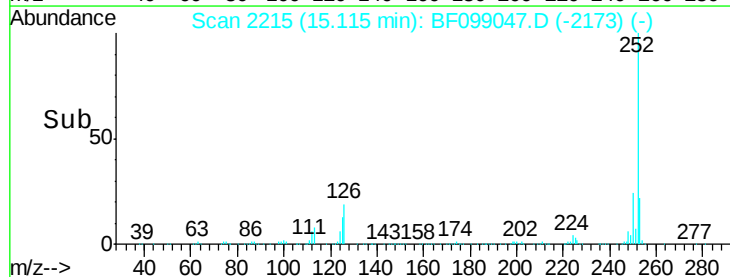
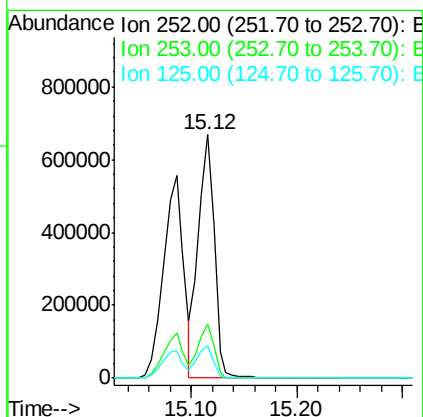
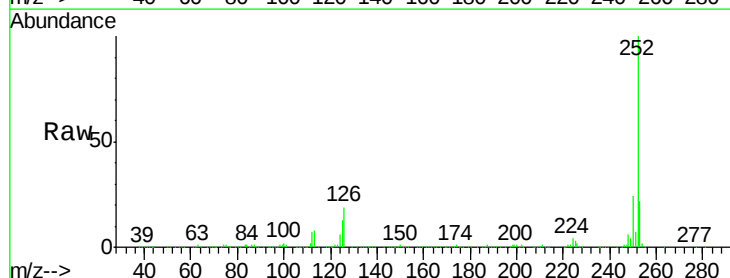
Instrument :
BNA_F
ClientSampleId :

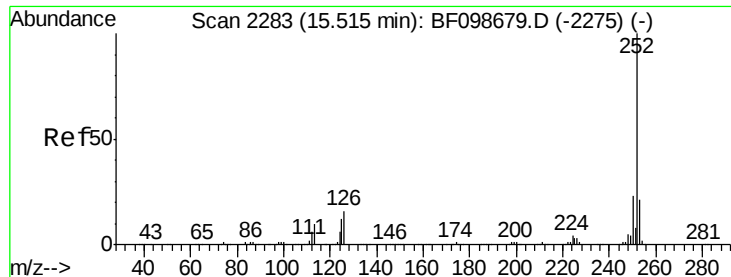
Tot Ion:252 Resp: 739384
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 13.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.40 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.05 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Tgt Ion:252 Resp: 698045
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 13.5 10.2 15.2

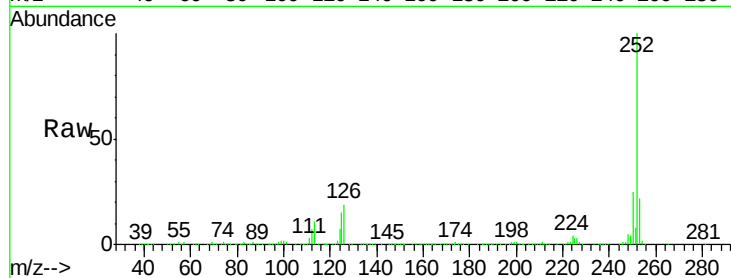




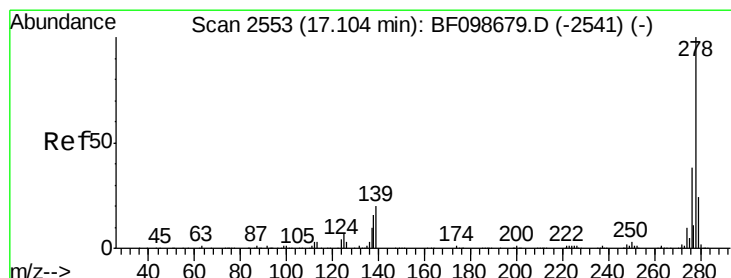
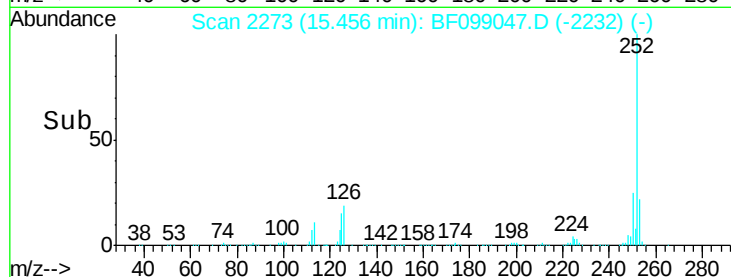
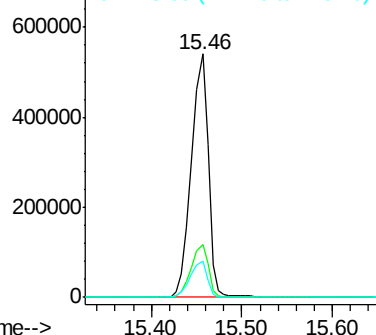
#89
Benzo(a)pyrene
Concen: 44.69 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.06 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 700354
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 15.1 9.8 14.6#

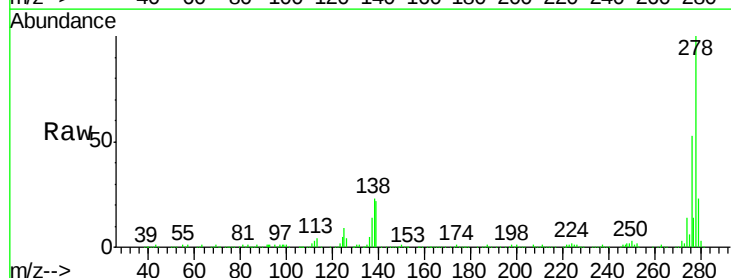


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

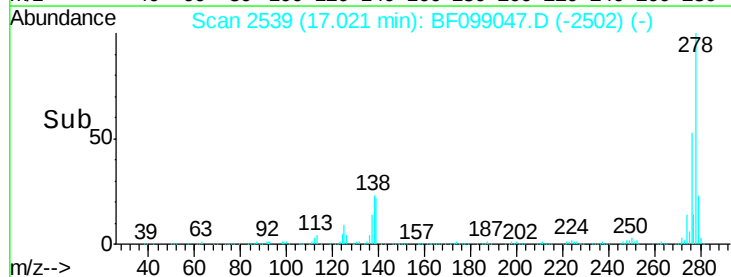
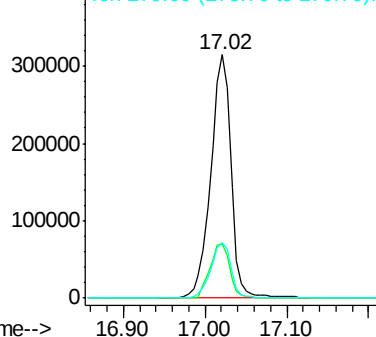


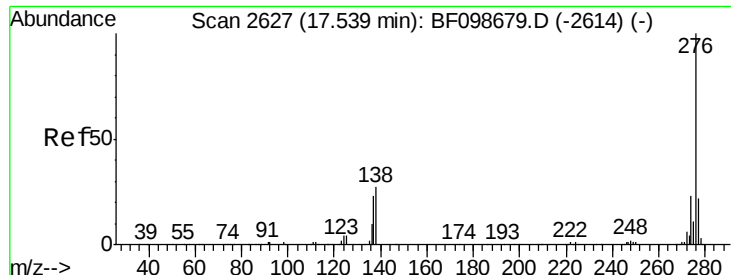
#90
Dibenzo(a,h)anthracene
Concen: 43.51 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.08 min
Lab File: BF099047.D
Acq: 3 Oct 2017 23:07

Tgt Ion:278 Resp: 545649
Ion Ratio Lower Upper
278 100
139 22.5 15.9 23.9
279 23.0 19.0 28.4



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

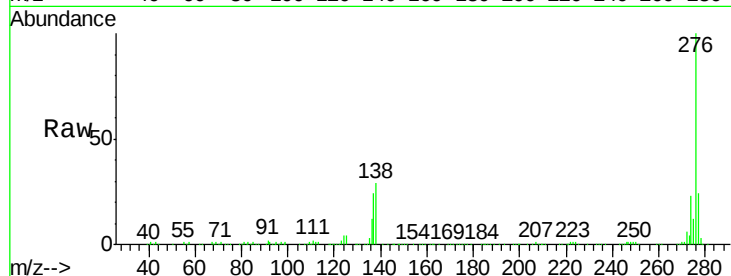




#91
 Benzo(a,h,i)perylene
 Concen: 40.72 ng
 RT: 17.46 min Scan# 2614
 Delta R.T. -0.08 min
 Lab File: BF099047.D
 Acq: 3 Oct 2017 23:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	28.7	21.8	32.8



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

