

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099507.D
 Acq On : 15 Oct 2017 12:09
 Operator : SJ/JU
 Sample : PB103252BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 01:02:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	94529	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	390901	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	178529	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	319268	20.00	ng	0.00
75) Chrysene-d12	14.02	240	215232	20.00	ng	0.00
86) Perylene-d12	15.48	264	152608	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	831754	140.07	ng	0.01
7) Phenol-d6	6.49	99	999589	136.46	ng	0.00
23) Nitrobenzene-d5	7.42	82	601238	98.64	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	212628	145.55	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1102957	103.14	ng	0.00
78) Terphenyl-d14	12.95	244	987400	104.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	104800	36.95	ng	93
3) Pyridine	3.46	79	285994	37.27	ng	92
4) n-Nitrosodimethylamine	3.41	42	118037	36.28	ng	79
6) Aniline	6.51	93	342995	34.69	ng	97
8) 2-Chlorophenol	6.63	128	291733	43.38	ng	95
9) Benzaldehyde	6.40	77	96398	22.69	ng	95
10) Phenol	6.50	94	358667	43.78	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	273363	42.92	ng	98
12) 1,3-Dichlorobenzene	6.79	146	307682	43.69	ng	97
13) 1,4-Dichlorobenzene	6.86	146	313669	43.78	ng	98
14) 1,2-Dichlorobenzene	7.02	146	288213	43.53	ng	98
15) Benzyl Alcohol	6.99	79	217578	40.49	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	379024	38.20	ng	90
17) 2-Methylphenol	7.10	107	239113	43.46	ng	99
18) Hexachloroethane	7.35	117	110751	43.00	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	178498	38.17	ng	94
20) 3+4-Methylphenols	7.26	107	281092	40.38	ng	# 74
22) Acetophenone	7.26	105	376167	39.72	ng	# 96
24) Nitrobenzene	7.43	77	288254	41.69	ng	92
25) Isophorone	7.67	82	534891	42.44	ng	98
26) 2-Nitrophenol	7.75	139	161688	48.63	ng	91
27) 2,4-Dimethylphenol	7.78	122	256232	40.81	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	342880	43.66	ng	99
29) 2,4-Dichlorophenol	7.99	162	243045	45.08	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	246064	45.63	ng	99
31) Naphthalene	8.15	128	817941	44.55	ng	100
32) Benzoic acid	7.92	122	132630	25.71	ng	97
33) 4-Chloroaniline	8.20	127	244491	31.89	ng	98
34) Hexachlorobutadiene	8.26	225	120614	43.43	ng	99
35) Caprolactam	8.58	113	38256	22.12	ng	# 83
36) 4-Chloro-3-methylphenol	8.69	107	252585	41.68	ng	95
37) 2-Methylnaphthalene	8.84	142	568345	47.62	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	226524	42.55	ng	99
40) Hexachlorocyclopentadiene	8.99	237	153702	63.17	ng	99

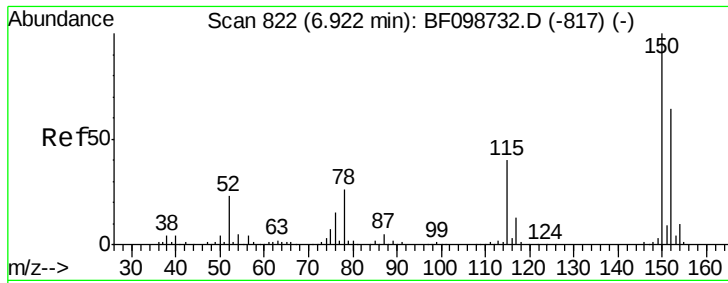
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	156726	41.55	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	160249	42.56	nq	93
45) 1,1'-Biphenyl	9.30	154	653938	42.62	nq	99
46) 2-Chloronaphthalene	9.33	162	517144	44.89	nq	96
47) 2-Nitroaniline	9.43	65	151291	42.89	nq	91
48) Acenaphthylene	9.75	152	779809	44.22	nq	100
49) Dimethylphthalate	9.60	163	607132	45.06	nq	100
50) 2,6-Dinitrotoluene	9.67	165	136779	46.63	nq	# 85
51) Acenaphthene	9.92	154	460702	41.24	nq	100
52) 3-Nitroaniline	9.85	138	120296	35.17	nq	93
53) 2,4-Dinitrophenol	9.96	184	98885	65.86	nq	96
54) Dibenzofuran	10.09	168	683612	45.96	nq	99
55) 4-Nitrophenol	10.02	139	178355	61.67	nq	90
56) 2,4-Dinitrotoluene	10.08	165	172843	45.40	nq	95
57) Fluorene	10.43	166	548503	45.88	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	120613	46.37	nq	95
59) Diethylphthalate	10.30	149	574657	43.65	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	243336	45.31	nq	95
61) 4-Nitroaniline	10.46	138	157595	47.76	nq	91
62) Azobenzene	10.58	77	543610	44.90	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	76633	39.45	nq	81
65) n-Nitrosodiphenylamine	10.55	169	495050	44.76	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	141874	45.40	nq	94
67) Hexachlorobenzene	10.98	284	144913	43.42	nq	96
68) Atrazine	11.07	200	153614	46.16	nq	97
69) Pentachlorophenol	11.18	266	118196	56.90	nq	97
70) Phenanthrene	11.40	178	784163	45.89	nq	99
71) Anthracene	11.45	178	810885	46.37	nq	99
72) Carbazole	11.60	167	764837	44.67	nq	99
73) Di-n-butylphthalate	11.92	149	928211	45.04	nq	99
74) Fluoranthene	12.59	202	806247	46.59	nq	99
76) Benzidine	12.70	184	347990	43.71	nq	98
77) Pyrene	12.82	202	823817	50.20	nq	100
79) Butylbenzylphthalate	13.42	149	376760	48.85	nq	95
80) Benzo(a)anthracene	14.00	228	612156	46.97	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	130946	27.41	nq	98
82) Chrysene	14.05	228	574756	46.32	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	502072	47.27	nq	# 99
84) Di-n-octyl phthalate	14.59	149	719242	42.06	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.97	276	442309	44.56	nq	96
87) Benzo(b)fluoranthene	15.06	252	447912	47.74	nq	98
88) Benzo(k)fluoranthene	15.08	252	420299	45.35	nq	99
89) Benzo(a)pyrene	15.42	252	406013	47.14	nq	98
90) Dibenzo(a,h)anthracene	16.97	278	371153	53.85	nq	96
91) Benzo(g,h,i)perylene	17.42	276	390973	57.38	nq	94

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

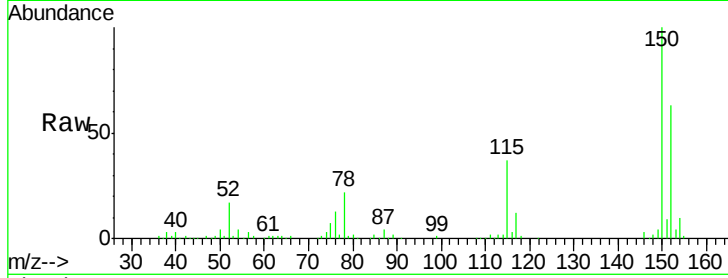


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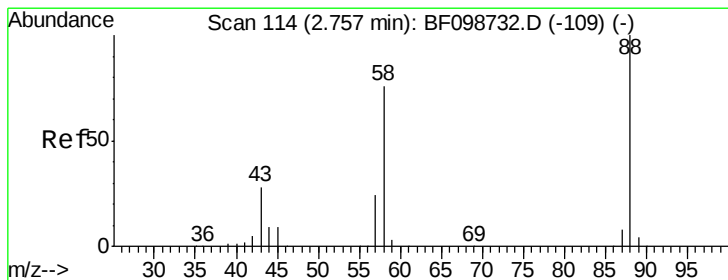
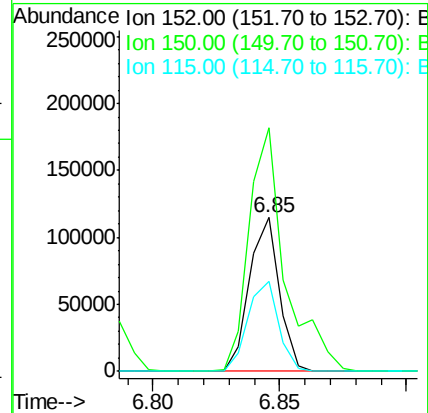
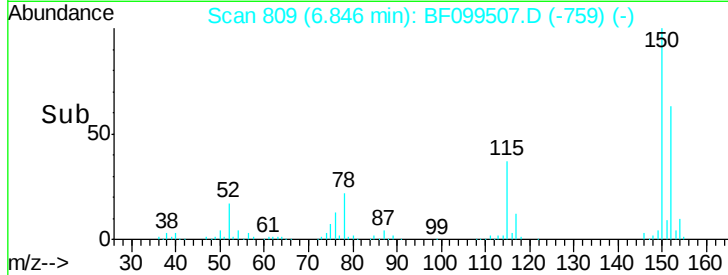
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 94529
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 58.1 50.1 75.1



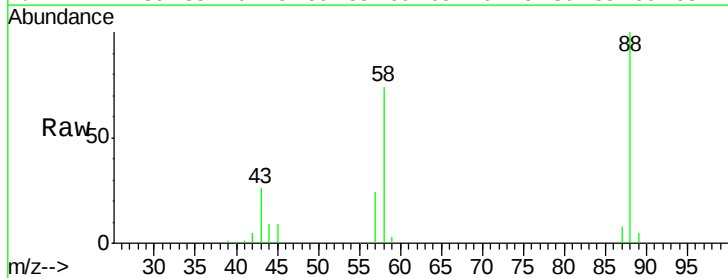
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



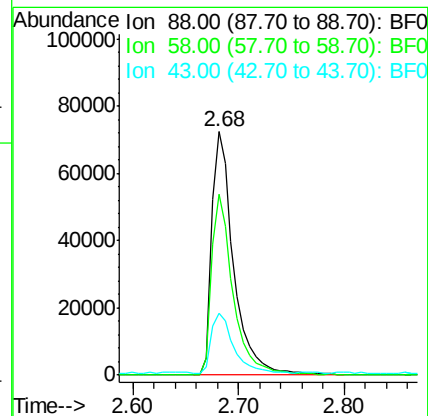
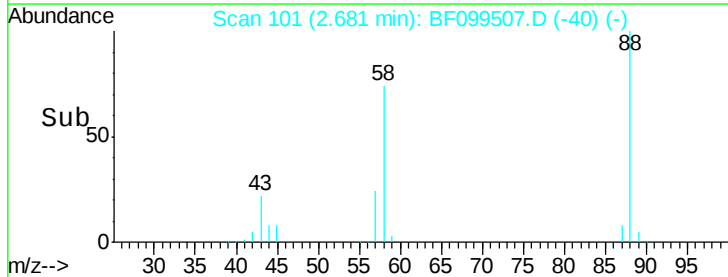
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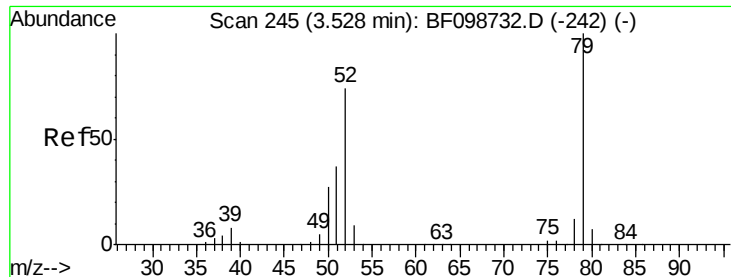
1,4-Dioxane
Concen: 36.95 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.06 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Tgt Ion: 88 Resp: 104800
Ion Ratio Lower Upper
88 100
58 73.1 62.6 93.8
43 25.3 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.27 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.06 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Instrument :

BNA_F

ClientSampled :

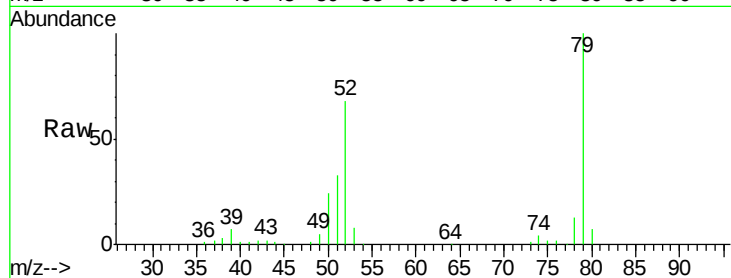
Tot Ion: 79 Resp: 285994

Ion Ratio Lower Upper

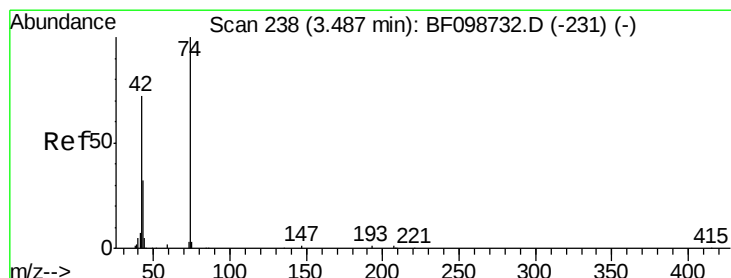
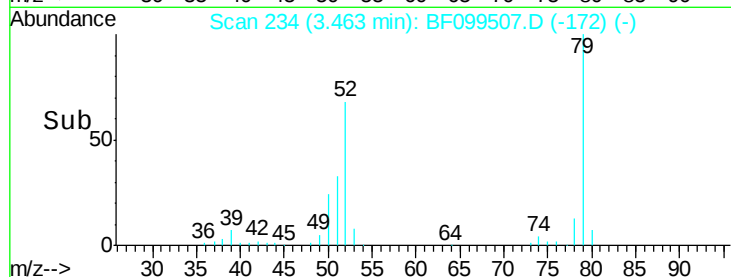
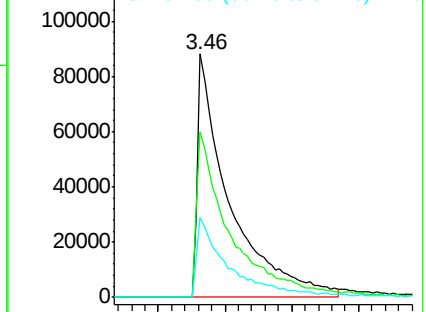
79 100

52 68.0 59.8 89.6

51 32.7 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 36.28 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.05 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

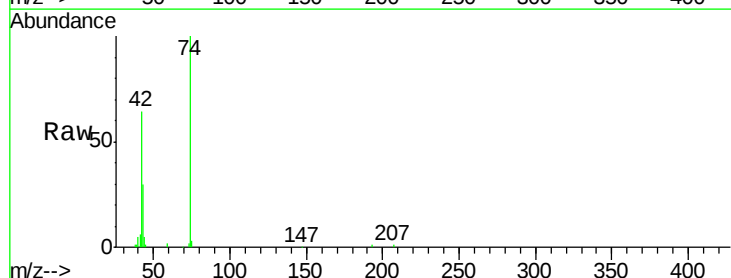
Tgt Ion: 42 Resp: 118037

Ion Ratio Lower Upper

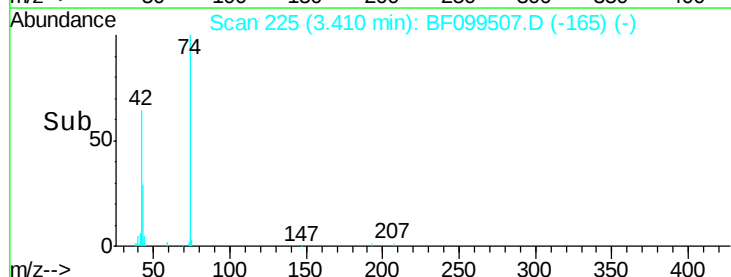
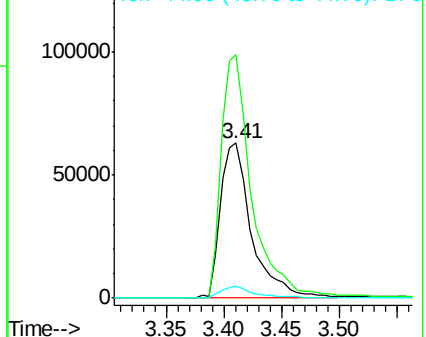
42 100

74 157.2 104.9 157.3

44 7.8 6.9 10.3



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





#5

2-Fluorophenol

Concen: 140.07 ng

RT: 5.48 min Scan# 577

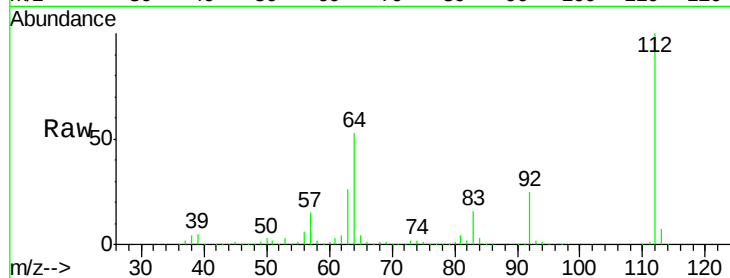
Delta R.T. 0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Instrument :
BNA_F
ClientSampleId :

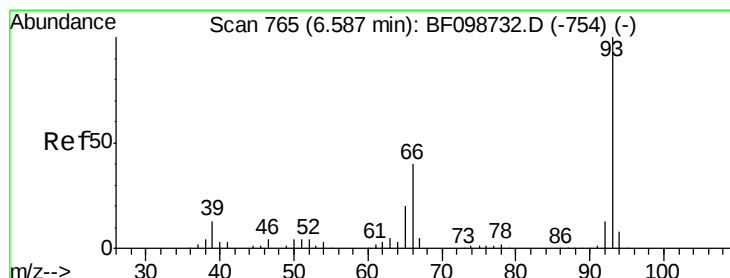
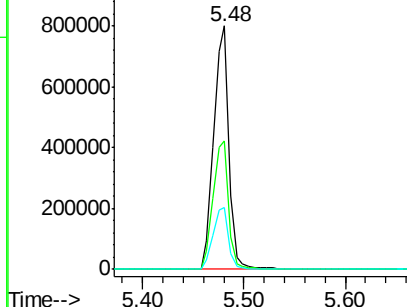
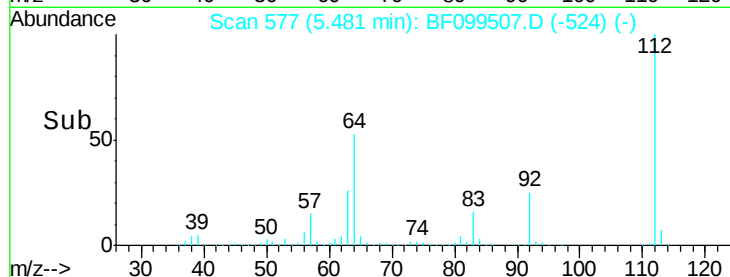
Tot Ion:	112	Resp:	831754
Ion	Ratio	Lower	Upper
112	100		
64	53.0	47.9	71.9
63	25.6	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.69 ng

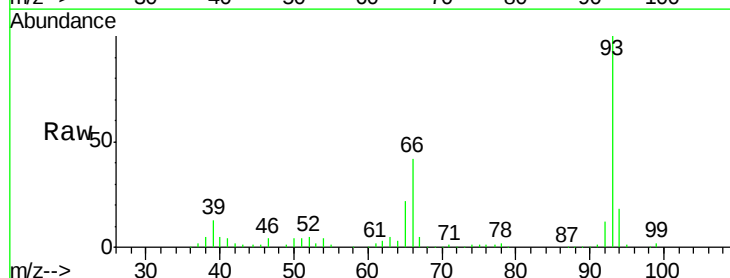
RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

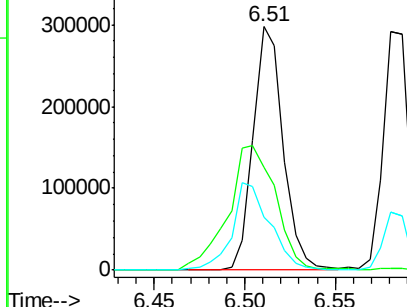
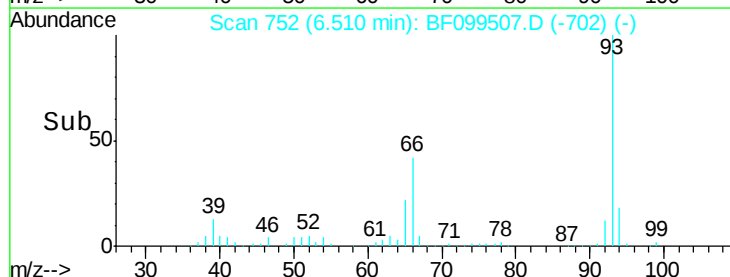
Tgt Ion:	93	Resp:	342995
Ion	Ratio	Lower	Upper
93	100		
66	42.1	32.2	48.2
65	21.9	16.4	24.6

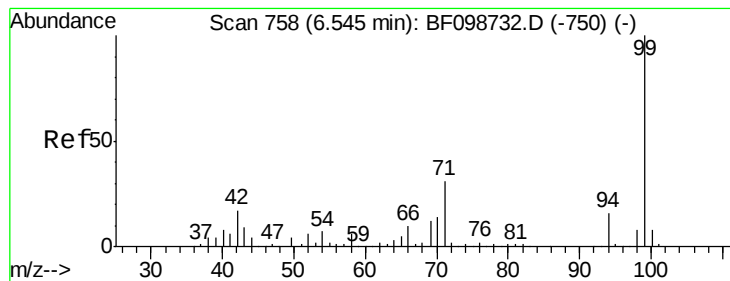


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 136.46 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Instrument :

BNA_F

ClientSampleId :

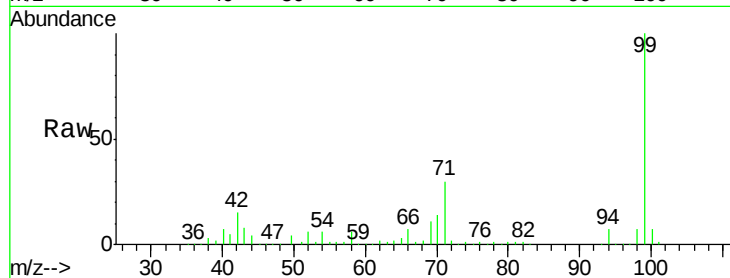
Tot Ion: 99 Resp: 999589

Ion Ratio Lower Upper

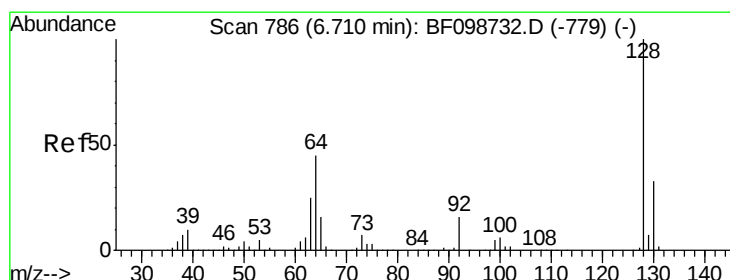
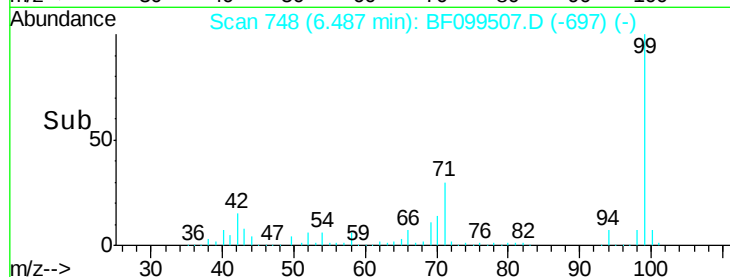
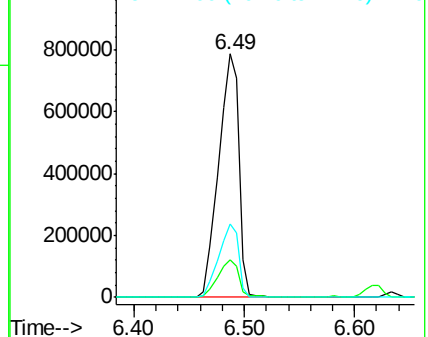
99 100

42 15.4 14.5 21.7

71 30.3 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: 43.38 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

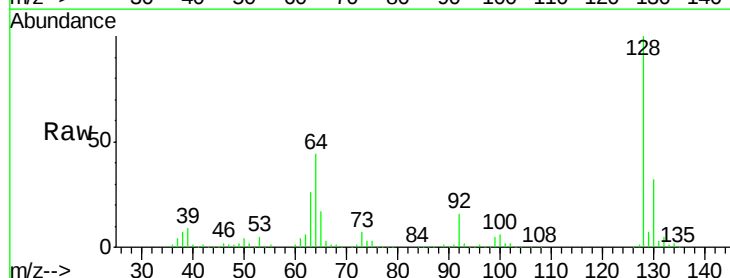
Tgt Ion: 128 Resp: 291733

Ion Ratio Lower Upper

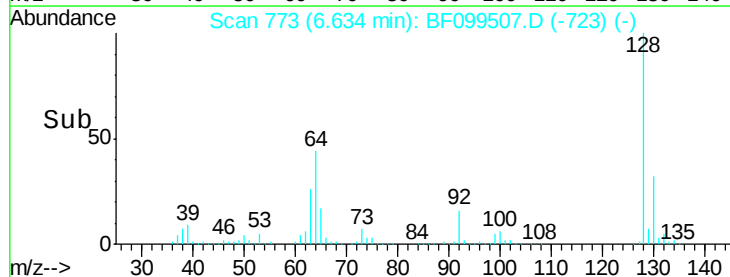
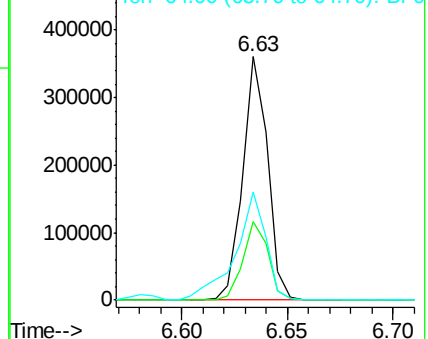
128 100

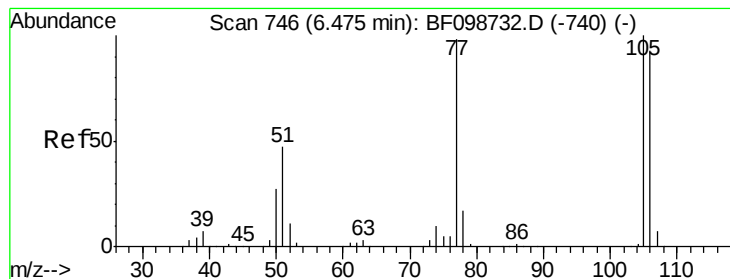
130 32.3 13.0 53.0

64 44.4 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: 22.69 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Instrument :

BNA_F

ClientSampled :

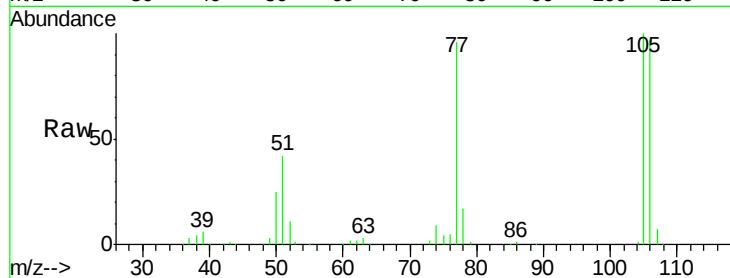
Tot Ion: 77 Resp: 96398

Ion Ratio Lower Upper

77 100

105 104.7 81.1 121.1

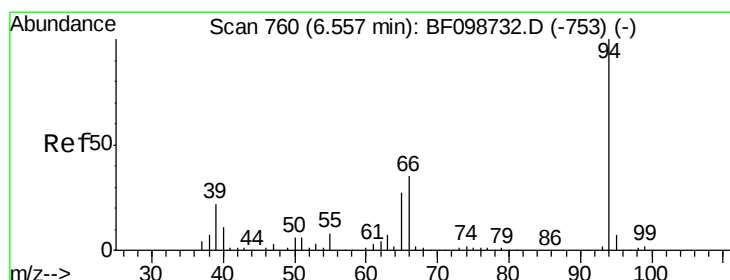
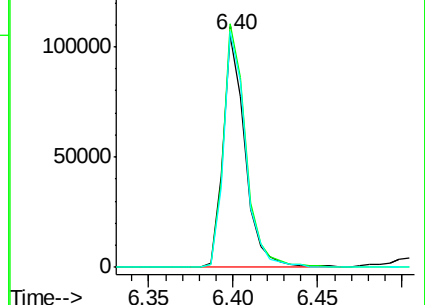
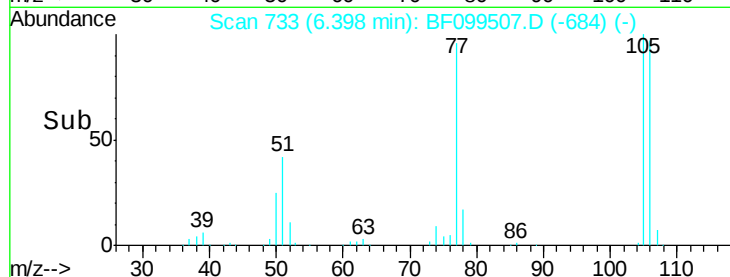
106 101.6 74.5 114.5



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: 43.78 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

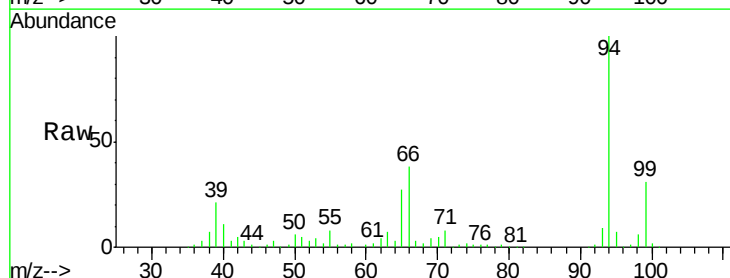
Tgt Ion: 94 Resp: 358667

Ion Ratio Lower Upper

94 100

65 27.0 7.9 47.9

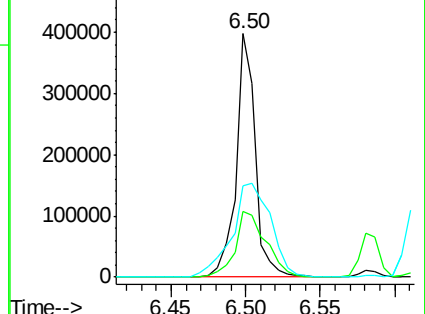
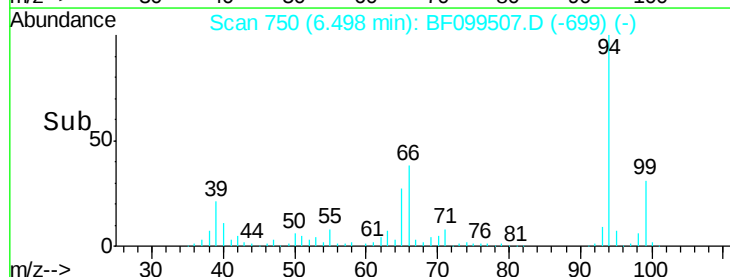
66 37.6 16.2 56.2

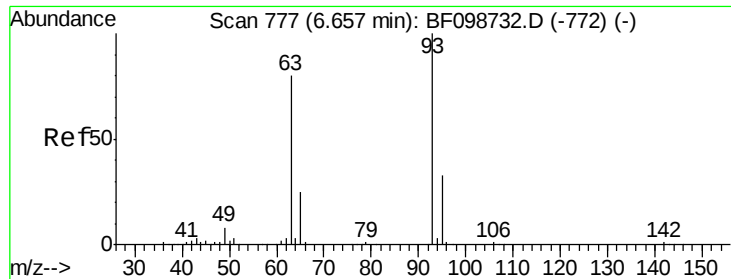


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.92 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Instrument :

BNA_F

ClientSampleId :

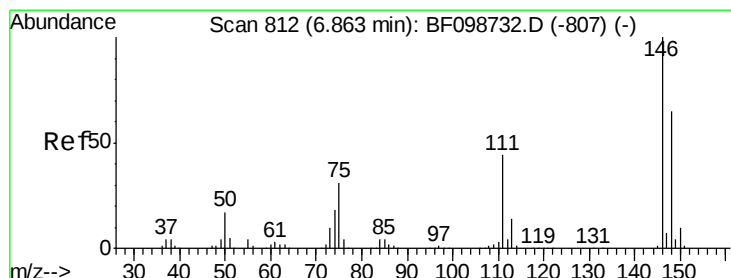
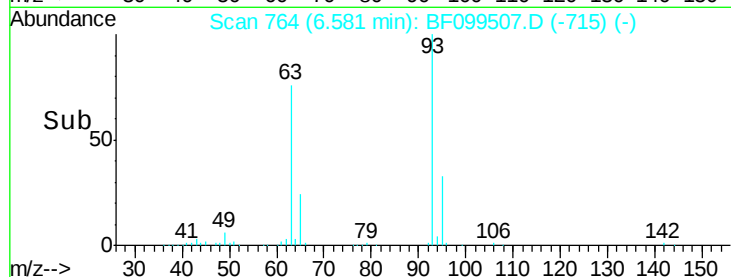
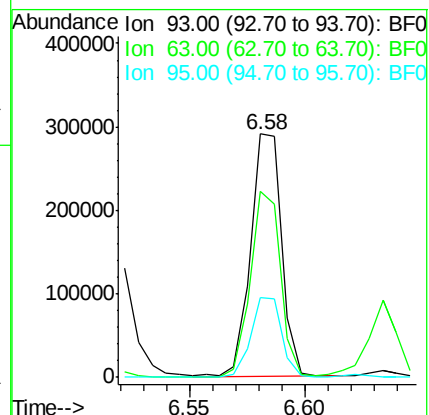
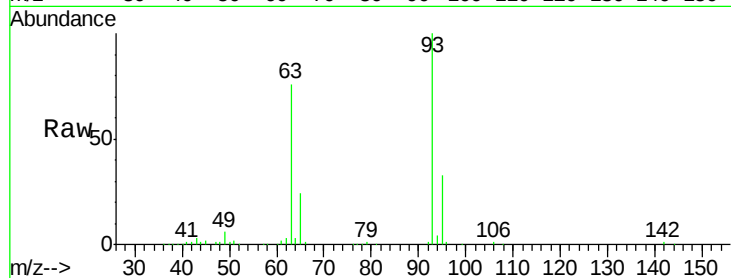
Tot Ion: 93 Resp: 273363

Ion Ratio Lower Upper

93 100

63 76.3 58.6 98.6

95 32.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 43.69 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

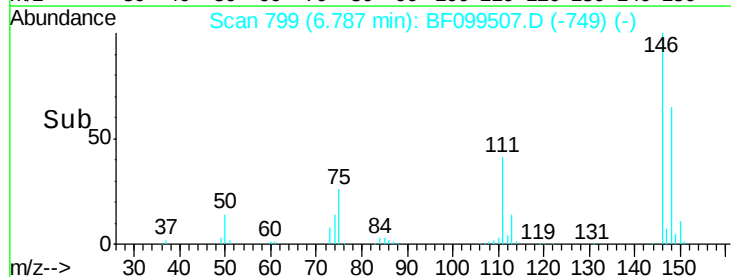
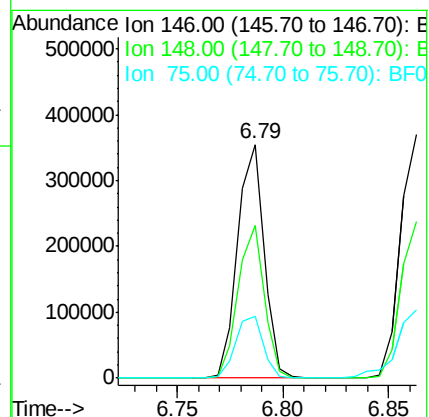
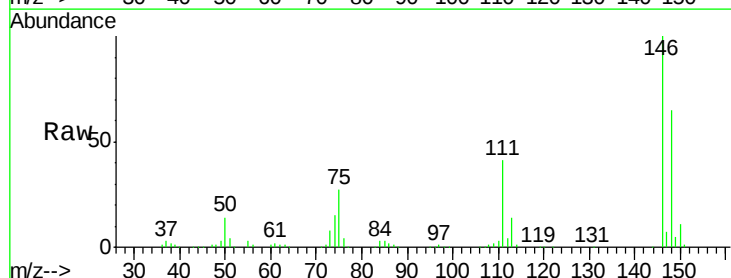
Tgt Ion: 146 Resp: 307682

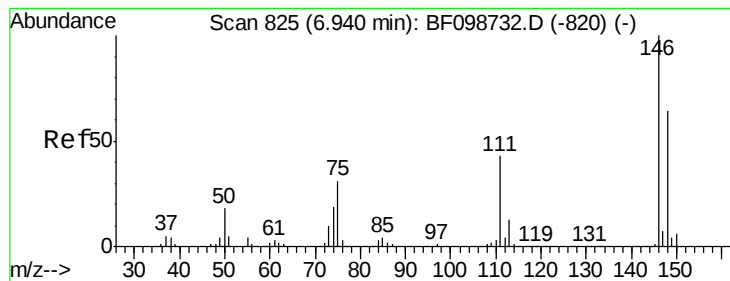
Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.8

75 26.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 43.78 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Instrument :

BNA_F

ClientSampleId :

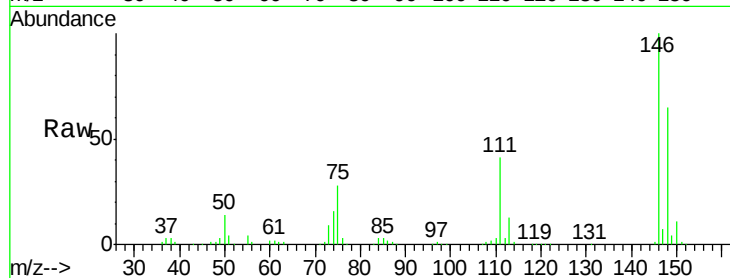
Tot Ion:146 Resp: 313669

Ion Ratio Lower Upper

146 100

148 64.6 50.8 76.2

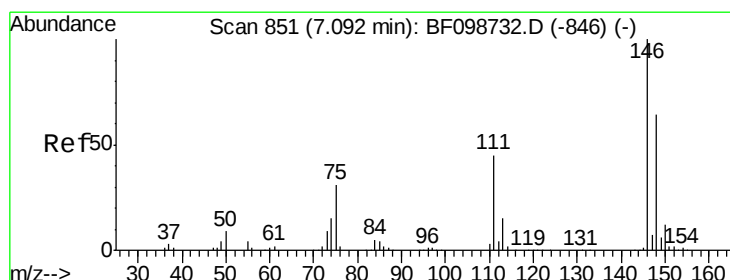
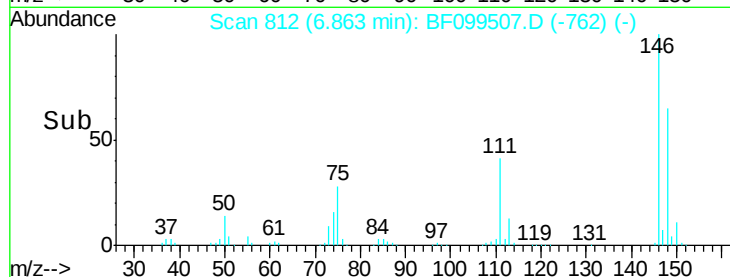
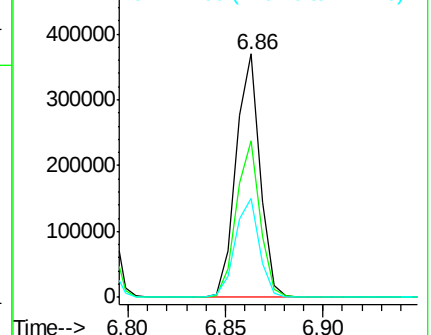
111 40.6 34.2 51.2



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: 43.53 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

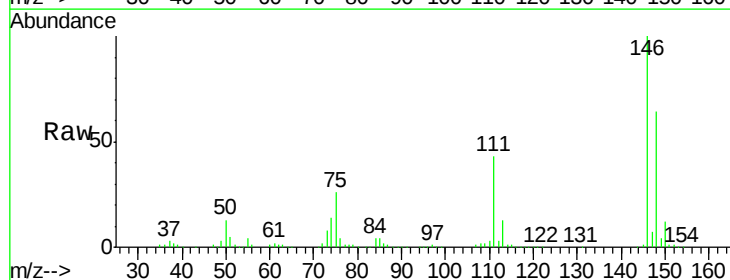
Tgt Ion:146 Resp: 288213

Ion Ratio Lower Upper

146 100

148 63.7 50.6 75.8

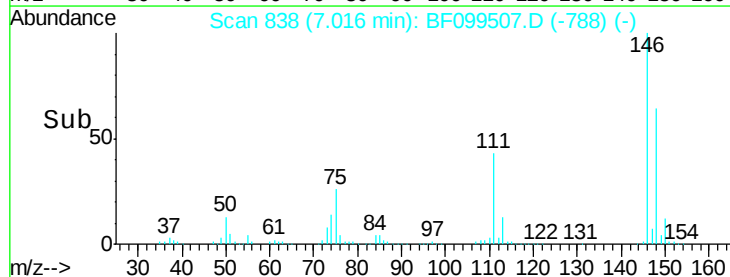
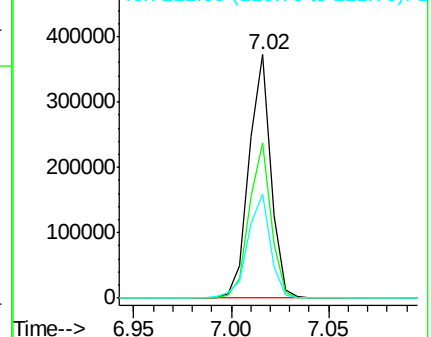
111 42.6 36.0 54.0

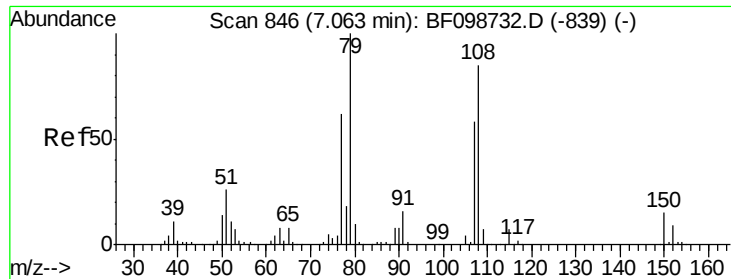


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.49 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Instrument :

BNA_F

ClientSampled :

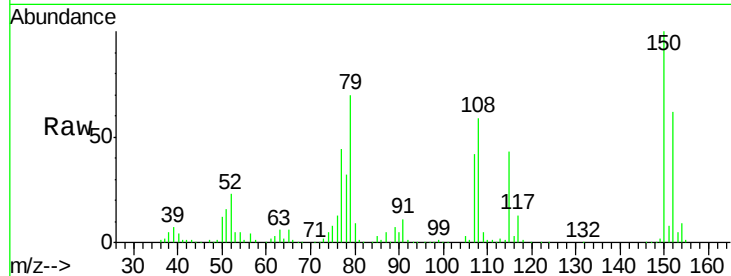
Tot Ion: 79 Resp: 217578

Ion Ratio Lower Upper

79 100

108 85.1 65.1 97.7

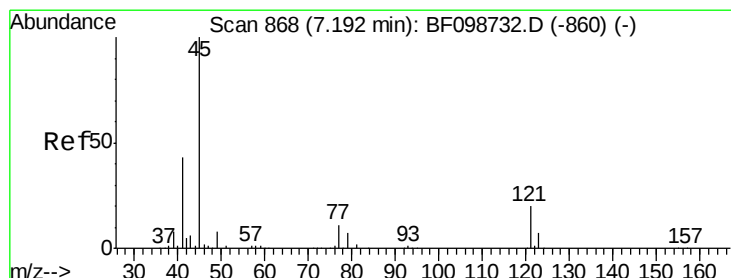
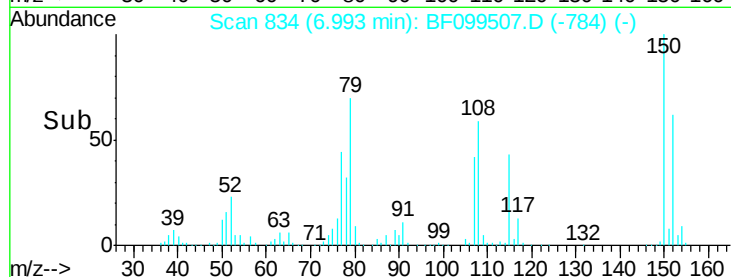
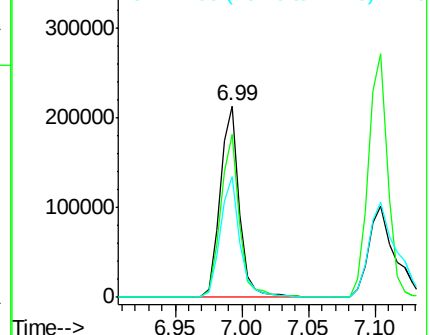
77 63.0 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.20 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

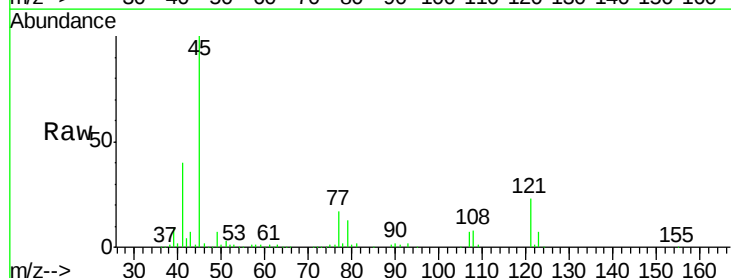
Tgt Ion: 45 Resp: 379024

Ion Ratio Lower Upper

45 100

77 17.0 0.0 32.9

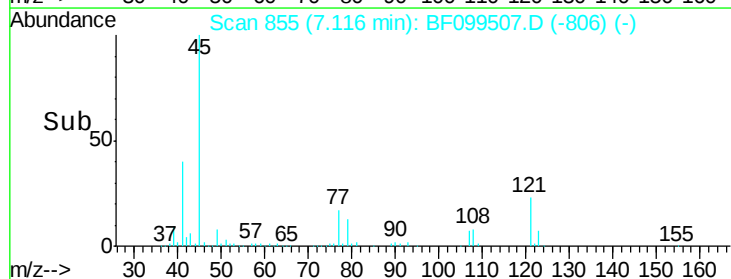
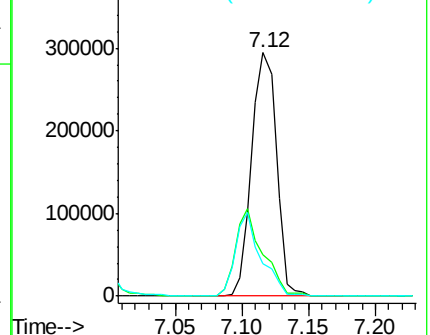
79 13.1 0.0 29.6

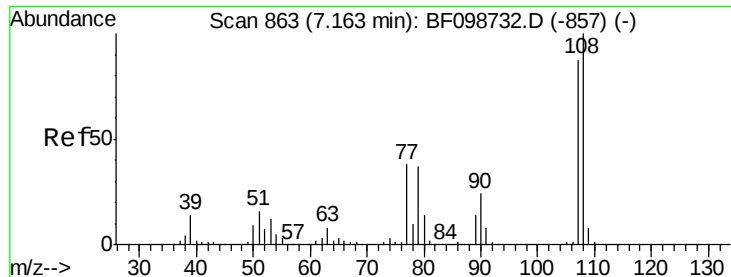


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 43.46 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 239113

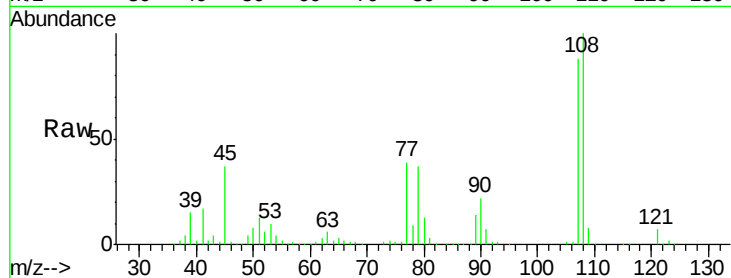
Ion Ratio Lower Upper

107 100

108 113.6 91.7 137.5

77 44.5 33.8 50.8

79 42.4 33.8 50.8



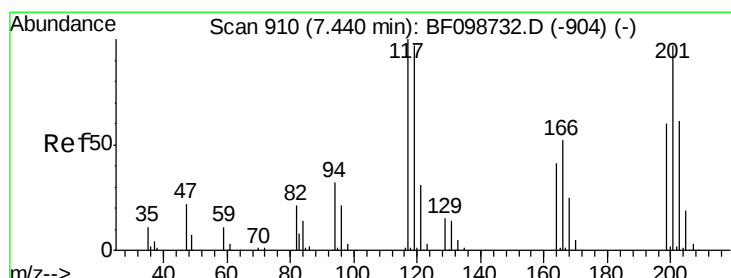
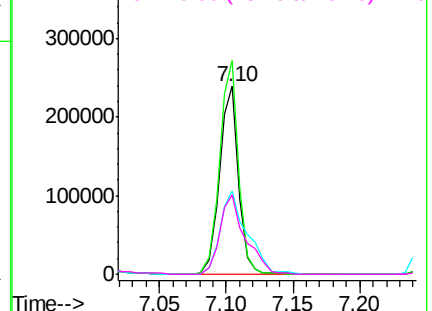
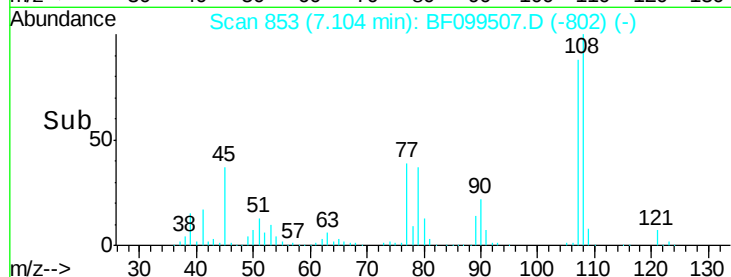
Abundance

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: 43.00 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

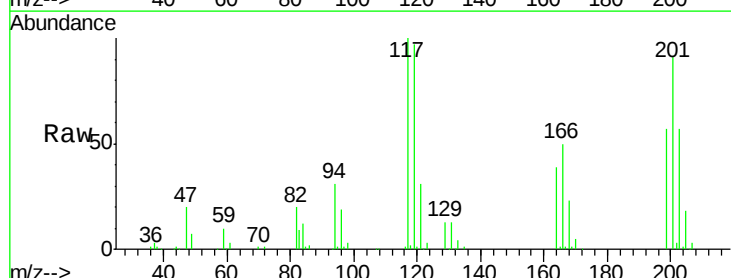
Tgt Ion:117 Resp: 110751

Ion Ratio Lower Upper

117 100

119 96.7 75.8 113.8

201 91.0 75.7 113.5

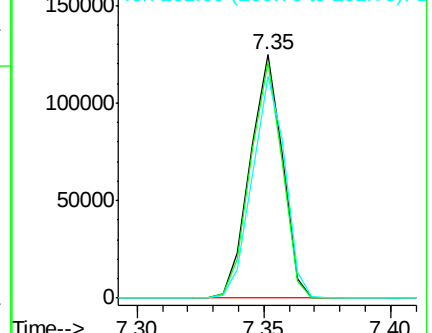
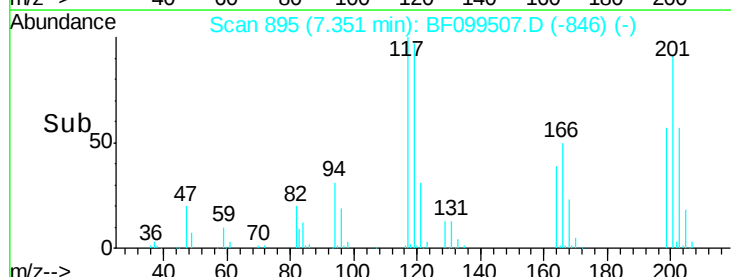


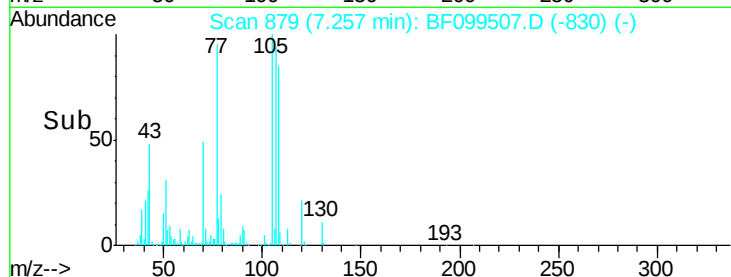
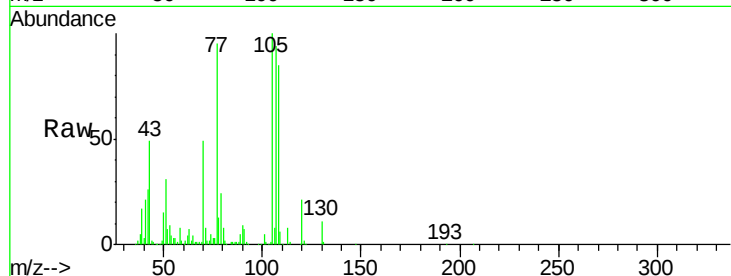
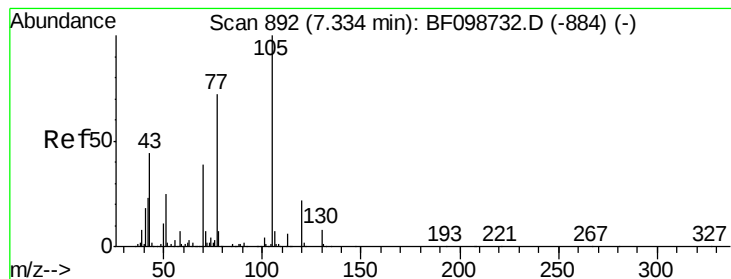
Abundance

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: 38.17 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 178498

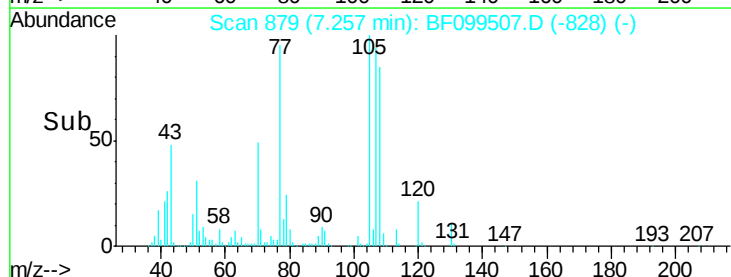
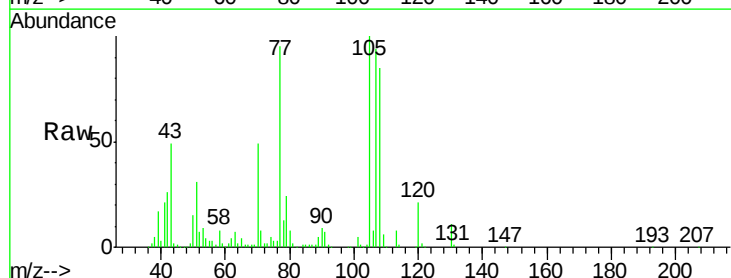
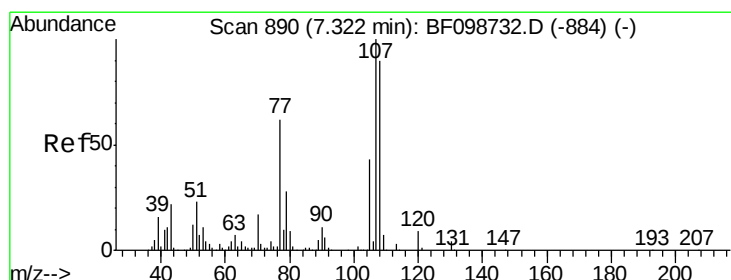
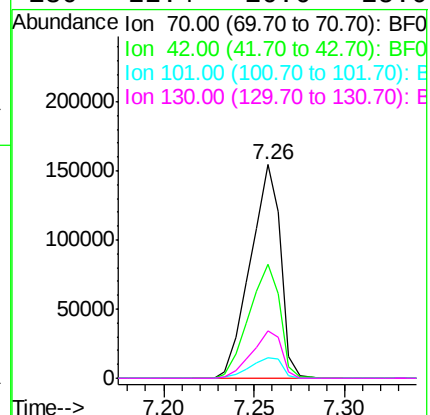
Ion Ratio Lower Upper

70 100

42 53.3 47.5 71.3

101 9.9 7.4 11.2

130 22.4 16.6 25.0



#20

3+4-Methylphenols

Concen: 40.38 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Tgt Ion:107 Resp: 281092

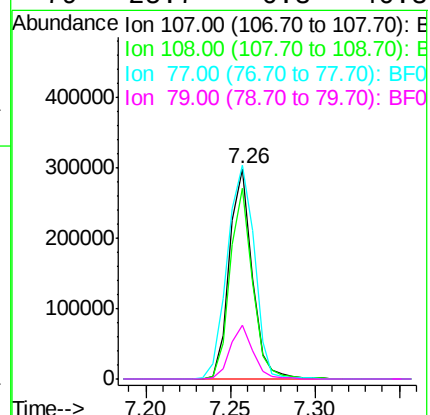
Ion Ratio Lower Upper

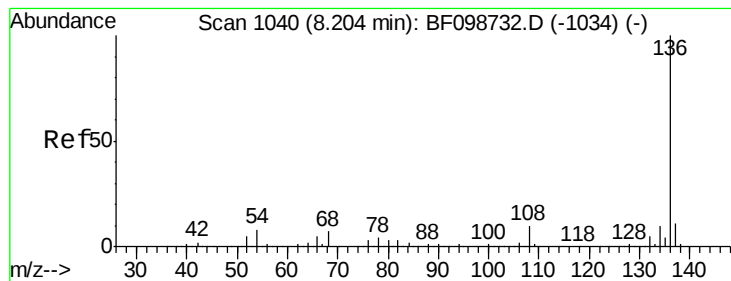
107 100

108 90.9 68.2 108.2

77 101.6 26.7 66.7#

79 25.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 390901

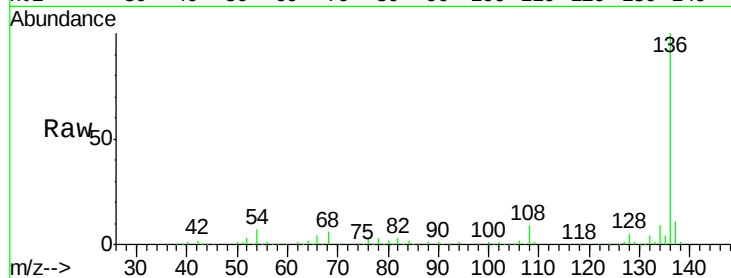
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.8 6.6 9.8

68 5.5 5.0 7.4

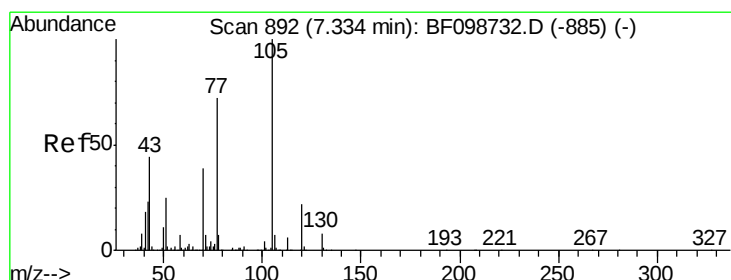
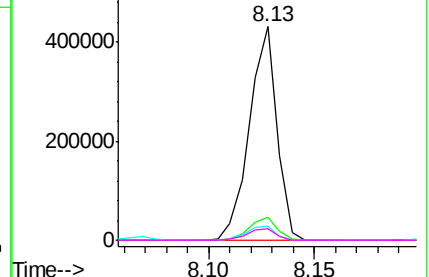
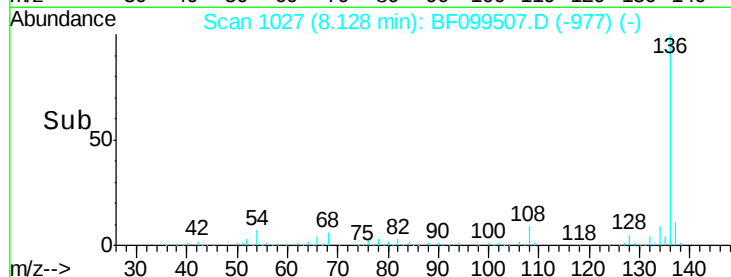


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.72 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Tgt Ion:105 Resp: 376167

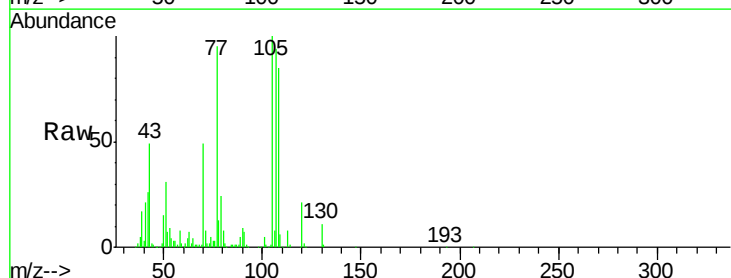
Ion Ratio Lower Upper

105 100

71 7.9 4.4 6.6#

51 30.9 22.3 33.5

120 21.1 16.9 25.3

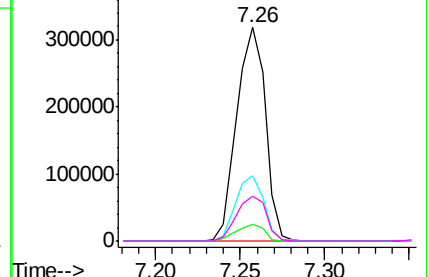
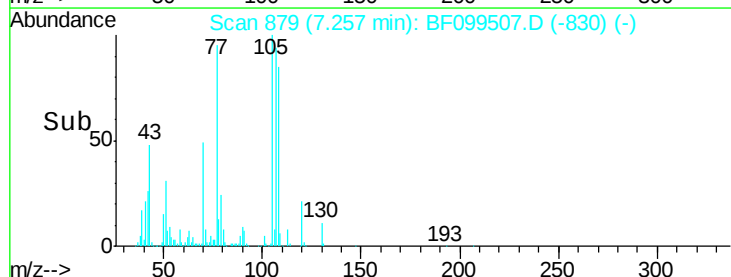


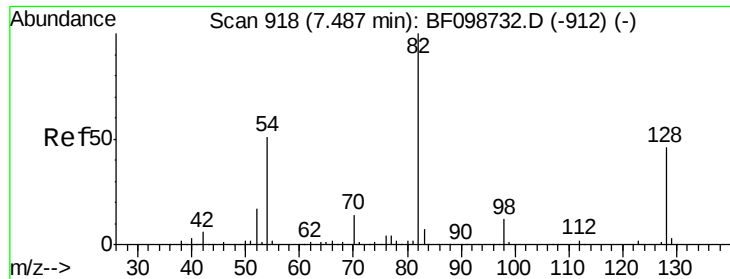
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

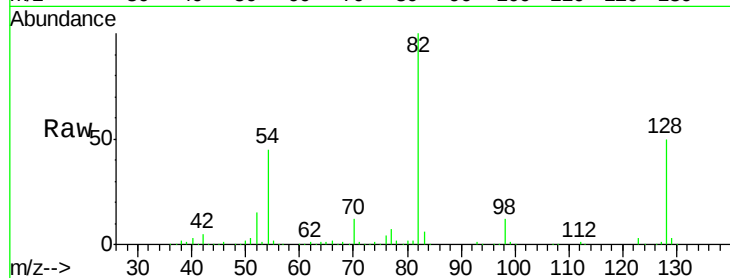




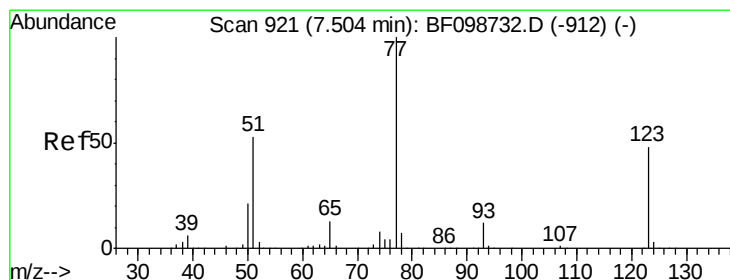
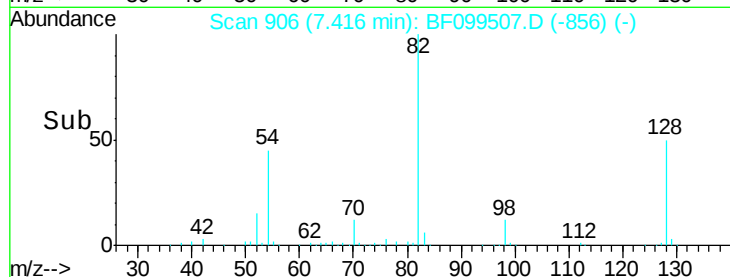
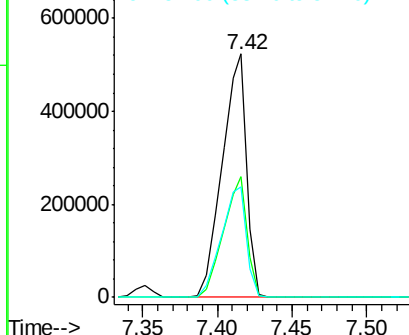
#23
Nitrobenzene-d5
Concen: 98.64 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	601238
Ion Ratio	Lower	Upper	
82	100		
128	49.9	36.1	54.1
54	45.4	41.4	62.2

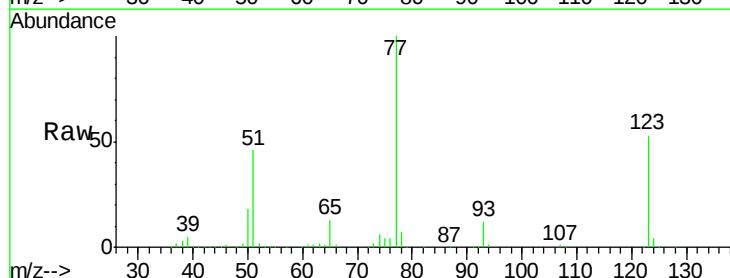


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

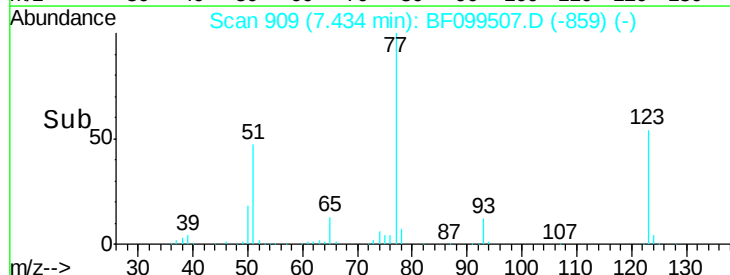
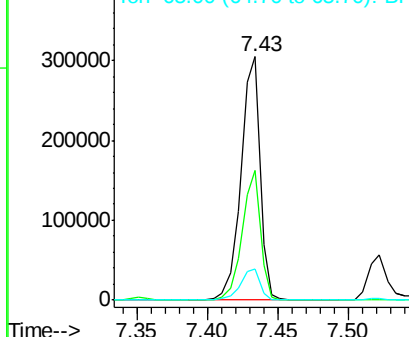


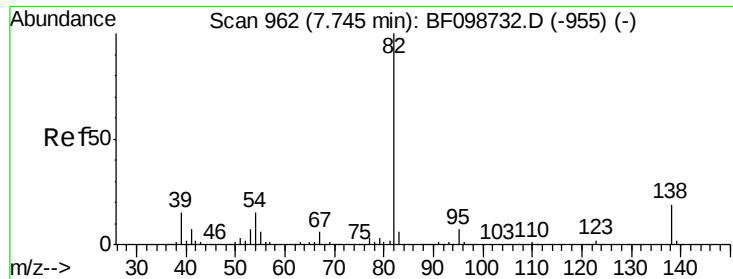
#24
Nitrobenzene
Concen: 41.69 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Tgt Ion	77	Resp	288254
Ion Ratio	Lower	Upper	
77	100		
123	53.5	37.9	56.9
65	12.6	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

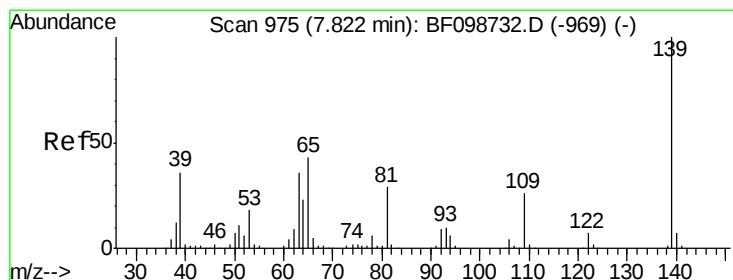
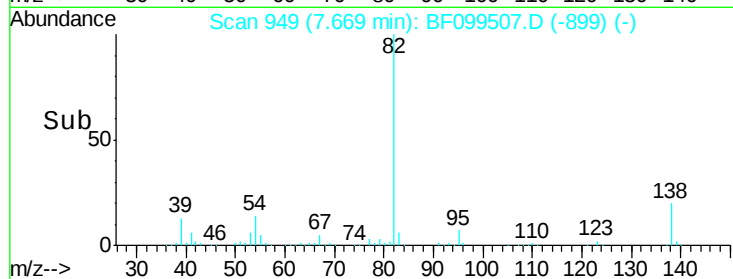
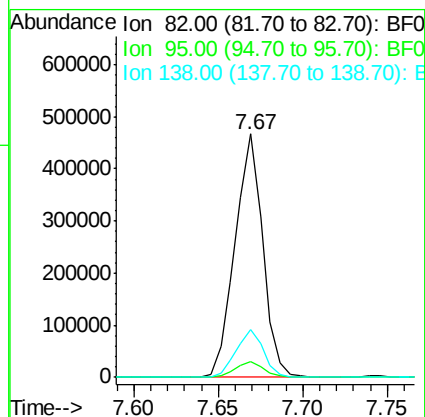
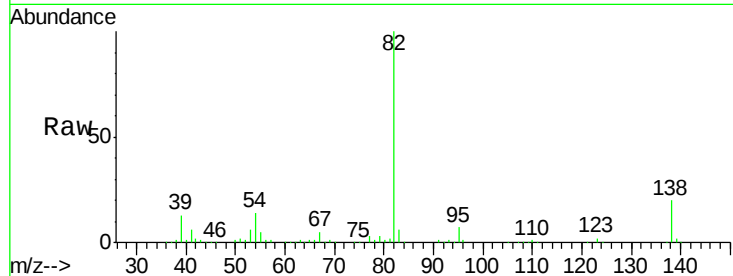




#25
Isophorone
Concen: 42.44 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

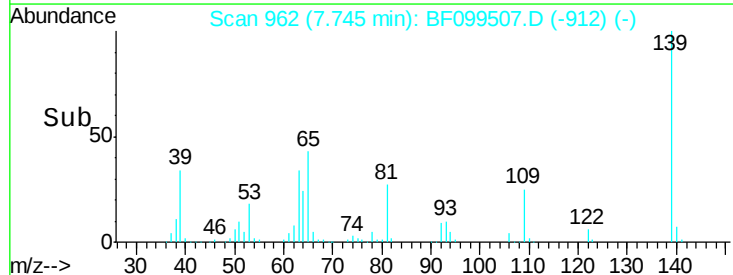
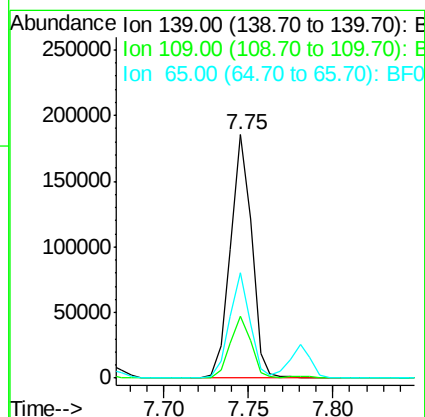
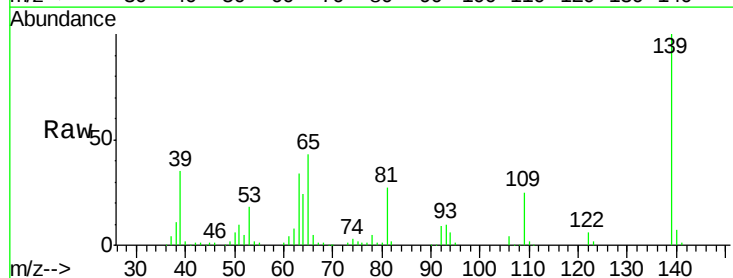
Instrument :
BNA_F
ClientSampleId :

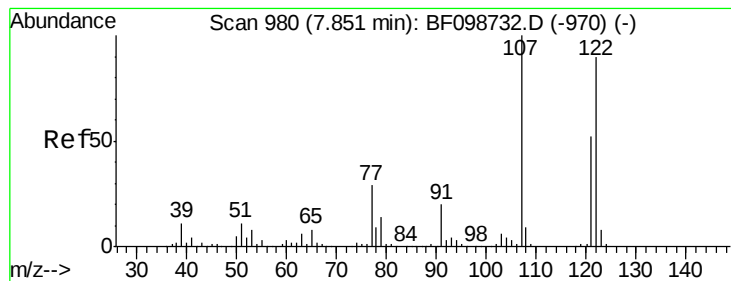
Tot Ion: 82 Resp: 534891
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 19.8 14.9 22.3



#26
2-Nitrophenol
Concen: 48.63 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Tgt Ion: 139 Resp: 161688
Ion Ratio Lower Upper
139 100
109 25.4 22.7 34.1
65 43.0 40.5 60.7

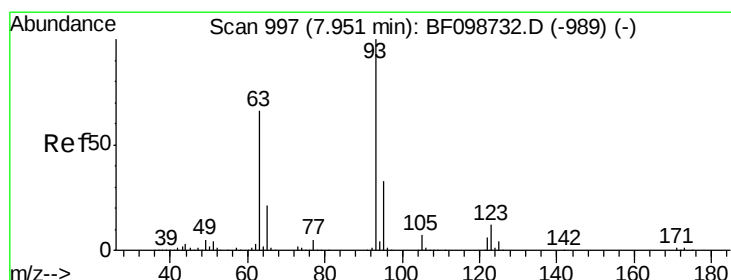
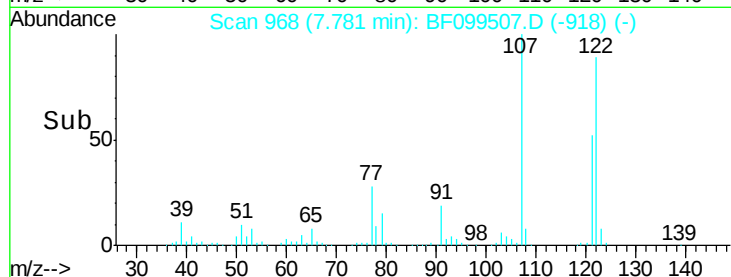
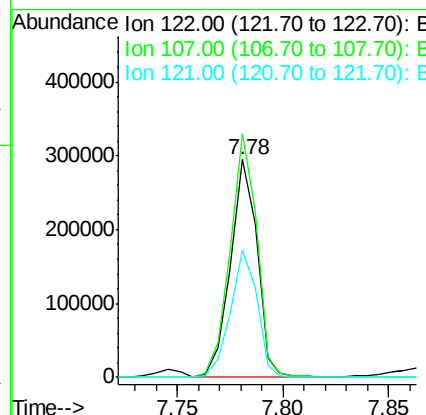
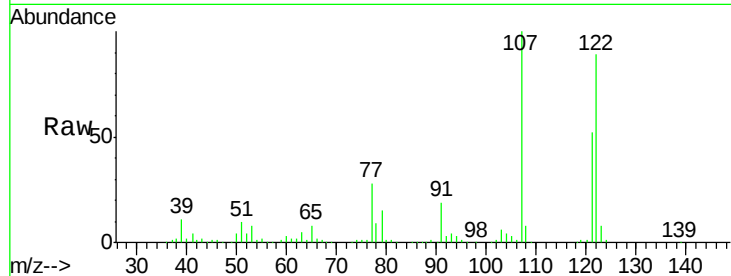




#27
2,4-Dimethylphenol
Concen: 40.81 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

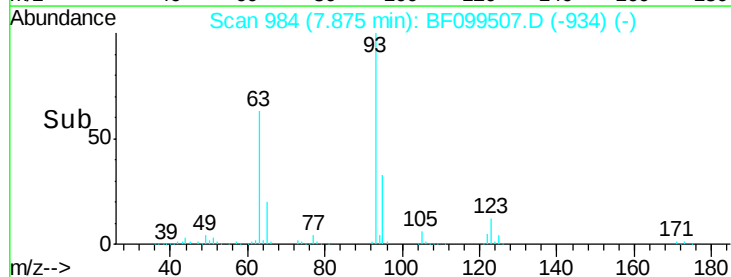
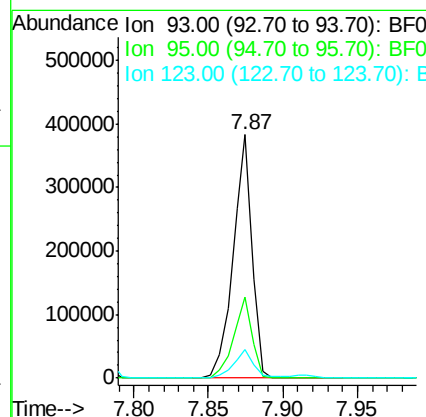
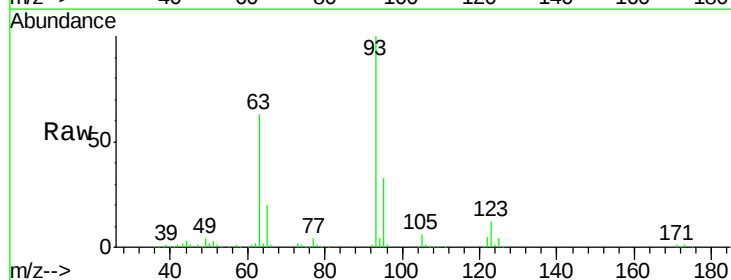
Instrument :
BNA_F
ClientSampleId :

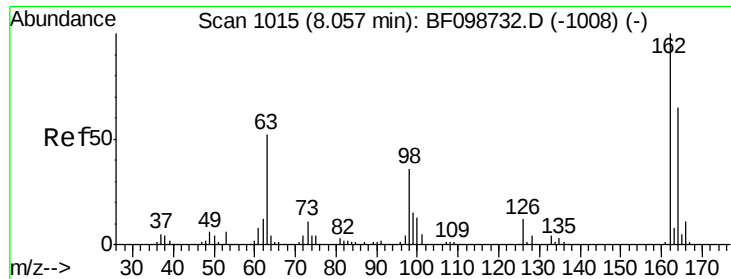
Tot Ion:122 Resp: 256232
Ion Ratio Lower Upper
122 100
107 112.0 91.2 136.8
121 58.7 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.66 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Tgt Ion: 93 Resp: 342880
Ion Ratio Lower Upper
93 100
95 33.3 26.3 39.5
123 11.6 9.8 14.6

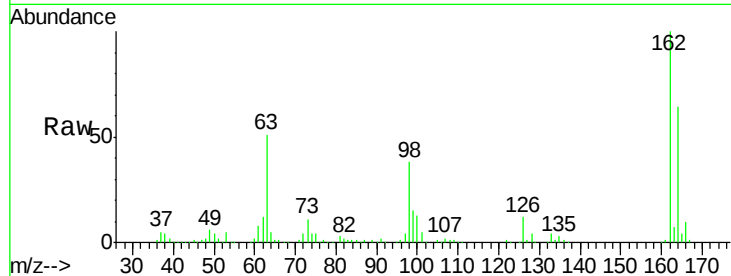




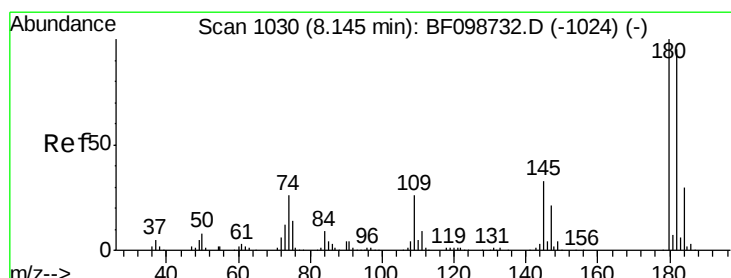
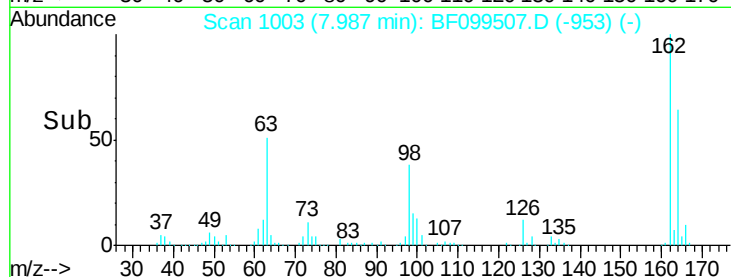
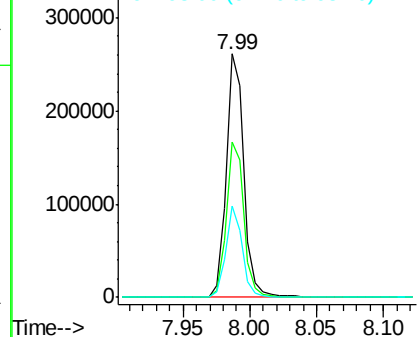
#29
 2,4-Dichlorophenol
 Concen: 45.08 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.7	82.7
98	37.7	18.1	58.1

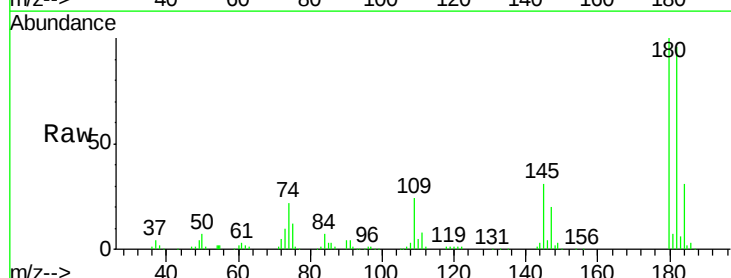


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

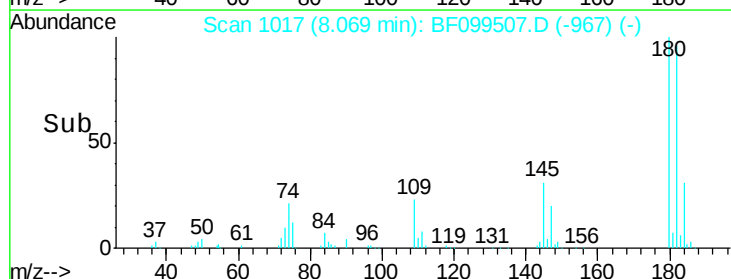
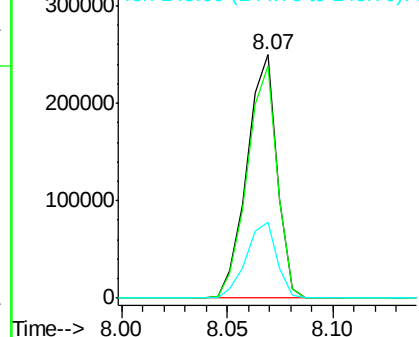


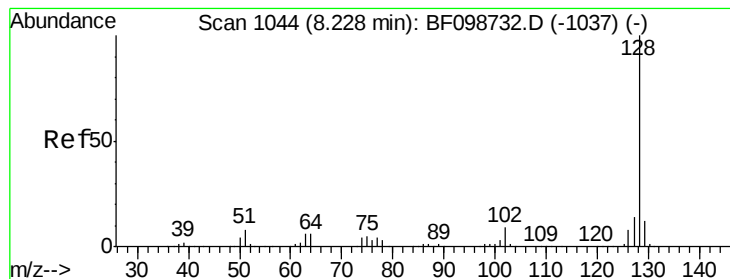
#30
 1,2,4-Trichlorobenzene
 Concen: 45.63 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.8	115.2
145	31.1	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: 44.55 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Instrument :

BNA_F

ClientSampled :

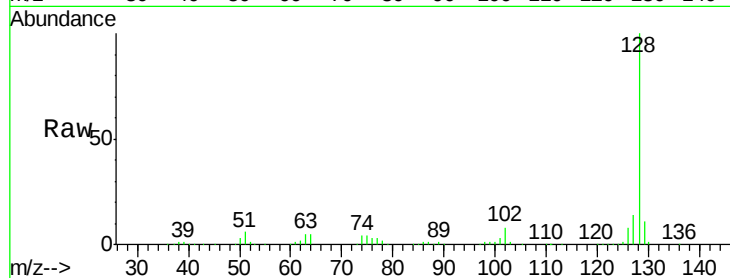
Tot Ion:128 Resp: 817941

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

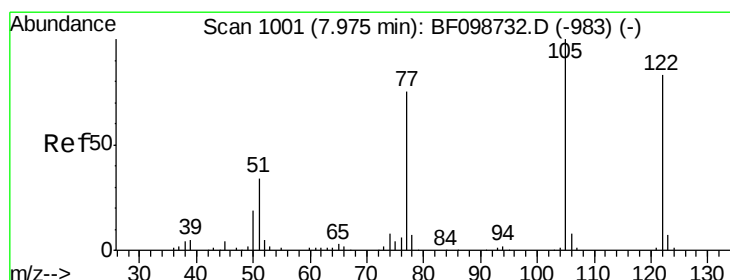
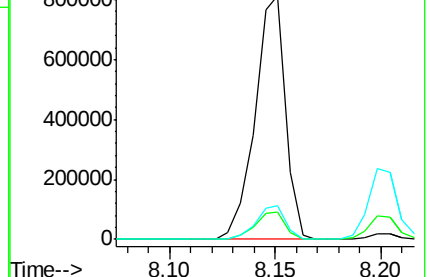
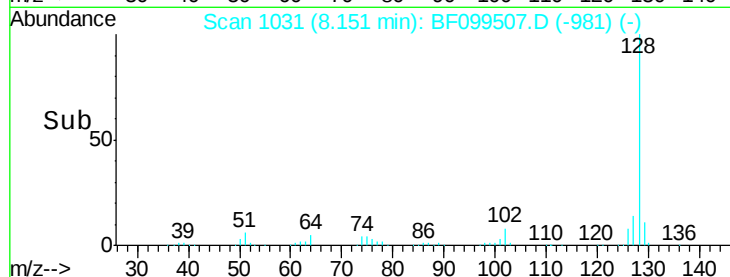
127 13.8 10.9 16.3



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: 25.71 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

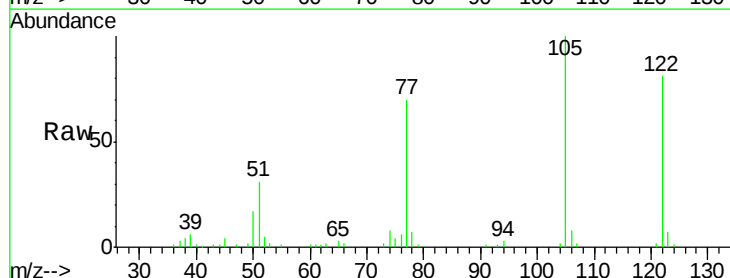
Tgt Ion:122 Resp: 132630

Ion Ratio Lower Upper

122 100

105 123.7 101.1 141.1

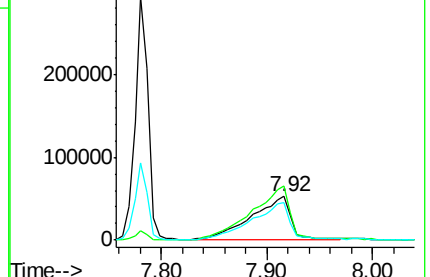
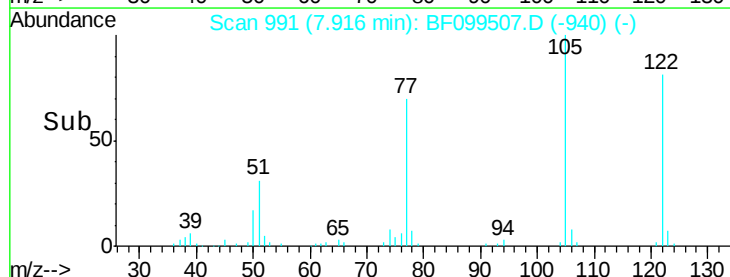
77 87.1 70.7 110.7



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

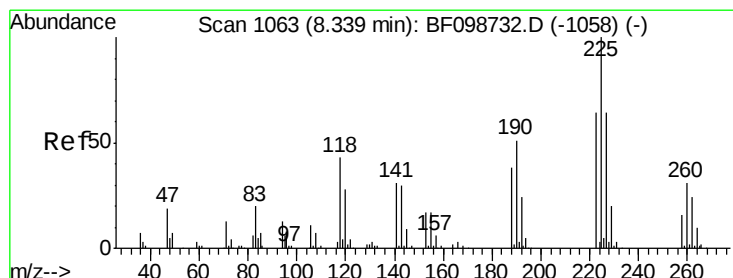
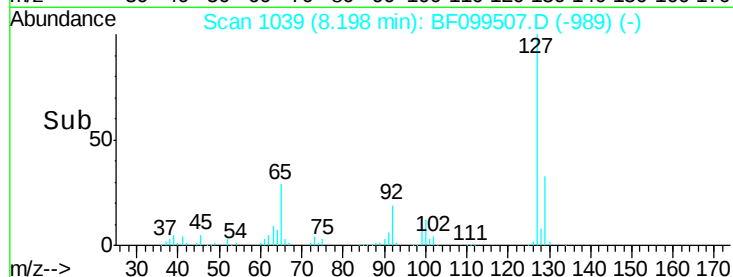
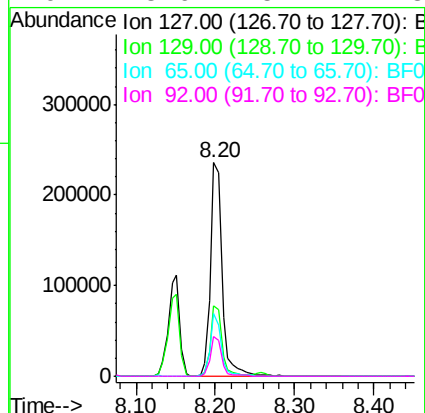
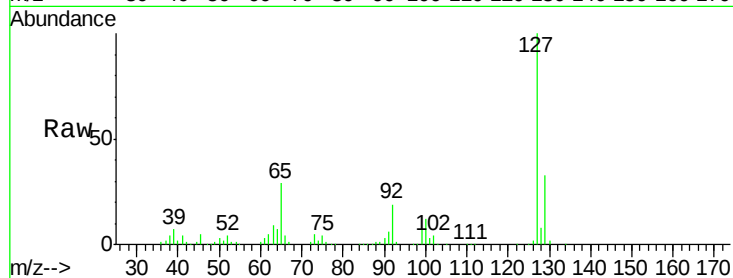




#33
4-Chloroaniline
Concen: 31.89 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

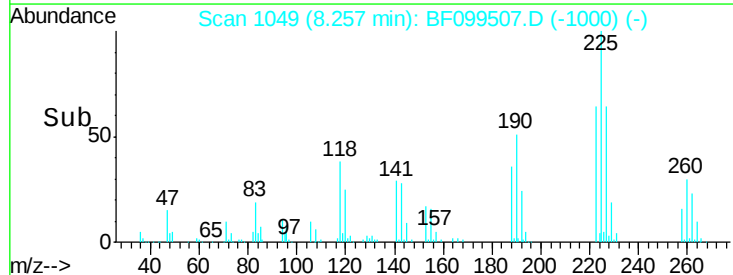
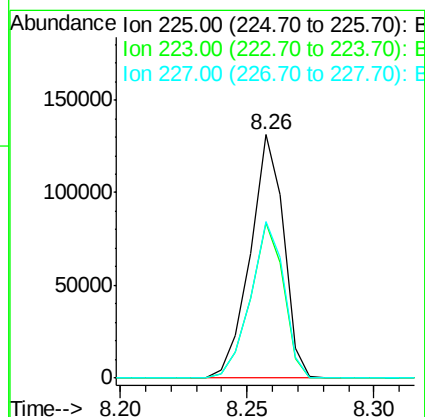
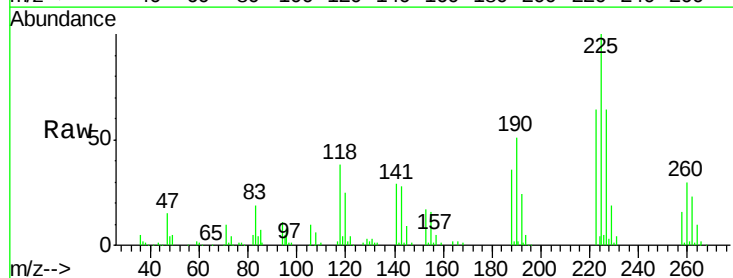
Instrument :
BNA_F
ClientSampleId :

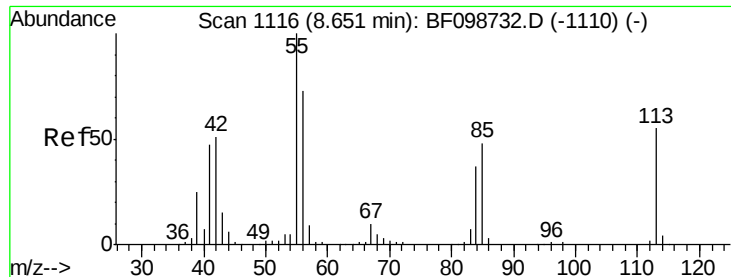
Tot Ion:	127	Resp:	244491
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	29.4	25.0	37.4
92	18.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.43 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Tgt Ion:	225	Resp:	120614
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	64.2	51.9	77.9

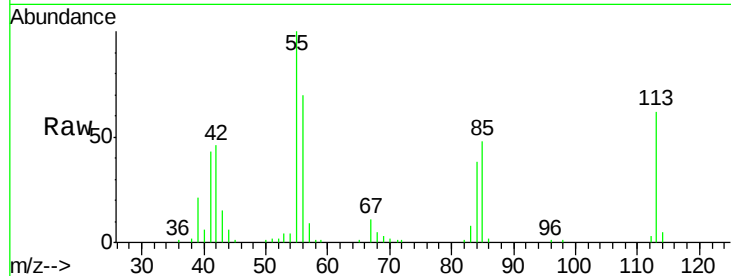




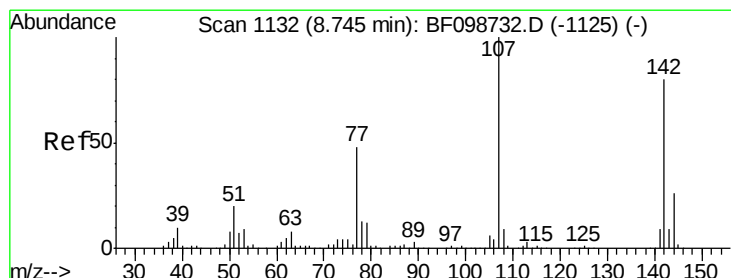
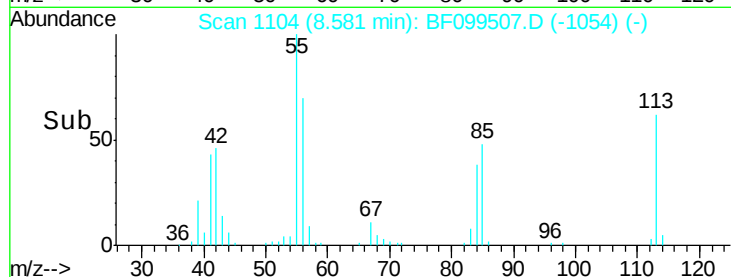
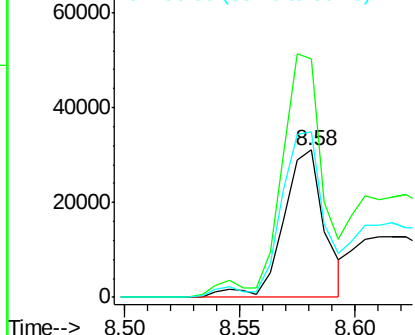
#35
Caprolactam
Concen: 22.12 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 38256
Ion Ratio Lower Upper
113 100
55 162.3 163.3 203.3#
56 113.0 115.7 155.7#

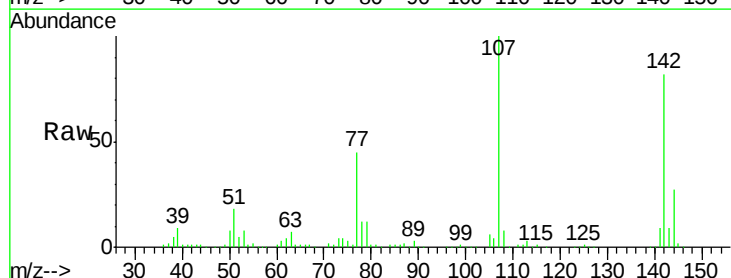


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

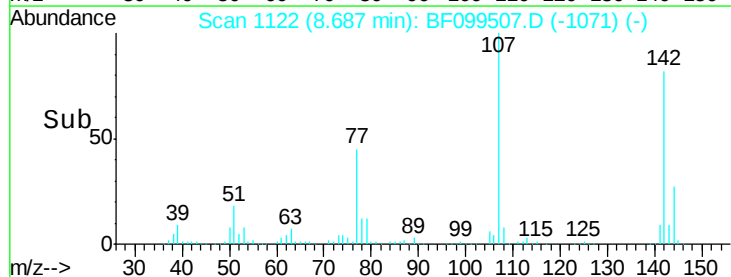
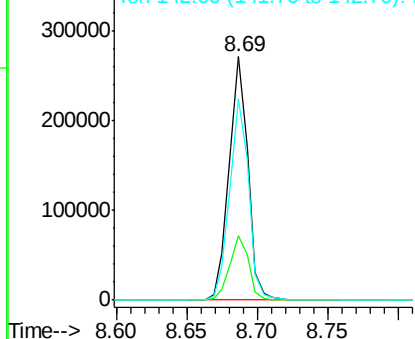


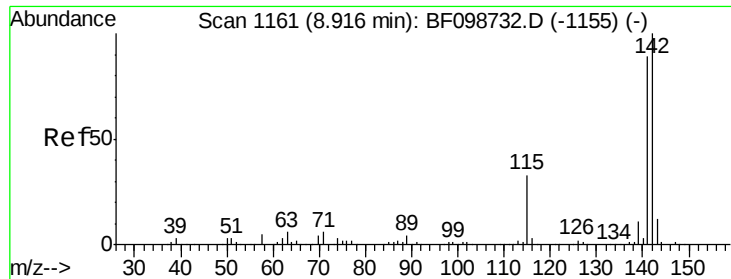
#36
4-Chloro-3-methylphenol
Concen: 41.68 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Tgt Ion:107 Resp: 252585
Ion Ratio Lower Upper
107 100
144 26.7 20.5 30.7
142 82.5 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

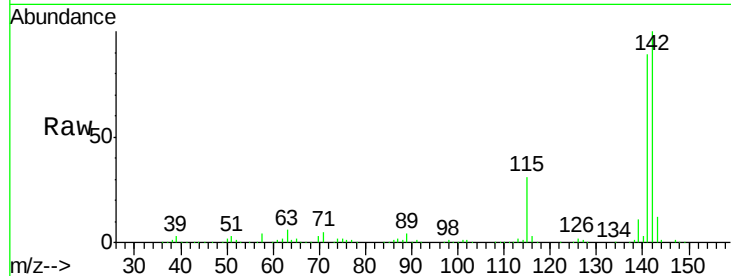




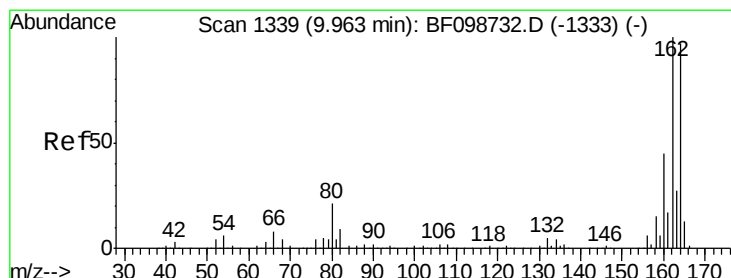
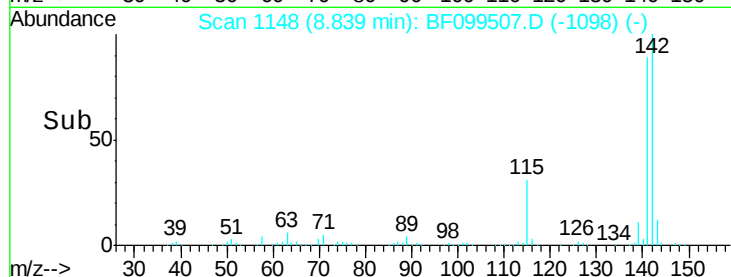
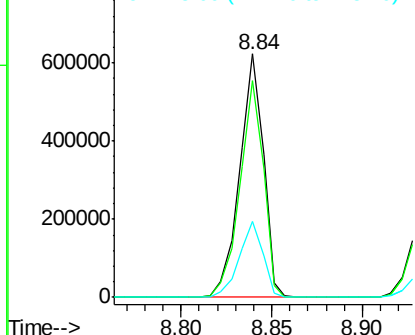
#37
2-Methylnaphthalene
Concen: 47.62 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	31.0	26.1	39.1

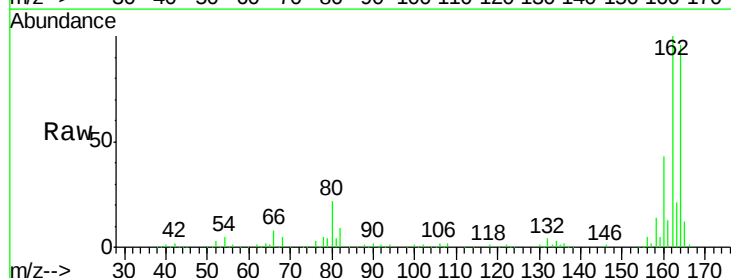


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

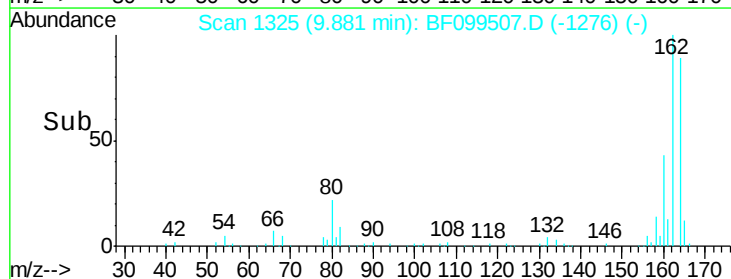
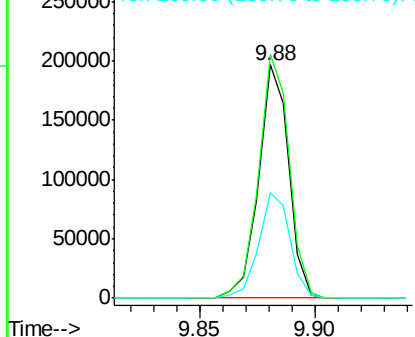


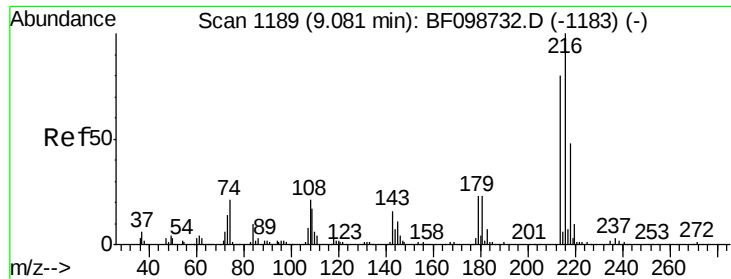
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	45.1	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

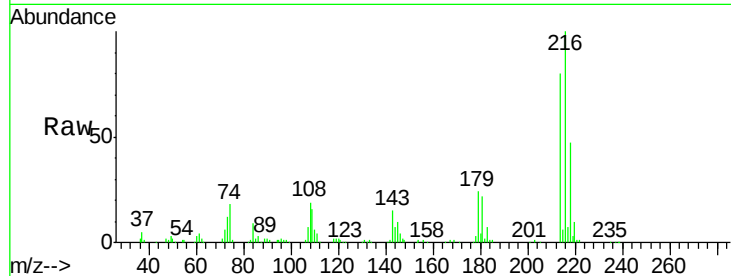




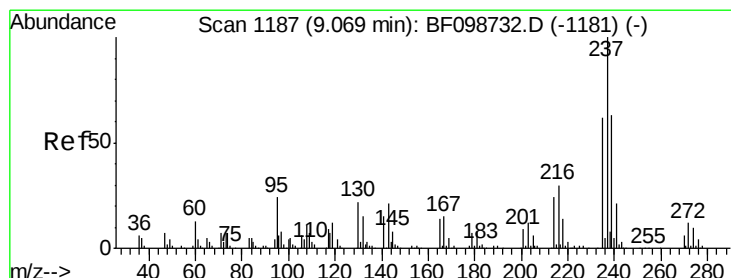
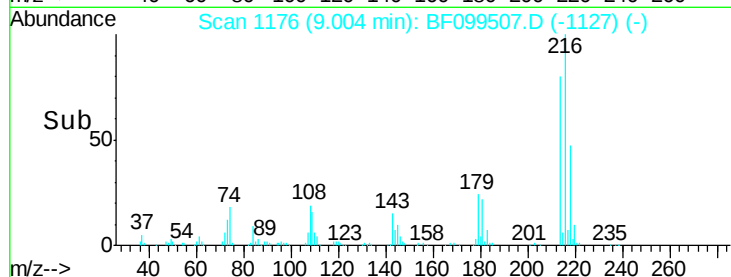
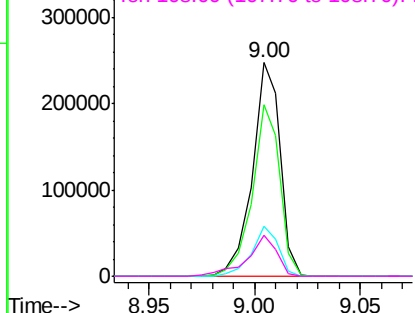
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.55 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	226524
Ion Ratio	Lower	Upper
216	100	
214	79.2	63.0 94.4
179	22.4	18.1 27.1
108	20.6	17.2 25.8

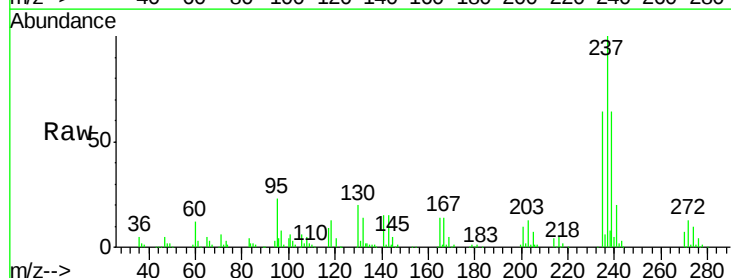


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

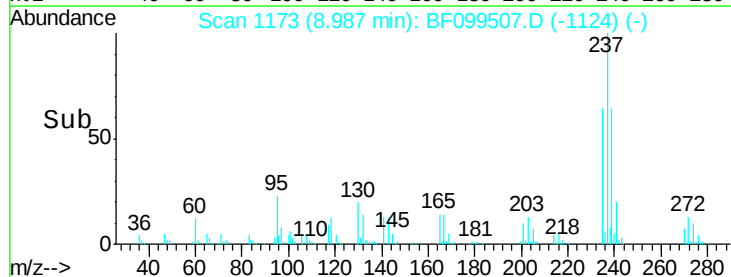
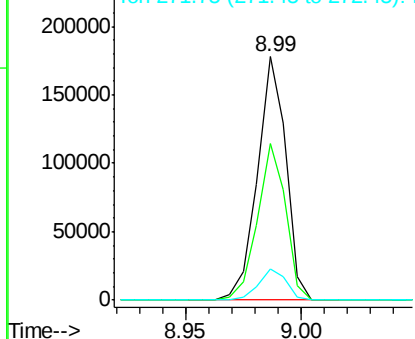


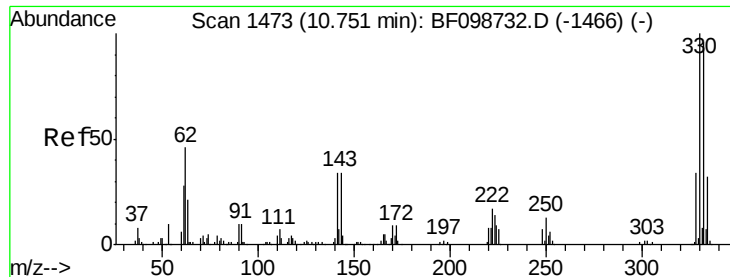
#40
 Hexachlorocyclopentadiene
 Concen: 63.17 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

Tgt Ion:237	Resp:	153702
Ion Ratio	Lower	Upper
237	100	
235	64.4	44.8 84.8
272	12.9	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

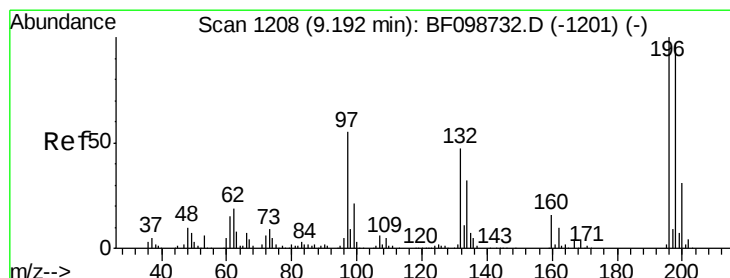
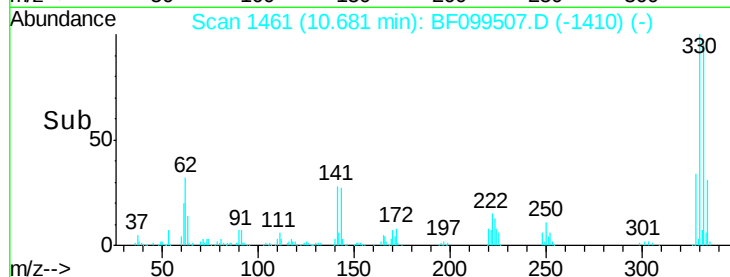
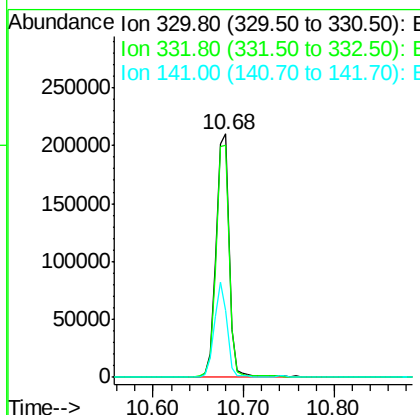
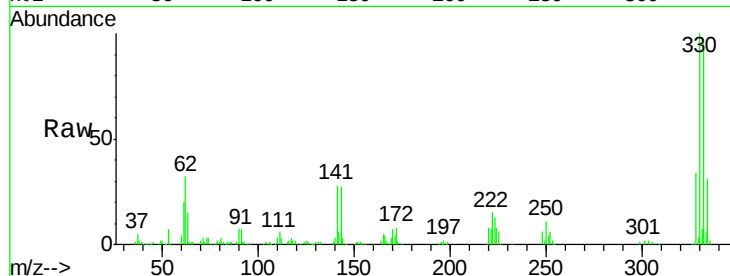




#41
 2,4,6-Tribromophenol
 Concen: 145.55 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

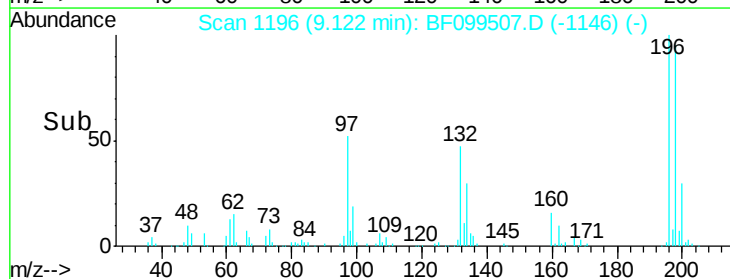
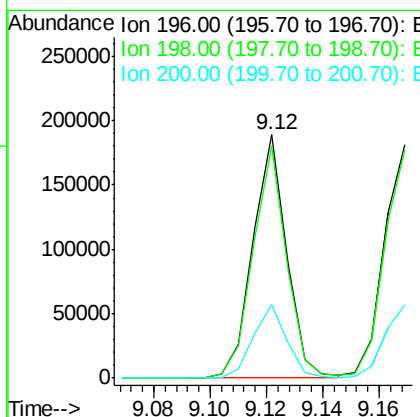
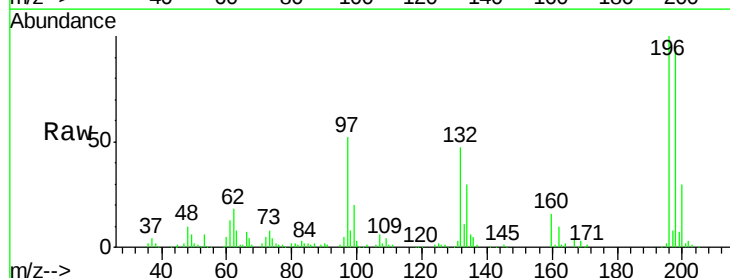
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 212628
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 37.4 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.55 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

Tgt Ion:196 Resp: 156726
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 200 30.4 24.5 36.7

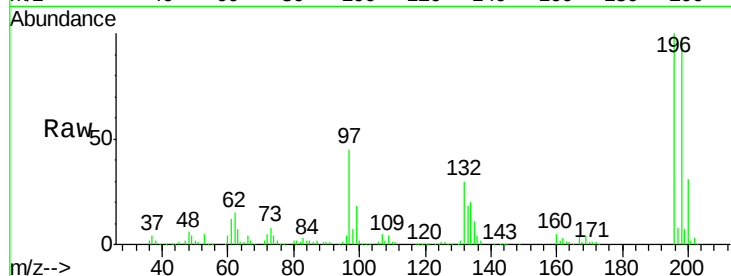




#43
 2,4,5-Trichlorophenol
 Concen: 42.56 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	74.6	112.0
97	45.1	42.9	64.3
132	30.2	26.3	39.5



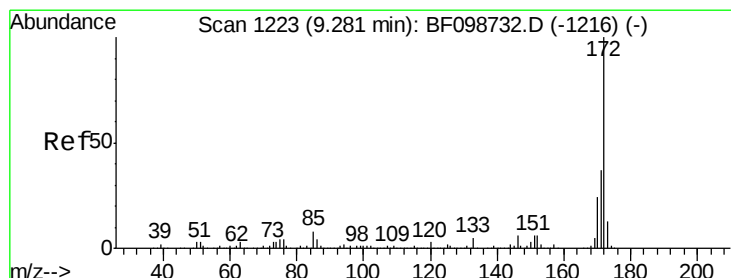
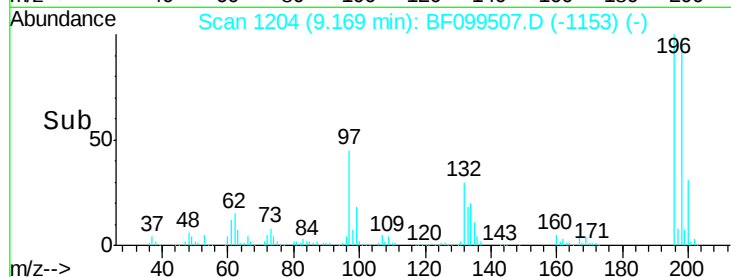
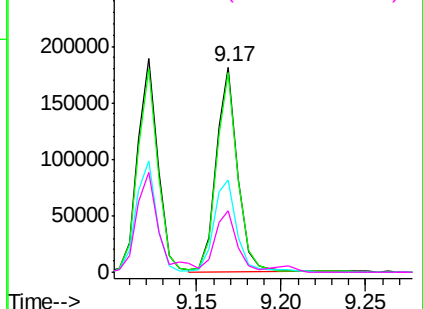
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

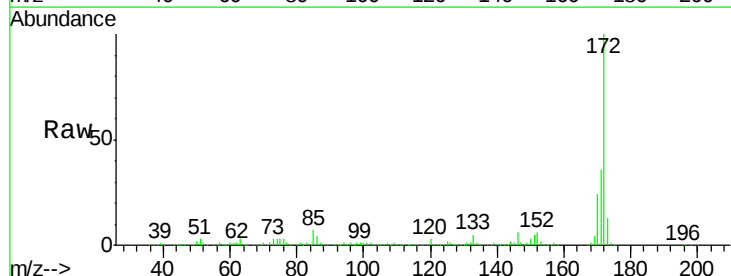
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.14 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4

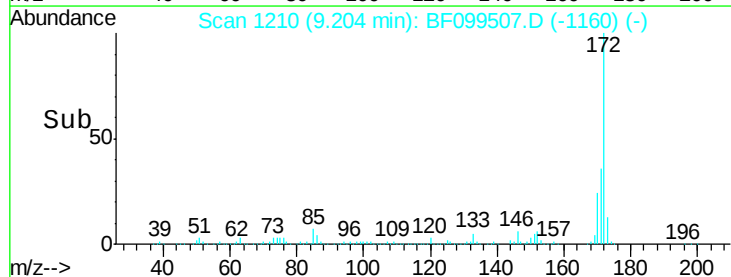
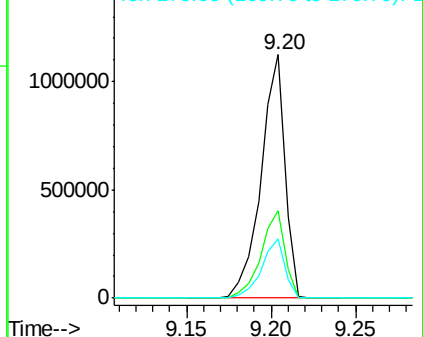


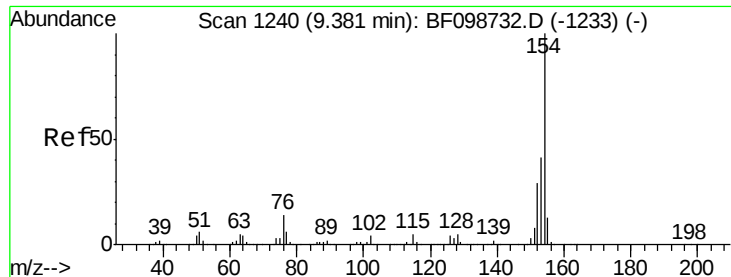
Abundance

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: 42.62 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Instrument :

BNA_F

ClientSampleId :

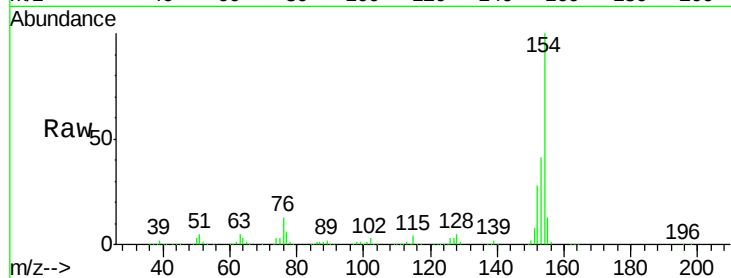
Tot Ion:154 Resp: 653938

Ion Ratio Lower Upper

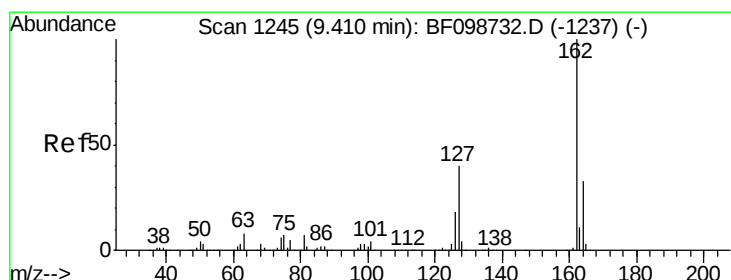
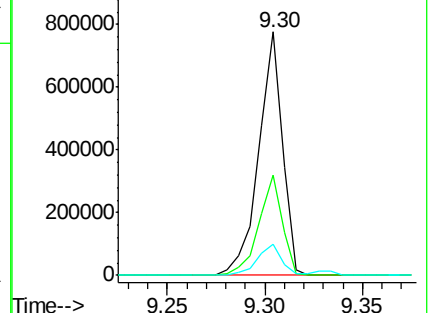
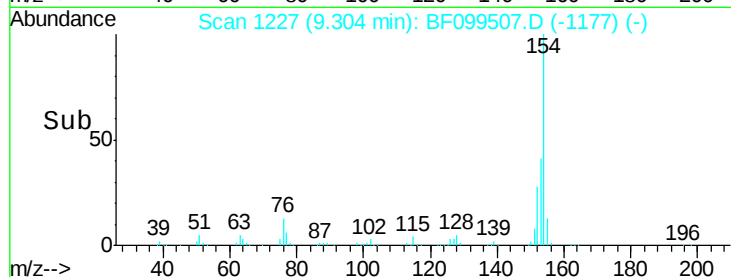
154 100

153 40.9 21.3 61.3

76 13.0 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: 44.89 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

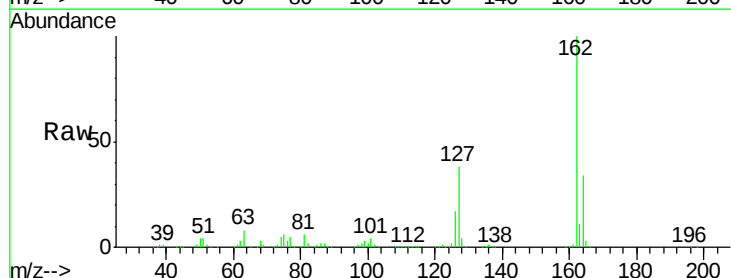
Tgt Ion:162 Resp: 517144

Ion Ratio Lower Upper

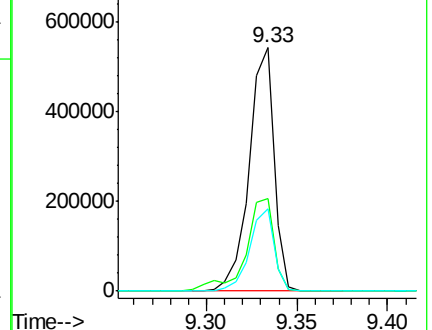
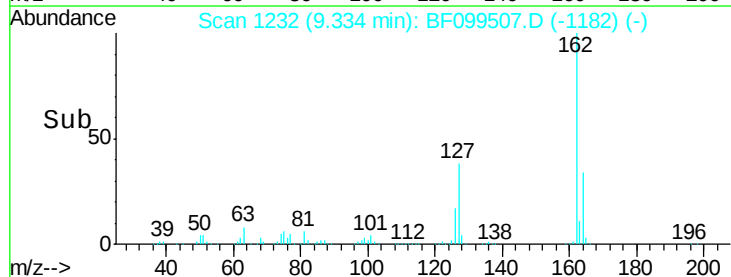
162 100

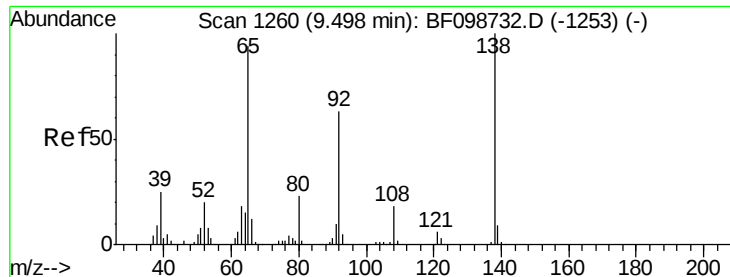
127 38.1 33.9 50.9

164 33.6 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

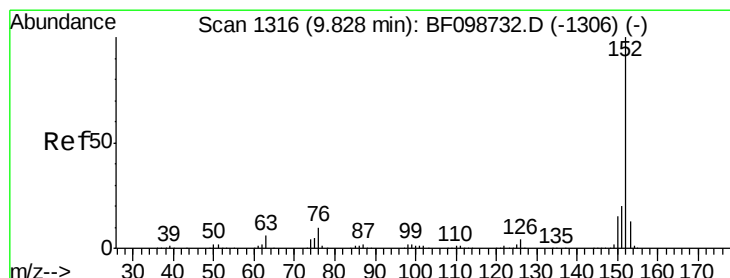
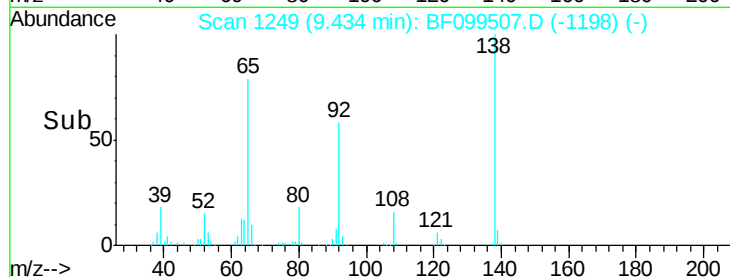
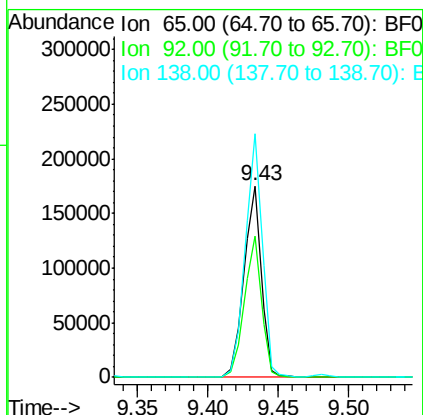
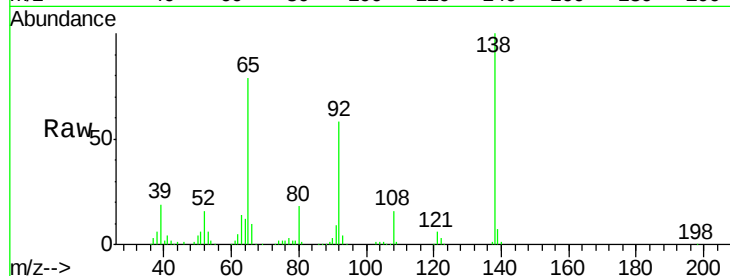




#47
2-Nitroaniline
Concen: 42.89 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

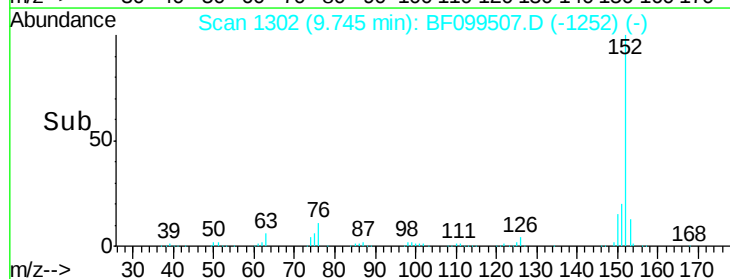
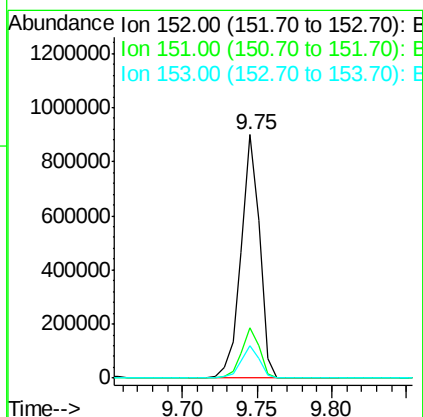
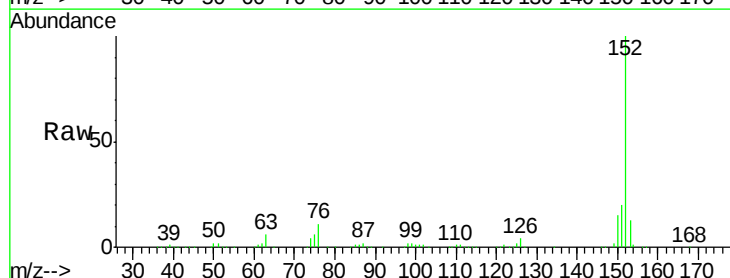
Instrument :
BNA_F
ClientSampled :

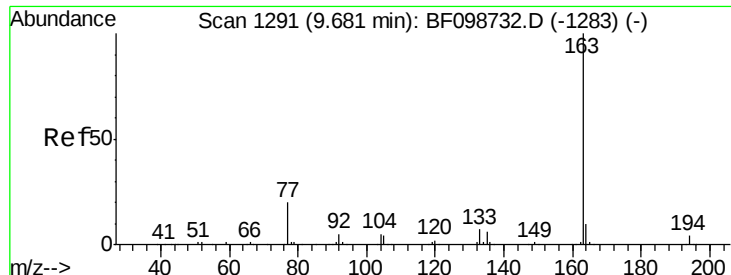
Tot Ion: 65 Resp: 151291
Ion Ratio Lower Upper
65 100
92 73.7 55.8 83.6
138 127.2 91.2 136.8



#48
Acenaphthylene
Concen: 44.22 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Tgt Ion: 152 Resp: 779809
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.1 10.7 16.1

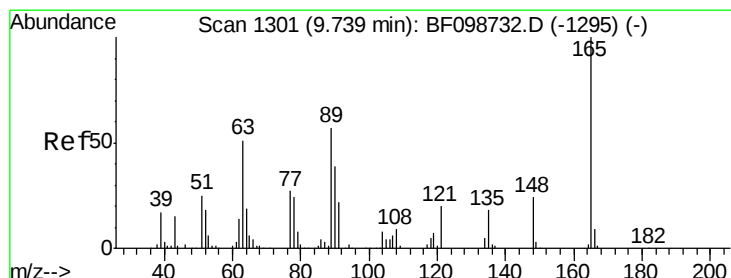
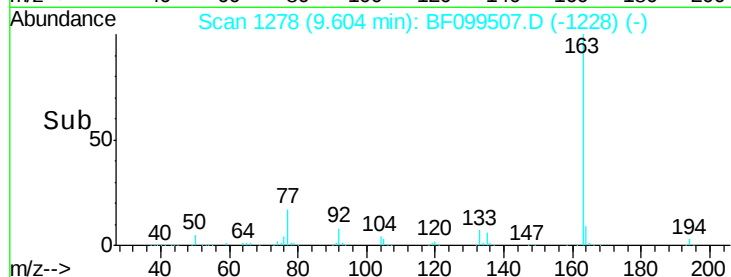
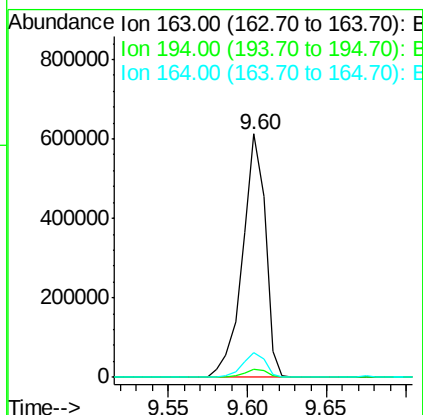
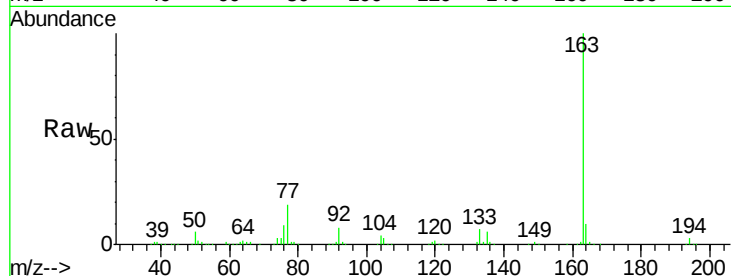




#49
Dimethylphthalate
Concen: 45.06 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

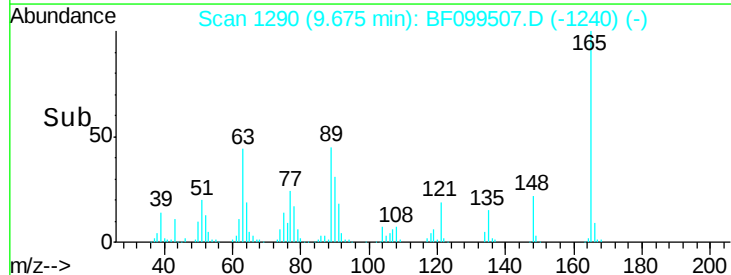
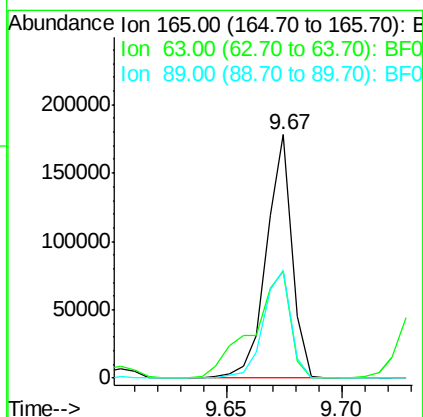
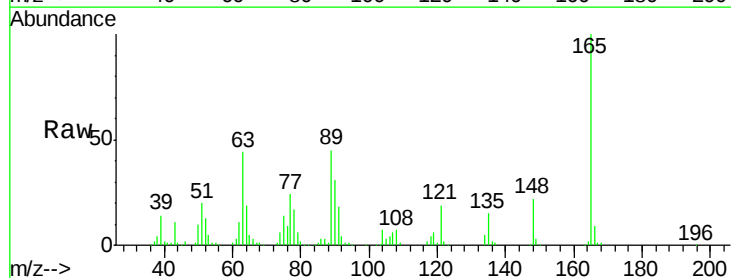
Instrument :
BNA_F
ClientSampleId :

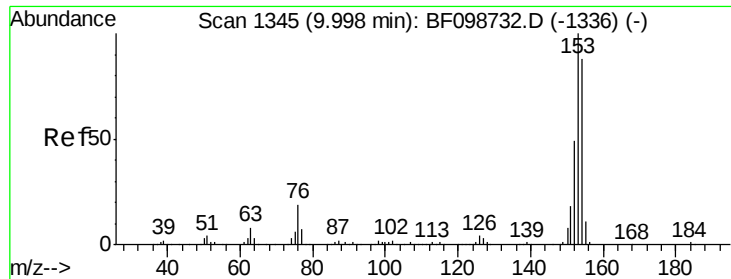
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.1	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 46.63 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.9	44.7	67.1#
89	44.6	44.0	66.0





#51

Acenaphthene

Concen: 41.24 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Instrument :

BNA_F

ClientSampleId :

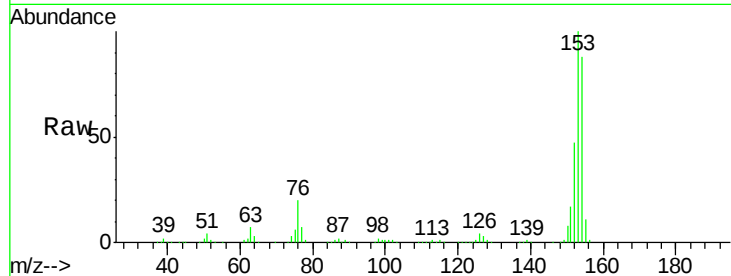
Tot Ion:154 Resp: 460702

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

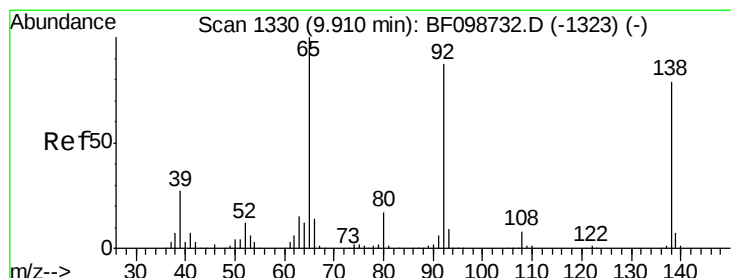
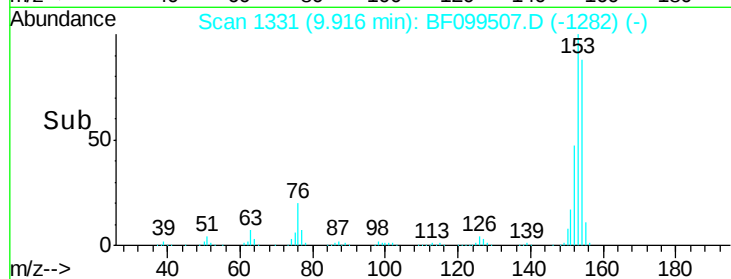
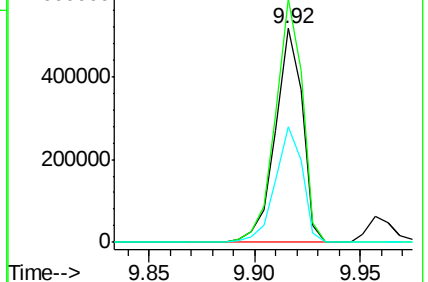
152 53.9 43.8 65.8



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: 35.17 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

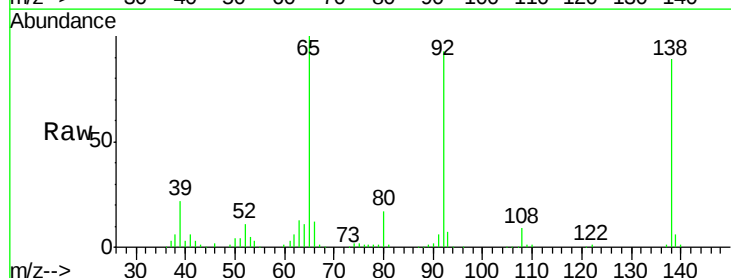
Tgt Ion:138 Resp: 120296

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

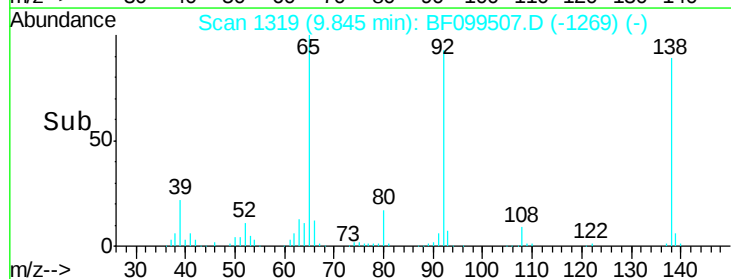
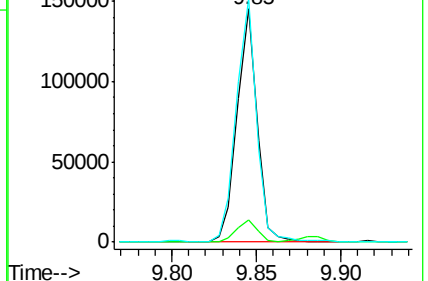
92 104.6 89.4 134.2

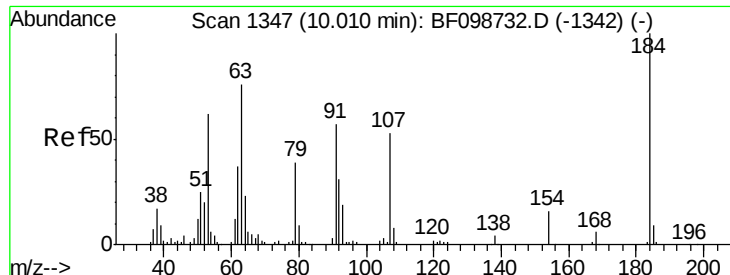


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

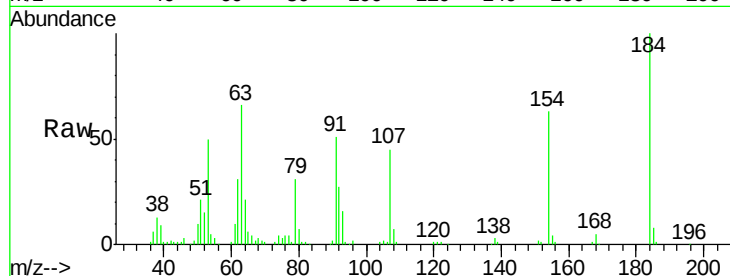




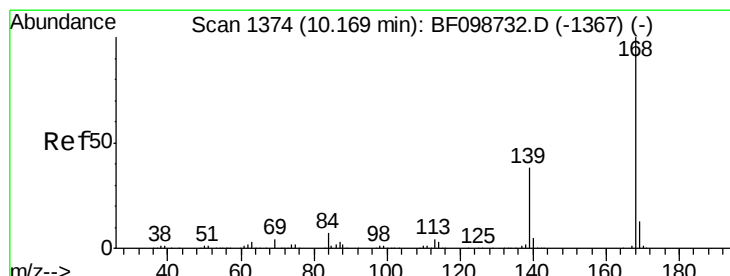
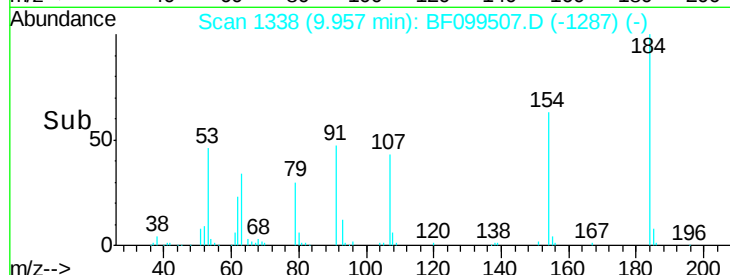
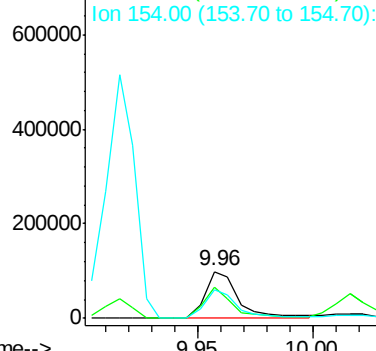
#53
2,4-Dinitrophenol
Concen: 65.86 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 98885
Ion Ratio Lower Upper
184 100
63 65.6 54.2 81.2
154 62.8 53.5 80.3

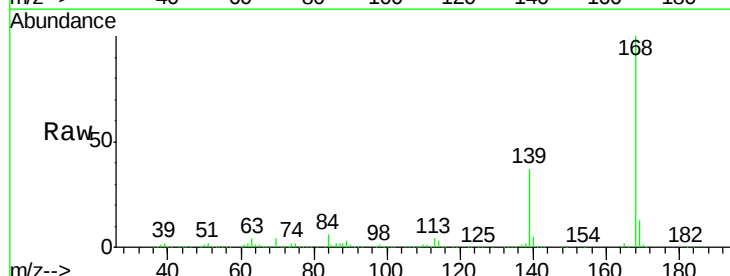


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

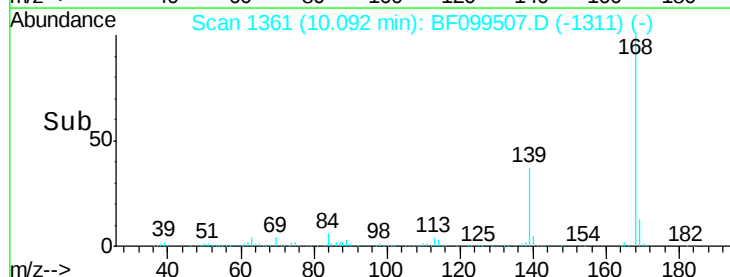
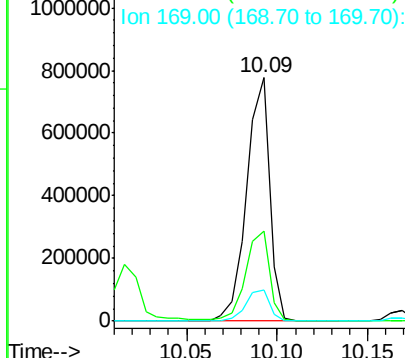


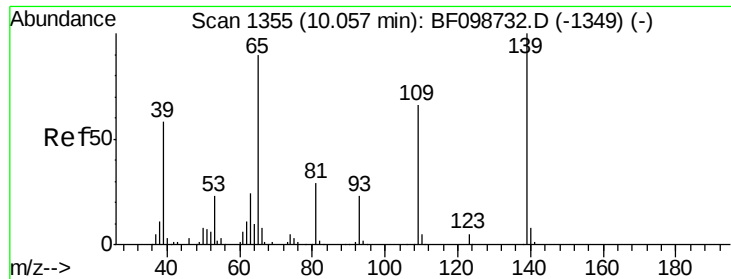
#54
Dibenzofuran
Concen: 45.96 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Tgt Ion:168 Resp: 683612
Ion Ratio Lower Upper
168 100
139 36.8 30.1 45.1
169 13.0 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: 61.67 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Instrument :

BNA_F

ClientSampleId :

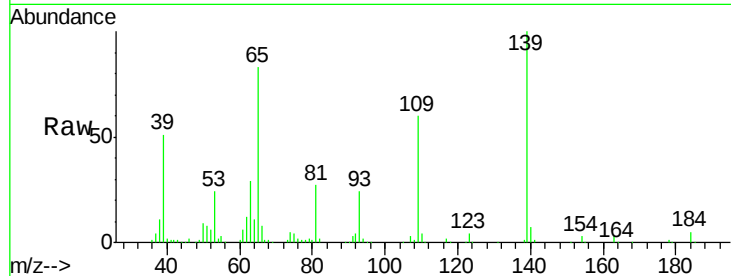
Tot Ion:139 Resp: 178355

Ion Ratio Lower Upper

139 100

109 60.0 48.4 88.4

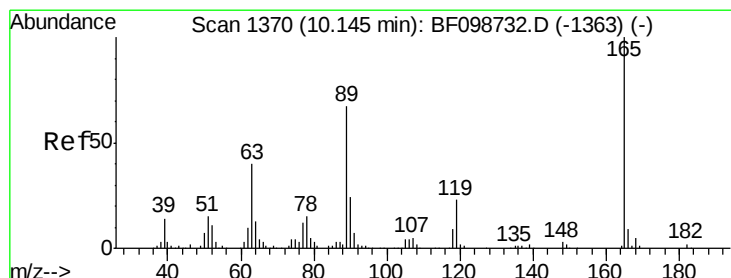
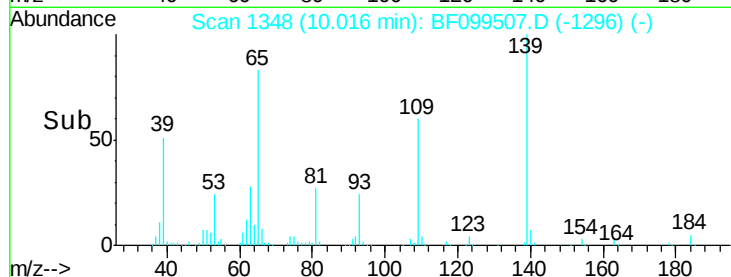
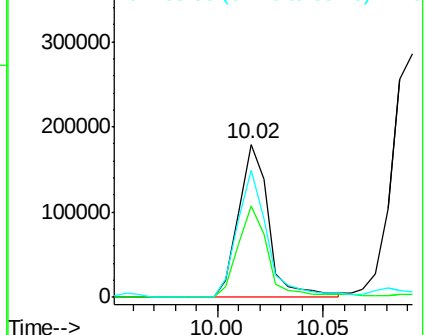
65 83.0 72.6 112.6



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



#56

2,4-Dinitrotoluene

Concen: 45.40 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Tgt Ion:165 Resp: 172843

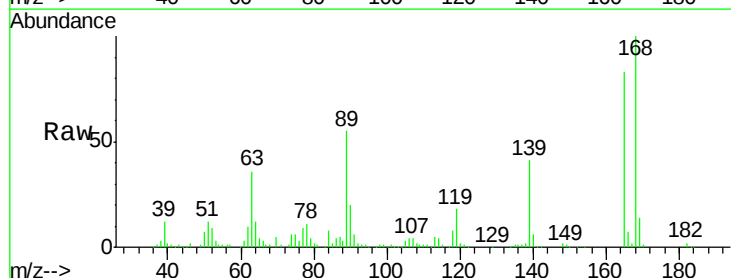
Ion Ratio Lower Upper

165 100

63 43.3 36.4 54.6

89 66.4 57.8 86.6

182 2.1 1.6 2.4

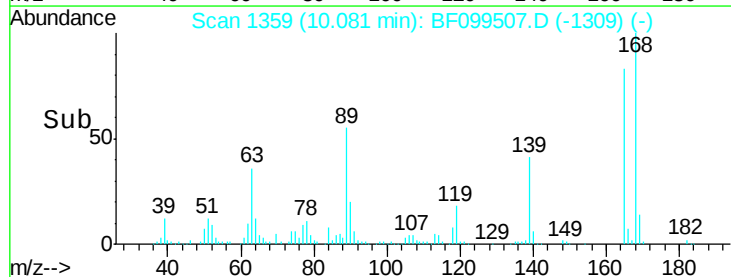
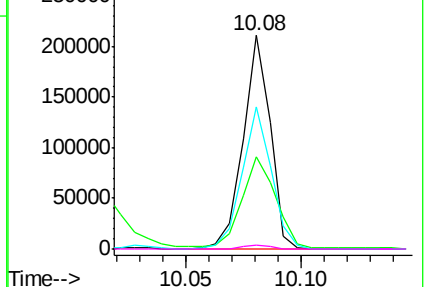


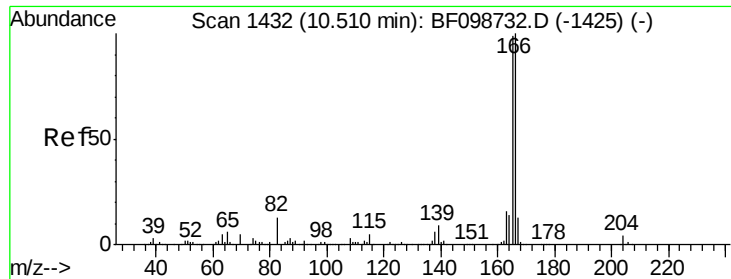
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

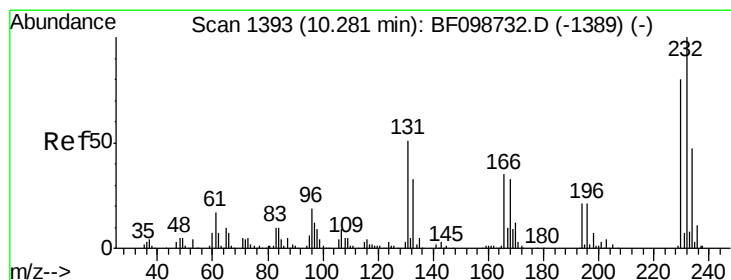
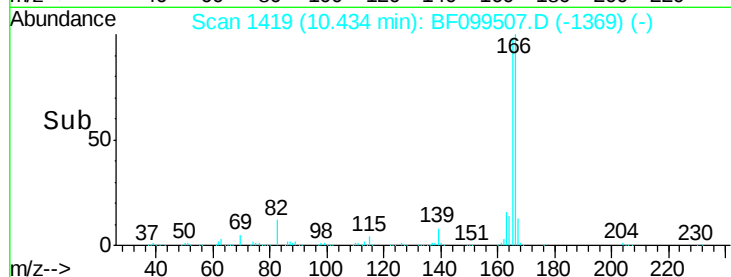
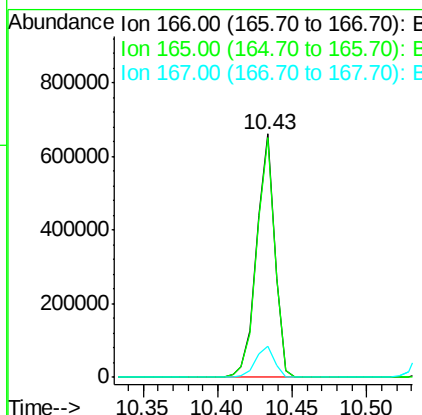
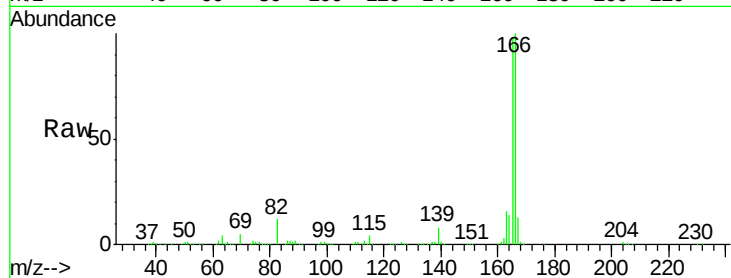




#57
 Fluorene
 Concen: 45.88 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

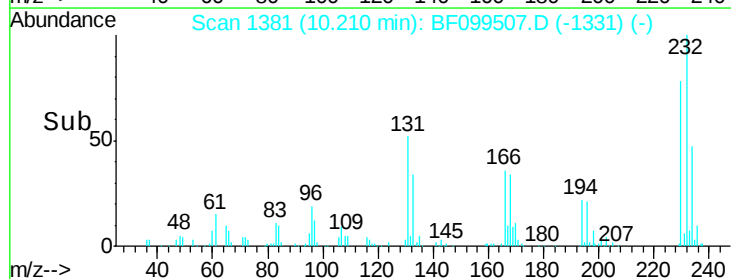
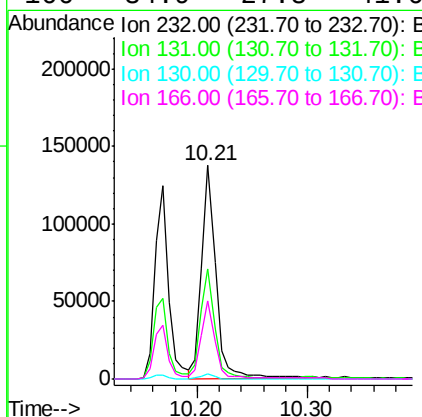
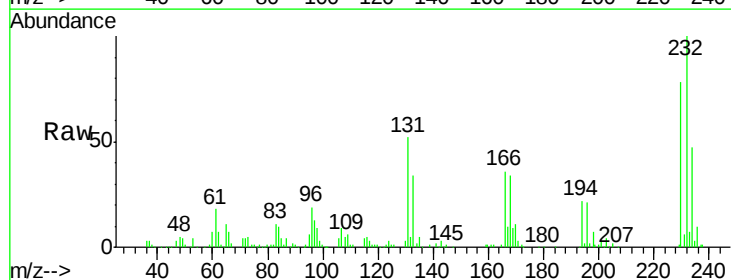
Instrument :
 BNA_F
 ClientSampleId :

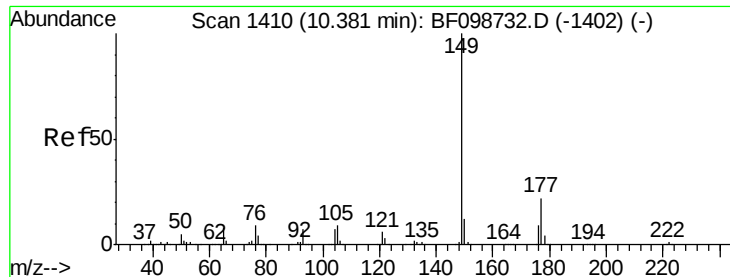
Tot Ion	166	Resp	548503
Ion Ratio	Lower	Upper	
166	100		
165	98.3	79.8	119.8
167	13.0	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.37 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

Tgt Ion	232	Resp	120613
Ion Ratio	Lower	Upper	
232	100		
131	49.4	43.8	65.8
130	2.4	2.1	3.1
166	34.9	27.8	41.6

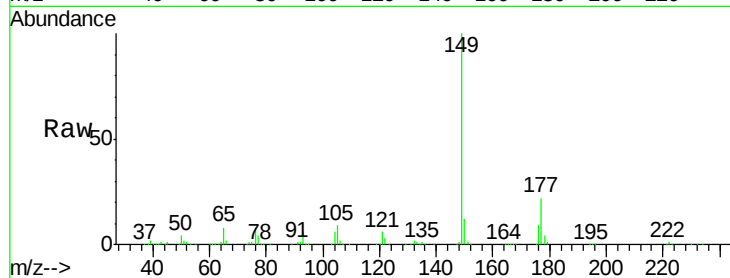




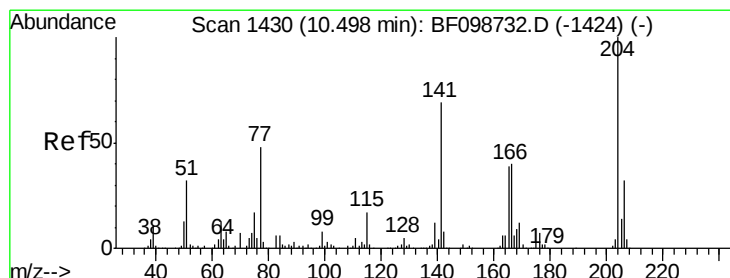
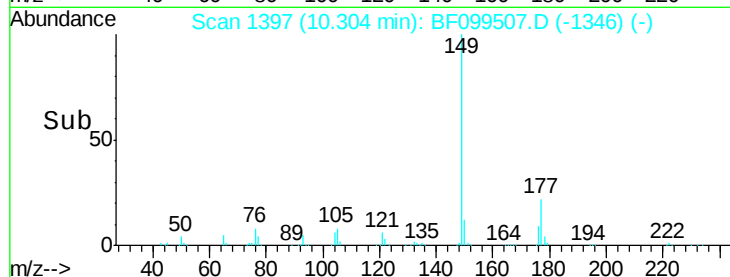
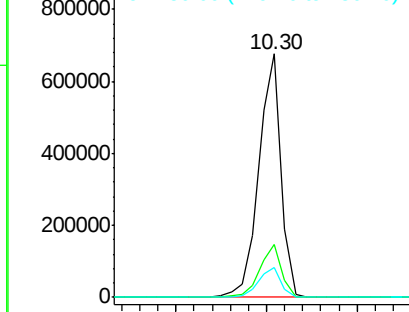
#59
Diethylphthalate
Concen: 43.65 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 574657
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.5 10.1 15.1

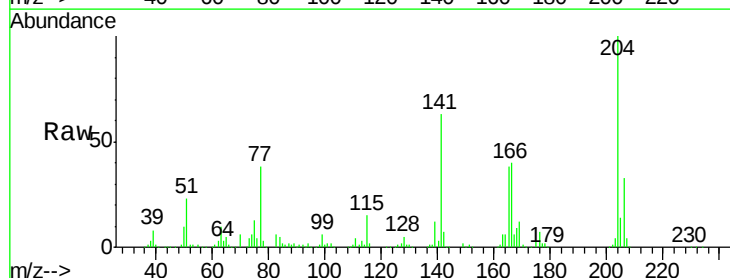


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

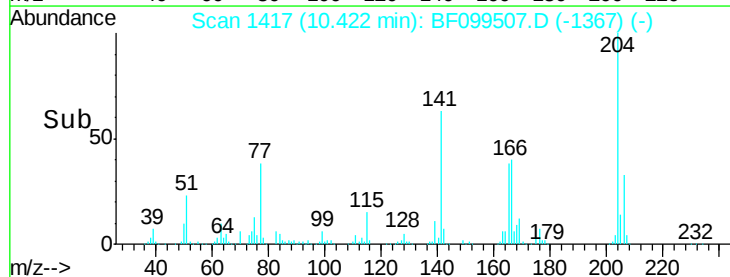
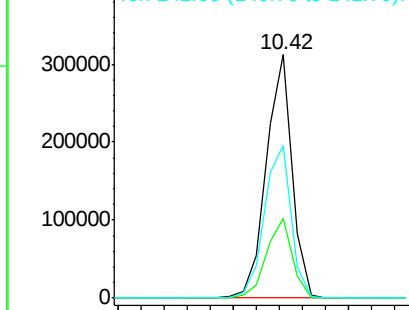


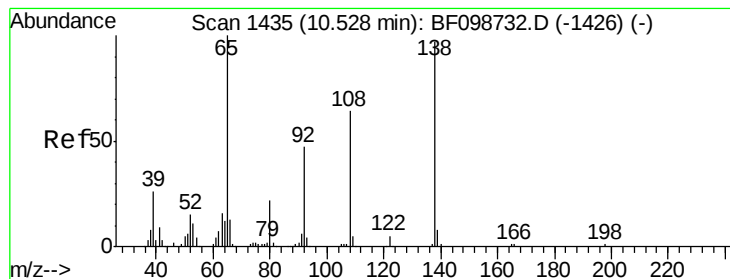
#60
4-Chlorophenyl-phenylether
Concen: 45.31 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Tgt Ion:204 Resp: 243336
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 62.8 54.6 81.8



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





#61

4-Nitroaniline

Concen: 47.76 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Instrument :

BNA_F

ClientSampleId :

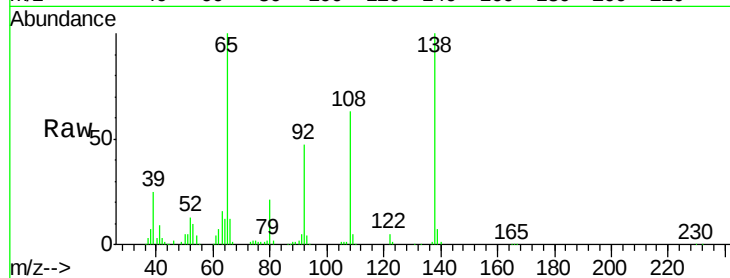
Tot Ion:138 Resp: 157595

Ion Ratio Lower Upper

138 100

92 46.7 30.2 70.2

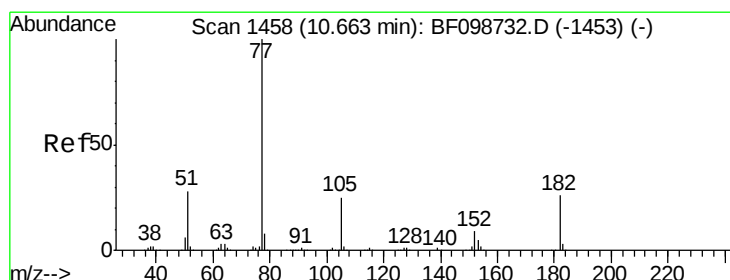
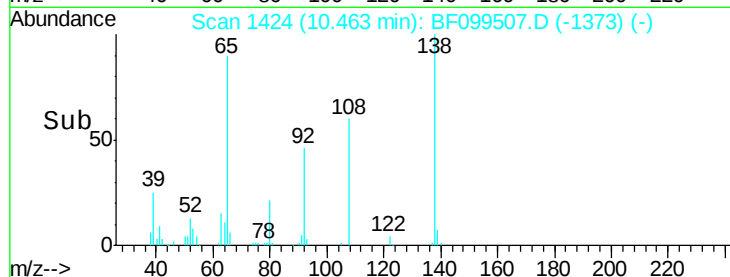
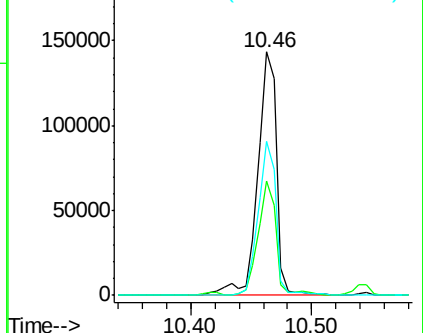
108 63.3 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.90 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Tgt Ion: 77 Resp: 543610

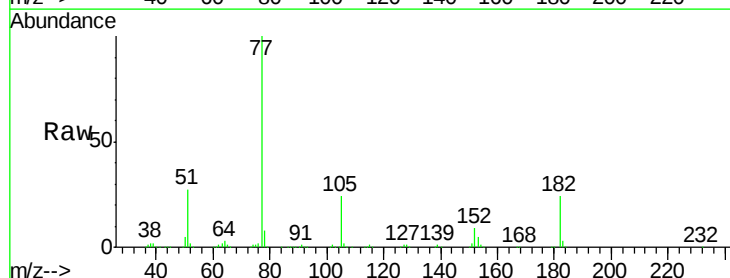
Ion Ratio Lower Upper

77 100

182 23.9 1.7 41.7

105 24.0 3.0 43.0

51 26.5 9.9 49.9

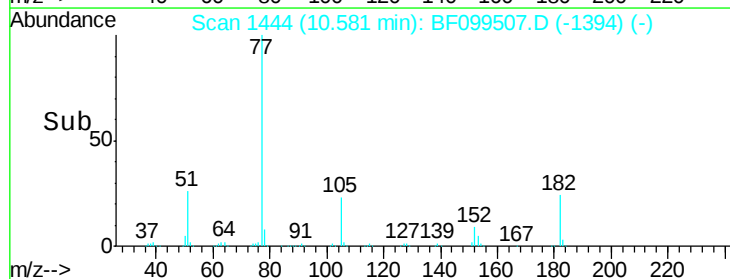
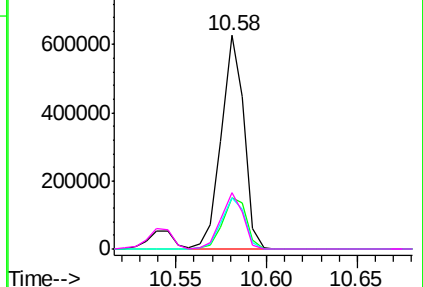


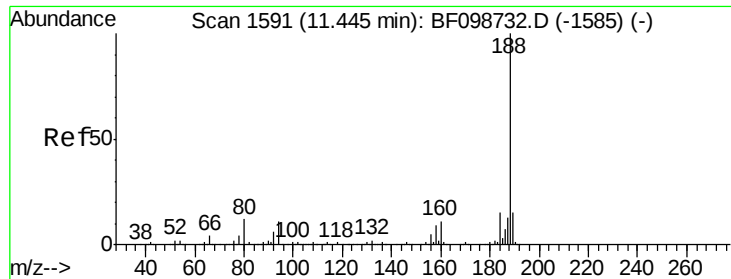
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

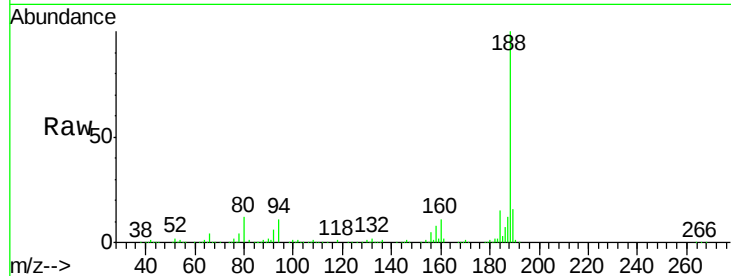




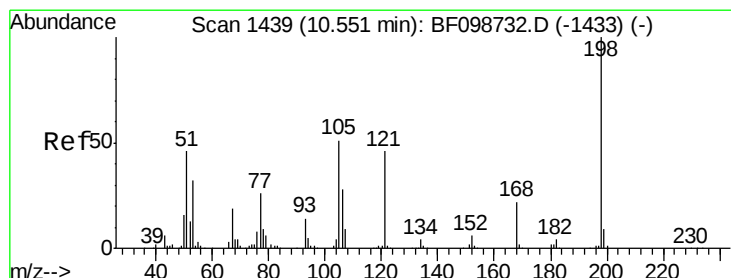
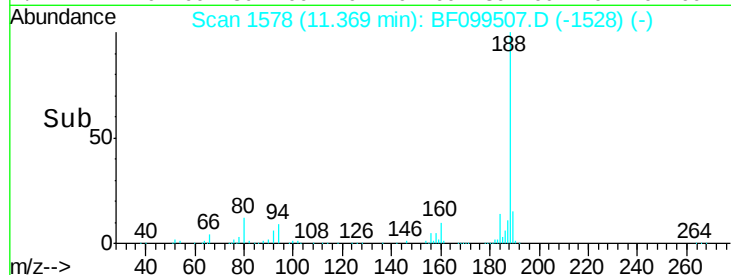
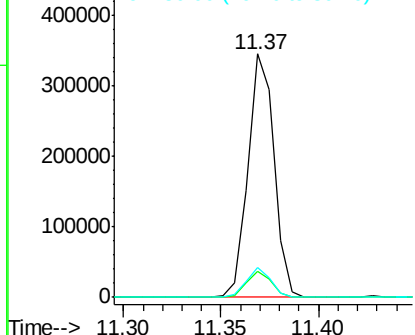
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 319268
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 12.2 9.2 13.8

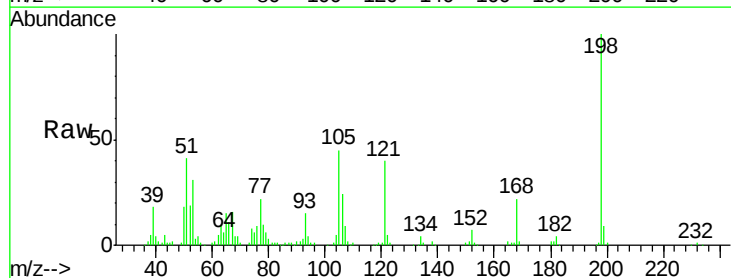


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

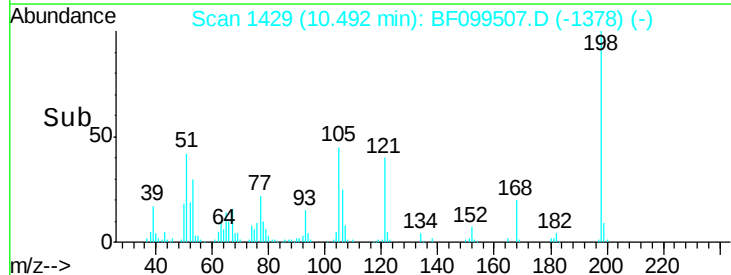
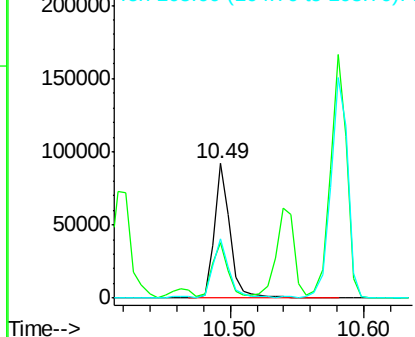


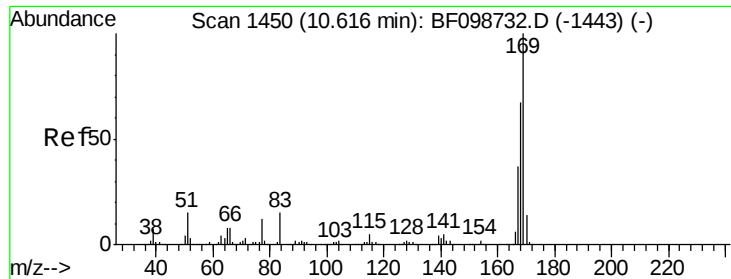
#64
4,6-Dinitro-2-methylphenol
Concen: 39.45 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Tgt Ion:198 Resp: 76633
Ion Ratio Lower Upper
198 100
51 41.4 37.7 77.7
105 44.6 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

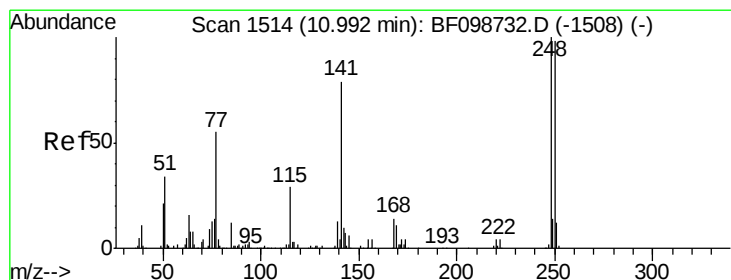
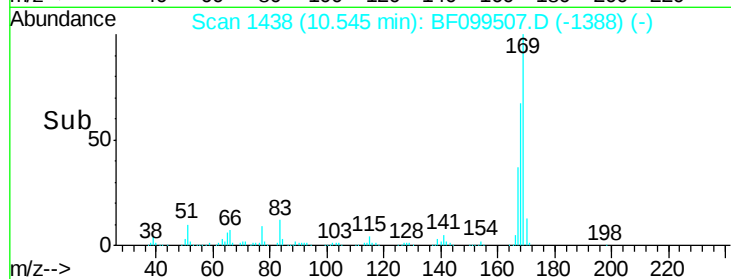
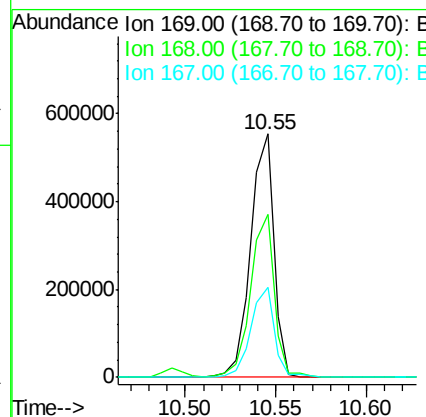
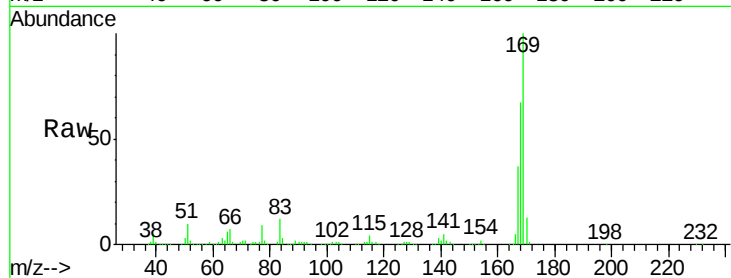




#65
n-Nitrosodiphenylamine
Concen: 44.76 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

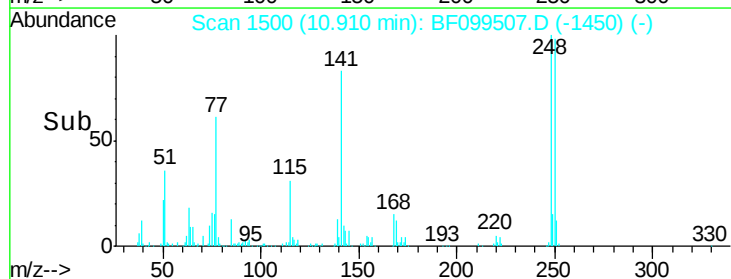
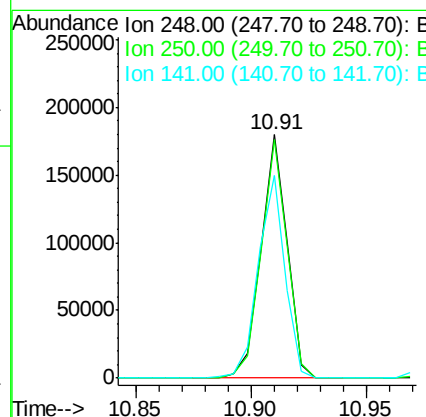
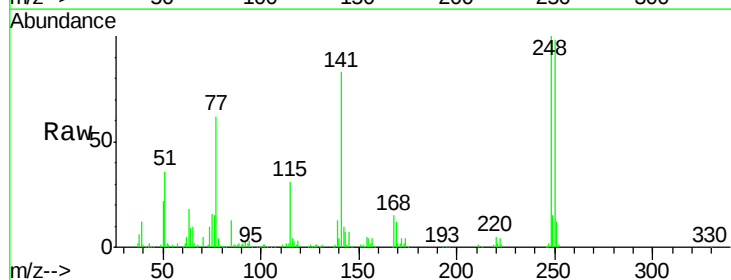
Instrument :
BNA_F
ClientSampleId :

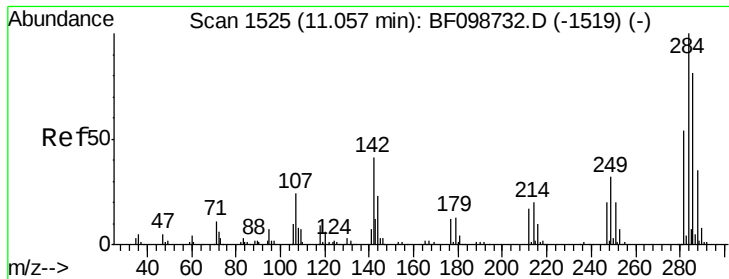
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.4	81.6
167	36.8	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 45.40 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.9	115.3
141	83.1	74.4	111.6

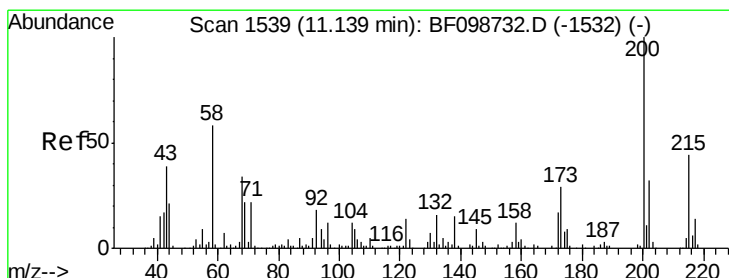
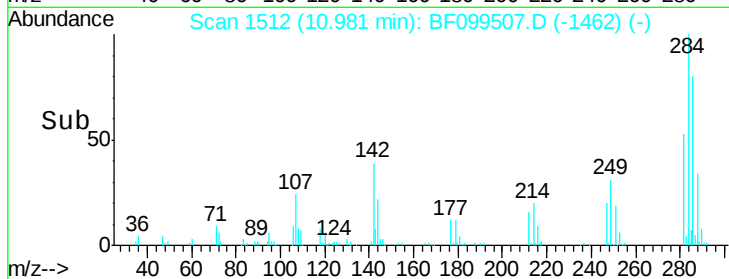
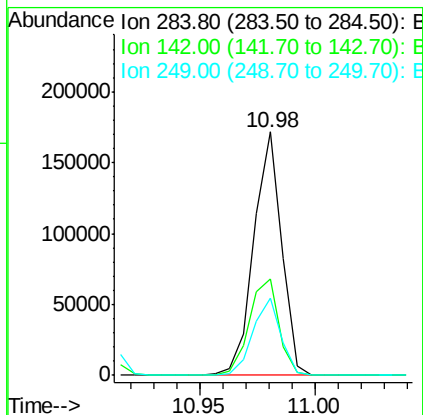
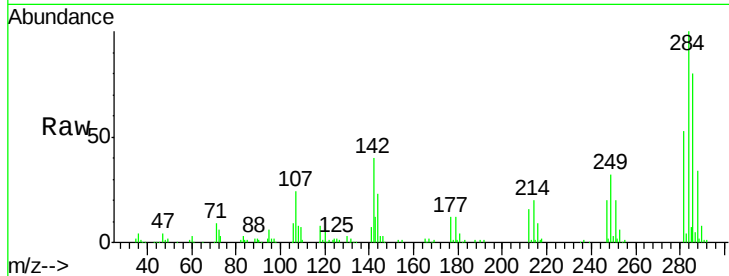




#67
Hexachlorobenzene
Concen: 43.42 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

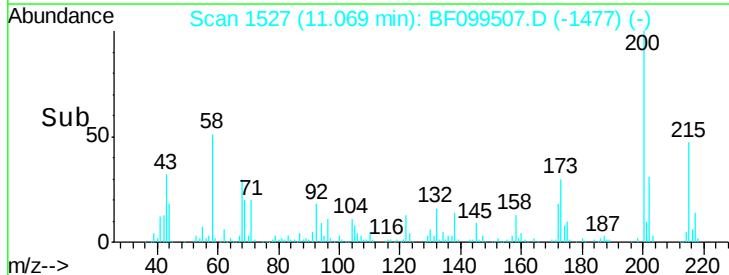
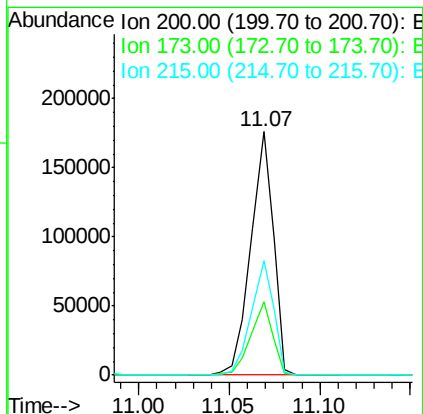
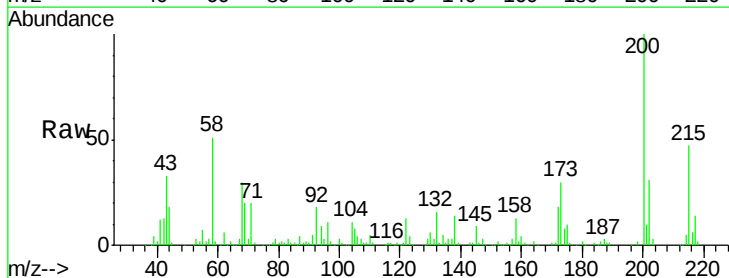
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 144913
Ion Ratio Lower Upper
284 100
142 39.7 34.6 52.0
249 31.6 24.8 37.2



#68
Atrazine
Concen: 46.16 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Tgt Ion:200 Resp: 153614
Ion Ratio Lower Upper
200 100
173 30.0 8.6 48.6
215 46.7 25.1 65.1

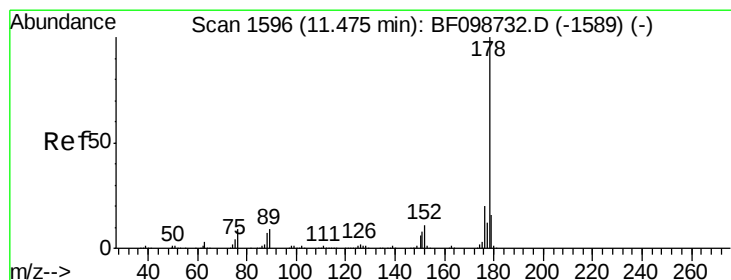
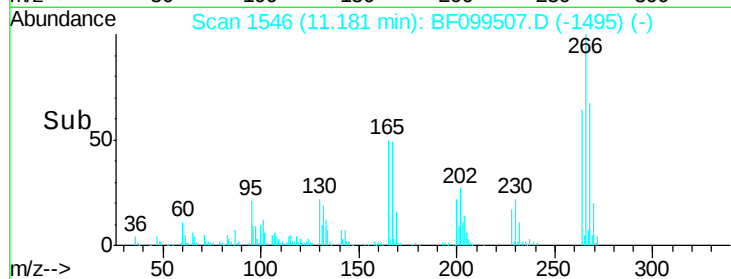
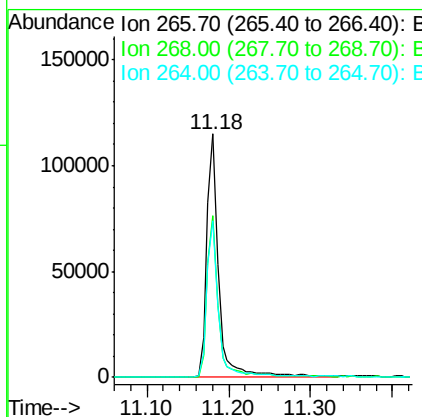
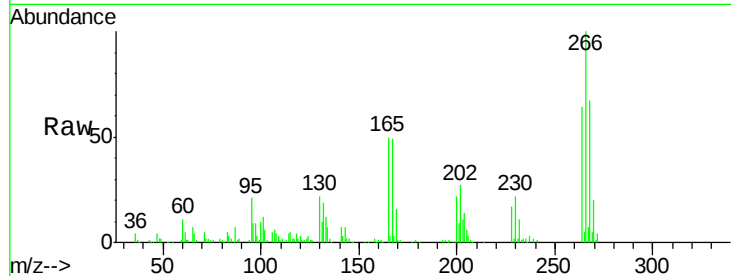




#69
 Pentachlorophenol
 Concen: 56.90 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

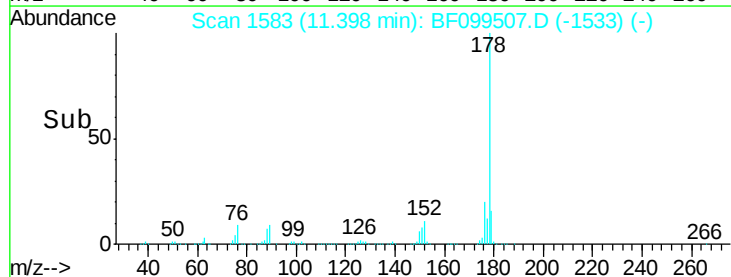
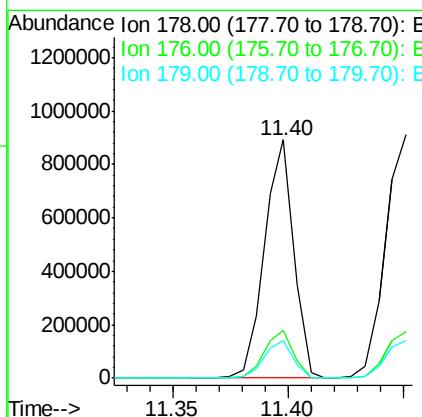
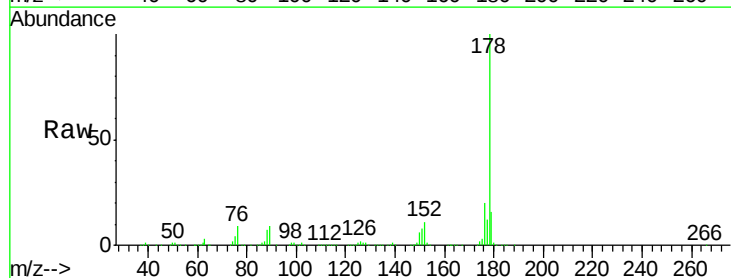
Instrument :
 BNA_F
 ClientSampleId :

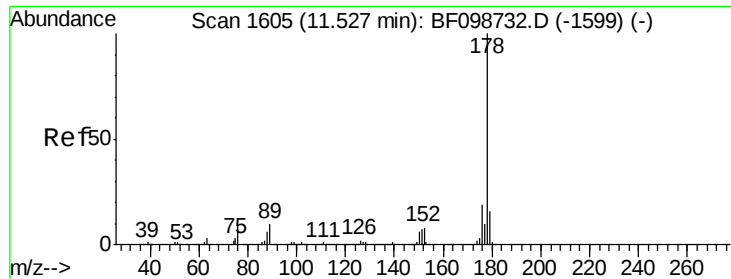
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.6	51.1	76.7
264	64.3	49.5	74.3



#70
 Phenanthrene
 Concen: 45.89 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.8	13.0	19.6

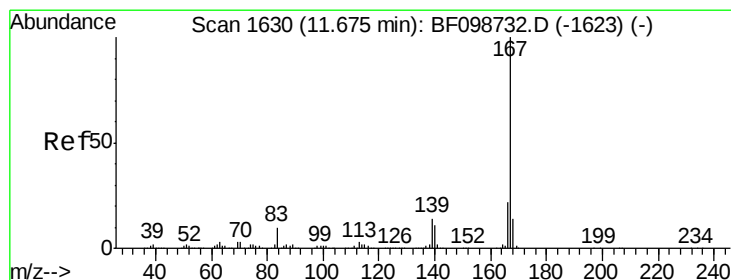
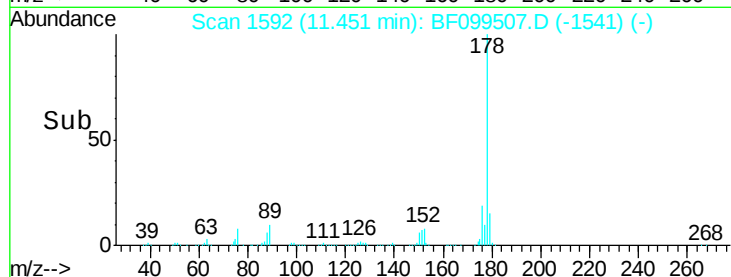
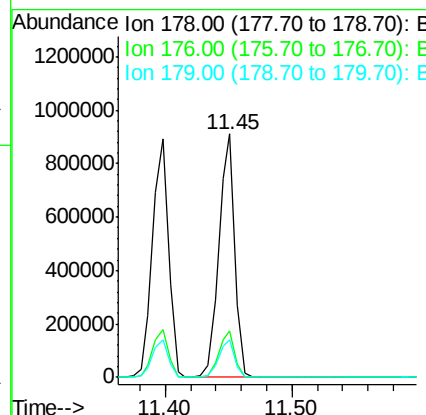
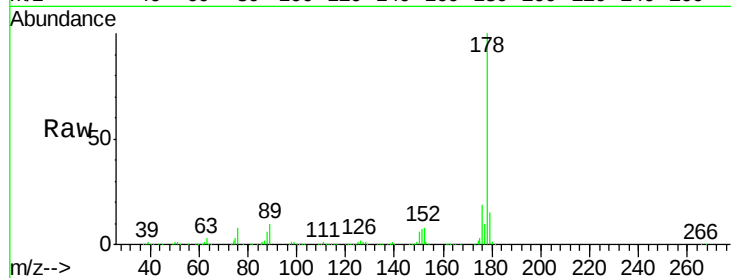




#71
 Anthracene
 Concen: 46.37 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

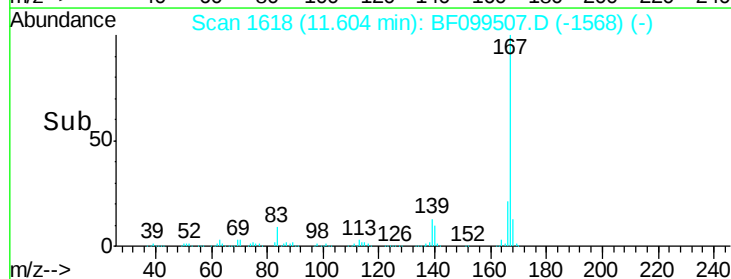
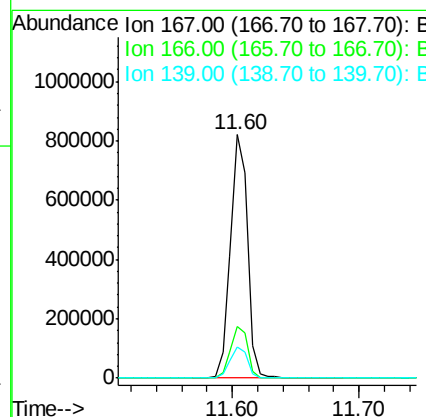
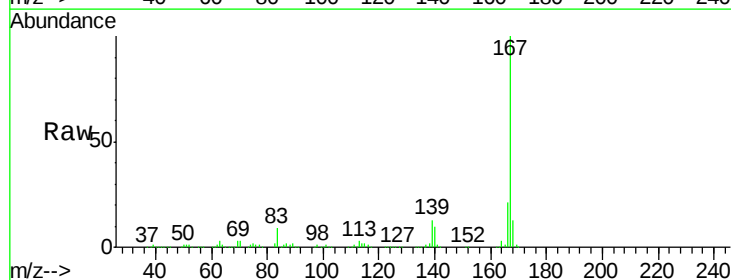
Instrument :
 BNA_F
 ClientSampleId :

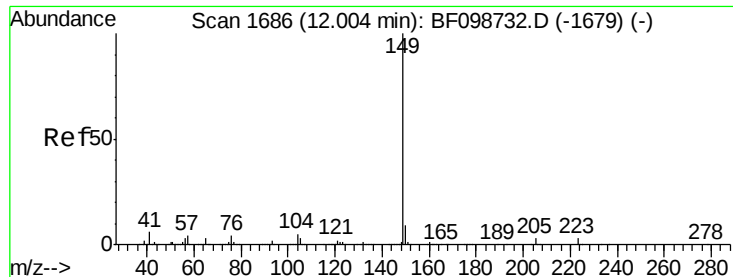
Tot Ion:178 Resp: 810885
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 44.67 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

Tgt Ion:167 Resp: 764837
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 12.8 10.9 16.3

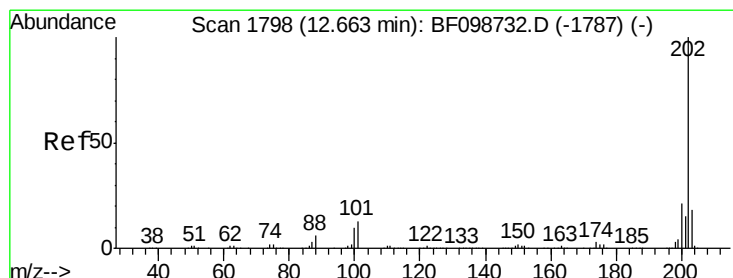
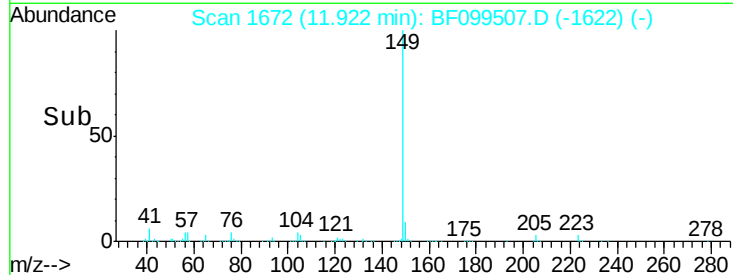
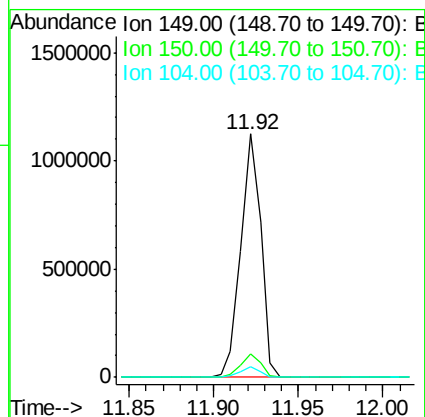
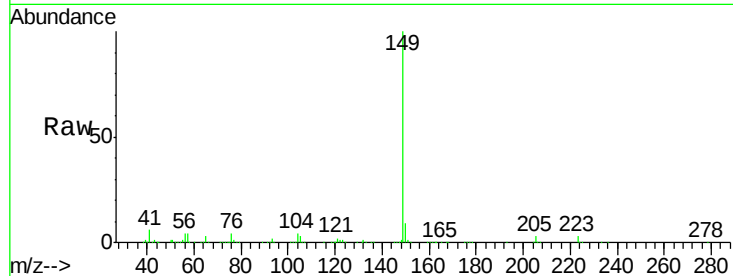




#73
Di-n-butylphthalate
Concen: 45.04 ng
RT: 11.92 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

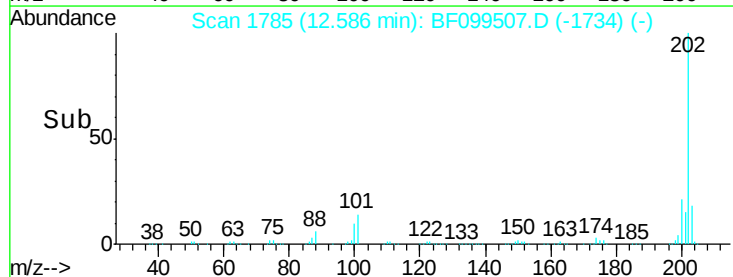
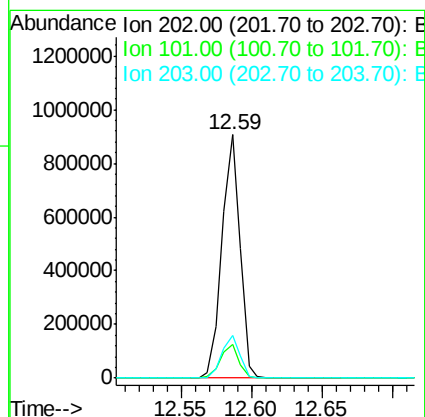
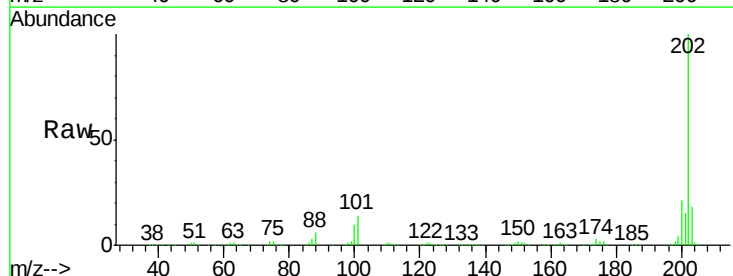
Instrument :
BNA_F
ClientSampled :

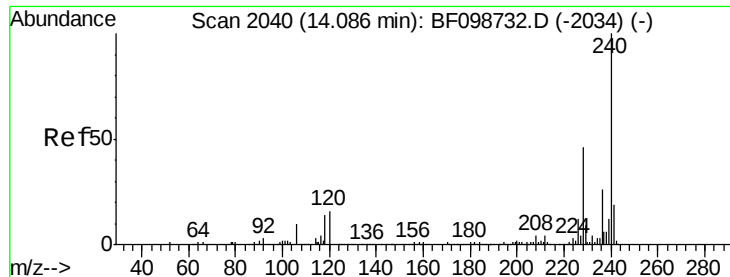
Tot Ion:149 Resp: 928211
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 46.59 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Tgt Ion:202 Resp: 806247
Ion Ratio Lower Upper
202 100
101 13.9 0.0 34.1
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Instrument :

BNA_F

ClientSampleId :

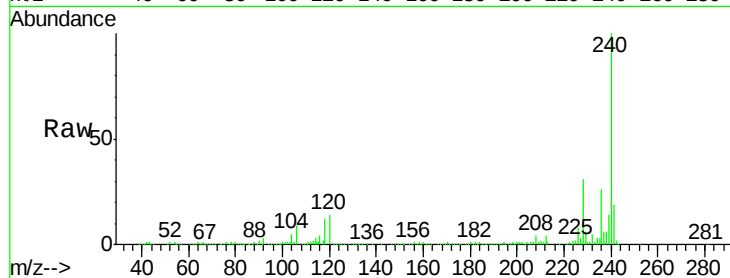
Tot Ion:240 Resp: 215232

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

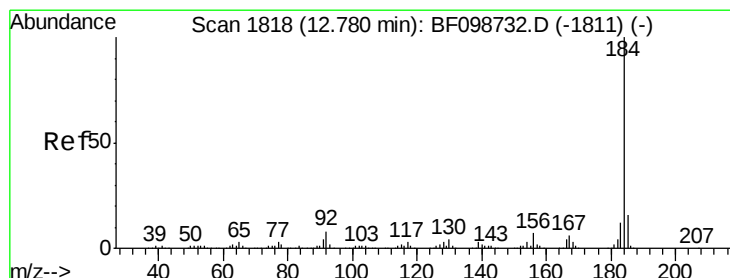
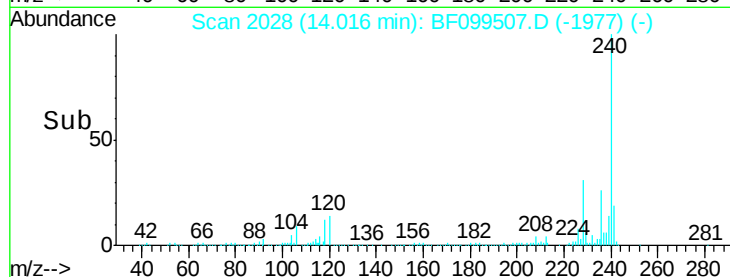
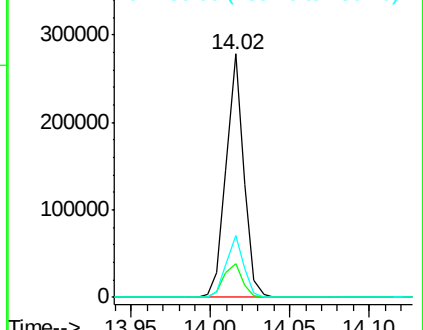
236 25.5 20.7 31.1



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: 43.71 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

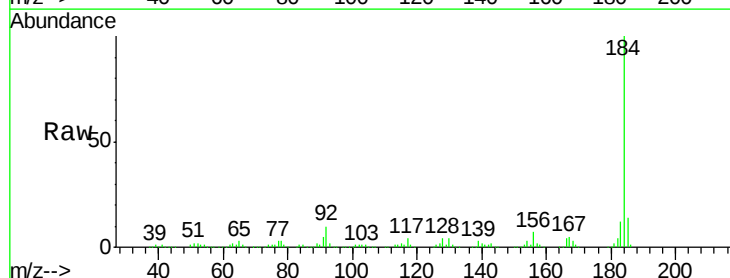
Tgt Ion:184 Resp: 347990

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

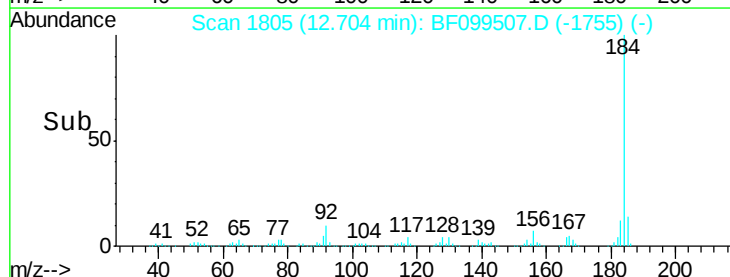
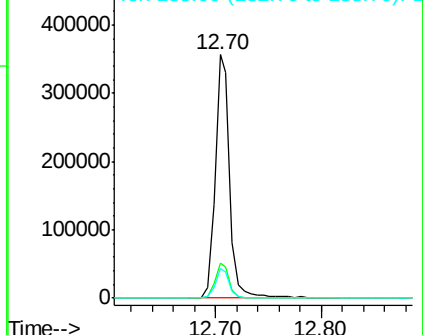
183 12.1 9.3 13.9

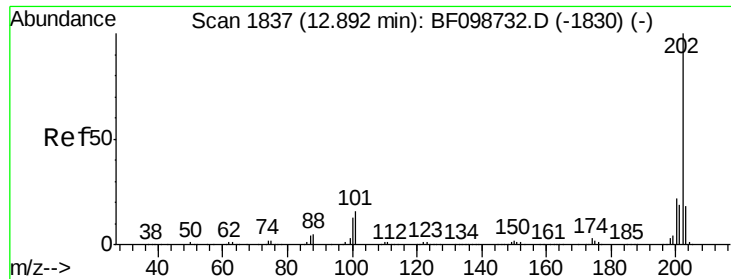


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

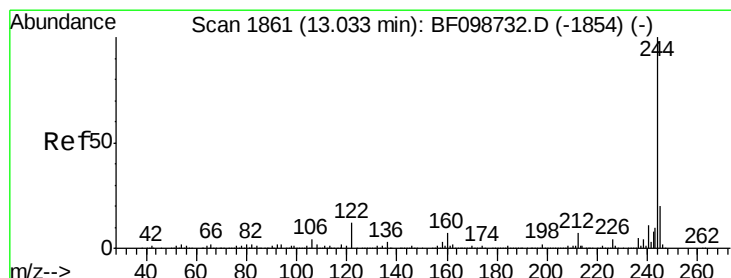
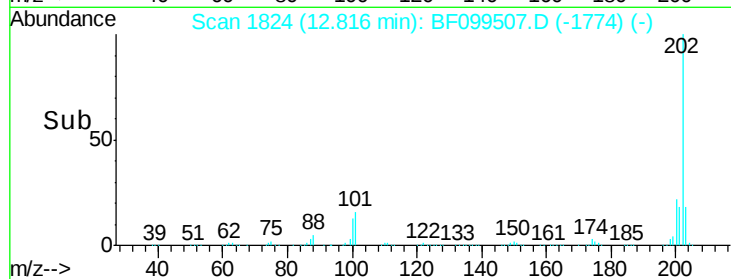
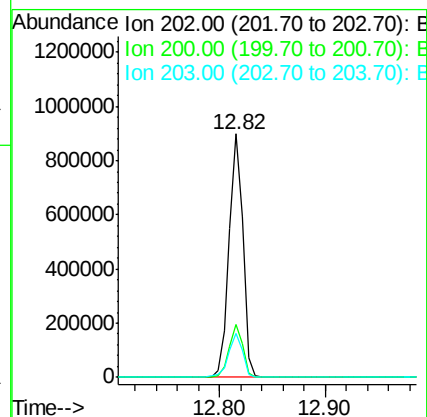
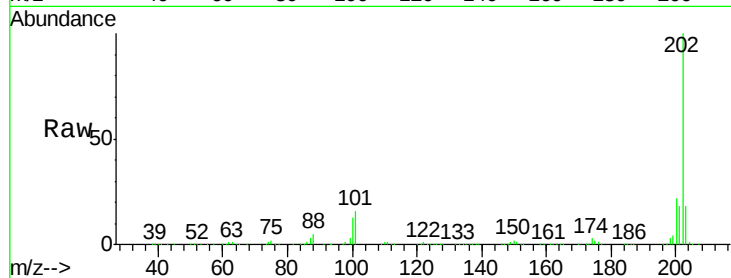




#77
Pvrene
Concen: 50.20 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

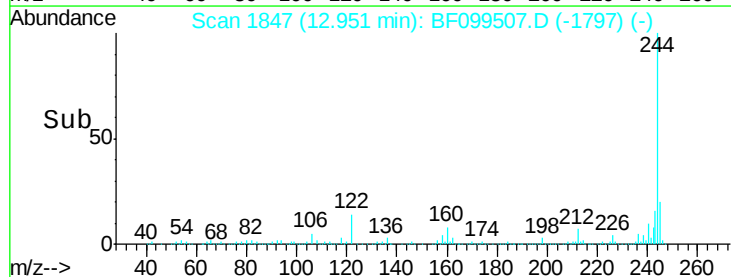
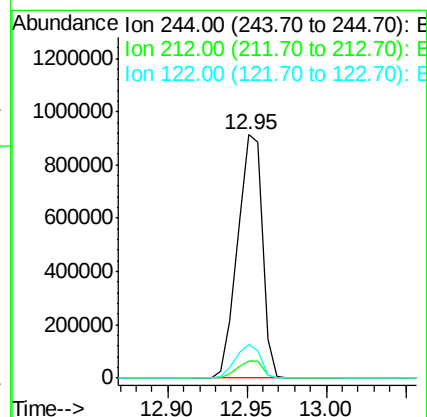
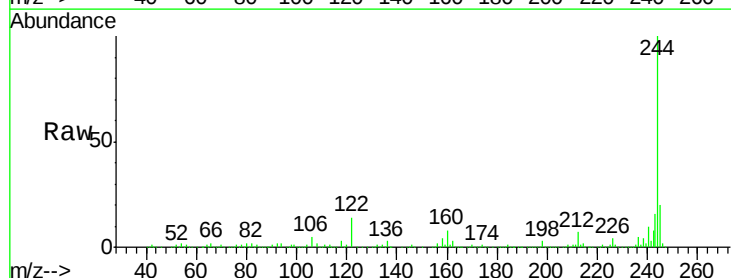
Instrument :
BNA_F
ClientSampleId :

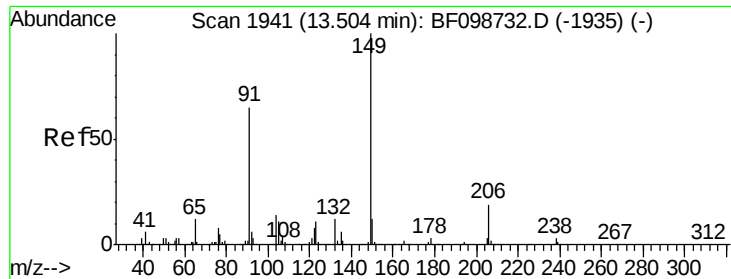
Tot Ion:202 Resp: 823817
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 104.33 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Tgt Ion:244 Resp: 987400
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.9 11.0 16.4

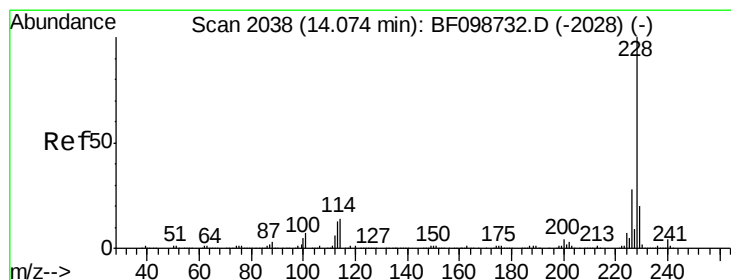
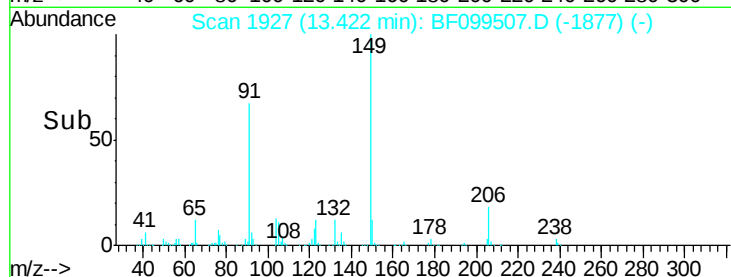
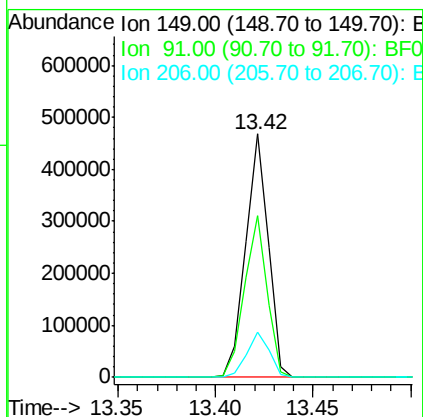
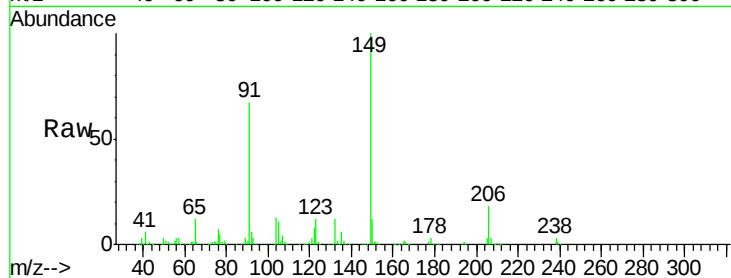




#79
Butylbenzylphthalate
Concen: 48.85 ng
RT: 13.42 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

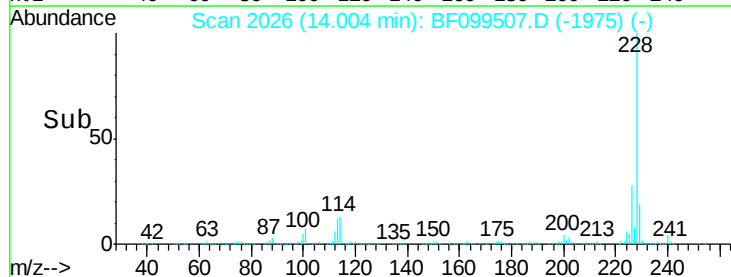
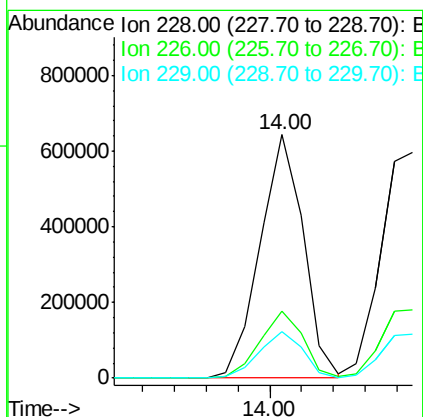
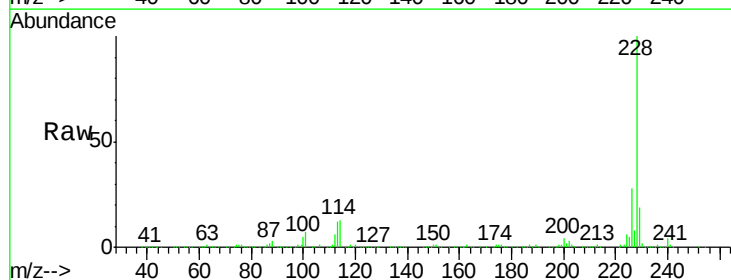
Instrument :
BNA_F
ClientSampleId :

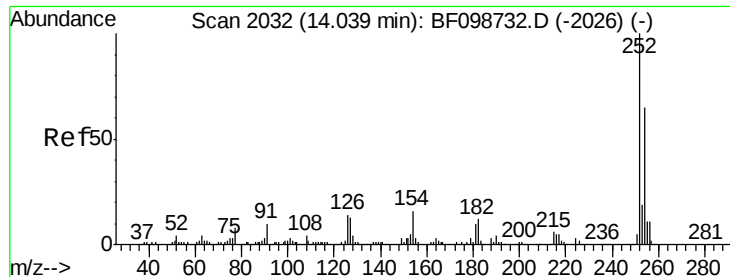
Tot Ion:149 Resp: 376760
Ion Ratio Lower Upper
149 100
91 66.6 56.8 85.2
206 18.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 46.97 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Tgt Ion:228 Resp: 612156
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.3 15.8 23.6

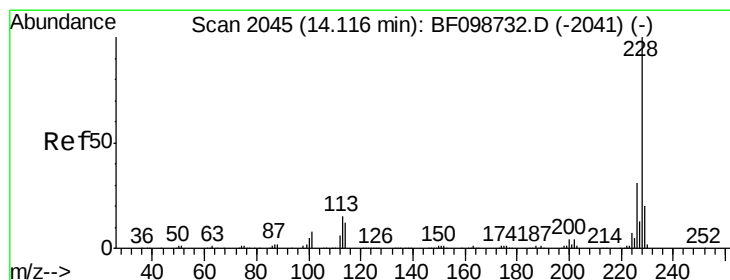
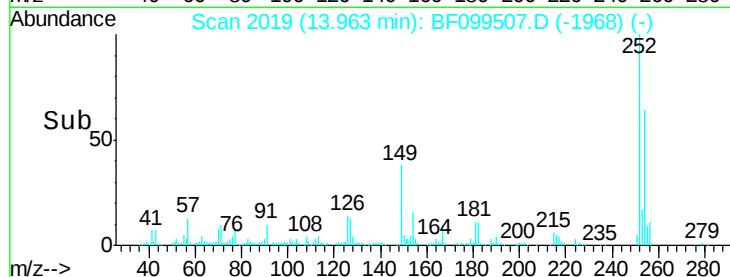
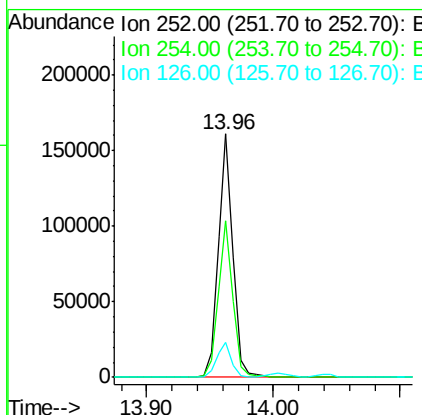
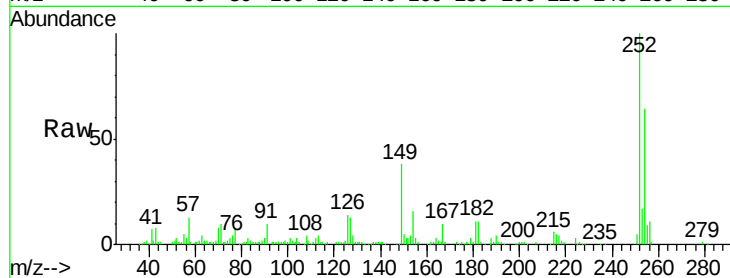




#81
 3,3'-Dichlorobenzidine
 Concen: 27.41 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

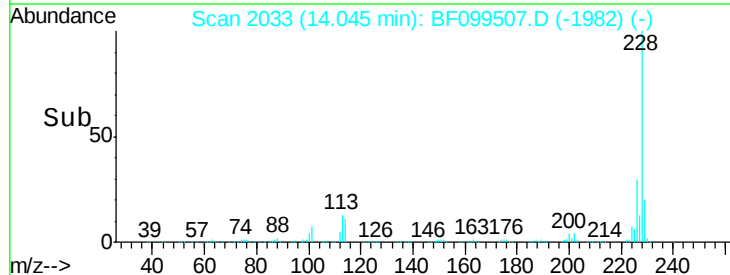
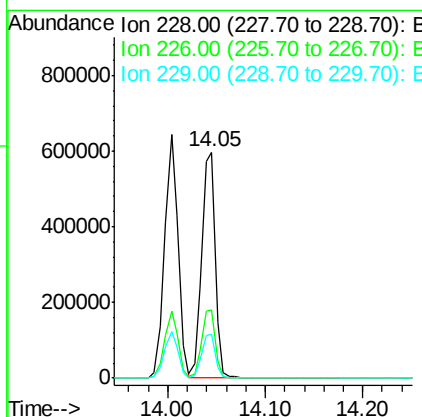
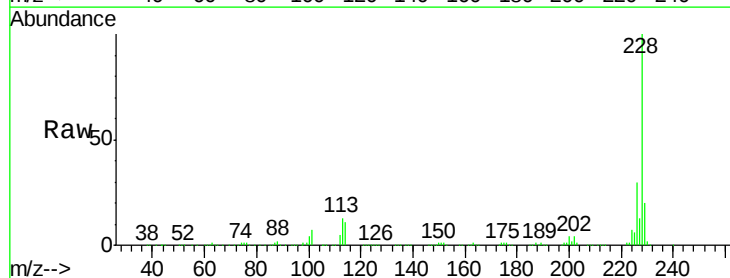
Instrument :
 BNA_F
 ClientSampleId :

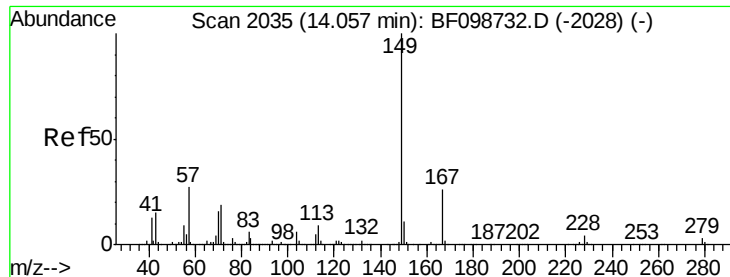
Tot Ion:252 Resp: 130946
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 14.3 11.3 16.9



#82
 Chrysene
 Concen: 46.32 ng
 RT: 14.05 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

Tgt Ion:228 Resp: 574756
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 19.6 16.2 24.4

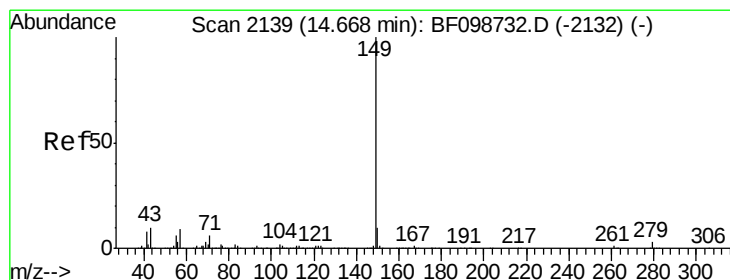
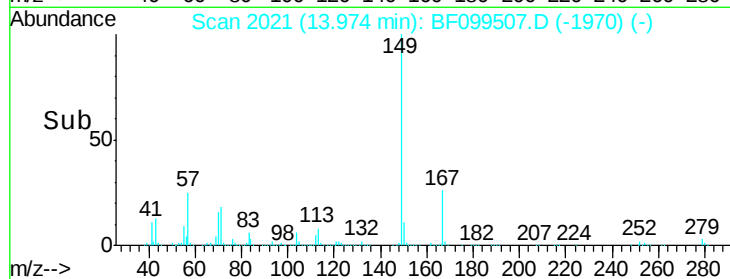
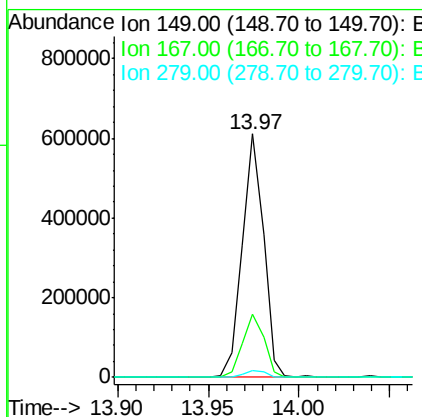
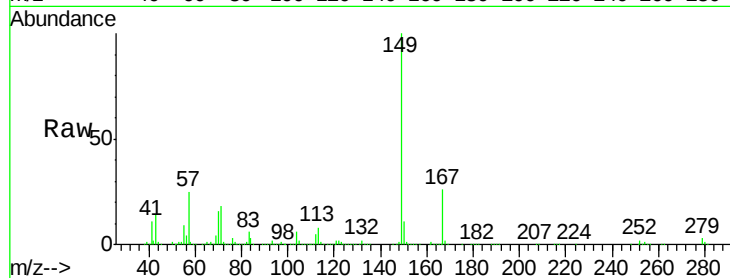




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.27 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

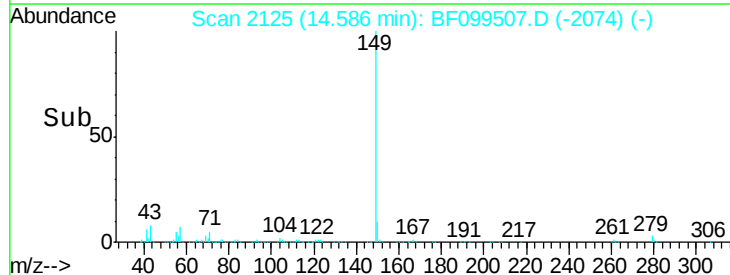
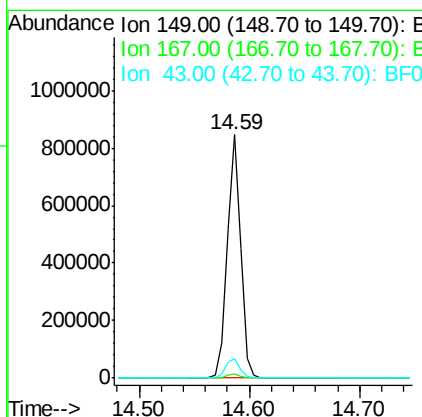
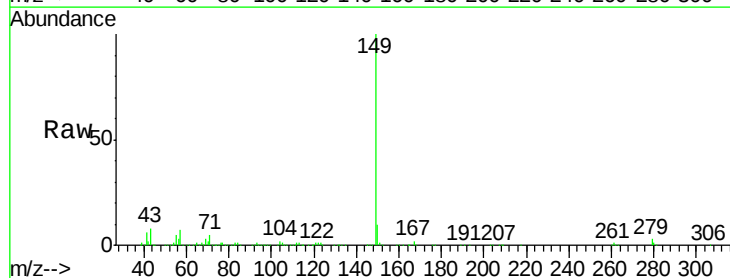
Instrument :
 BNA_F
 ClientSampleId :

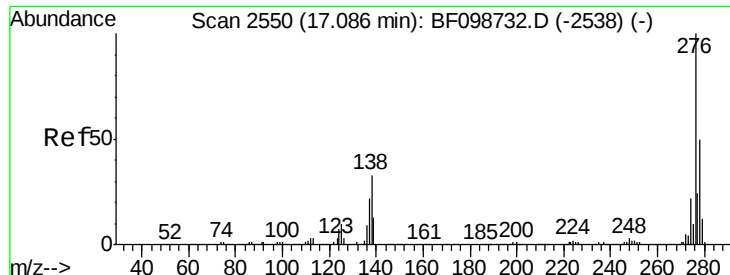
Tot Ion:149 Resp: 502072
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.3 31.9
 279 2.9 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 42.06 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

Tgt Ion:149 Resp: 719242
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.2 8.4 12.6#

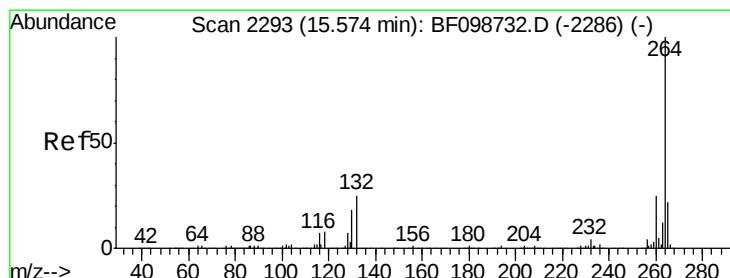
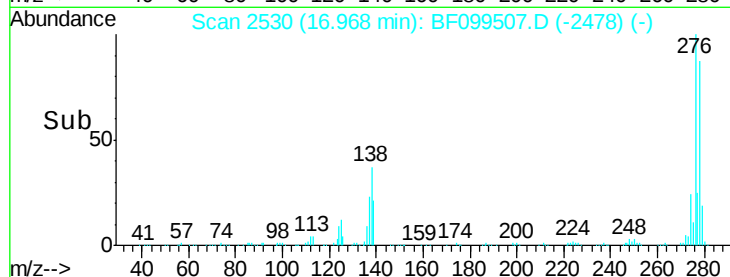
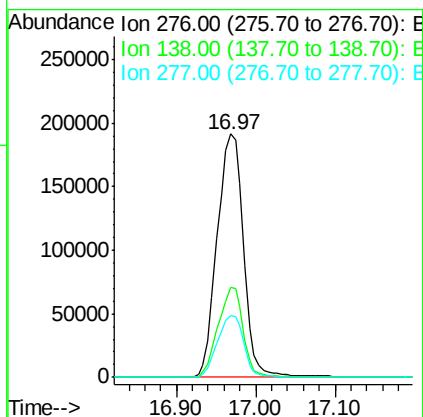
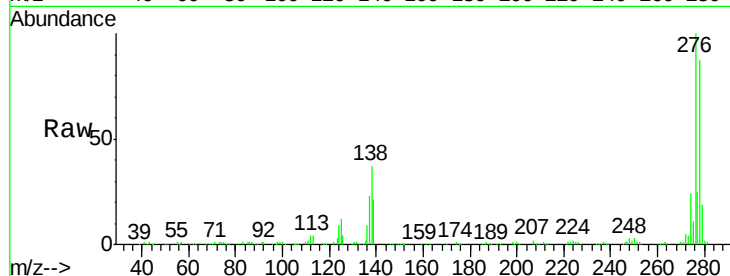




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.56 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.01 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

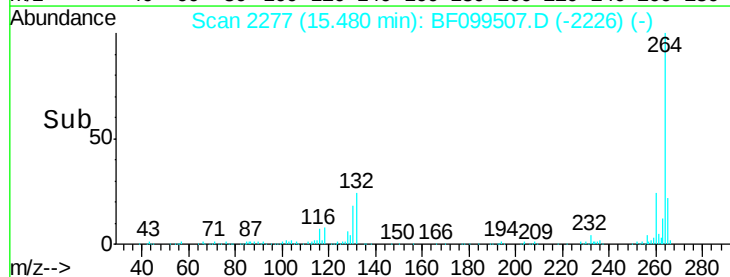
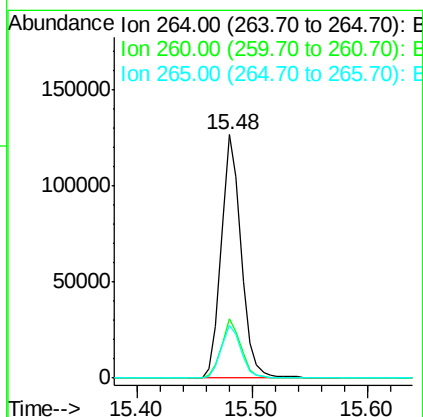
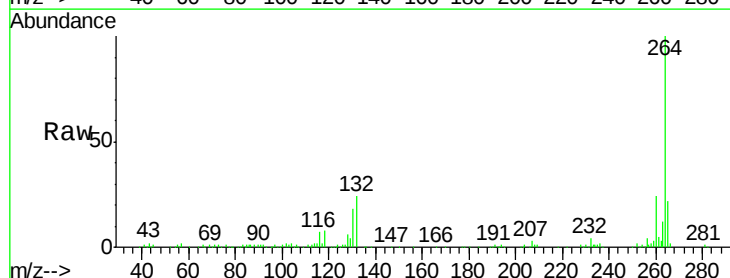
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.1	25.0	37.6
277	25.5	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.5	26.3

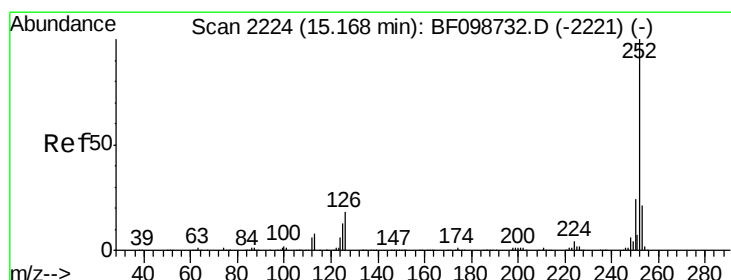
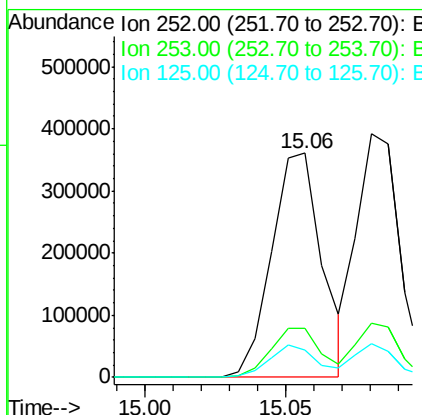
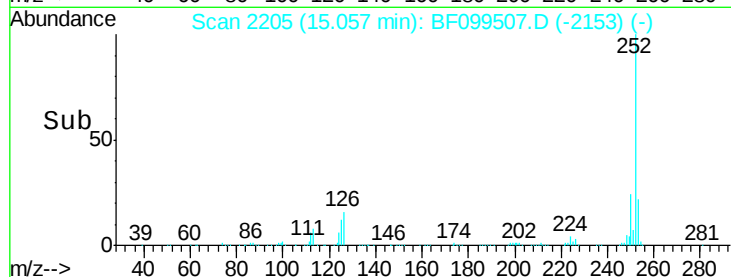
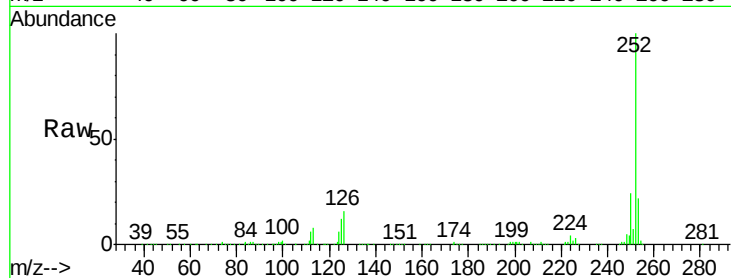




#87
Benzo(b)fluoranthene
Concen: 47.74 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

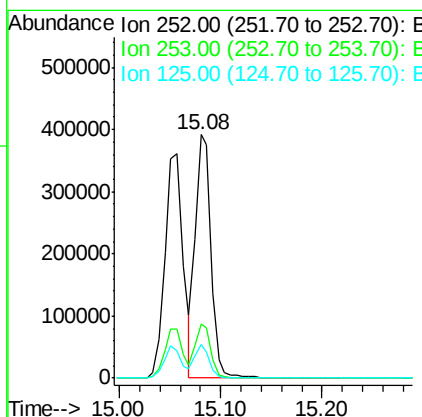
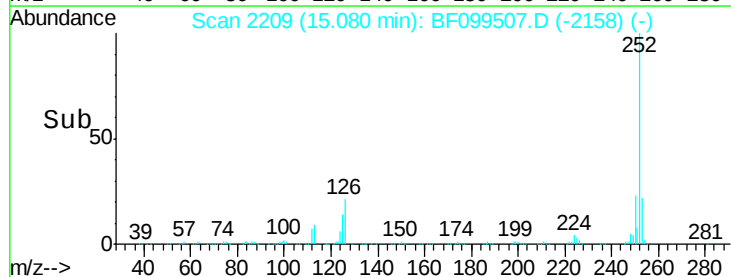
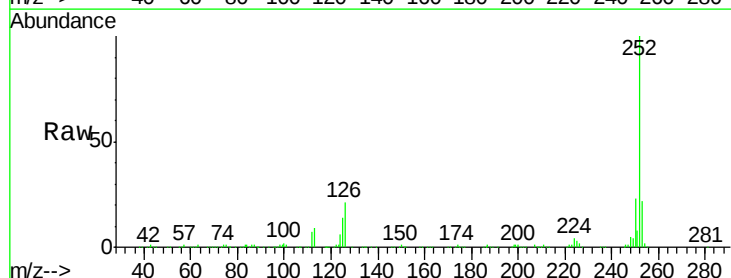
Instrument :
BNA_F
ClientSampleId :

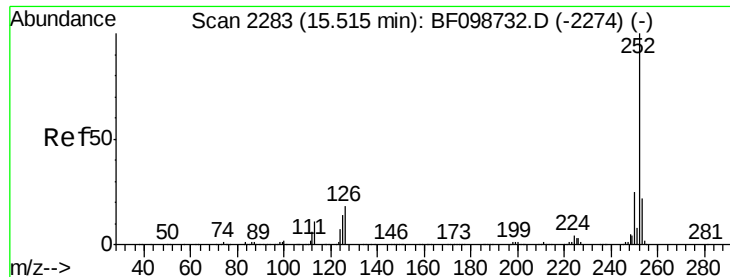
Tot Ion:252 Resp: 447912
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 45.35 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF099507.D
Acq: 15 Oct 2017 12:09

Tgt Ion:252 Resp: 420299
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 14.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 47.14 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

Instrument :

BNA_F

ClientSampleId :

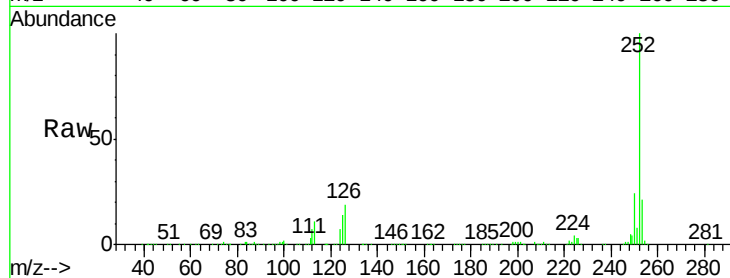
Tot Ion:252 Resp: 406013

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

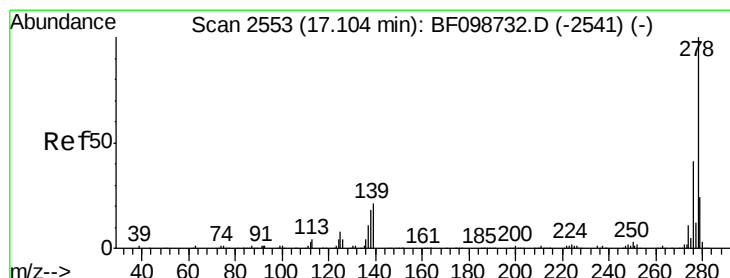
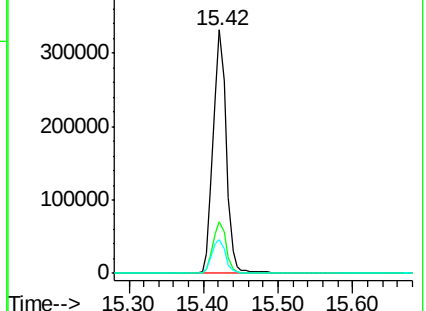
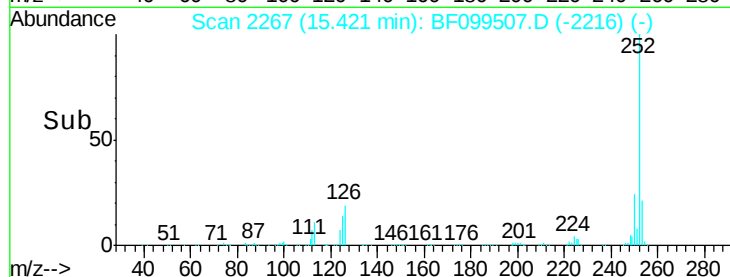
125 14.0 9.8 14.6



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: 53.85 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BF099507.D

Acq: 15 Oct 2017 12:09

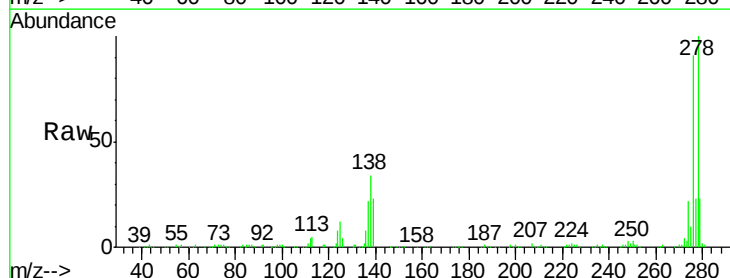
Tgt Ion:278 Resp: 371153

Ion Ratio Lower Upper

278 100

139 23.1 15.9 23.9

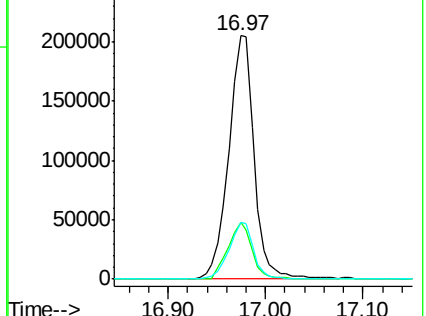
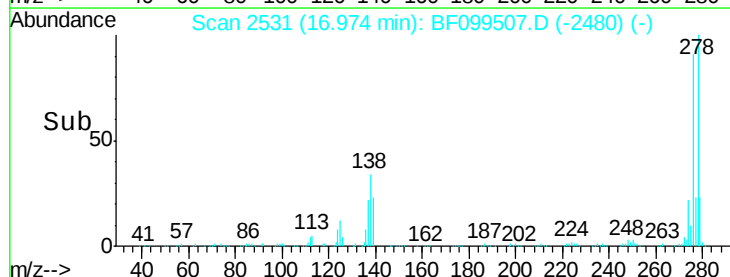
279 23.2 19.0 28.4

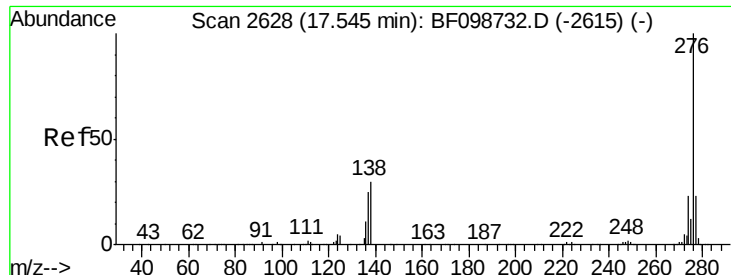


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

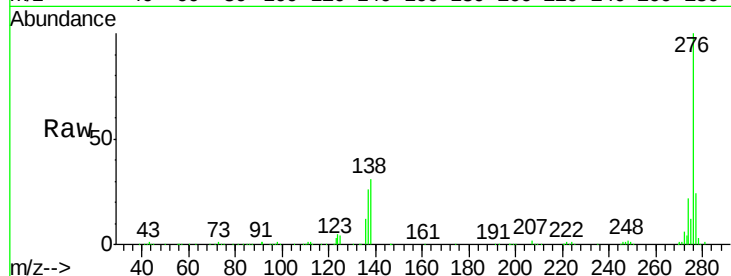




#91
 Benzo(a,h,i)perylene
 Concen: 57.38 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. 0.01 min
 Lab File: BF099507.D
 Acq: 15 Oct 2017 12:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	31.1	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

