

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099481.D
 Acq On : 14 Oct 2017 17:15
 Operator : SJ/JU
 Sample : PB103259BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 22:05:28 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	97087	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	403809	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	182473	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	317750	20.00	ng	0.00
75) Chrysene-d12	14.02	240	196839	20.00	ng	0.00
86) Perylene-d12	15.49	264	153912	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	675491	110.76	ng	0.02
7) Phenol-d6	6.49	99	811370	107.84	ng	0.00
23) Nitrobenzene-d5	7.42	82	488736	77.62	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	164840	110.40	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	927360	84.84	ng	0.00
78) Terphenyl-d14	12.96	244	771662	89.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	95055	32.628	ng	94
3) Pyridine	3.49	79	254980	32.353	ng	96
4) n-Nitrosodimethylamine	3.44	42	103359	30.927	ng	80
6) Aniline	6.52	93	245768	24.204	ng	98
8) 2-Chlorophenol	6.64	128	253483	36.701	ng	98
9) Benzaldehyde	6.41	77	79276	18.165	ng	91
10) Phenol	6.50	94	309608	36.796	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	235770	36.043	ng	96
12) 1,3-Dichlorobenzene	6.79	146	275071	38.029	ng	96
13) 1,4-Dichlorobenzene	6.87	146	276222	37.534	ng	98
14) 1,2-Dichlorobenzene	7.02	146	256087	37.660	ng	97
15) Benzyl Alcohol	7.00	79	190120	34.446	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	330262	32.406	ng	88
17) 2-Methylphenol	7.11	107	207845	36.779	ng	98
18) Hexachloroethane	7.36	117	97375	36.812	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	157018	32.688	ng	95
20) 3+4-Methylphenols	7.26	107	250715	35.069	ng	# 68
22) Acetophenone	7.26	105	329813	33.711	ng	# 97
24) Nitrobenzene	7.44	77	251329	35.186	ng	95
25) Isophorone	7.67	82	460228	35.352	ng	99
26) 2-Nitrophenol	7.75	139	139098	40.496	ng	93
27) 2,4-Dimethylphenol	7.79	122	224134	34.553	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	298394	36.780	ng	99
29) 2,4-Dichlorophenol	8.00	162	210994	37.885	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	215323	38.656	ng	97
31) Naphthalene	8.16	128	714095	37.653	ng	100
32) Benzoic acid	7.92	122	96665	18.142	ng	95
33) 4-Chloroaniline	8.21	127	130809	16.516	ng	96
34) Hexachlorobutadiene	8.27	225	106068	36.970	ng	99
35) Caprolactam	8.58	113	44070	24.669	ng	94
36) 4-Chloro-3-methylphenol	8.70	107	218138	34.847	ng	94
37) 2-Methylnaphthalene	8.85	142	494149	40.080	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	197144	36.227	ng	99
40) Hexachlorocyclopentadiene	9.00	237	120947	48.633	ng	98

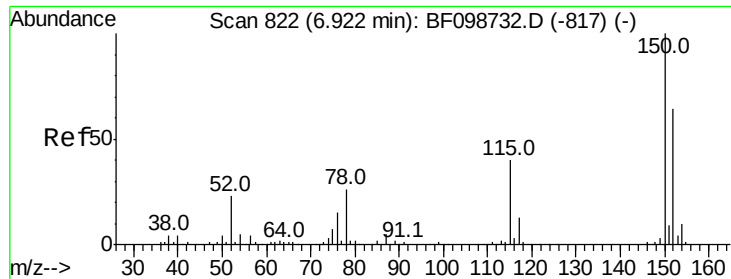
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099481.D
 Acq On : 14 Oct 2017 17:15
 Operator : SJ/JU
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 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	131799	34.187	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	135261	35.147	nq	95
45) 1,1'-Biphenyl	9.31	154	574979	36.664	nq	98
46) 2-Chloronaphthalene	9.34	162	450901	38.294	nq	97
47) 2-Nitroaniline	9.44	65	126354	35.046	nq	94
48) Acenaphthylene	9.76	152	677089	37.564	nq	100
49) Dimethylphthalate	9.61	163	518511	37.649	nq	99
50) 2,6-Dinitrotoluene	9.68	165	115347	38.471	nq	87
51) Acenaphthene	9.93	154	401030	35.122	nq	99
52) 3-Nitroaniline	9.85	138	82887	23.709	nq	95
53) 2,4-Dinitrophenol	9.97	184	61223	42.191	nq	89
54) Dibenzofuran	10.10	168	597217	39.284	nq	99
55) 4-Nitrophenol	10.02	139	128750	43.554	nq	90
56) 2,4-Dinitrotoluene	10.09	165	148682	38.210	nq	# 96
57) Fluorene	10.44	166	475780	38.937	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	102448	38.536	nq	98
59) Diethylphthalate	10.31	149	499520	37.119	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	211300	38.496	nq	98
61) 4-Nitroaniline	10.47	138	125708	37.271	nq	91
62) Azobenzene	10.59	77	472952	38.223	nq	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	56660	29.308	nq	89
65) n-Nitrosodiphenylamine	10.55	169	420649	38.214	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	123683	39.766	nq	# 89
67) Hexachlorobenzene	10.99	284	125134	37.670	nq	99
68) Atrazine	11.07	200	132293	39.945	nq	99
69) Pentachlorophenol	11.19	266	88894	42.998	nq	98
70) Phenanthrene	11.40	178	676102	39.751	nq	98
71) Anthracene	11.46	178	693394	39.844	nq	99
72) Carbazole	11.62	167	634942	37.258	nq	99
73) Di-n-butylphthalate	11.93	149	777896	37.922	nq	98
74) Fluoranthene	12.59	202	667899	38.780	nq	99
76) Benzidine	12.72	184	230860	31.710	nq	98
77) Pyrene	12.82	202	674171	44.916	nq	100
79) Butylbenzylphthalate	13.43	149	297548	42.180	nq	97
80) Benzo(a)anthracene	14.01	228	472974	39.682	nq	100
81) 3,3'-Dichlorobenzidine	13.97	252	97242	22.255	nq	97
82) Chrysene	14.05	228	452588	39.884	nq	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	380476	39.171	nq	# 98
84) Di-n-octyl phthalate	14.59	149	536128	34.278	nq	95
85) Indeno(1,2,3-cd)pyrene	16.99	276	395525	43.573	nq	96
87) Benzo(b)fluoranthene	15.06	252	360564	38.102	nq	98
88) Benzo(k)fluoranthene	15.09	252	366847	39.249	nq	99
89) Benzo(a)pyrene	15.43	252	346424	39.881	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	328685	47.281	nq	98
91) Benzo(g,h,i)perylene	17.43	276	346079	50.363	nq	98

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

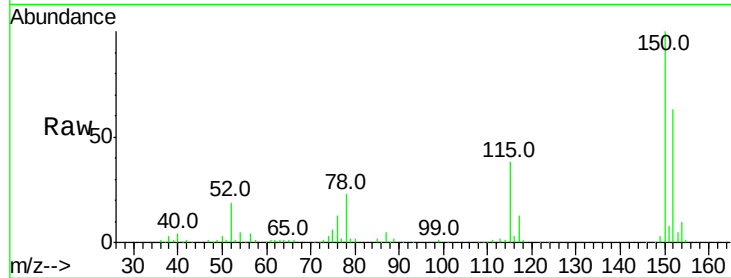


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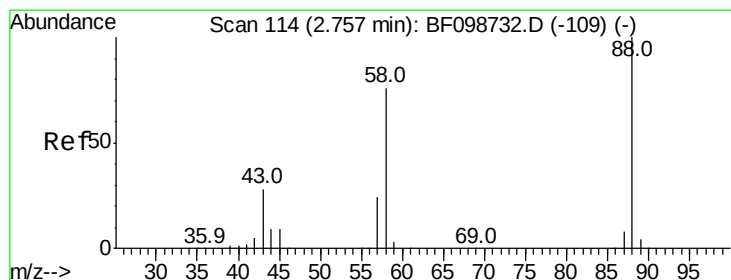
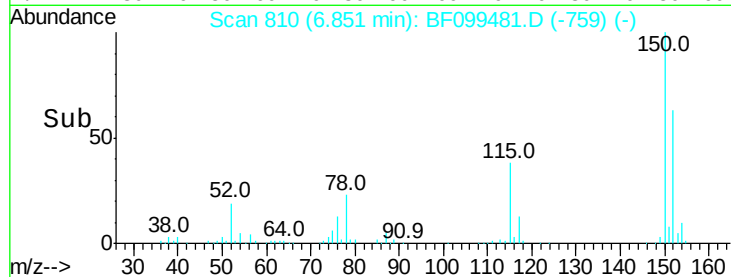
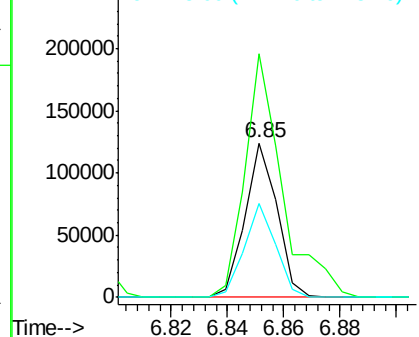
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97087
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 60.7 50.1 75.1



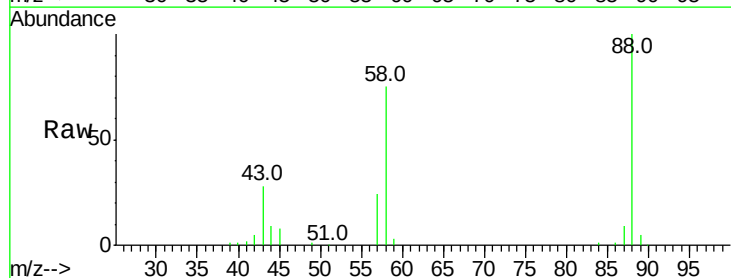
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



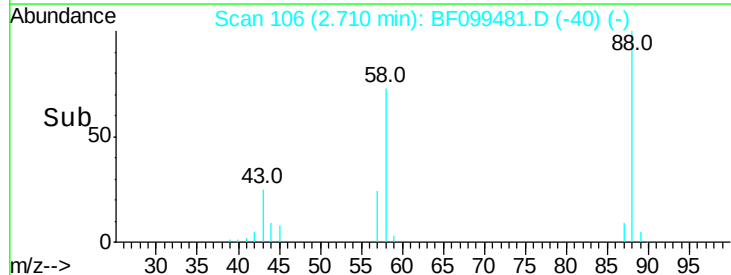
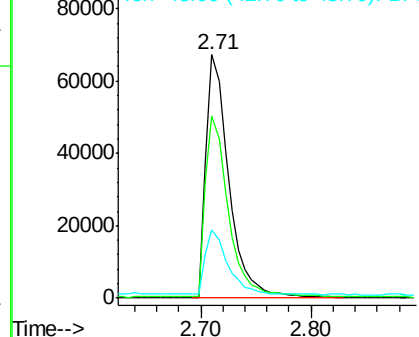
#2

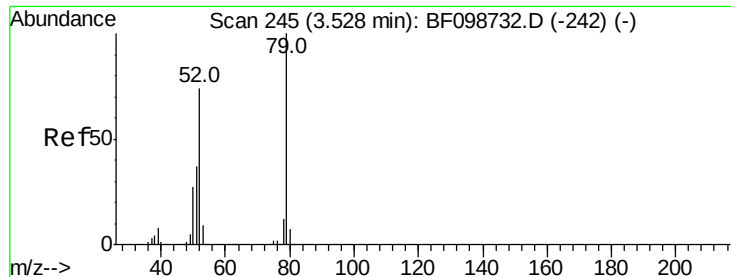
1,4-Dioxane
Concen: 32.628 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.09 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion: 88 Resp: 95055
Ion Ratio Lower Upper
88 100
58 74.6 62.6 93.8
43 25.1 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

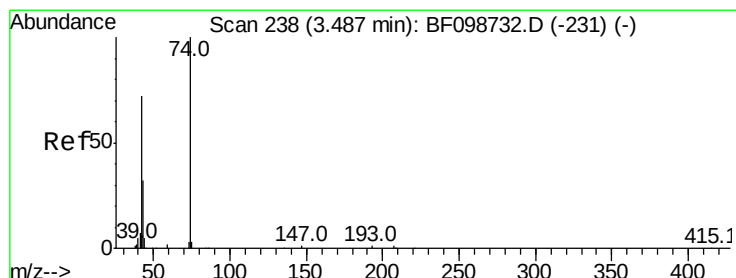
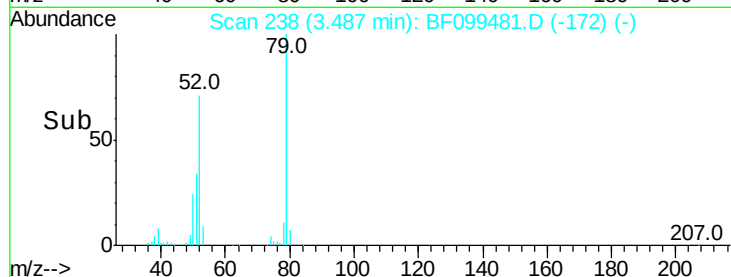
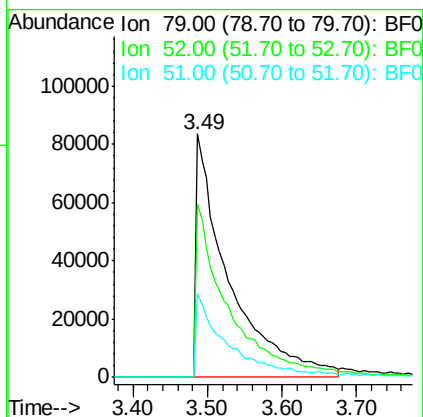
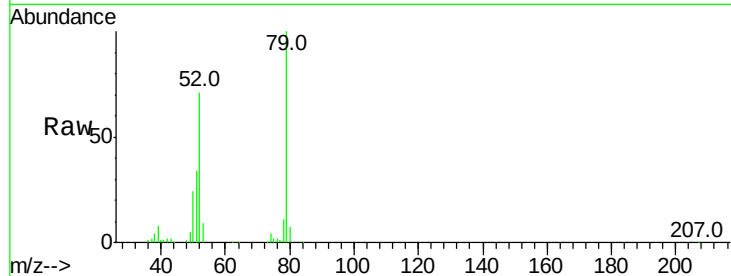




#3
 Pvridine
 Concen: 32.353 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.09 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

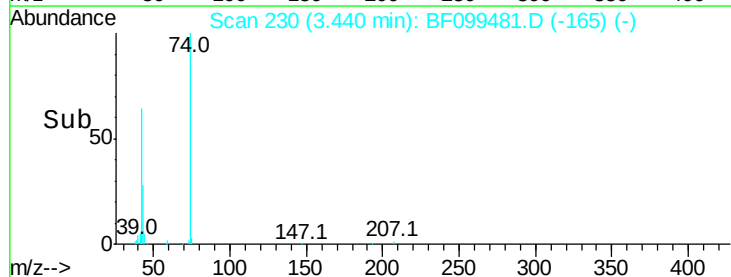
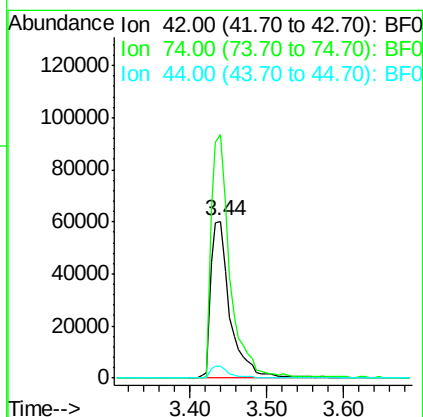
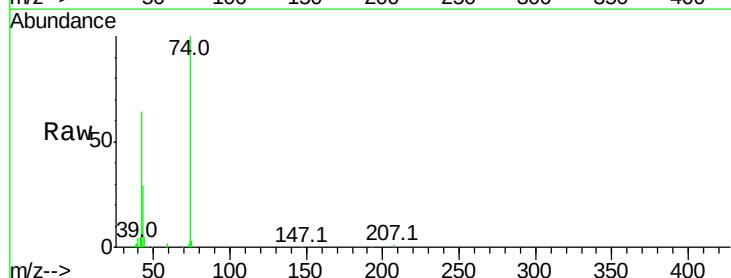
Instrument :
 BNA_F
 ClientSampleId :

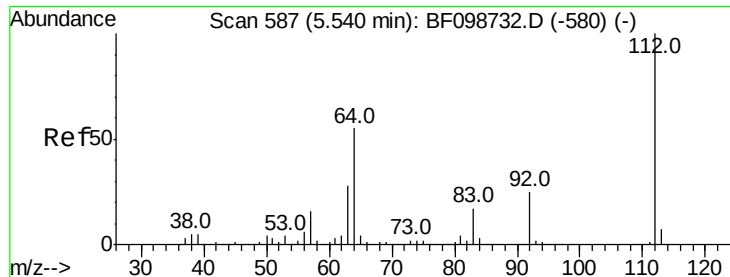
Tot Ion: 79 Resp: 254980
 Ion Ratio Lower Upper
 79 100
 52 71.3 59.8 89.6
 51 34.4 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 30.927 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.08 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion: 42 Resp: 103359
 Ion Ratio Lower Upper
 42 100
 74 155.5 104.9 157.3
 44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 110.758 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampled :

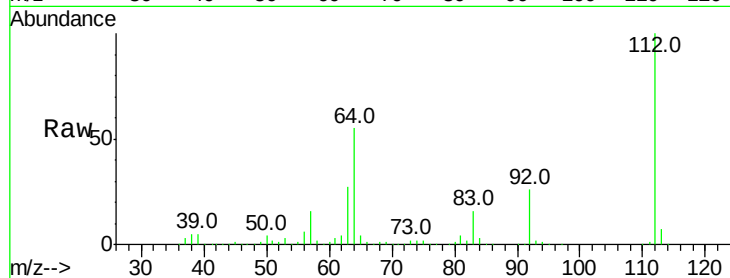
Tot Ion:112 Resp: 675491

Ion Ratio Lower Upper

112 100

64 55.1 47.9 71.9

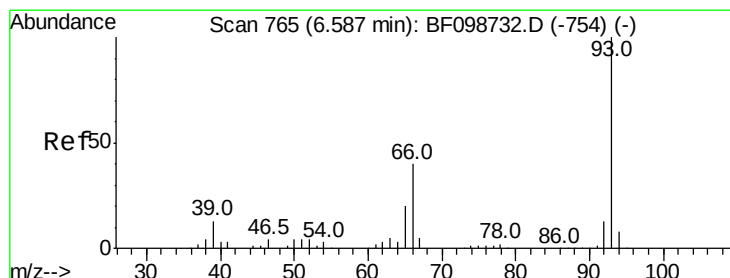
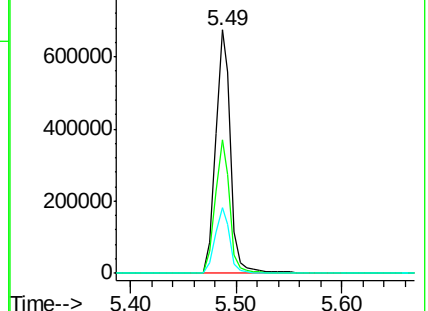
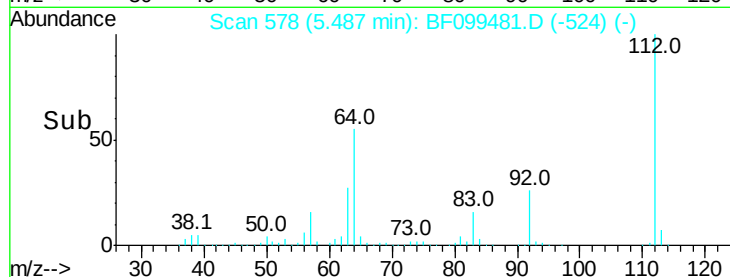
63 27.2 23.7 35.5



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: 24.204 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

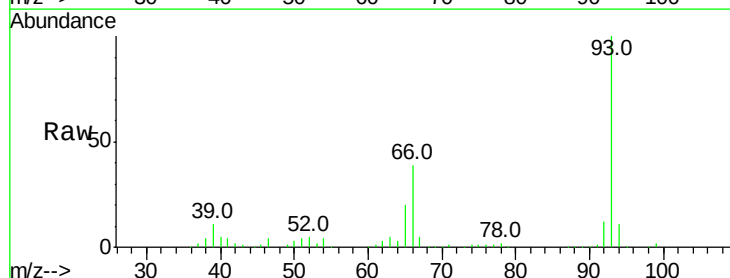
Tgt Ion: 93 Resp: 245768

Ion Ratio Lower Upper

93 100

66 39.1 32.2 48.2

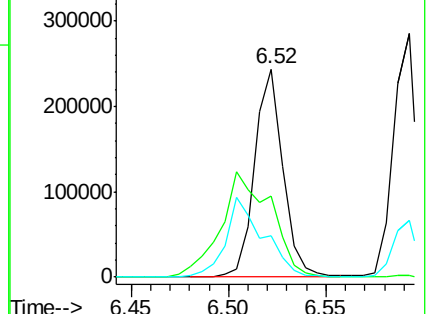
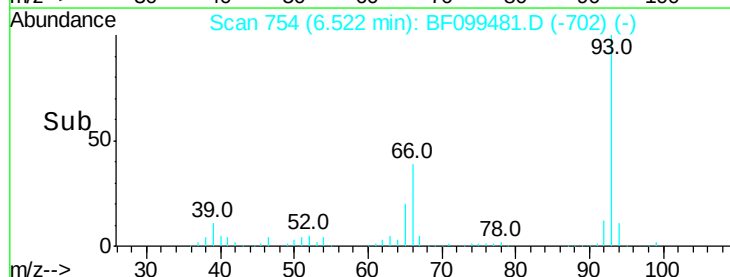
65 19.7 16.4 24.6

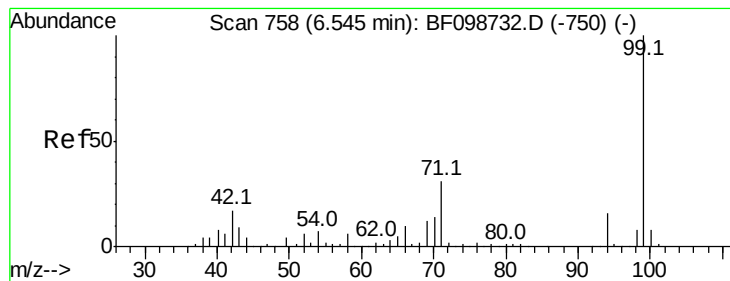


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.844 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampled :

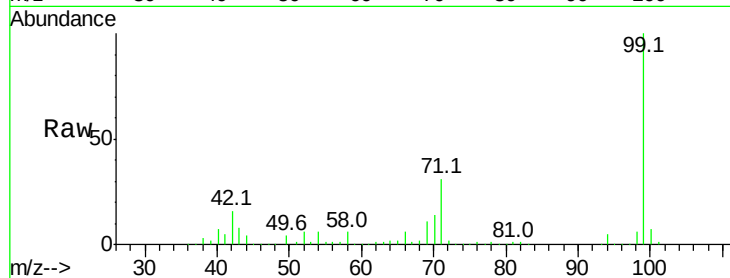
Tot Ion: 99 Resp: 811370

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

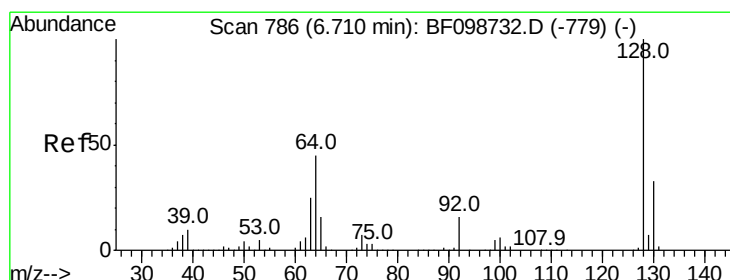
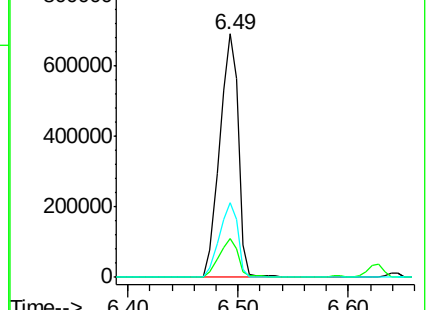
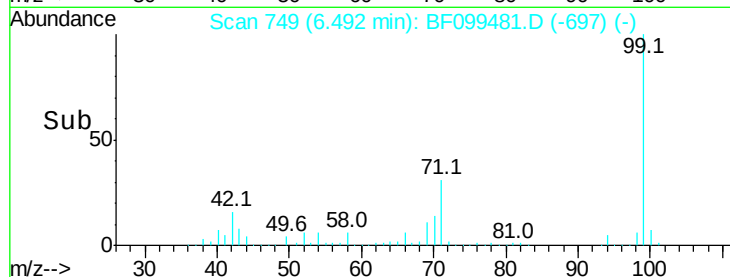
71 30.6 25.4 38.0



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: 36.701 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

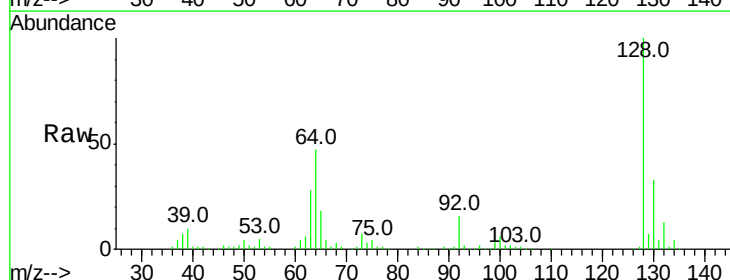
Tgt Ion: 128 Resp: 253483

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

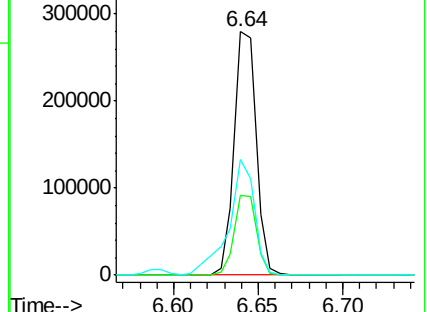
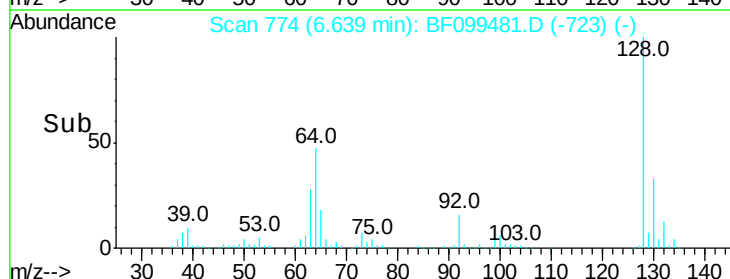
64 47.3 29.4 69.4

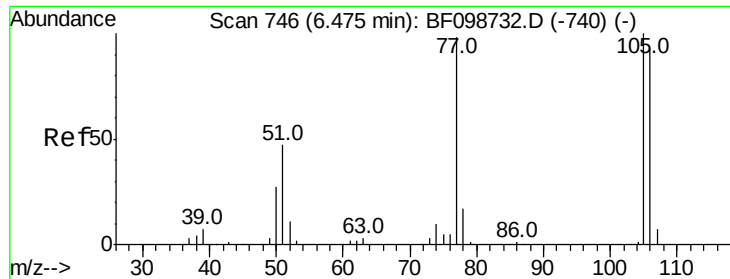


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

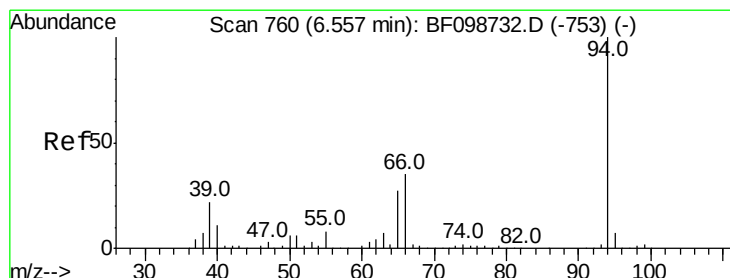
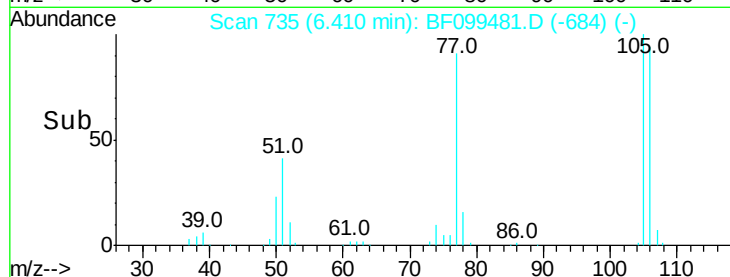
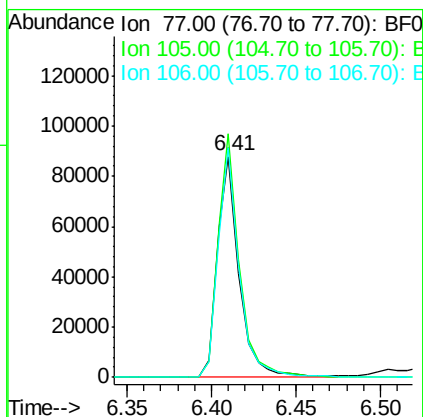
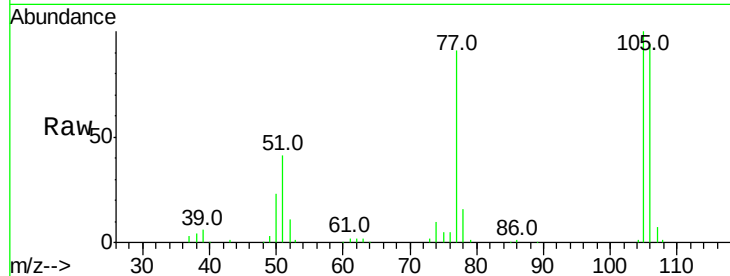




#9
Benzaldehyde
Concen: 18.165 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

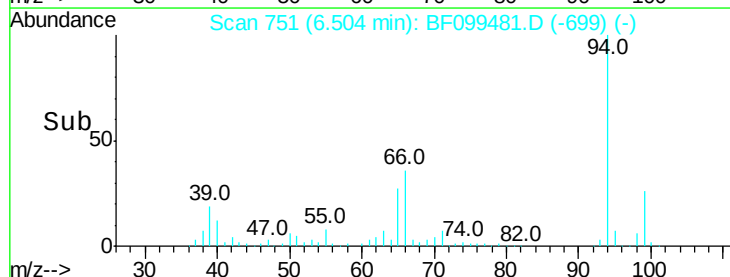
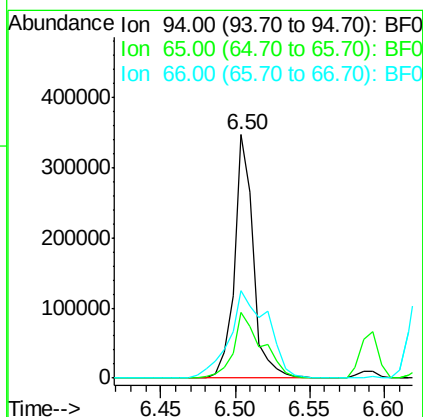
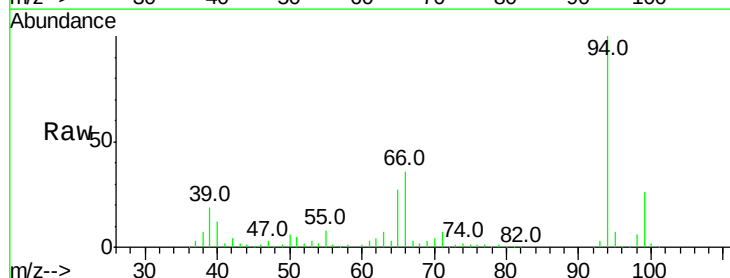
Instrument :
BNA_F
ClientSampleId :

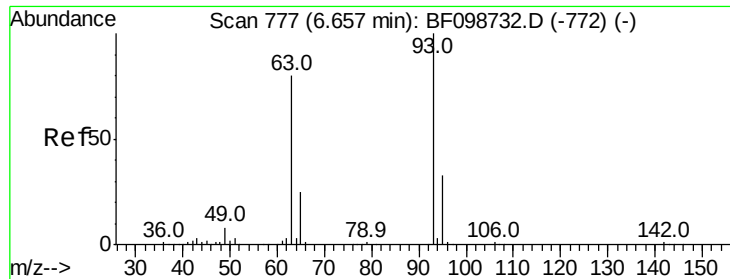
Tot Ion: 77 Resp: 79276
Ion Ratio Lower Upper
77 100
105 110.2 81.1 121.1
106 103.9 74.5 114.5



#10
Phenol
Concen: 36.796 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion: 94 Resp: 309608
Ion Ratio Lower Upper
94 100
65 26.9 7.9 47.9
66 35.7 16.2 56.2

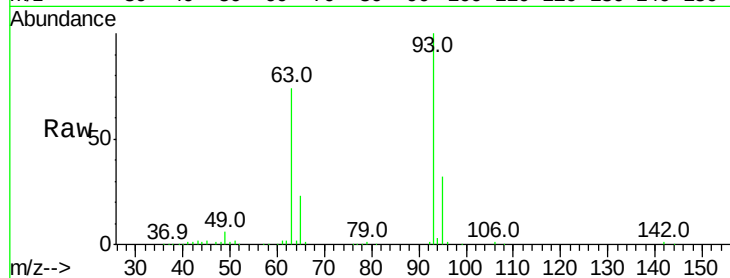




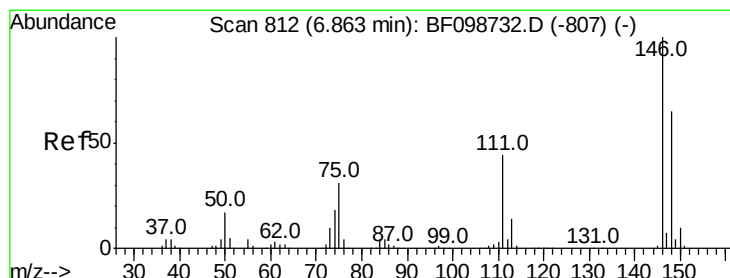
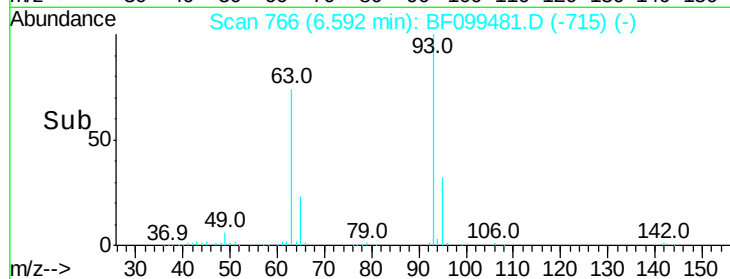
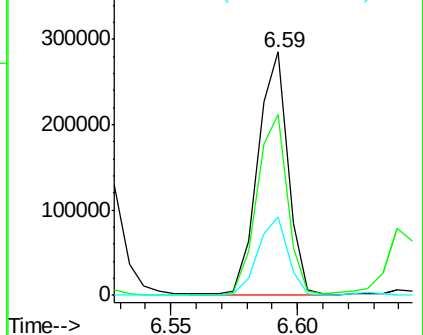
#11
bis(2-Chloroethyl)ether
Concen: 36.043 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 235770
Ion Ratio Lower Upper
93 100
63 74.1 58.6 98.6
95 32.2 11.8 51.8

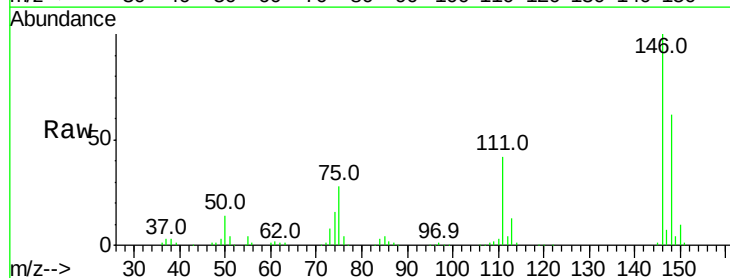


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

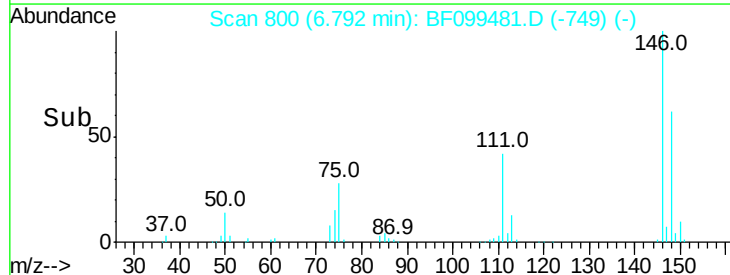
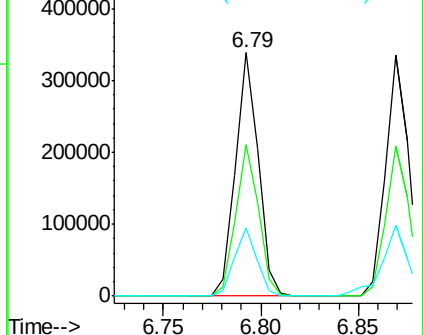


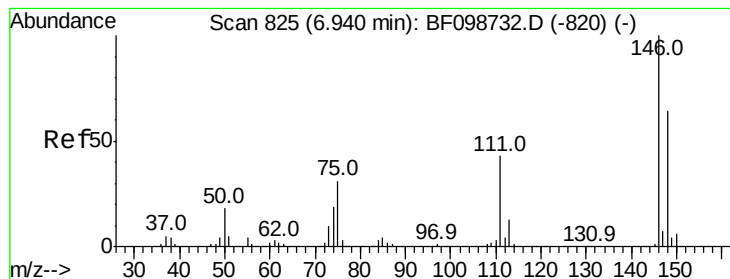
#12
1,3-Dichlorobenzene
Concen: 38.029 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion: 146 Resp: 275071
Ion Ratio Lower Upper
146 100
148 62.1 51.8 77.8
75 27.8 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 37.534 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampled :

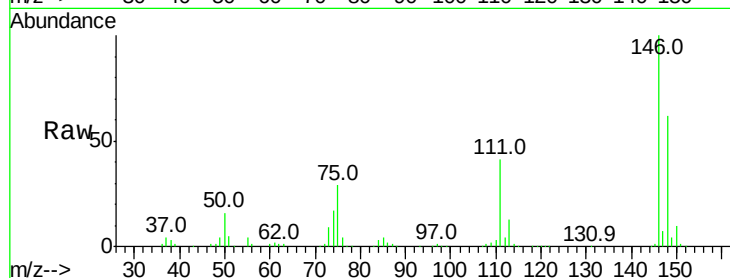
Tot Ion:146 Resp: 276222

Ion Ratio Lower Upper

146 100

148 62.4 50.8 76.2

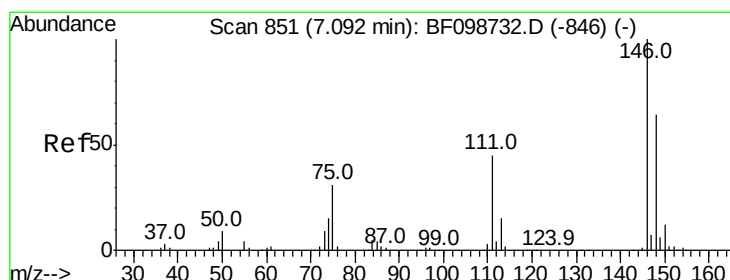
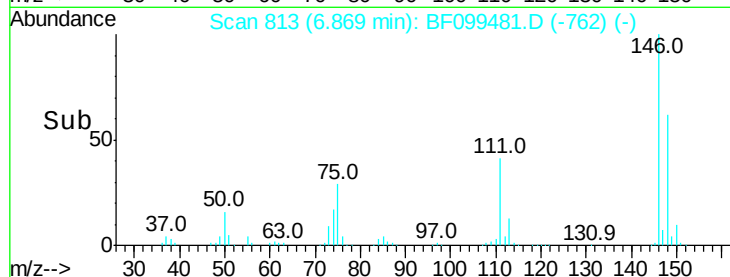
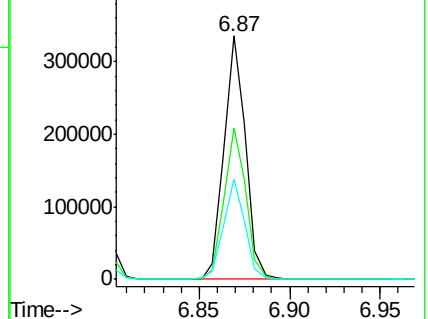
111 41.1 34.2 51.2



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: 37.660 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

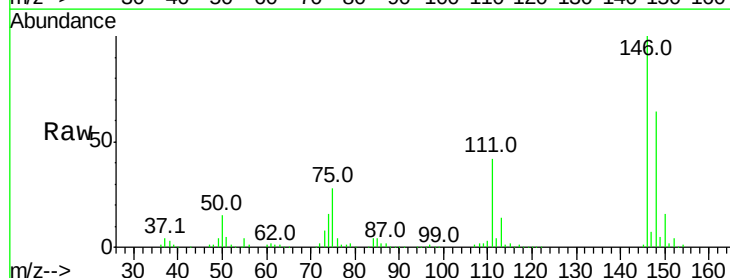
Tgt Ion:146 Resp: 256087

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

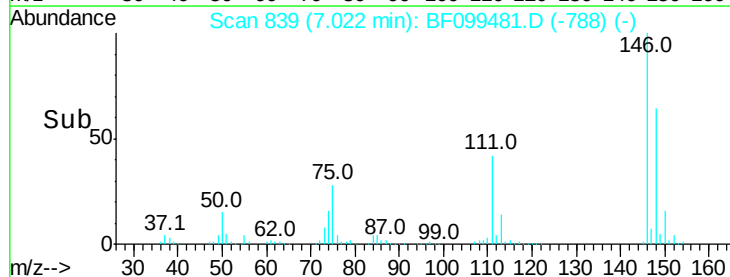
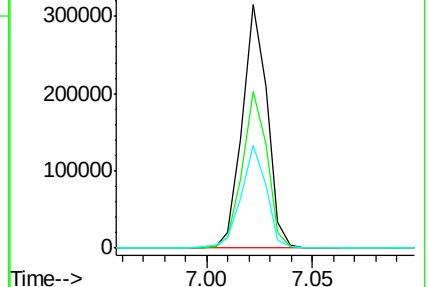
111 42.1 36.0 54.0

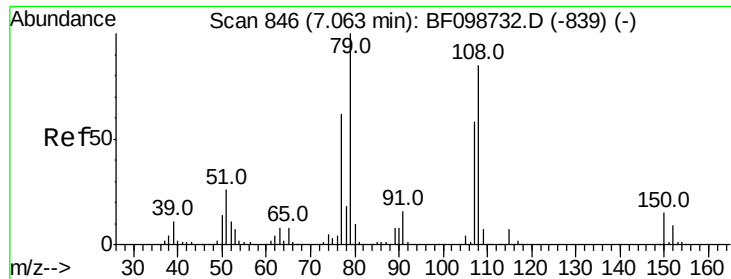


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.446 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :

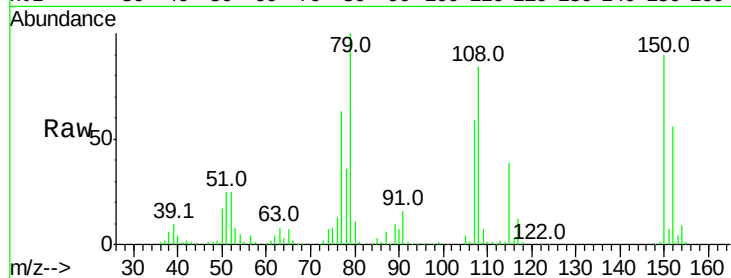
Tot Ion: 79 Resp: 190120

Ion Ratio Lower Upper

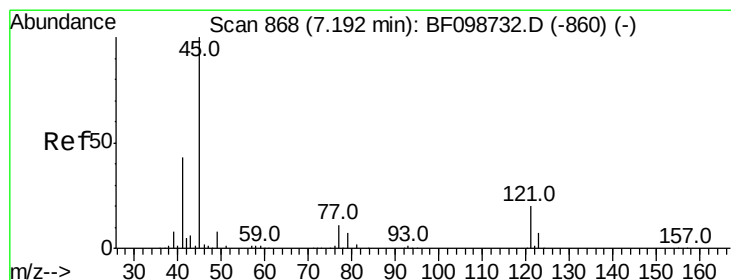
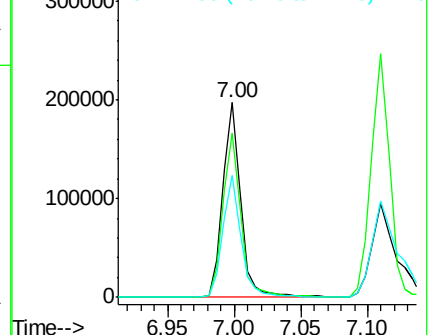
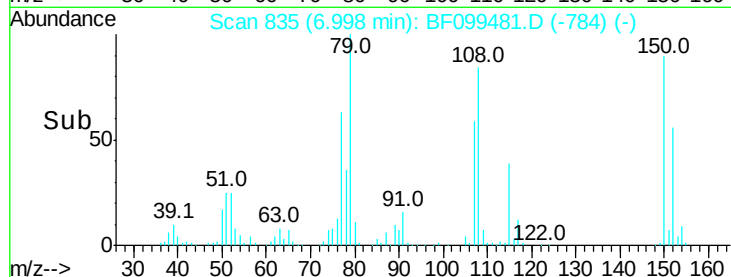
79 100

108 84.1 65.1 97.7

77 62.5 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: 32.406 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

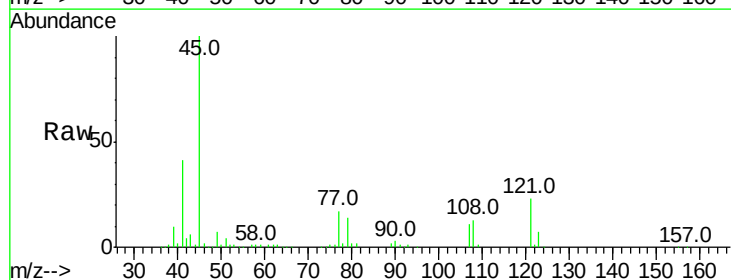
Tgt Ion: 45 Resp: 330262

Ion Ratio Lower Upper

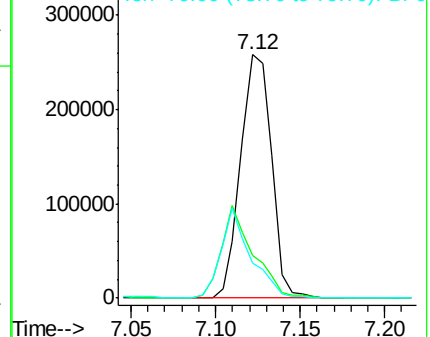
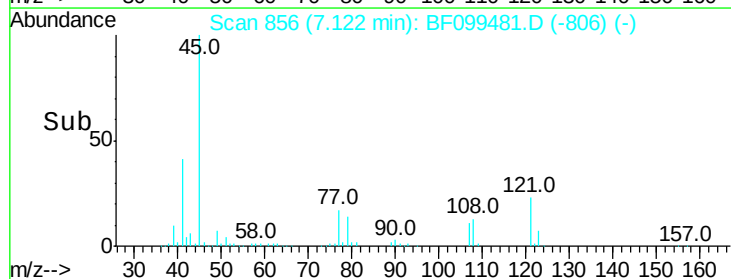
45 100

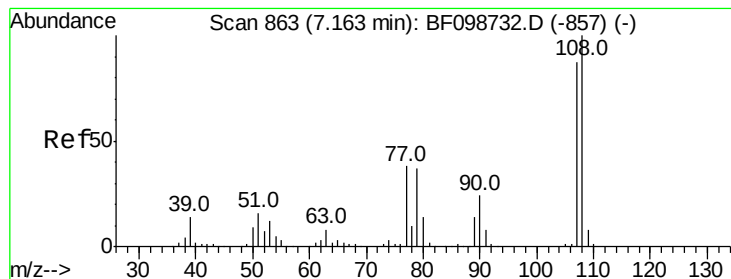
77 17.4 0.0 32.9

79 14.2 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: 36.779 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 207845

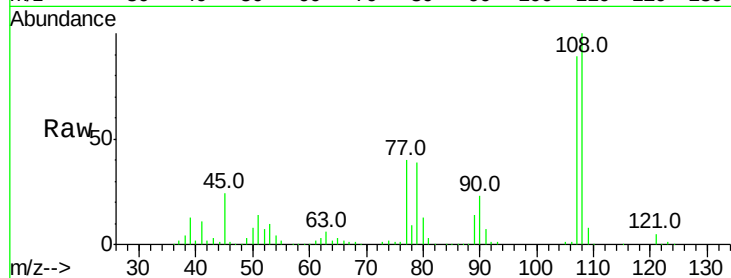
Ion Ratio Lower Upper

107 100

108 111.7 91.7 137.5

77 44.3 33.8 50.8

79 43.0 33.8 50.8

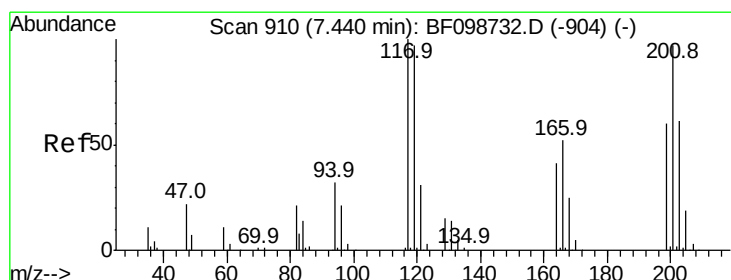
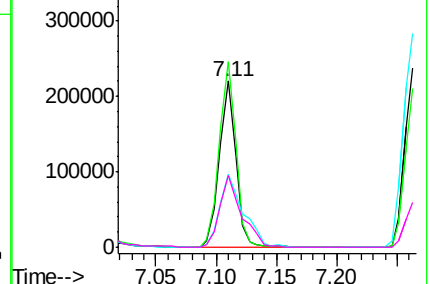
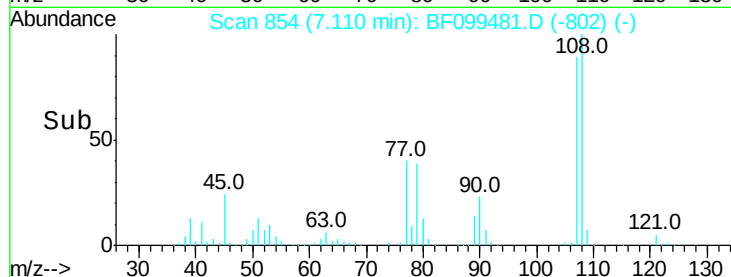


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.812 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

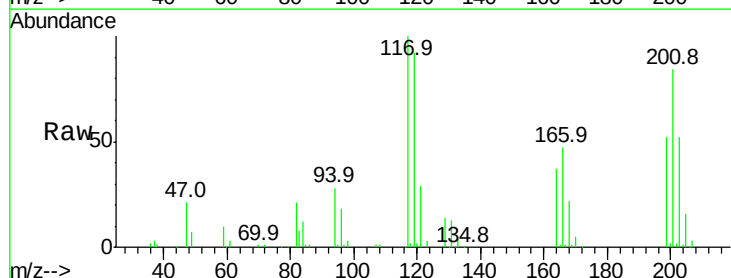
Tgt Ion:117 Resp: 97375

Ion Ratio Lower Upper

117 100

119 91.9 75.8 113.8

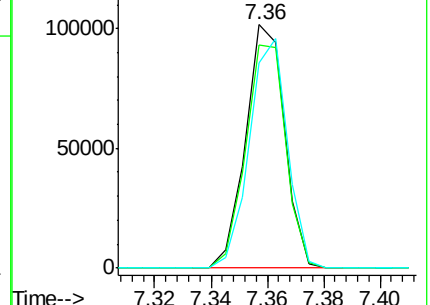
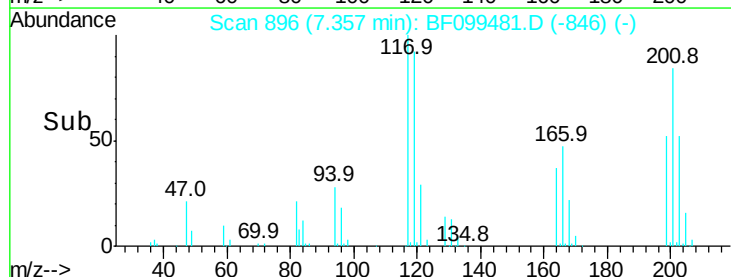
201 84.0 75.7 113.5

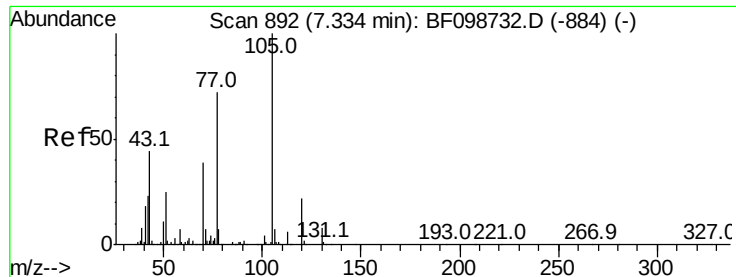


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

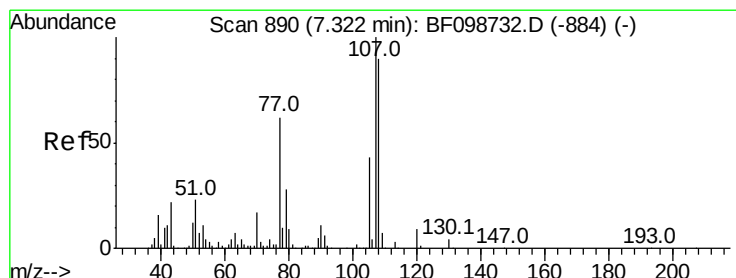
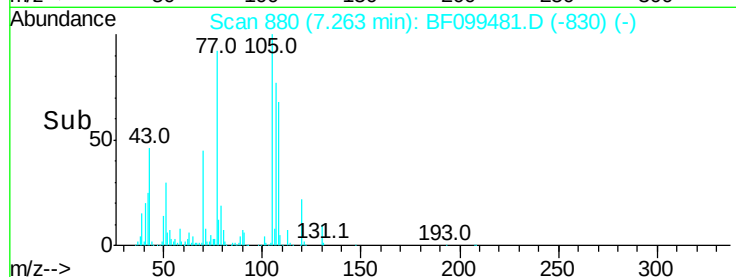
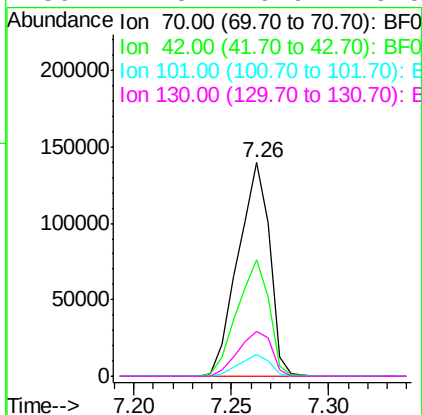
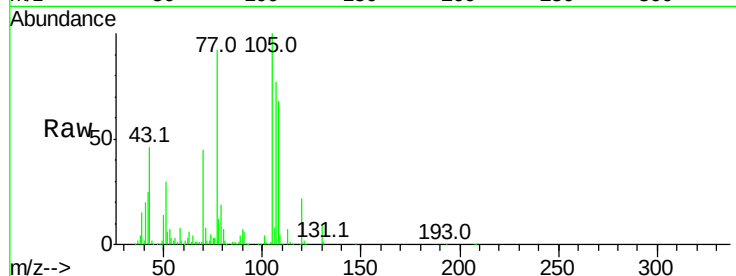




#19
n-Nitroso-di-n-propylamine
Concen: 32.688 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

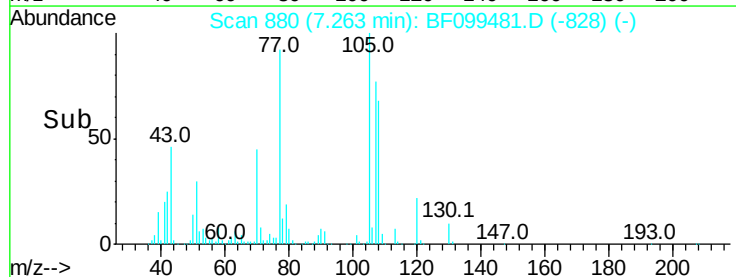
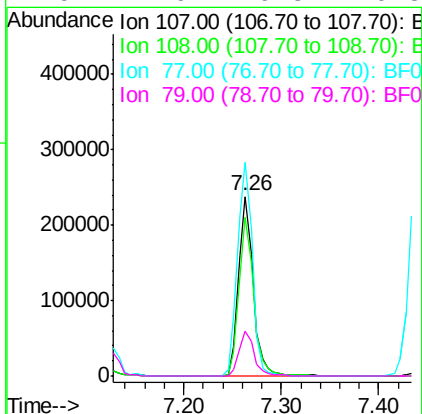
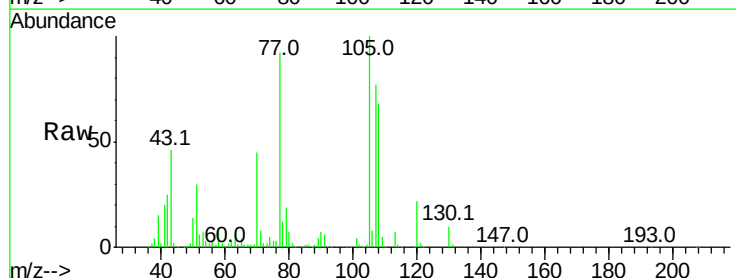
Instrument :
BNA_F
ClientSampleId :

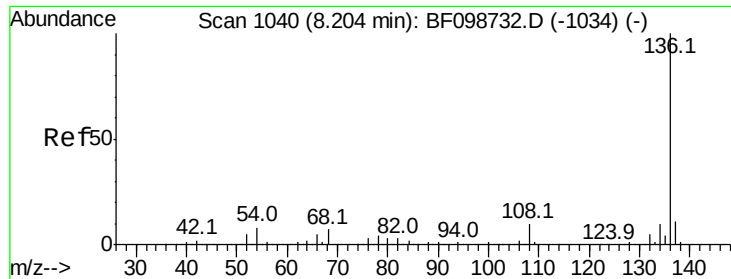
Tot Ion:	70	Resp:	157018
Ion	Ratio	Lower	Upper
70	100		
42	54.5	47.5	71.3
101	9.9	7.4	11.2
130	21.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.069 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion:	107	Resp:	250715
Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.2	108.2
77	119.2	26.7	66.7#
79	24.9	6.3	46.3

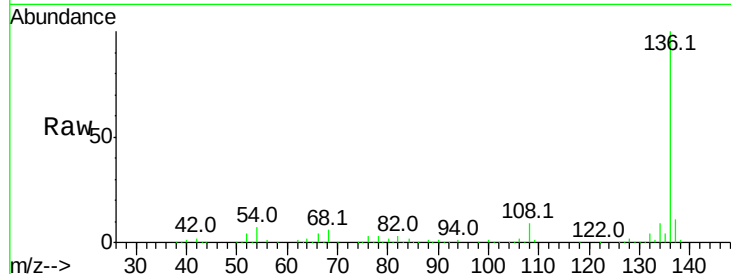




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	403809
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	6.6	9.8
68	6.1	5.0	7.4



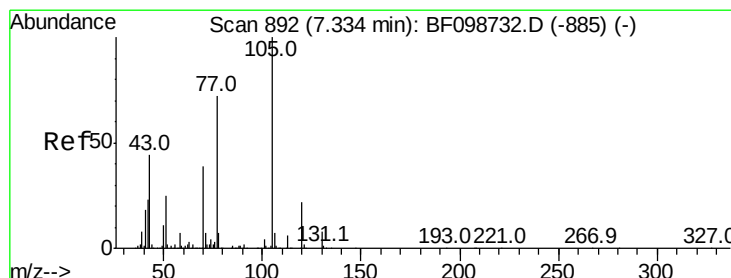
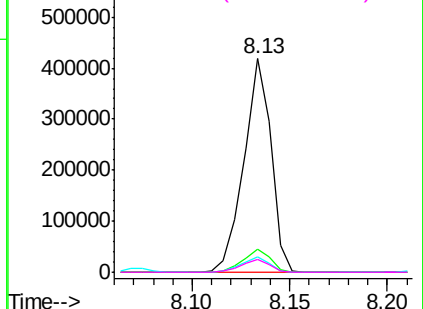
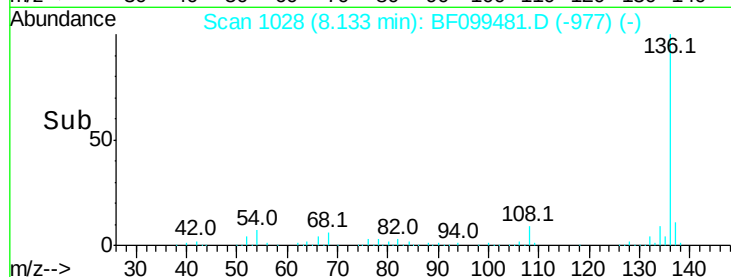
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

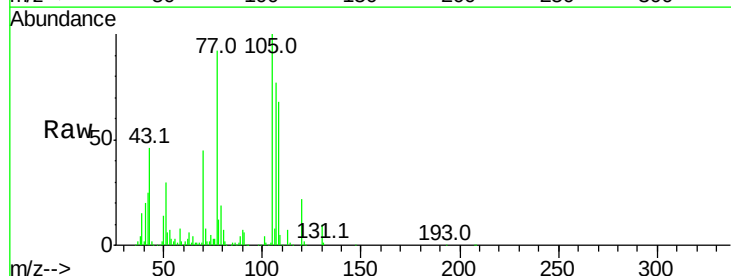
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 33.711 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion:	105	Resp:	329813
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.4	6.6#
51	30.4	22.3	33.5
120	21.6	16.9	25.3



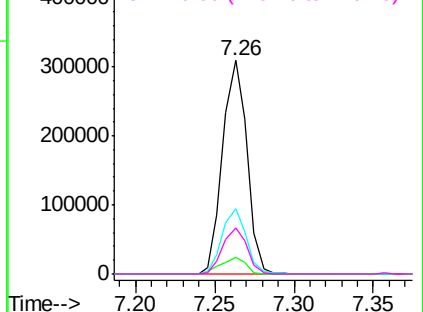
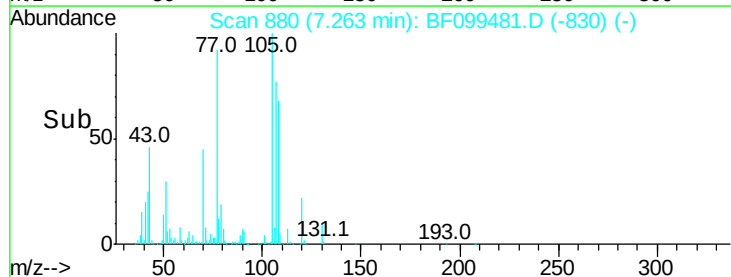
Abundance

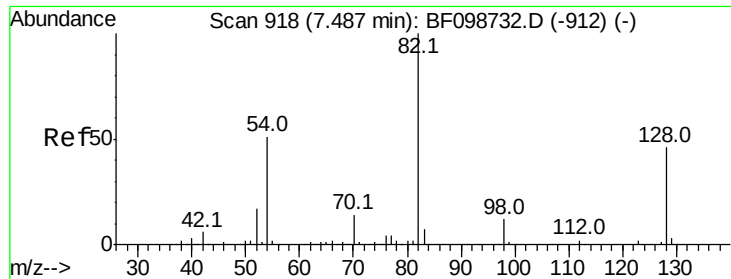
Ion 105.00 (104.70 to 105.70): E

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

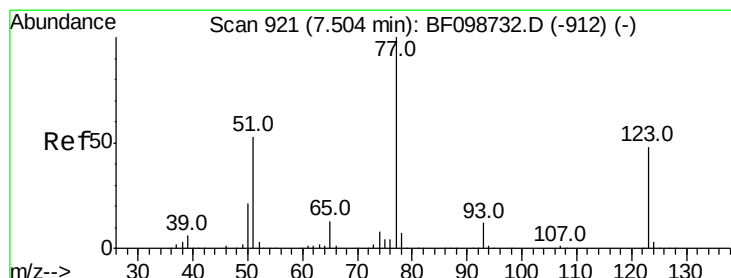
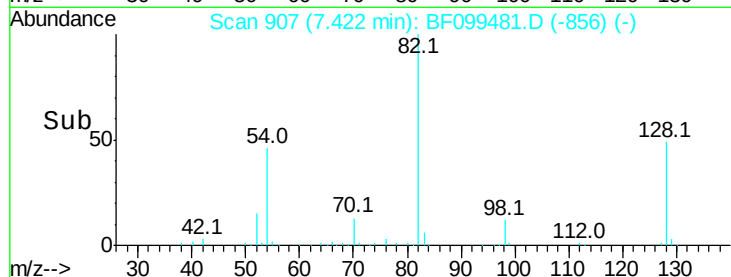
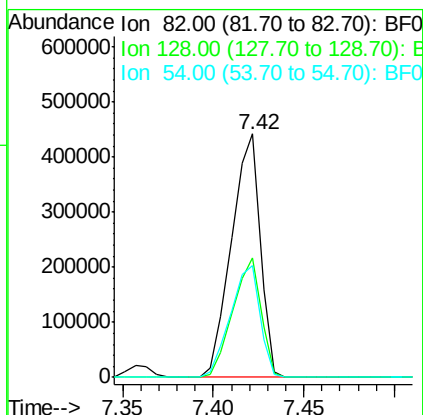
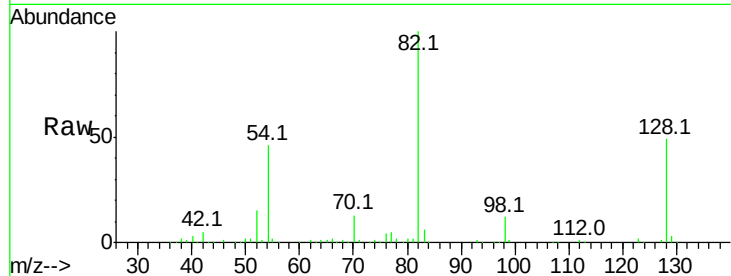




#23
 Nitrobenzene-d5
 Concen: 77.618 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

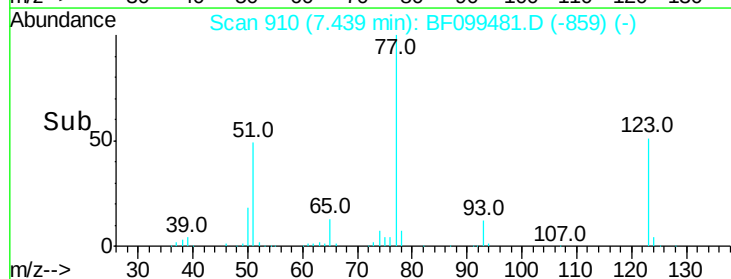
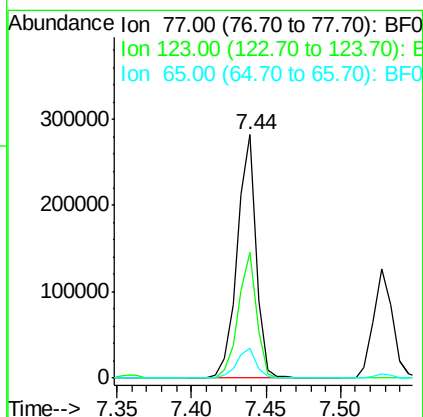
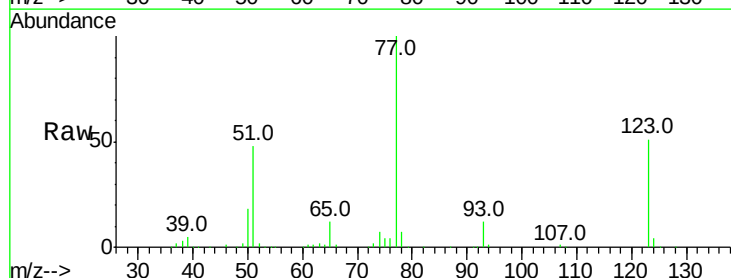
Instrument :
 BNA_F
 ClientSampled :

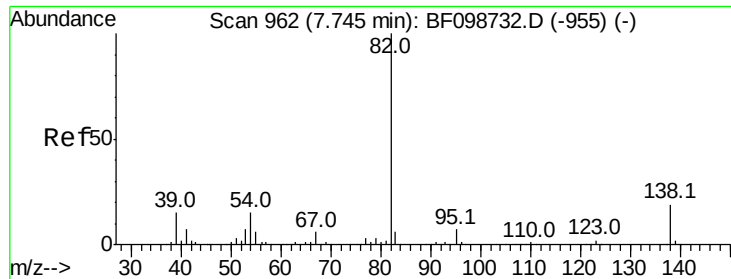
Tot Ion: 82 Resp: 488736
 Ion Ratio Lower Upper
 82 100
 128 48.8 36.1 54.1
 54 46.0 41.4 62.2



#24
 Nitrobenzene
 Concen: 35.186 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion: 77 Resp: 251329
 Ion Ratio Lower Upper
 77 100
 123 51.5 37.9 56.9
 65 12.5 11.0 16.4





#25

Isophorone

Concen: 35.352 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

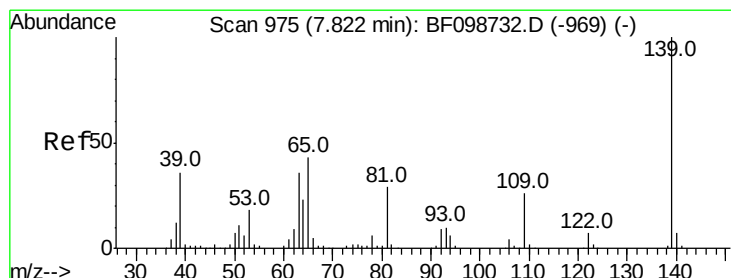
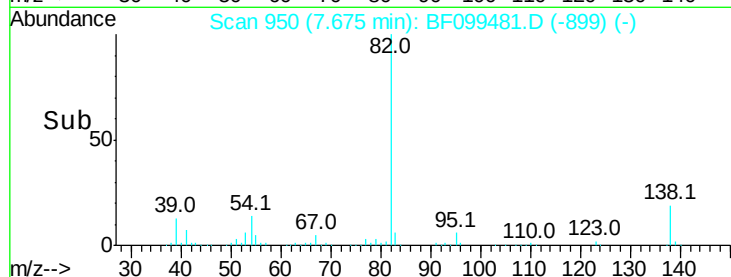
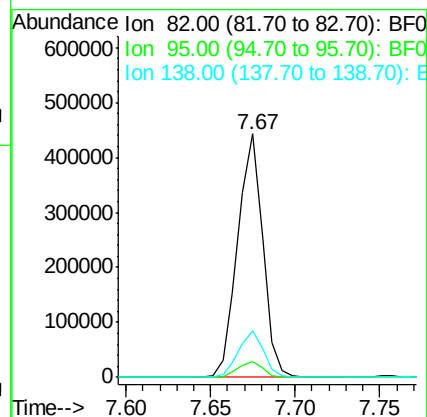
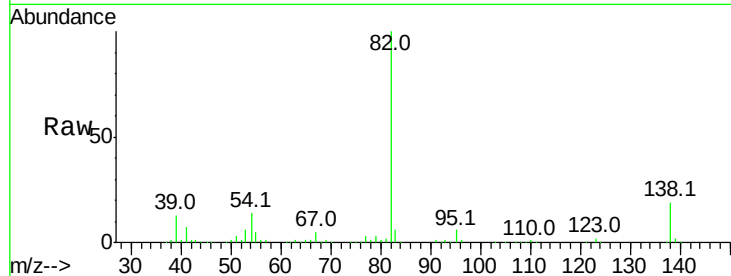
Tot Ion: 82 Resp: 460228

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 40.496 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

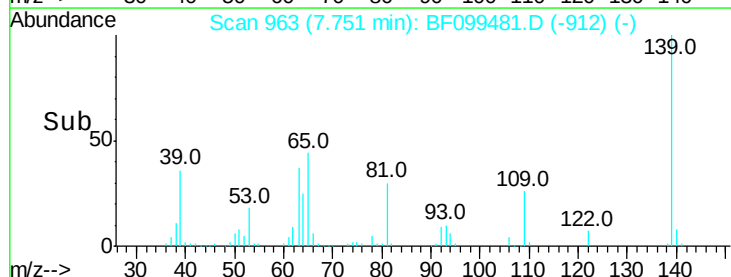
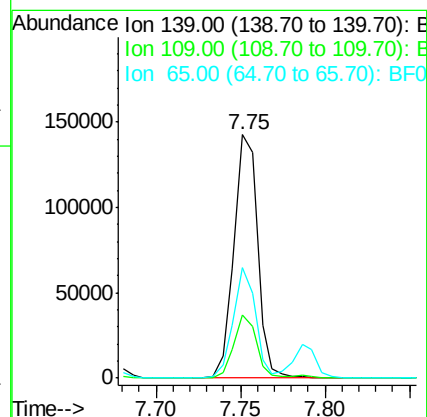
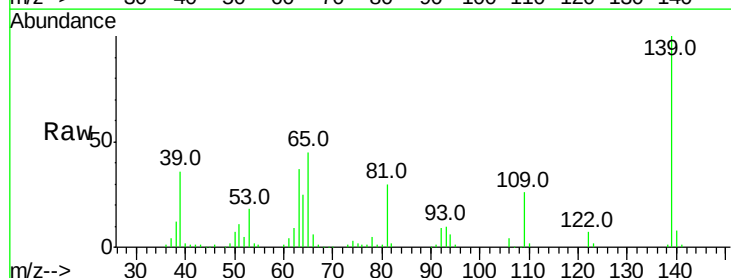
Tgt Ion: 139 Resp: 139098

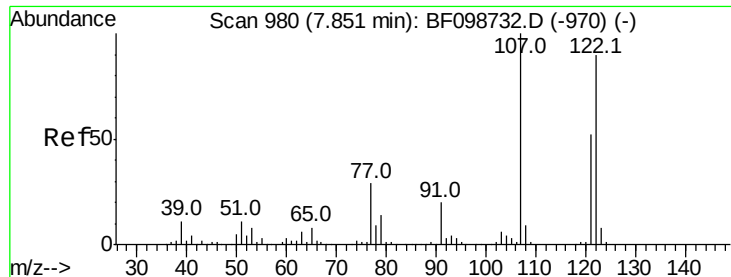
Ion Ratio Lower Upper

139 100

109 25.8 22.7 34.1

65 45.2 40.5 60.7

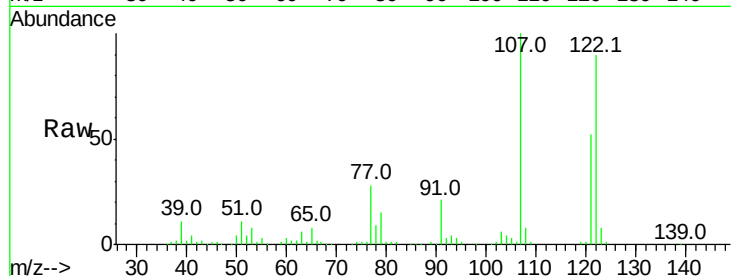




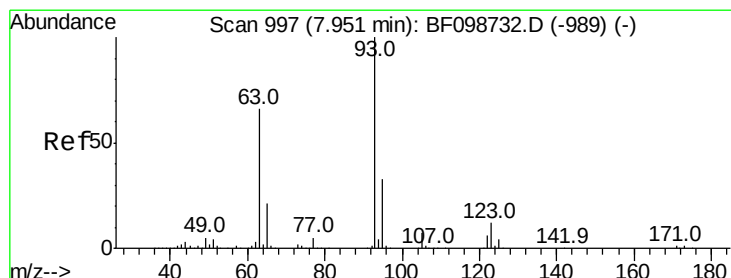
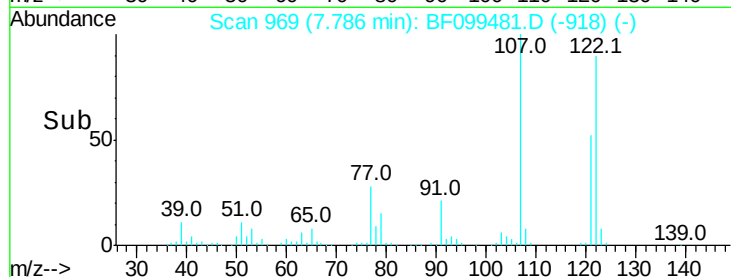
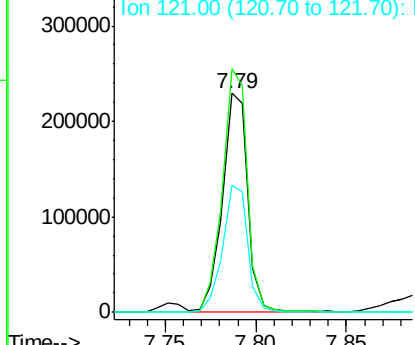
#27
 2,4-Dimethylphenol
 Concen: 34.553 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 224134
 Ion Ratio Lower Upper
 122 100
 107 111.2 91.2 136.8
 121 57.8 47.2 70.8

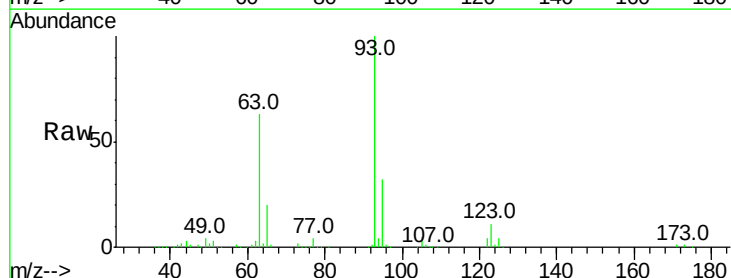


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

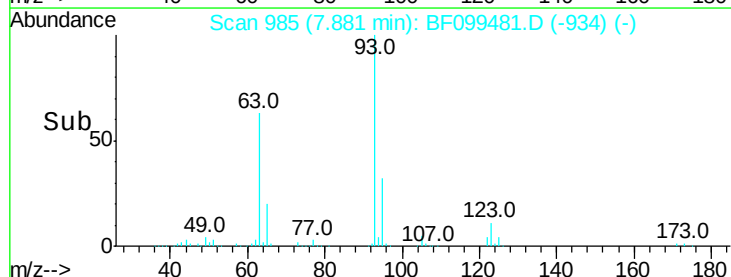
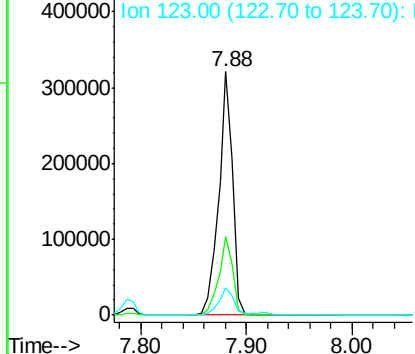


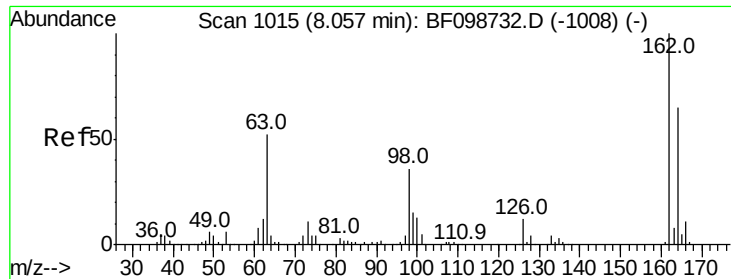
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.780 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion: 93 Resp: 298394
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 11.4 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

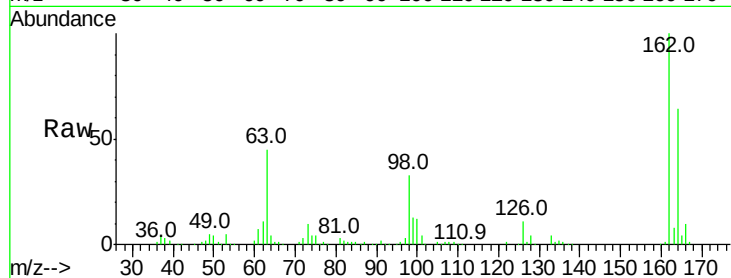




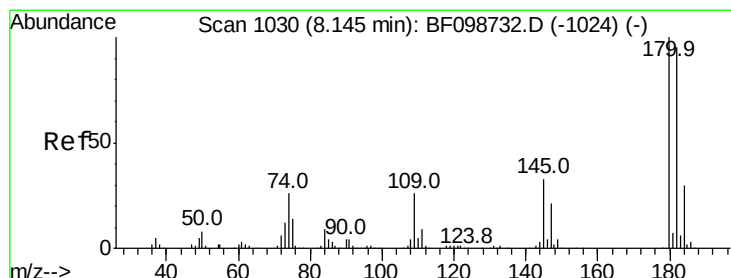
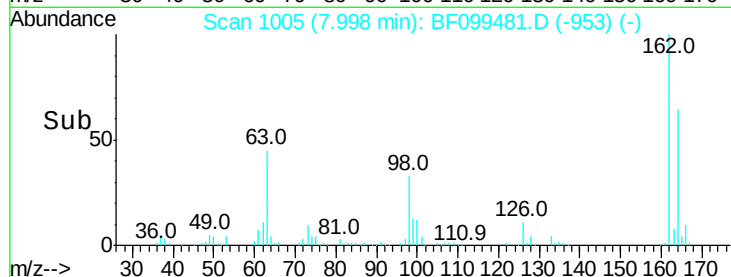
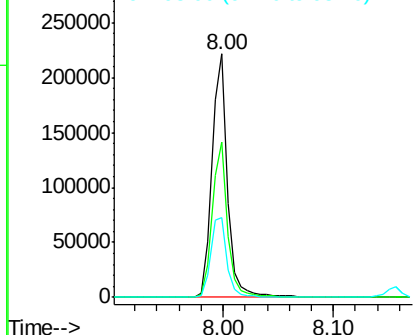
#29
 2,4-Dichlorophenol
 Concen: 37.885 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.7	82.7
98	32.8	18.1	58.1

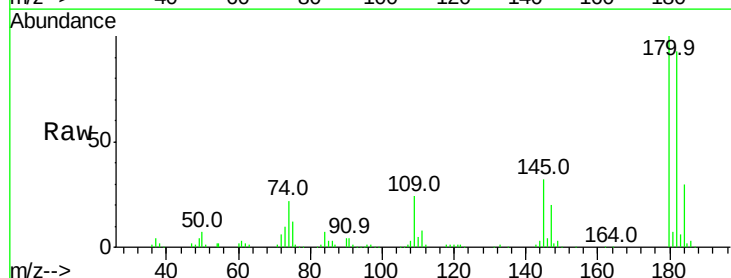


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

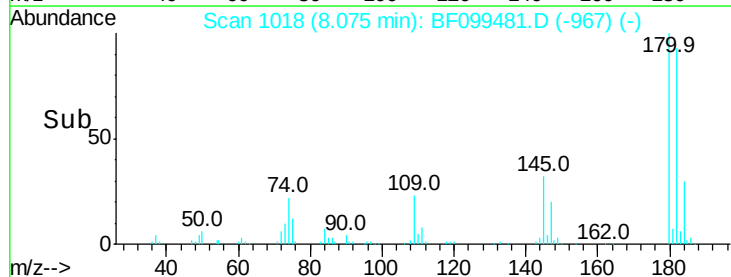
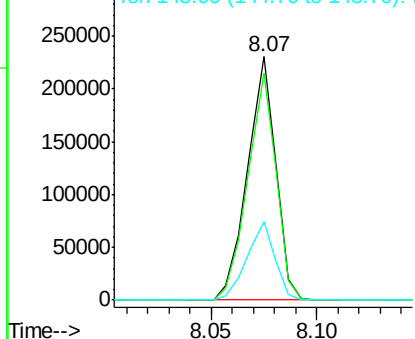


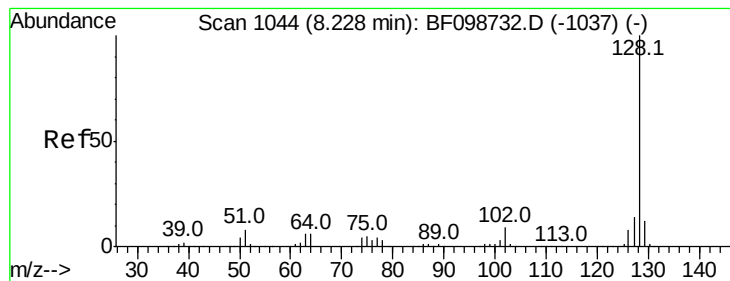
#30
 1,2,4-Trichlorobenzene
 Concen: 38.656 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.8	115.2
145	32.0	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: 37.653 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

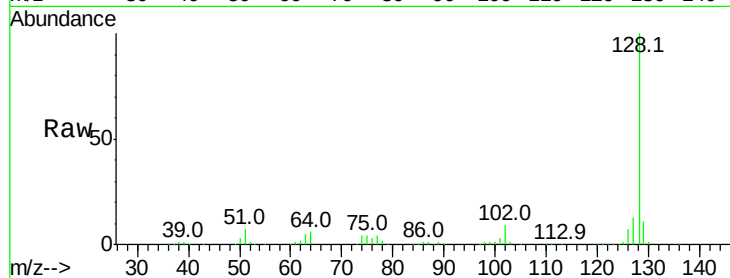
Tot Ion:128 Resp: 714095

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

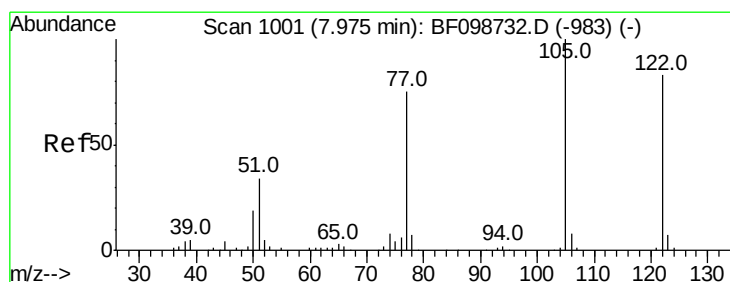
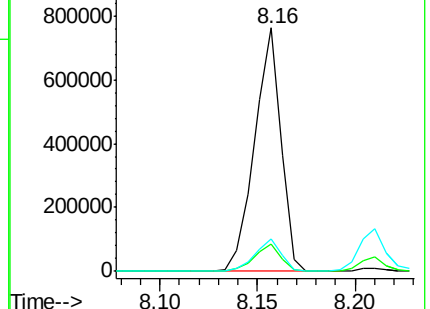
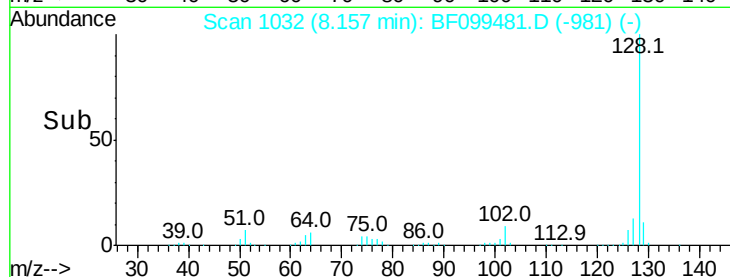
127 13.5 10.9 16.3



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: 18.142 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

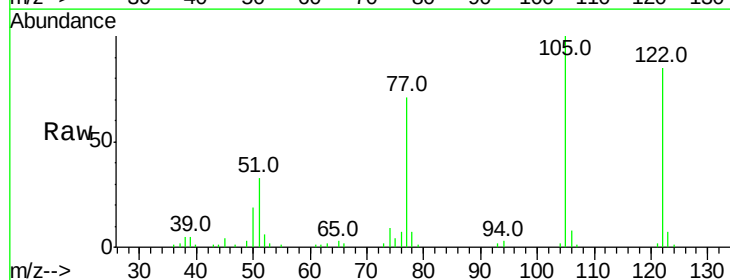
Tgt Ion:122 Resp: 96665

Ion Ratio Lower Upper

122 100

105 117.5 101.1 141.1

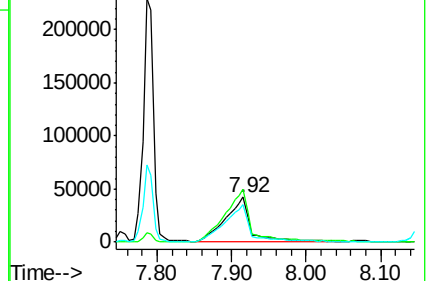
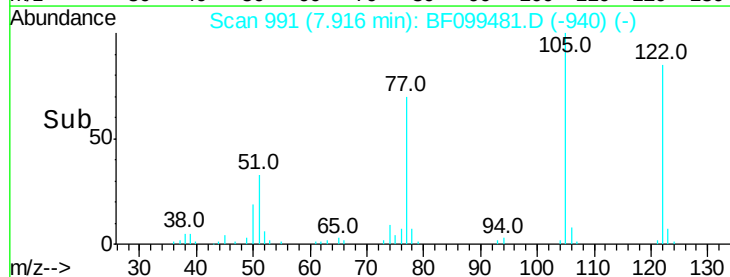
77 82.9 70.7 110.7

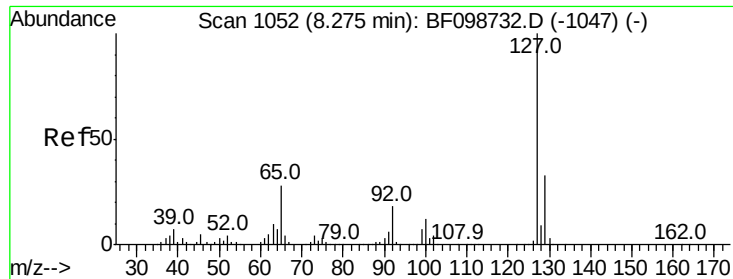


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

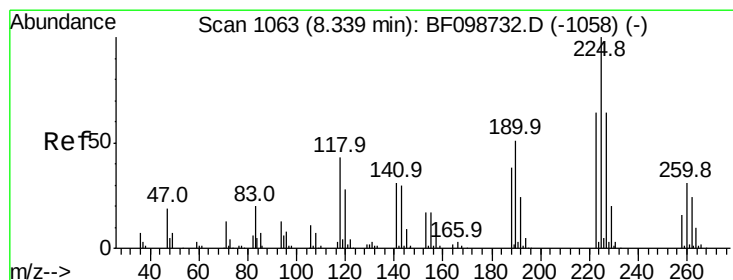
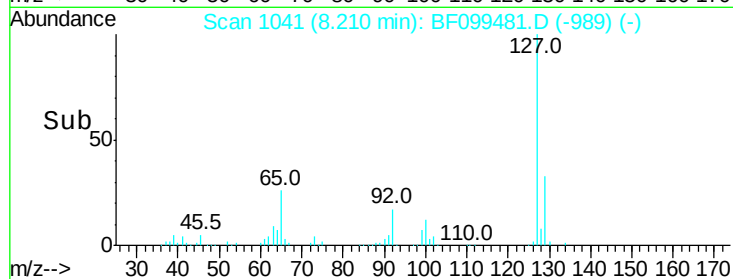
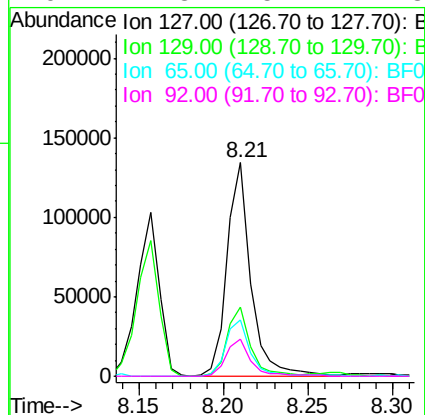
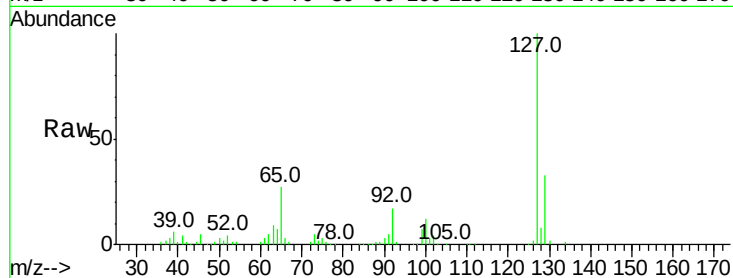




#33
4-Chloroaniline
Concen: 16.516 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

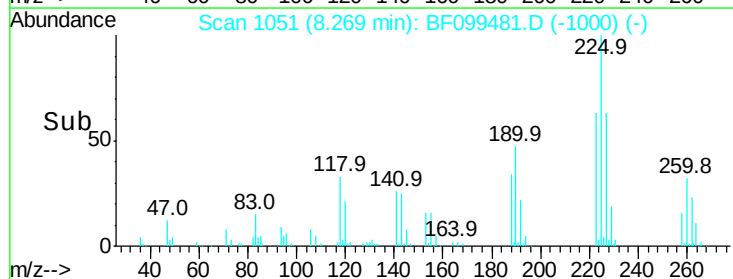
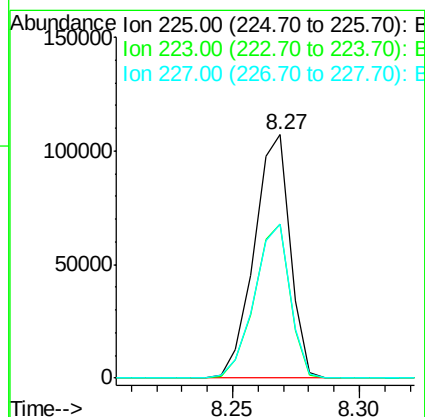
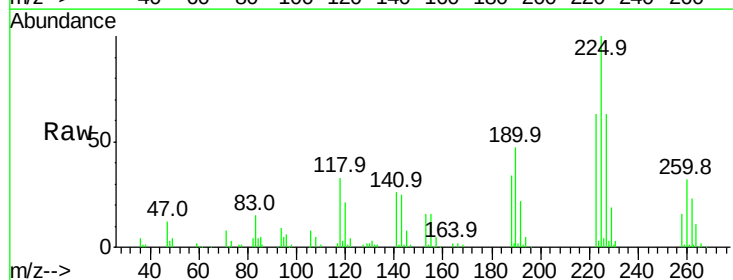
Instrument :
BNA_F
ClientSampleId :

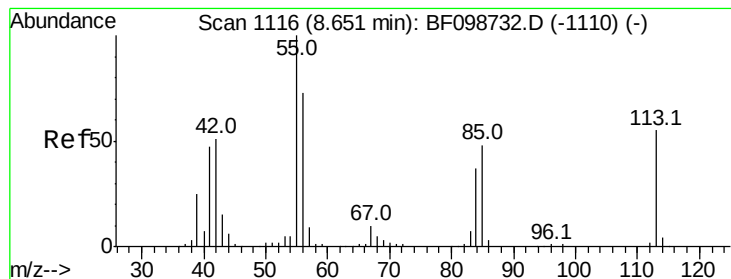
Tot Ion:	127	Resp:	130809
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	26.6	25.0	37.4
92	17.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 36.970 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion:	225	Resp:	106068
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.1	51.9	77.9





#35

Caprolactam

Concen: 24.669 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampled :

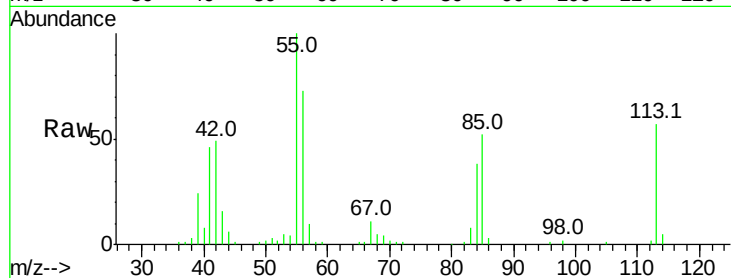
Tot Ion:113 Resp: 44070

Ion Ratio Lower Upper

113 100

55 175.8 163.3 203.3

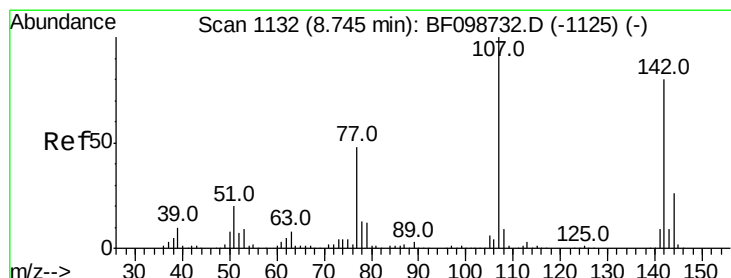
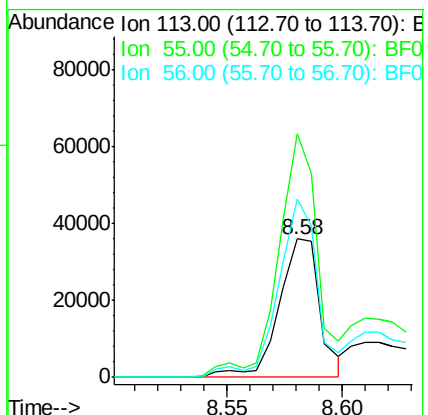
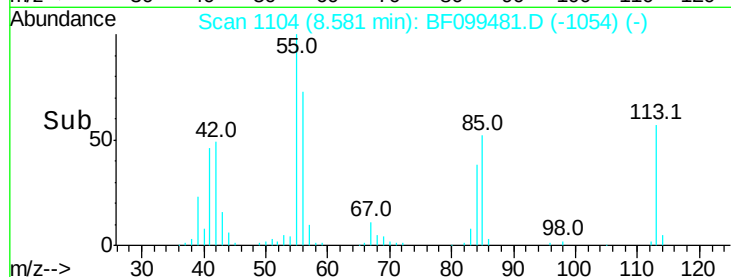
56 128.7 115.7 155.7



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: 34.847 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

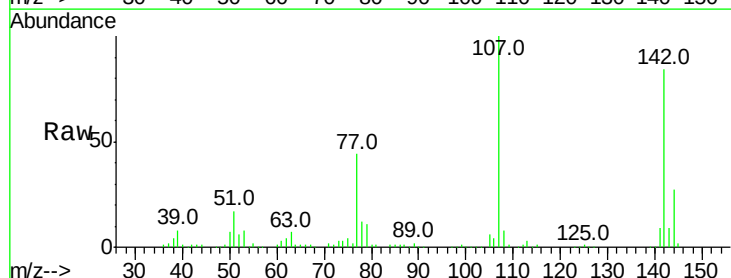
Tgt Ion:107 Resp: 218138

Ion Ratio Lower Upper

107 100

144 26.8 20.5 30.7

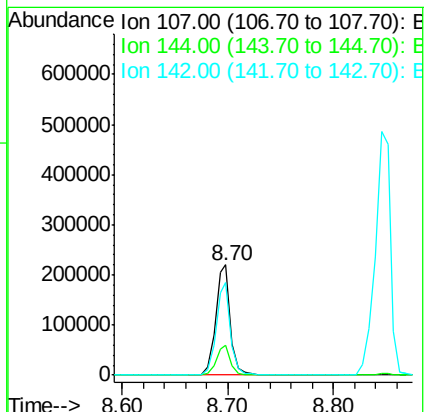
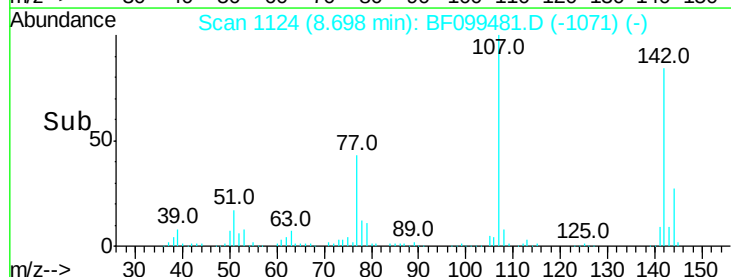
142 83.7 62.0 93.0

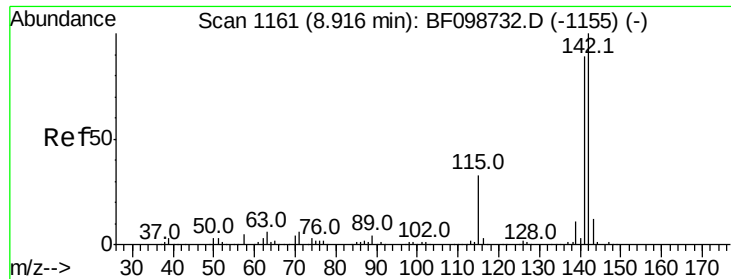


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.080 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

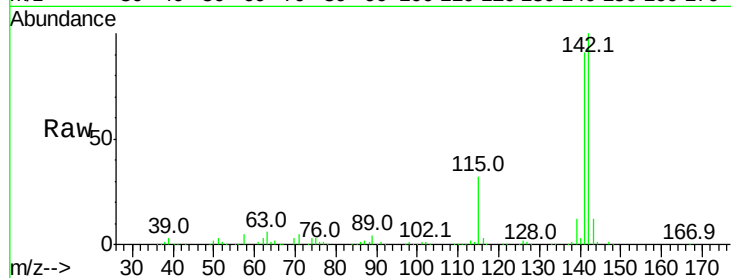
Tot Ion:142 Resp: 494149

Ion Ratio Lower Upper

142 100

141 90.9 70.8 106.2

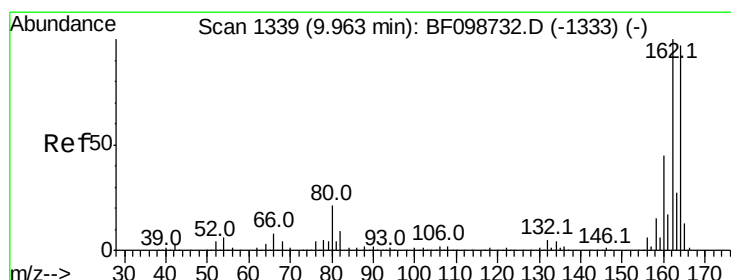
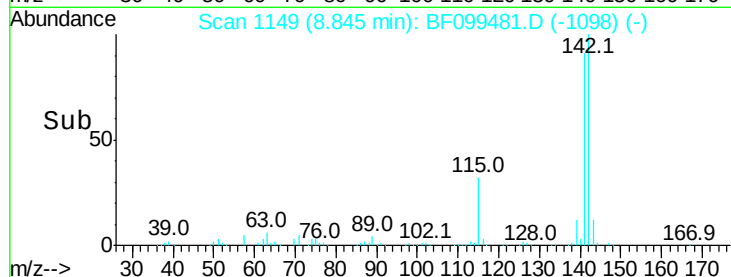
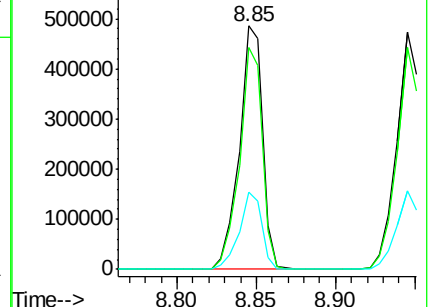
115 31.8 26.1 39.1



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: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

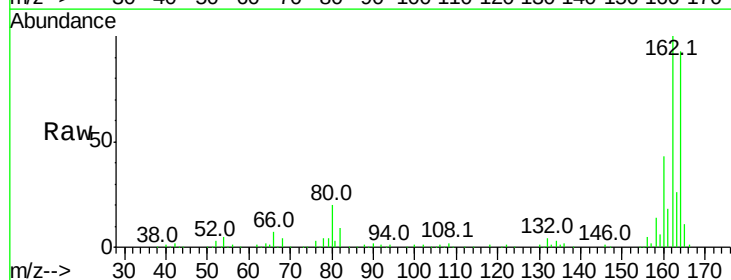
Tgt Ion:164 Resp: 182473

Ion Ratio Lower Upper

164 100

162 107.5 86.1 129.1

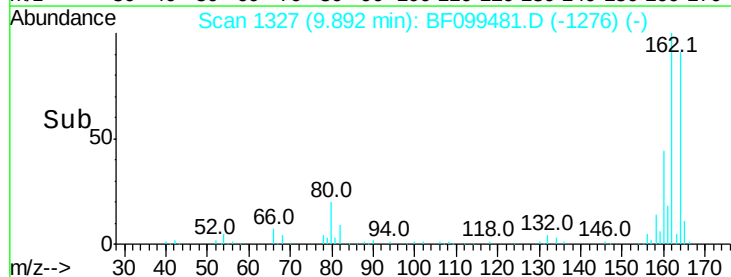
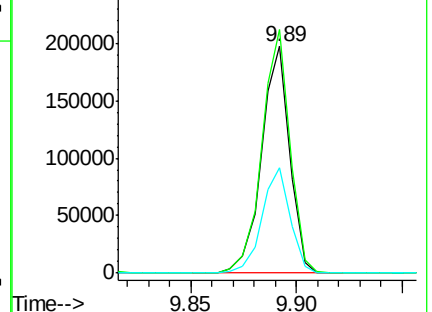
160 46.7 38.3 57.5

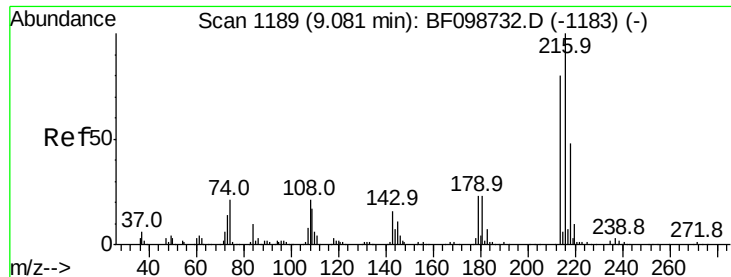


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

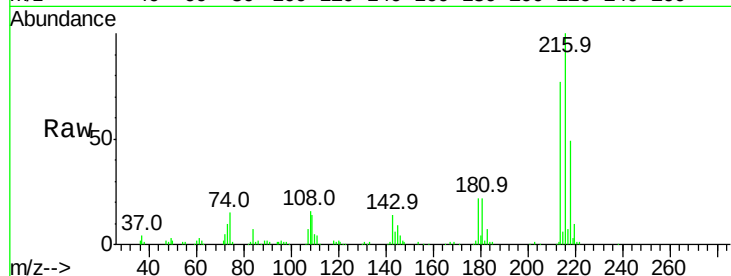




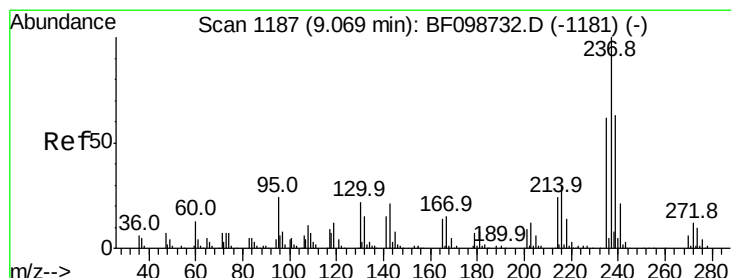
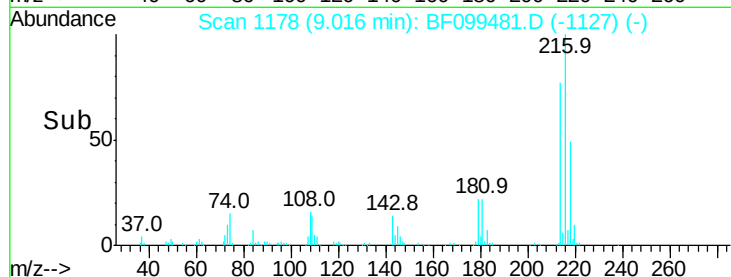
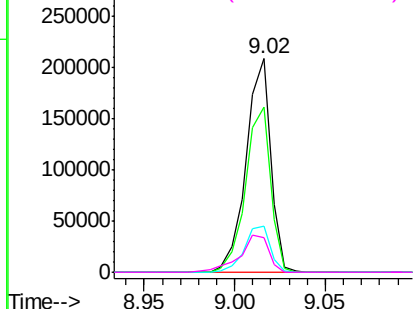
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.227 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	197144
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	22.6	18.1	27.1
108	20.3	17.2	25.8

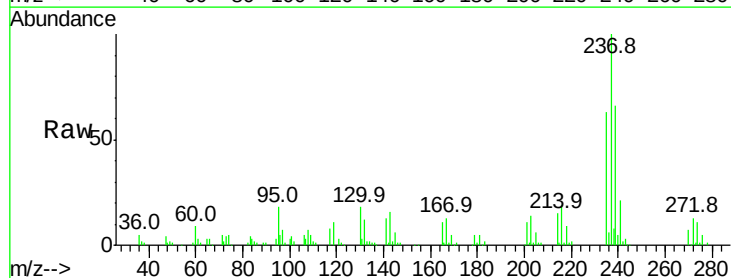


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

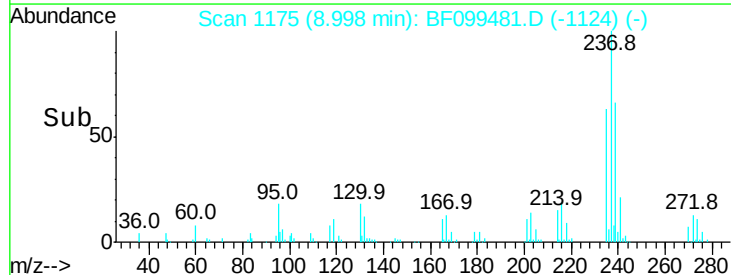
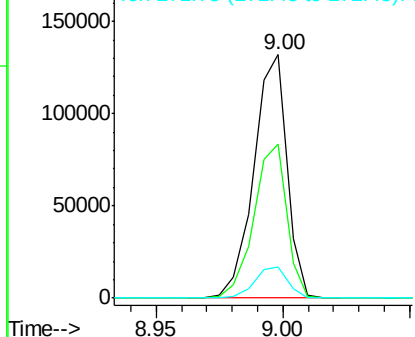


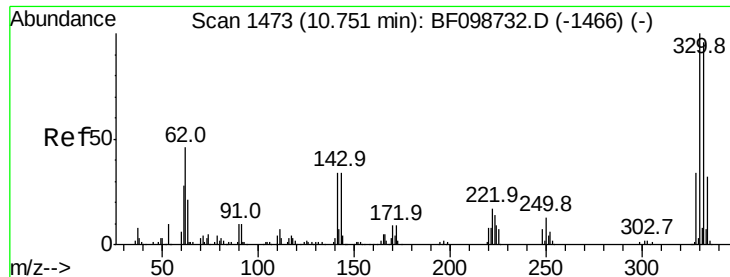
#40
 Hexachlorocyclopentadiene
 Concen: 48.633 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion:	237	Resp:	120947
Ion	Ratio	Lower	Upper
237	100		
235	63.0	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

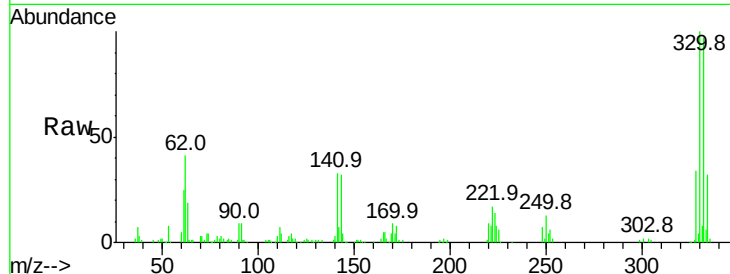




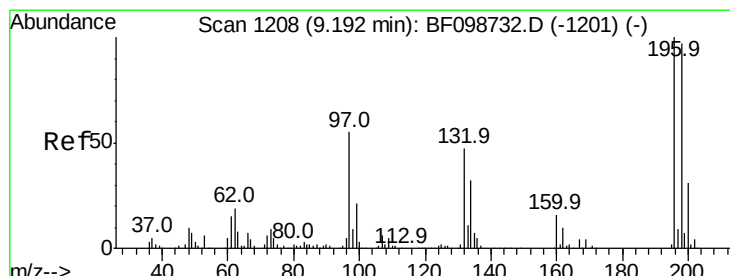
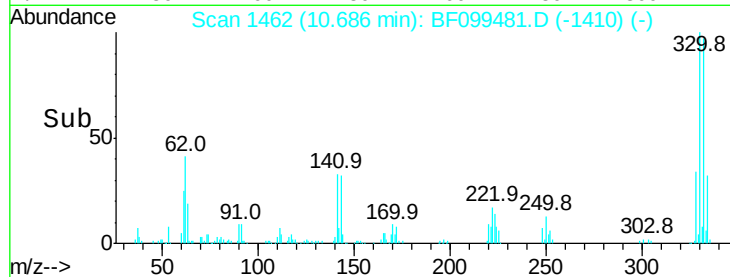
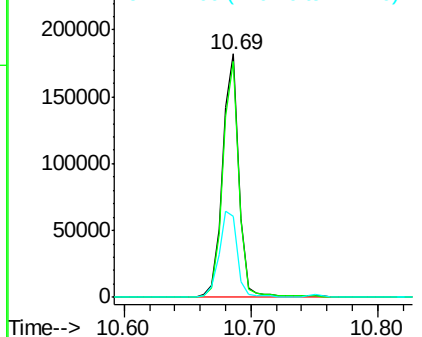
#41
 2,4,6-Tribromophenol
 Concen: 110.399 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 164840
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 39.6 29.9 44.9

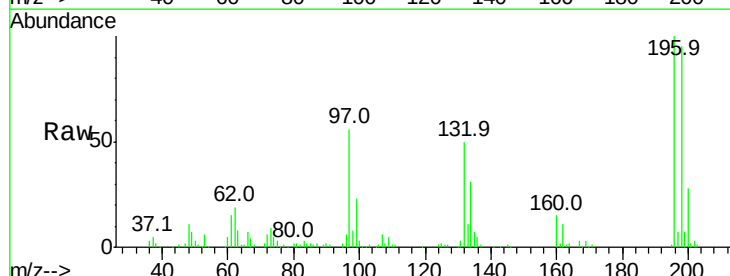


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

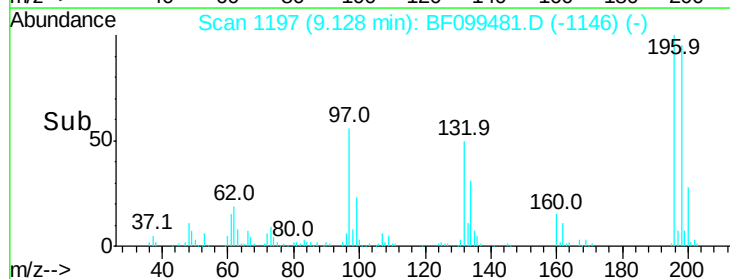
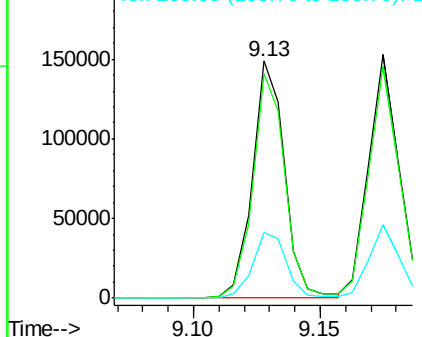


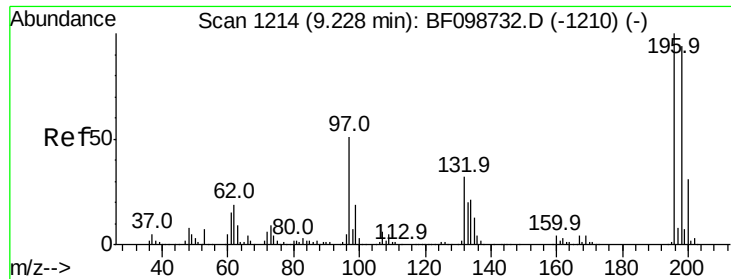
#42
 2,4,6-Trichlorophenol
 Concen: 34.187 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion:196 Resp: 131799
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 200 27.8 24.5 36.7



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

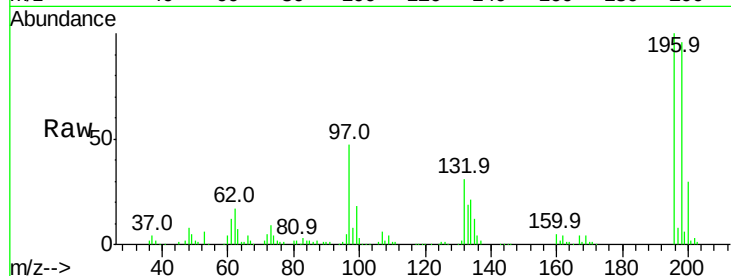




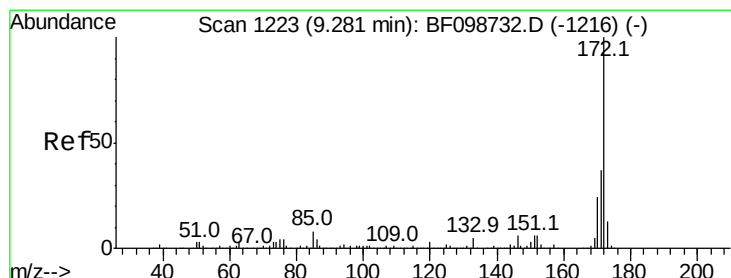
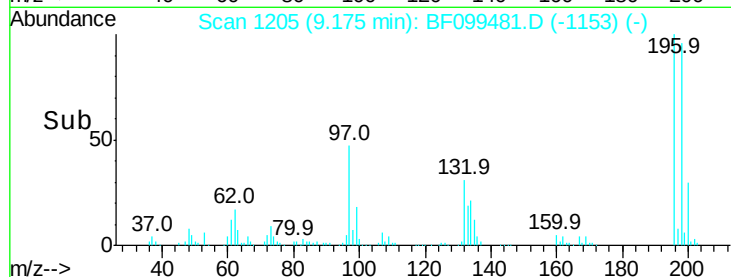
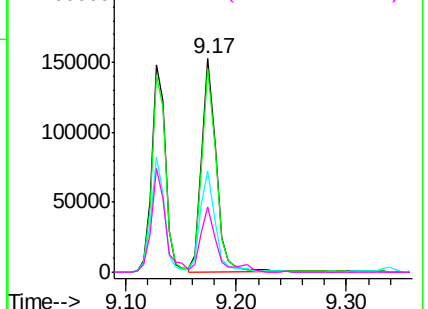
#43
 2,4,5-Trichlorophenol
 Concen: 35.147 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 135261
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.6 112.0
 97 47.4 42.9 64.3
 132 30.6 26.3 39.5

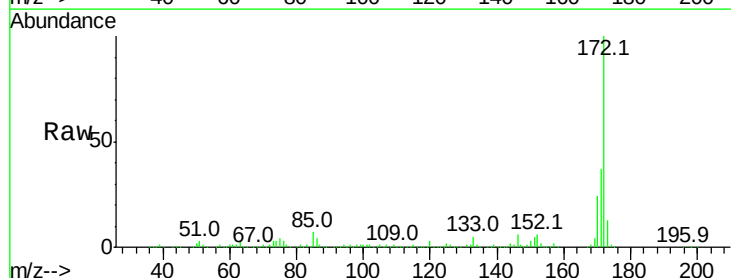


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

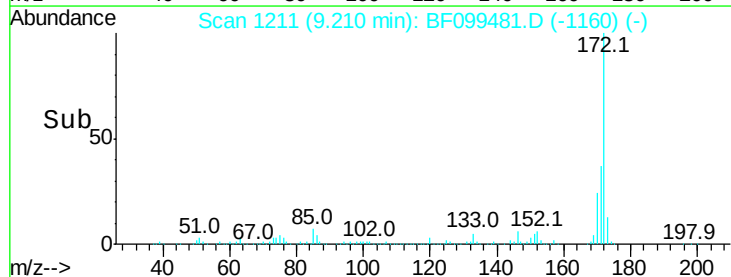
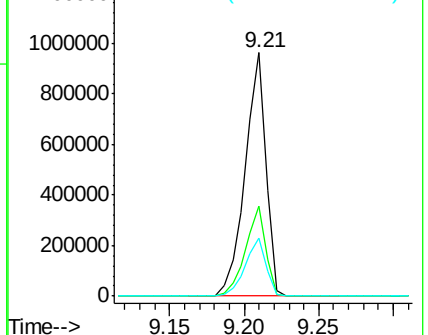


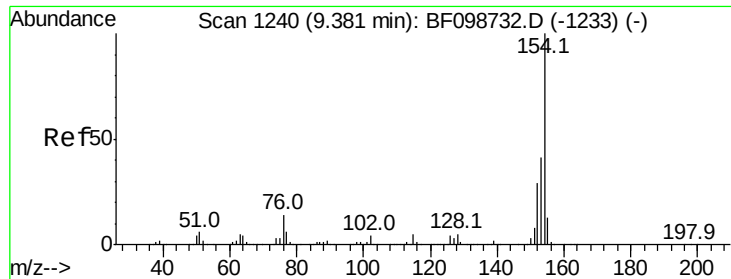
#44
 2-Fluorobiphenyl
 Concen: 84.843 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion:172 Resp: 927360
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.0 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: 36.664 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

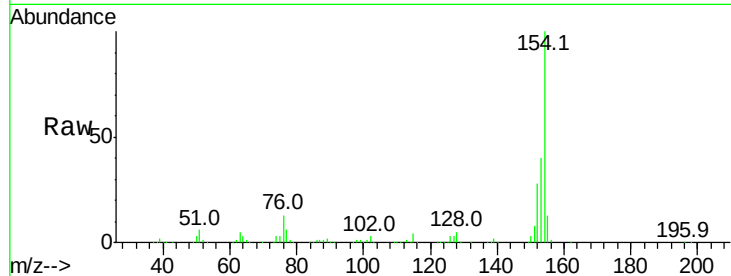
Tot Ion:154 Resp: 574979

Ion Ratio Lower Upper

154 100

153 40.3 21.3 61.3

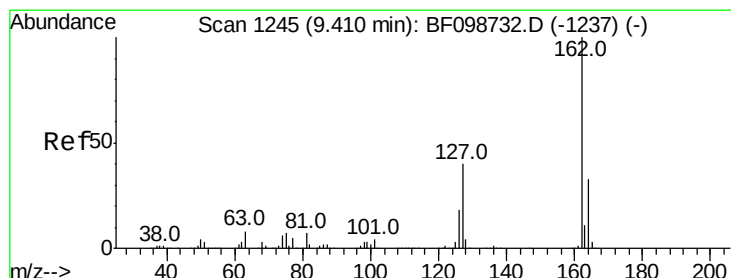
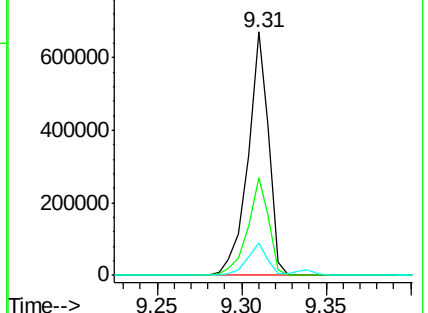
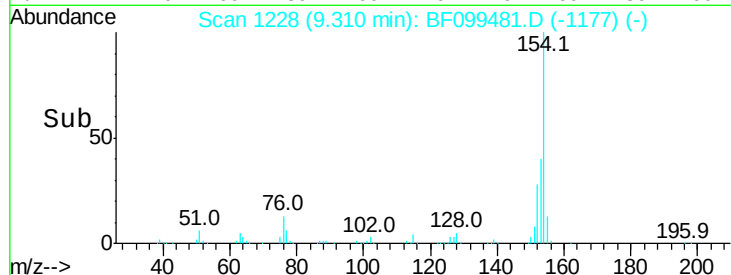
76 13.3 0.0 34.0



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: 38.294 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

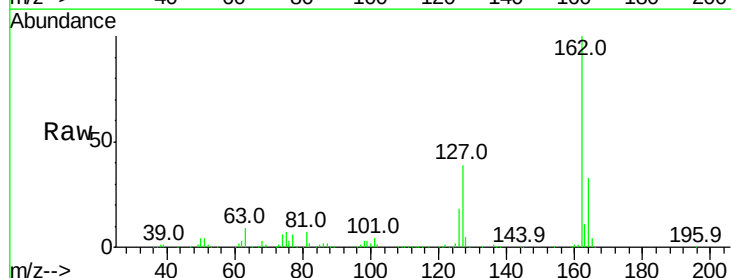
Tgt Ion:162 Resp: 450901

Ion Ratio Lower Upper

162 100

127 38.9 33.9 50.9

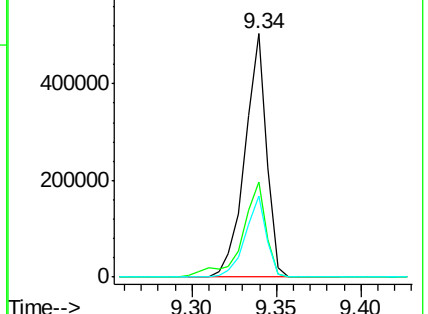
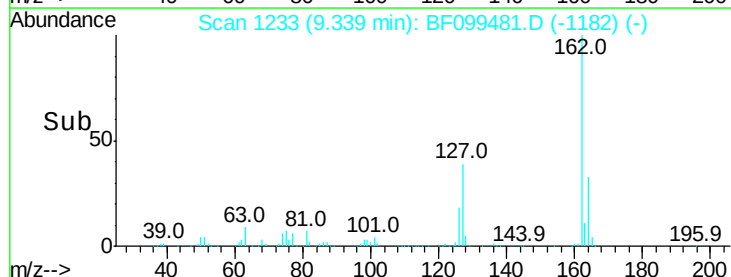
164 33.2 26.5 39.7

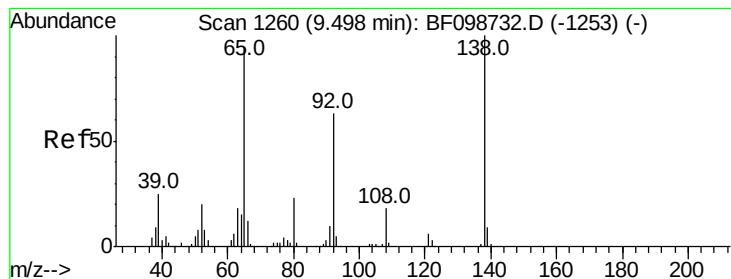


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.046 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

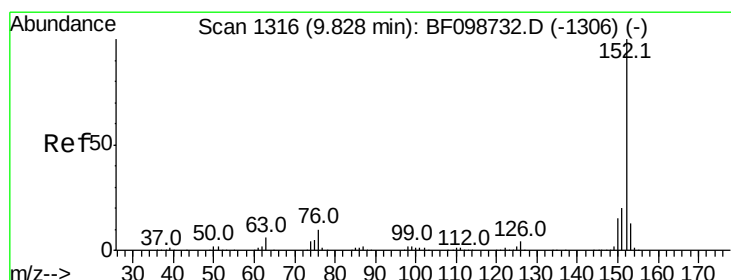
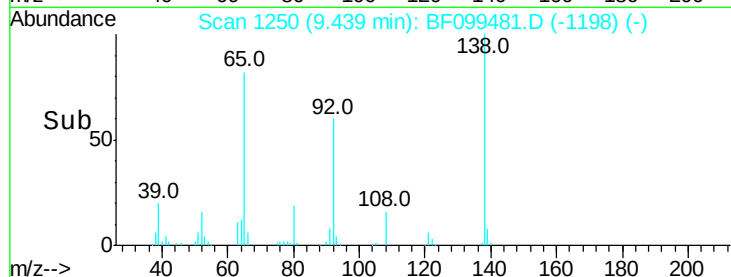
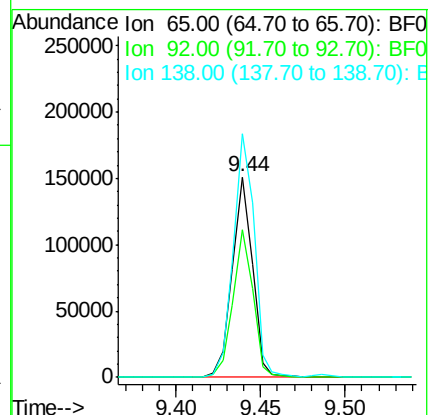
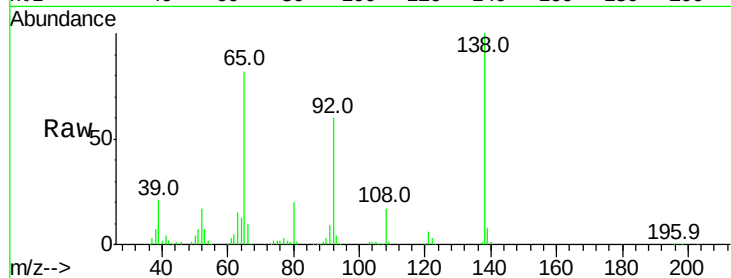
Tot Ion: 65 Resp: 126354

Ion Ratio Lower Upper

65 100

92 73.4 55.8 83.6

138 121.5 91.2 136.8



#48

Acenaphthylene

Concen: 37.564 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

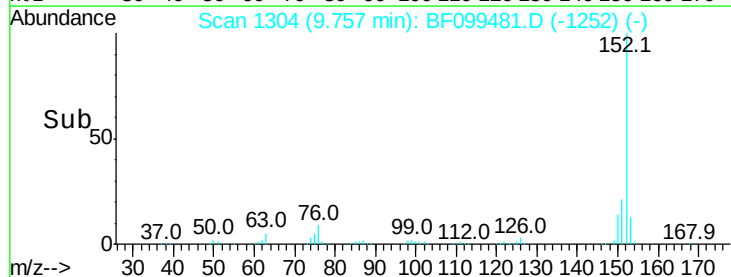
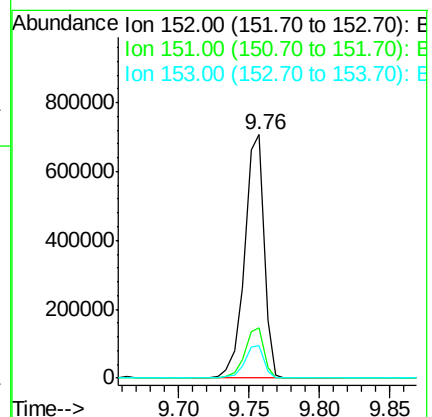
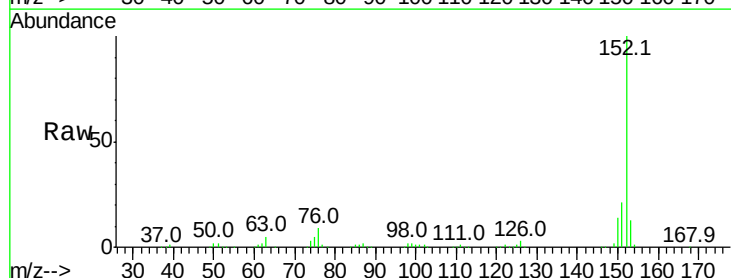
Tgt Ion: 152 Resp: 677089

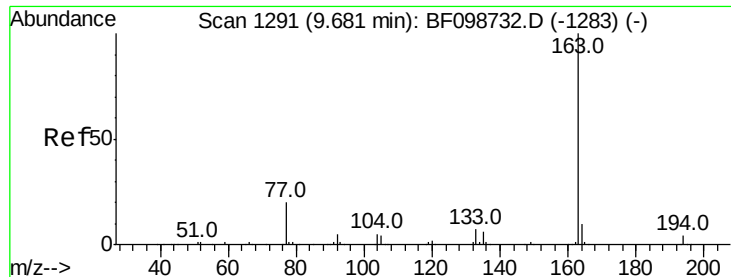
Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.2 10.7 16.1

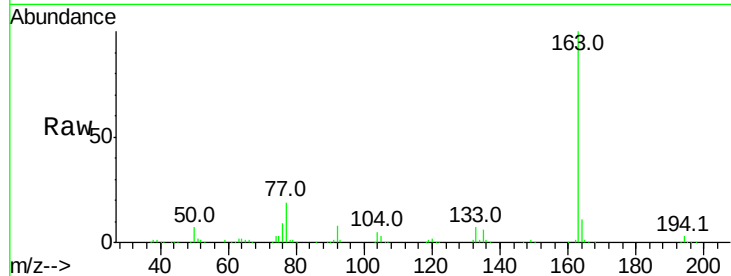




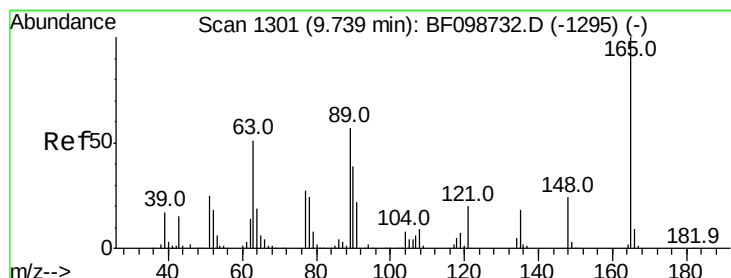
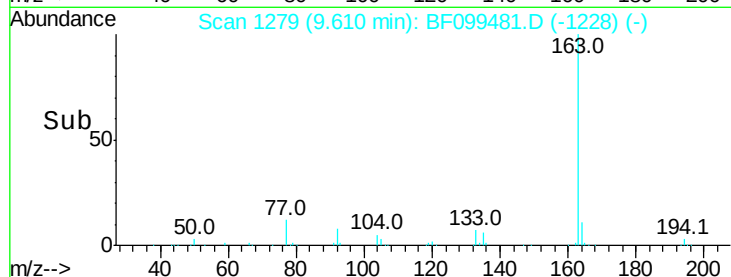
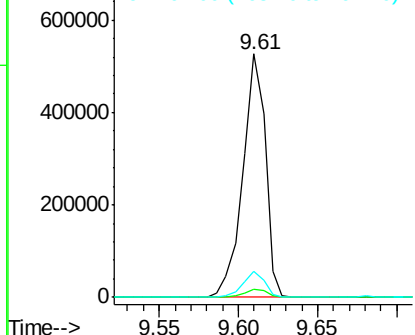
#49
Dimethylphthalate
Concen: 37.649 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 518511
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.5 8.2 12.2

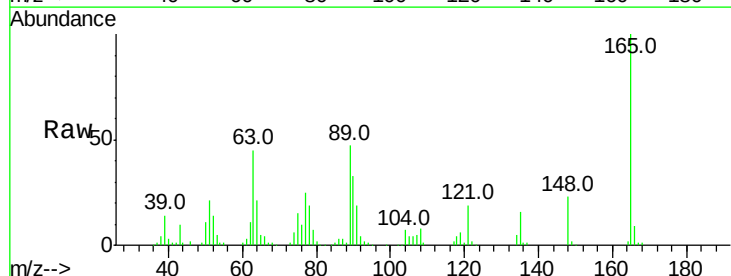


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

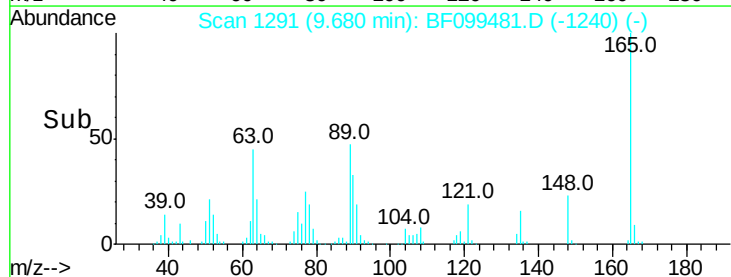
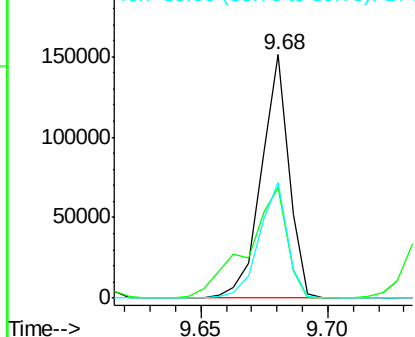


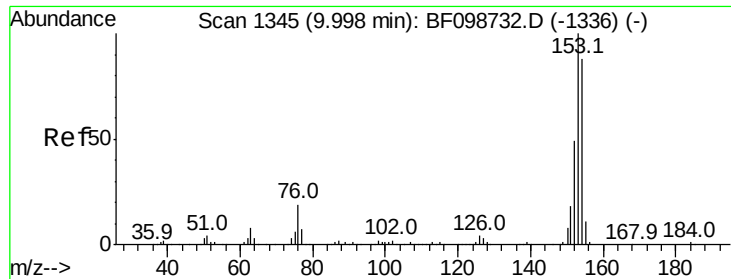
#50
2,6-Dinitrotoluene
Concen: 38.471 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion:165 Resp: 115347
Ion Ratio Lower Upper
165 100
63 45.3 44.7 67.1
89 47.3 44.0 66.0



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





#51

Acenaphthene

Concen: 35.122 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

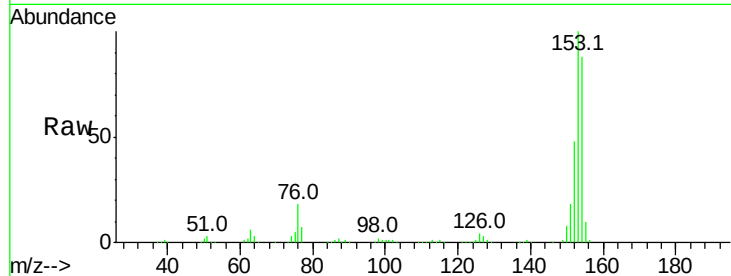
Tot Ion:154 Resp: 401030

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

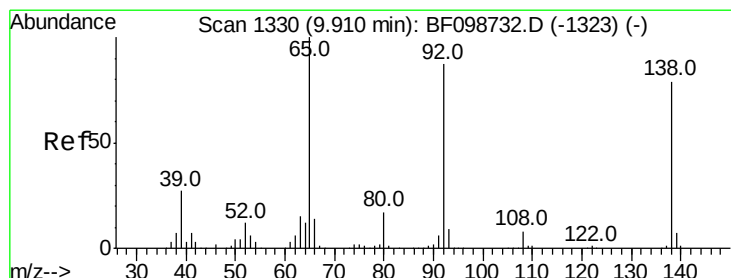
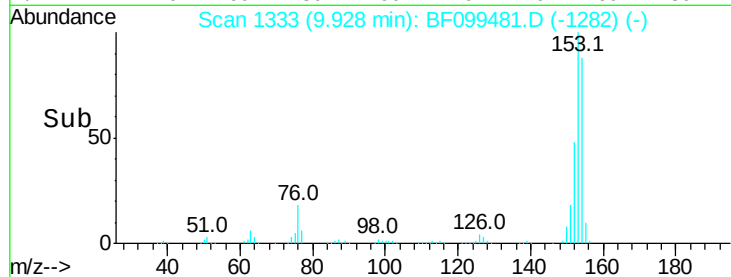
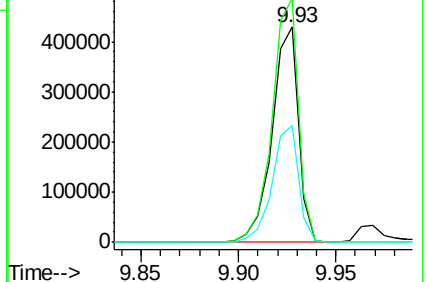
152 54.3 43.8 65.8



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: 23.709 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

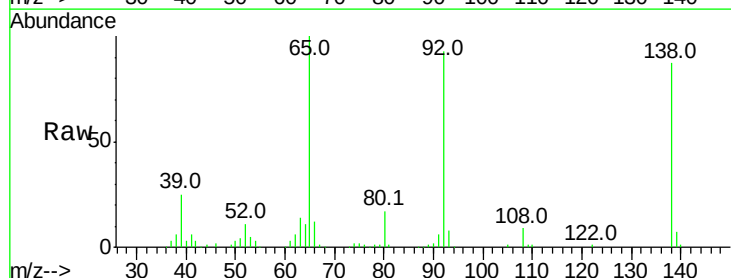
Tgt Ion:138 Resp: 82887

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

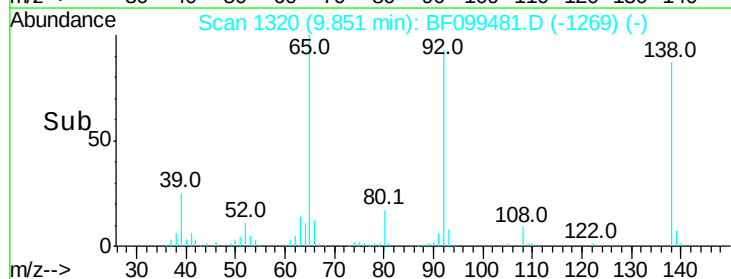
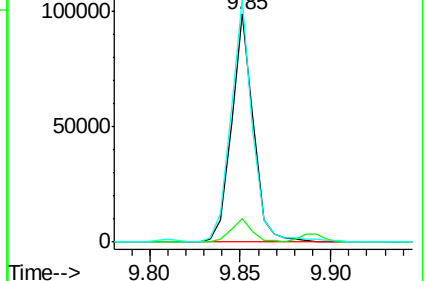
92 106.8 89.4 134.2

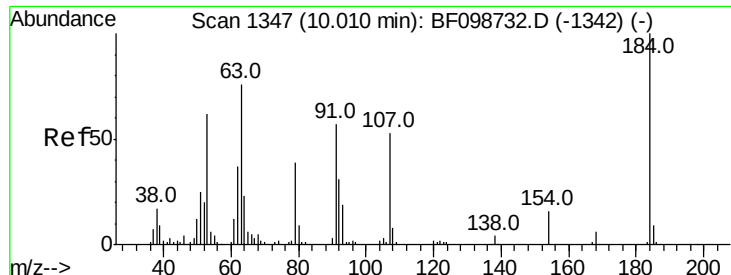


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

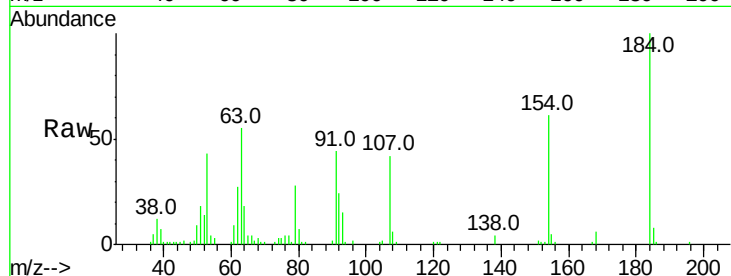




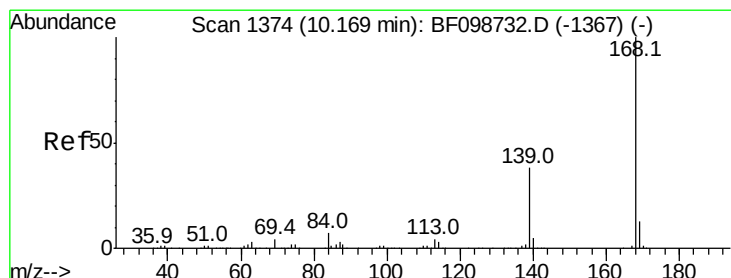
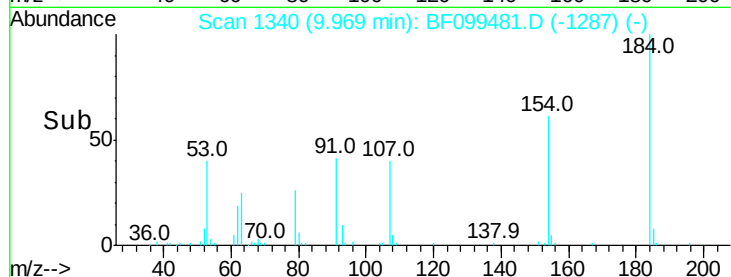
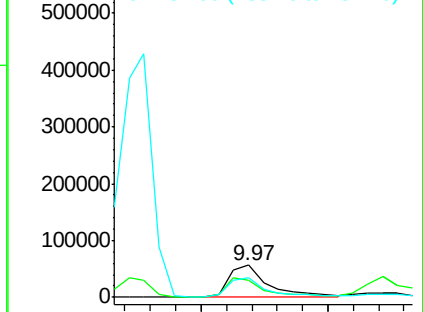
#53
2,4-Dinitrophenol
Concen: 42.191 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 61223
Ion Ratio Lower Upper
184 100
63 55.2 54.2 81.2
154 61.5 53.5 80.3

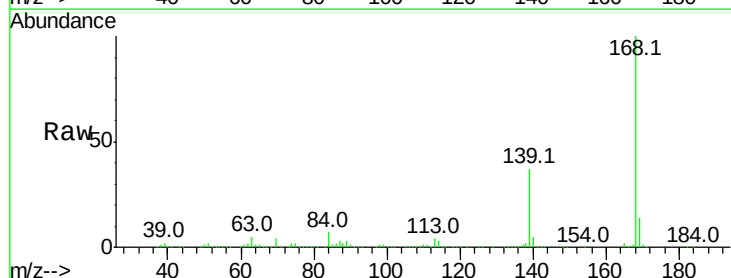


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

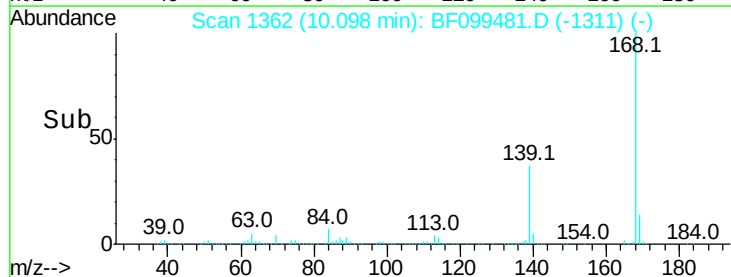
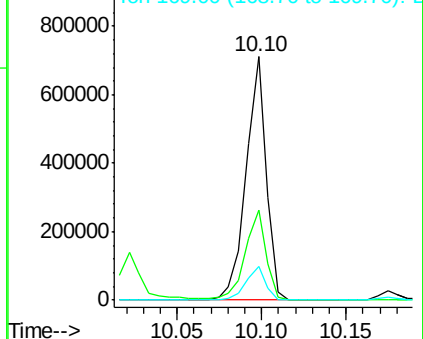


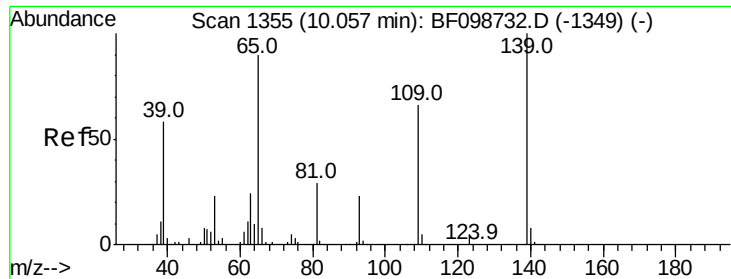
#54
Dibenzofuran
Concen: 39.284 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion:168 Resp: 597217
Ion Ratio Lower Upper
168 100
139 37.2 30.1 45.1
169 13.6 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

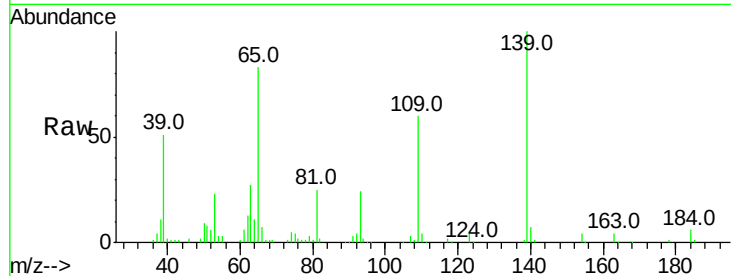




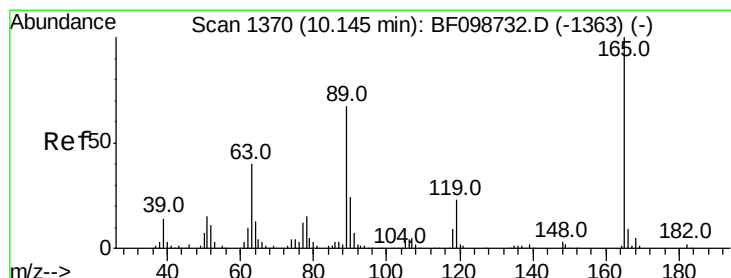
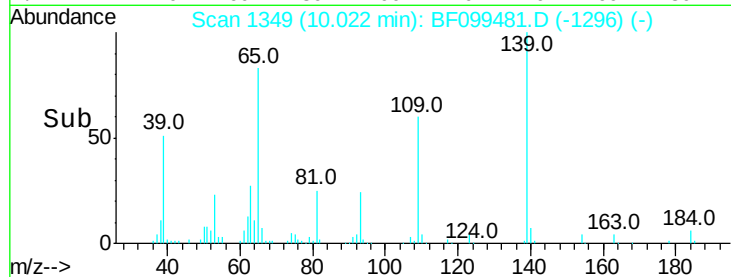
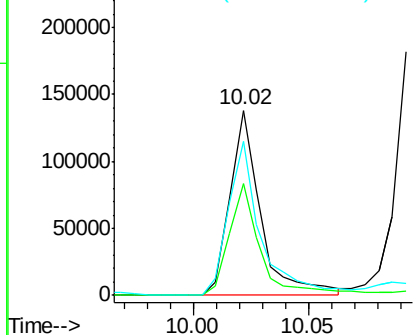
#55
4-Nitrophenol
Concen: 43.554 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 128750
Ion Ratio Lower Upper
139 100
109 60.3 48.4 88.4
65 83.2 72.6 112.6

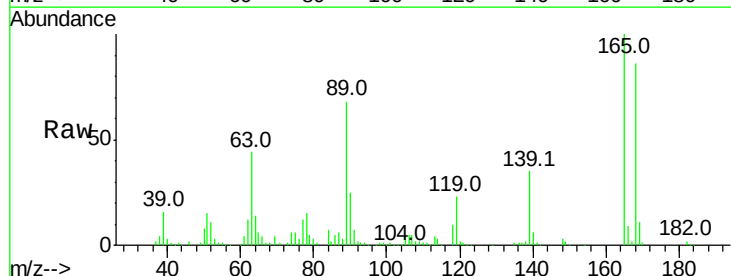


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

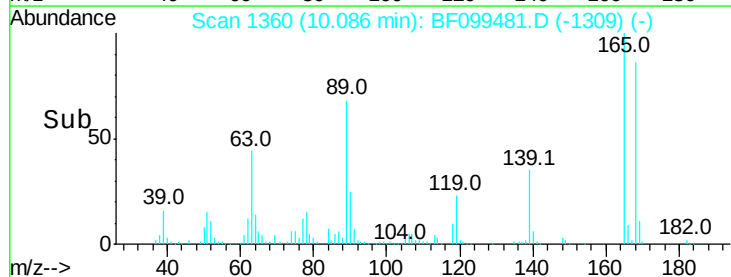
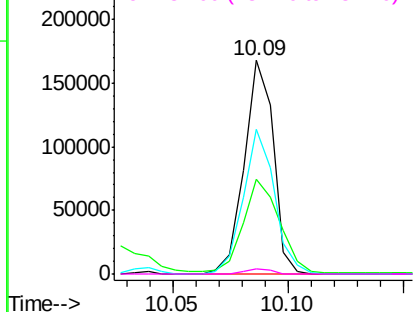


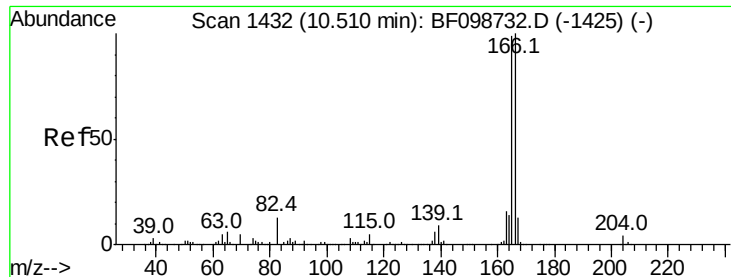
#56
2,4-Dinitrotoluene
Concen: 38.210 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion:165 Resp: 148682
Ion Ratio Lower Upper
165 100
63 44.5 36.4 54.6
89 67.6 57.8 86.6
182 2.4 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: 38.937 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

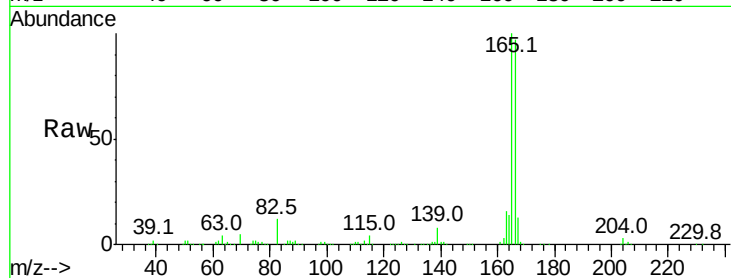
Tot Ion:166 Resp: 475780

Ion Ratio Lower Upper

166 100

165 102.8 79.8 119.8

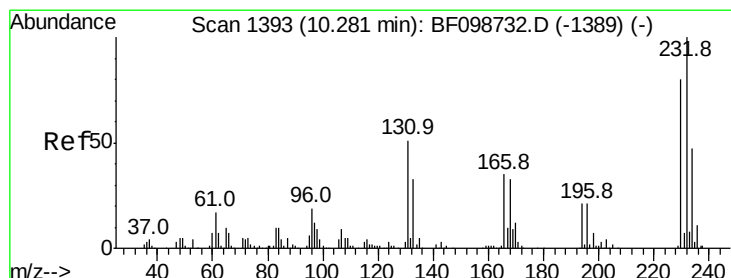
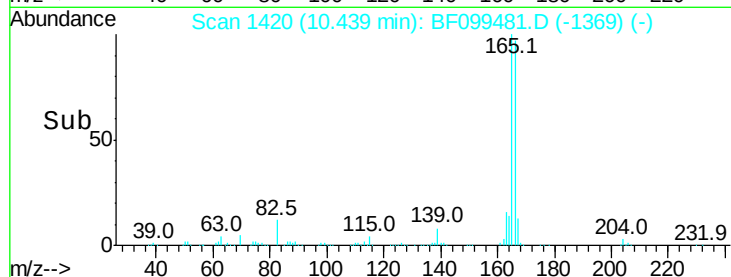
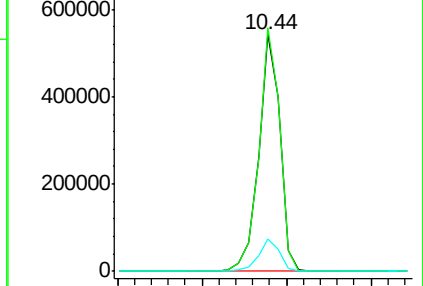
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.536 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Tgt Ion:232 Resp: 102448

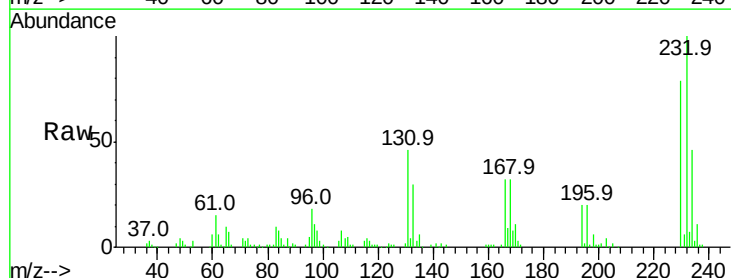
Ion Ratio Lower Upper

232 100

131 53.0 43.8 65.8

130 2.4 2.1 3.1

166 33.7 27.8 41.6

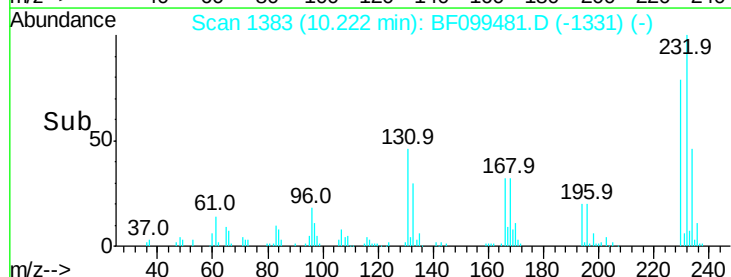
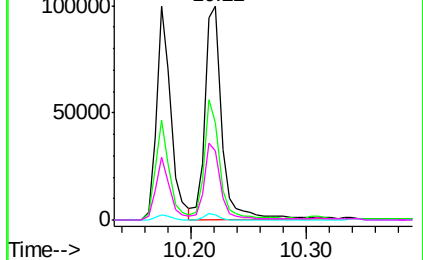


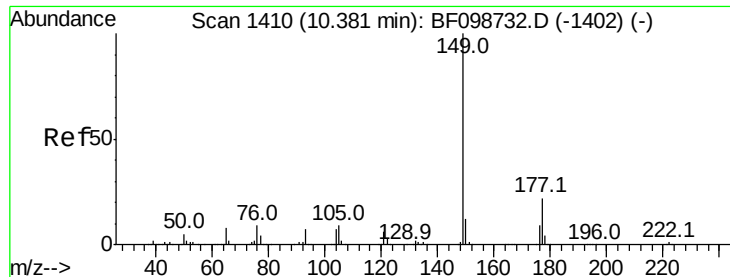
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.119 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

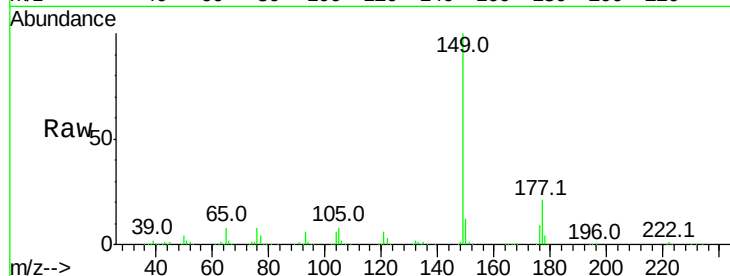
Tot Ion:149 Resp: 499520

Ion Ratio Lower Upper

149 100

177 21.3 16.1 24.1

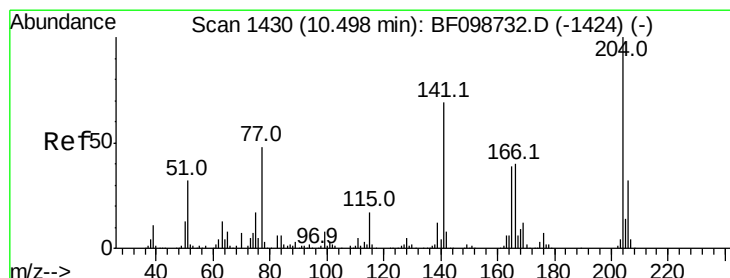
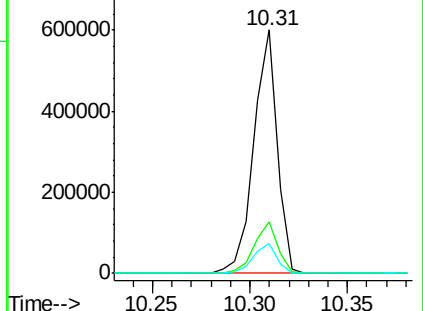
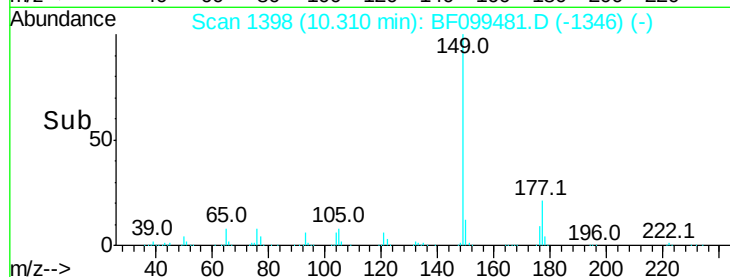
150 12.2 10.1 15.1



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: 38.496 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

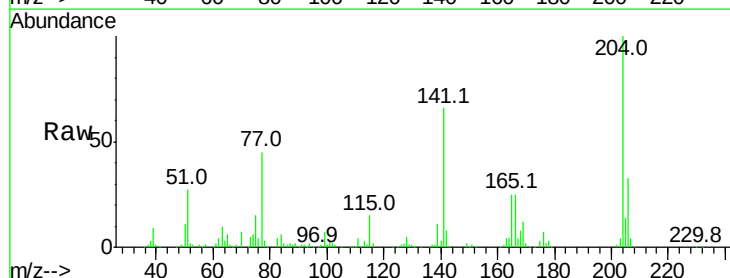
Tgt Ion:204 Resp: 211300

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

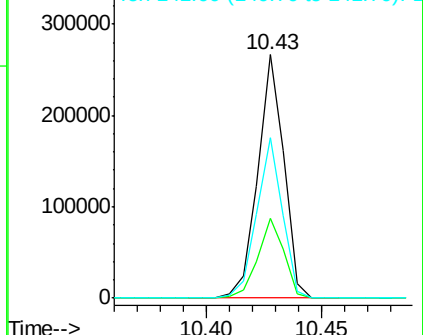
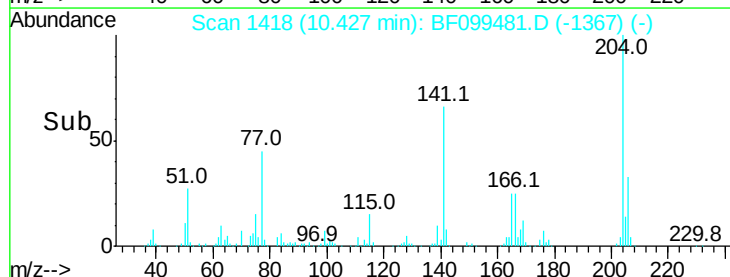
141 65.7 54.6 81.8

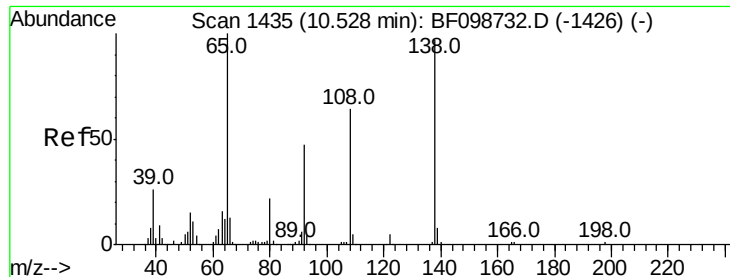


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

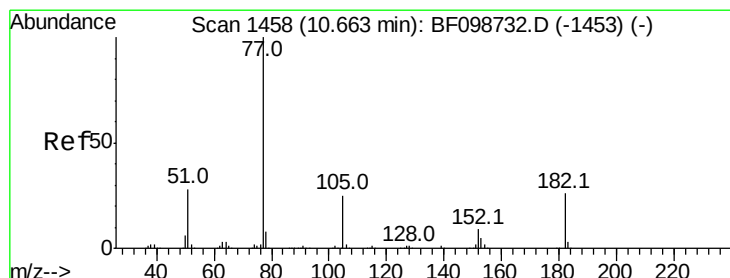
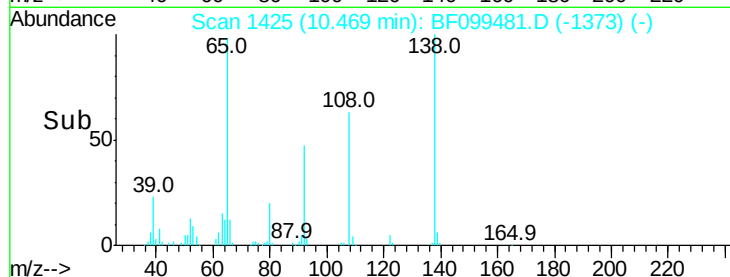
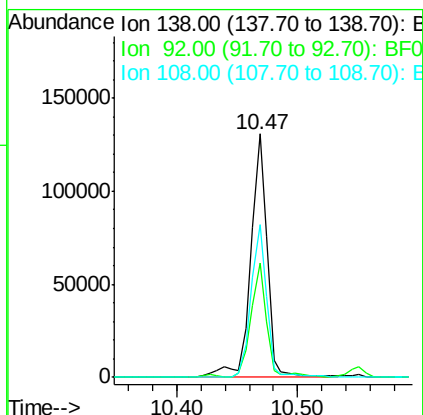
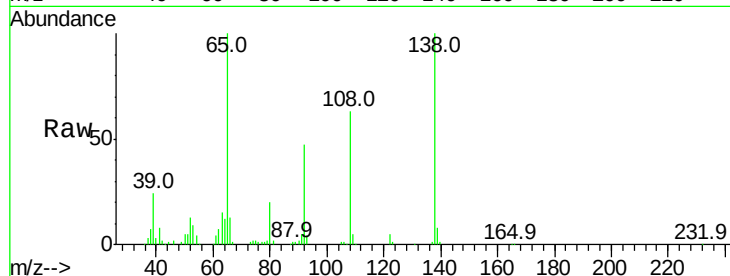




#61
4-Nitroaniline
Concen: 37.271 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

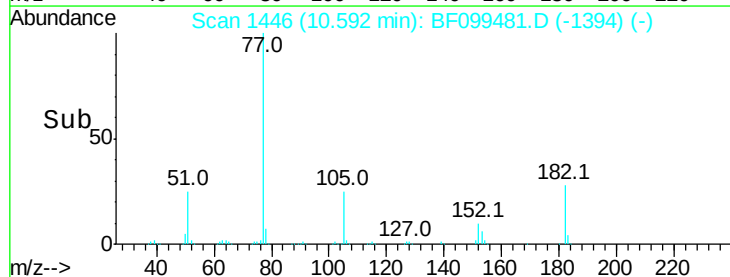
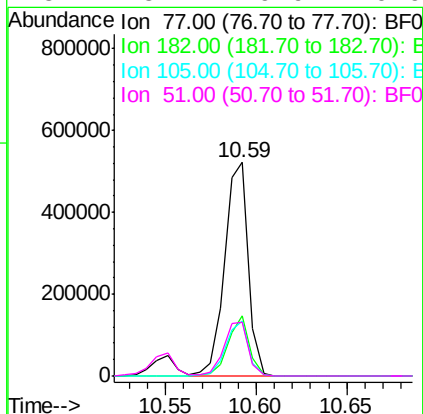
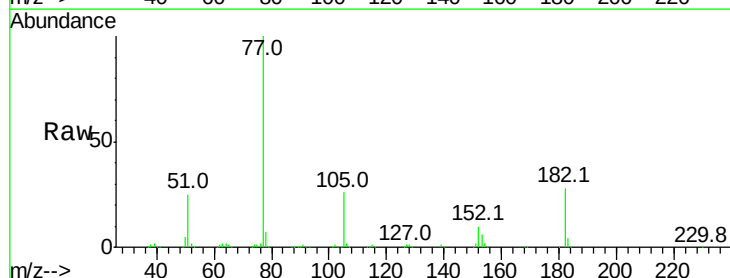
Instrument :
BNA_F
ClientSampleId :

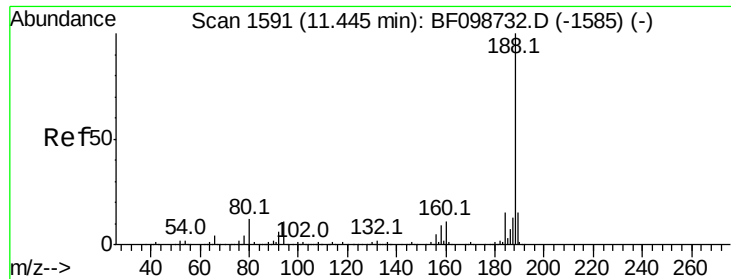
Tot Ion:138 Resp: 125708
Ion Ratio Lower Upper
138 100
92 46.9 30.2 70.2
108 62.8 52.5 92.5



#62
Azobenzene
Concen: 38.223 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion: 77 Resp: 472952
Ion Ratio Lower Upper
77 100
182 28.1 1.7 41.7
105 25.6 3.0 43.0
51 25.2 9.9 49.9

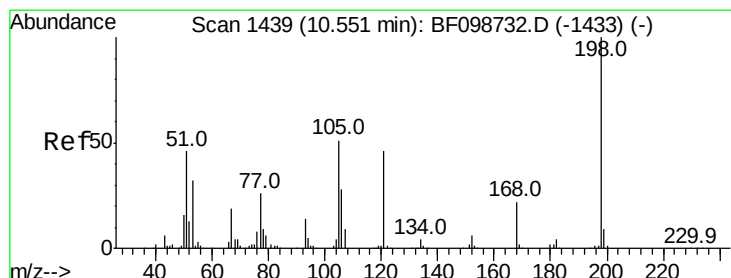
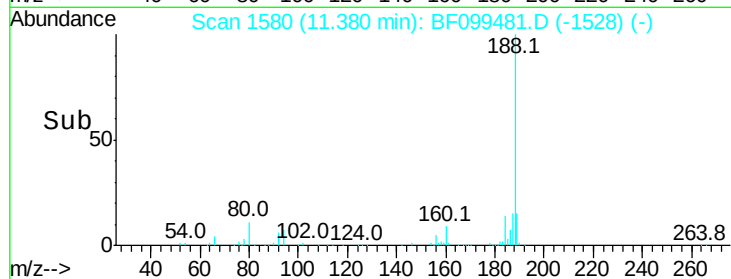
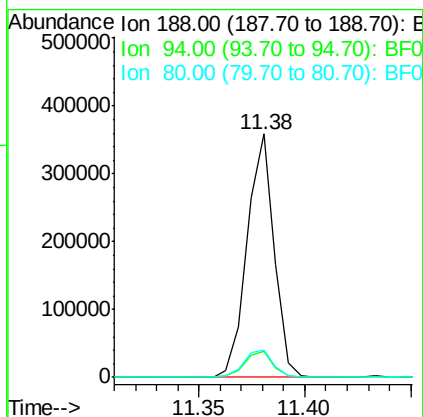
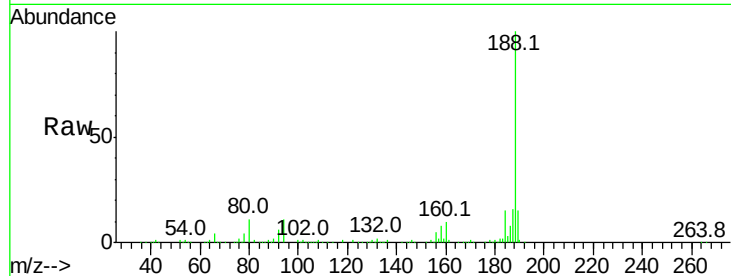




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

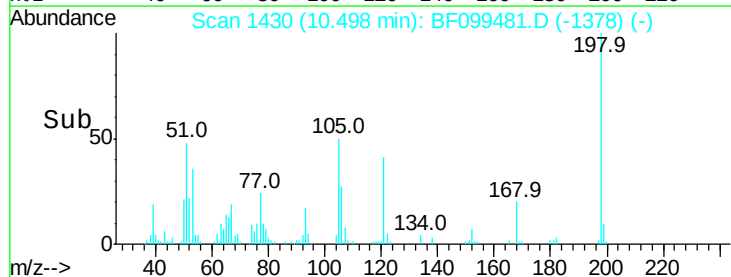
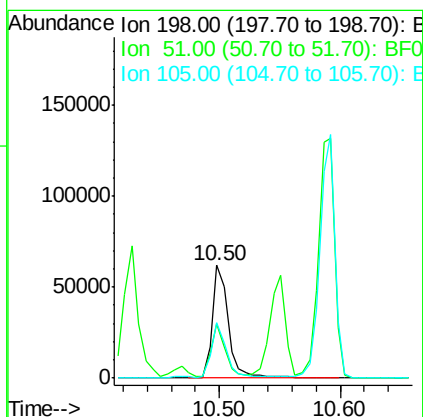
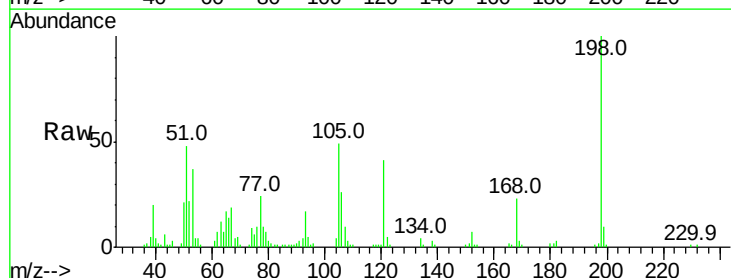
Instrument :
BNA_F
ClientSampled :

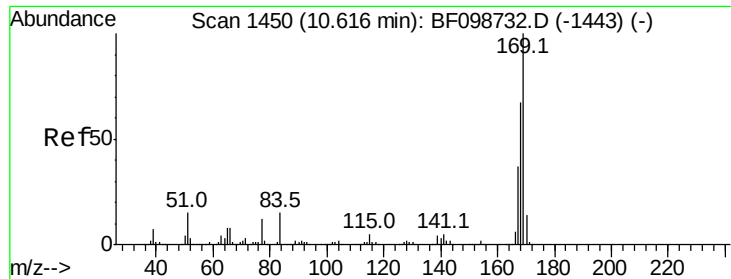
Tot Ion:188 Resp: 317750
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 29.308 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion:198 Resp: 56660
Ion Ratio Lower Upper
198 100
51 47.9 37.7 77.7
105 49.3 36.3 76.3

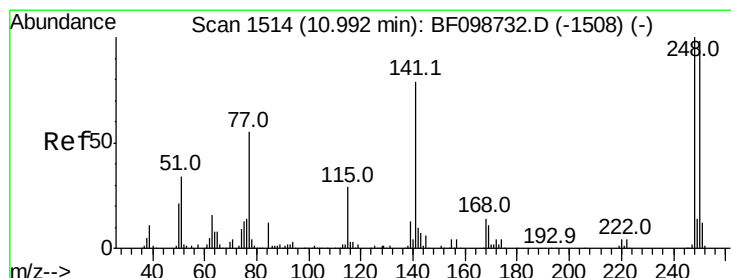
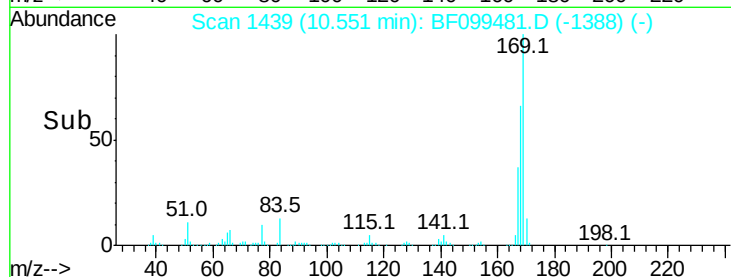
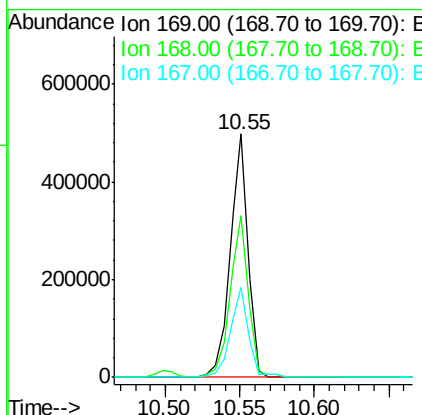
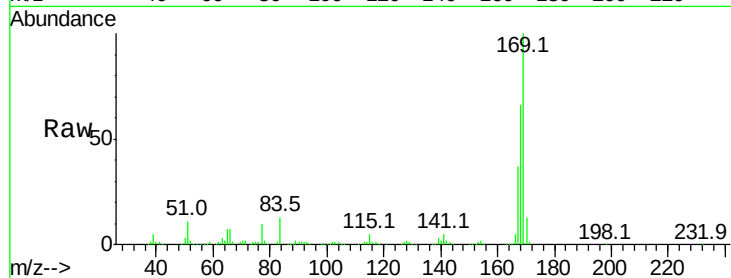




#65
n-Nitrosodiphenylamine
Concen: 38.214 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

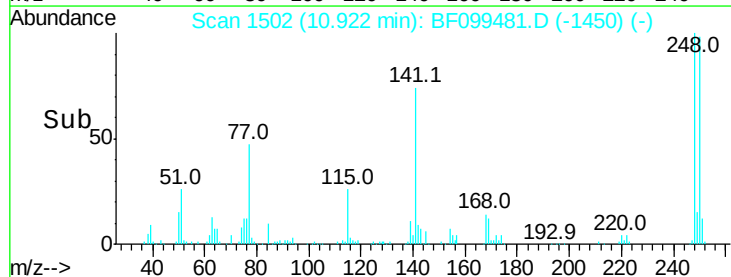
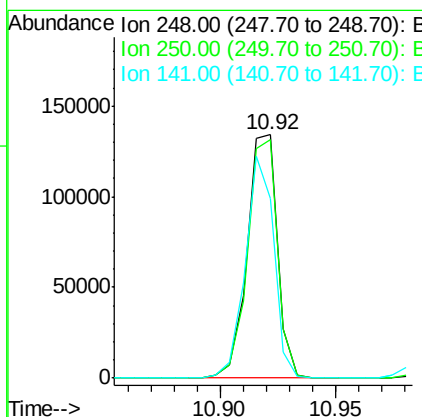
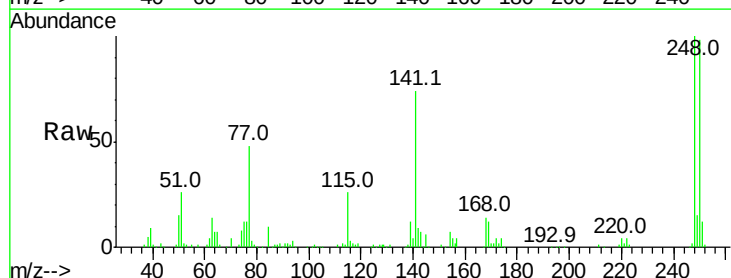
Instrument :
BNA_F
ClientSampleId :

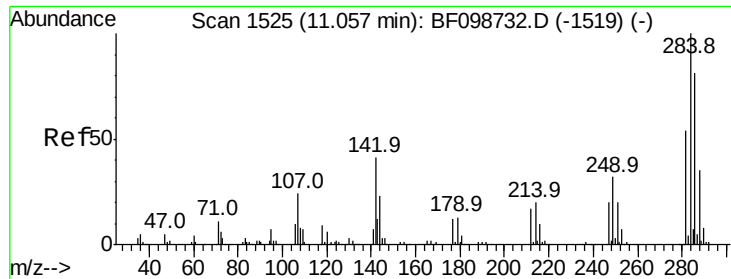
Tot Ion:169 Resp: 420649
Ion Ratio Lower Upper
169 100
168 66.4 54.4 81.6
167 36.8 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 39.766 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion:248 Resp: 123683
Ion Ratio Lower Upper
248 100
250 98.1 76.9 115.3
141 73.8 74.4 111.6#





#67

Hexachlorobenzene

Concen: 37.670 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

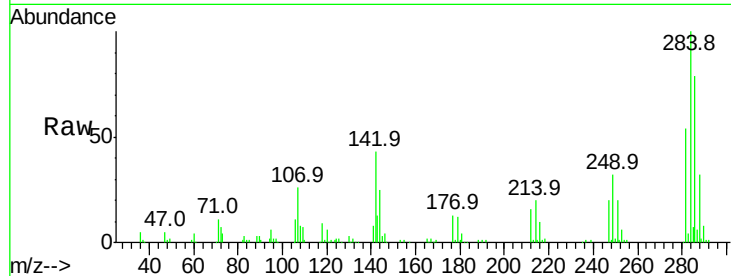
Tot Ion:284 Resp: 125134

Ion Ratio Lower Upper

284 100

142 42.8 34.6 52.0

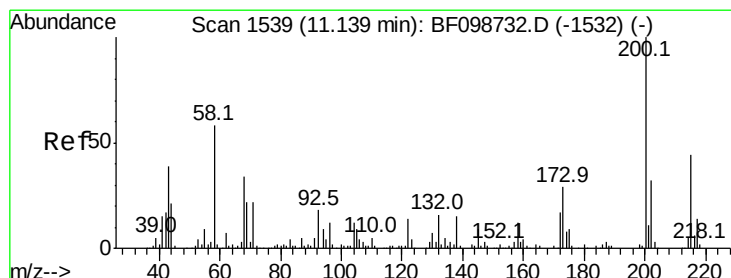
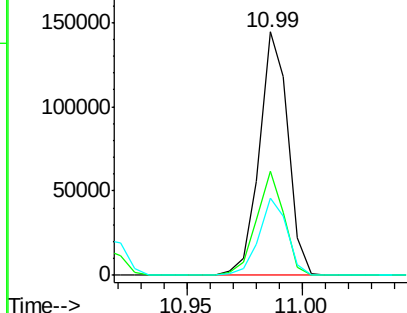
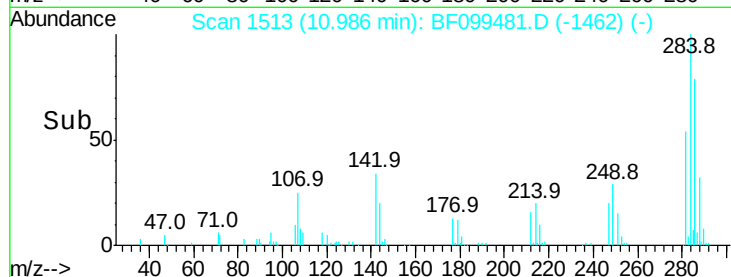
249 31.8 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.945 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

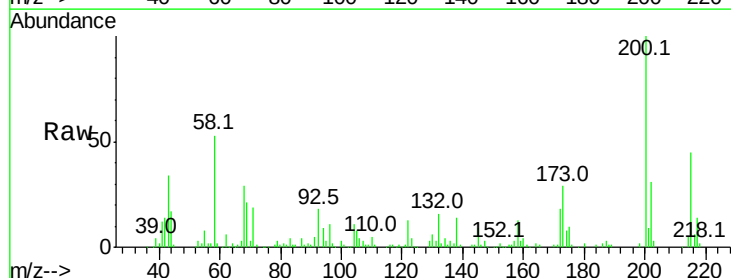
Tgt Ion:200 Resp: 132293

Ion Ratio Lower Upper

200 100

173 29.4 8.6 48.6

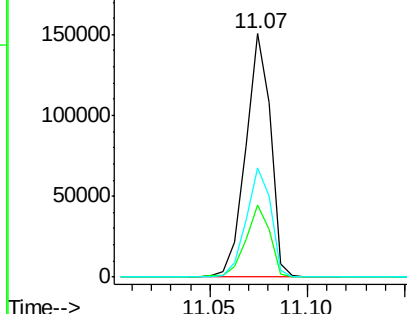
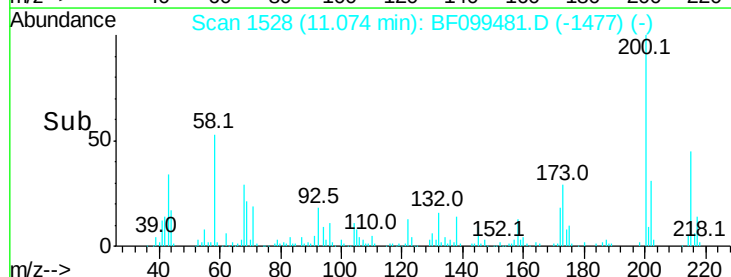
215 44.7 25.1 65.1

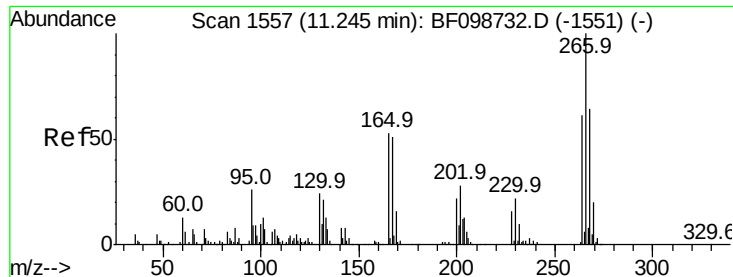


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

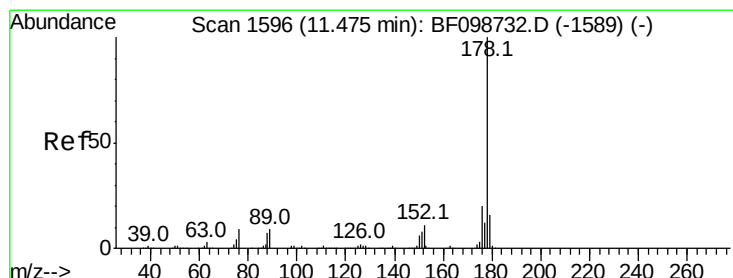
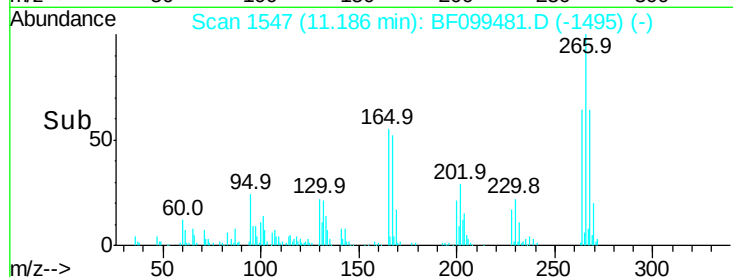
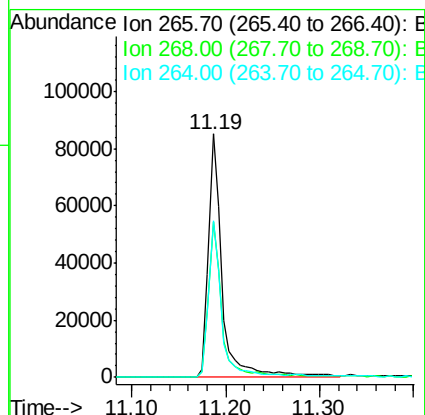
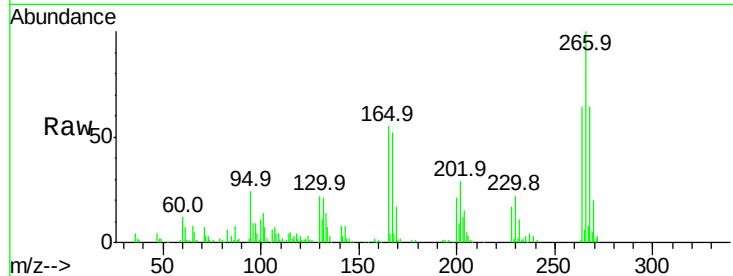




#69
 Pentachlorophenol
 Concen: 42.998 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

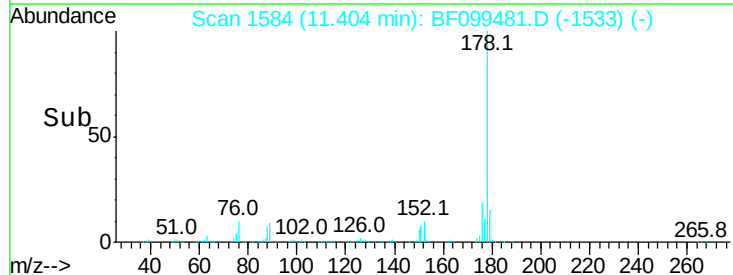
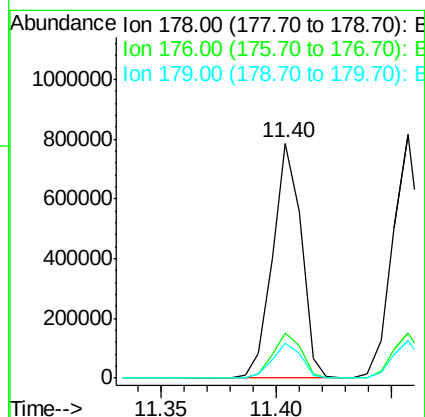
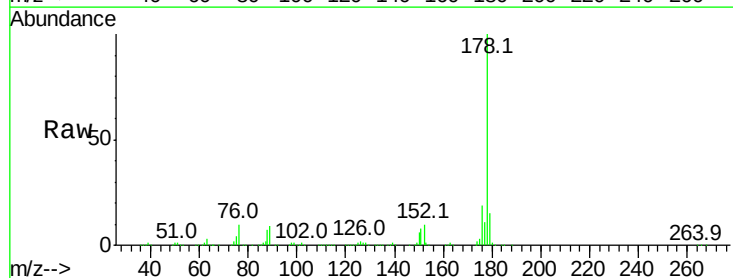
Instrument :
 BNA_F
 ClientSampleId :

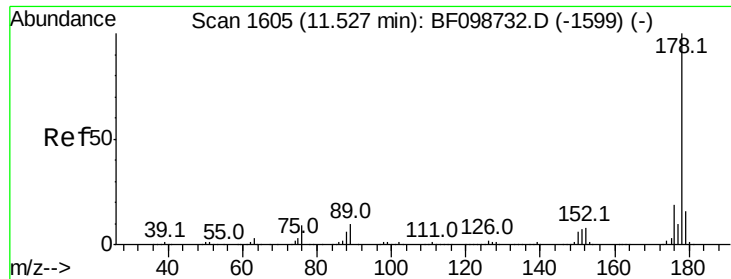
Tot Ion:266 Resp: 88894
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 64.2 49.5 74.3



#70
 Phenanthrene
 Concen: 39.751 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion:178 Resp: 676102
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.1 13.0 19.6

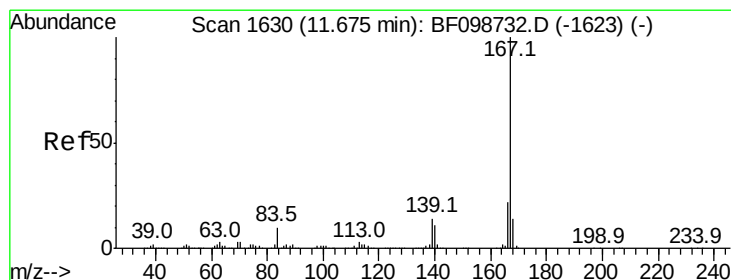
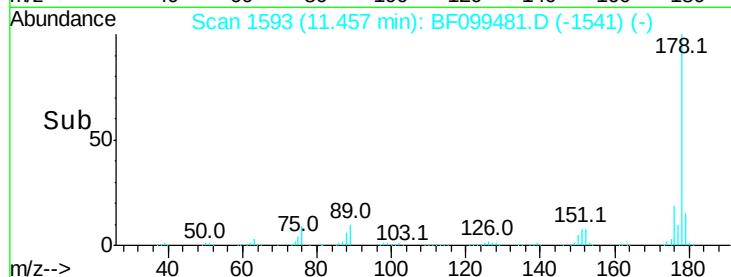
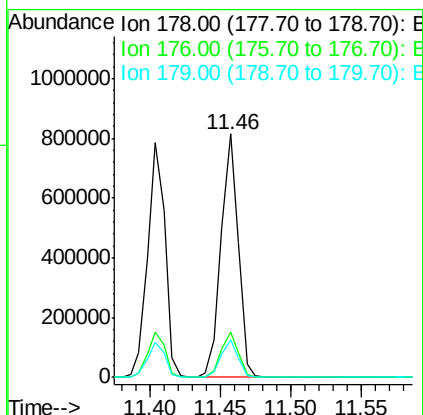
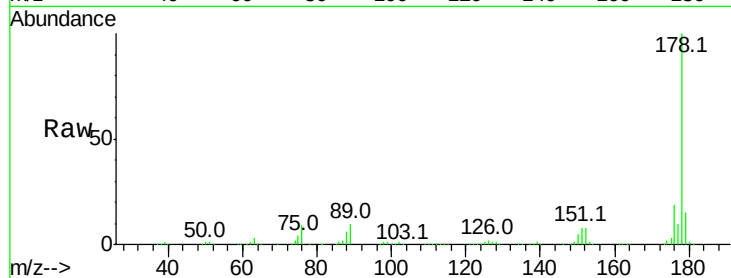




#71
 Anthracene
 Concen: 39.844 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

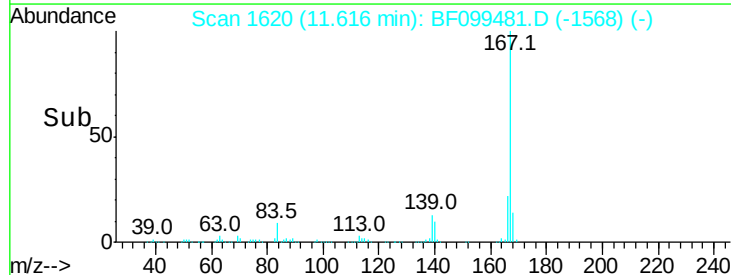
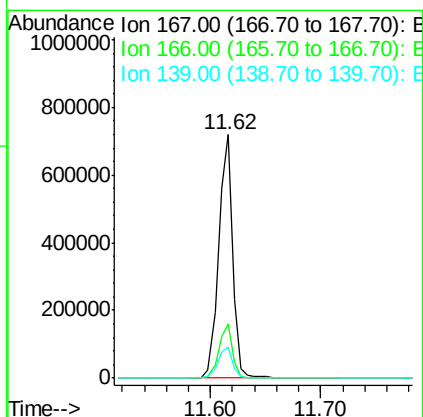
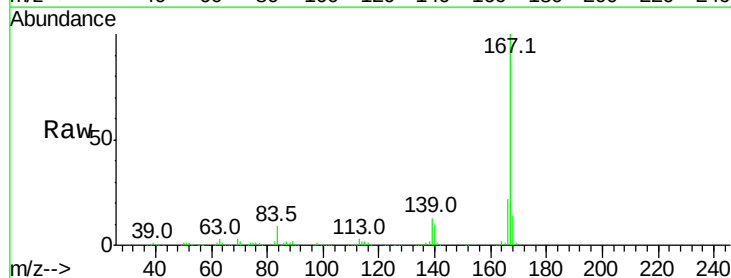
Instrument :
 BNA_F
 ClientSampleId :

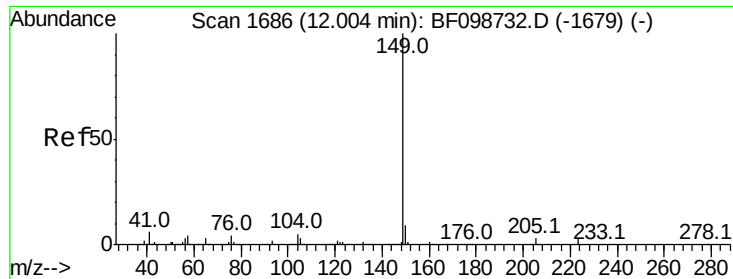
Tot Ion:178 Resp: 693394
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 37.258 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion:167 Resp: 634942
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.6 10.9 16.3

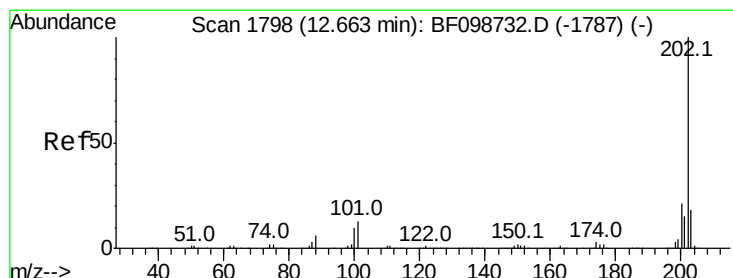
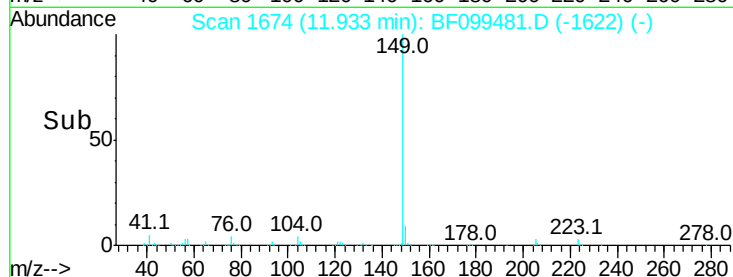
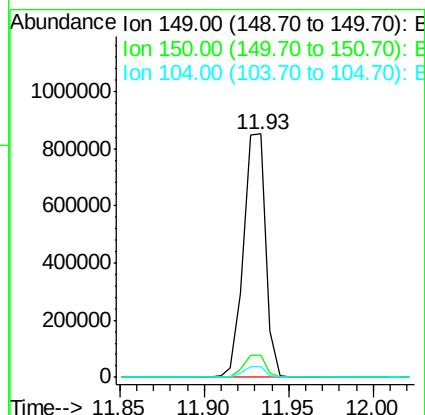
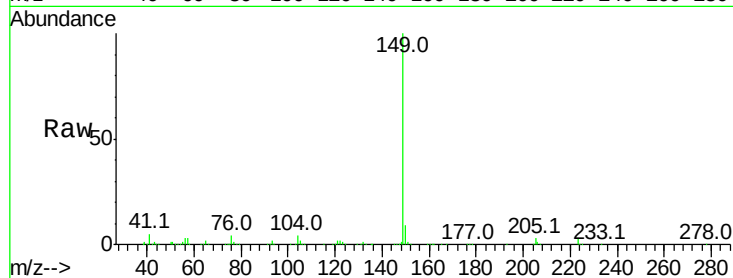




#73
Di-n-butylphthalate
Concen: 37.922 ng
RT: 11.93 min Scan# 1674
Delta R.T. 0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

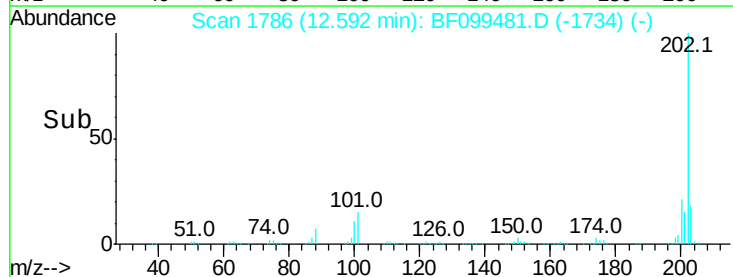
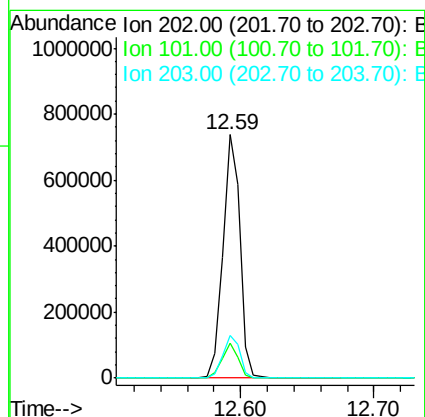
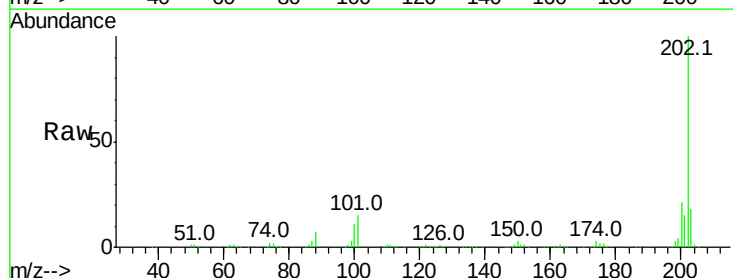
Instrument :
BNA_F
ClientSampleId :

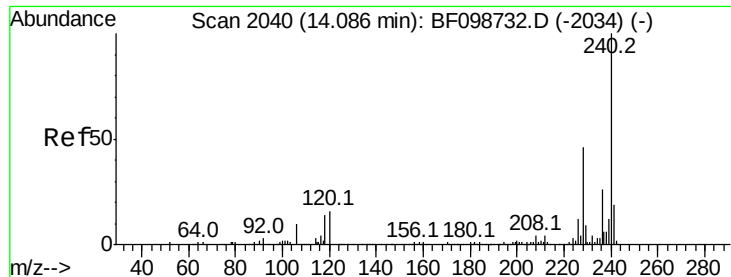
Tot Ion:149 Resp: 777896
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.6
104 4.1 3.8 5.8



#74
Fluoranthene
Concen: 38.780 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion:202 Resp: 667899
Ion Ratio Lower Upper
202 100
101 14.6 0.0 34.1
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

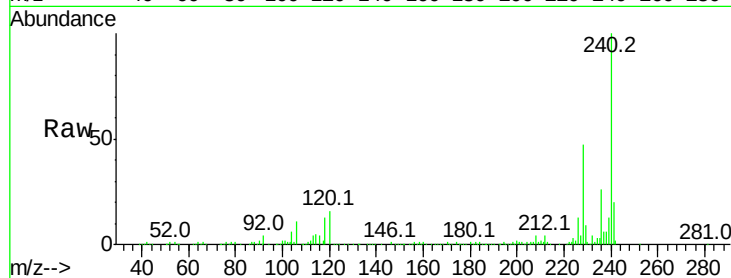
Tot Ion:240 Resp: 196839

Ion Ratio Lower Upper

240 100

120 16.1 9.5 14.3#

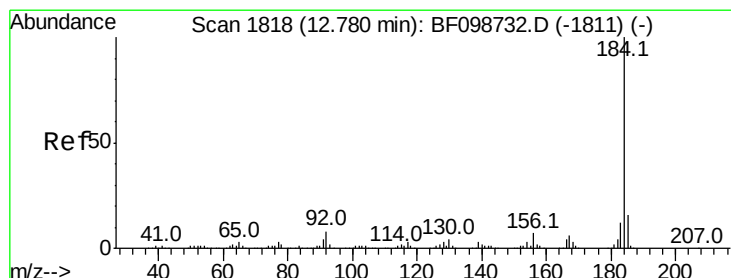
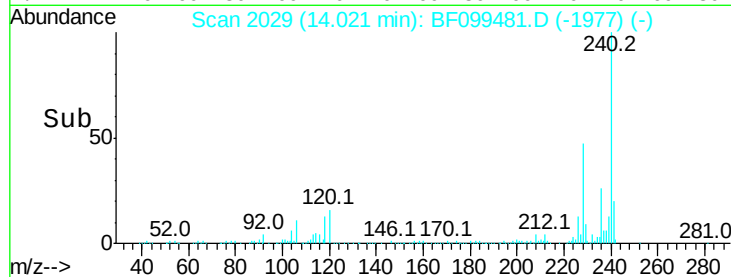
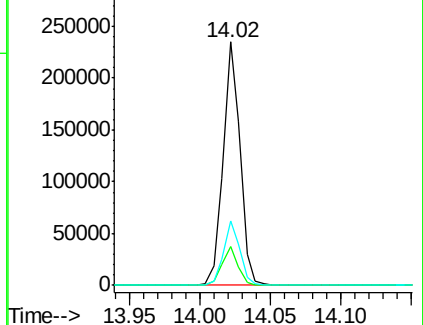
236 26.3 20.7 31.1



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: 31.710 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

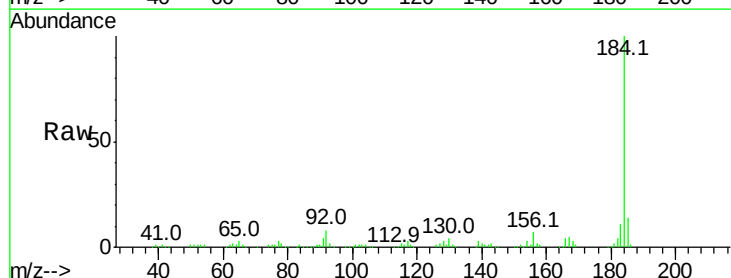
Tgt Ion:184 Resp: 230860

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

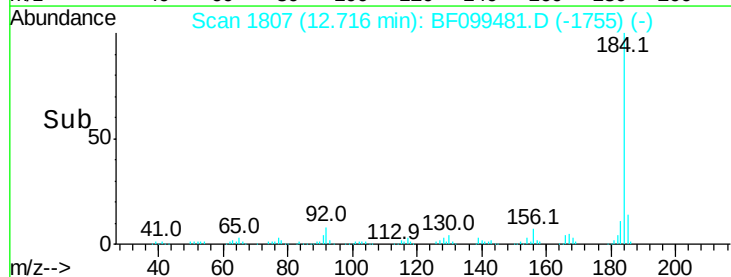
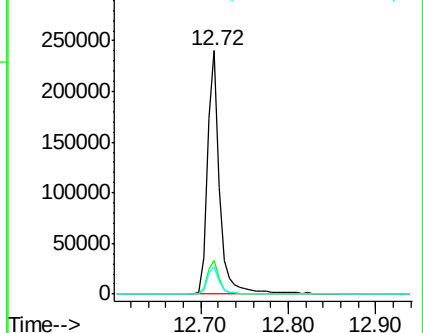
183 11.4 9.3 13.9

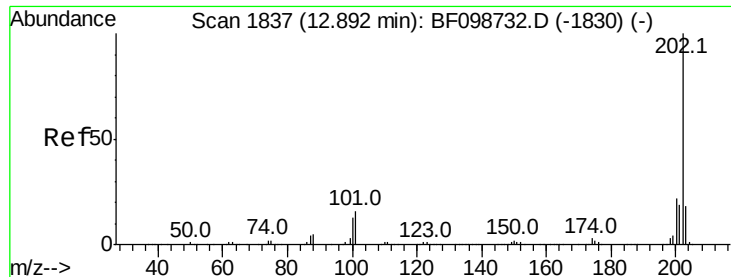


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.916 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

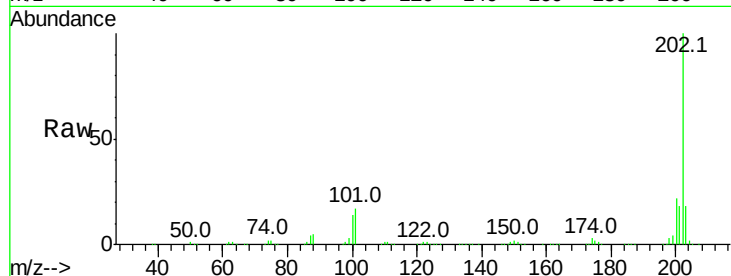
Tot Ion:202 Resp: 674171

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

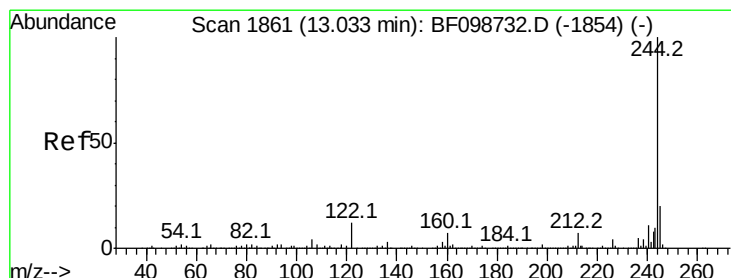
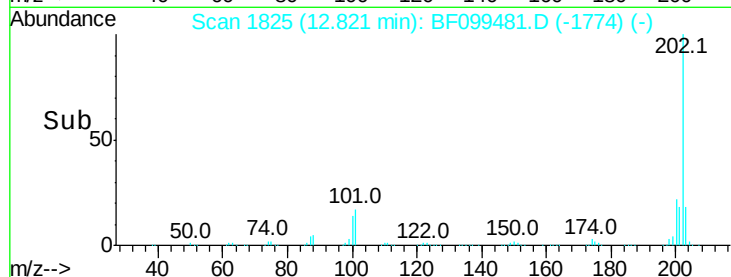
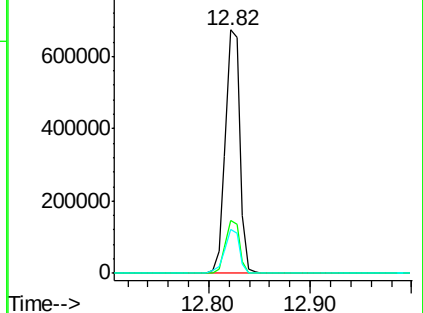
203 18.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.155 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

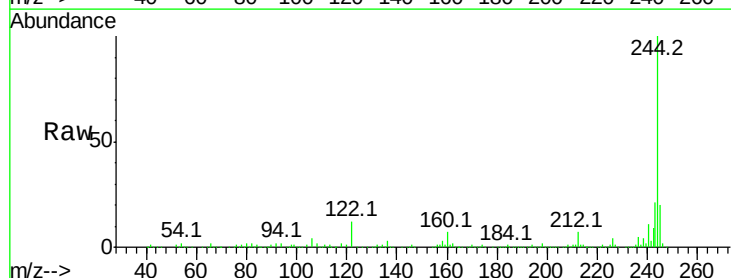
Tgt Ion:244 Resp: 771662

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

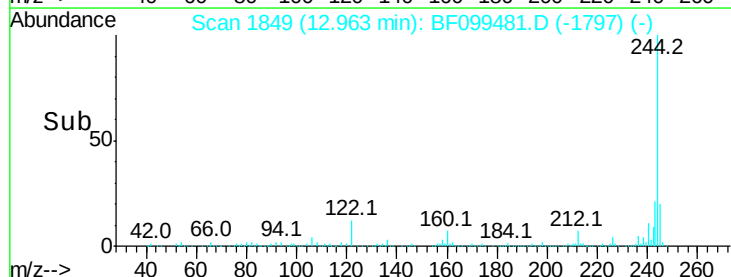
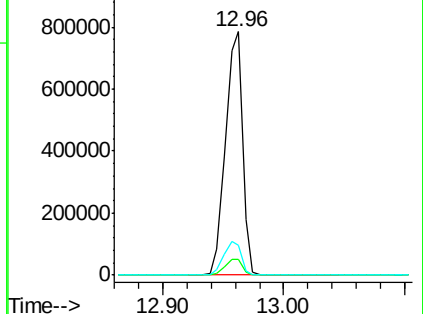
122 12.5 11.0 16.4

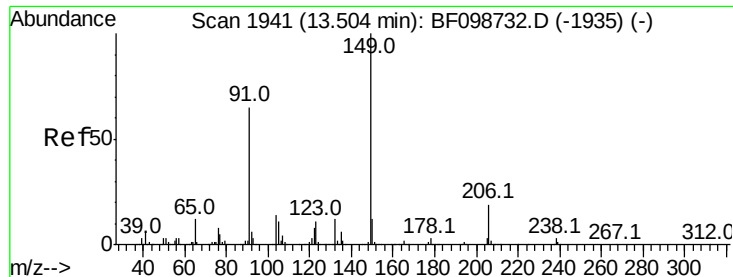


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.180 ng

RT: 13.43 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

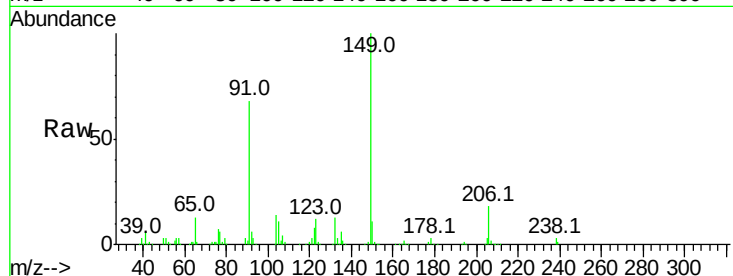
Tot Ion:149 Resp: 297548

Ion Ratio Lower Upper

149 100

91 68.3 56.8 85.2

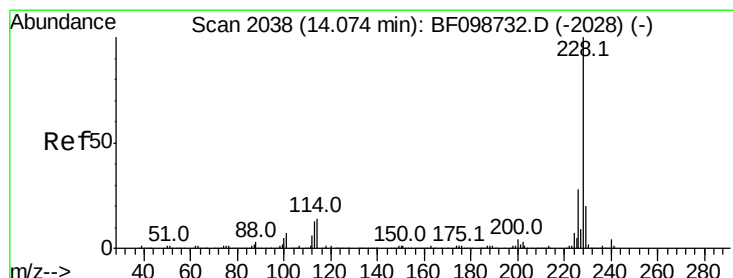
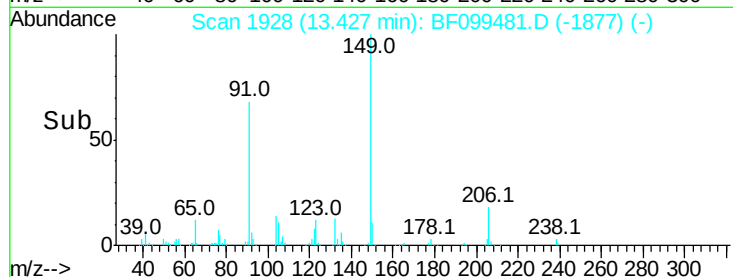
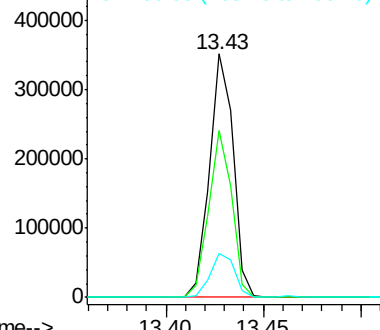
206 17.9 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.682 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

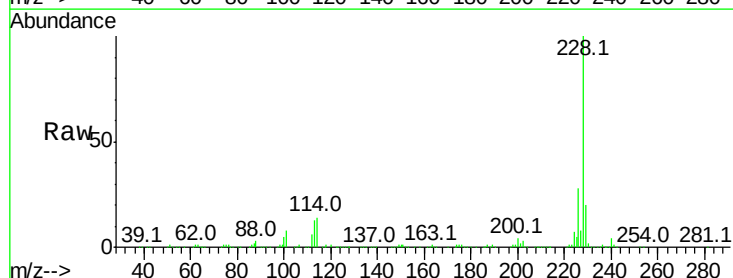
Tgt Ion:228 Resp: 472974

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

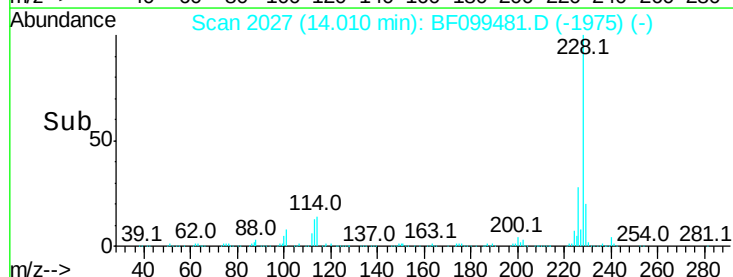
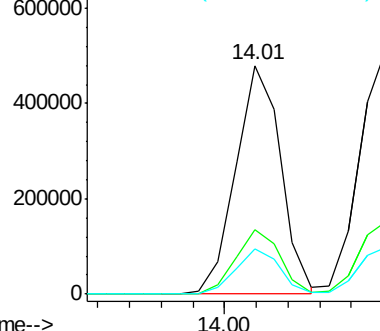
229 20.1 15.8 23.6

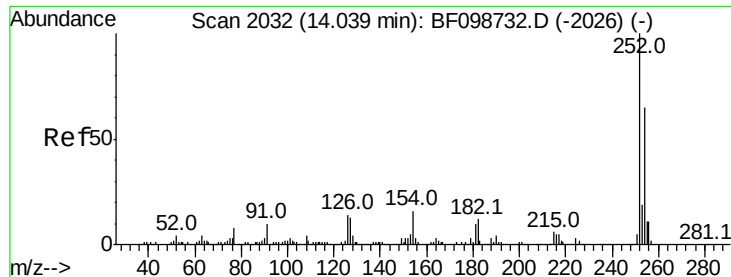


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

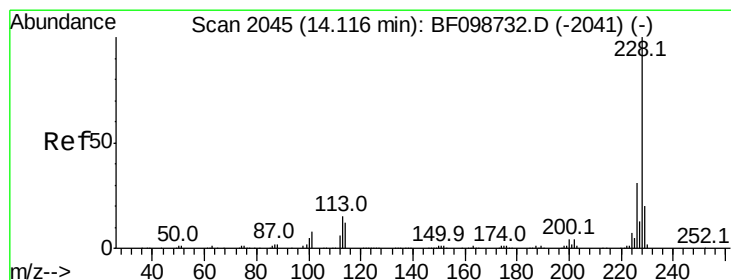
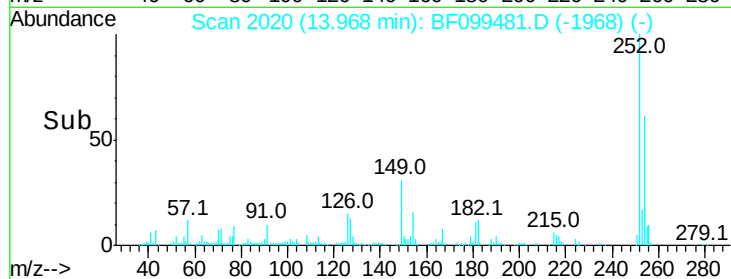
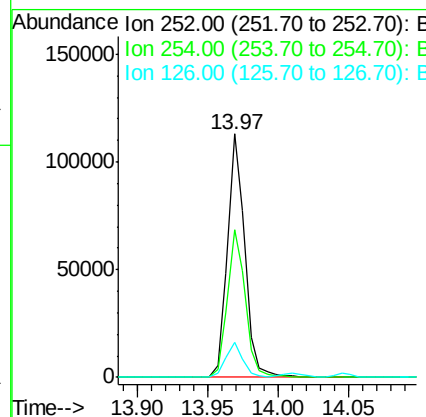
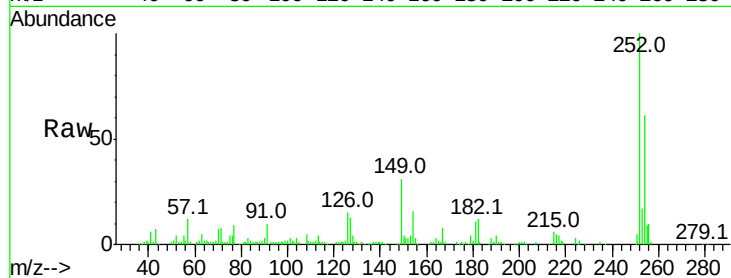




#81
 3,3'-Dichlorobenzidine
 Concen: 22.255 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

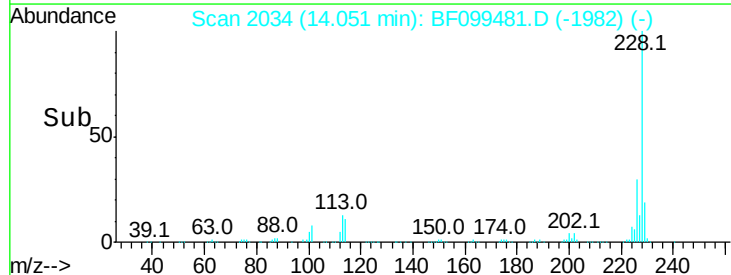
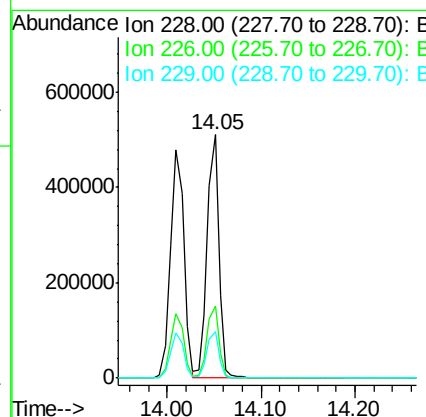
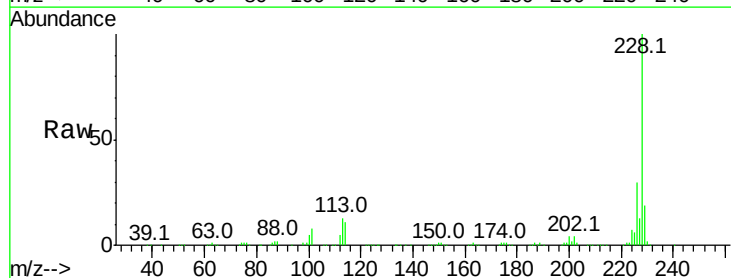
Instrument :
 BNA_F
 ClientSampleId :

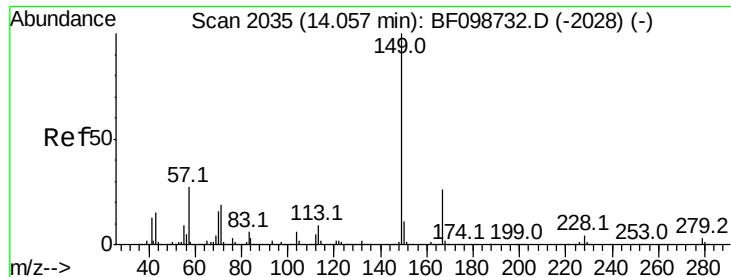
Tot Ion:252 Resp: 97242
 Ion Ratio Lower Upper
 252 100
 254 60.8 50.4 75.6
 126 14.5 11.3 16.9



#82
 Chrysene
 Concen: 39.884 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion:228 Resp: 452588
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.0 37.6
 229 19.3 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.171 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

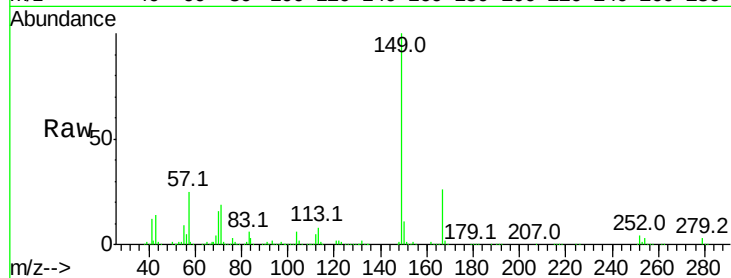
Tot Ion:149 Resp: 380476

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

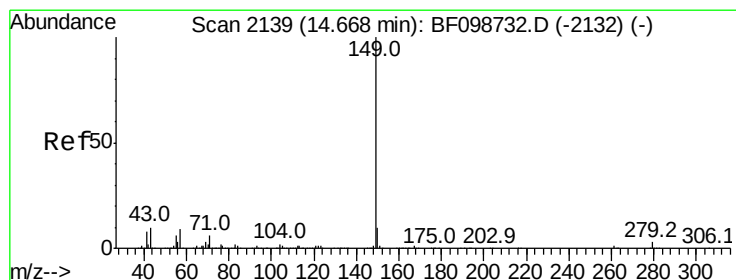
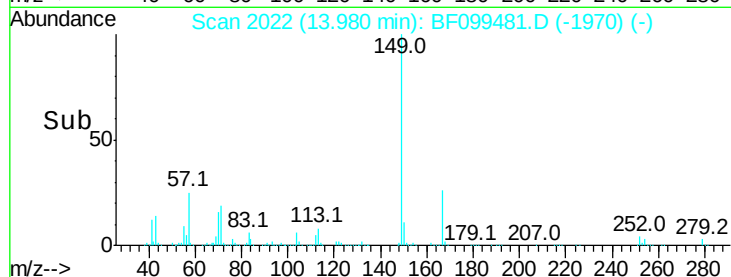
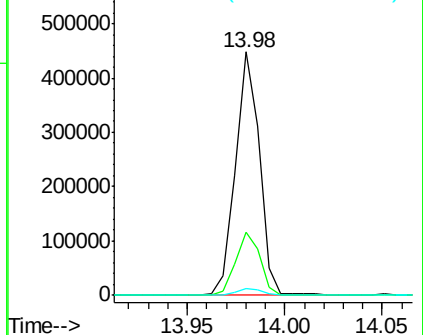
279 2.7 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.278 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

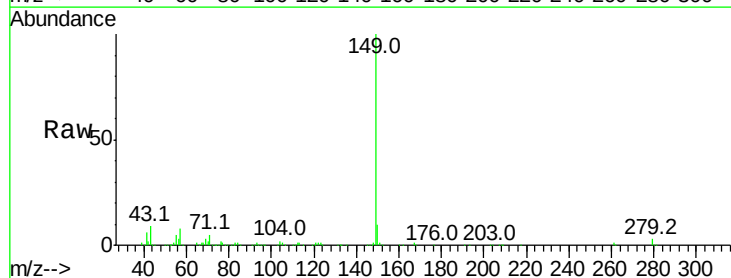
Tgt Ion:149 Resp: 536128

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

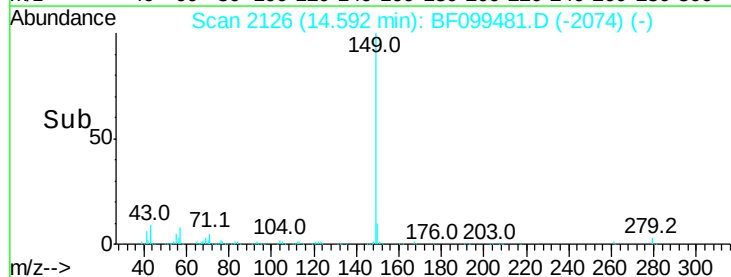
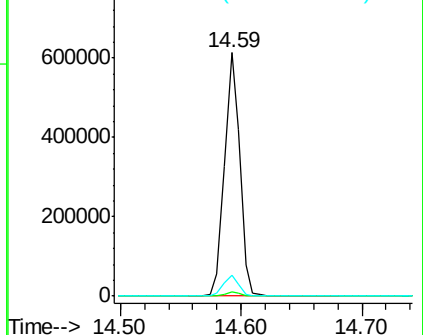
43 8.5 8.4 12.6

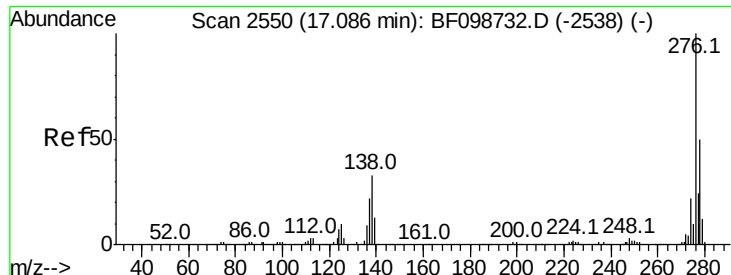


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

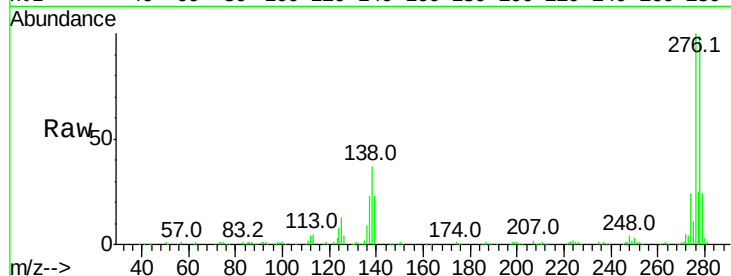




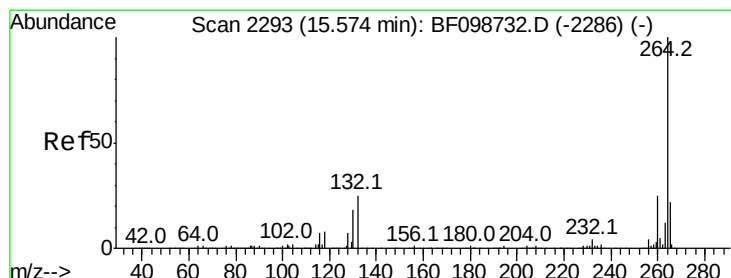
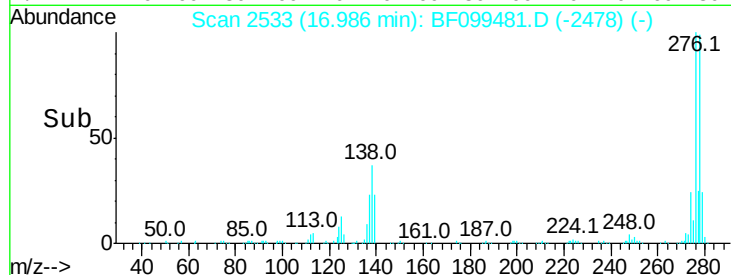
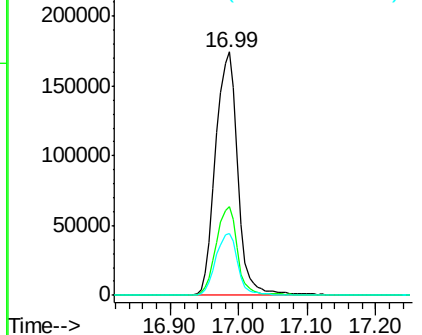
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.573 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.02 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.1	25.0	37.6
277	25.2	20.1	30.1

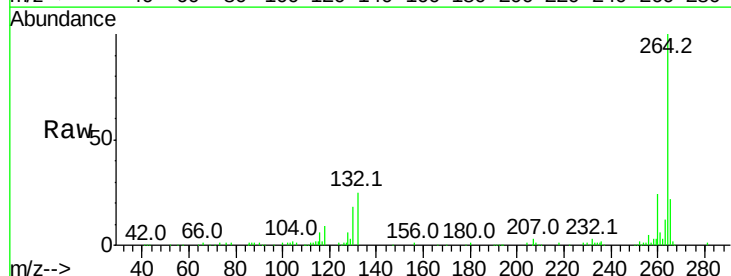


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

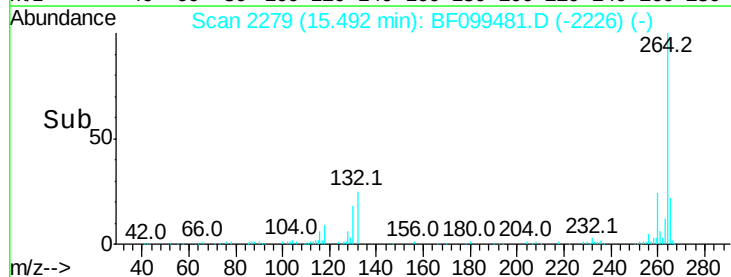
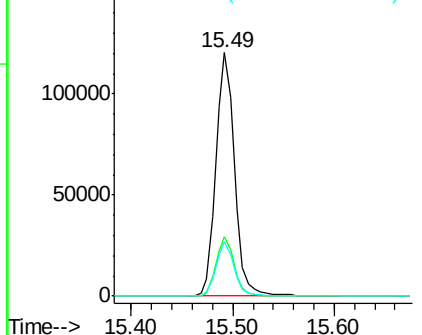


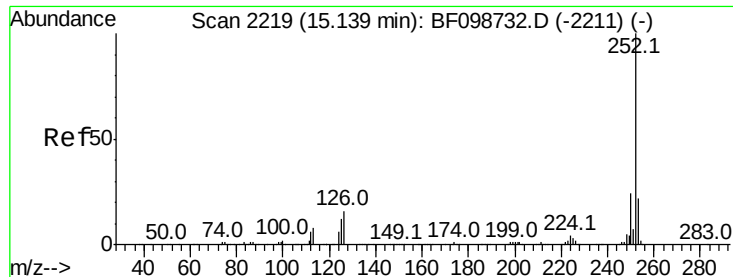
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	17.5	26.3



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

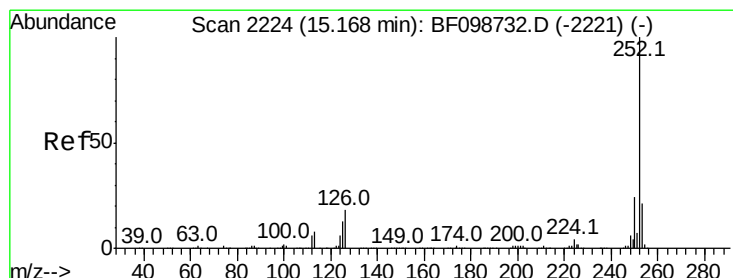
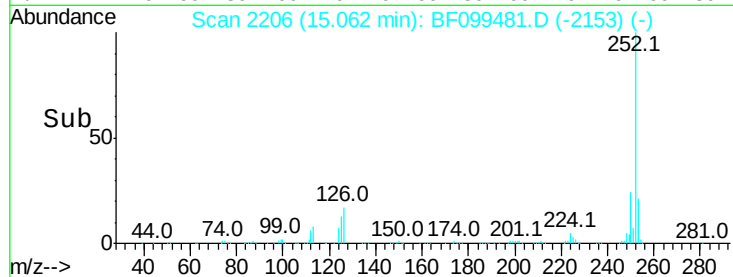
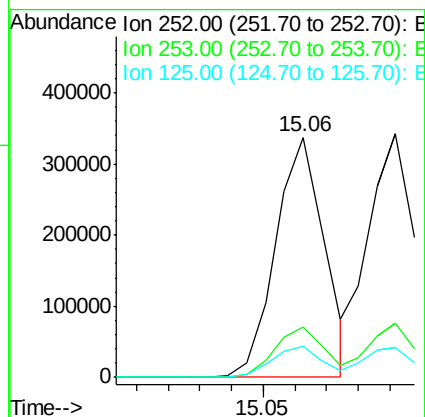
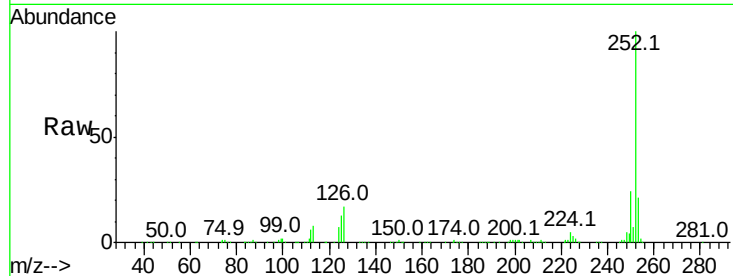




#87
Benzo(b)fluoranthene
Concen: 38.102 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

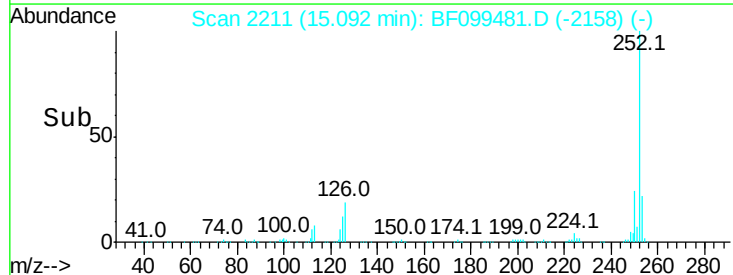
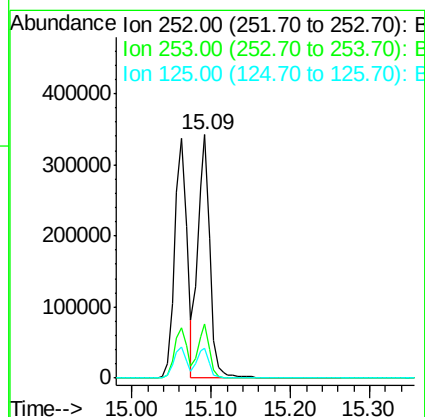
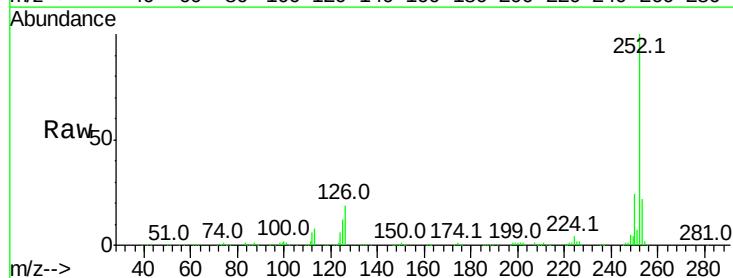
Instrument :
BNA_F
ClientSampleId :

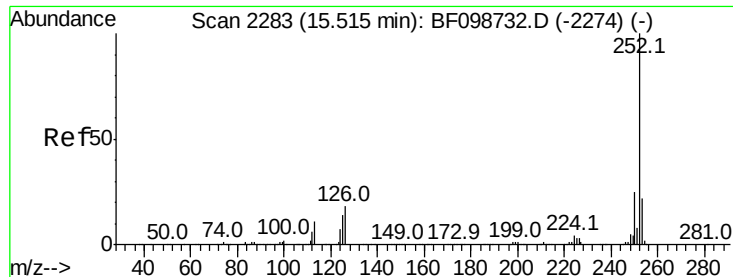
Tot Ion:252 Resp: 360564
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.6
125 12.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.249 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion:252 Resp: 366847
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 12.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.881 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

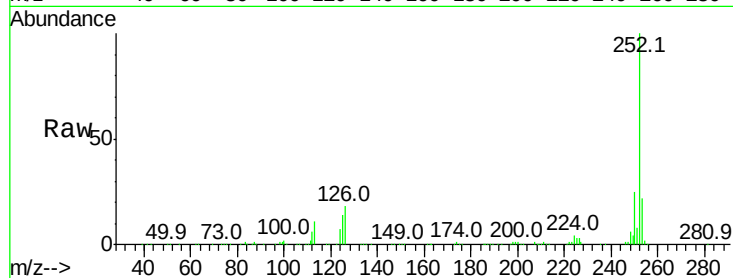
Tot Ion:252 Resp: 346424

Ion Ratio Lower Upper

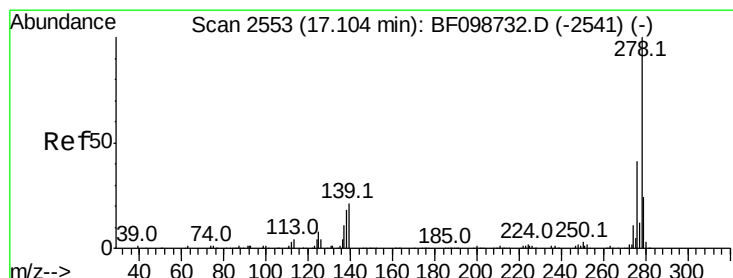
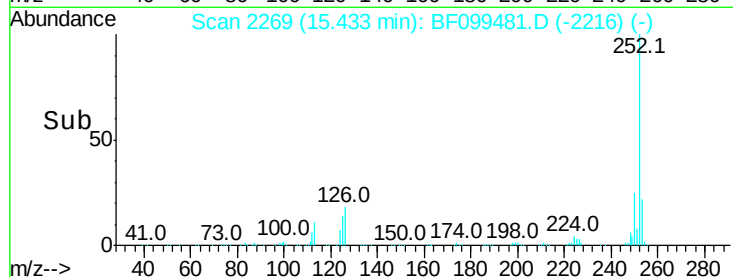
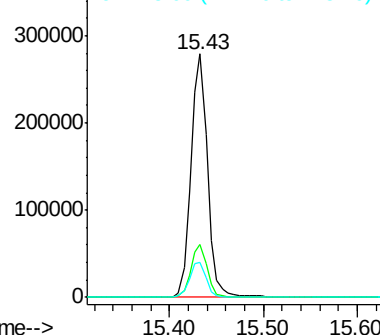
252 100

253 21.6 17.1 25.7

125 14.5 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: 47.281 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.02 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

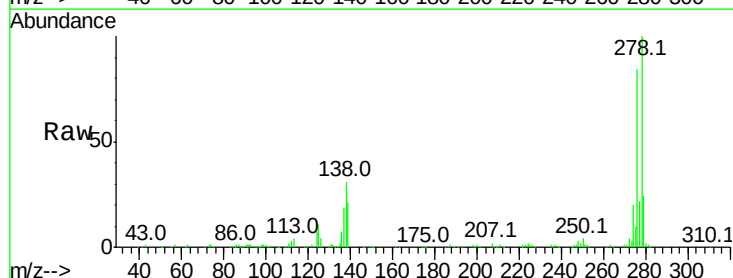
Tgt Ion:278 Resp: 328685

Ion Ratio Lower Upper

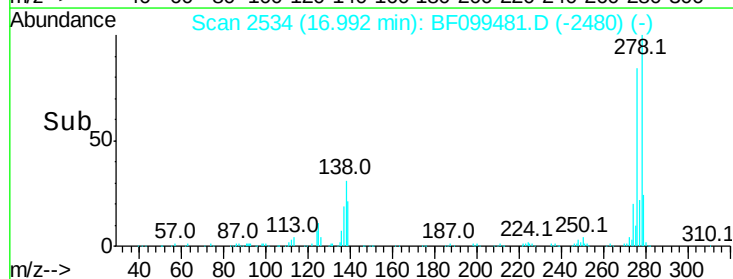
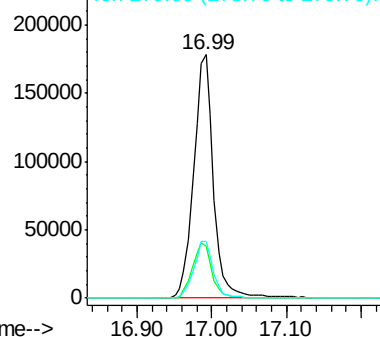
278 100

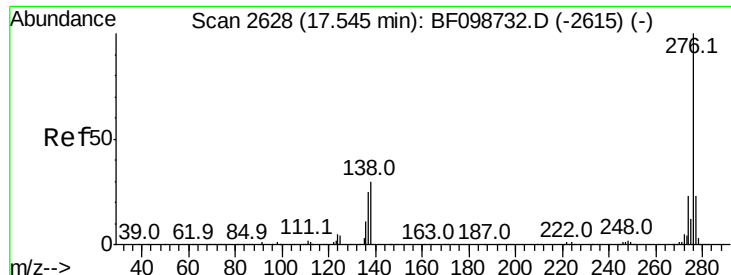
139 21.3 15.9 23.9

279 23.5 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: 50.363 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.02 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

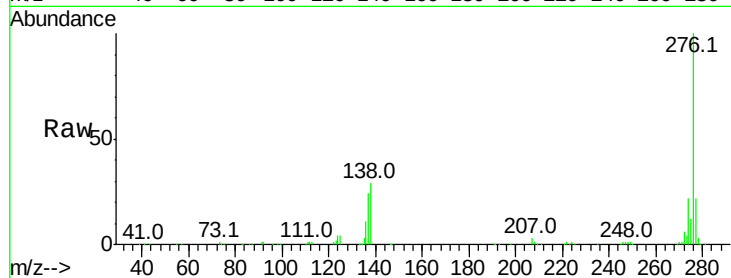
Tot Ion:276 Resp: 346079

Ion Ratio Lower Upper

276 100

277 22.0 17.9 26.9

138 29.3 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

