

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010218\
 Data File : BF101842.D
 Acq On : 2 Jan 2018 11:10
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 02 13:08:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	148129	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	580518	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	260999	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	520966	20.00	ng	0.00
75) Chrysene-d12	13.97	240	377220	20.00	ng	0.00
86) Perylene-d12	15.43	264	347492	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	807131	81.16	ng	0.00
7) Phenol-d6	6.43	99	899762	72.70	ng	0.00
23) Nitrobenzene-d5	7.36	82	803502	77.05	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	221960	88.26	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1287880	76.54	ng	0.00
78) Terphenyl-d14	12.89	244	1256748	80.32	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.46	88	177754	34.787	ng	95
3) Pyridine	3.22	79	489630	34.489	ng	98
4) n-Nitrosodimethylamine	3.19	42	228055	34.889	ng	100
6) Aniline	6.45	93	605743	35.220	ng	# 81
8) 2-Chlorophenol	6.57	128	403222	38.546	ng	98
9) Benzaldehyde	6.35	77	416791	45.600	ng	96
10) Phenol	6.45	94	498242	35.322	ng	# 55
11) bis(2-Chloroethyl)ether	6.52	93	411295	37.172	ng	97
12) 1,3-Dichlorobenzene	6.72	146	461365	39.078	ng	98
13) 1,4-Dichlorobenzene	6.80	146	476000	39.481	ng	97
14) 1,2-Dichlorobenzene	6.95	146	410734	37.848	ng	96
15) Benzyl Alcohol	6.94	79	308375	36.201	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	602314	35.569	ng	# 29
17) 2-Methylphenol	7.05	107	347460	36.109	ng	# 90
18) Hexachloroethane	7.28	117	160039	38.180	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	288581	35.506	ng	95
20) 3+4-Methylphenols	7.21	107	438832	43.037	ng	# 80
22) Acetophenone	7.20	105	516121	38.964	ng	# 93
24) Nitrobenzene	7.37	77	437938	37.943	ng	99
25) Isophorone	7.61	82	769556	36.785	ng	99
26) 2-Nitrophenol	7.69	139	223683	45.110	ng	94
27) 2,4-Dimethylphenol	7.73	122	320647	38.064	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	495245	37.267	ng	99
29) 2,4-Dichlorophenol	7.94	162	348582	41.884	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	340814	38.805	ng	96
31) Naphthalene	8.09	128	1099591	37.624	ng	99
32) Benzoic acid	7.91	122	255053	45.443	ng	98
33) 4-Chloroaniline	8.15	127	488266	38.439	ng	98
34) Hexachlorobutadiene	8.19	225	205095	40.375	ng	99
35) Caprolactam	8.53	113	62764	21.719	ng	94
36) 4-Chloro-3-methylphenol	8.64	107	362424	39.621	ng	98
37) 2-Methylnaphthalene	8.77	142	709666	37.271	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	354552	40.235	ng	97
40) Hexachlorocyclopentadiene	8.92	237	36091	34.139	ng	98

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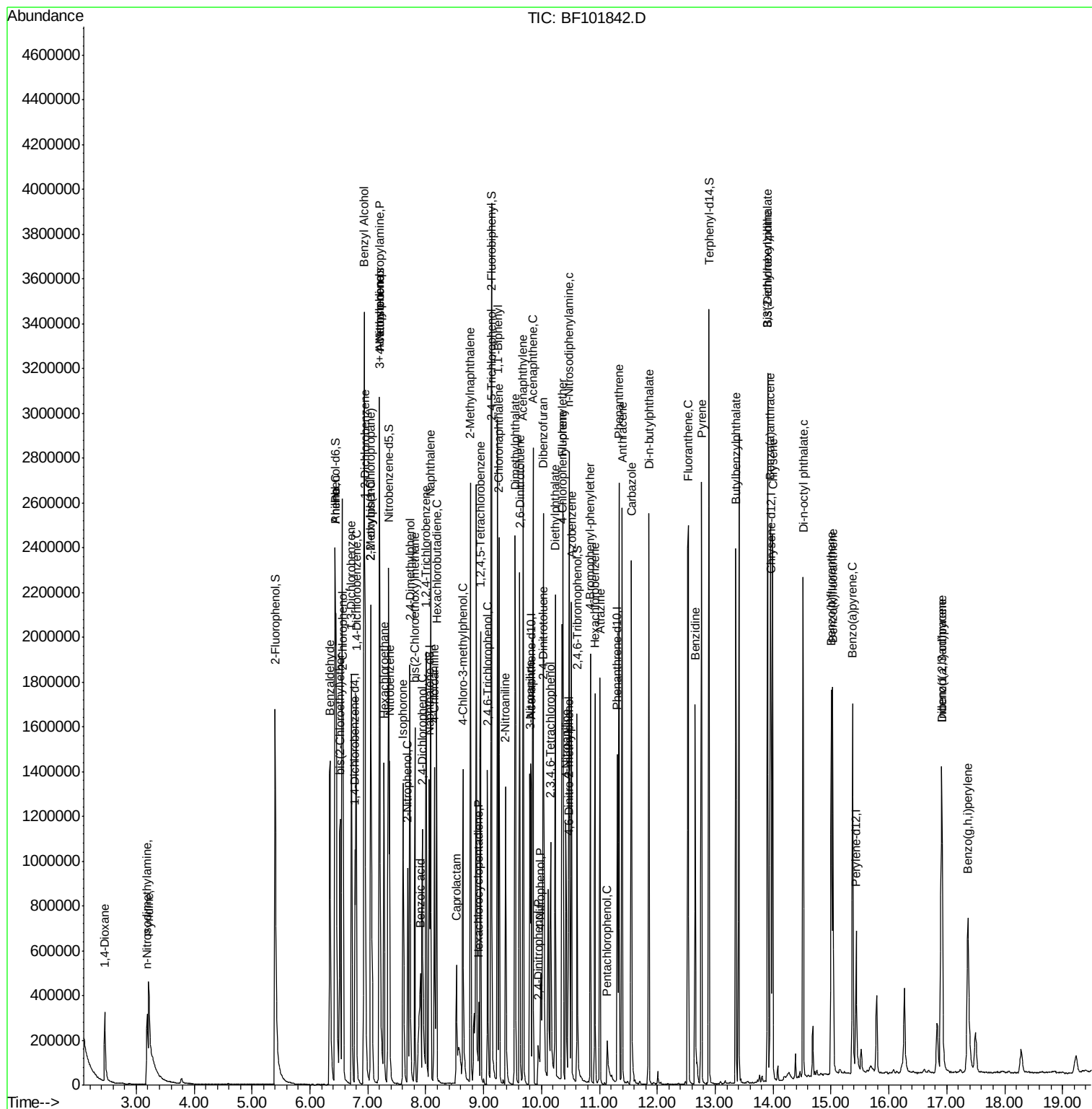
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	219345	41.346	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	210473	36.234	nq	97
45) 1,1'-Biphenyl	9.24	154	887554	38.345	nq	99
46) 2-Chloronaphthalene	9.27	162	681593	38.485	nq	98
47) 2-Nitroaniline	9.38	65	245306	40.094	nq	92
48) Acenaphthylene	9.68	152	1058393	37.835	nq	100
49) Dimethylphthalate	9.55	163	797296	37.978	nq	99
50) 2,6-Dinitrotoluene	9.62	165	171295	40.146	nq	# 82
51) Acenaphthene	9.85	154	636003	37.842	nq	99
52) 3-Nitroaniline	9.80	138	222505	41.827	nq	98
53) 2,4-Dinitrophenol	9.94	184	81270	57.952	nq	# 18
54) Dibenzofuran	10.03	168	916066	42.890	nq	98
55) 4-Nitrophenol	9.99	139	86857	37.444	nq	95
56) 2,4-Dinitrotoluene	10.04	165	243351	50.621	nq	# 98
57) Fluorene	10.37	166	746970	41.342	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	177240	42.470	nq	# 83
59) Diethylphthalate	10.24	149	813808	39.145	nq	96
60) 4-Chlorophenyl-phenylether	10.36	204	363882	42.022	nq	90
61) 4-Nitroaniline	10.42	138	214248	40.068	nq	95
62) Azobenzene	10.52	77	785269	36.462	nq	97
64) 4,6-Dinitro-2-methylphenol	10.46	198	122660	46.138	nq	84
65) n-Nitrosodiphenylamine	10.48	169	706322	36.718	nq	96
66) 4-Bromophenyl-phenylether	10.85	248	226604	38.711	nq	# 87
67) Hexachlorobenzene	10.92	284	238979	38.574	nq	93
68) Atrazine	11.01	200	217606	37.938	nq	98
69) Pentachlorophenol	11.13	266	59869	29.370	nq	99
70) Phenanthrene	11.34	178	1051372	36.290	nq	99
71) Anthracene	11.39	178	1097455	37.084	nq	100
72) Carbazole	11.55	167	1043317	37.655	nq	99
73) Di-n-butylphthalate	11.86	149	1285693	38.231	nq	100
74) Fluoranthene	12.53	202	1116611	36.719	nq	98
76) Benzidine	12.65	184	752361	47.223	nq	100
77) Pyrene	12.76	202	1146382	40.494	nq	100
79) Butylbenzylphthalate	13.36	149	528158	41.231	nq	99
80) Benzo(a)anthracene	13.96	228	934024	37.498	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	294751	36.291	nq	# 98
82) Chrysene	13.99	228	875494	37.226	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	632671	38.994	nq	100
84) Di-n-octyl phthalate	14.52	149	1128728	39.008	nq	99
85) Indeno(1,2,3-cd)pyrene	16.92	276	767388	36.642	nq	97
87) Benzo(b)fluoranthene	15.01	252	811180	38.299	nq	99
88) Benzo(k)fluoranthene	15.03	252	758262	36.821	nq	97
89) Benzo(a)pyrene	15.37	252	724961	37.129	nq	98
90) Dibenzo(a,h)anthracene	16.91	278	644813	38.464	nq	98
91) Benzo(g,h,i)perylene	17.37	276	666097	40.126	nq	95

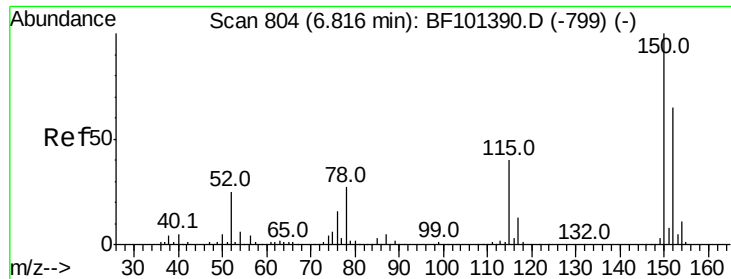
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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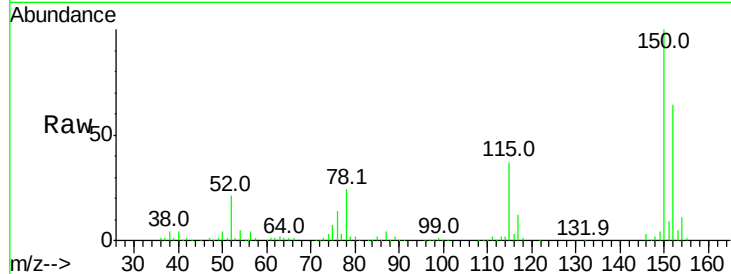


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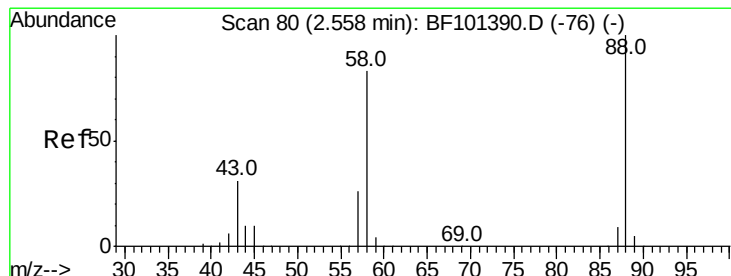
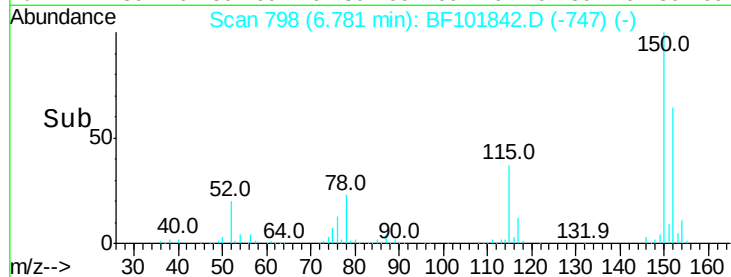
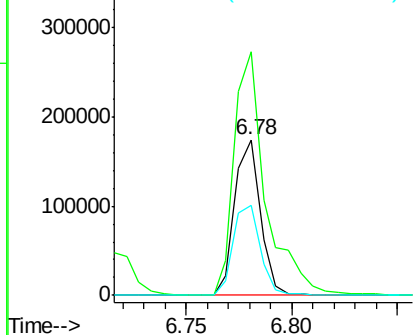
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 148129
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 57.7 50.1 75.1



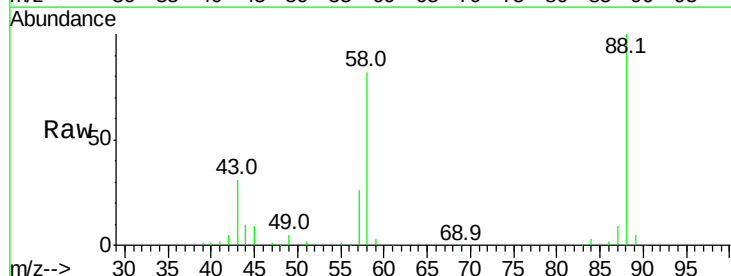
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



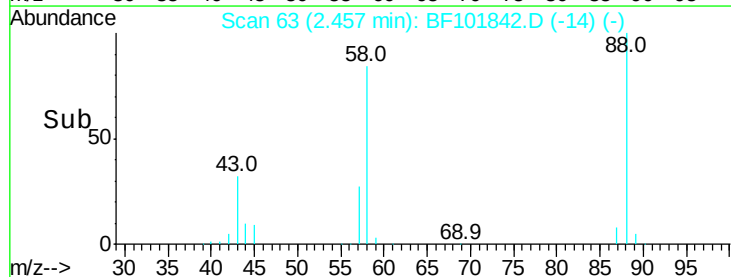
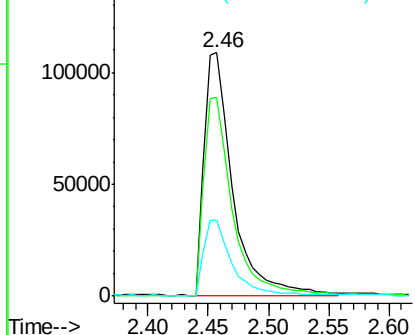
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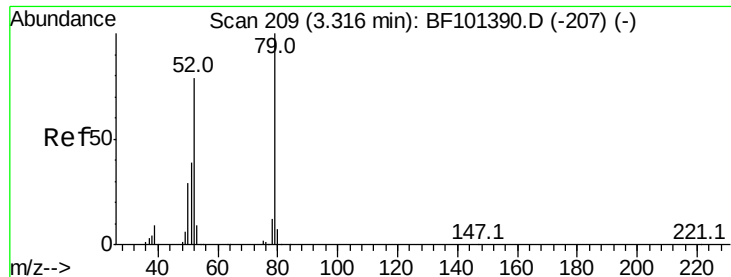
1,4-Dioxane
Concen: 34.787 ng
RT: 2.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Tgt Ion: 88 Resp: 177754
Ion Ratio Lower Upper
88 100
58 83.7 62.6 93.8
43 31.8 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

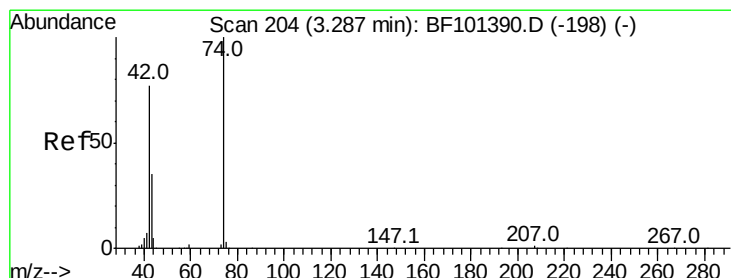
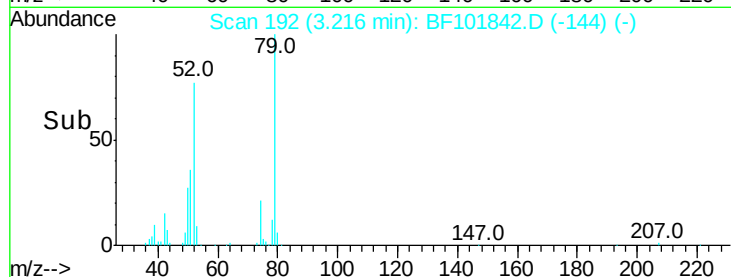
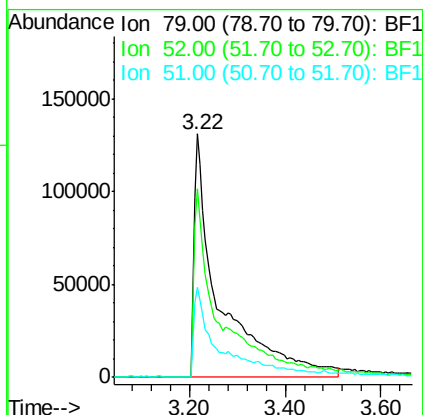
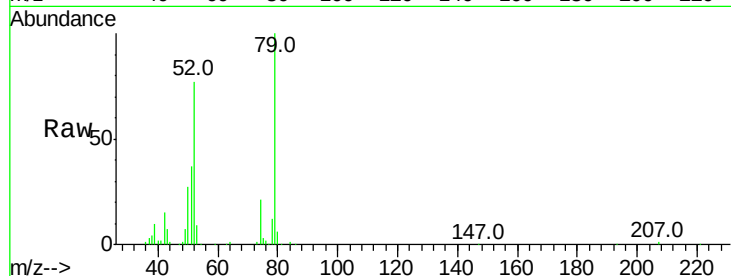




#3
 Pvridine
 Concen: 34.489 ng
 RT: 3.22 min Scan# 192
 Delta R.T. -0.02 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

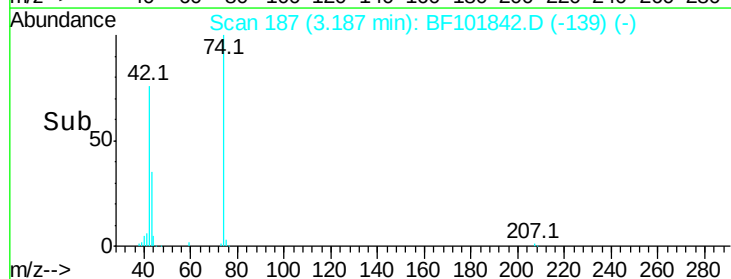
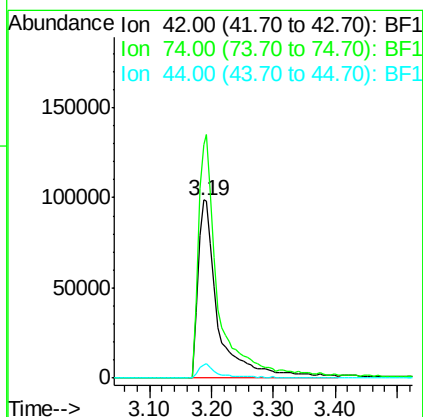
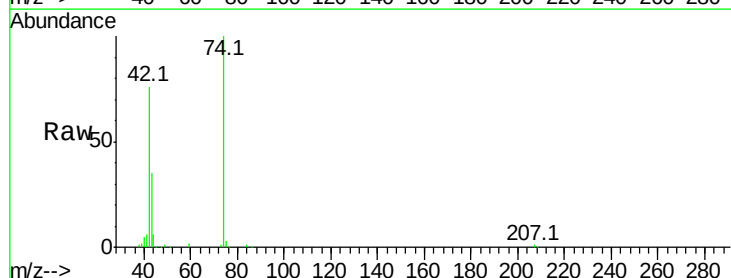
Instrument :
 BNA_F
 ClientSampleId :

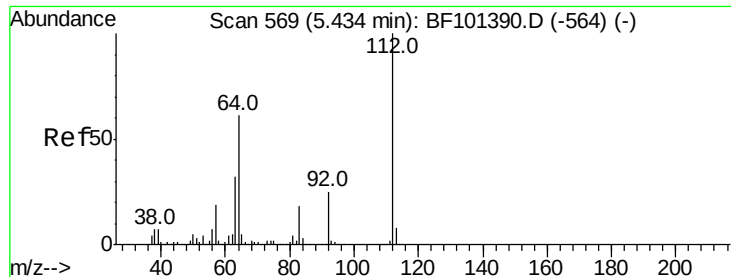
Tot Ion: 79 Resp: 489630
 Ion Ratio Lower Upper
 79 100
 52 77.3 59.8 89.6
 51 36.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 34.889 ng
 RT: 3.19 min Scan# 187
 Delta R.T. -0.02 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

Tgt Ion: 42 Resp: 228055
 Ion Ratio Lower Upper
 42 100
 74 130.9 104.9 157.3
 44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 81.165 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Instrument :

BNA_F

ClientSampleId :

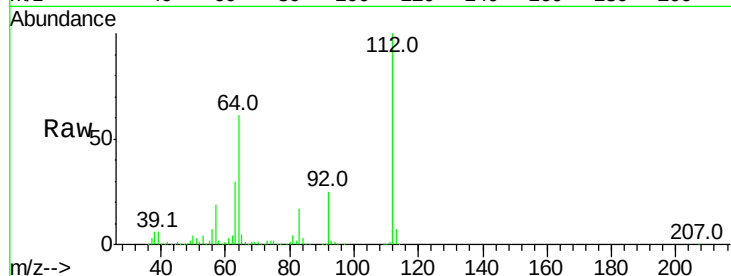
Tot Ion:112 Resp: 807131

Ion Ratio Lower Upper

112 100

64 60.7 47.9 71.9

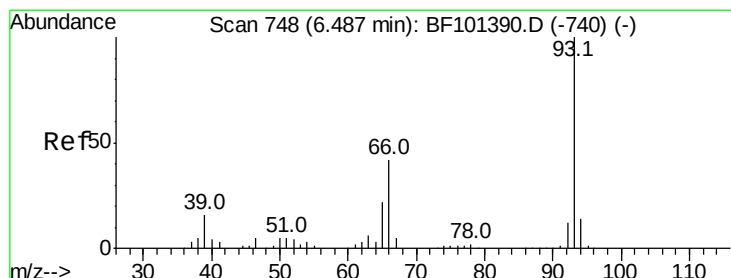
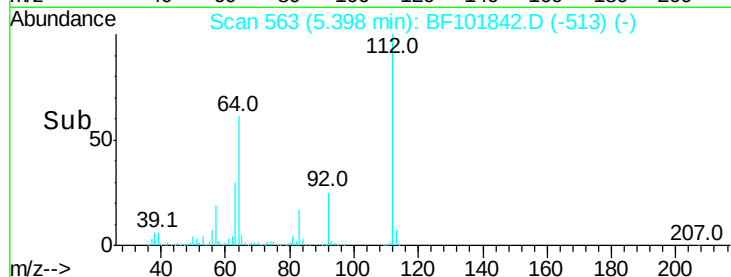
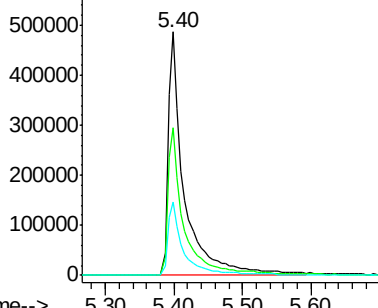
63 29.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.220 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

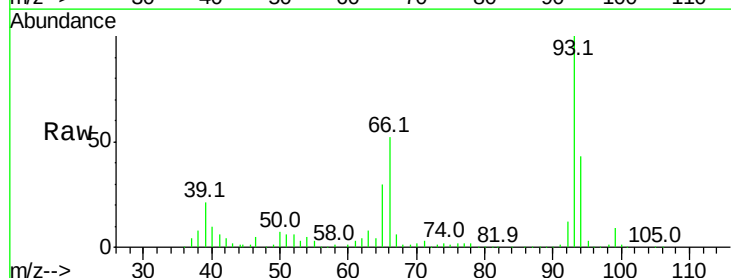
Tgt Ion: 93 Resp: 605743

Ion Ratio Lower Upper

93 100

66 51.6 32.2 48.2#

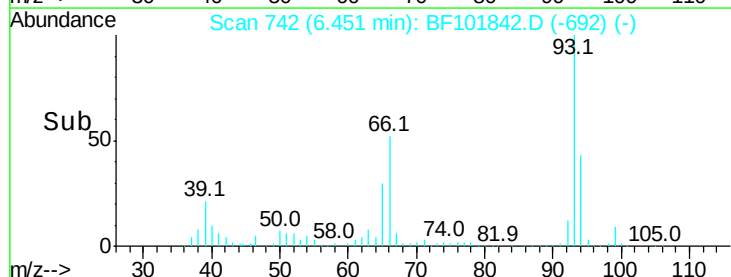
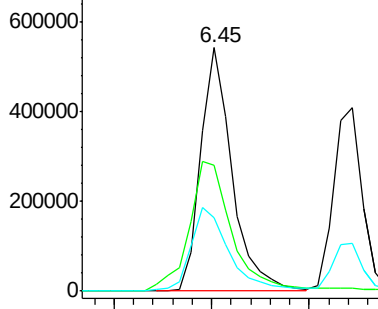
65 29.9 16.4 24.6#

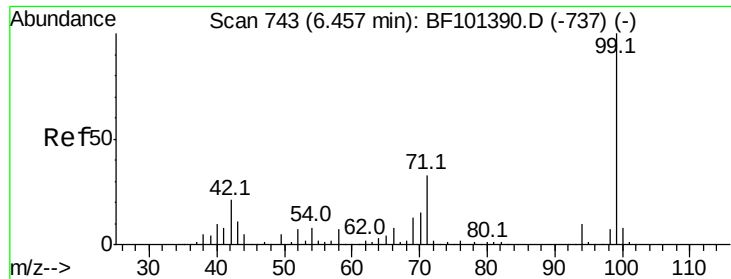


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.701 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Instrument :

BNA_F

ClientSampled :

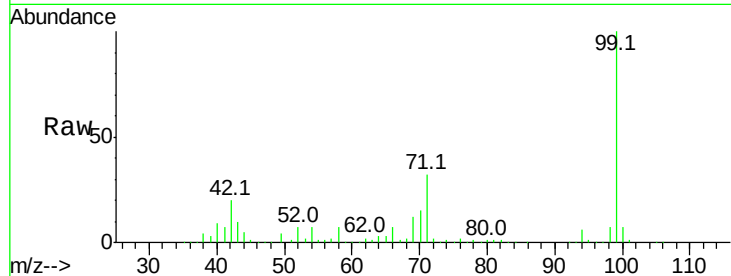
Tot Ion: 99 Resp: 899762

Ion Ratio Lower Upper

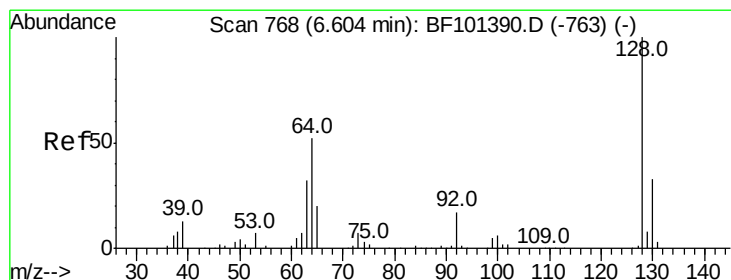
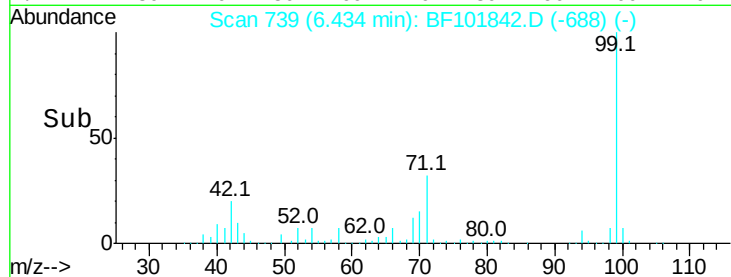
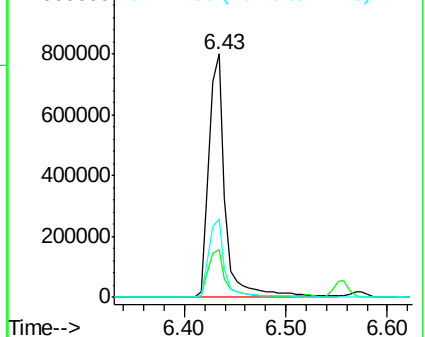
99 100

42 19.6 14.5 21.7

71 32.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.546 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

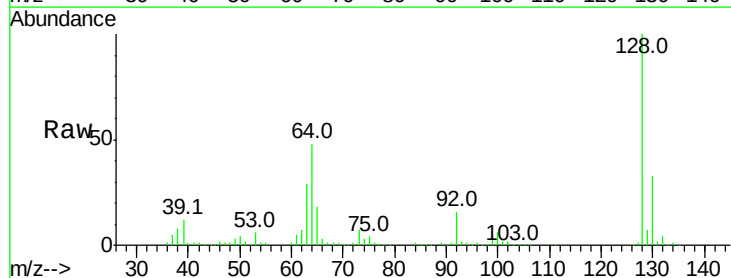
Tgt Ion: 128 Resp: 403222

Ion Ratio Lower Upper

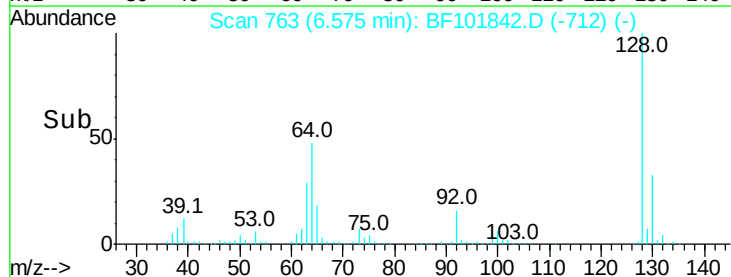
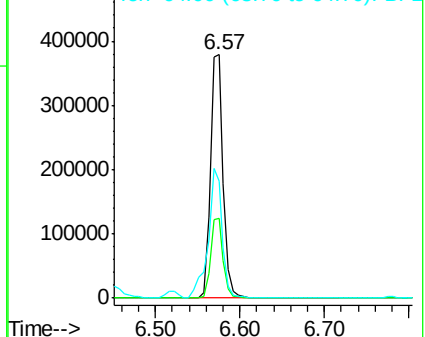
128 100

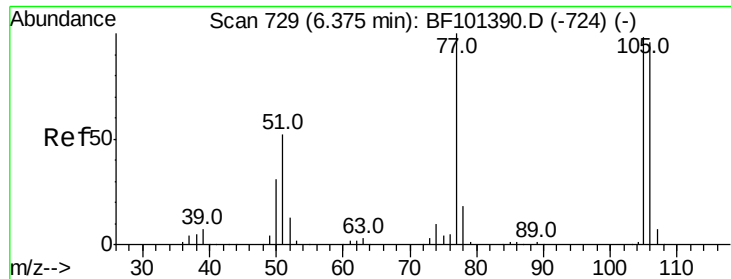
130 32.6 13.0 53.0

64 47.9 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): BF1

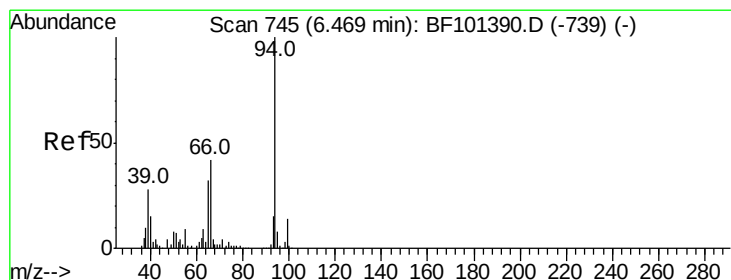
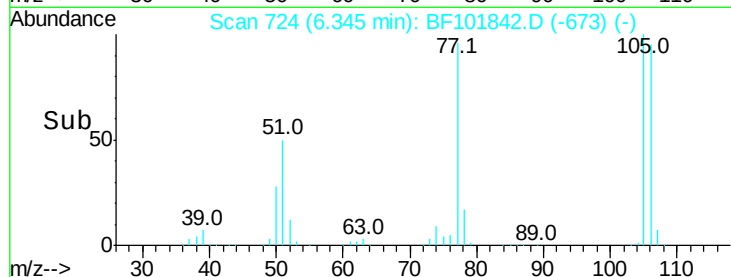
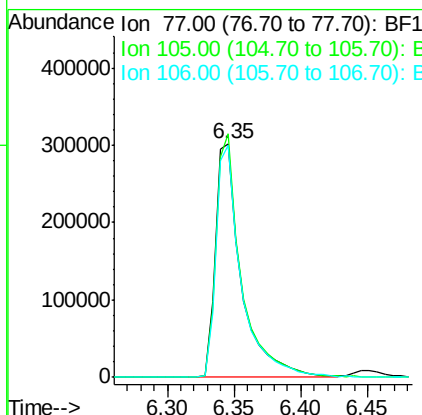
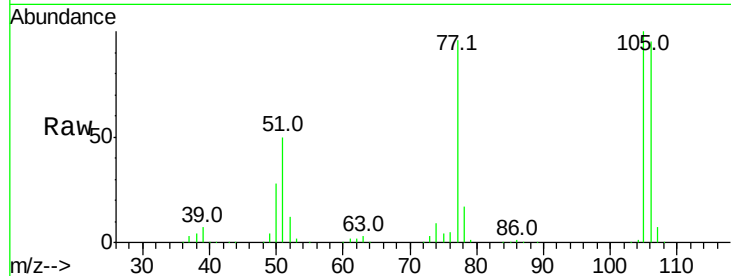




#9
Benzaldehyde
Concen: 45.600 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF101842.D
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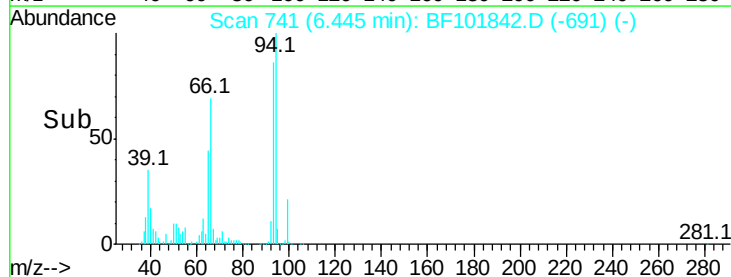
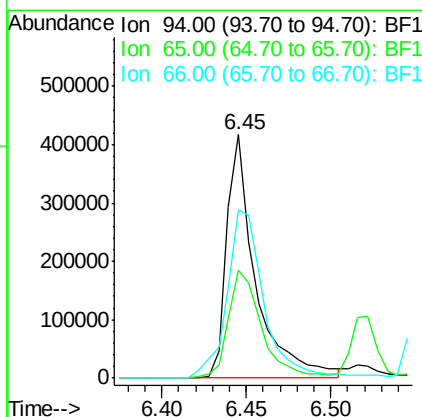
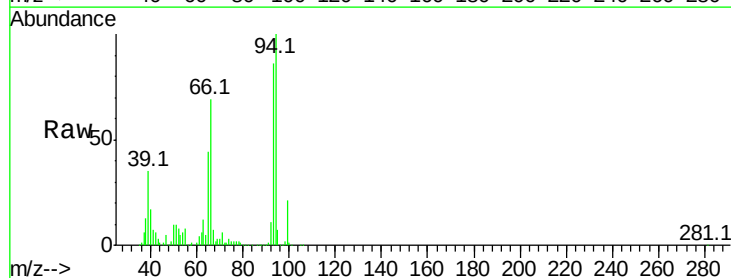
Instrument :
BNA_F
ClientSampleId :

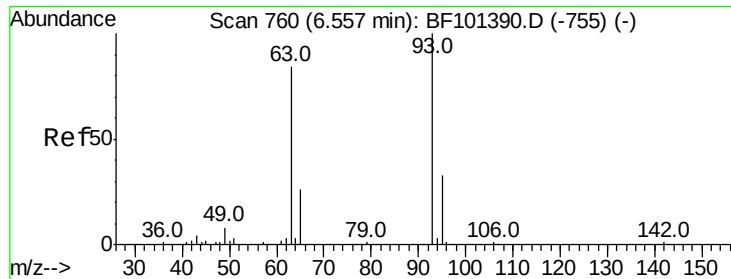
Tot Ion: 77 Resp: 416791
Ion Ratio Lower Upper
77 100
105 104.1 81.1 121.1
106 99.2 74.5 114.5



#10
Phenol
Concen: 35.322 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Tgt Ion: 94 Resp: 498242
Ion Ratio Lower Upper
94 100
65 44.3 7.9 47.9
66 69.0 16.2 56.2#

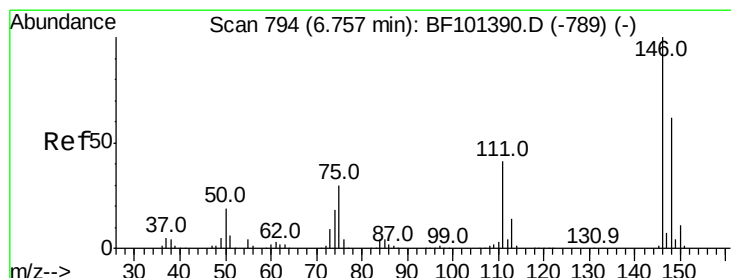
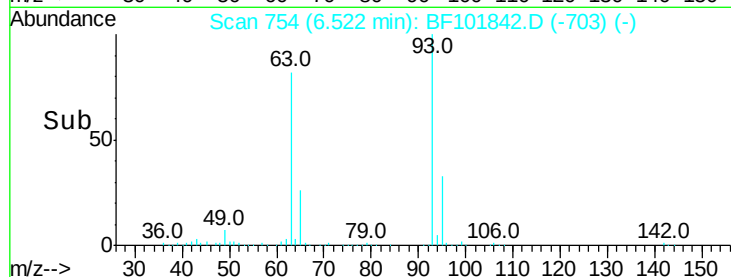
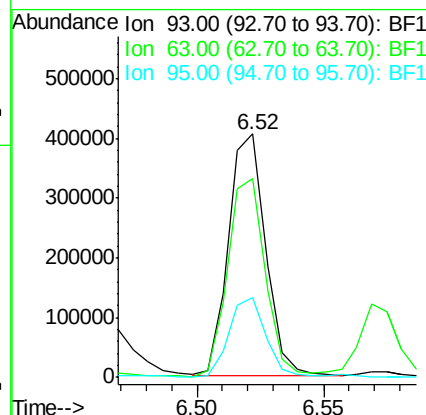
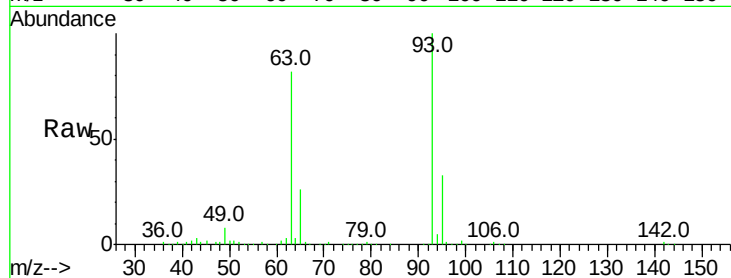




#11
 bis(2-Chloroethyl)ether
 Concen: 37.172 ng
 RT: 6.52 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

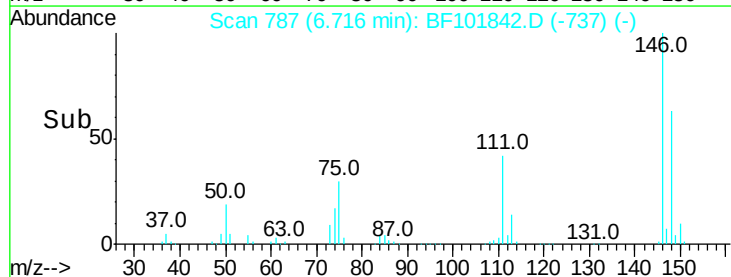
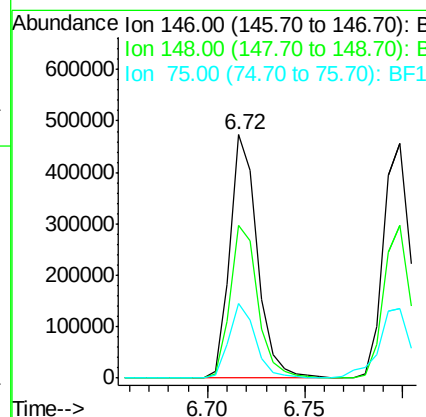
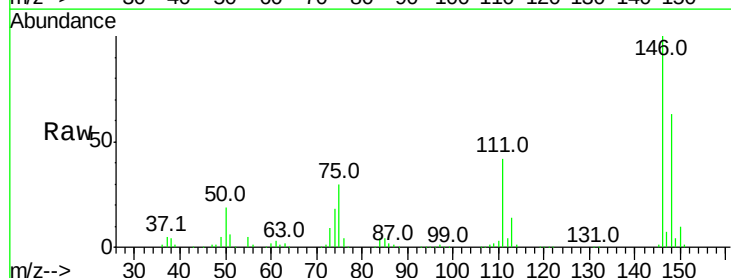
Instrument :
 BNA_F
 ClientSampled :

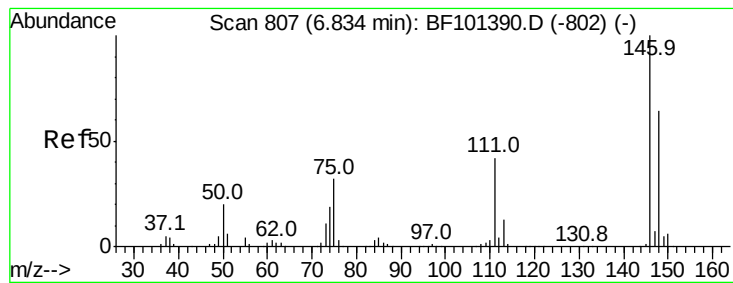
Tot Ion: 93 Resp: 411295
 Ion Ratio Lower Upper
 93 100
 63 81.6 58.6 98.6
 95 32.7 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 39.078 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

Tgt Ion: 146 Resp: 461365
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.8 77.8
 75 30.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.481 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Instrument :

BNA_F

ClientSampleId :

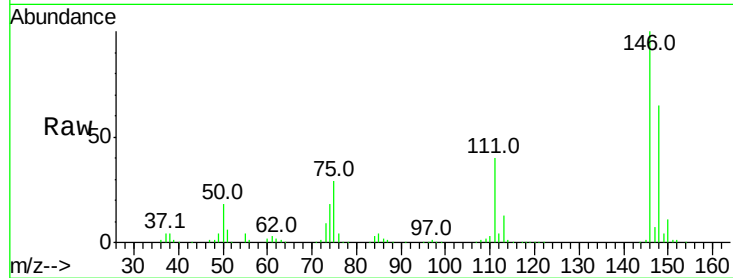
Tot Ion:146 Resp: 476000

Ion Ratio Lower Upper

146 100

148 64.9 50.8 76.2

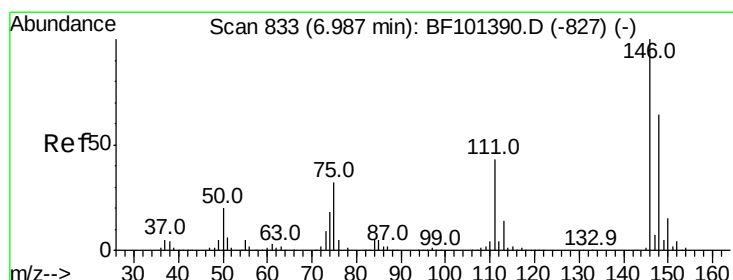
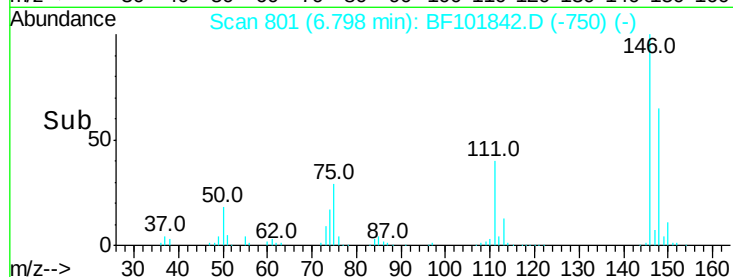
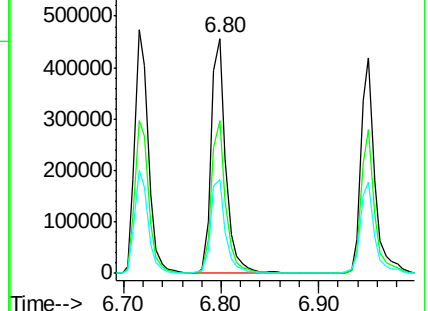
111 40.0 34.2 51.2



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: 37.848 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

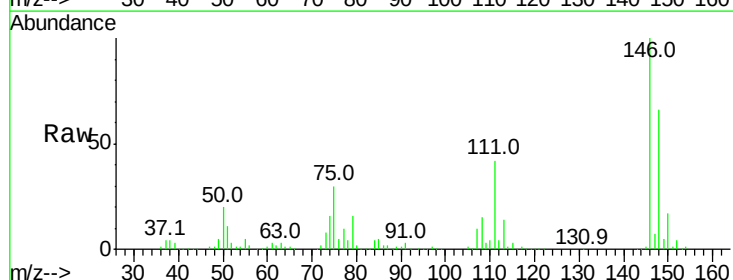
Tgt Ion:146 Resp: 410734

Ion Ratio Lower Upper

146 100

148 66.3 50.6 75.8

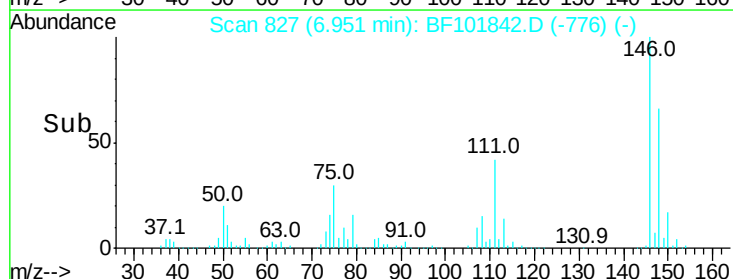
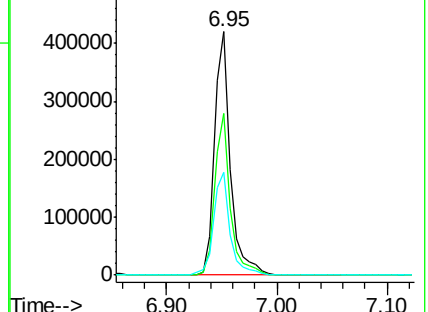
111 42.1 36.0 54.0

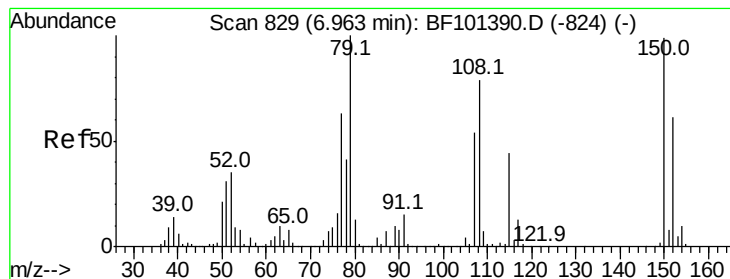


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.201 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Instrument :

BNA_F

ClientSampled :

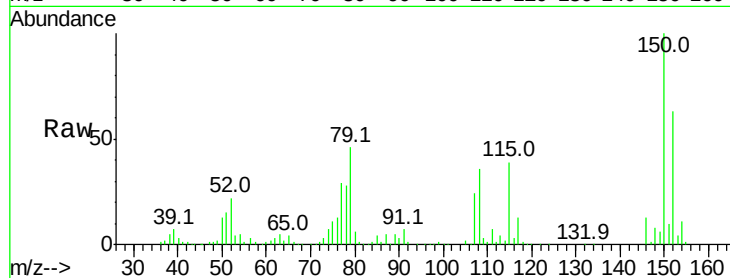
Tot Ion: 79 Resp: 308375

Ion Ratio Lower Upper

79 100

108 78.0 65.1 97.7

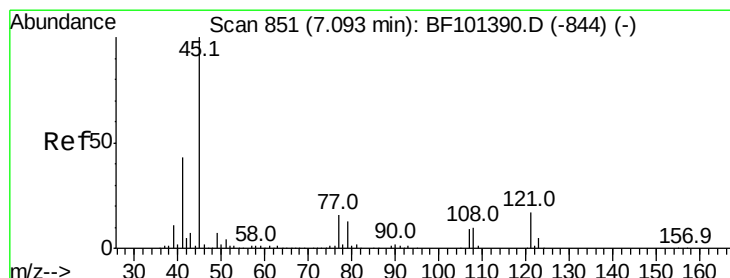
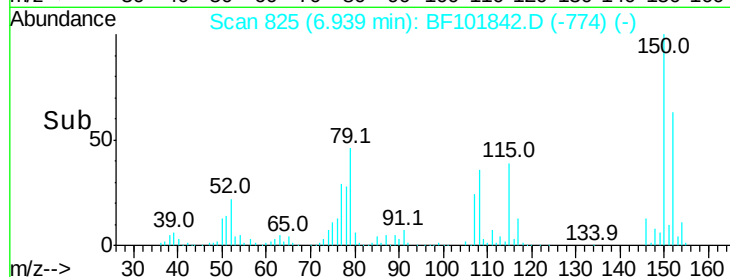
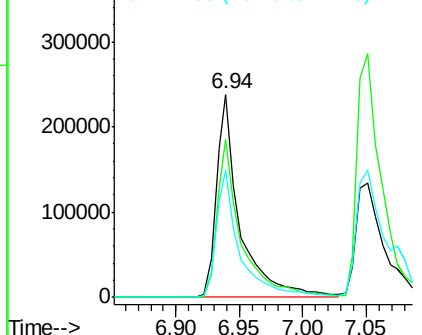
77 62.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.569 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

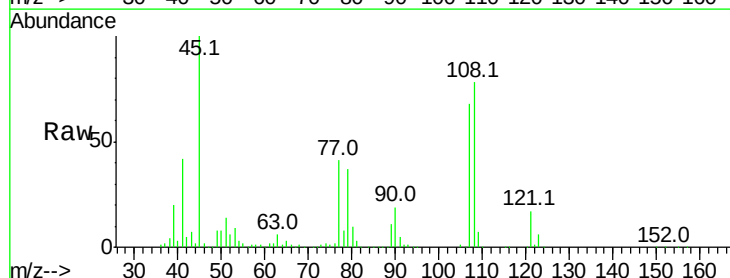
Tgt Ion: 45 Resp: 602314

Ion Ratio Lower Upper

45 100

77 40.5 0.0 32.9#

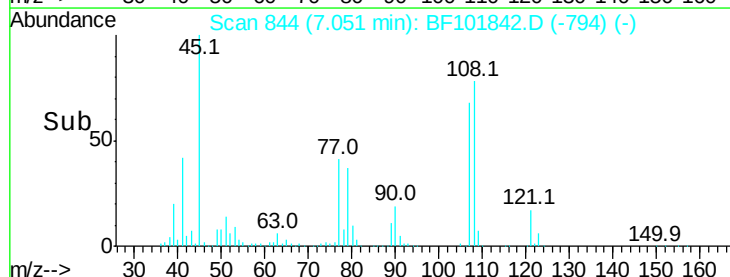
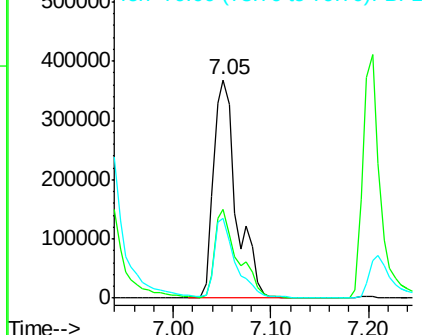
79 36.6 0.0 29.6#

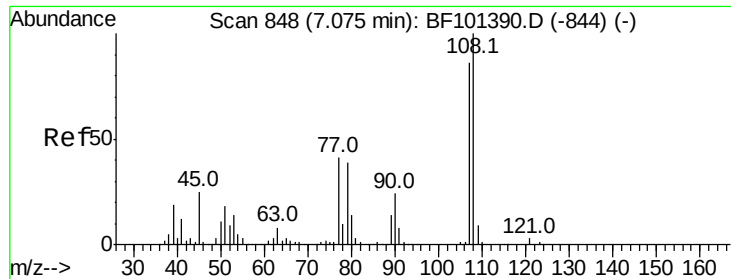


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 36.109 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 347460

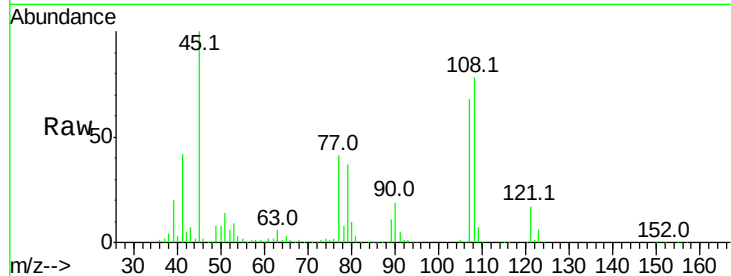
Ion Ratio Lower Upper

107 100

108 114.5 91.7 137.5

77 59.8 33.8 50.8#

79 54.1 33.8 50.8#



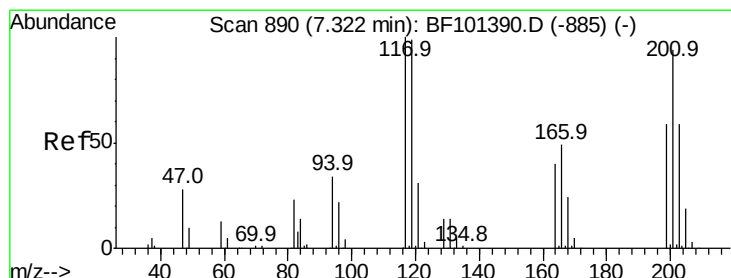
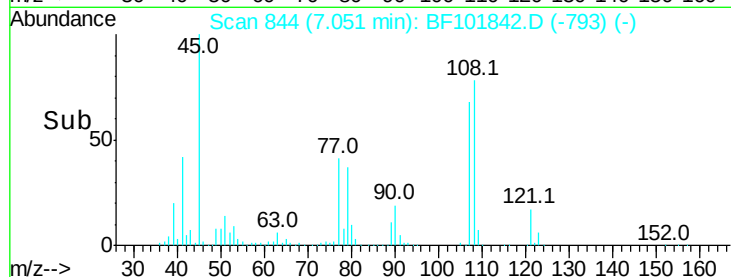
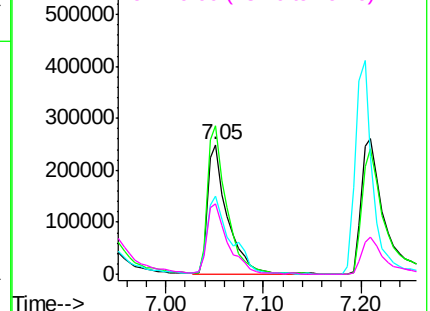
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.180 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

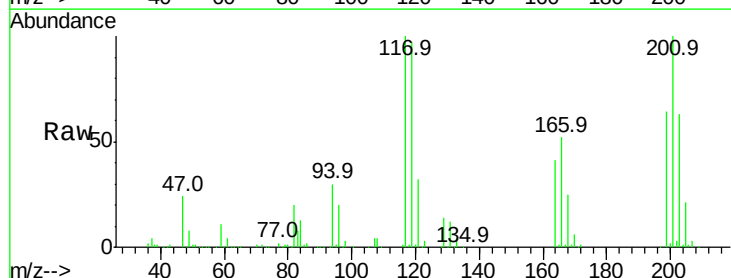
Tgt Ion:117 Resp: 160039

Ion Ratio Lower Upper

117 100

119 97.3 75.8 113.8

201 100.4 75.7 113.5

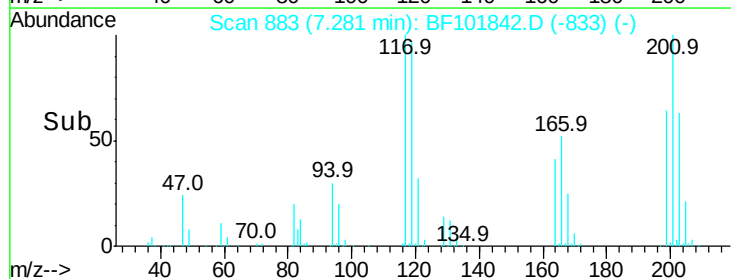
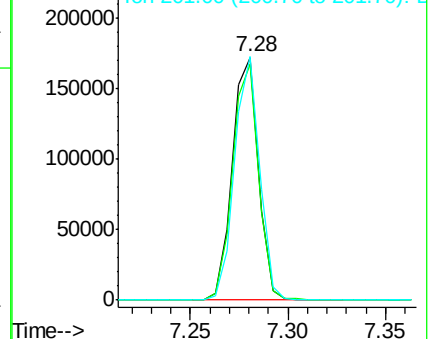


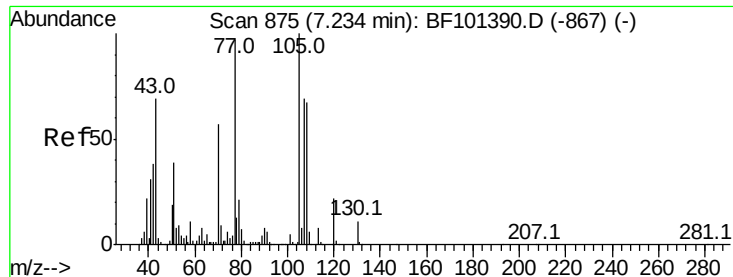
Abundance

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

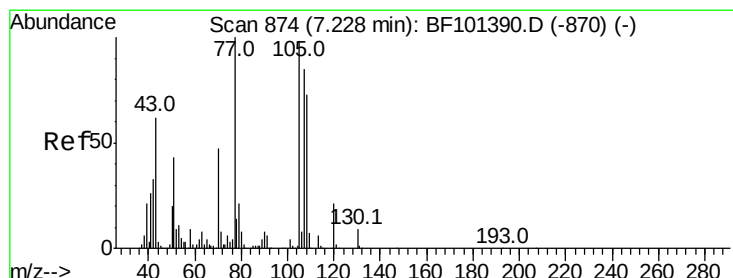
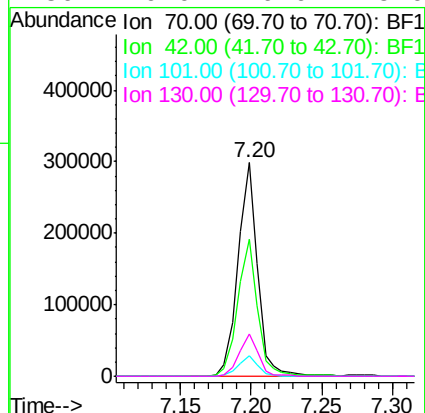
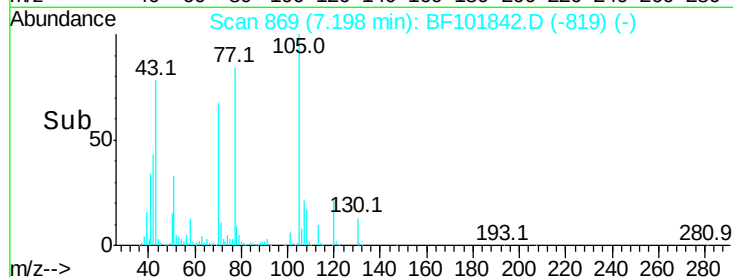
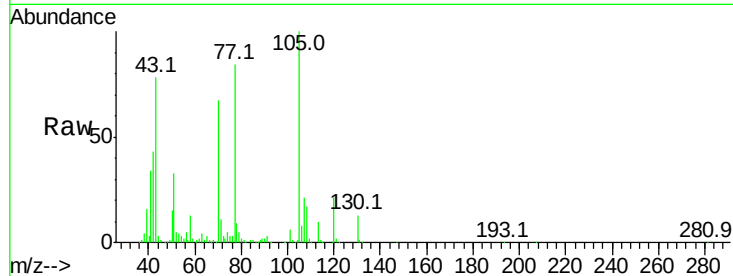




#19
n-Nitroso-di-n-propylamine
Concen: 35.506 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

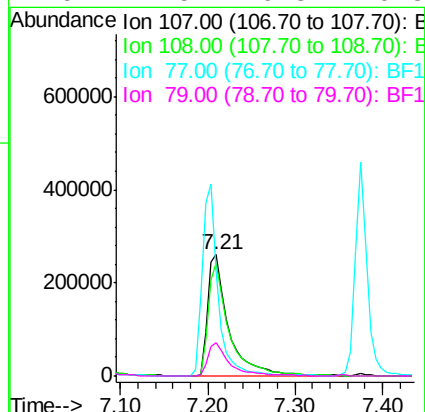
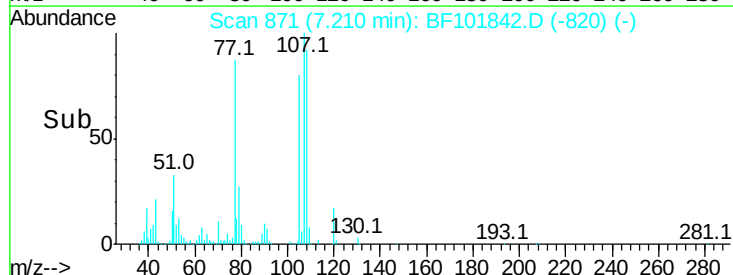
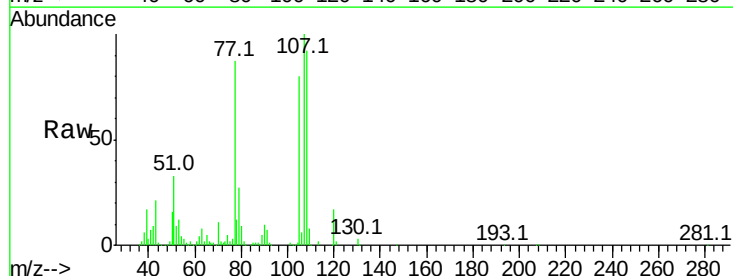
Instrument :
BNA_F
ClientSampleId :

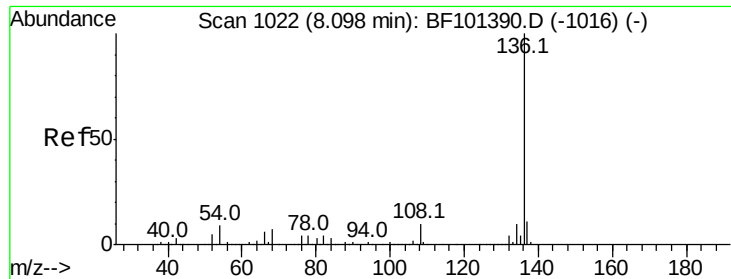
Tot Ion: 70 Resp: 288581
Ion Ratio Lower Upper
70 100
42 64.2 47.5 71.3
101 9.5 7.4 11.2
130 20.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 43.037 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Tgt Ion: 107 Resp: 438832
Ion Ratio Lower Upper
107 100
108 92.3 68.2 108.2
77 86.9 26.7 66.7#
79 27.5 6.3 46.3

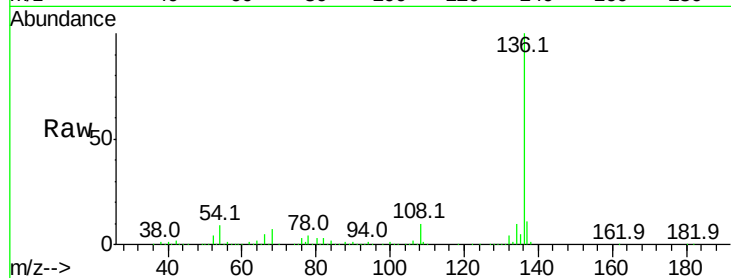




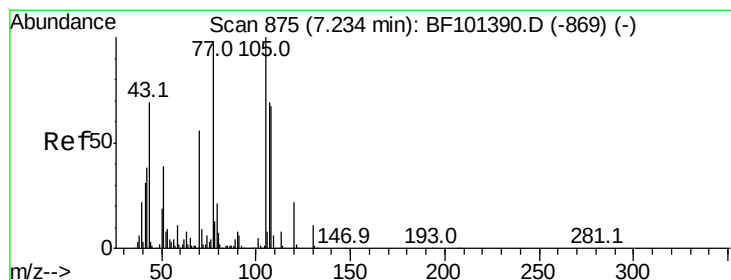
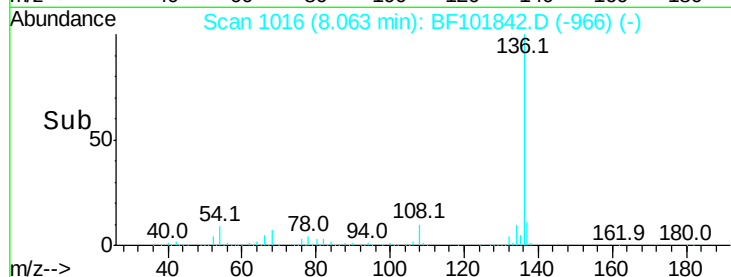
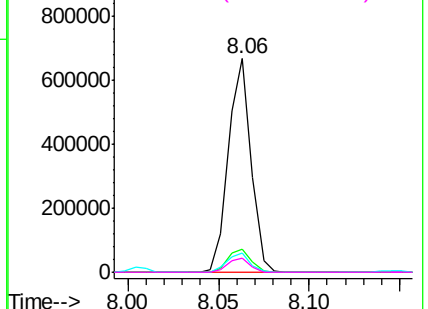
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 580518
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 8.7	6.6 9.8
68 6.5	5.0 7.4

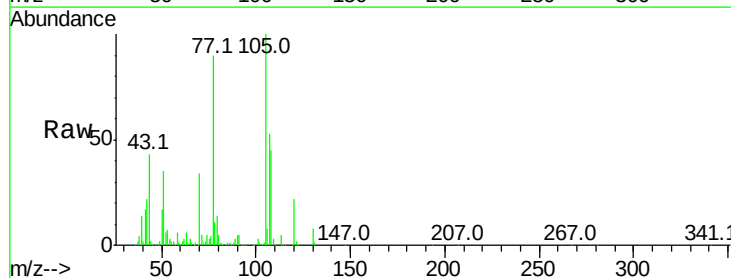


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

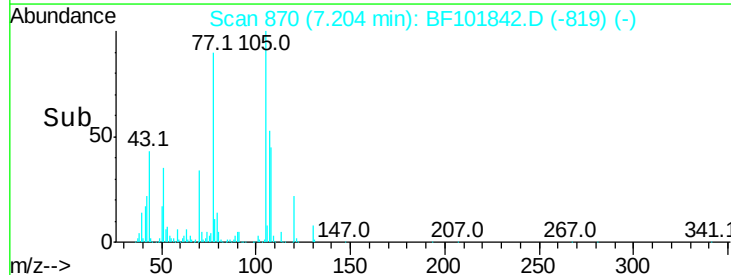
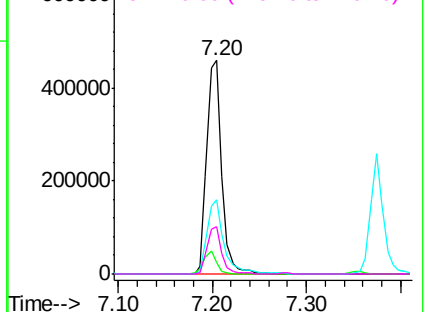


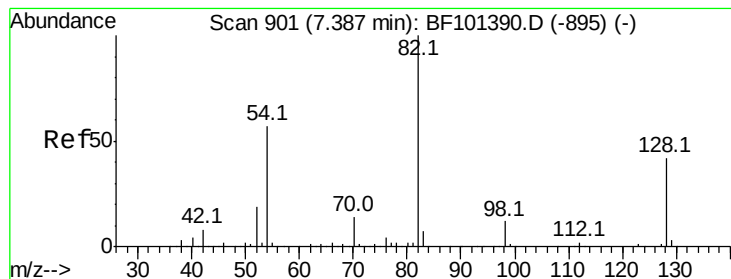
#22
Acetophenone
Concen: 38.964 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Tgt Ion:105	Resp: 516121
Ion Ratio	Lower Upper
105 100	
71 5.5	4.4 6.6
51 34.7	22.3 33.5#
120 22.0	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 77.048 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Instrument :

BNA_F

ClientSampleId :

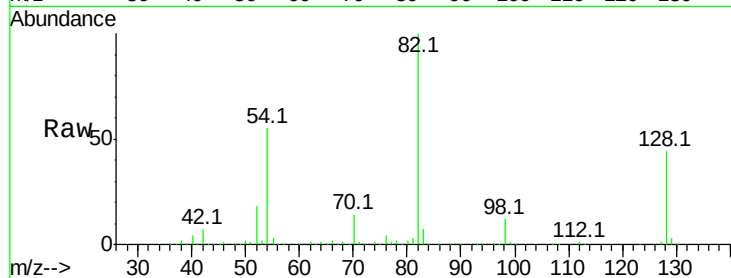
Tot Ion: 82 Resp: 803502

Ion Ratio Lower Upper

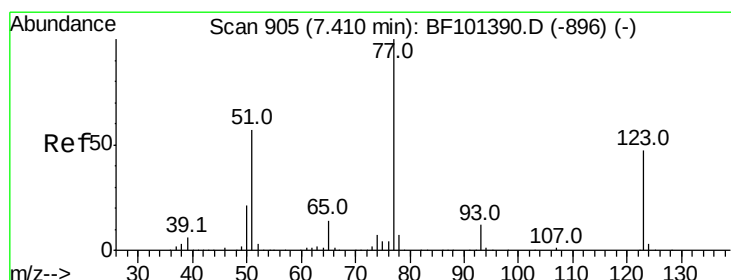
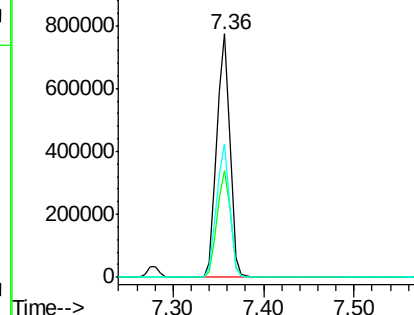
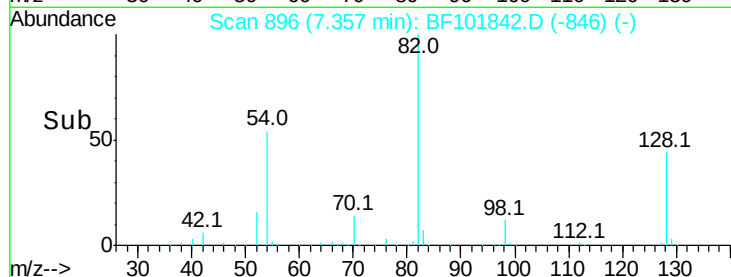
82 100

128 43.9 36.1 54.1

54 54.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 37.943 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

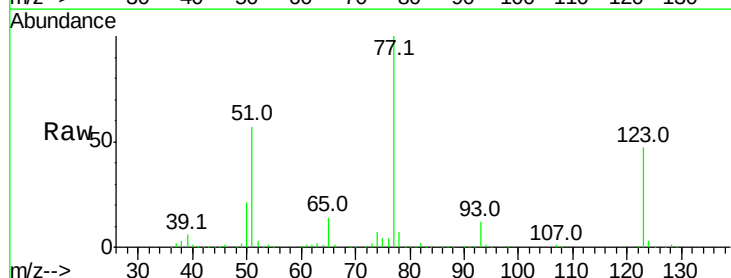
Tgt Ion: 77 Resp: 437938

Ion Ratio Lower Upper

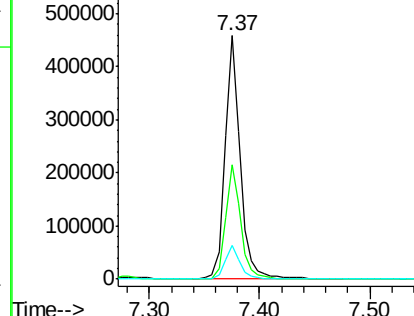
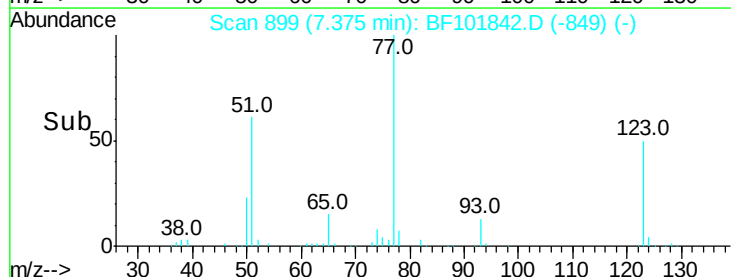
77 100

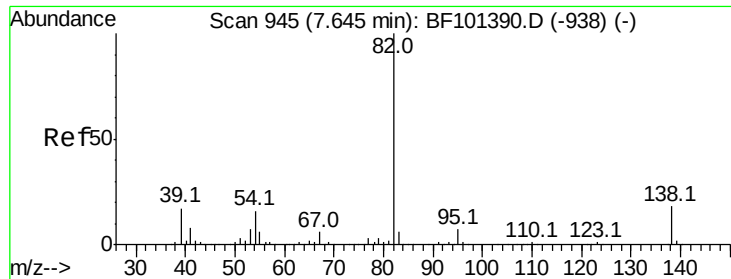
123 47.0 37.9 56.9

65 14.1 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.785 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Instrument :

BNA_F

ClientSampleId :

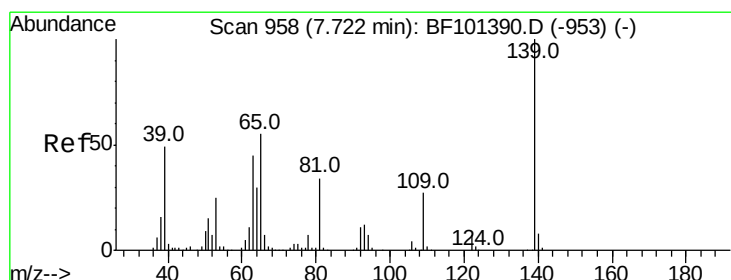
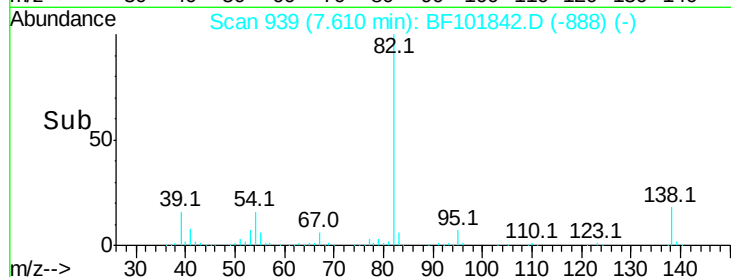
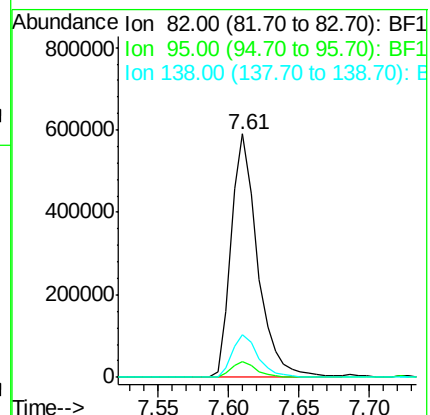
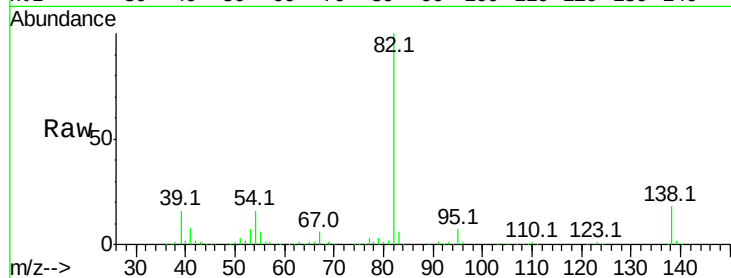
Tot Ion: 82 Resp: 769556

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 45.110 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

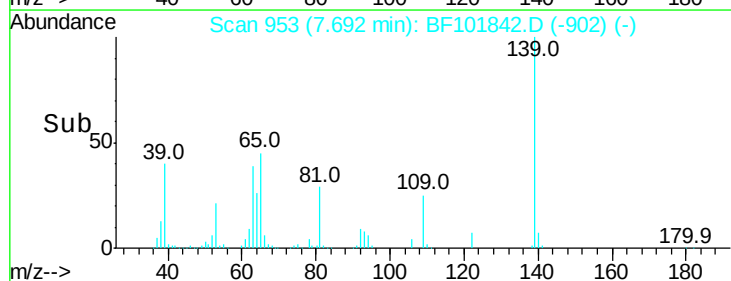
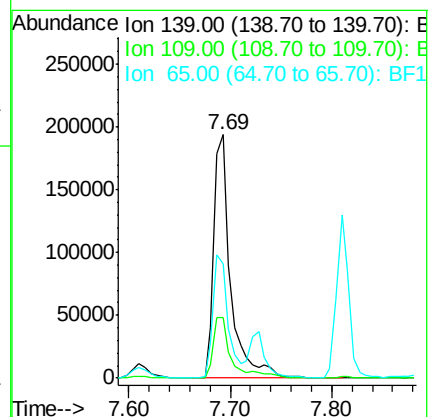
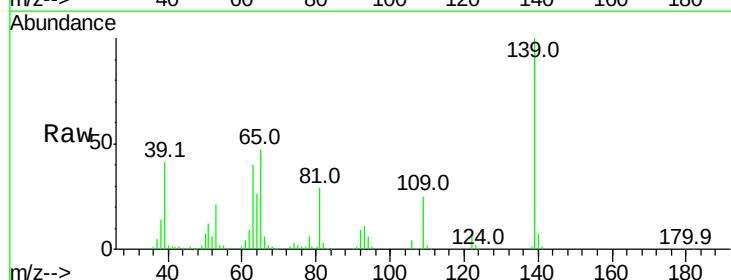
Tgt Ion: 139 Resp: 223683

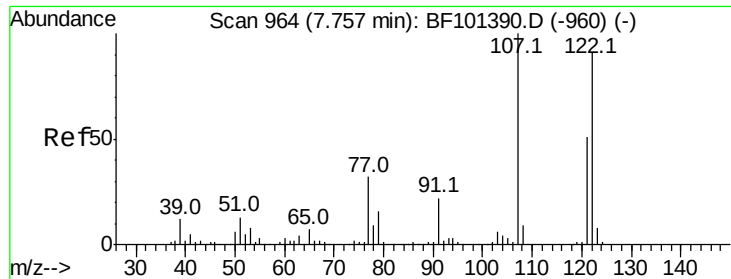
Ion Ratio Lower Upper

139 100

109 24.8 22.7 34.1

65 47.1 40.5 60.7

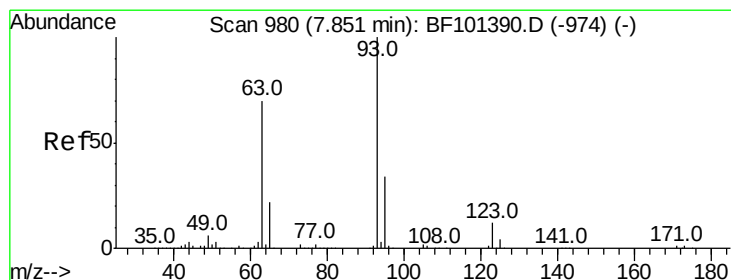
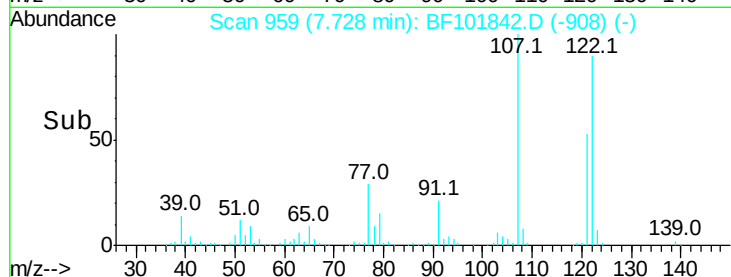
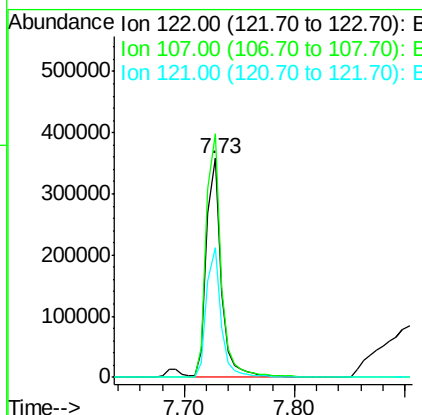
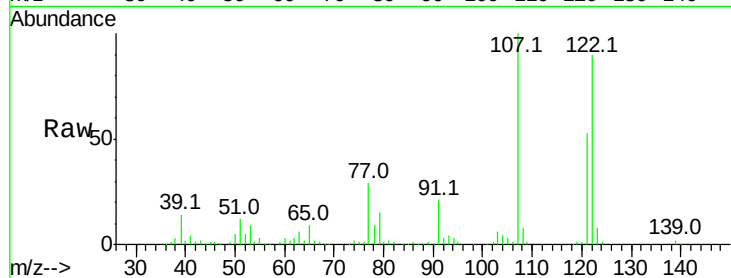




#27
 2,4-Dimethylphenol
 Concen: 38.064 ng
 RT: 7.73 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

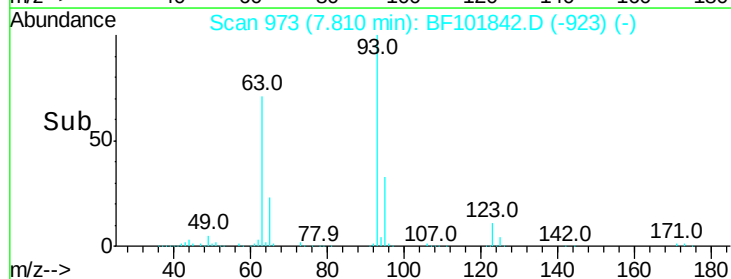
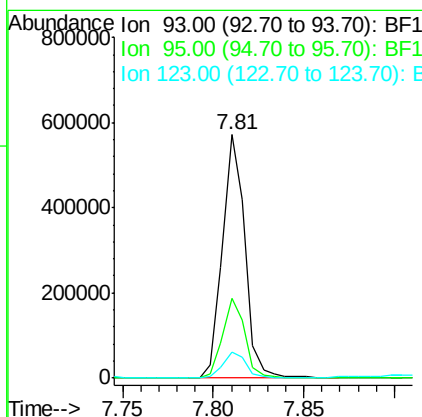
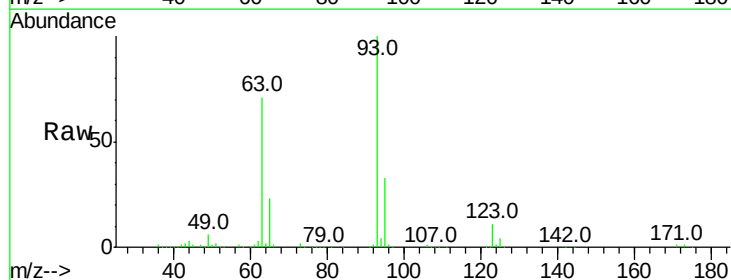
Instrument :
 BNA_F
 ClientSampled :

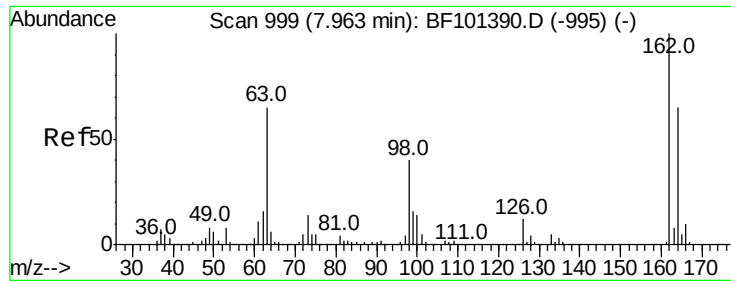
Tot Ion:122 Resp: 320647
 Ion Ratio Lower Upper
 122 100
 107 111.2 91.2 136.8
 121 59.1 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.267 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

Tgt Ion: 93 Resp: 495245
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 10.8 9.8 14.6

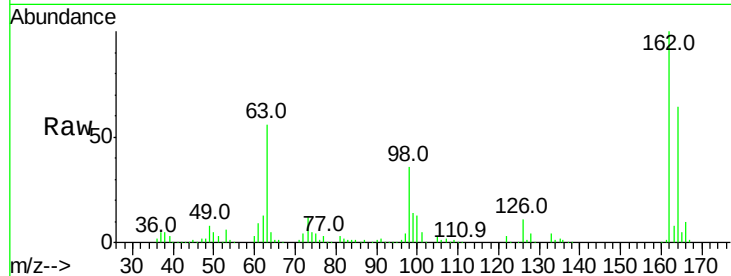




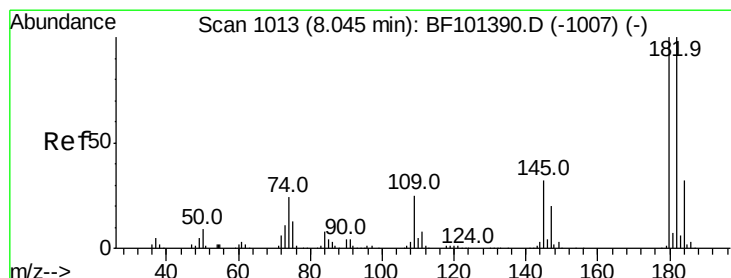
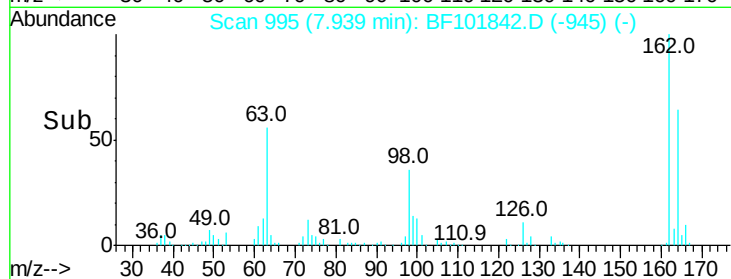
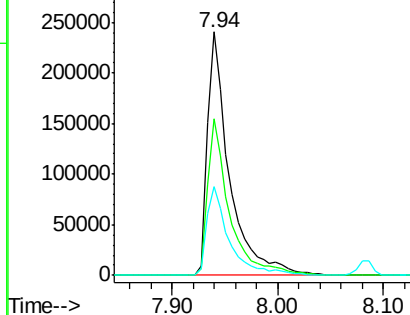
#29
 2,4-Dichlorophenol
 Concen: 41.884 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 348582
 Ion Ratio Lower Upper
 162 100
 164 64.3 42.7 82.7
 98 36.3 18.1 58.1

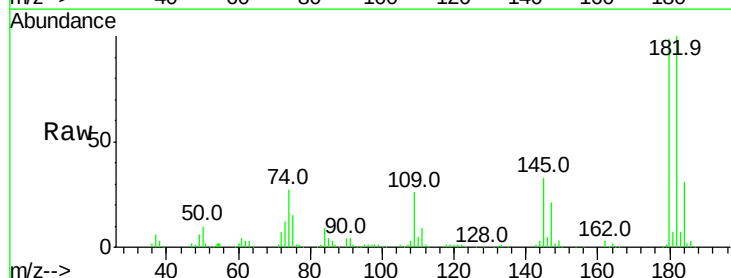


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

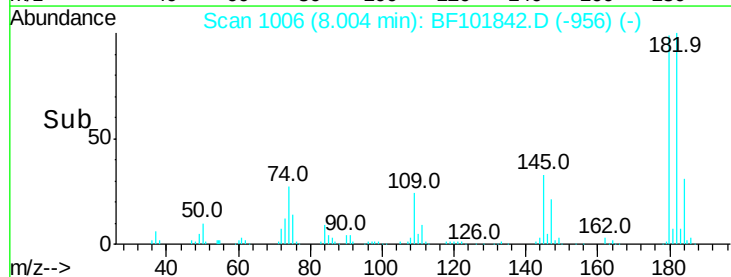
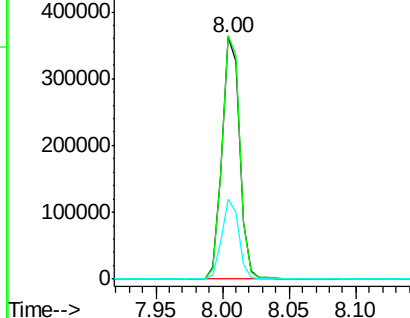


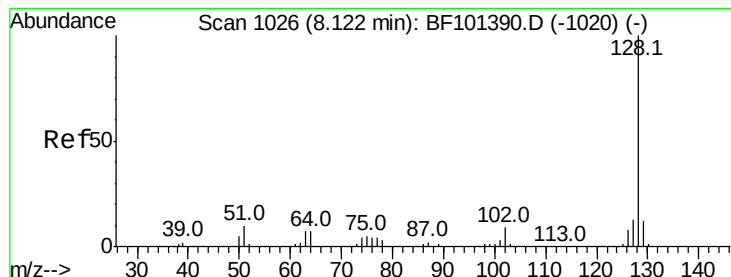
#30
 1,2,4-Trichlorobenzene
 Concen: 38.805 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

Tgt Ion:180 Resp: 340814
 Ion Ratio Lower Upper
 180 100
 182 100.7 76.8 115.2
 145 32.8 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: 37.624 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Instrument :

BNA_F

ClientSampleId :

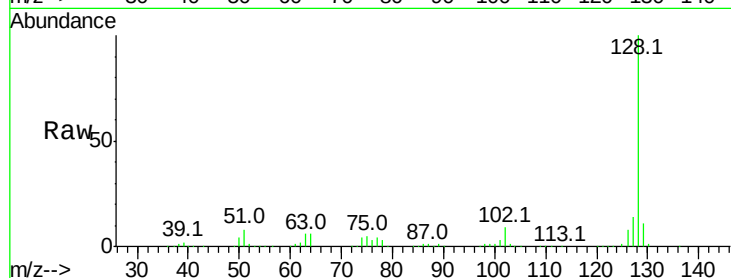
Tot Ion:128 Resp: 1099591

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

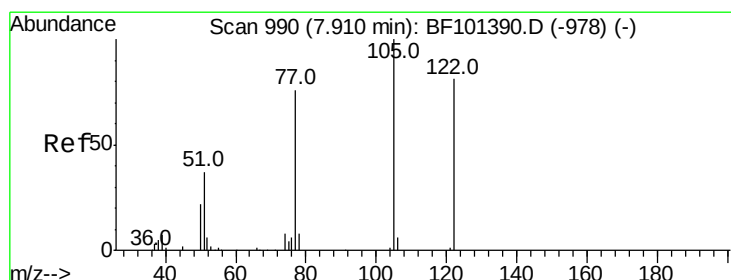
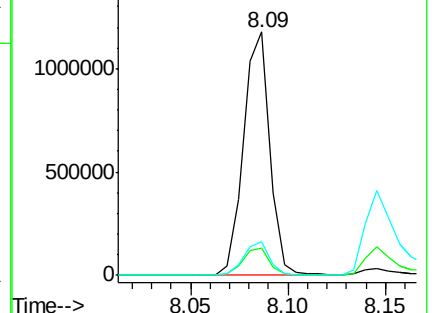
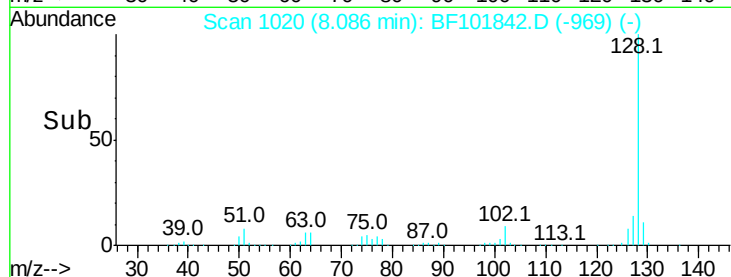
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.443 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

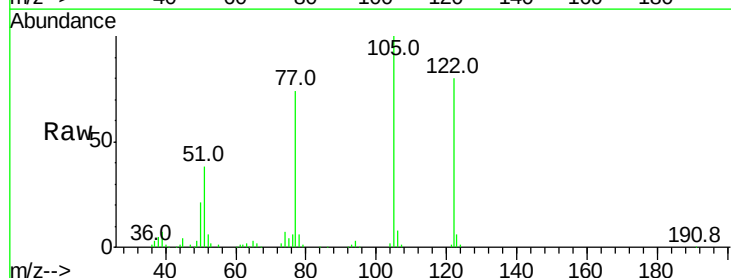
Tgt Ion:122 Resp: 255053

Ion Ratio Lower Upper

122 100

105 124.4 101.1 141.1

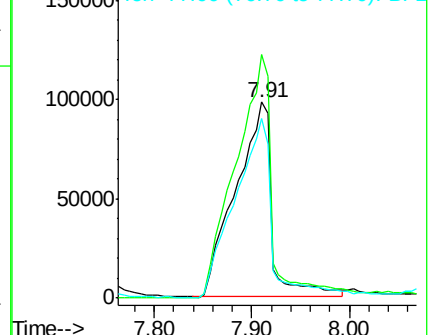
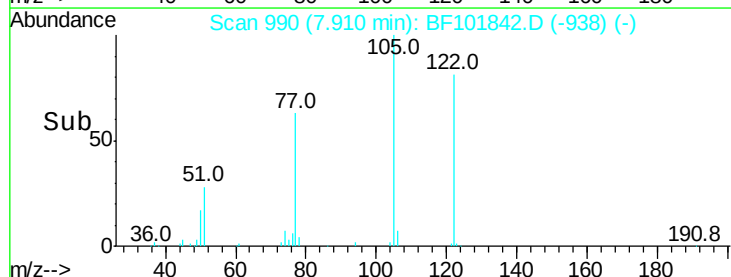
77 91.9 70.7 110.7

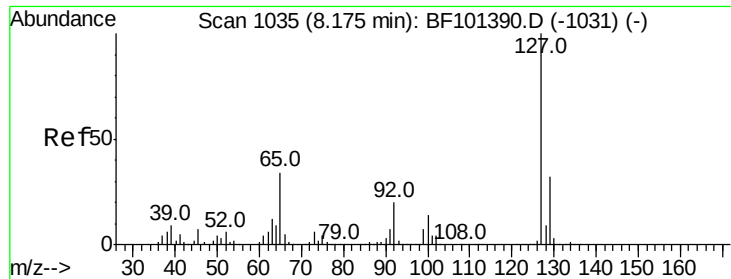


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

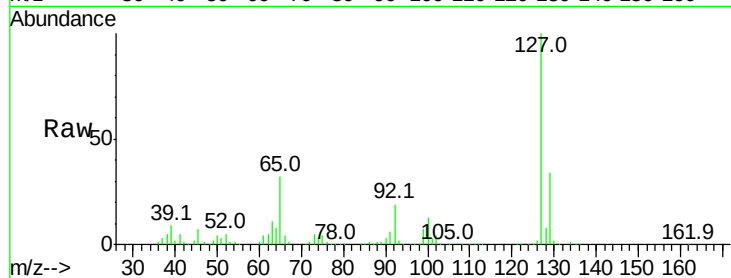




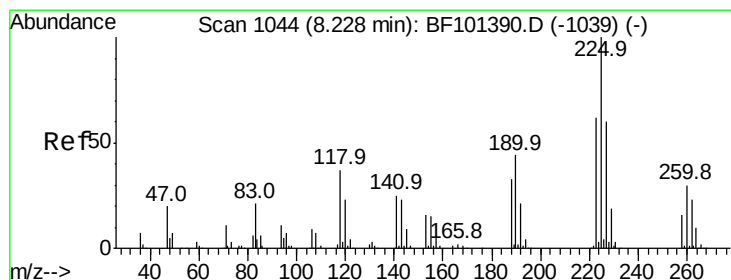
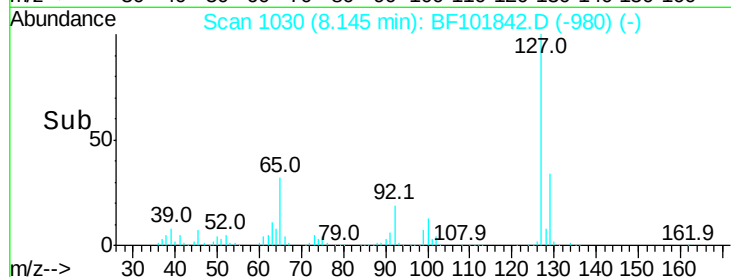
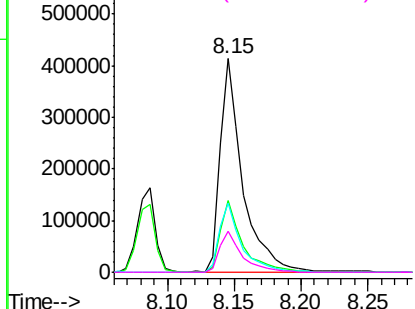
#33
4-Chloroaniline
Concen: 38.439 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	488266
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.9	38.9
65	32.3	25.0	37.4
92	19.2	15.2	22.8

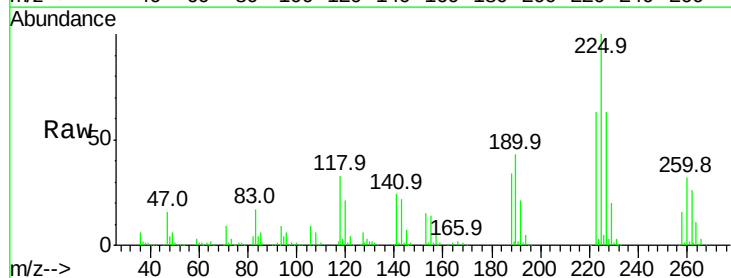


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

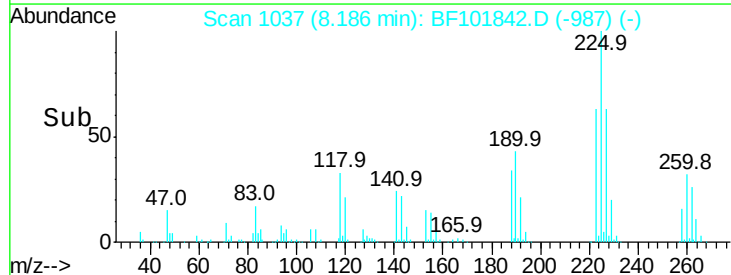
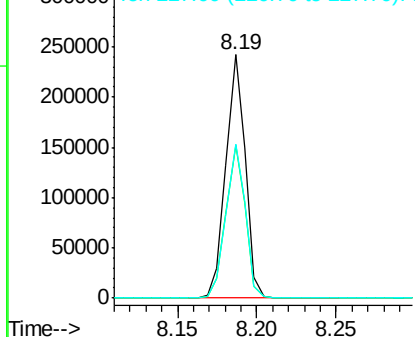


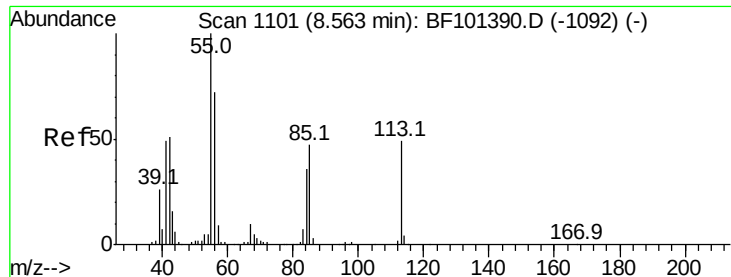
#34
Hexachlorobutadiene
Concen: 40.375 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Tgt Ion:	225	Resp:	205095
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.5	51.9	77.9



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





#35

Caprolactam

Concen: 21.719 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Instrument :

BNA_F

ClientSampleId :

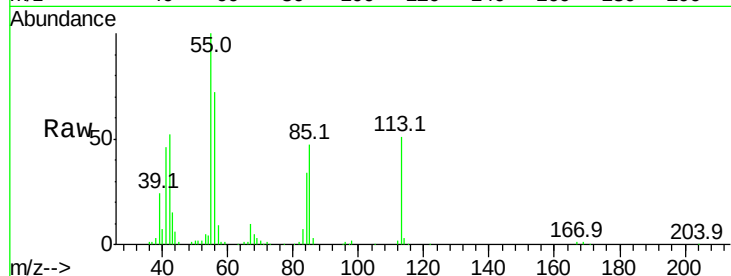
Tot Ion:113 Resp: 62764

Ion Ratio Lower Upper

113 100

55 195.1 163.3 203.3

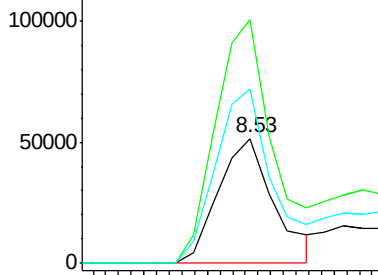
56 139.5 115.7 155.7



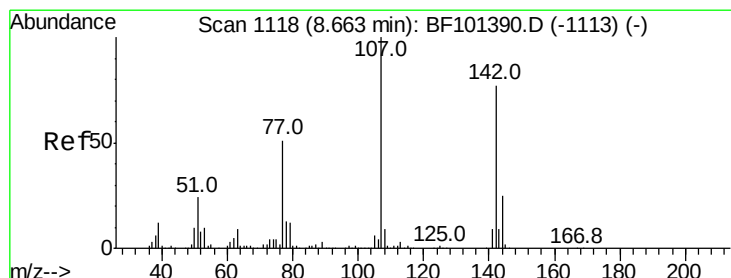
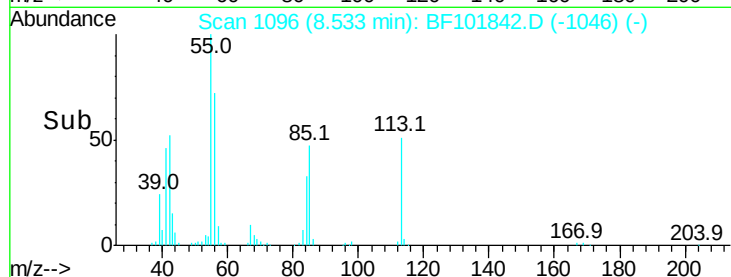
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



Time-->



#36

4-Chloro-3-methylphenol

Concen: 39.621 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

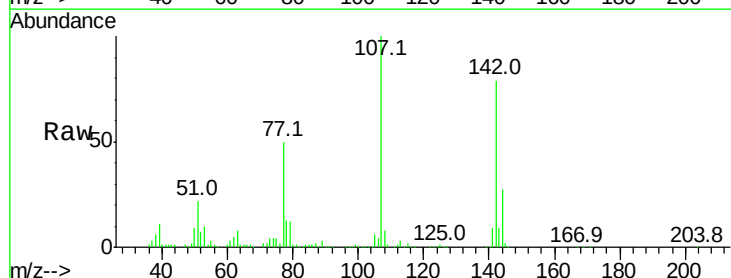
Tgt Ion:107 Resp: 362424

Ion Ratio Lower Upper

107 100

144 26.7 20.5 30.7

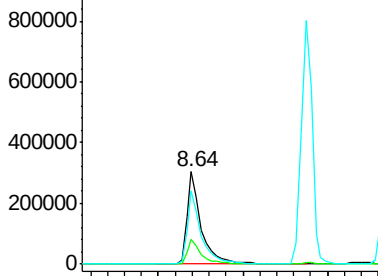
142 78.8 62.0 93.0



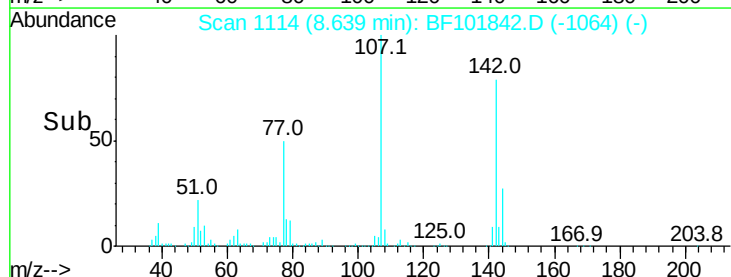
Abundance Ion 107.00 (106.70 to 107.70): E

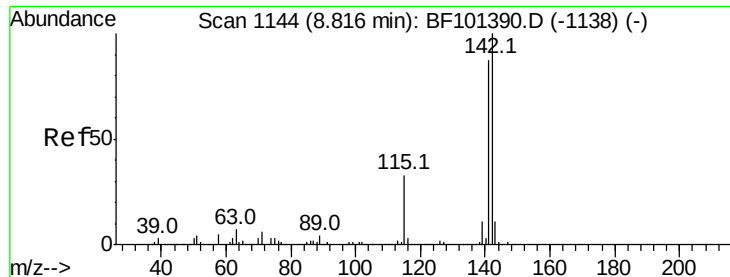
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->

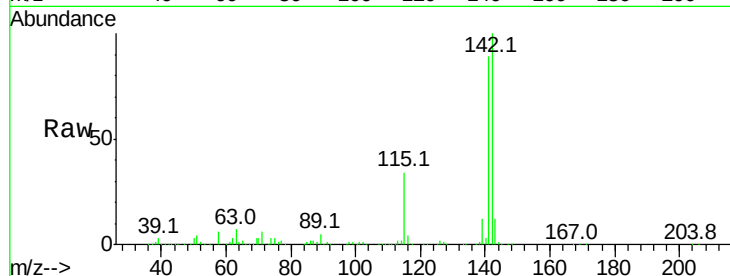




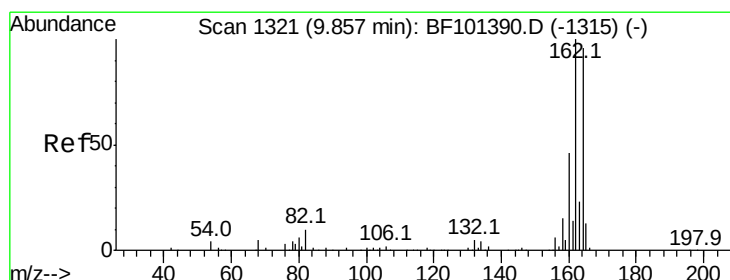
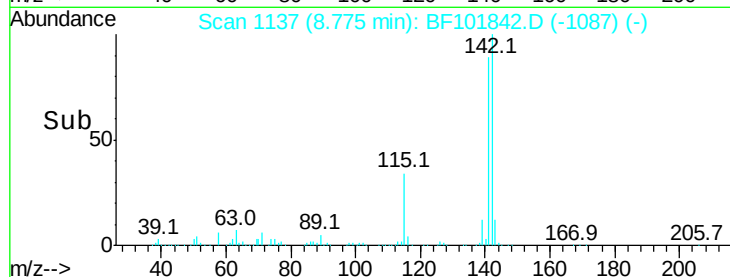
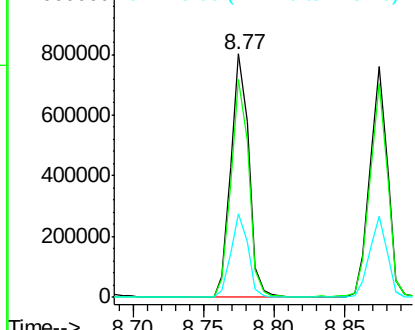
#37
2-Methylnaphthalene
Concen: 37.271 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	34.3	26.1	39.1

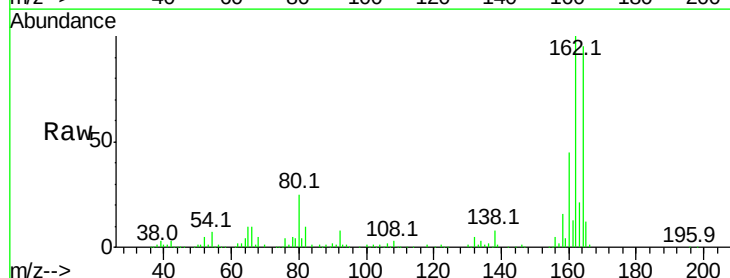


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

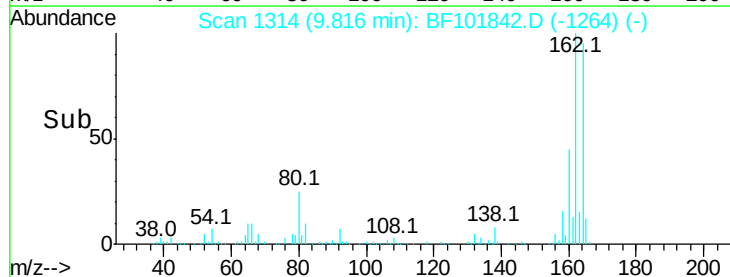
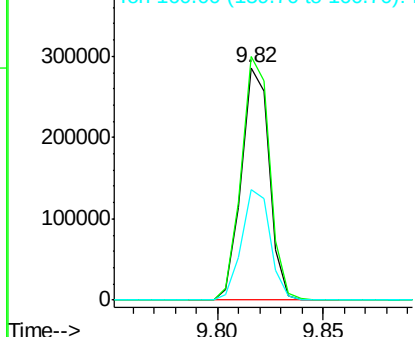


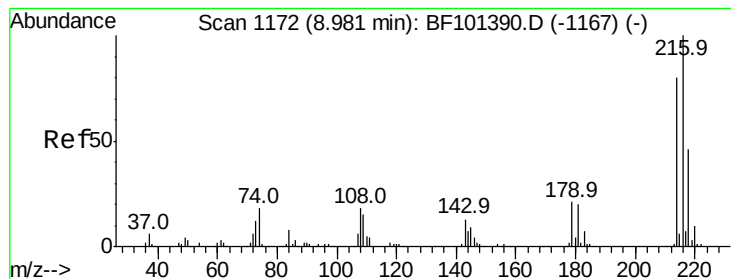
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	47.4	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: 40.235 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 354552

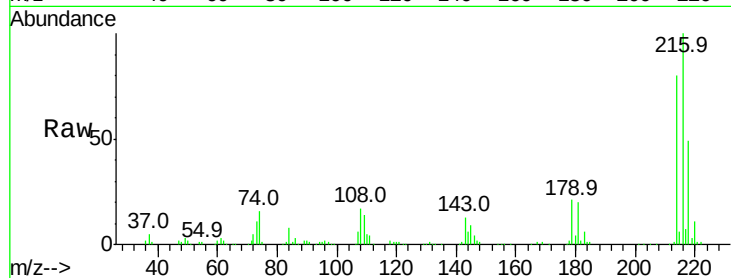
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 20.5 18.1 27.1

108 17.5 17.2 25.8

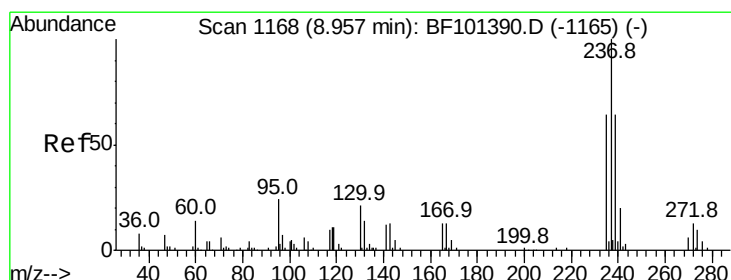
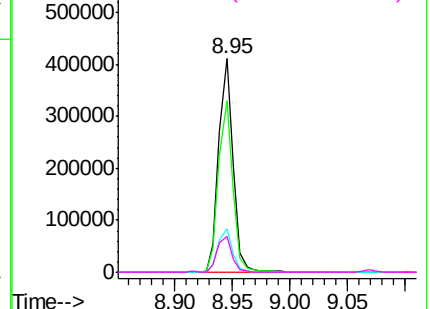
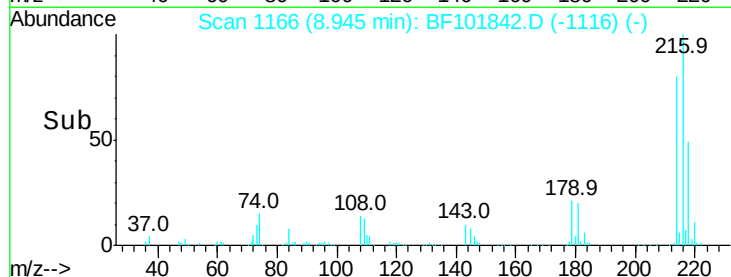


Abundance Ion 216.00 (215.70 to 216.70): E

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: 34.139 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

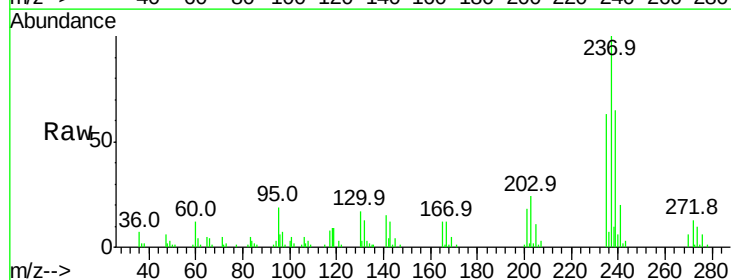
Tgt Ion:237 Resp: 36091

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

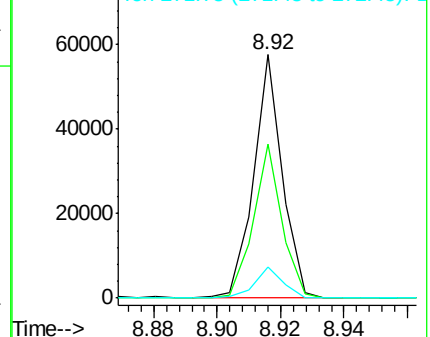
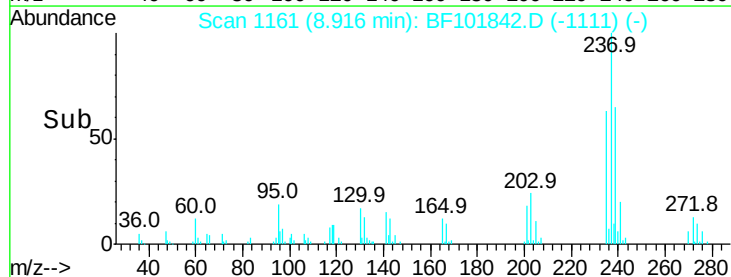
272 12.7 0.0 33.3

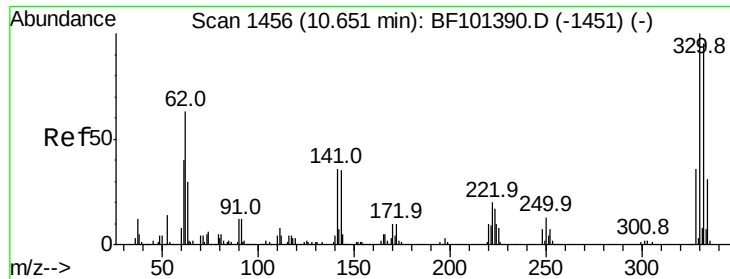


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

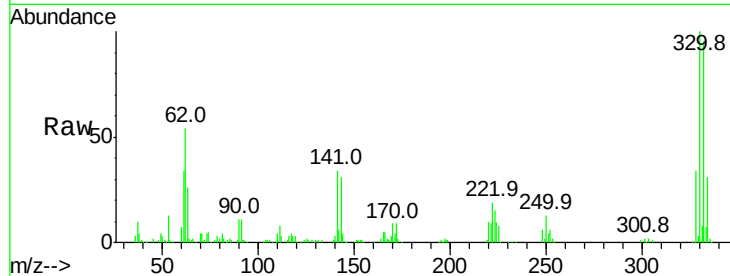




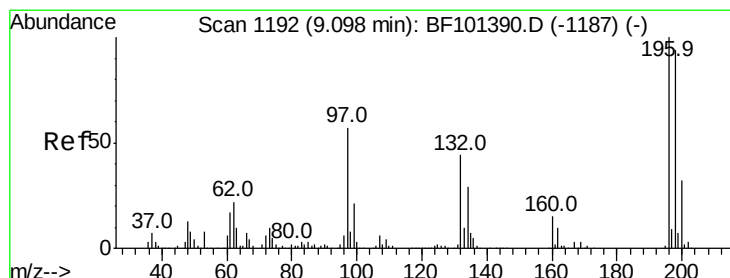
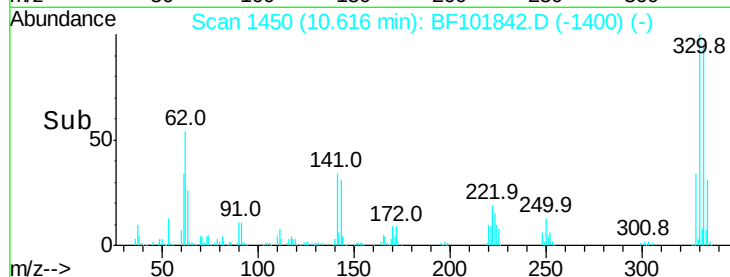
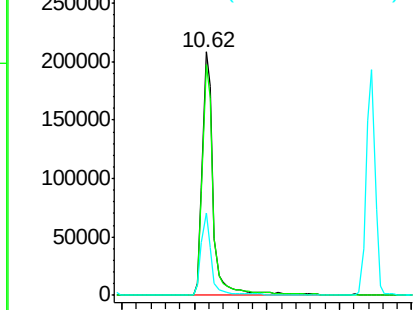
#41
 2,4,6-Tribromophenol
 Concen: 88.257 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 221960
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 30.3 29.9 44.9

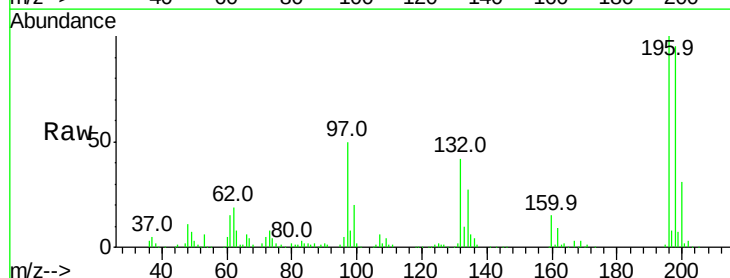


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

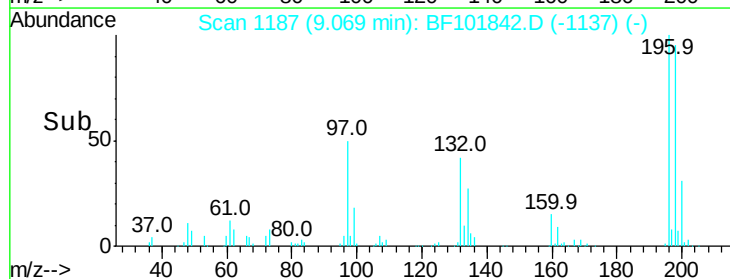
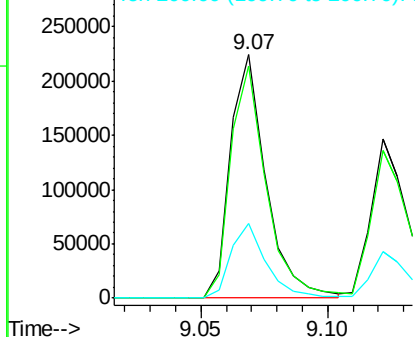


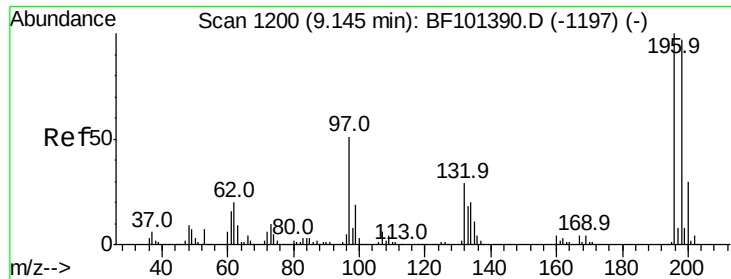
#42
 2,4,6-Trichlorophenol
 Concen: 41.346 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

Tgt Ion:196 Resp: 219345
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 200 30.9 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

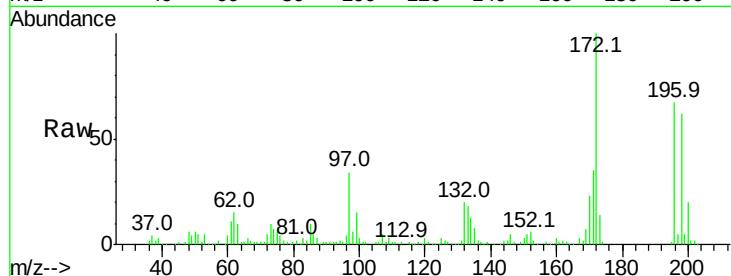




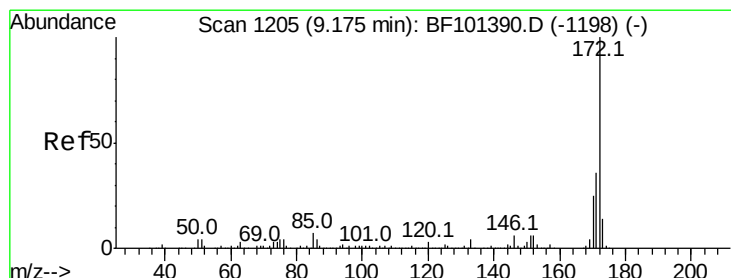
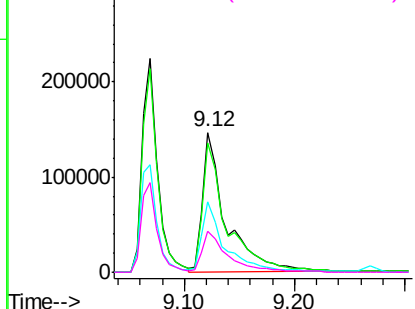
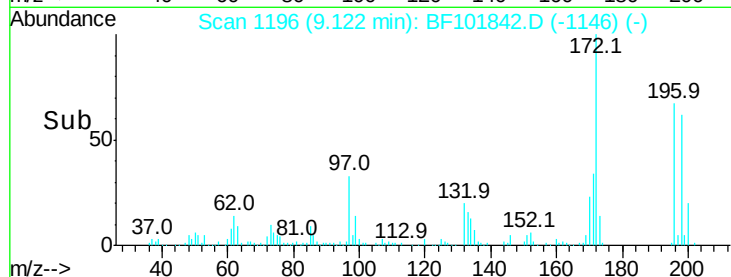
#43
 2,4,5-Trichlorophenol
 Concen: 36.234 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 210473
 Ion Ratio Lower Upper
 196 100
 198 92.8 74.6 112.0
 97 50.2 42.9 64.3
 132 29.7 26.3 39.5

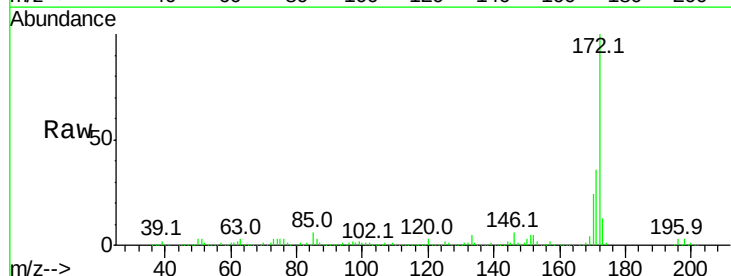


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

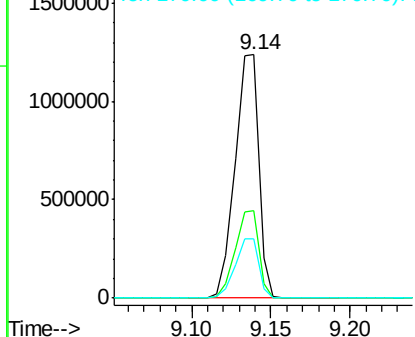
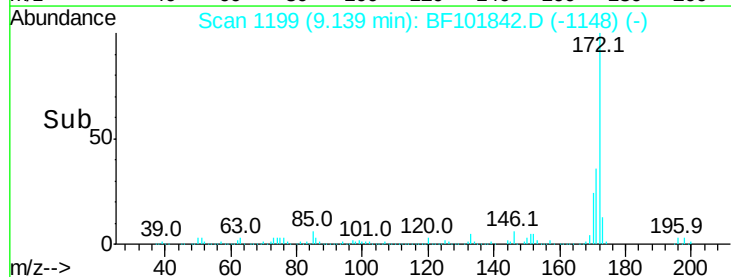


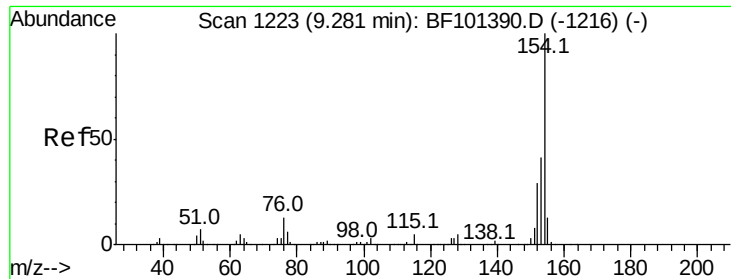
#44
 2-Fluorobiphenyl
 Concen: 76.545 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

Tgt Ion:172 Resp: 1287880
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.2 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

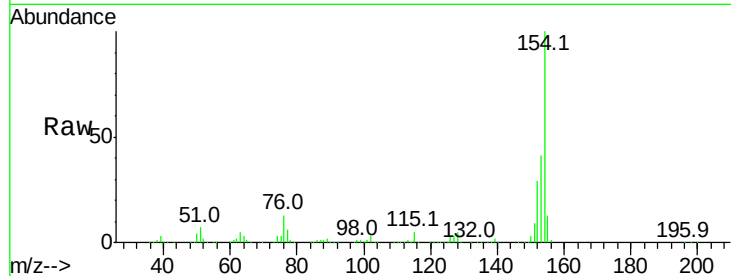




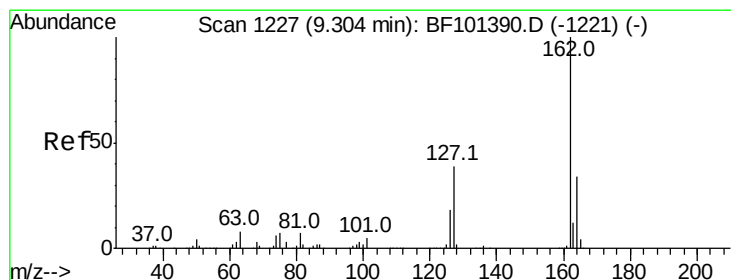
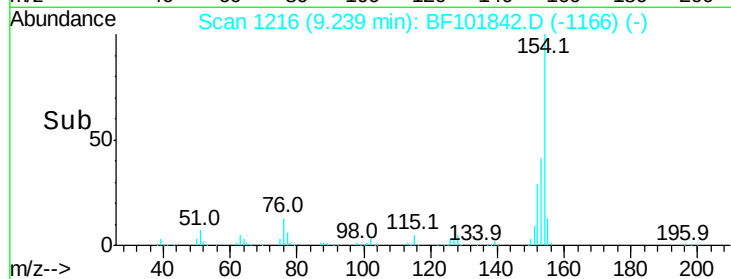
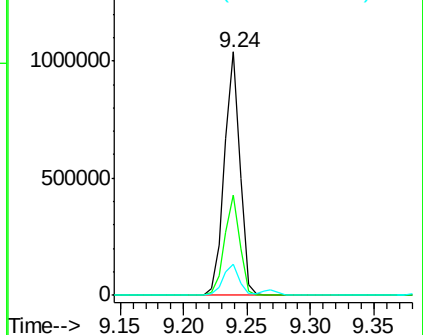
#45
 1,1'-Biphenyl
 Concen: 38.345 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	13.0	0.0	34.0

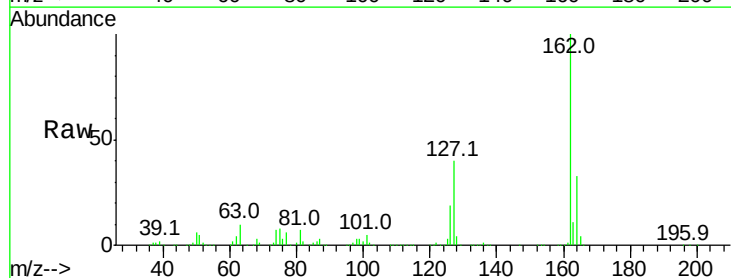


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

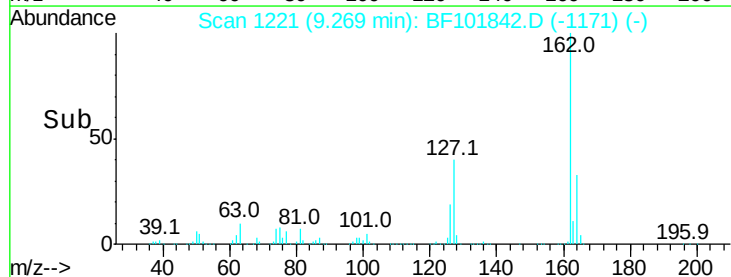
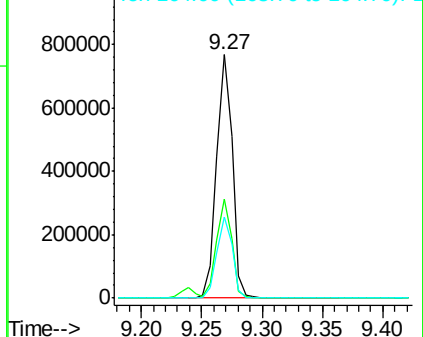


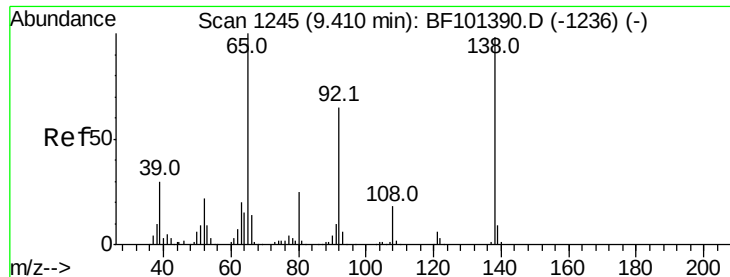
#46
 2-Chloronaphthalene
 Concen: 38.485 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.9	50.9
164	33.4	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: 40.094 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Instrument :

BNA_F

ClientSampleId :

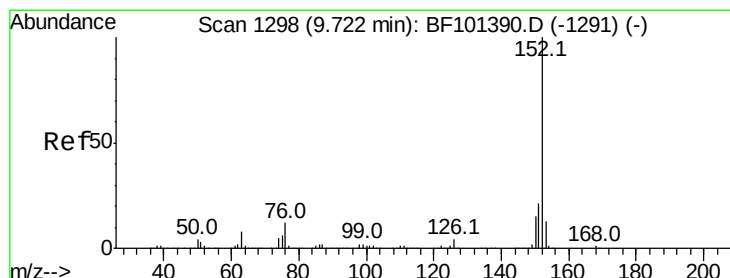
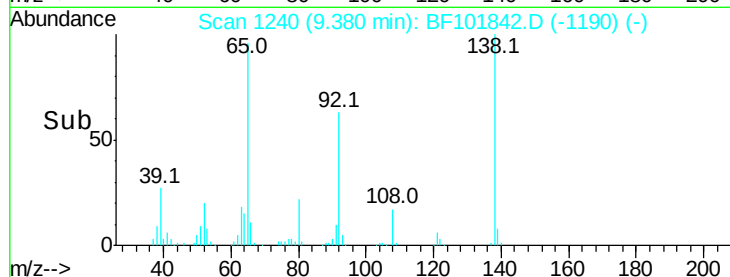
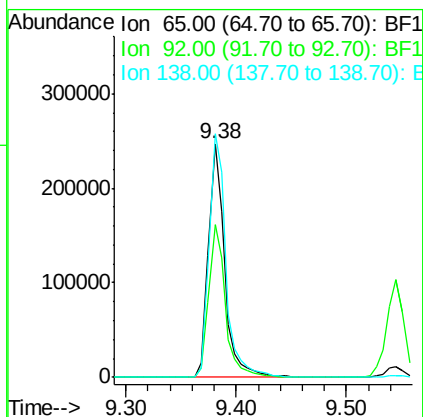
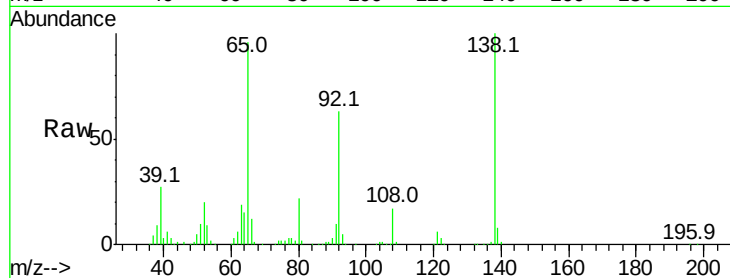
Tot Ion: 65 Resp: 245306

Ion Ratio Lower Upper

65 100

92 65.6 55.8 83.6

138 104.2 91.2 136.8



#48

Acenaphthylene

Concen: 37.835 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

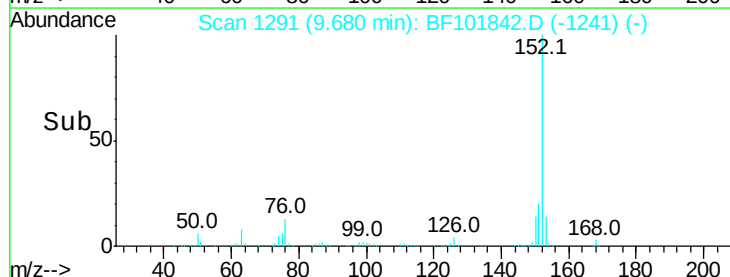
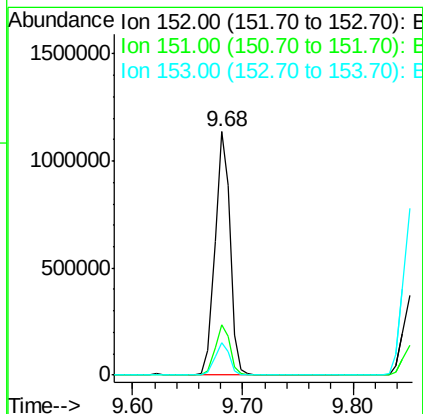
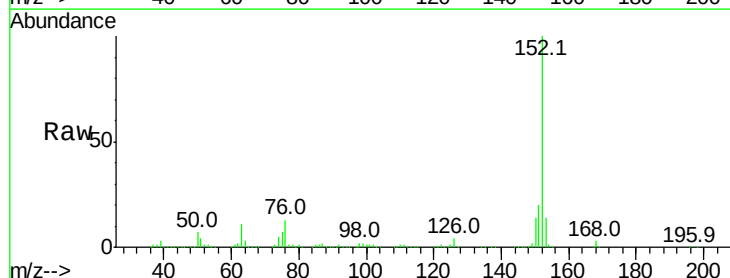
Tgt Ion: 152 Resp: 1058393

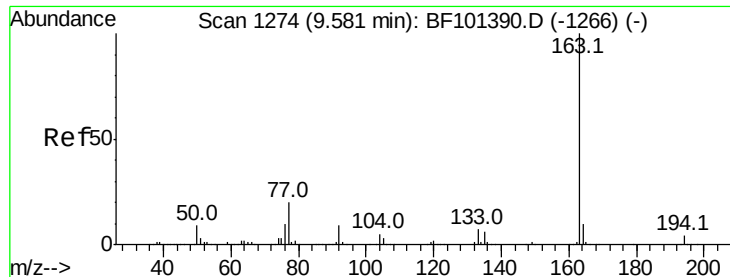
Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.5 10.7 16.1

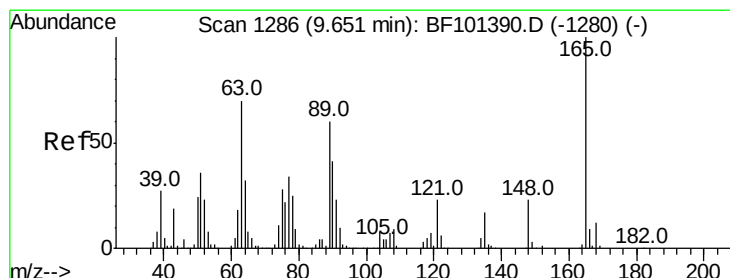
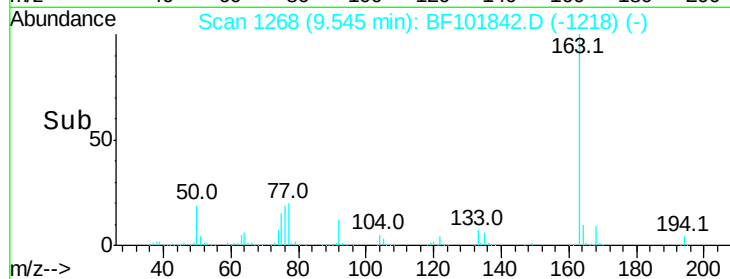
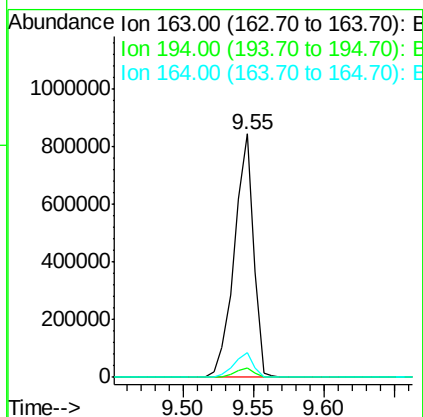
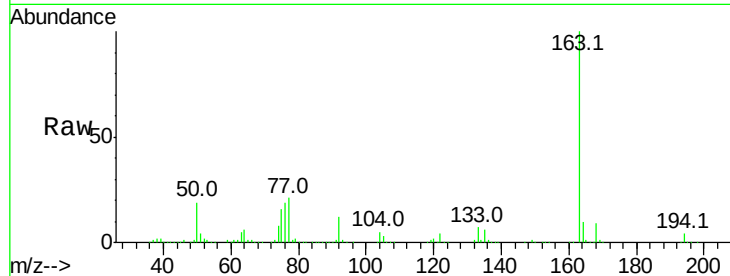




#49
Dimethylphthalate
Concen: 37.978 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

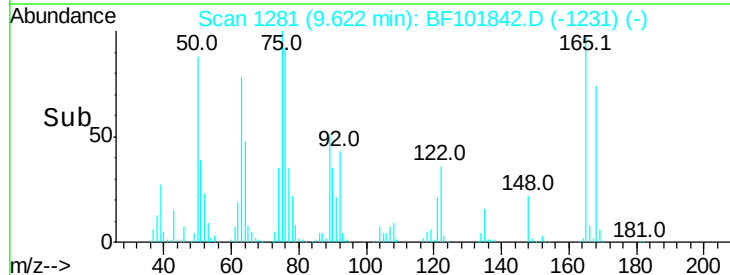
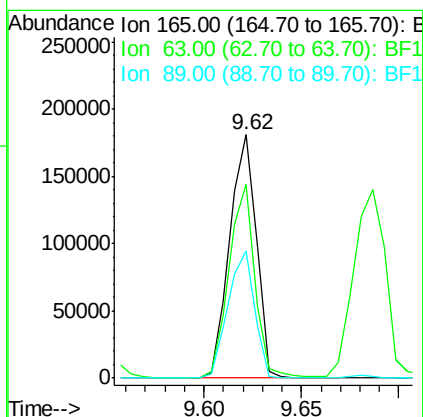
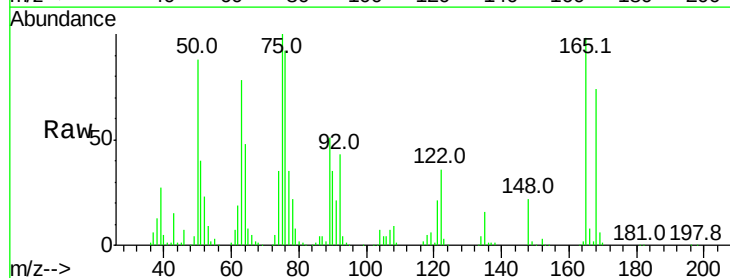
Instrument :
BNA_F
ClientSampleId :

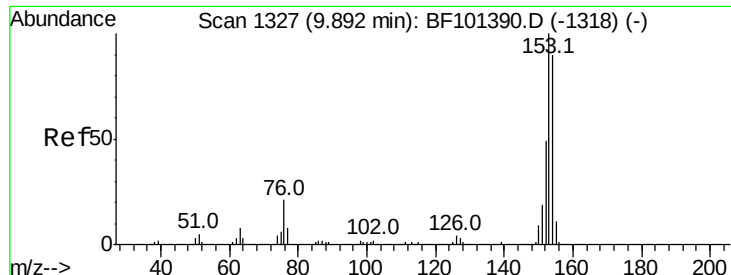
Tot Ion:163 Resp: 797296
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.3 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 40.146 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Tgt Ion:165 Resp: 171295
Ion Ratio Lower Upper
165 100
63 79.6 44.7 67.1#
89 52.4 44.0 66.0





#51

Acenaphthene

Concen: 37.842 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Instrument :

BNA_F

ClientSampleId :

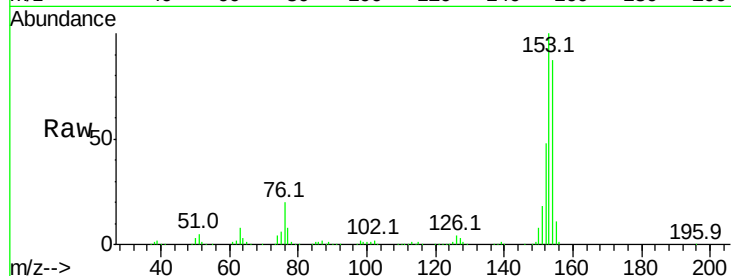
Tot Ion:154 Resp: 636003

Ion Ratio Lower Upper

154 100

153 115.3 91.2 136.8

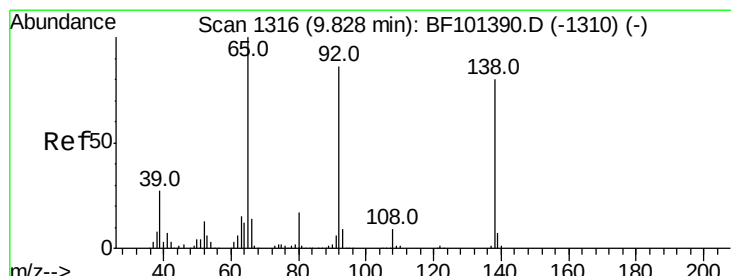
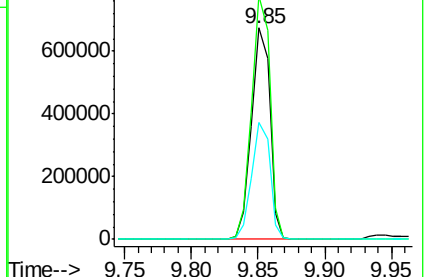
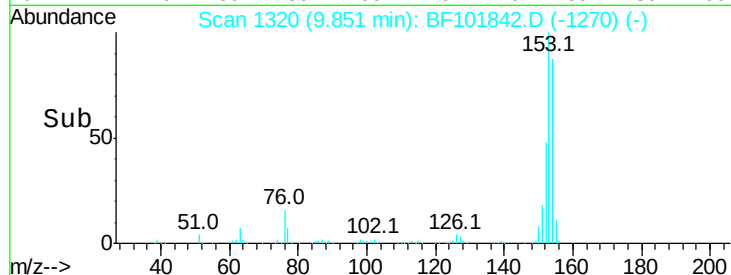
152 55.2 43.8 65.8



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: 41.827 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

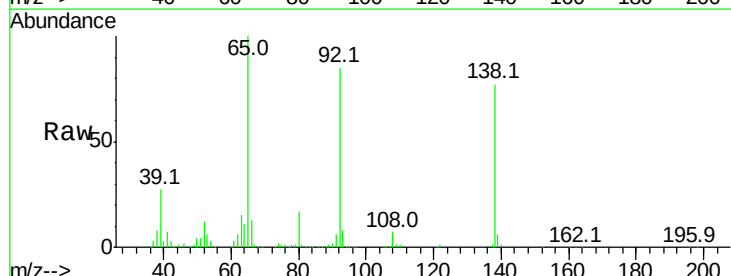
Tgt Ion:138 Resp: 222505

Ion Ratio Lower Upper

138 100

108 9.6 9.4 14.0

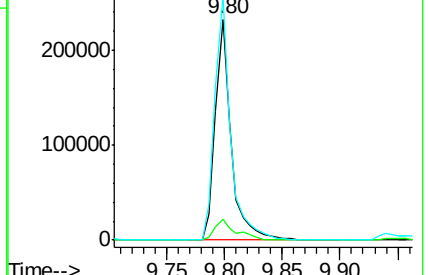
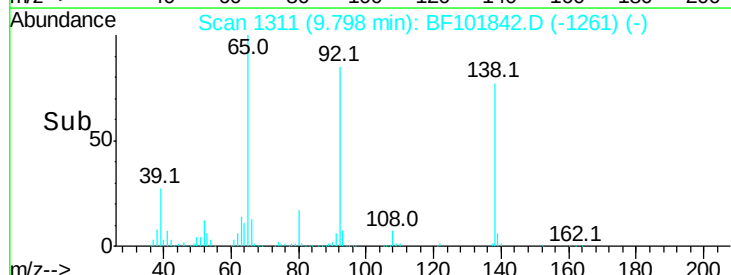
92 110.3 89.4 134.2

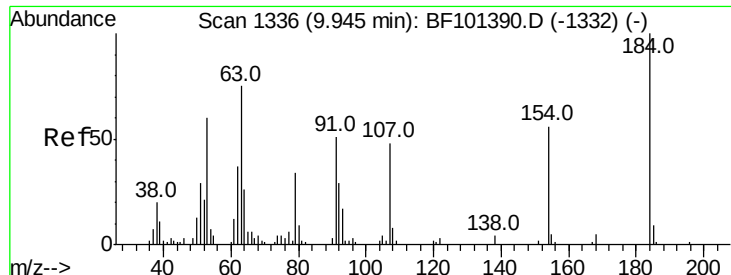


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

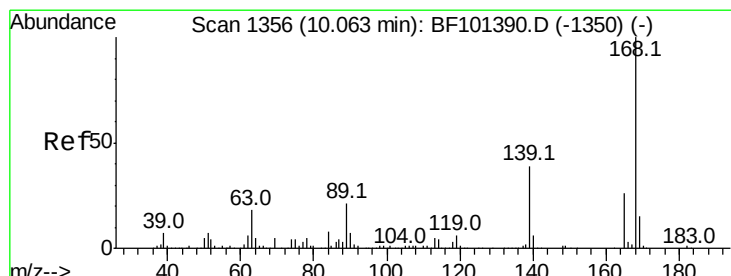
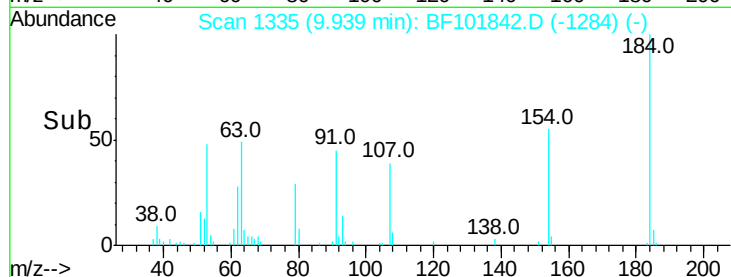
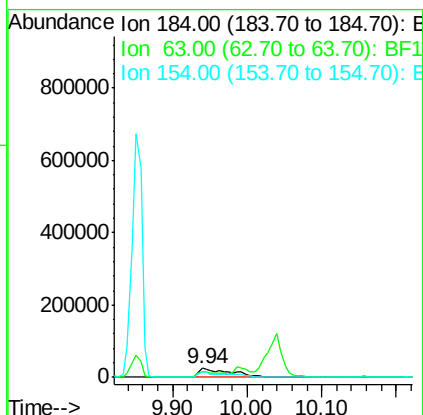
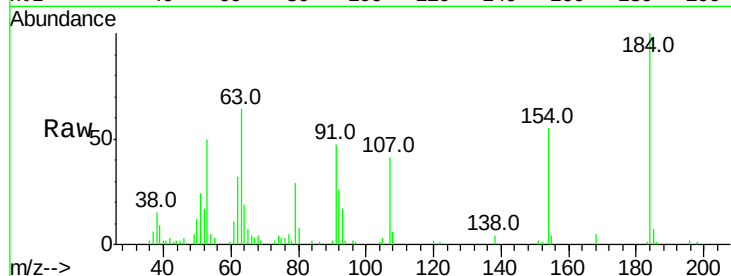




#53
 2,4-Dinitrophenol
 Concen: 57.952 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

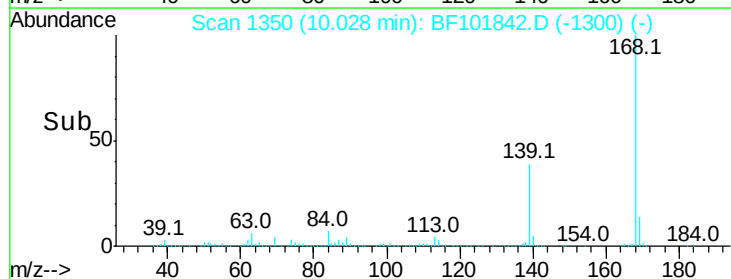
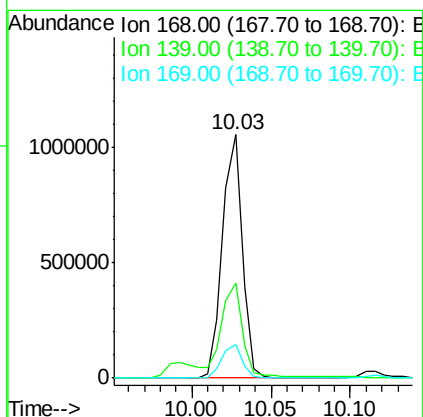
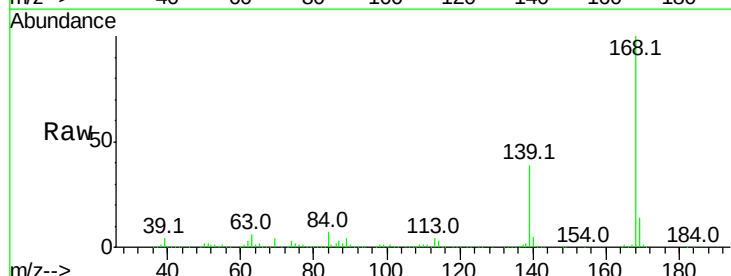
Instrument :
 BNA_F
 ClientSampled :

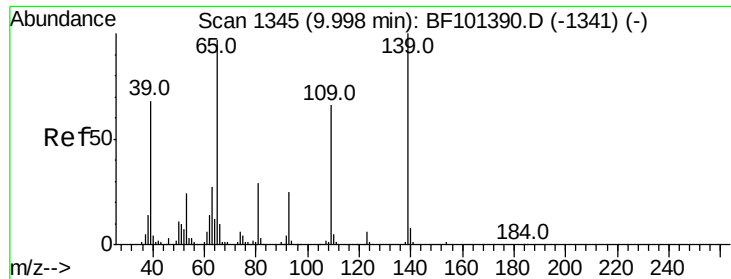
Tot Ion:184 Resp: 81270
 Ion Ratio Lower Upper
 184 100
 63 64.4 54.2 81.2
 154 55.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 42.890 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

Tgt Ion:168 Resp: 916066
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.1 45.1
 169 13.8 10.9 16.3

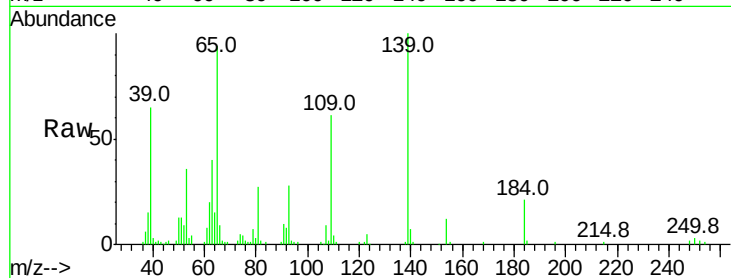




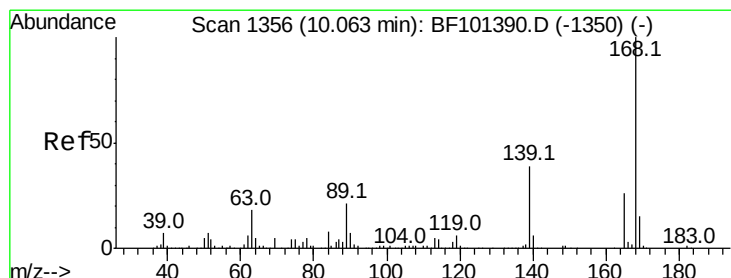
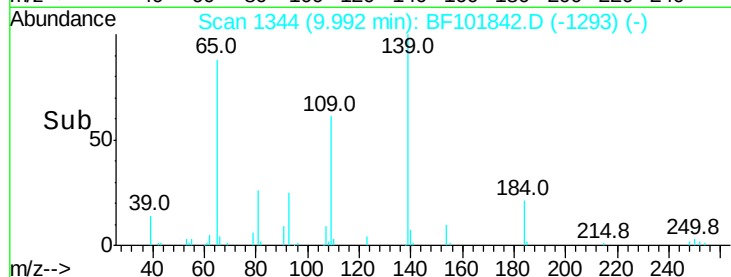
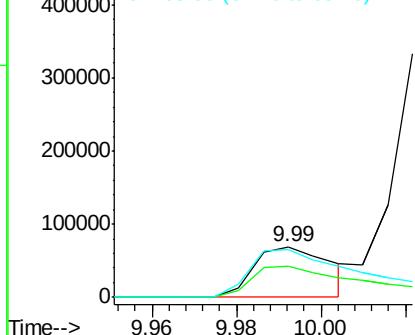
#55
4-Nitrophenol
Concen: 37.444 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 86857
Ion Ratio Lower Upper
139 100
109 61.0 48.4 88.4
65 94.5 72.6 112.6

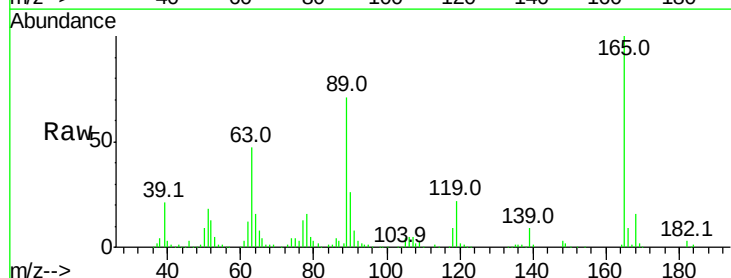


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

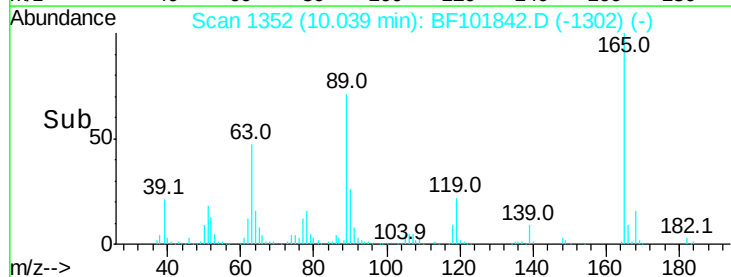
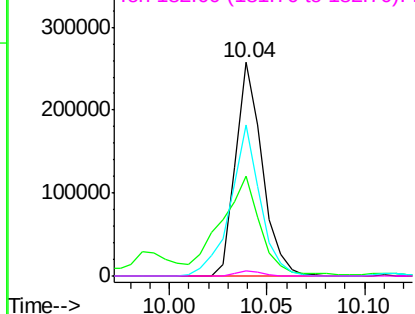


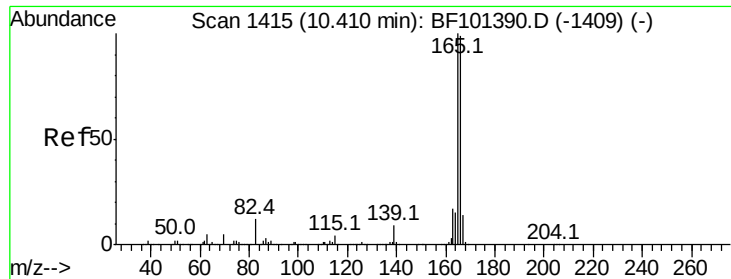
#56
2,4-Dinitrotoluene
Concen: 50.621 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Tgt Ion:165 Resp: 243351
Ion Ratio Lower Upper
165 100
63 46.6 36.4 54.6
89 70.9 57.8 86.6
182 2.5 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.342 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Instrument :

BNA_F

ClientSampleId :

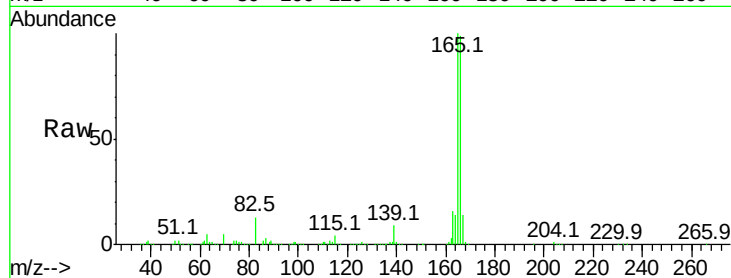
Tot Ion:166 Resp: 746970

Ion Ratio Lower Upper

166 100

165 100.5 79.8 119.8

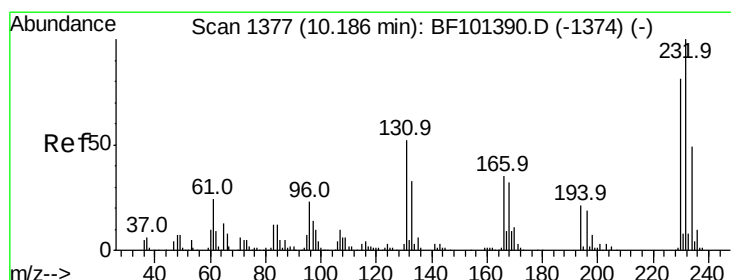
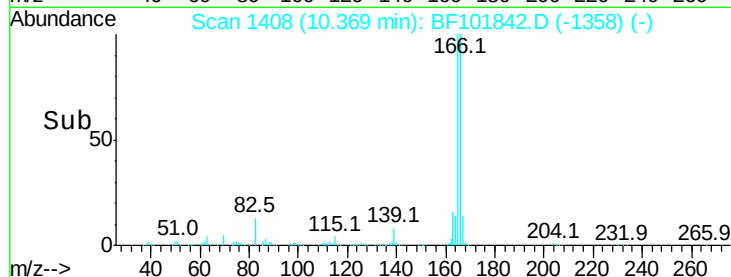
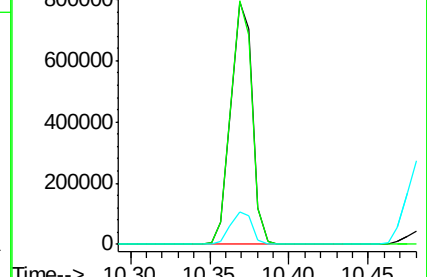
167 13.6 10.6 16.0



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: 42.470 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Tgt Ion:232 Resp: 177240

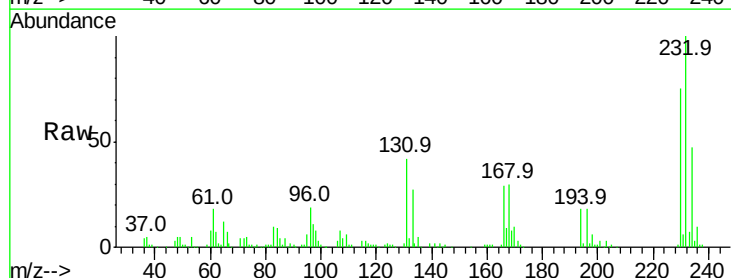
Ion Ratio Lower Upper

232 100

131 40.8 43.8 65.8#

130 2.1 2.1 3.1

166 27.0 27.8 41.6#

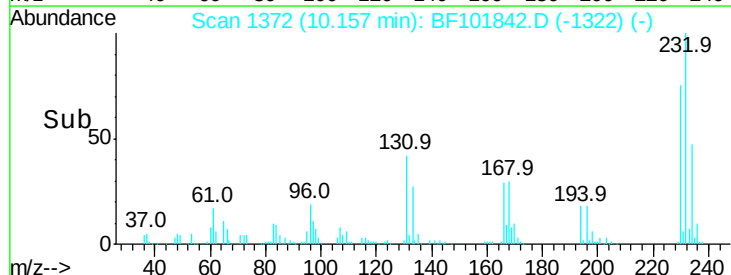
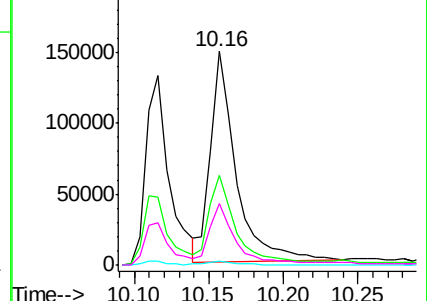


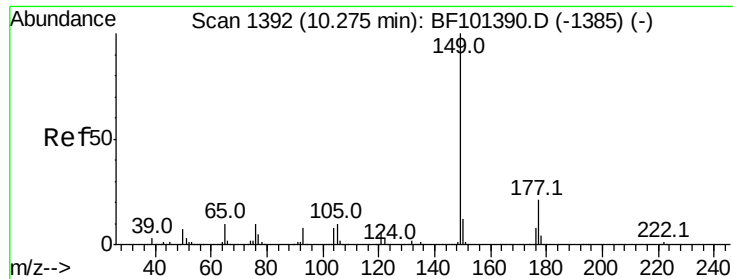
Abundance Ion 232.00 (231.70 to 232.70): E

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

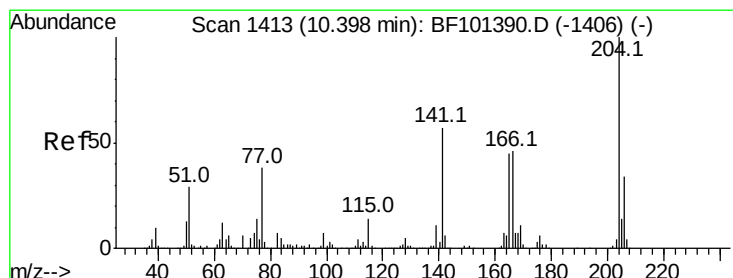
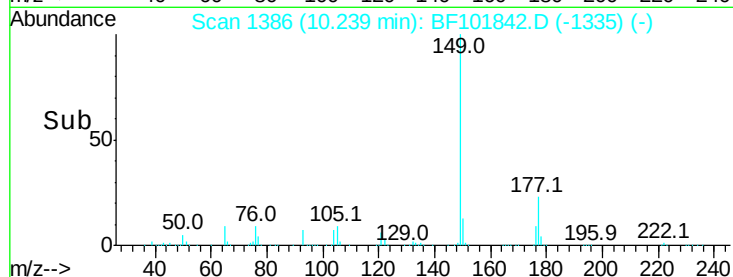
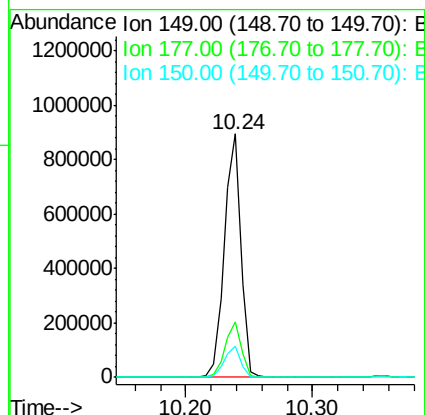
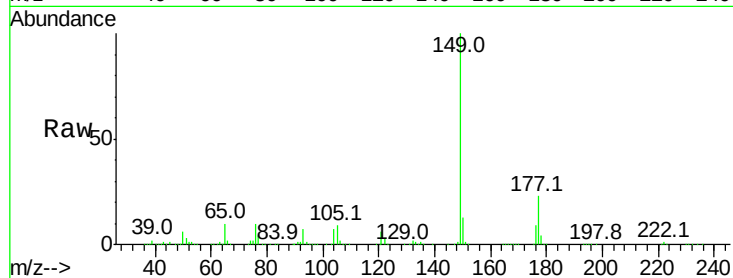




#59
Diethylphthalate
Concen: 39.145 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

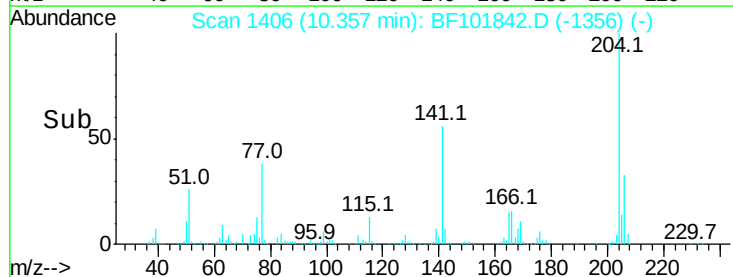
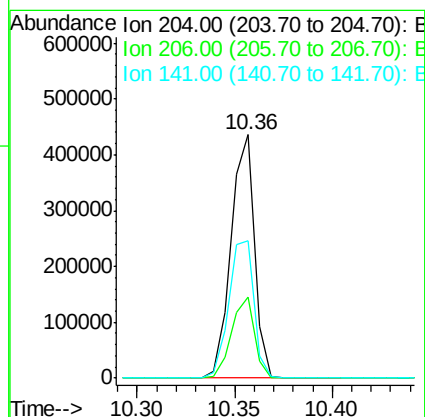
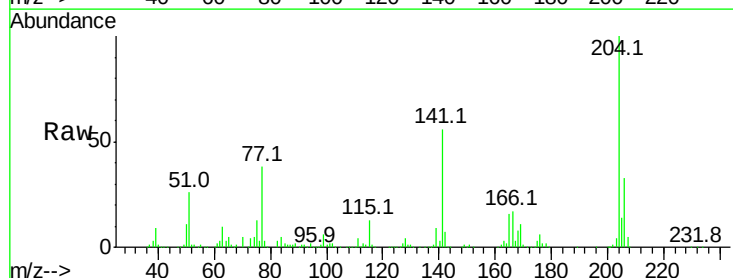
Instrument :
BNA_F
ClientSampled :

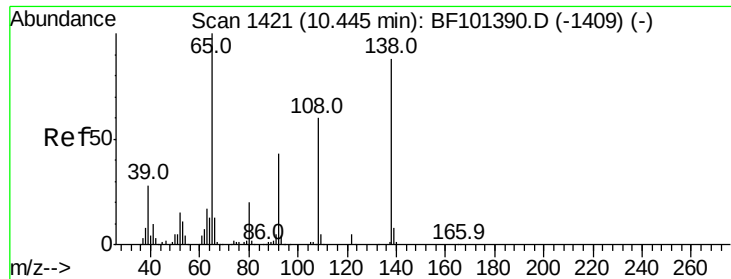
Tot Ion:149 Resp: 813808
Ion Ratio Lower Upper
149 100
177 22.7 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.022 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Tgt Ion:204 Resp: 363882
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 56.2 54.6 81.8

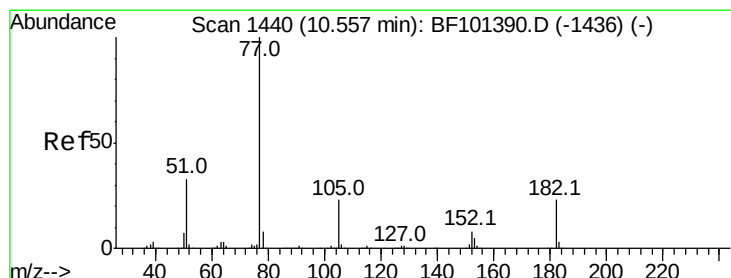
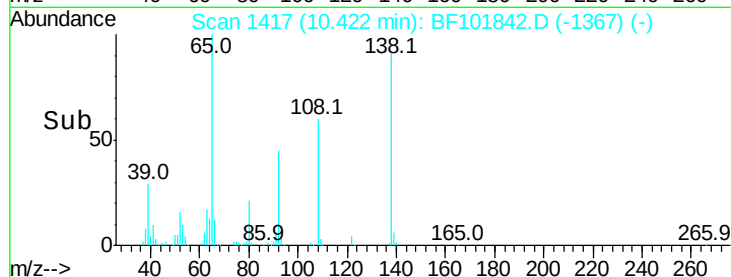
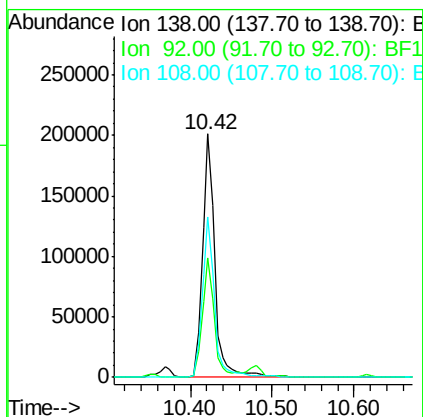
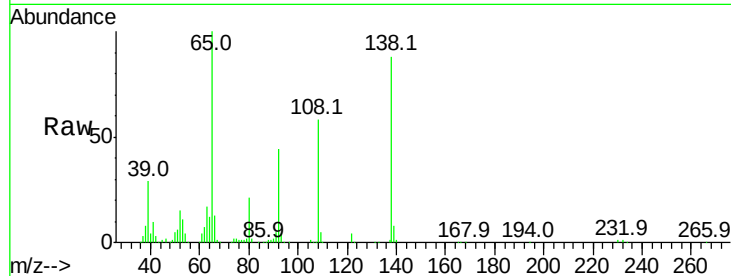




#61
4-Nitroaniline
Concen: 40.068 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

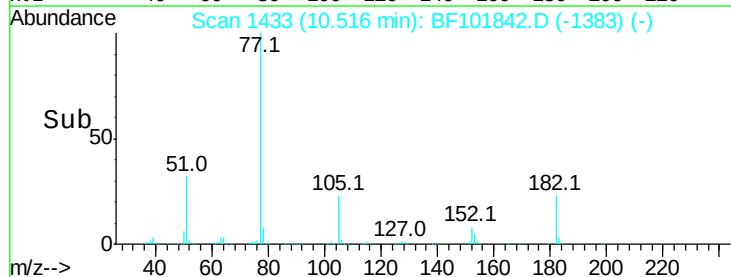
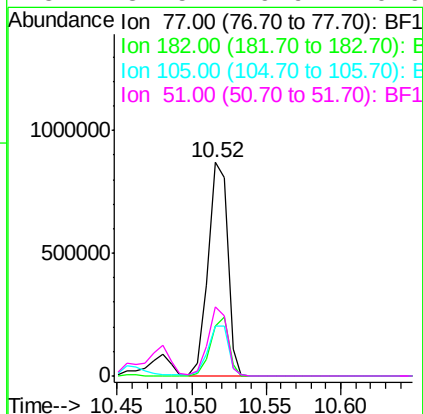
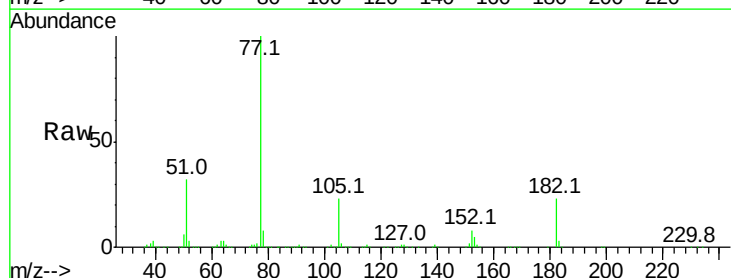
Instrument :
BNA_F
ClientSampleId :

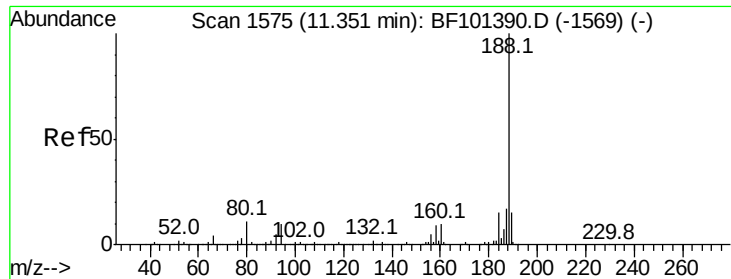
Tot Ion:138 Resp: 214248
Ion Ratio Lower Upper
138 100
92 49.3 30.2 70.2
108 65.9 52.5 92.5



#62
Azobenzene
Concen: 36.462 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Tgt Ion: 77 Resp: 785269
Ion Ratio Lower Upper
77 100
182 23.4 1.7 41.7
105 23.5 3.0 43.0
51 32.5 9.9 49.9

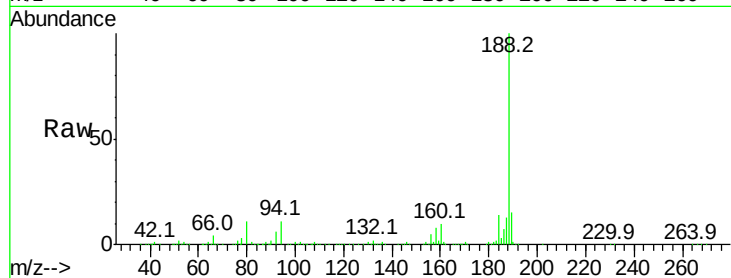




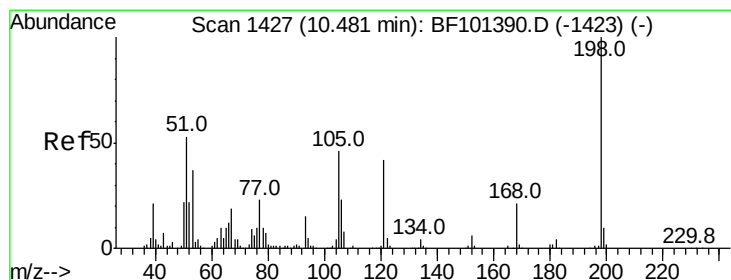
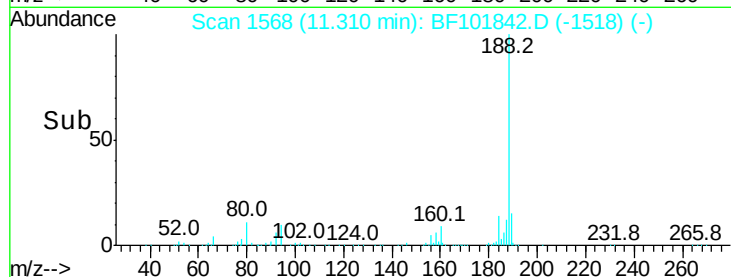
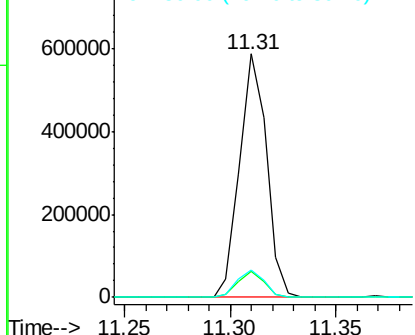
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 520966
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.4 9.2 13.8

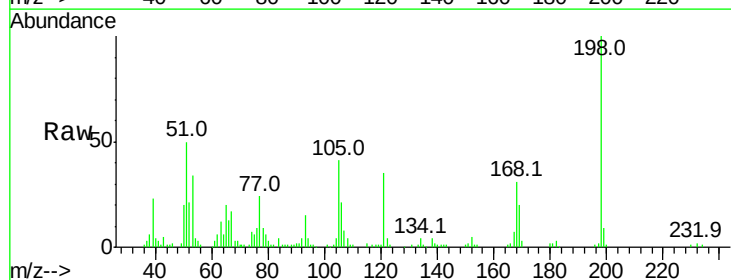


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

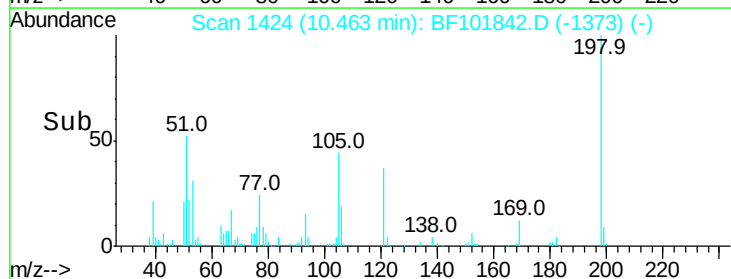
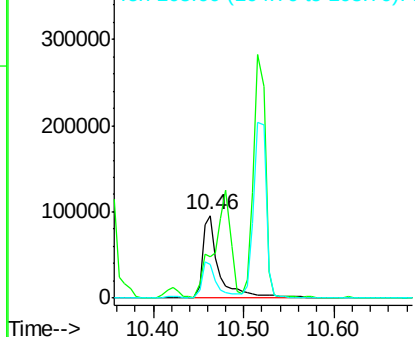


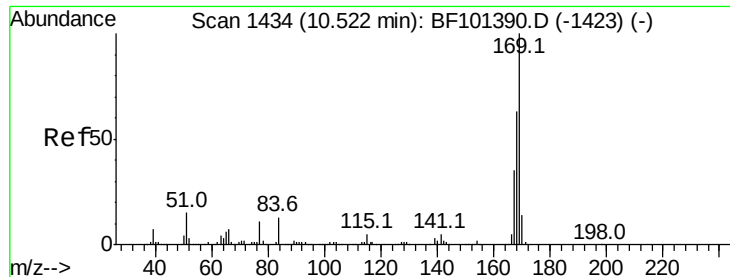
#64
4,6-Dinitro-2-methylphenol
Concen: 46.138 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Tgt Ion:198 Resp: 122660
Ion Ratio Lower Upper
198 100
51 49.7 37.7 77.7
105 41.0 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.718 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Instrument :

BNA_F

ClientSampleId :

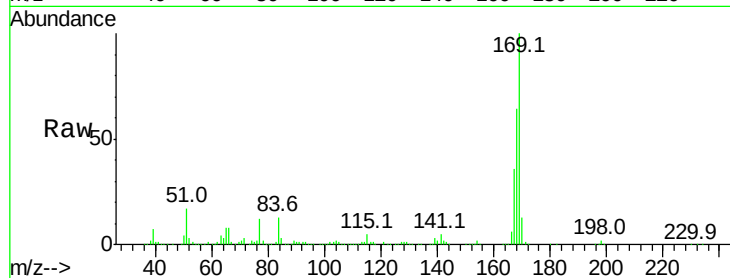
Tot Ion:169 Resp: 706322

Ion Ratio Lower Upper

169 100

168 64.1 54.4 81.6

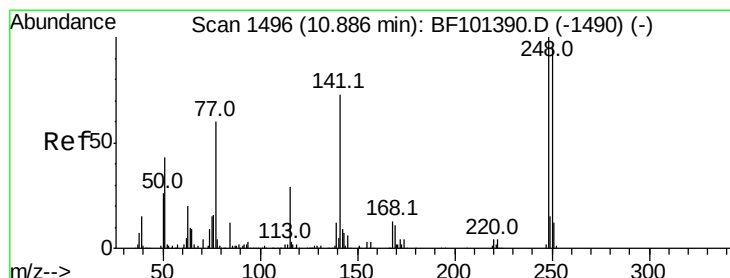
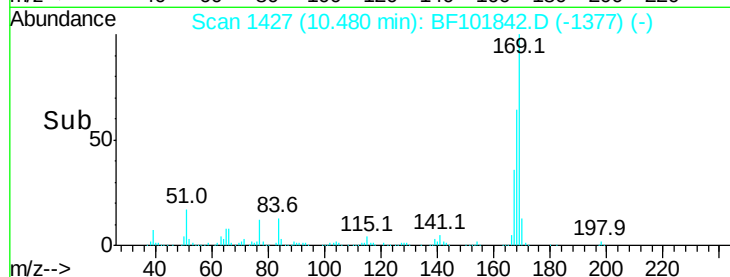
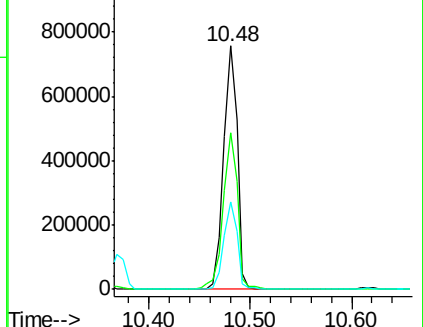
167 36.2 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.711 ng

RT: 10.85 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

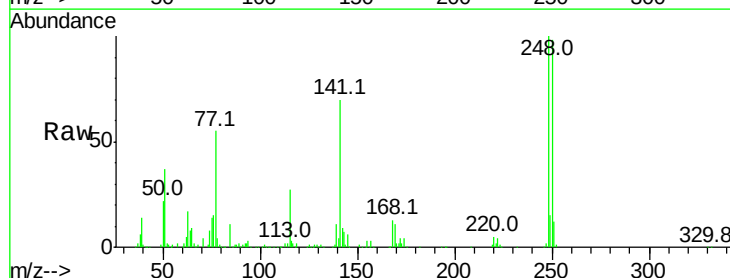
Tgt Ion:248 Resp: 226604

Ion Ratio Lower Upper

248 100

250 98.3 76.9 115.3

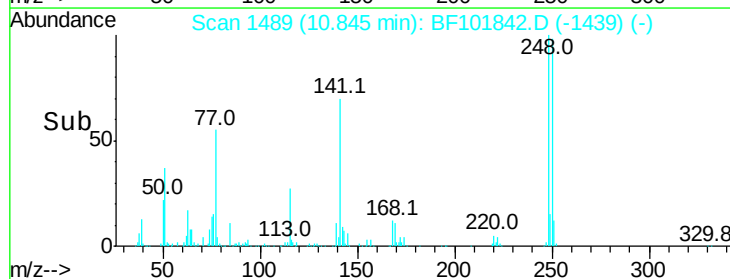
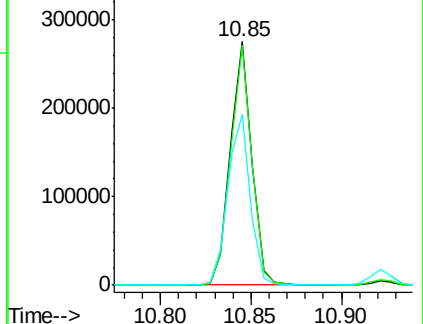
141 70.0 74.4 111.6#

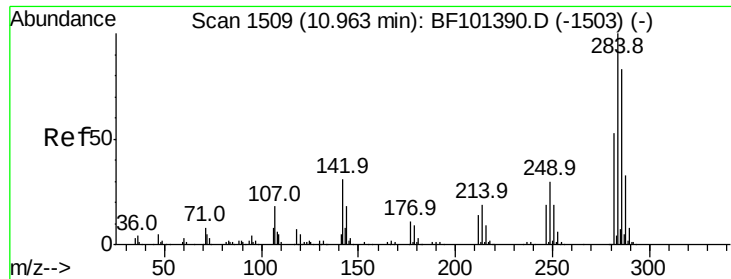


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

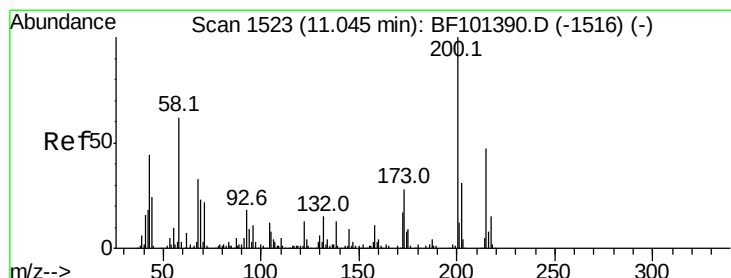
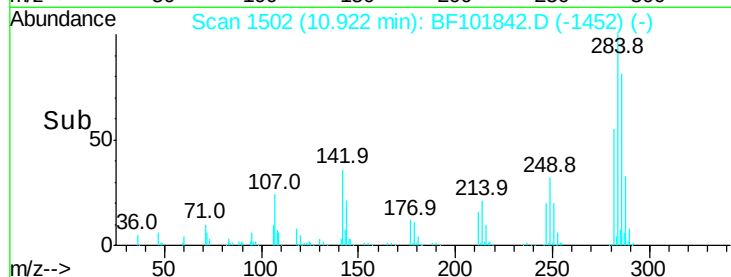
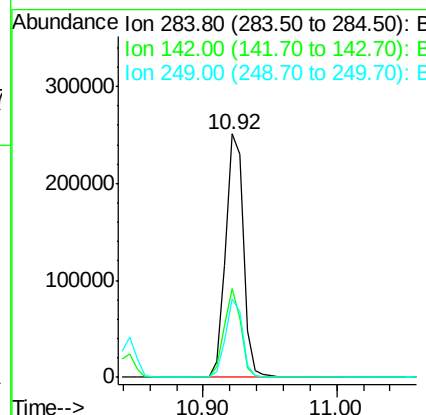
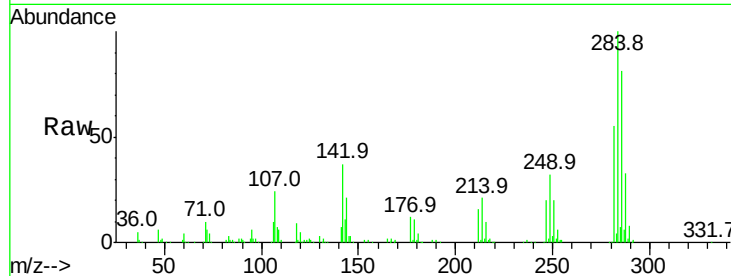




#67
Hexachlorobenzene
Concen: 38.574 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

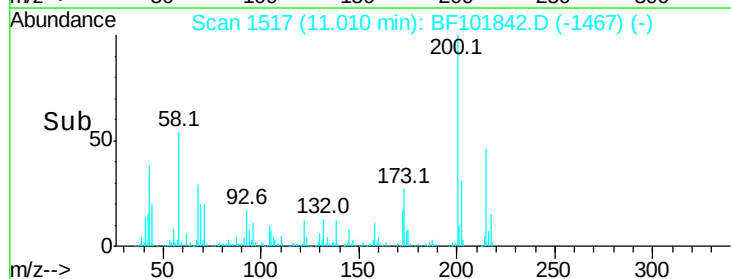
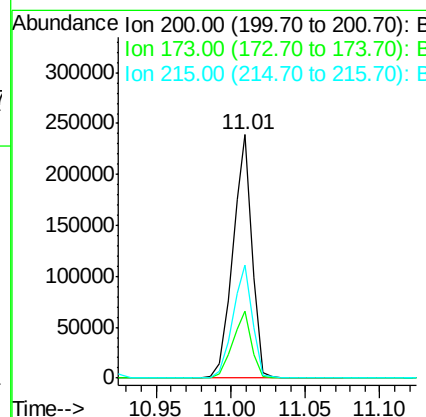
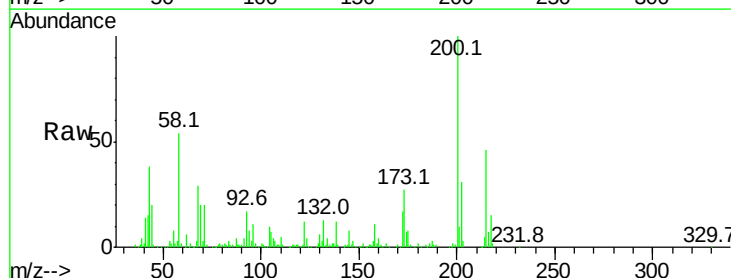
Instrument :
BNA_F
ClientSampleId :

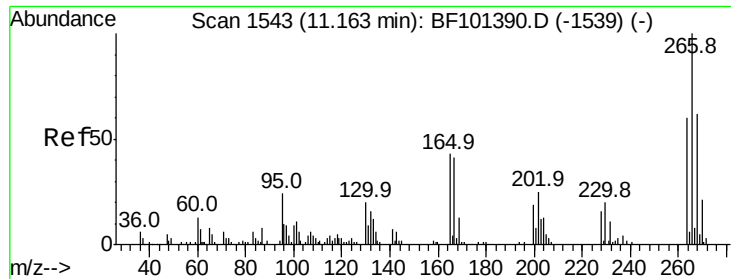
Tot Ion:284 Resp: 238979
Ion Ratio Lower Upper
284 100
142 36.7 34.6 52.0
249 32.1 24.8 37.2



#68
Atrazine
Concen: 37.938 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Tgt Ion:200 Resp: 217606
Ion Ratio Lower Upper
200 100
173 27.3 8.6 48.6
215 46.5 25.1 65.1

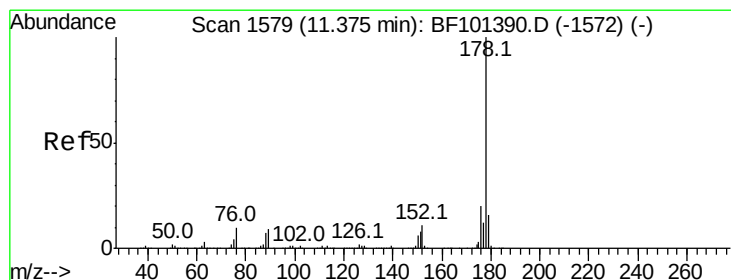
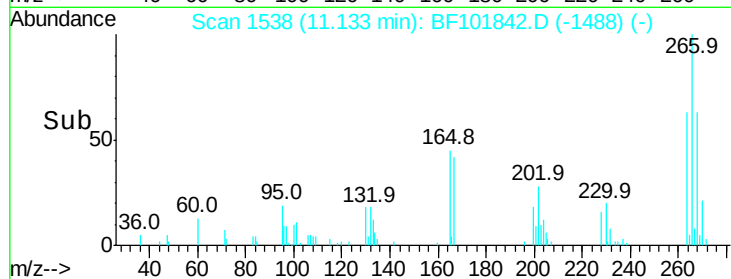
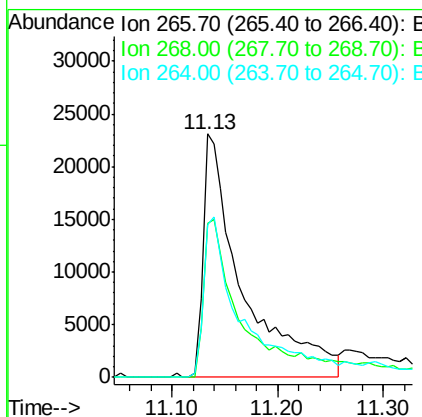
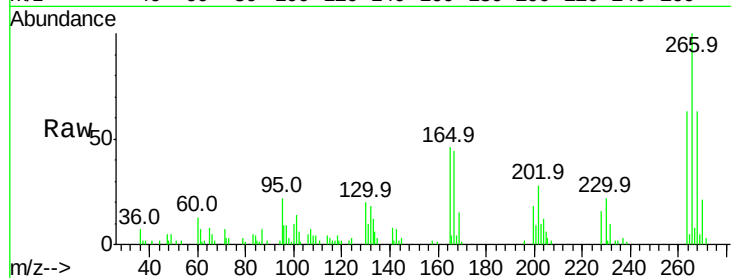




#69
 Pentachlorophenol
 Concen: 29.370 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

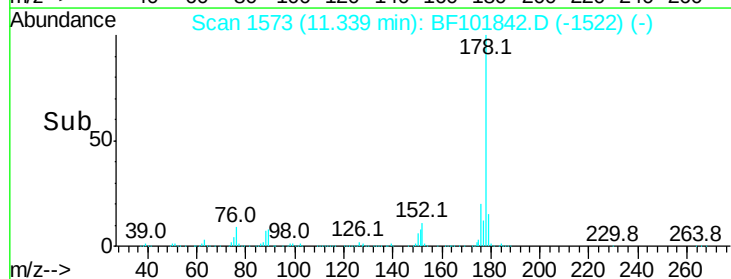
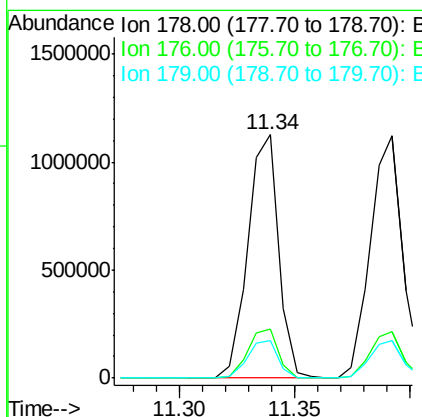
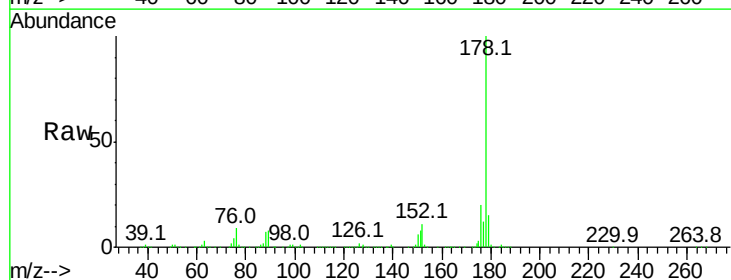
Instrument :
 BNA_F
 ClientSampleId :

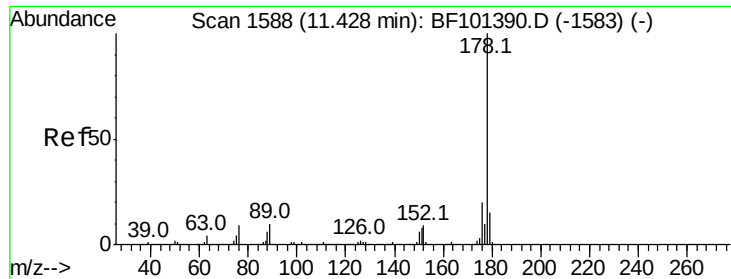
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	63.0	49.5	74.3



#70
 Phenanthrene
 Concen: 36.290 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.4	13.0	19.6

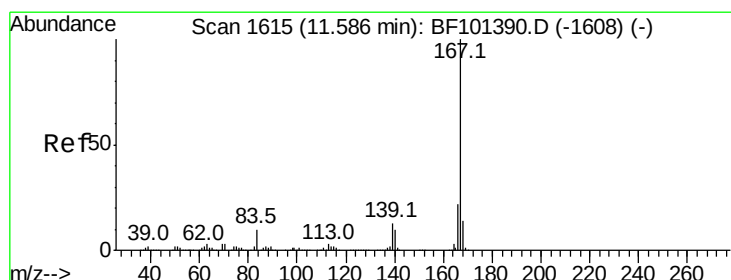
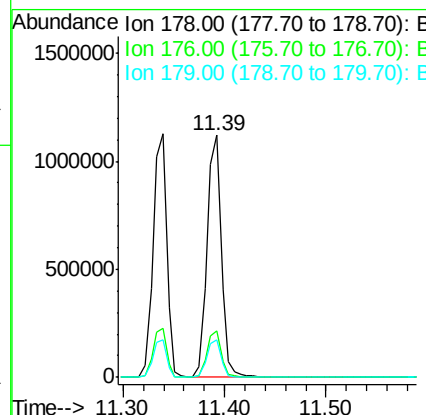
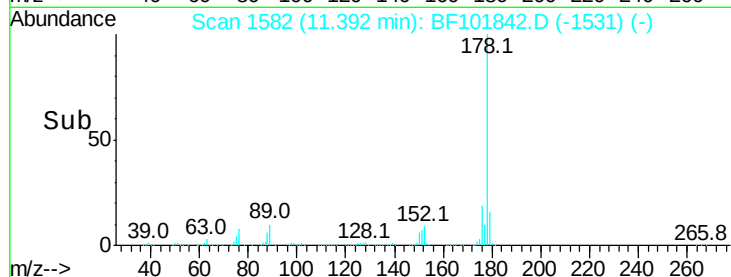
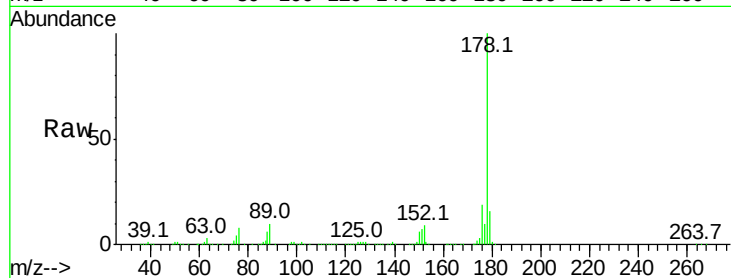




#71
 Anthracene
 Concen: 37.084 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

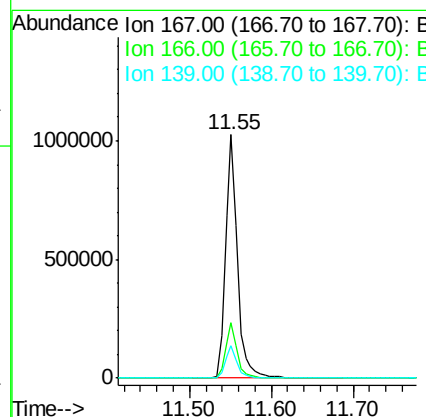
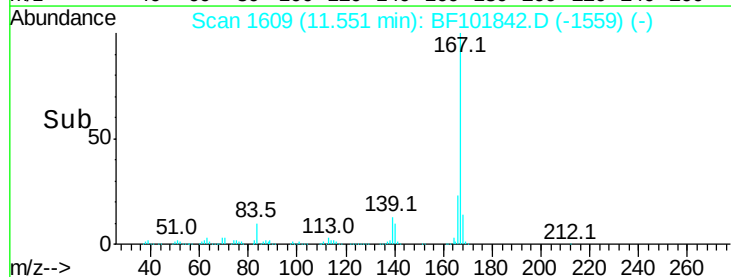
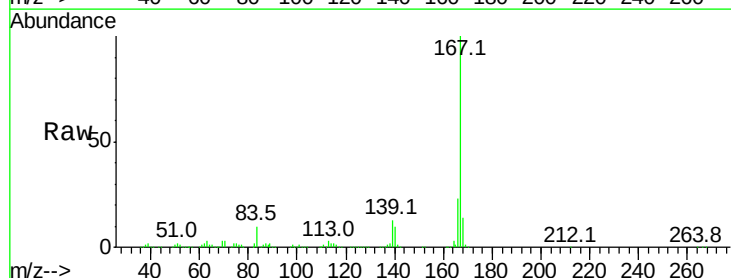
Instrument :
 BNA_F
 ClientSampleId :

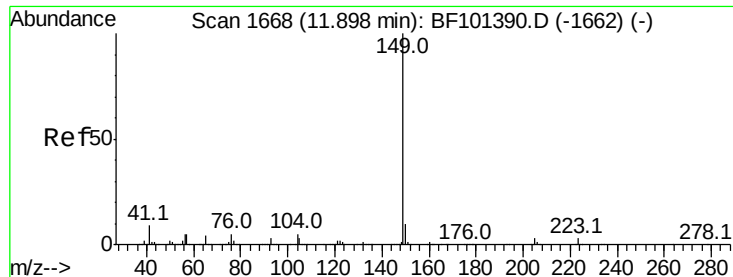
Tot Ion:178 Resp: 1097455
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 37.655 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

Tgt Ion:167 Resp: 1043317
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.231 ng

RT: 11.86 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Instrument :

BNA_F

ClientSampleId :

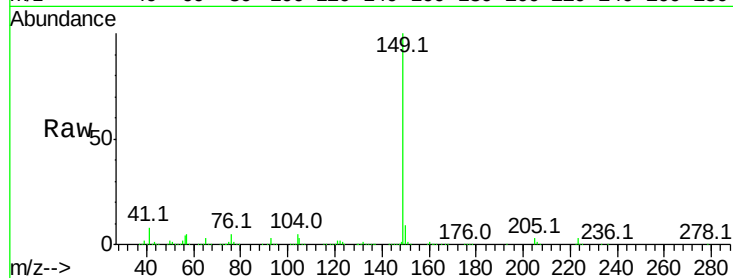
Tot Ion:149 Resp: 1285693

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

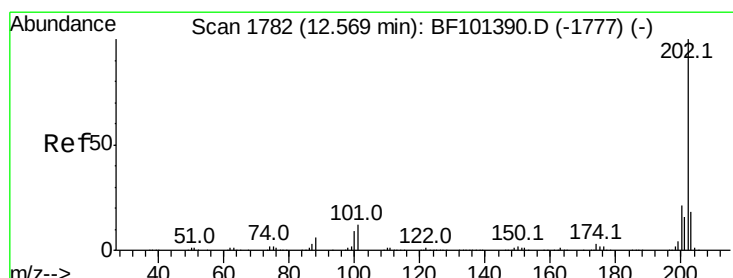
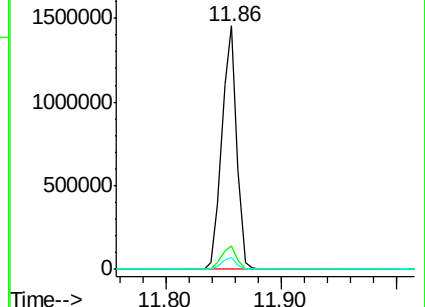
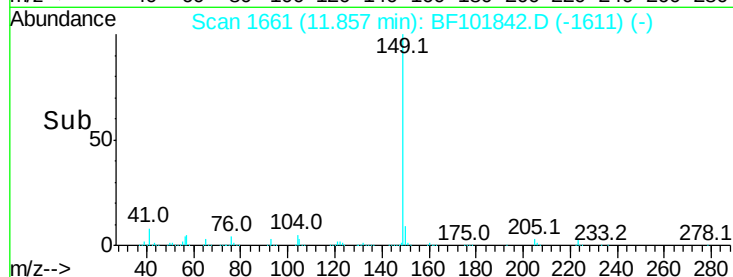
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.719 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

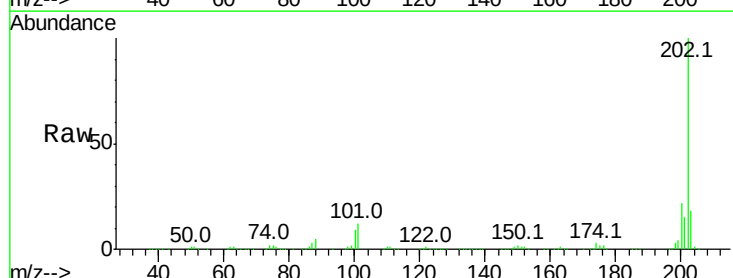
Tgt Ion:202 Resp: 1116611

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

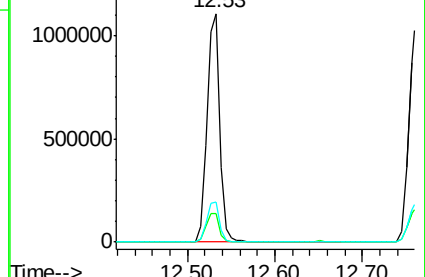
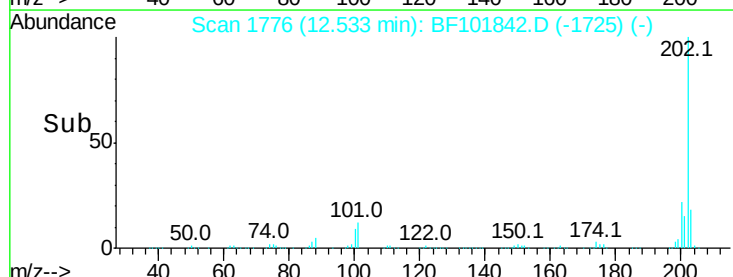
203 17.8 0.0 38.1

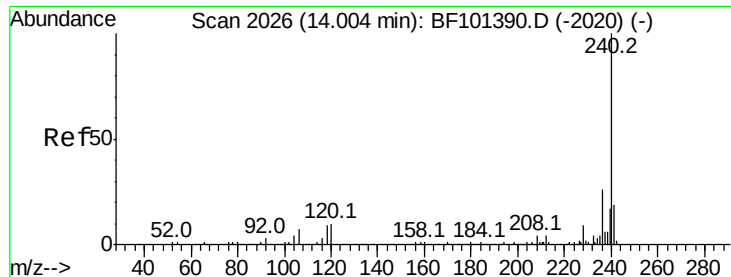


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Instrument :

BNA_F

ClientSampleId :

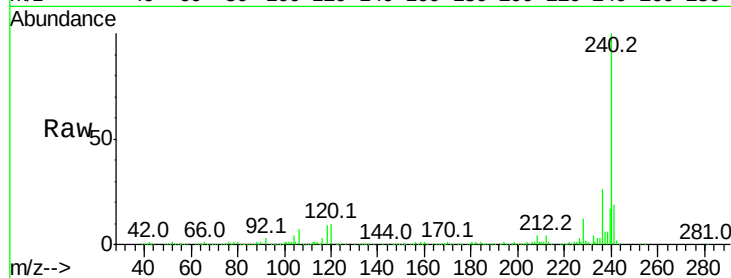
Tot Ion:240 Resp: 377220

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

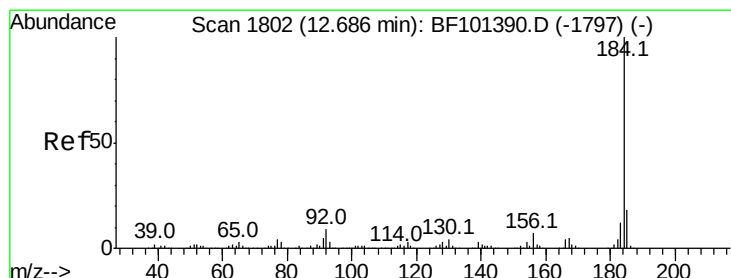
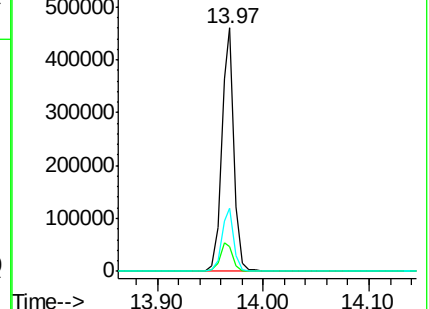
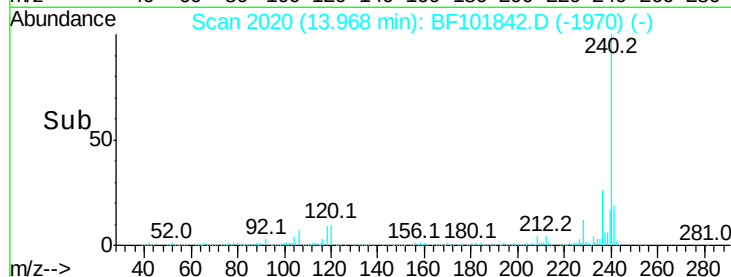
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.223 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

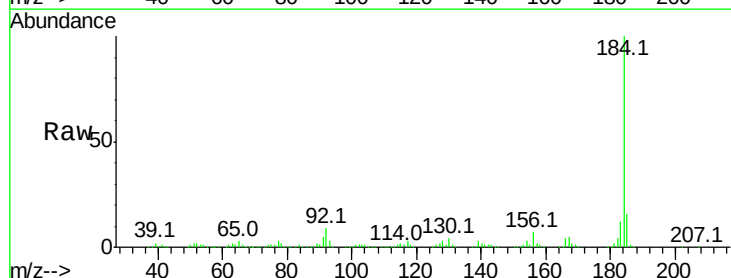
Tgt Ion:184 Resp: 752361

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

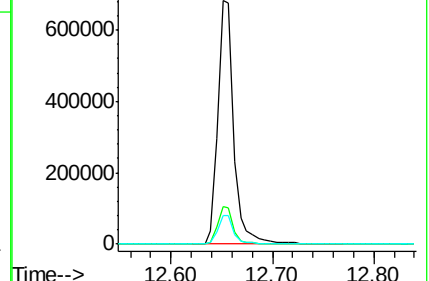
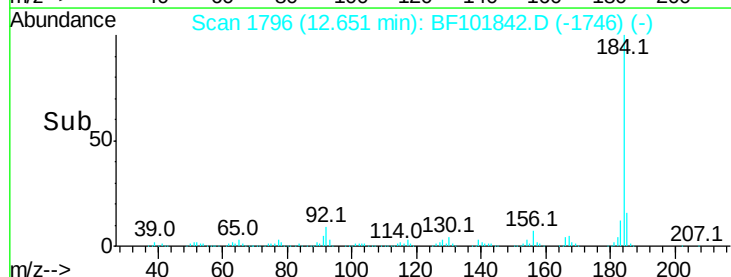
183 11.7 9.3 13.9

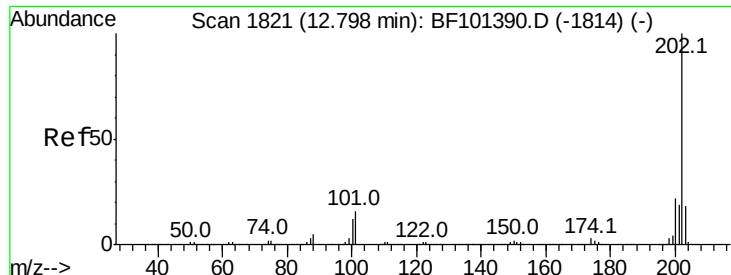


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

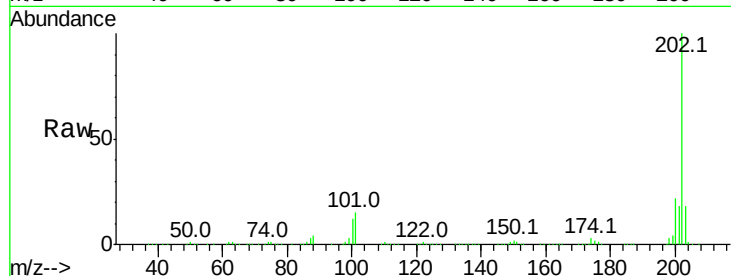




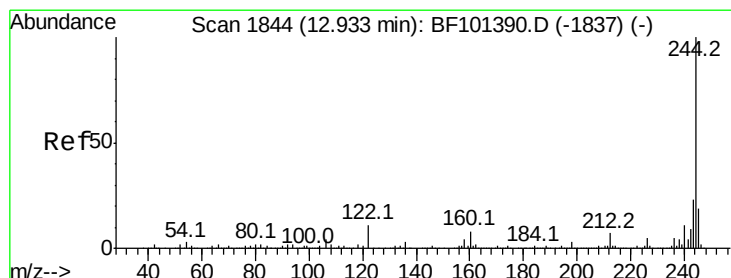
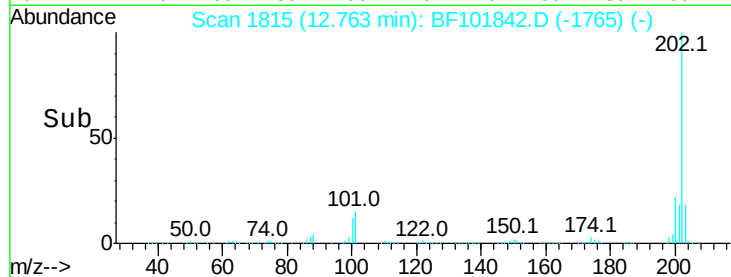
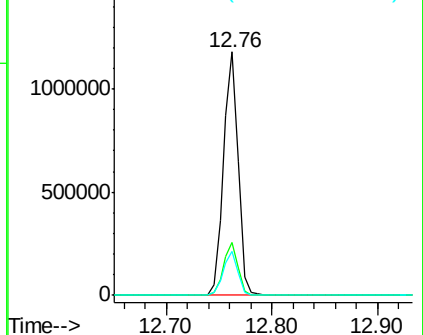
#77
Pvrene
Concen: 40.494 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1146382
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.8 14.3 21.5

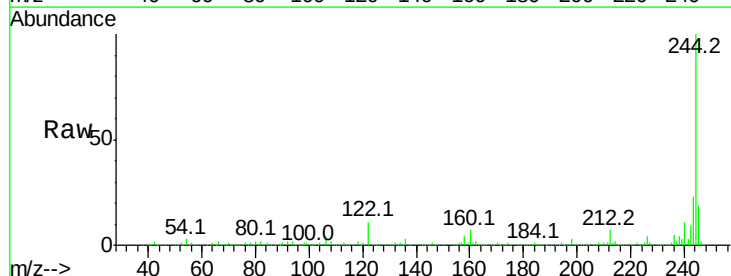


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

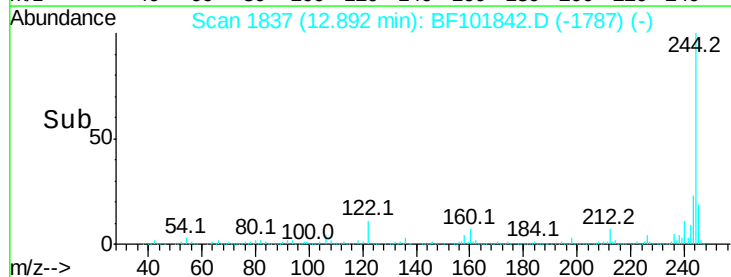
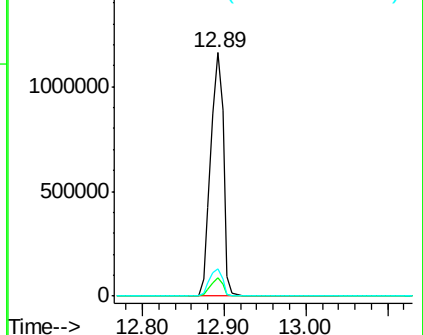


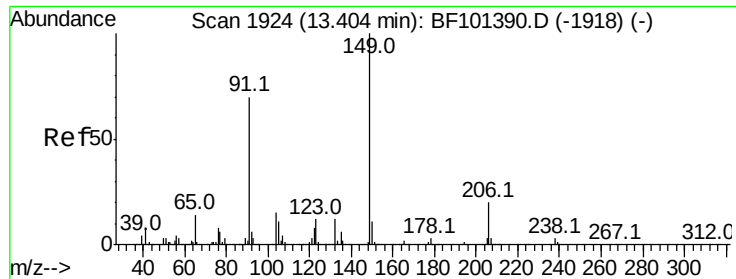
#78
Terphenyl-d14
Concen: 80.317 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Tgt Ion:244 Resp: 1256748
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 11.2 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

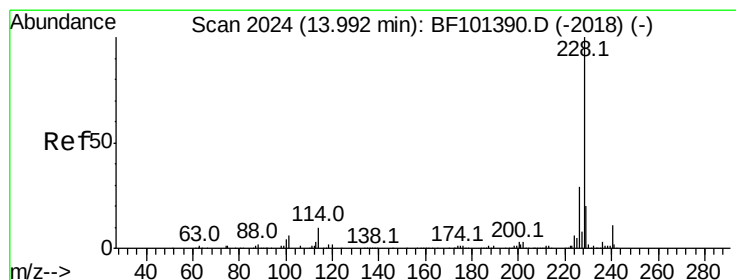
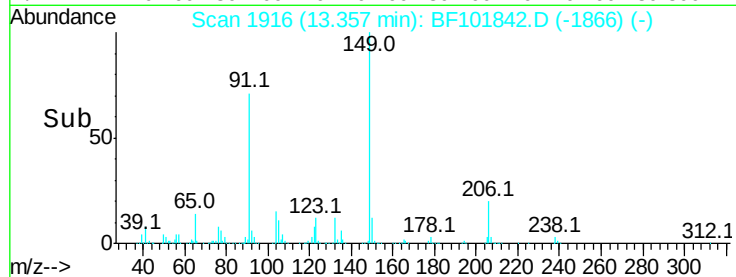
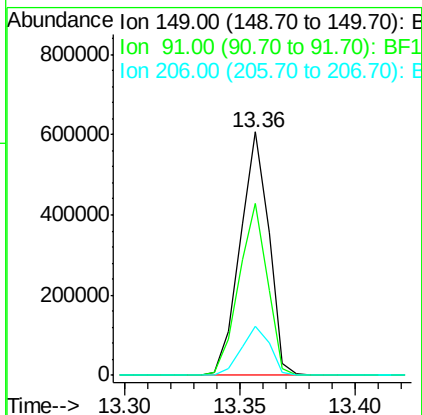
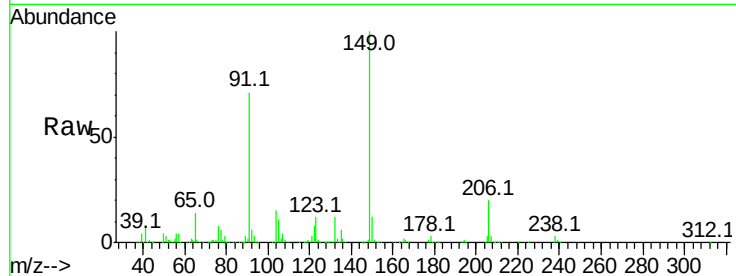




#79
Butylbenzylphthalate
Concen: 41.231 ng
RT: 13.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

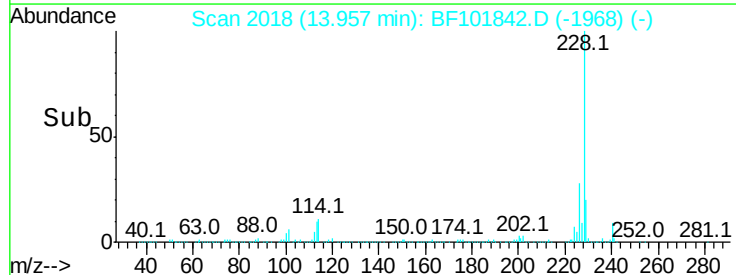
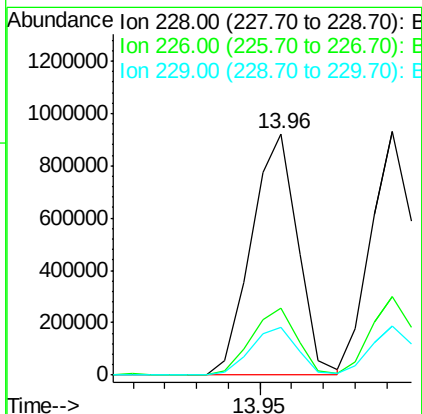
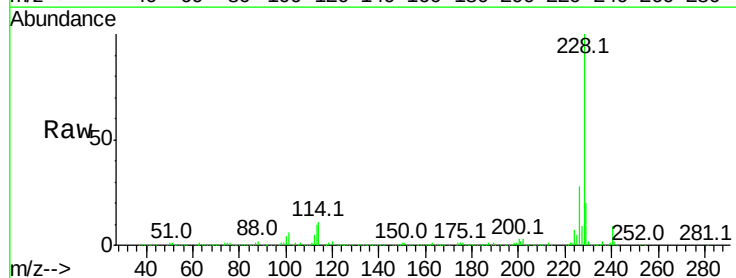
Instrument :
BNA_F
ClientSampleId :

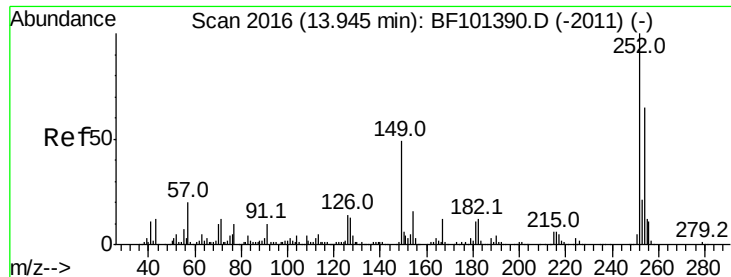
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.8	56.8	85.2
206	20.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.498 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.9	15.8	23.6

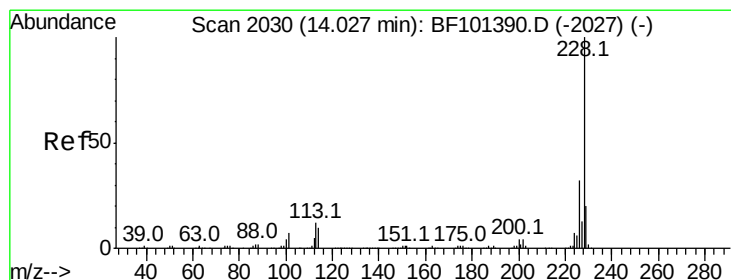
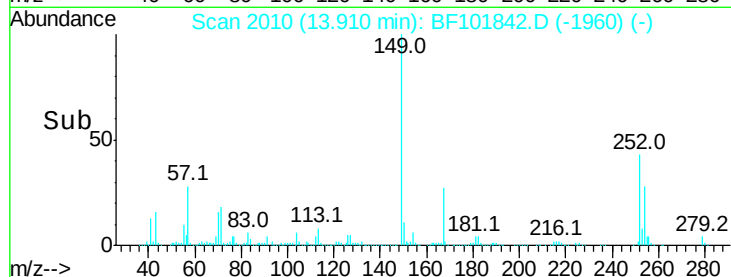
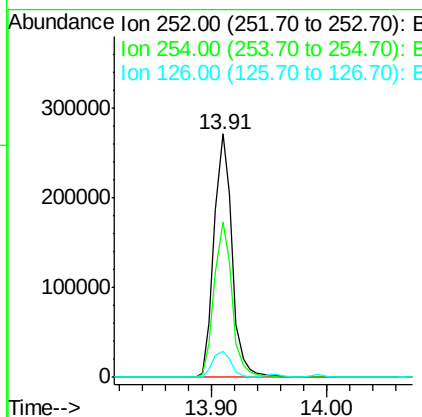
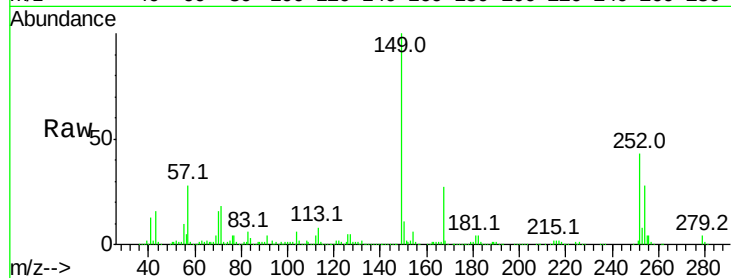




#81
 3,3'-Dichlorobenzidine
 Concen: 36.291 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

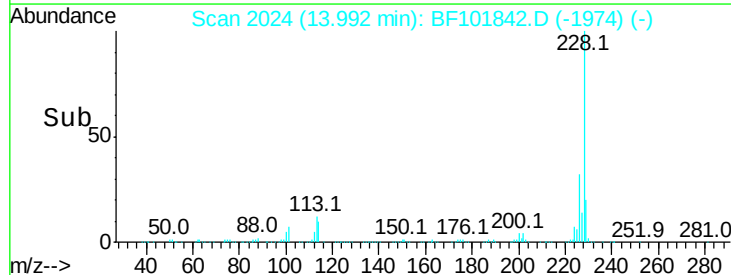
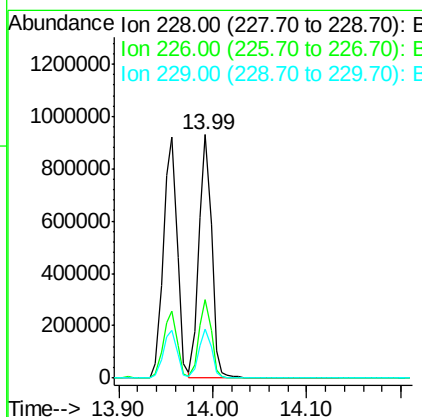
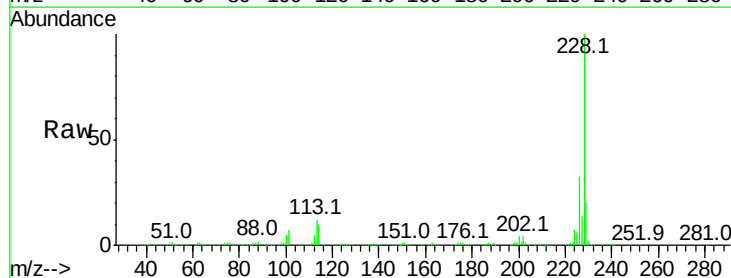
Instrument :
 BNA_F
 ClientSampleId :

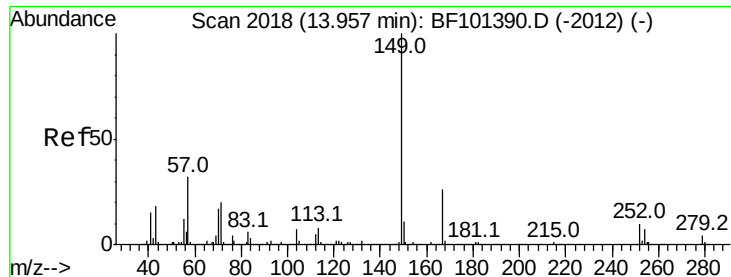
Tot Ion:252 Resp: 294751
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.4 75.6
 126 10.9 11.3 16.9#



#82
 Chrysene
 Concen: 37.226 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

Tgt Ion:228 Resp: 875494
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.0 37.6
 229 20.0 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.994 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

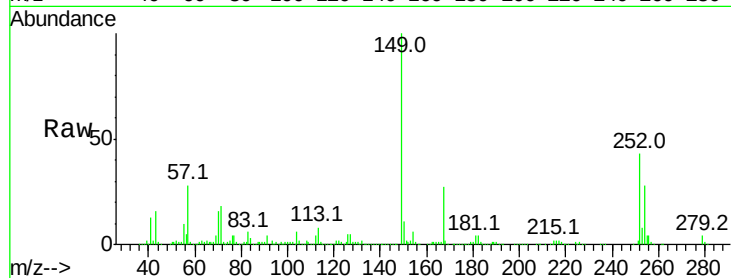
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 632671

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	4.1	3.0	4.4

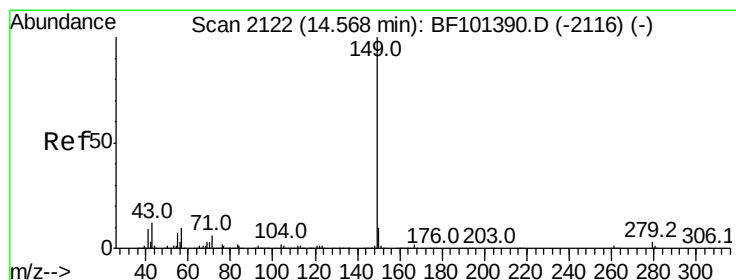
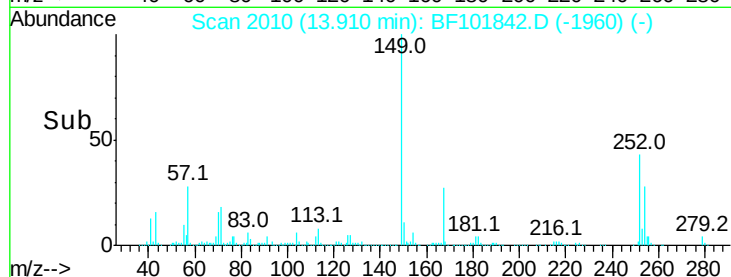
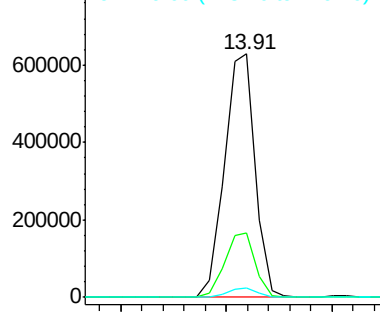


Abundance

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: 39.008 ng

RT: 14.52 min Scan# 2114

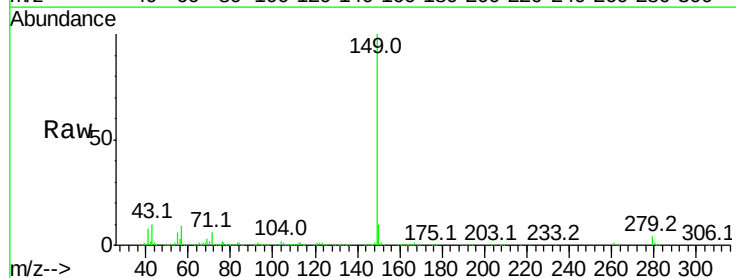
Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Tgt Ion:149 Resp: 1128728

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.1	8.4	12.6

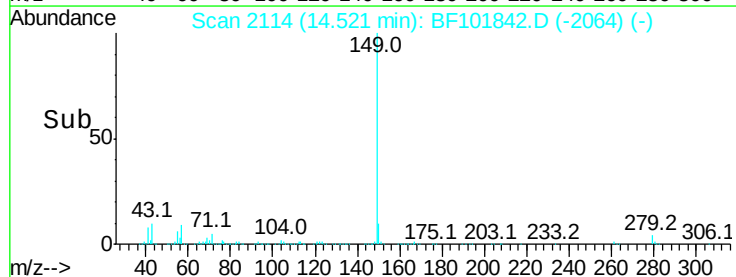
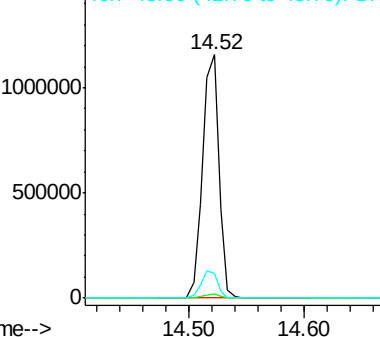


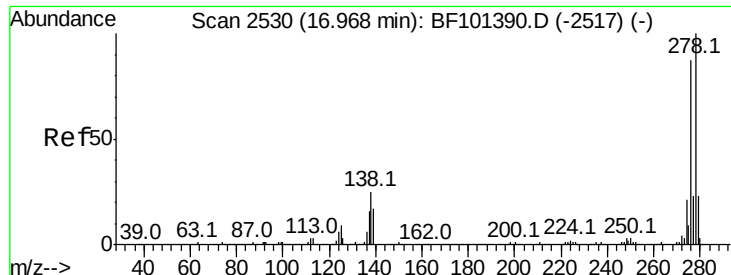
Abundance

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): BF1

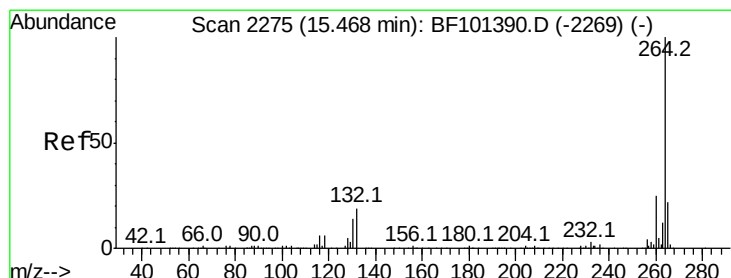
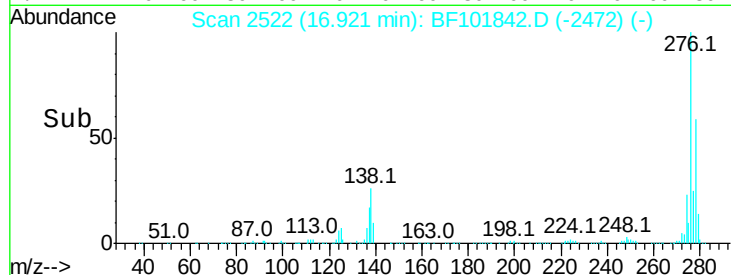
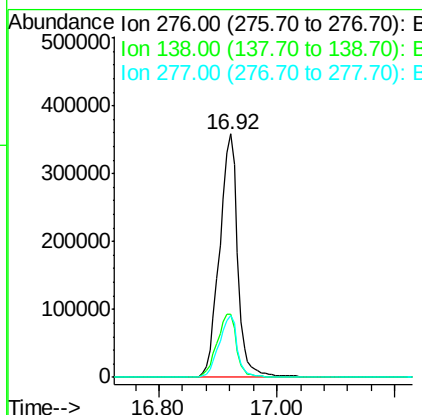
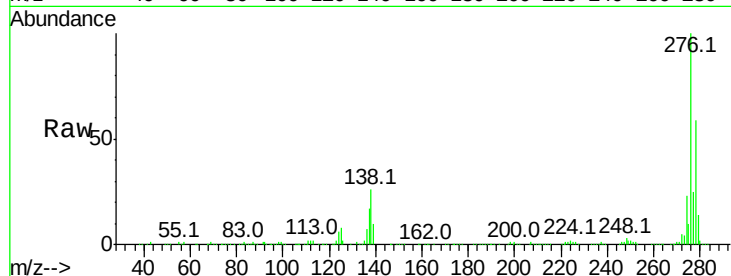




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.642 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

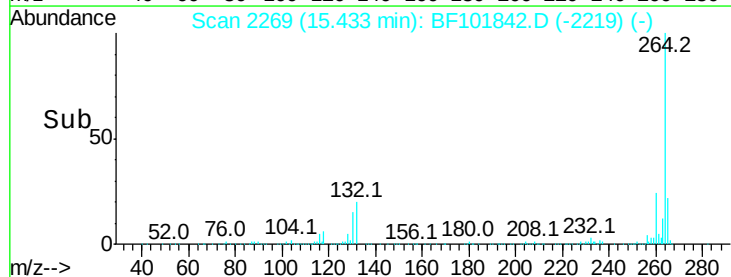
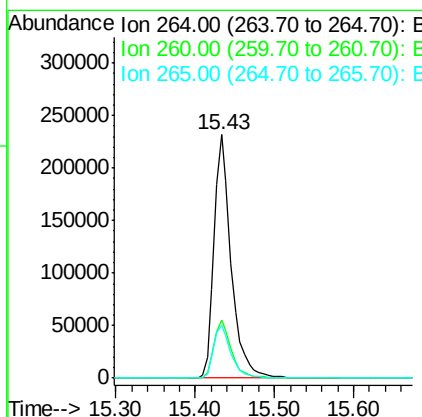
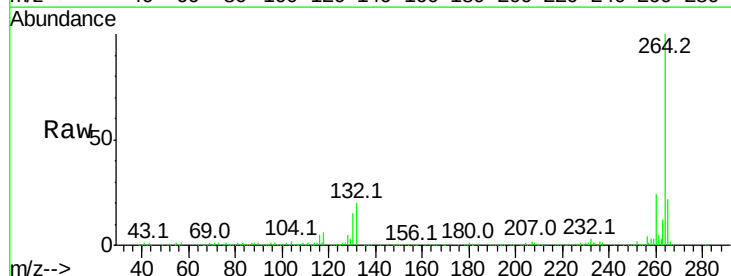
Instrument :
 BNA_F
 ClientSampled :

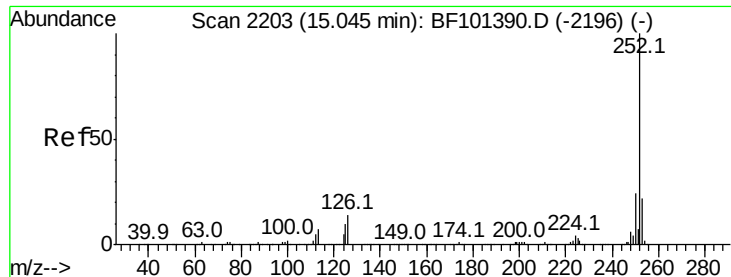
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.2	25.0	37.6
277	25.4	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF101842.D
 Acq: 2 Jan 2018 11:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 38.299 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Instrument :

BNA_F

ClientSampleId :

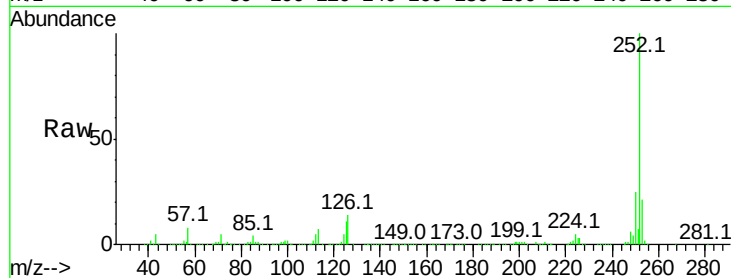
Tot Ion:252 Resp: 811180

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

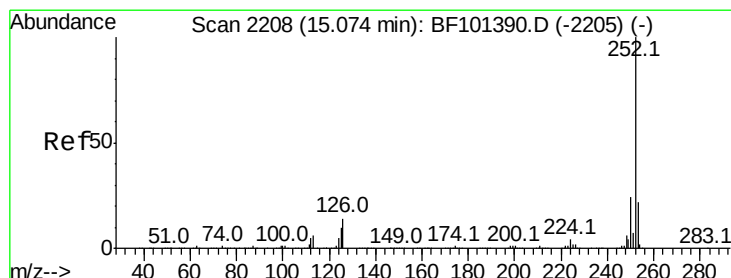
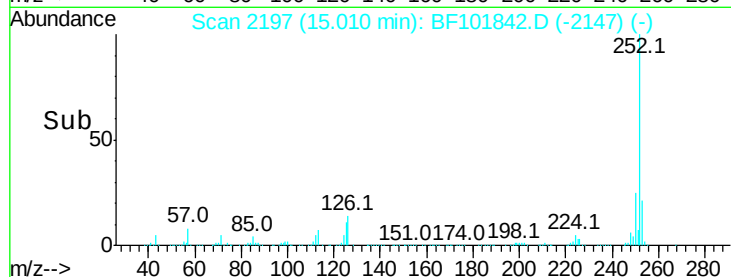
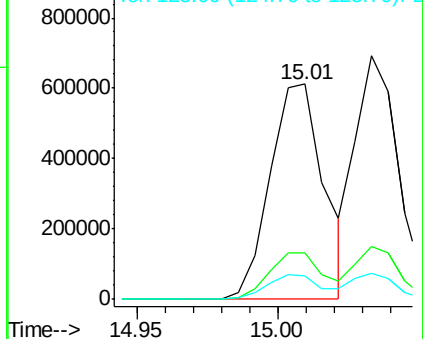
125 10.7 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 36.821 ng

RT: 15.03 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

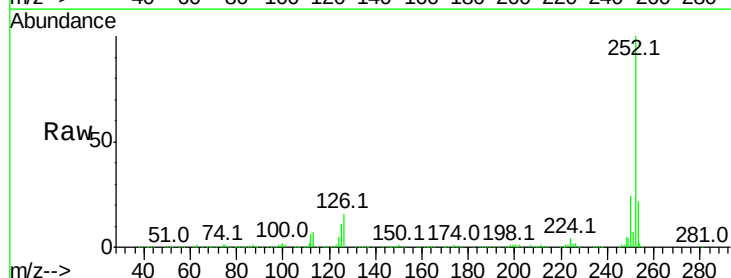
Tgt Ion:252 Resp: 758262

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

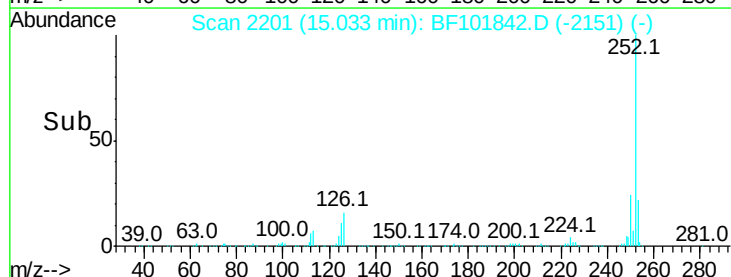
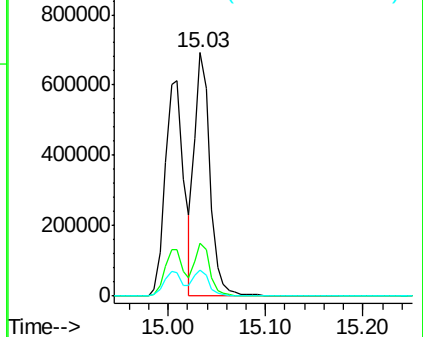
125 10.9 10.2 15.2

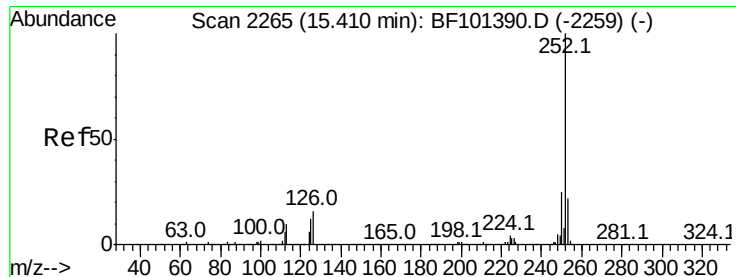


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.129 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

Instrument :

BNA_F

ClientSampleId :

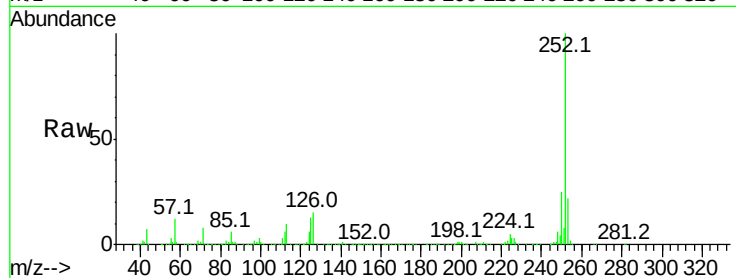
Tot Ion:252 Resp: 724961

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

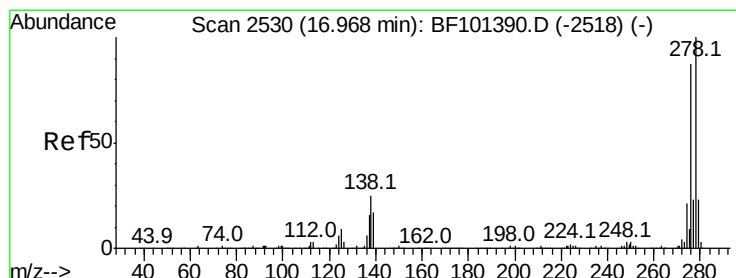
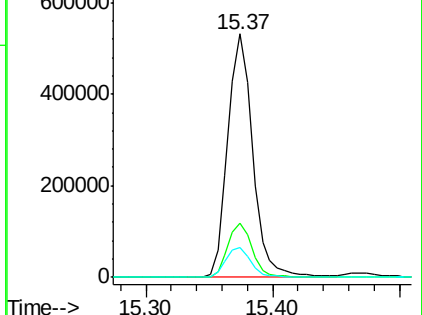
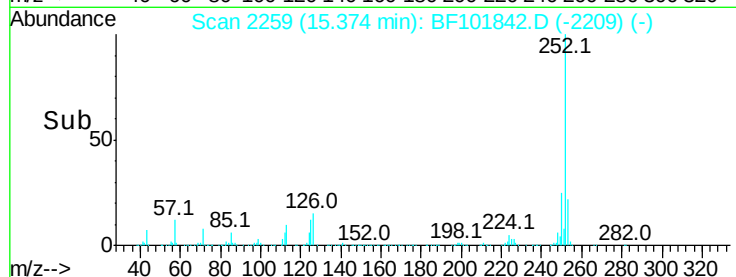
125 12.5 9.8 14.6



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: 38.464 ng

RT: 16.91 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BF101842.D

Acq: 2 Jan 2018 11:10

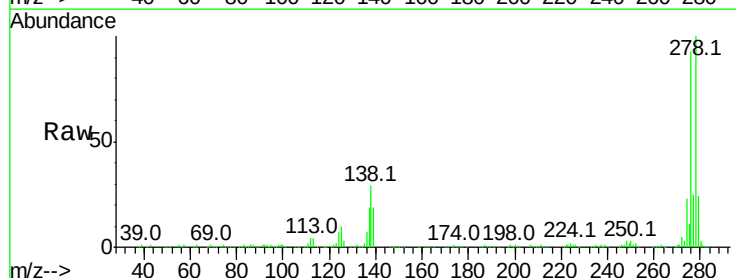
Tgt Ion:278 Resp: 644813

Ion Ratio Lower Upper

278 100

139 18.6 15.9 23.9

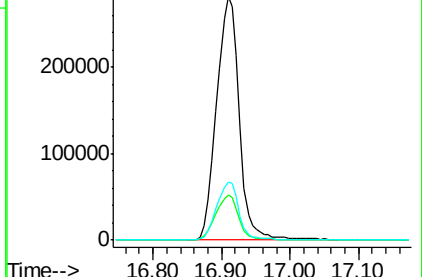
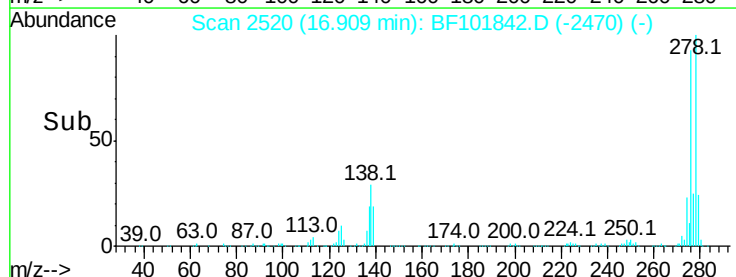
279 24.0 19.0 28.4

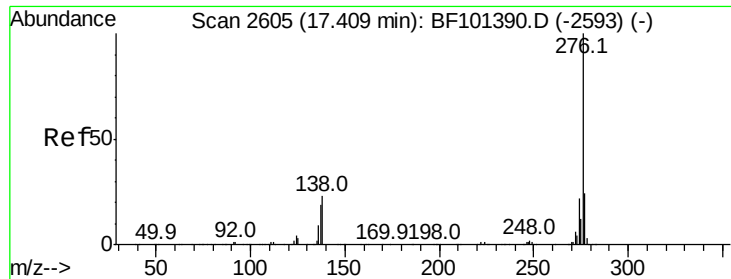


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

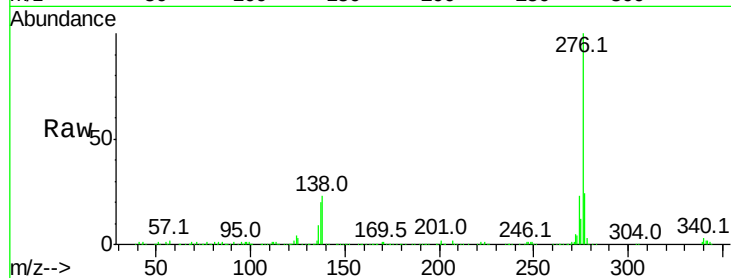




#91
Benzo(a,h,i)perylene
Concen: 40.126 ng
RT: 17.37 min Scan# 2598
Delta R.T. 0.00 min
Lab File: BF101842.D
Acq: 2 Jan 2018 11:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	23.4	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

