

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
 Data File : BF102192.D
 Acq On : 18 Jan 2018 15:06
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 19 00:11:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	152554	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	625162	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	279653	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	487889	20.00	ng	0.00
75) Chrysene-d12	13.87	240	367536	20.00	ng	0.00
86) Perylene-d12	15.29	264	298764	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	819269	75.83	ng	0.00
7) Phenol-d6	6.36	99	966191	74.96	ng	0.00
23) Nitrobenzene-d5	7.29	82	882073	82.91	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	224254	91.89	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1539849	86.02	ng	0.00
78) Terphenyl-d14	12.83	244	1292286	73.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	193225	35.839	ng	98
3) Pyridine	3.08	79	518593	35.222	ng	95
4) n-Nitrosodimethylamine	3.05	42	209880	34.040	ng	99
6) Aniline	6.39	93	661865	36.436	ng	99
8) 2-Chlorophenol	6.50	128	424692	39.196	ng	98
9) Benzaldehyde	6.27	77	290848	32.497	ng	94
10) Phenol	6.37	94	523186	35.916	ng	81
11) bis(2-Chloroethyl)ether	6.46	93	400400	36.113	ng	97
12) 1,3-Dichlorobenzene	6.66	146	489591	39.197	ng	98
13) 1,4-Dichlorobenzene	6.74	146	493396	39.587	ng	98
14) 1,2-Dichlorobenzene	6.89	146	458385	39.735	ng	99
15) Benzyl Alcohol	6.87	79	353270	37.468	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	676028	33.076	ng	98
17) 2-Methylphenol	6.98	107	370791	37.935	ng	98
18) Hexachloroethane	7.23	117	174682	39.801	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	300599	35.586	ng	98
20) 3+4-Methylphenols	7.13	107	436291	37.175	ng	# 71
22) Acetophenone	7.14	105	578308	38.393	ng	# 91
24) Nitrobenzene	7.31	77	451429	39.489	ng	100
25) Isophorone	7.55	82	785925	37.388	ng	99
26) 2-Nitrophenol	7.62	139	245264	51.260	ng	97
27) 2,4-Dimethylphenol	7.66	122	339127	37.951	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	472783	37.249	ng	99
29) 2,4-Dichlorophenol	7.86	162	348376	41.058	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	368433	41.513	ng	97
31) Naphthalene	8.03	128	1224436	39.197	ng	100
32) Benzoic acid	7.80	122	251007	37.044	ng	99
33) 4-Chloroaniline	8.08	127	530582	39.795	ng	98
34) Hexachlorobutadiene	8.14	225	199057	42.372	ng	98
35) Caprolactam	8.47	113	112774	38.716	ng	94
36) 4-Chloro-3-methylphenol	8.56	107	370900	39.934	ng	99
37) 2-Methylnaphthalene	8.72	142	816269	39.692	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	334796	42.317	ng	99
40) Hexachlorocyclopentadiene	8.87	237	178305	41.210	ng	98

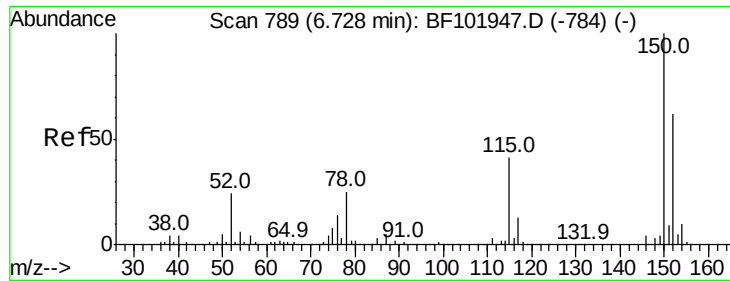
Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
 Data File : BF102192.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	231275	42.420	ng	96
43) 2,4,5-Trichlorophenol	9.03	196	258040	41.876	ng	97
45) 1,1'-Biphenyl	9.19	154	980709	39.675	ng	97
46) 2-Chloronaphthalene	9.21	162	769326	40.136	ng	97
47) 2-Nitroaniline	9.30	65	249573	43.466	ng	95
48) Acenaphthylene	9.62	152	1194919	39.281	ng	99
49) Dimethylphthalate	9.49	163	908444	40.494	ng	99
50) 2,6-Dinitrotoluene	9.55	165	201387	44.940	ng	97
51) Acenaphthene	9.79	154	693468	37.559	ng	99
52) 3-Nitroaniline	9.72	138	238532	42.177	ng	93
53) 2,4-Dinitrophenol	9.82	184	93649	57.424	ng	# 22
54) Dibenzofuran	9.96	168	996198	39.314	ng	99
55) 4-Nitrophenol	9.88	139	178999	42.470	ng	90
56) 2,4-Dinitrotoluene	9.95	165	259358	46.176	ng	98
57) Fluorene	10.30	166	765800	43.717	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	187991	42.852	ng	99
59) Diethylphthalate	10.19	149	863313	38.686	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	331124	44.392	ng	97
61) 4-Nitroaniline	10.33	138	244414	45.537	ng	94
62) Azobenzene	10.46	77	813695	36.649	ng	99
64) 4,6-Dinitro-2-methylphenol	10.36	198	140747	52.513	ng	80
65) n-Nitrosodiphenylamine	10.42	169	705350	38.608	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	211363	41.023	ng	98
67) Hexachlorobenzene	10.85	284	231040	41.075	ng	91
68) Atrazine	10.95	200	219610	41.594	ng	99
69) Pentachlorophenol	11.05	266	146004	42.568	ng	97
70) Phenanthrene	11.26	178	1113402	39.068	ng	99
71) Anthracene	11.32	178	1134875	39.264	ng	100
72) Carbazole	11.47	167	1107668	38.990	ng	99
73) Di-n-butylphthalate	11.80	149	1341501	38.489	ng	99
74) Fluoranthene	12.45	202	1121156	39.985	ng	98
76) Benzidine	12.57	184	509543	28.710	ng	97
77) Pyrene	12.68	202	1149807	35.392	ng	99
79) Butylbenzylphthalate	13.30	149	557216	37.373	ng	98
80) Benzo(a)anthracene	13.86	228	881288	37.582	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	332261	38.267	ng	96
82) Chrysene	13.90	228	908588	37.158	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	663979	38.821	ng	99
84) Di-n-octyl phthalate	14.46	149	1043706	36.774	ng	100
85) Indeno(1,2,3-cd)pyrene	16.67	276	640659	35.998	ng	100
87) Benzo(b)fluoranthene	14.89	252	802206	41.180	ng	99
88) Benzo(k)fluoranthene	14.92	252	735907	39.160	ng	98
89) Benzo(a)pyrene	15.23	252	697247	39.775	ng	98
90) Dibenzo(a,h)anthracene	16.68	278	521732	37.296	ng	98
91) Benzo(g,h,i)perylene	17.08	276	519813	36.888	ng	98

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

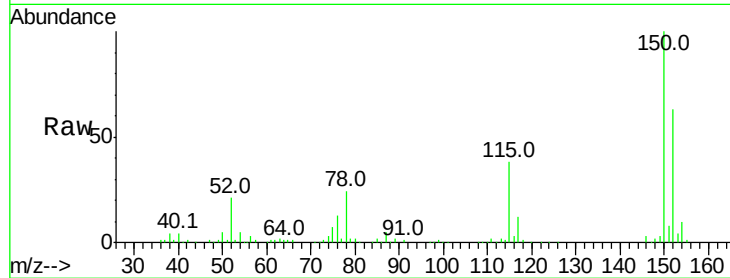


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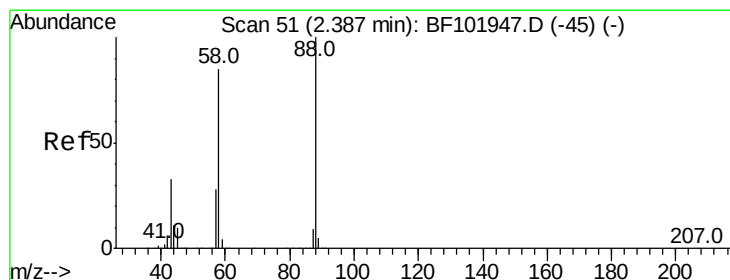
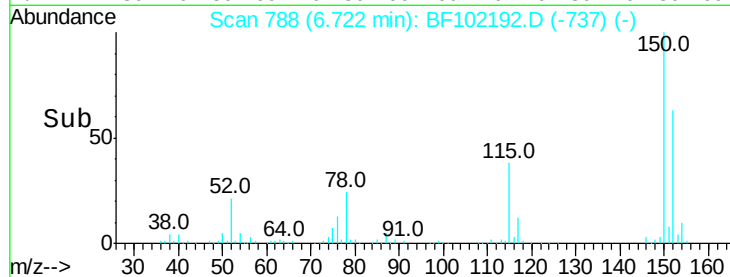
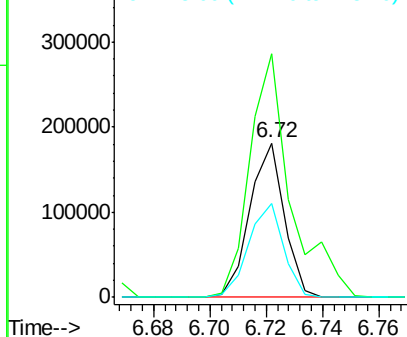
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 152554
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 60.7 50.1 75.1



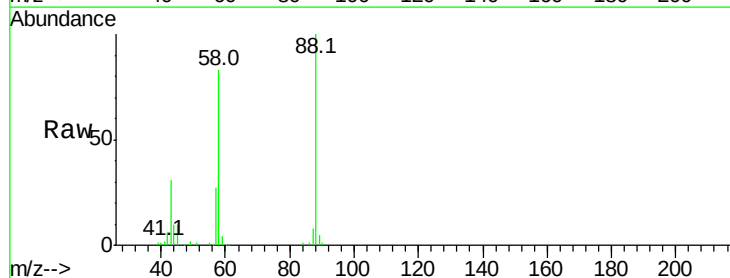
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



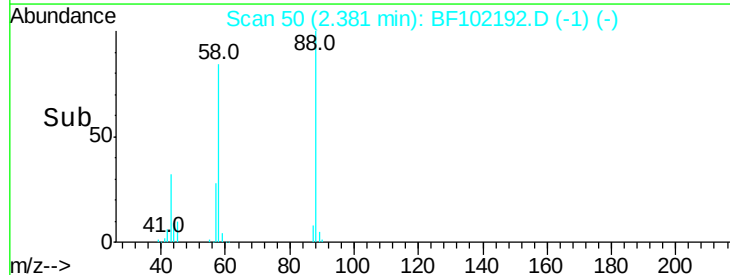
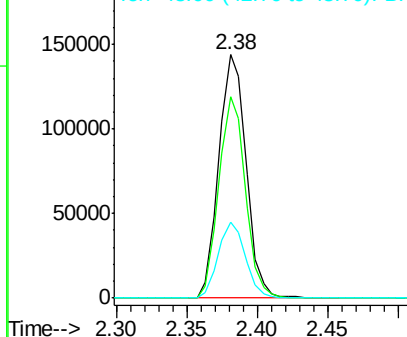
#2

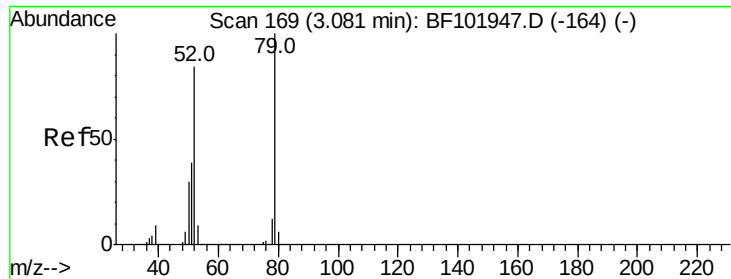
1,4-Dioxane
Concen: 35.839 ng
RT: 2.38 min Scan# 50
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

Tgt Ion: 88 Resp: 193225
Ion Ratio Lower Upper
88 100
58 80.6 62.6 93.8
43 31.2 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: 35.222 ng

RT: 3.08 min Scan# 169

Delta R.T. -0.01 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

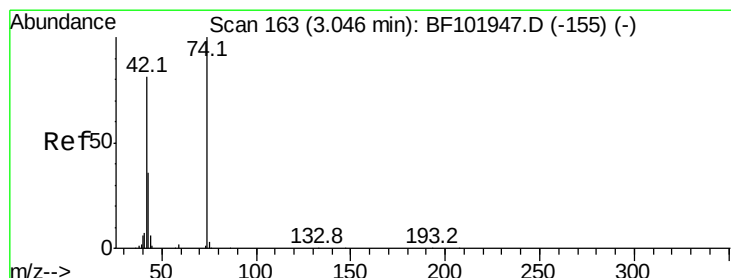
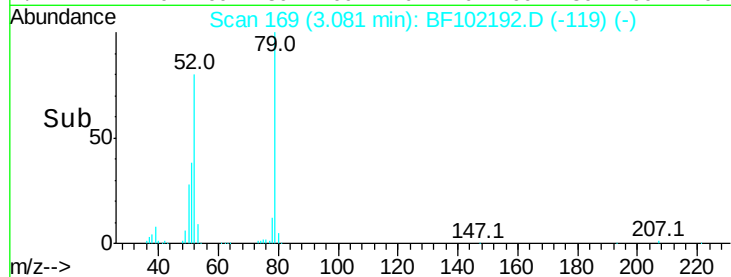
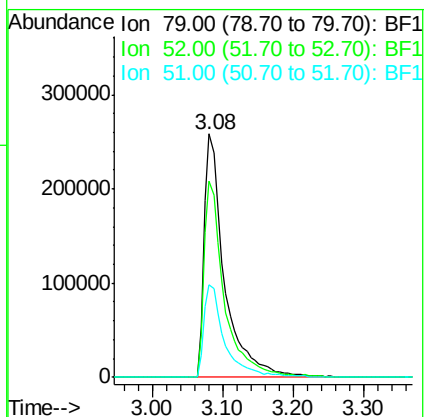
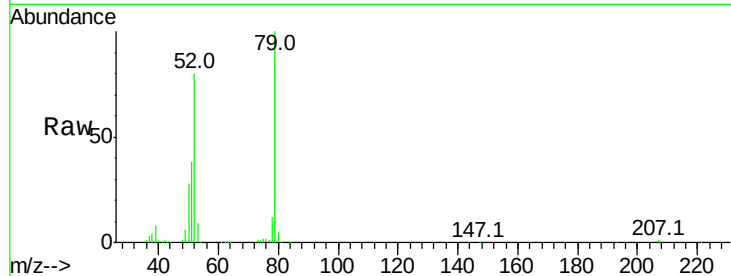
Tot Ion: 79 Resp: 518593

Ion Ratio Lower Upper

79 100

52 80.4 59.8 89.6

51 38.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.040 ng

RT: 3.05 min Scan# 164

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

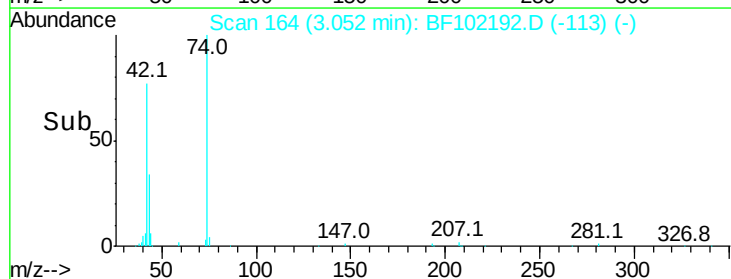
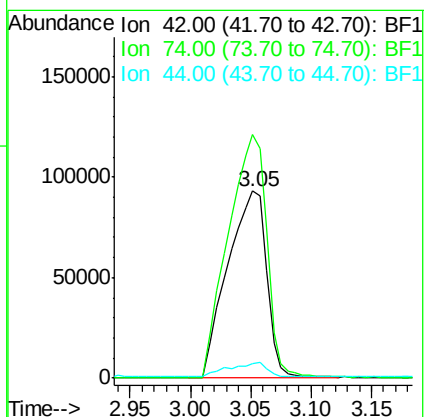
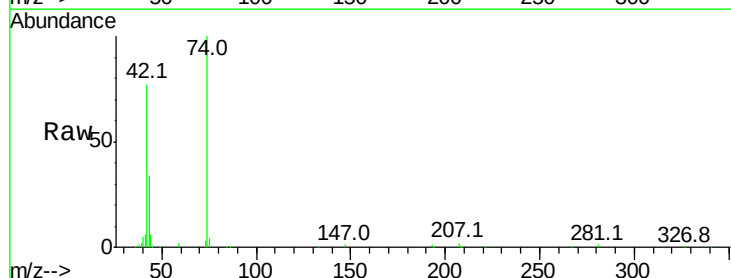
Tgt Ion: 42 Resp: 209880

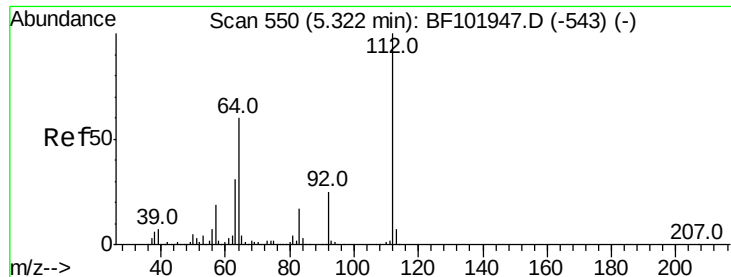
Ion Ratio Lower Upper

42 100

74 130.1 104.9 157.3

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 75.834 ng

RT: 5.32 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

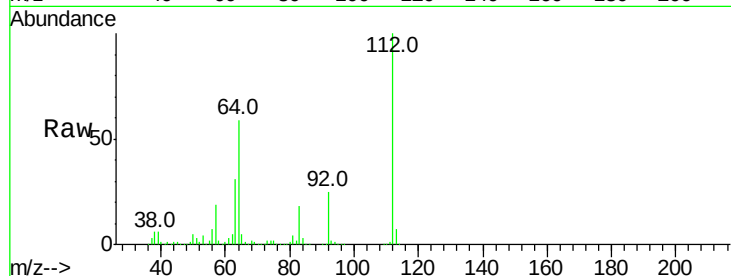
Tot Ion:112 Resp: 819269

Ion Ratio Lower Upper

112 100

64 59.2 47.9 71.9

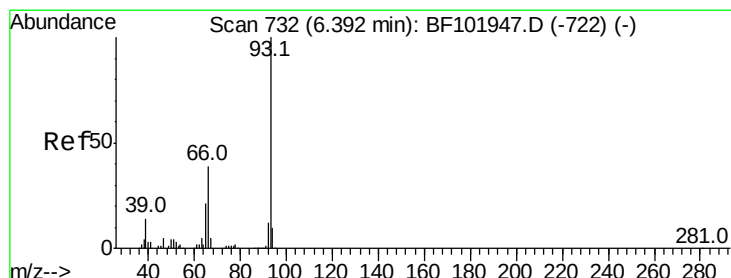
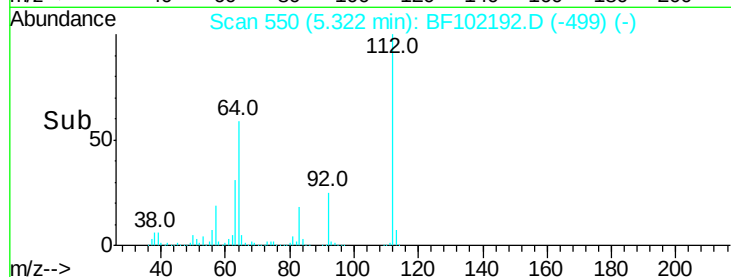
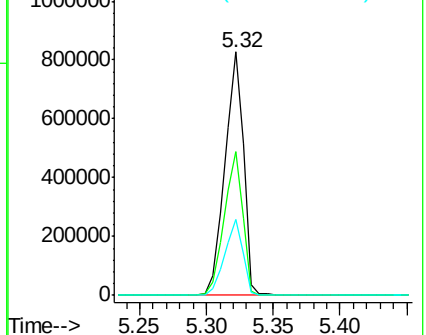
63 31.3 23.7 35.5



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: 36.436 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

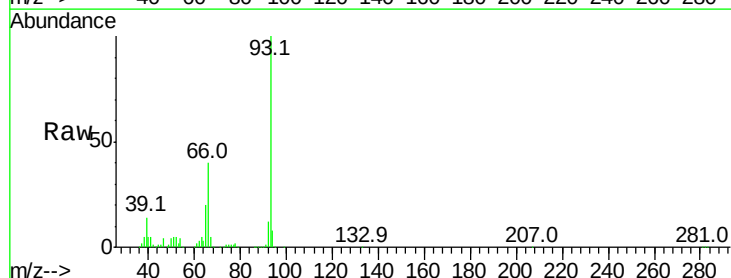
Tgt Ion: 93 Resp: 661865

Ion Ratio Lower Upper

93 100

66 39.6 32.2 48.2

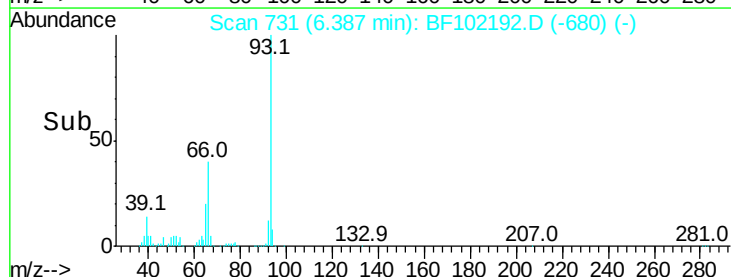
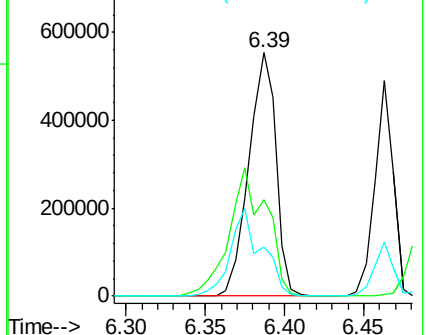
65 20.3 16.4 24.6

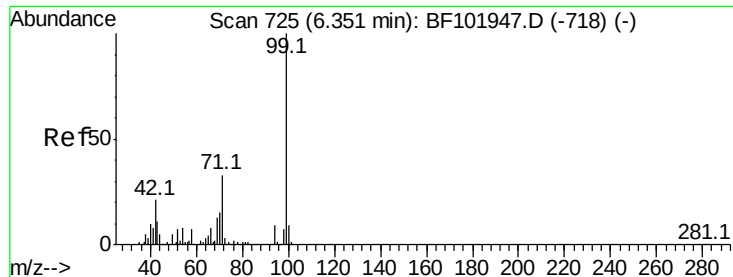


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.959 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

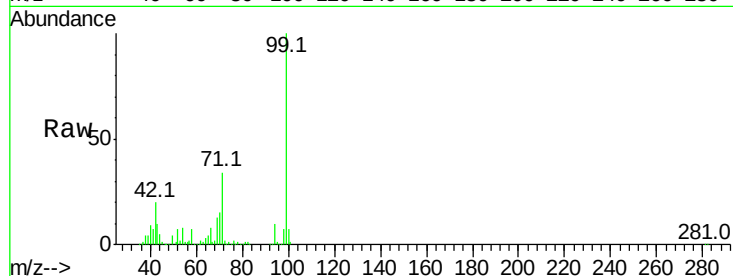
Tot Ion: 99 Resp: 966191

Ion Ratio Lower Upper

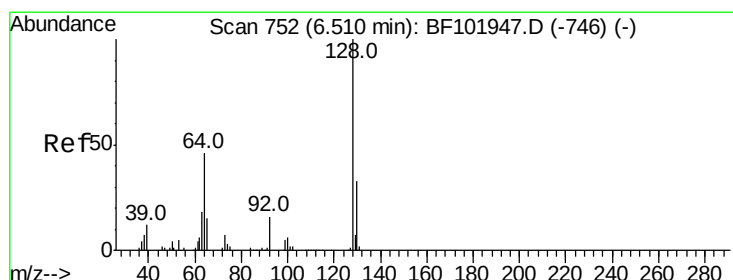
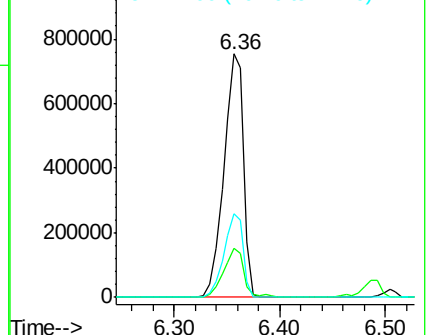
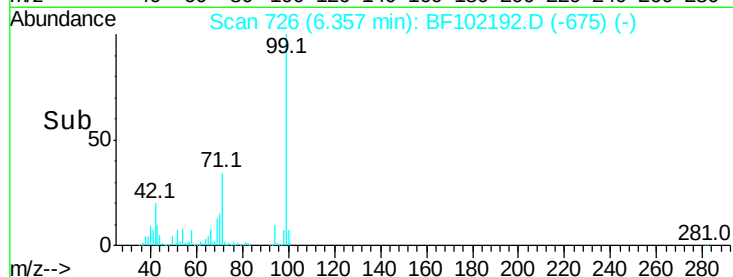
99 100

42 20.0 14.5 21.7

71 34.2 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: 39.196 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

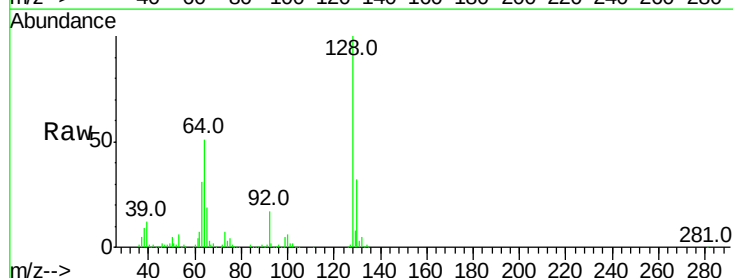
Tgt Ion: 128 Resp: 424692

Ion Ratio Lower Upper

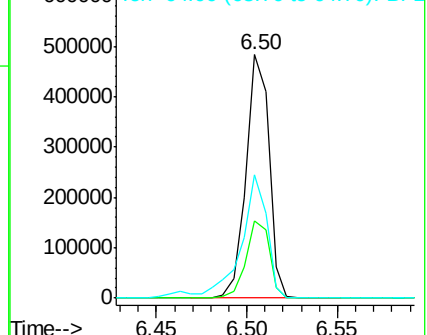
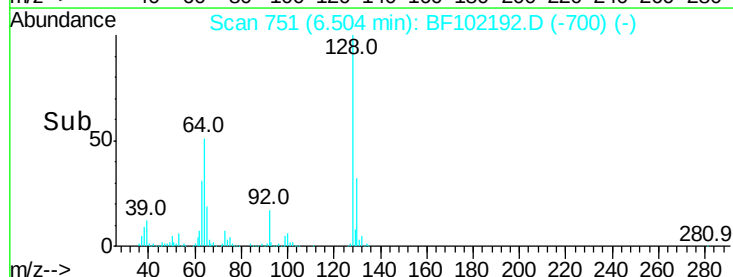
128 100

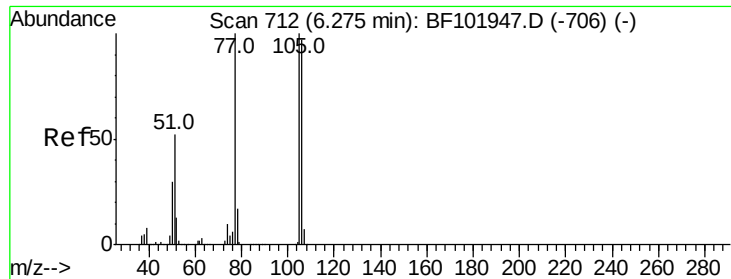
130 31.8 13.0 53.0

64 50.7 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: 32.497 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

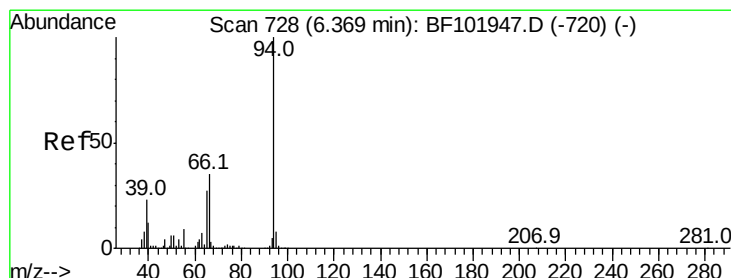
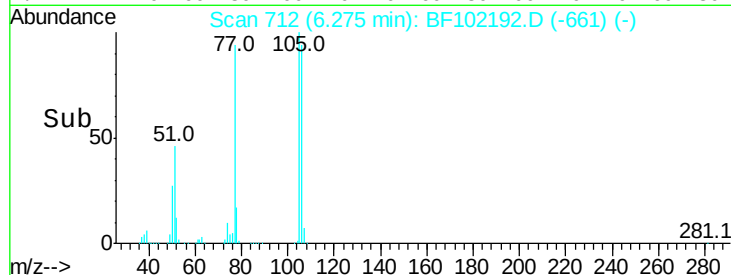
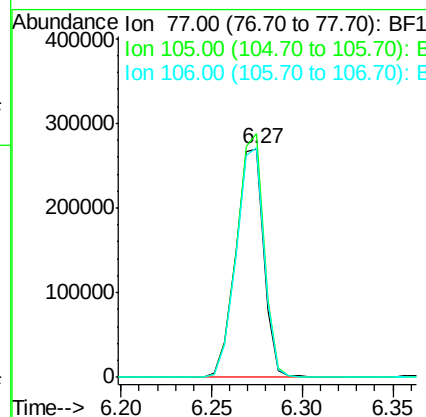
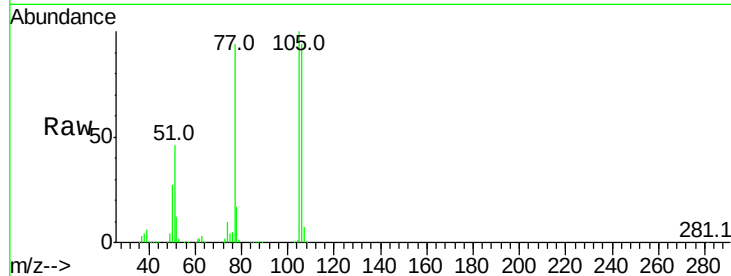
Tot Ion: 77 Resp: 290848

Ion Ratio Lower Upper

77 100

105 106.4 81.1 121.1

106 100.5 74.5 114.5



#10

Phenol

Concen: 35.916 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

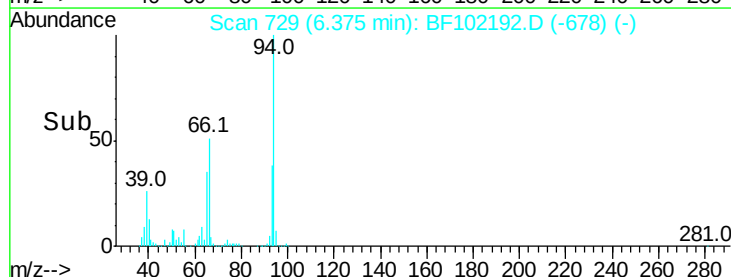
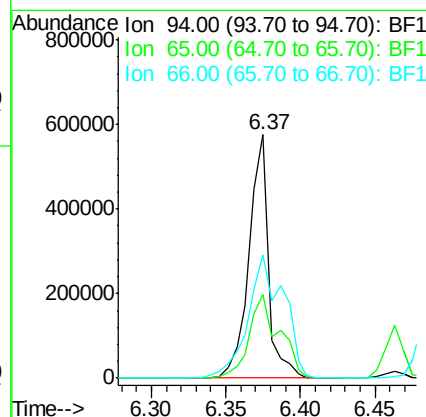
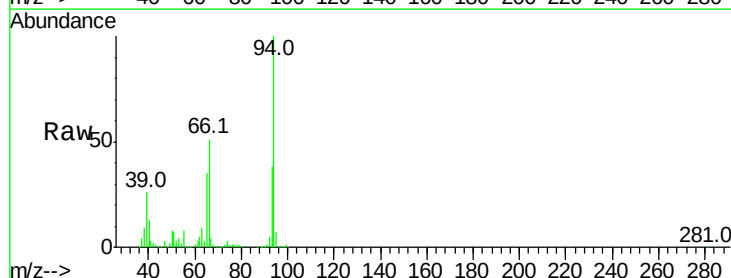
Tgt Ion: 94 Resp: 523186

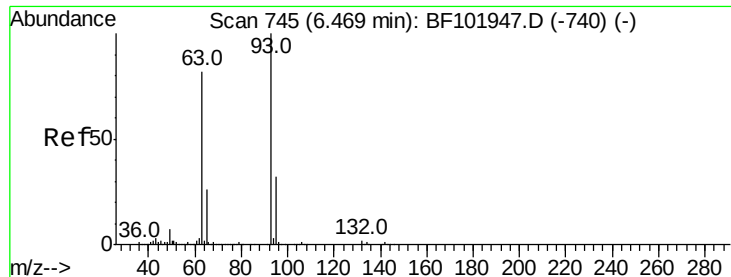
Ion Ratio Lower Upper

94 100

65 34.6 7.9 47.9

66 50.5 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 36.113 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

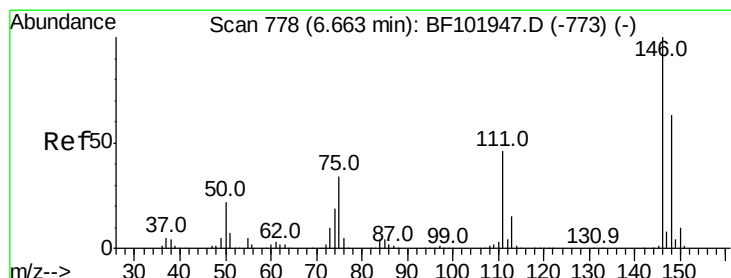
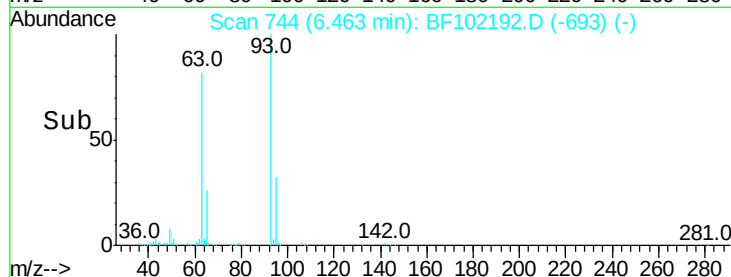
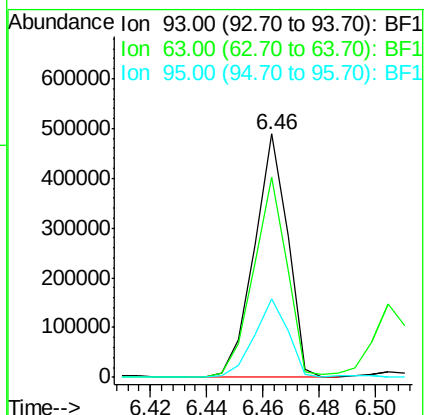
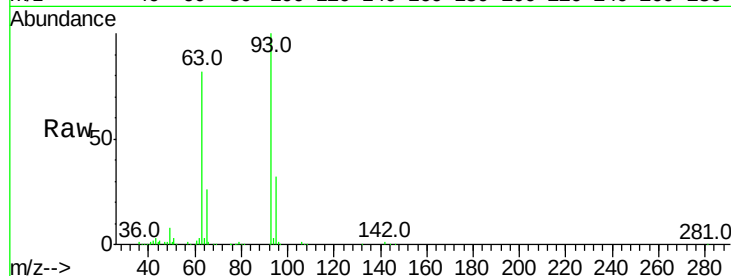
Tot Ion: 93 Resp: 400400

Ion Ratio Lower Upper

93 100

63 82.2 58.6 98.6

95 32.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.197 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

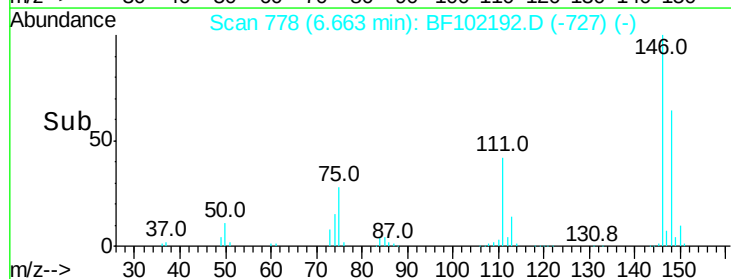
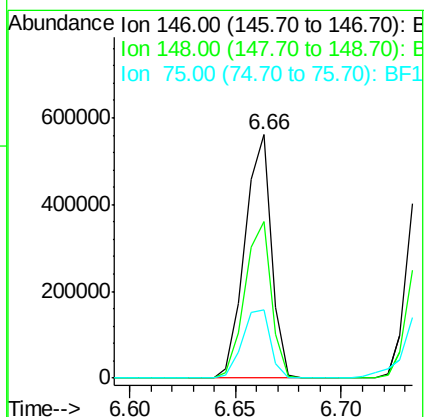
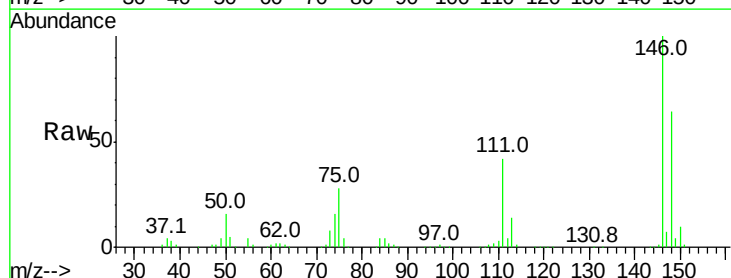
Tgt Ion: 146 Resp: 489591

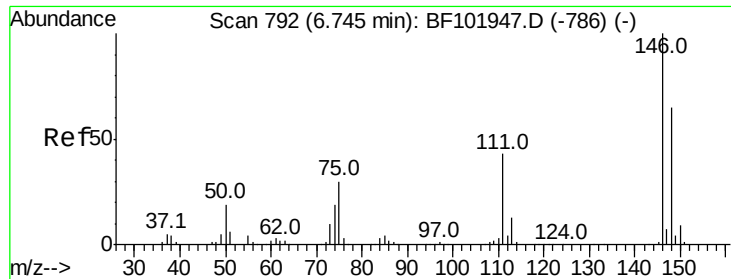
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

75 28.2 24.2 36.4

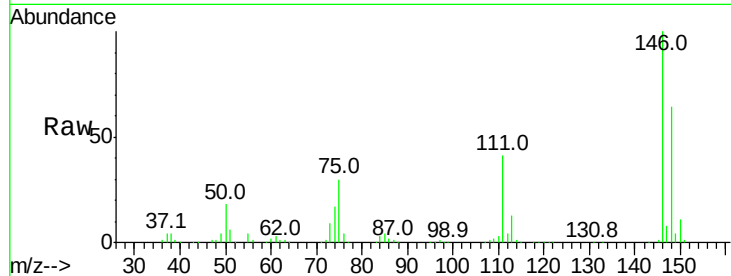




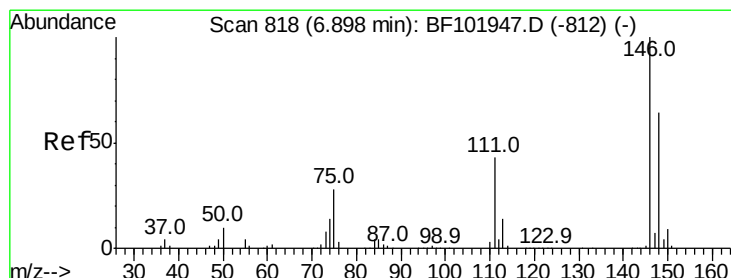
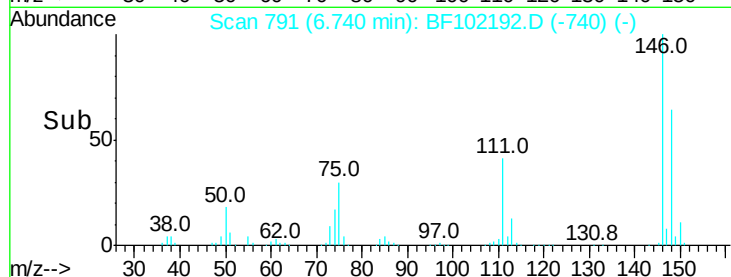
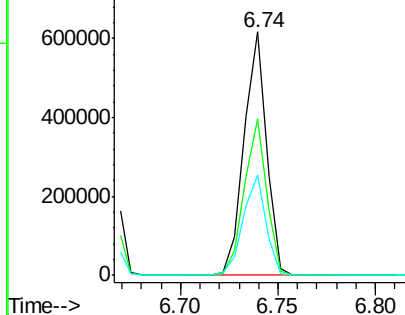
#13
 1,4-Dichlorobenzene
 Concen: 39.587 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 493396
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 41.1 34.2 51.2

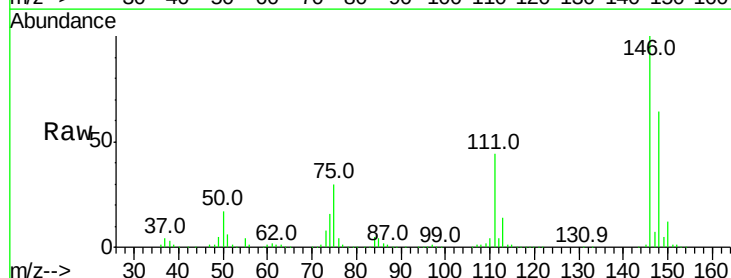


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

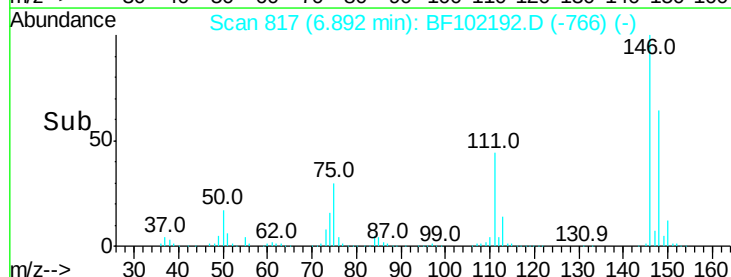
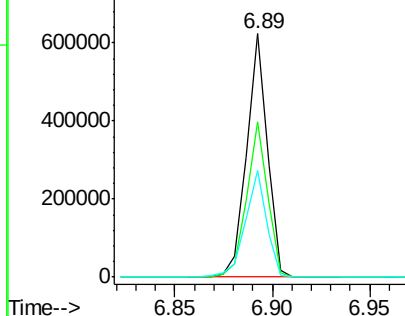


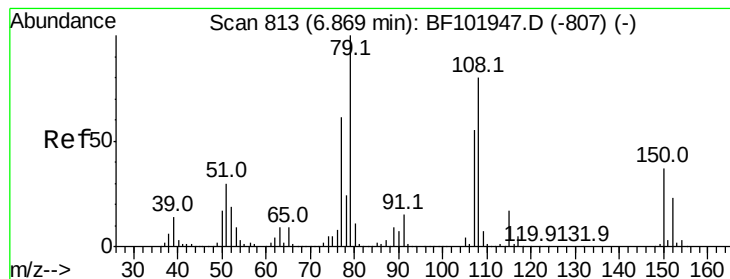
#14
 1,2-Dichlorobenzene
 Concen: 39.735 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Tgt Ion:146 Resp: 458385
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 43.8 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: 37.468 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :

BNA_F

ClientSampled :

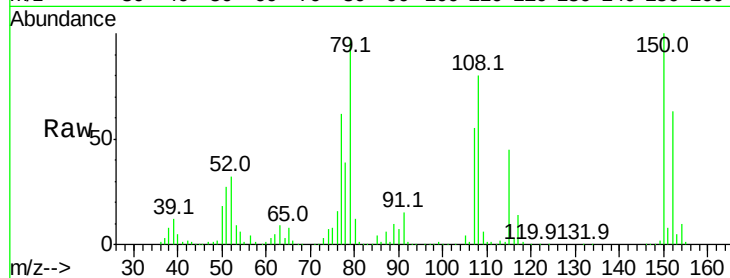
Tot Ion: 79 Resp: 353270

Ion Ratio Lower Upper

79 100

108 82.1 65.1 97.7

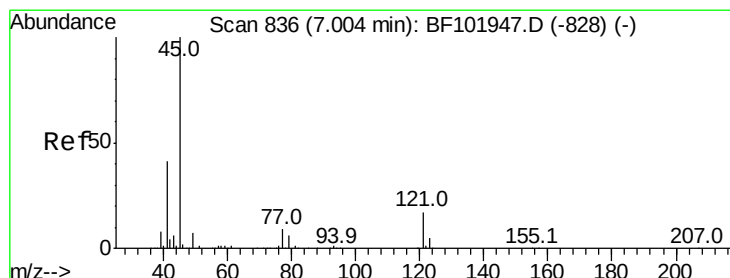
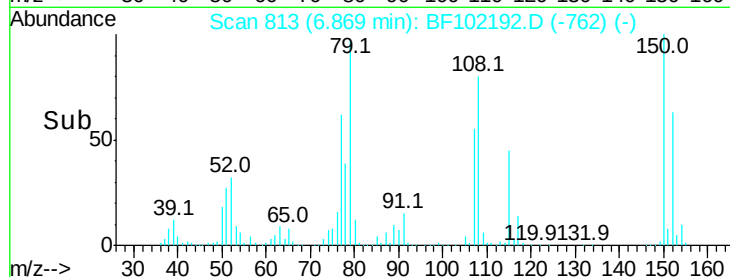
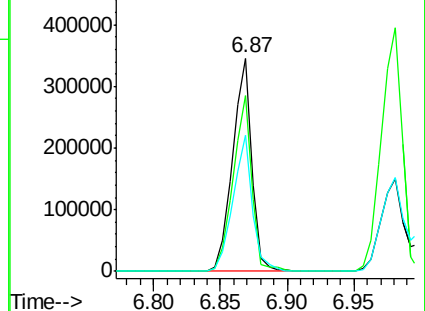
77 63.9 50.6 75.8



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: 33.076 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

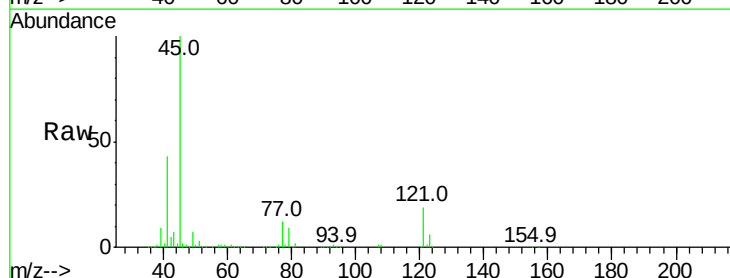
Tgt Ion: 45 Resp: 676028

Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.9

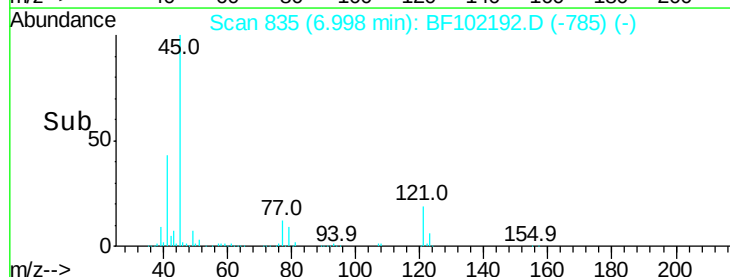
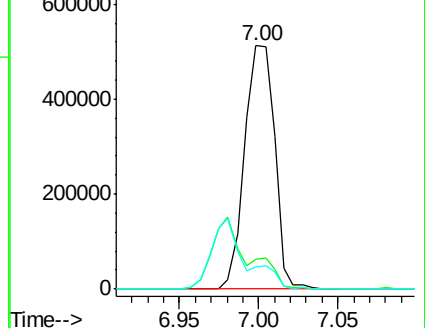
79 8.9 0.0 29.6

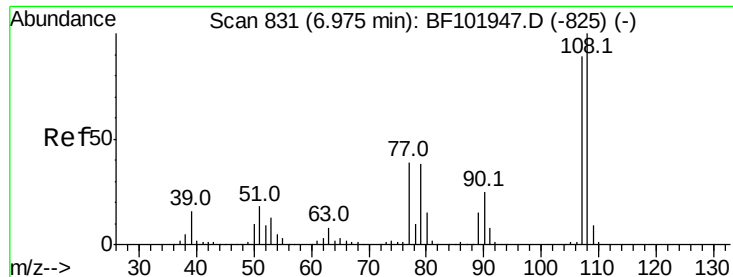


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

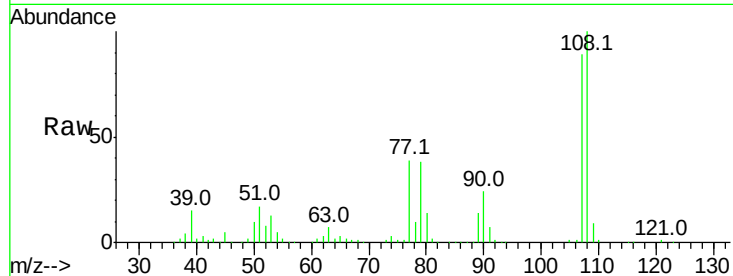




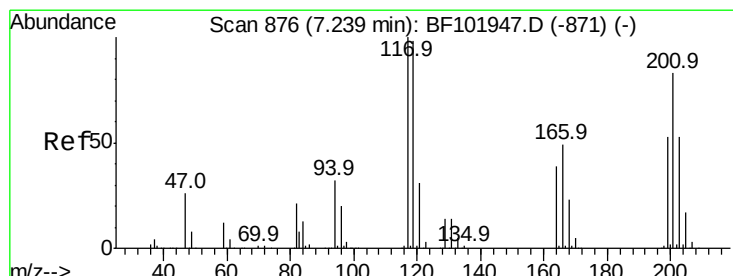
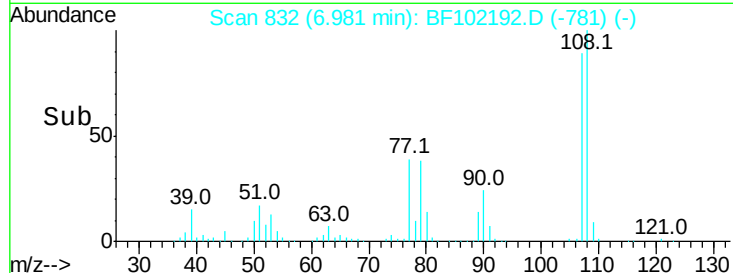
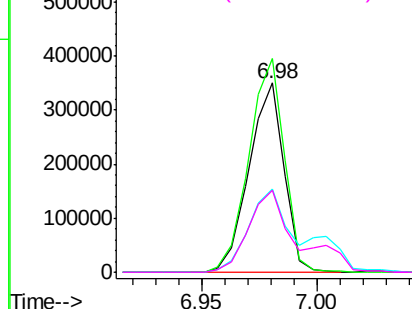
#17
2-Methylphenol
Concen: 37.935 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 370791
Ion Ratio Lower Upper
107 100
108 113.0 91.7 137.5
77 43.7 33.8 50.8
79 43.0 33.8 50.8

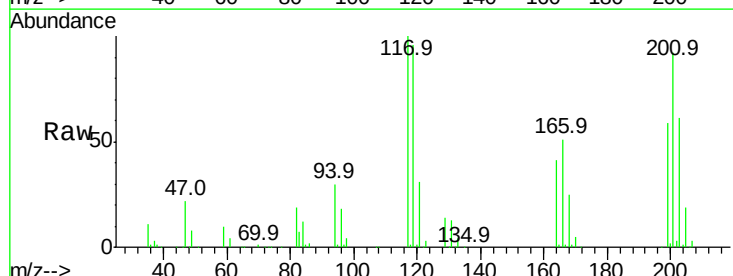


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

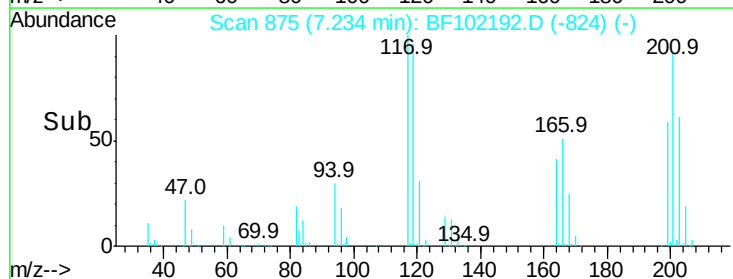
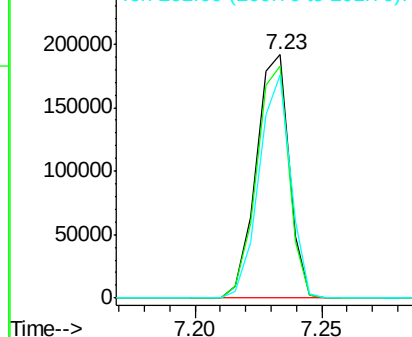


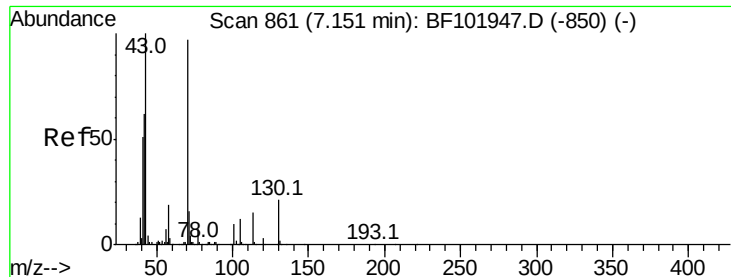
#18
Hexachloroethane
Concen: 39.801 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

Tgt Ion:117 Resp: 174682
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8
201 91.8 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: 35.586 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

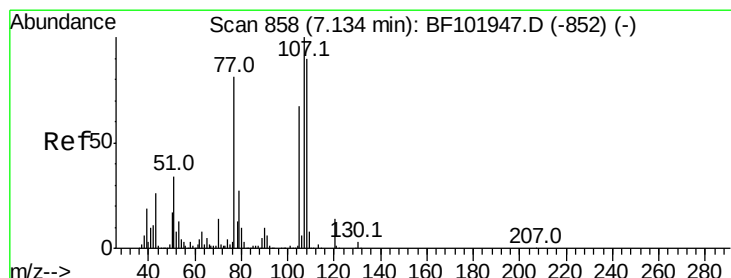
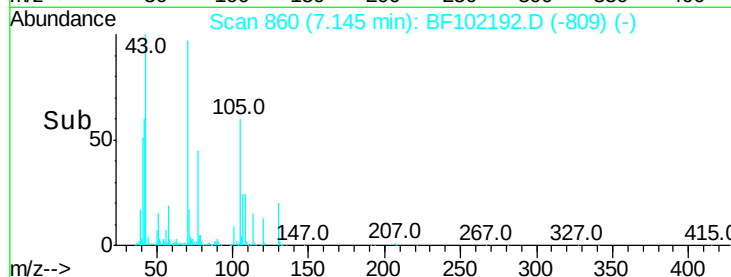
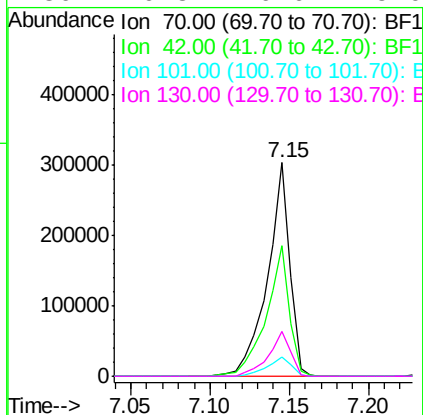
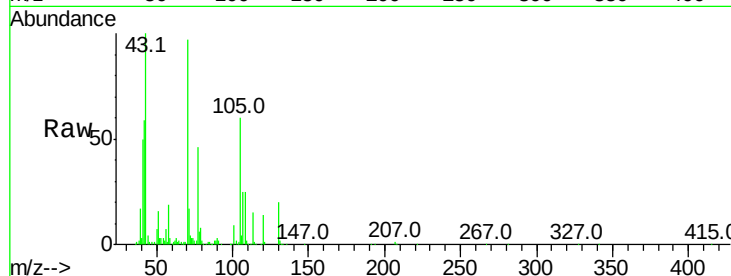
Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 300599

Ion	Ratio	Lower	Upper
70	100		
42	61.1	47.5	71.3
101	9.1	7.4	11.2
130	20.8	16.6	25.0



#20

3+4-Methylphenols

Concen: 37.175 ng

RT: 7.13 min Scan# 858

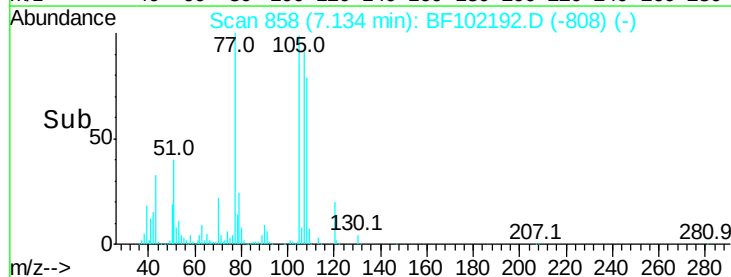
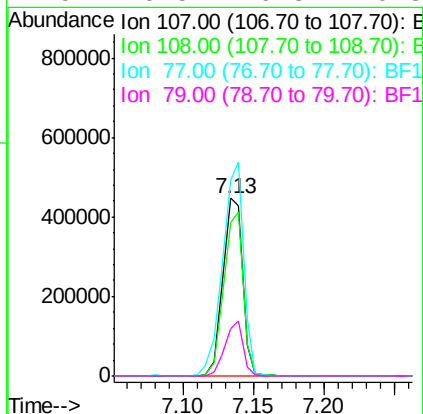
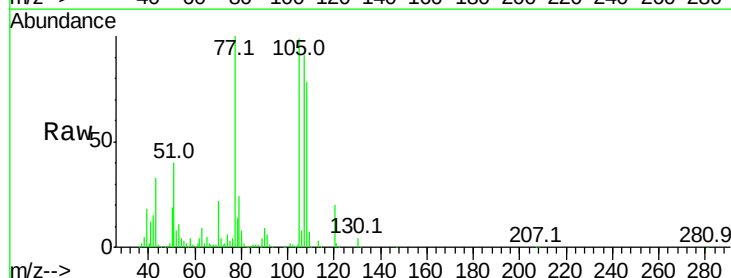
Delta R.T. -0.01 min

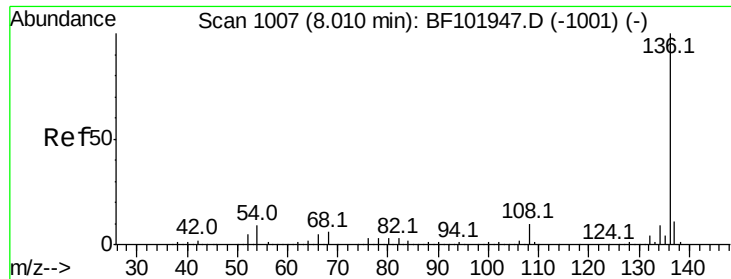
Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Tgt Ion: 107 Resp: 436291

Ion	Ratio	Lower	Upper
107	100		
108	86.5	68.2	108.2
77	110.2	26.7	66.7#
79	26.5	6.3	46.3

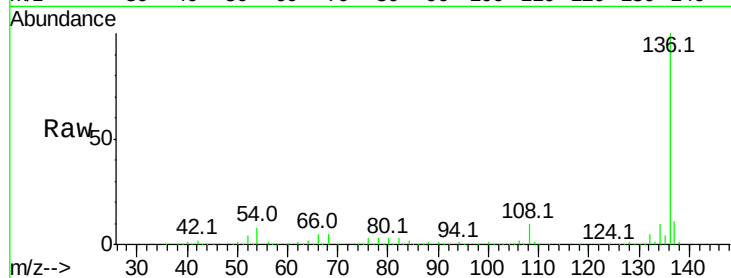




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 625162
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 8.0	6.6 9.8
68 5.4	5.0 7.4

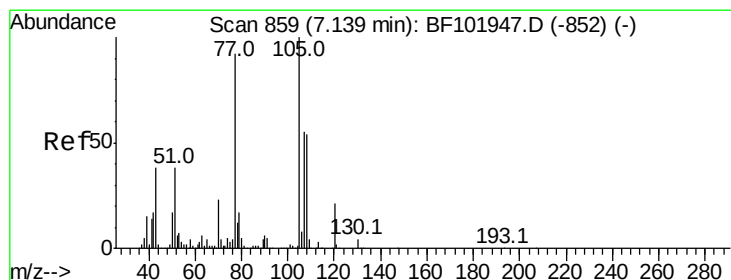
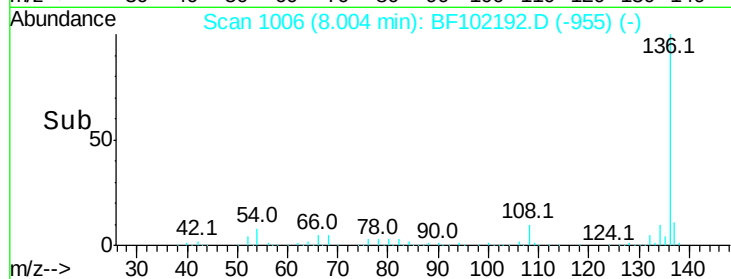
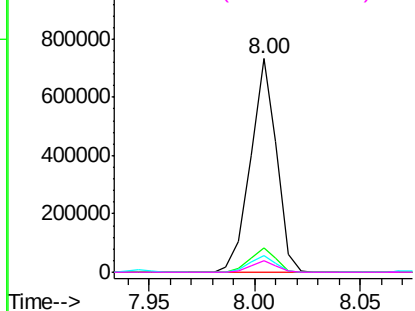


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

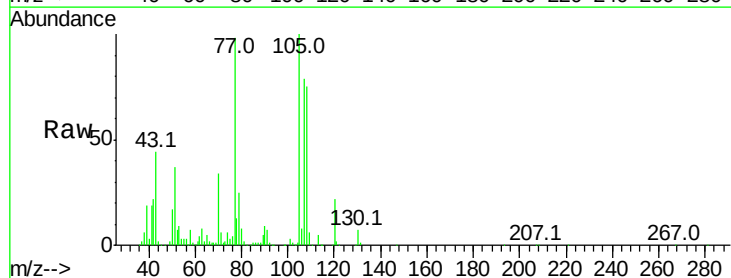
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.393 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

Tgt	Ion:105	Resp:	578308
Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.4	6.6
51	36.5	22.3	33.5#
120	22.2	16.9	25.3

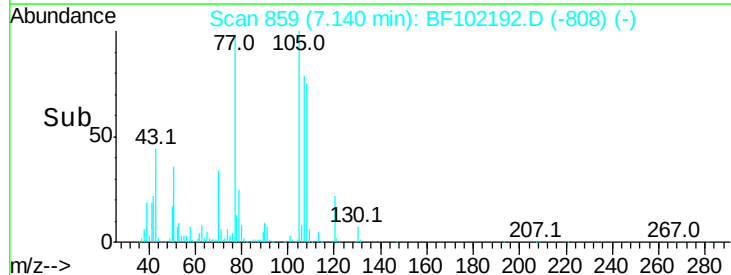
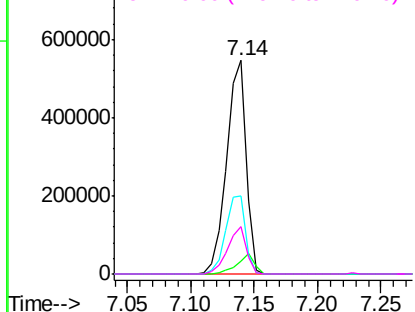


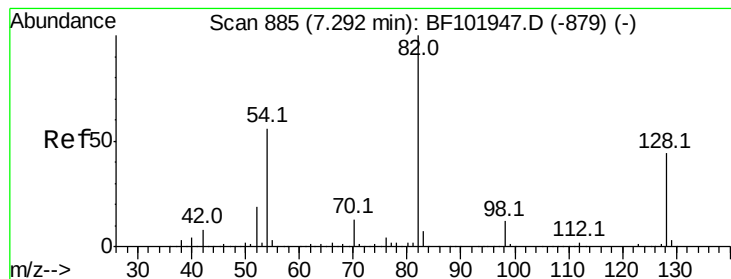
Abundance Ion 105.00 (104.70 to 105.70): E

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: 82.913 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

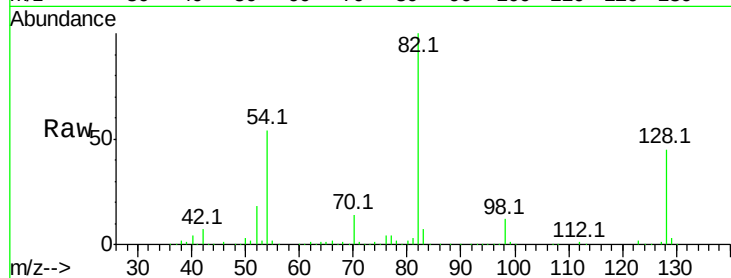
Tot Ion: 82 Resp: 882073

Ion Ratio Lower Upper

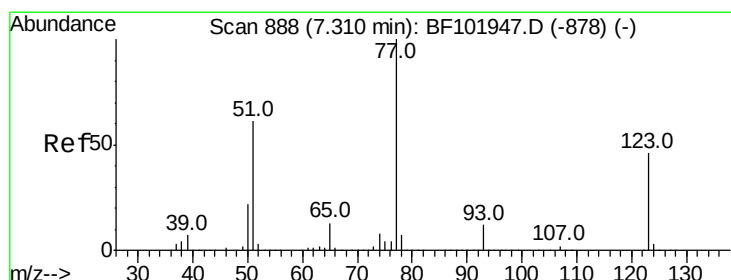
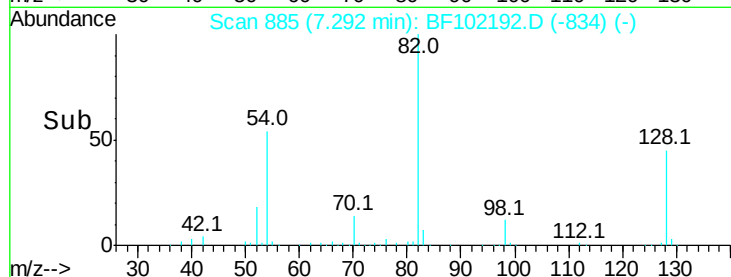
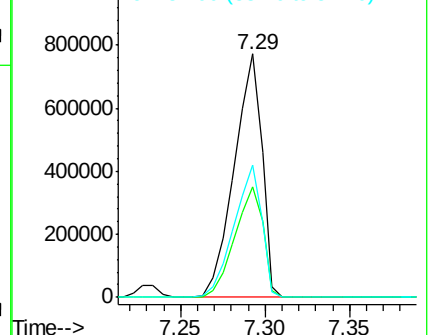
82 100

128 45.3 36.1 54.1

54 54.3 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: 39.489 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

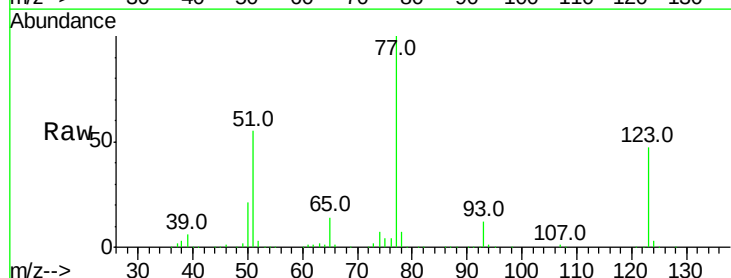
Tgt Ion: 77 Resp: 451429

Ion Ratio Lower Upper

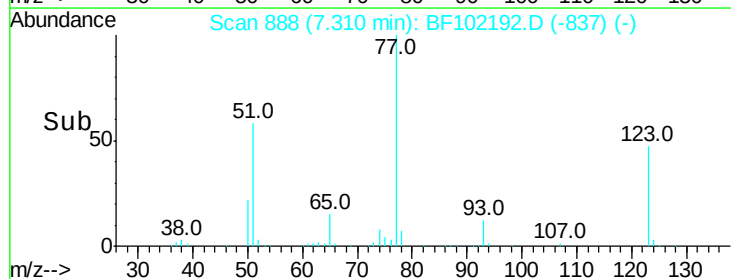
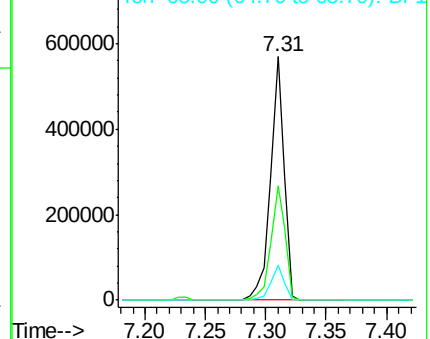
77 100

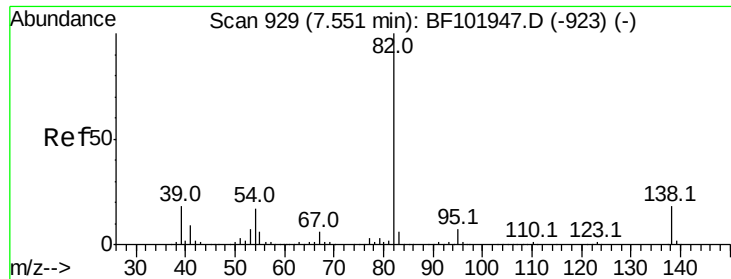
123 47.2 37.9 56.9

65 14.2 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: 37.388 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

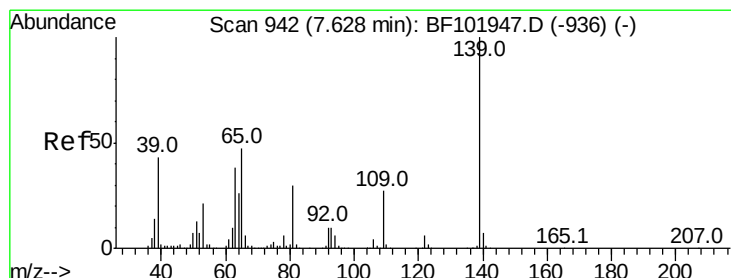
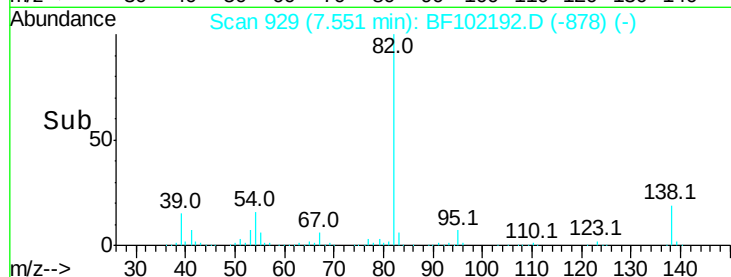
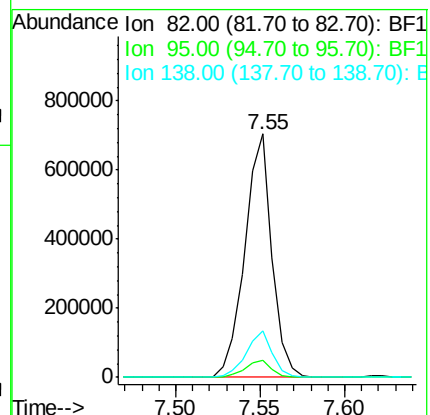
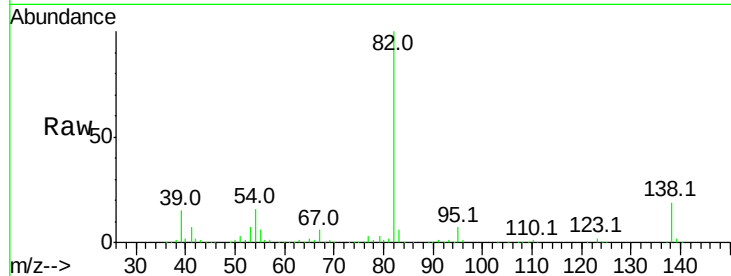
Tot Ion: 82 Resp: 785925

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 51.260 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

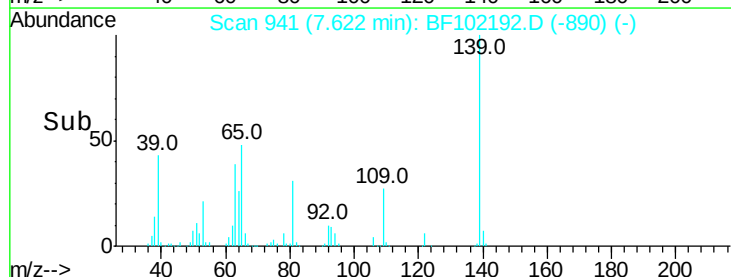
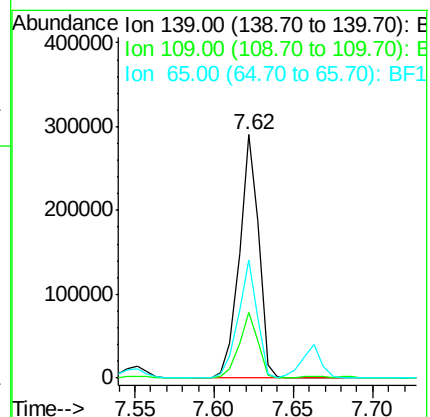
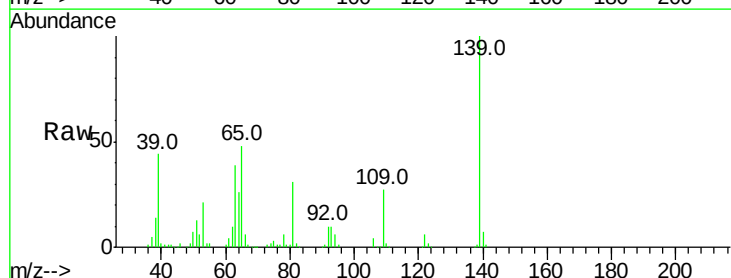
Tgt Ion: 139 Resp: 245264

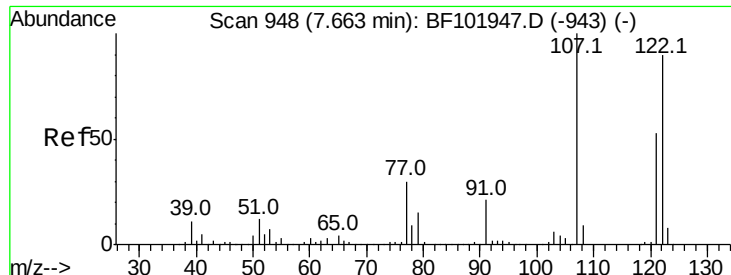
Ion Ratio Lower Upper

139 100

109 27.2 22.7 34.1

65 48.4 40.5 60.7

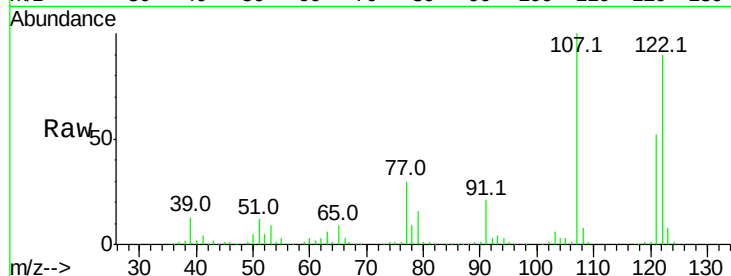




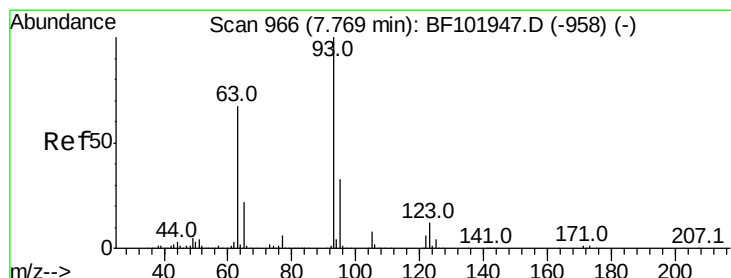
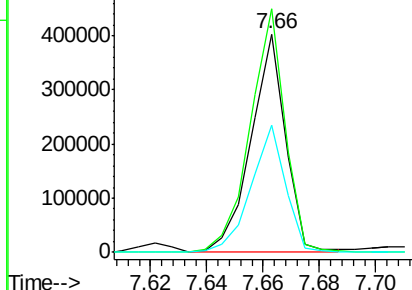
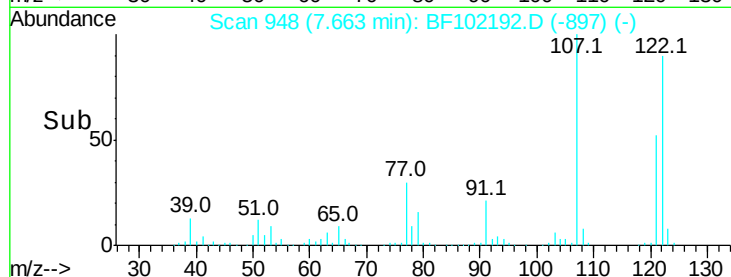
#27
 2,4-Dimethylphenol
 Concen: 37.951 ng
 RT: 7.66 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 339127
 Ion Ratio Lower Upper
 122 100
 107 111.6 91.2 136.8
 121 58.5 47.2 70.8

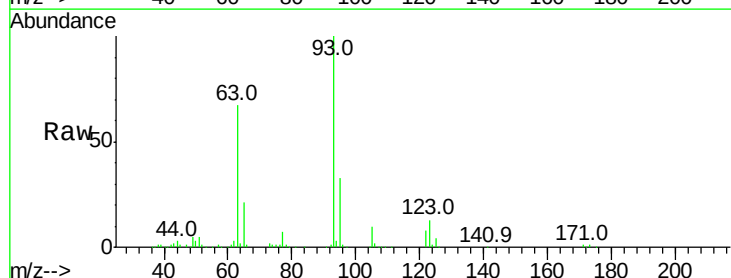


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

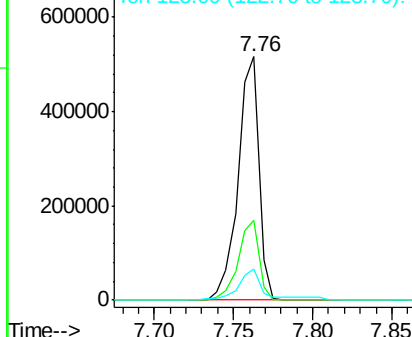
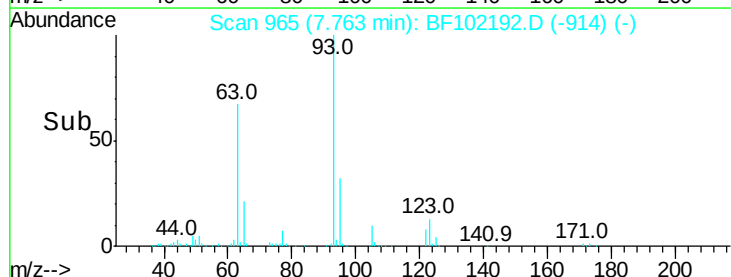


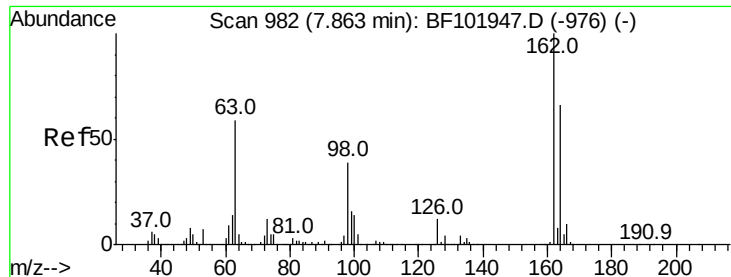
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.249 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Tgt Ion: 93 Resp: 472783
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 12.7 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

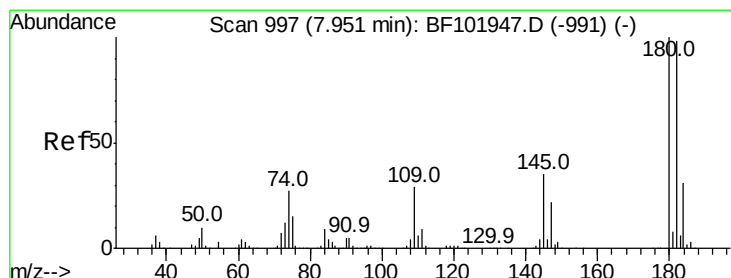
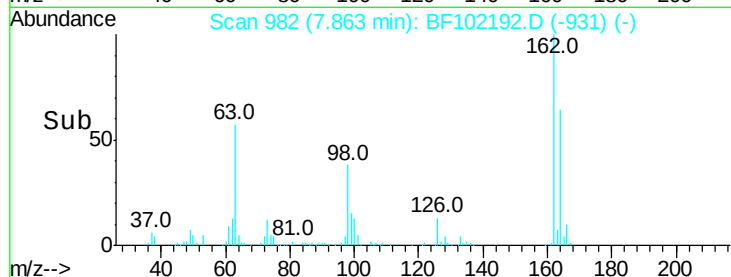
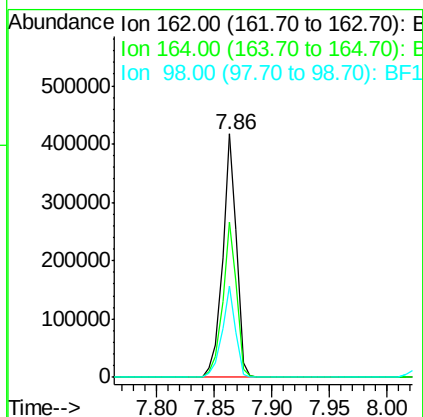
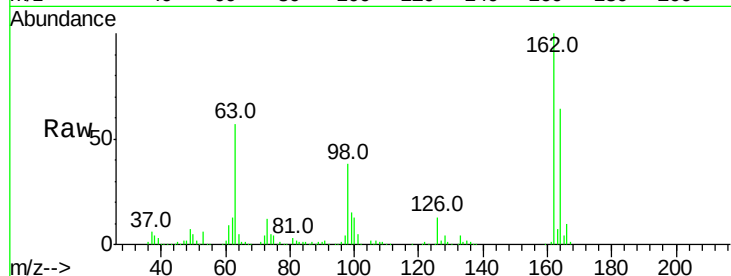




#29
 2,4-Dichlorophenol
 Concen: 41.058 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

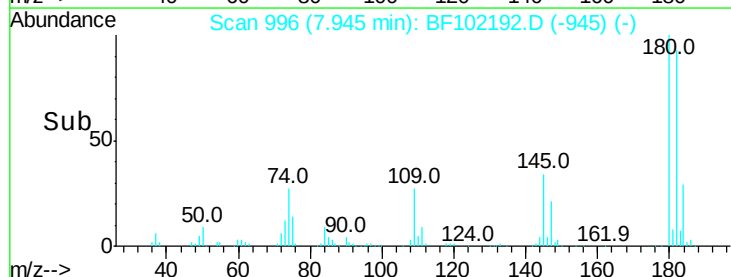
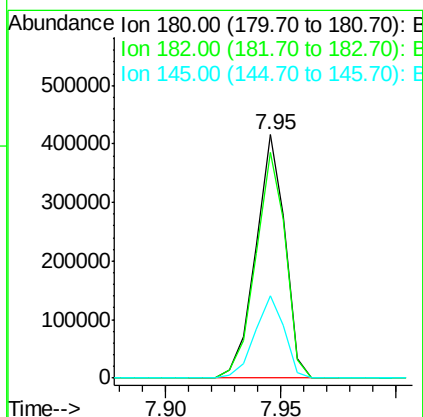
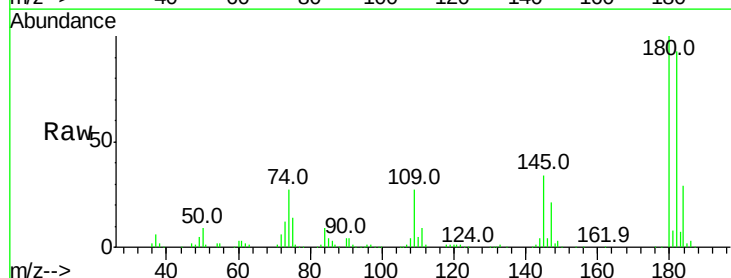
Instrument :
 BNA_F
 ClientSampleId :

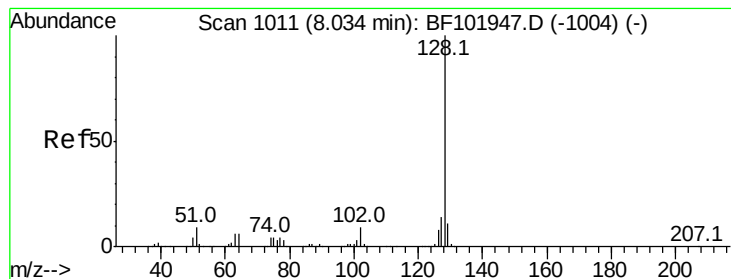
Tot Ion:162 Resp: 348376
 Ion Ratio Lower Upper
 162 100
 164 63.6 42.7 82.7
 98 37.6 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.513 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Tgt Ion:180 Resp: 368433
 Ion Ratio Lower Upper
 180 100
 182 92.9 76.8 115.2
 145 33.9 26.5 39.7





#31

Naphthalene

Concen: 39.197 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

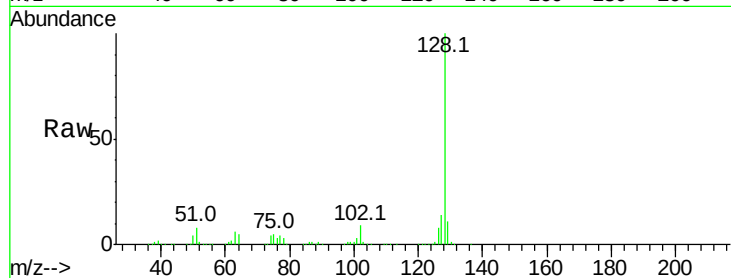
Tot Ion:128 Resp: 1224436

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

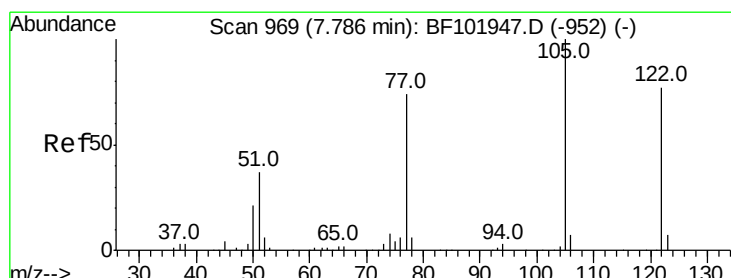
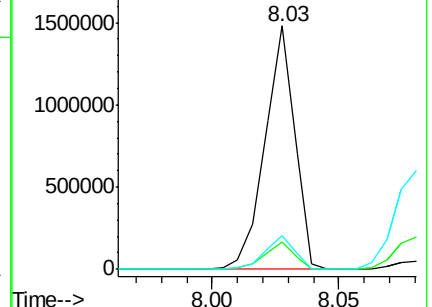
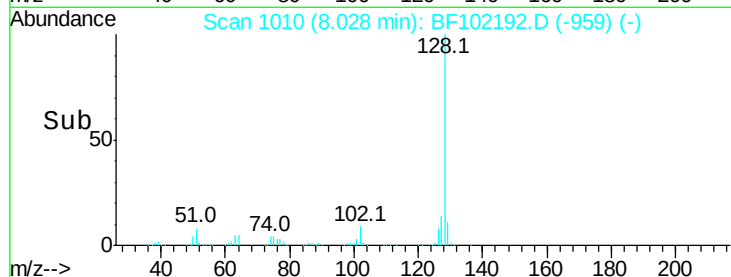
127 13.6 10.9 16.3



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: 37.044 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

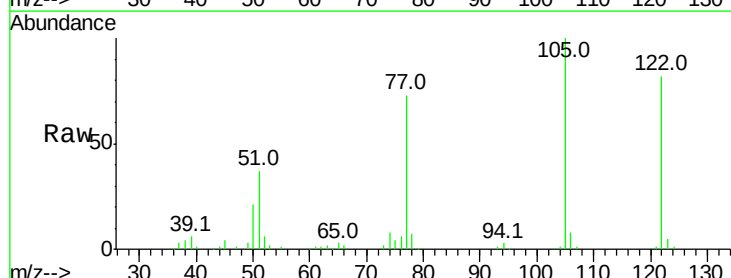
Tgt Ion:122 Resp: 251007

Ion Ratio Lower Upper

122 100

105 121.8 101.1 141.1

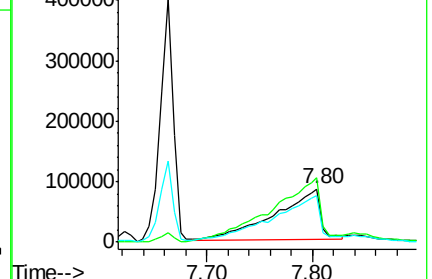
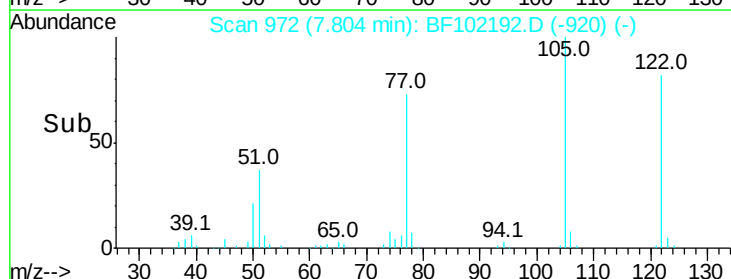
77 88.8 70.7 110.7

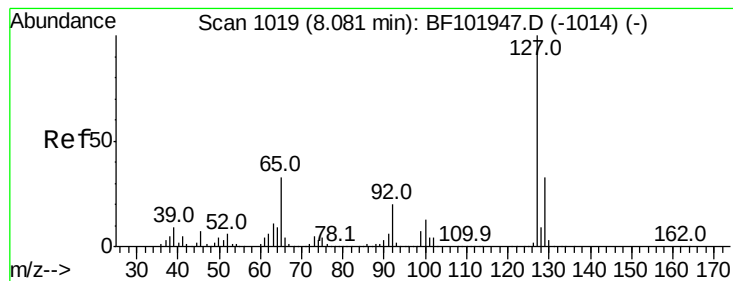


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 39.795 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 530582

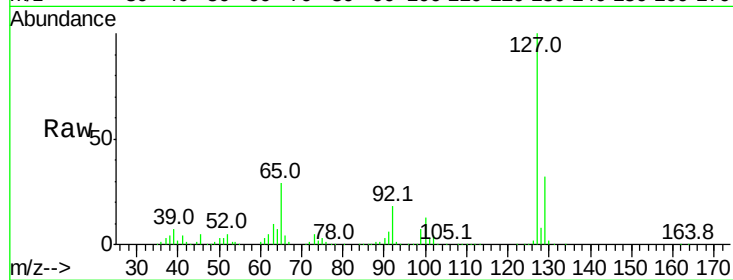
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 28.9 25.0 37.4

92 17.8 15.2 22.8

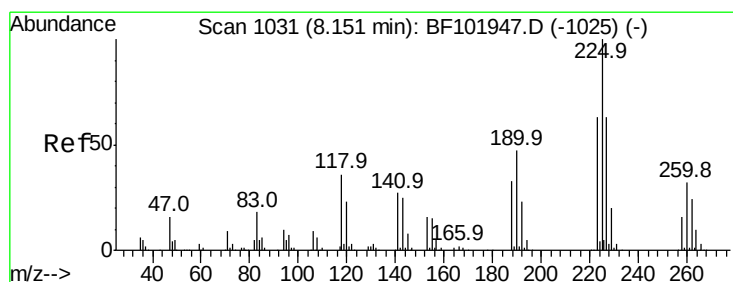
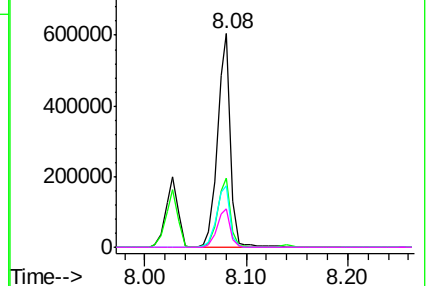
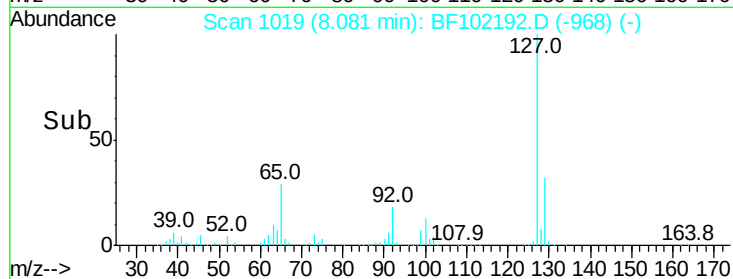


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.372 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

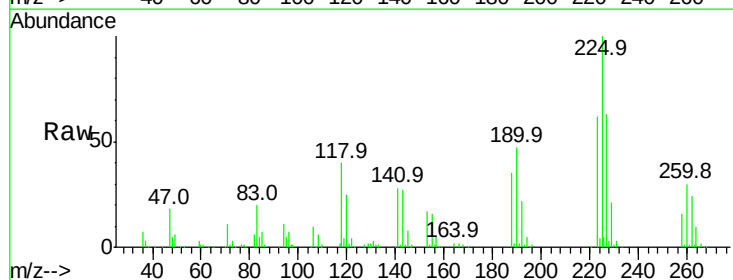
Tgt Ion:225 Resp: 199057

Ion Ratio Lower Upper

225 100

223 62.5 50.6 76.0

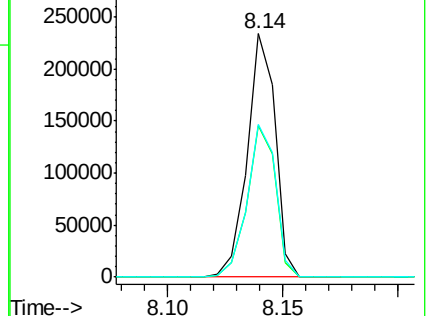
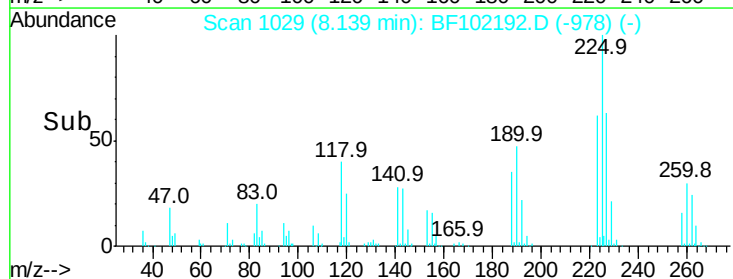
227 62.9 51.9 77.9

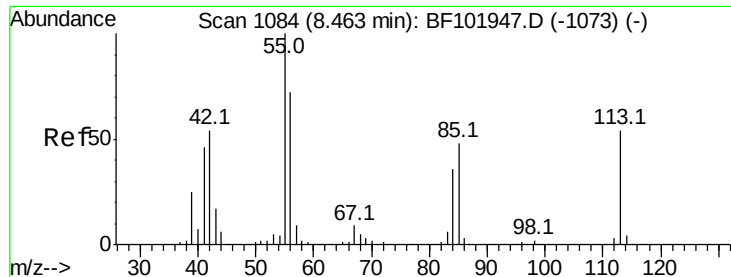


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

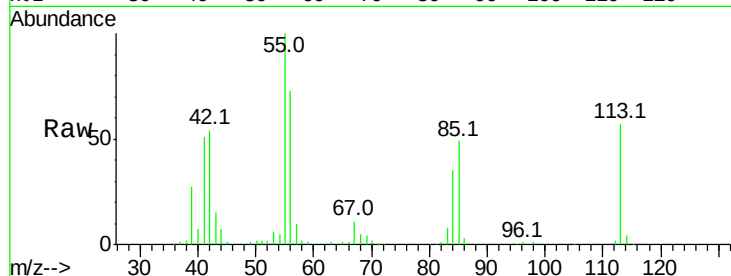




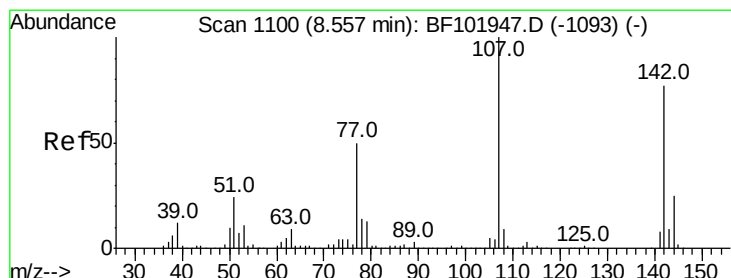
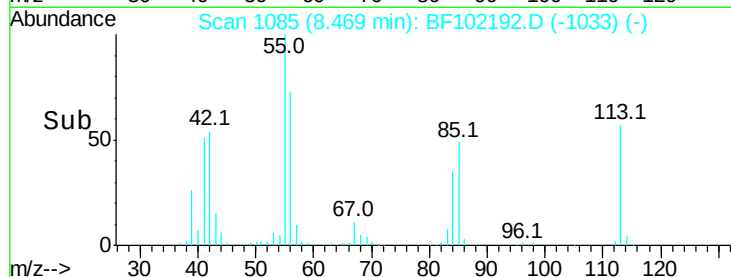
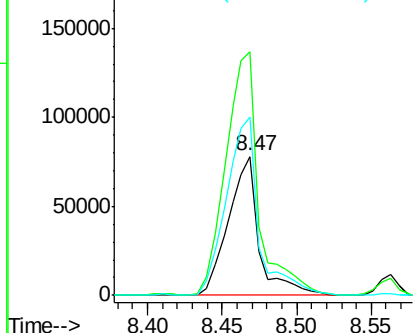
#35
Caprolactam
Concen: 38.716 ng
RT: 8.47 min Scan# 1085
Delta R.T. 0.01 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 112774
Ion Ratio Lower Upper
113 100
55 175.1 163.3 203.3
56 128.6 115.7 155.7

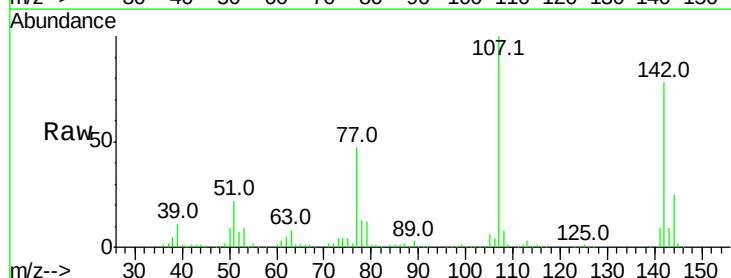


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

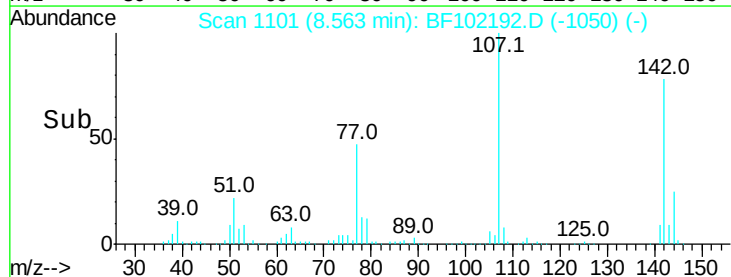
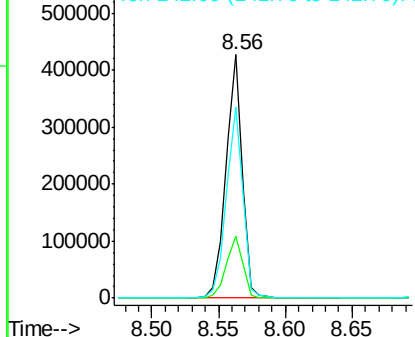


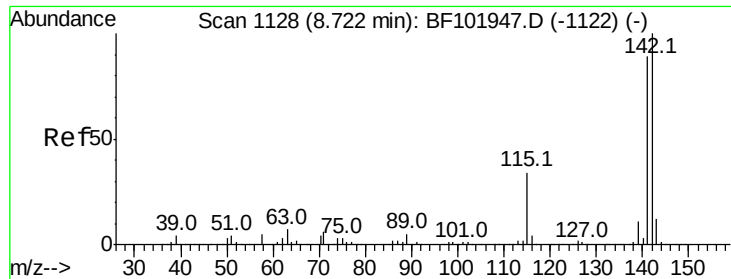
#36
4-Chloro-3-methylphenol
Concen: 39.934 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

Tgt Ion:107 Resp: 370900
Ion Ratio Lower Upper
107 100
144 25.1 20.5 30.7
142 78.4 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

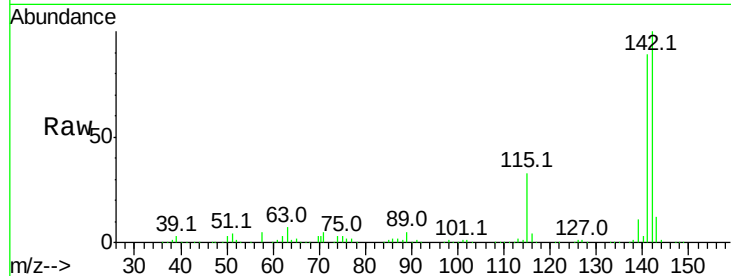




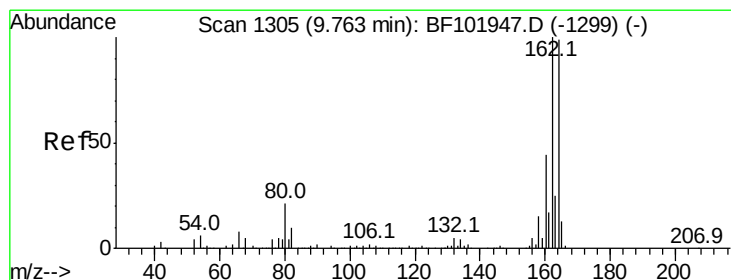
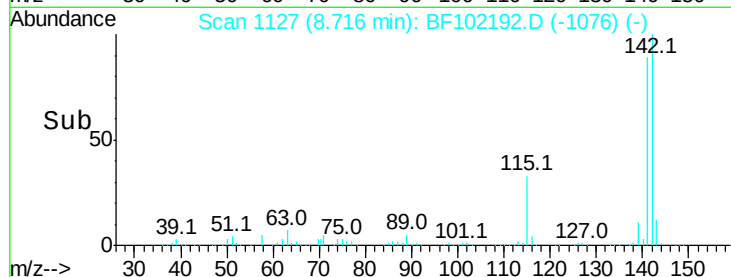
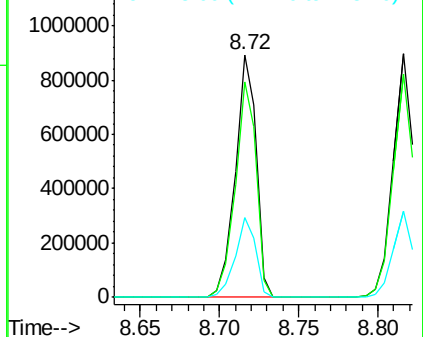
#37
2-Methylnaphthalene
Concen: 39.692 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 816269
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2
115 32.9 26.1 39.1

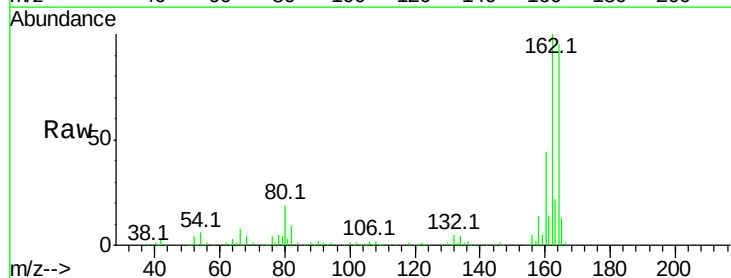


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

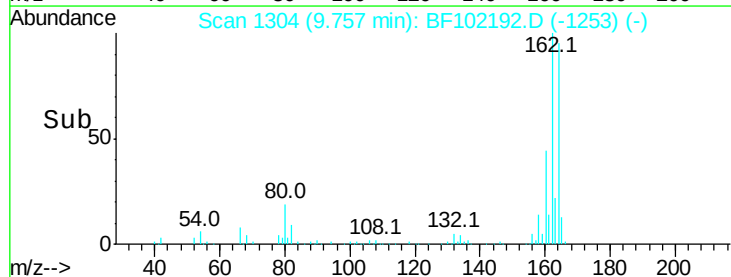
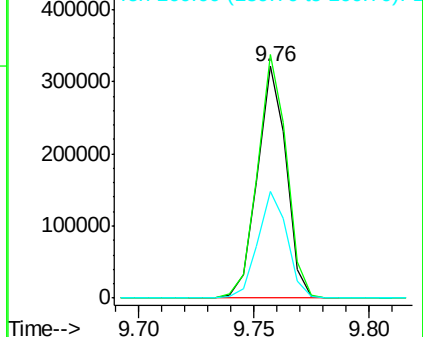


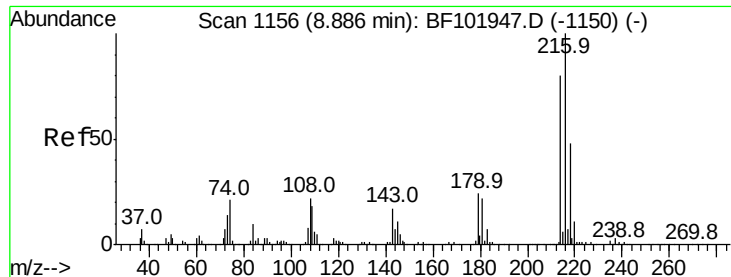
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

Tgt Ion:164 Resp: 279653
Ion Ratio Lower Upper
164 100
162 105.2 86.1 129.1
160 46.1 38.3 57.5



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

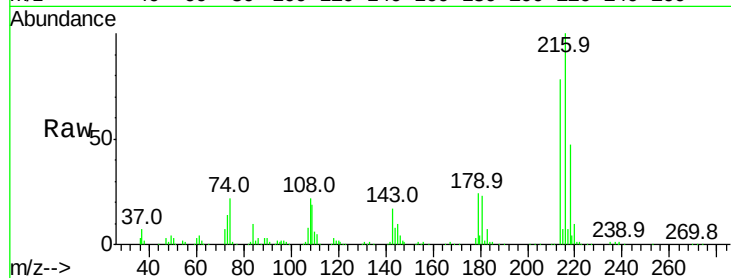




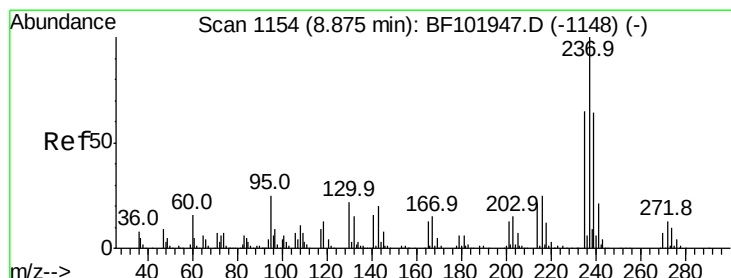
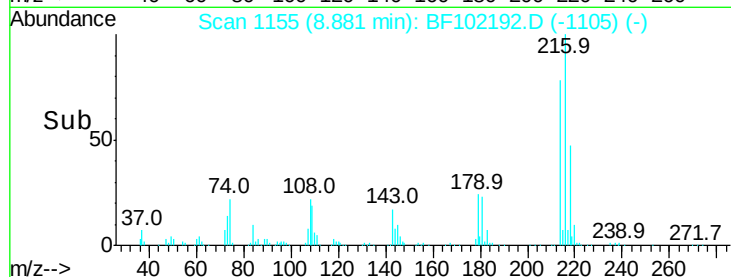
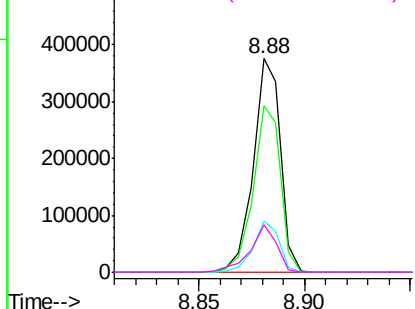
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.317 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	334796
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	23.1	18.1	27.1
108	22.1	17.2	25.8

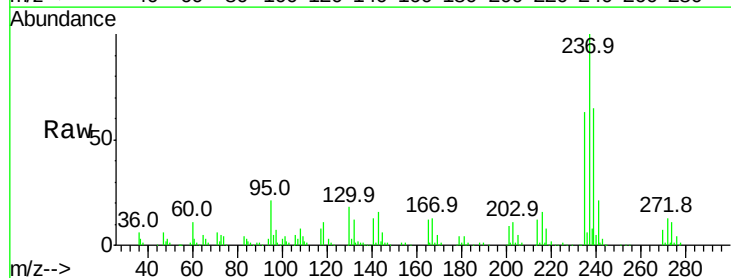


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

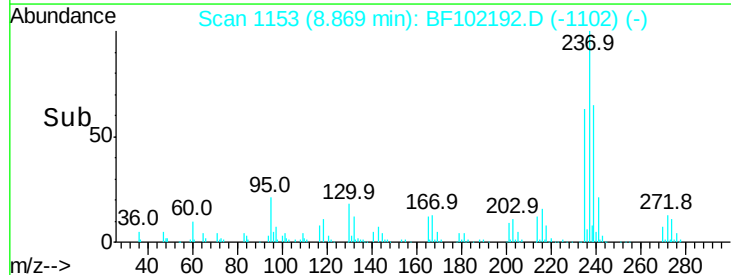
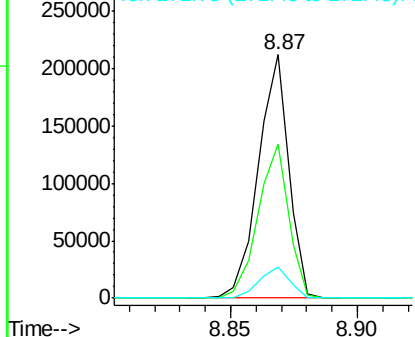


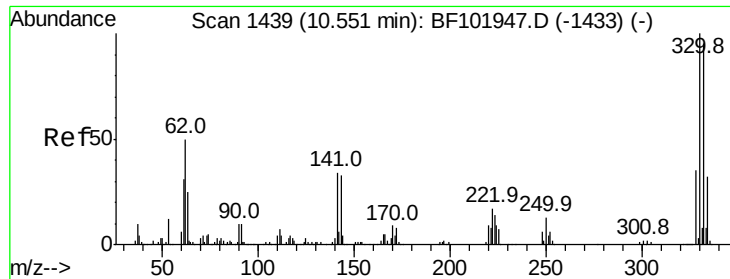
#40
 Hexachlorocyclopentadiene
 Concen: 41.210 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Tgt Ion:	237	Resp:	178305
Ion	Ratio	Lower	Upper
237	100		
235	63.2	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

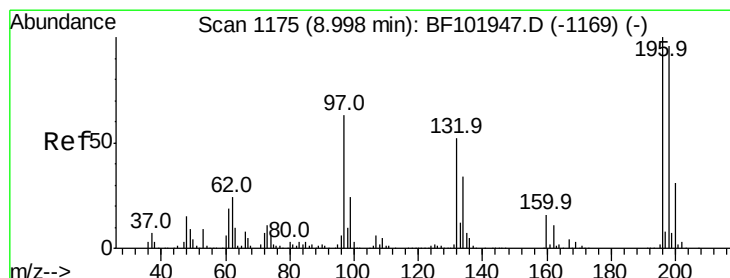
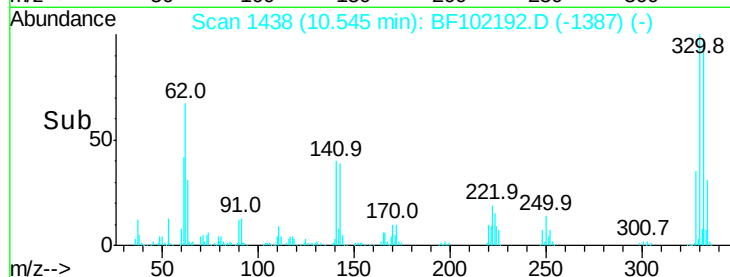
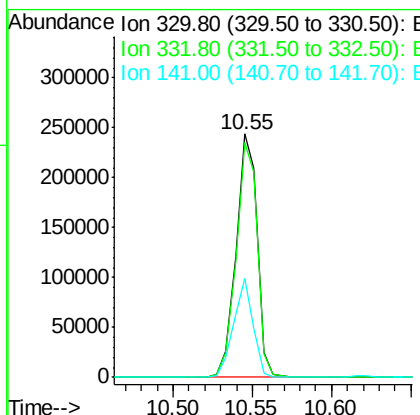
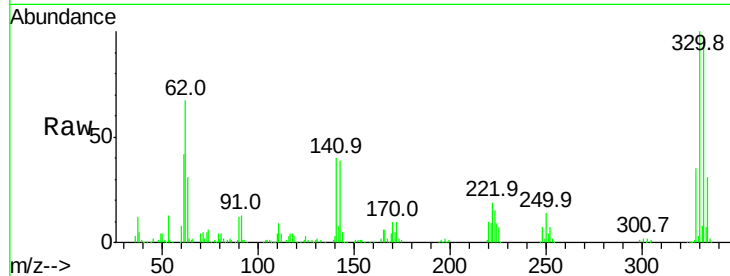




#41
 2,4,6-Tribromophenol
 Concen: 91.889 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

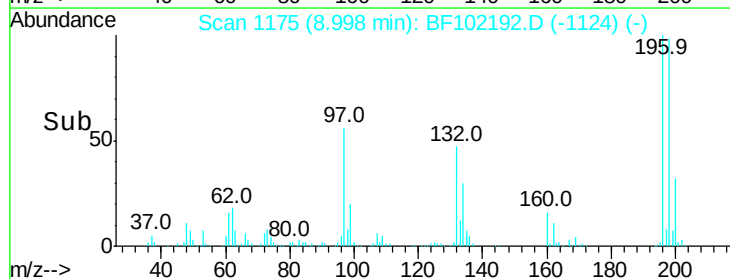
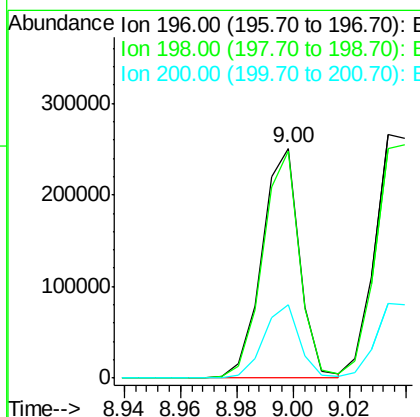
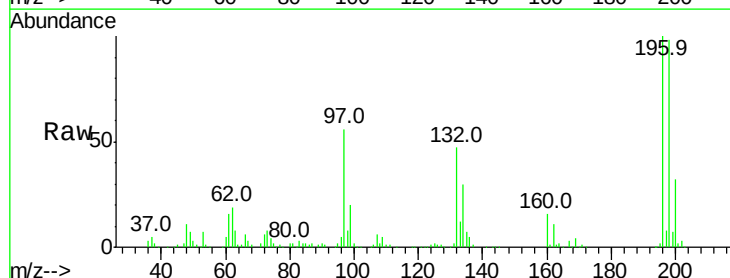
Instrument :
 BNA_F
 ClientSampled :

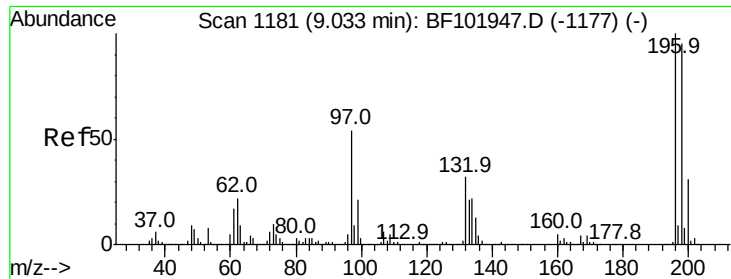
Tot Ion:330 Resp: 224254
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 37.7 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 42.420 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Tgt Ion:196 Resp: 231275
 Ion Ratio Lower Upper
 196 100
 198 98.5 75.7 113.5
 200 32.1 24.5 36.7

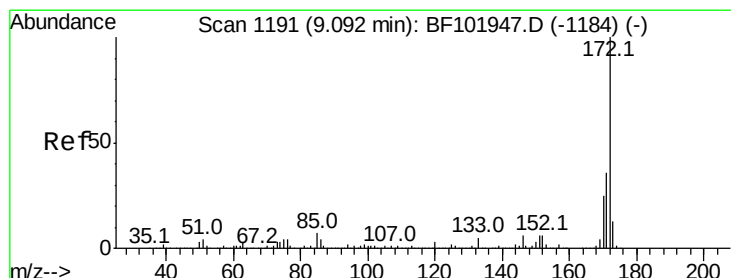
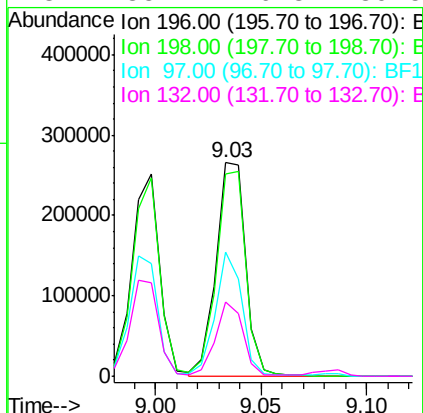
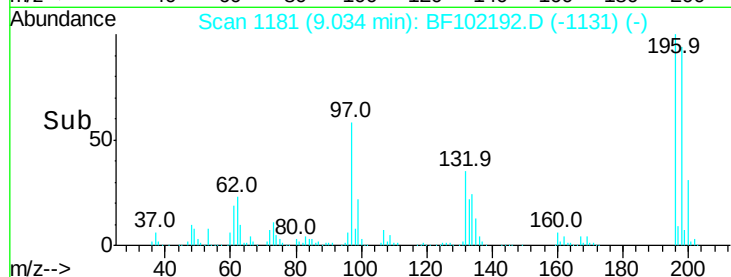
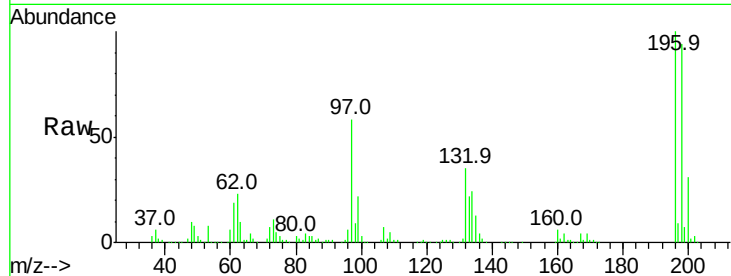




#43
 2,4,5-Trichlorophenol
 Concen: 41.876 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

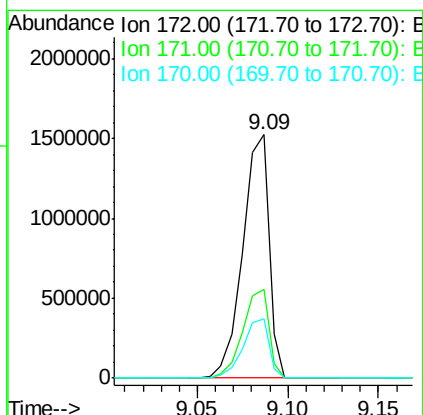
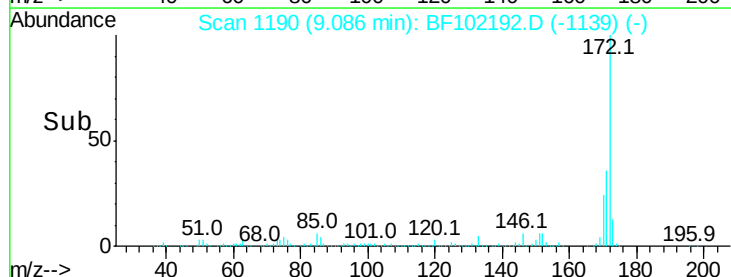
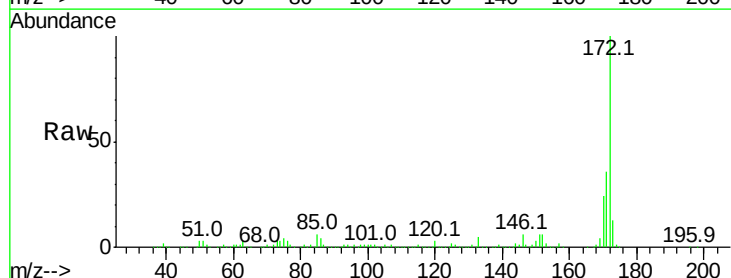
Instrument :
 BNA_F
 ClientSampleId :

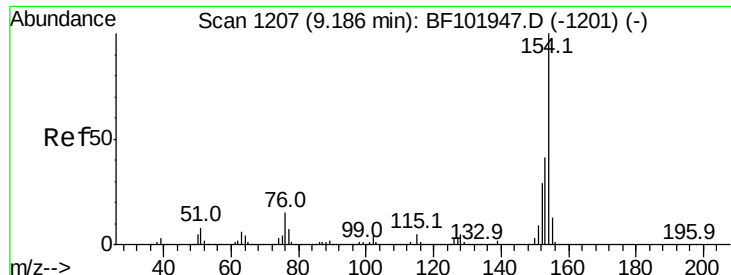
Tot Ion:	196	Resp:	258040
Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.6	112.0
97	58.2	42.9	64.3
132	35.1	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 86.023 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Tgt Ion:	172	Resp:	1539849
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.5	19.6	29.4

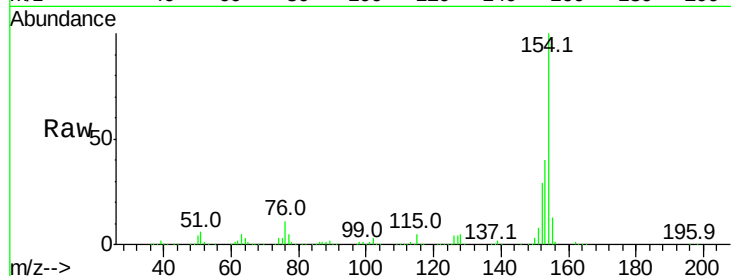




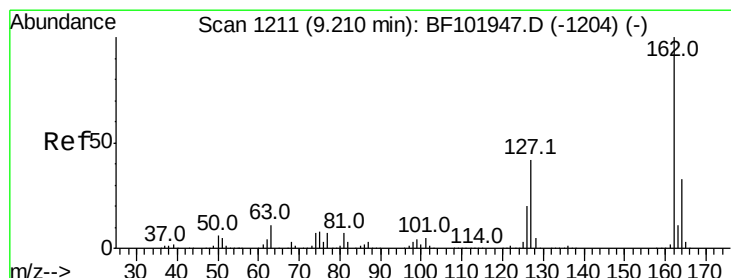
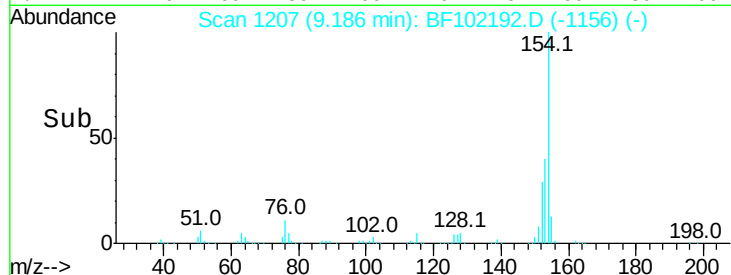
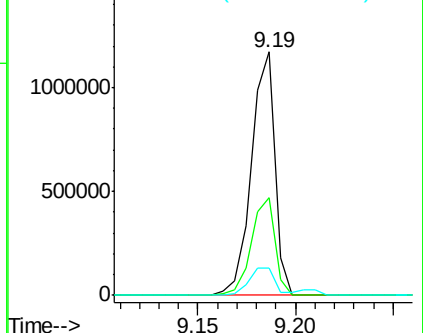
#45
 1,1'-Biphenyl
 Concen: 39.675 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.3	61.3
76	11.4	0.0	34.0

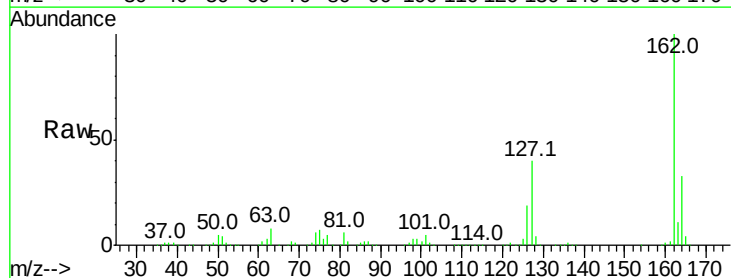


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

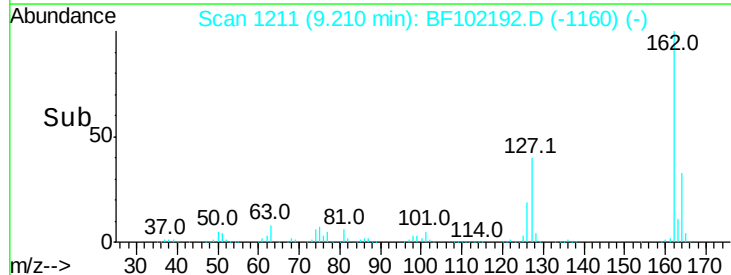
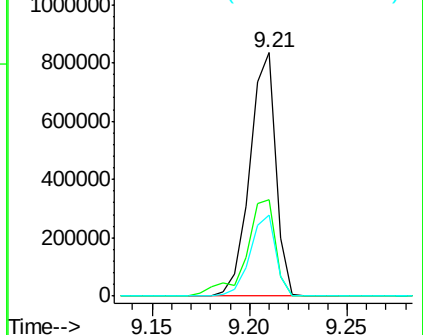


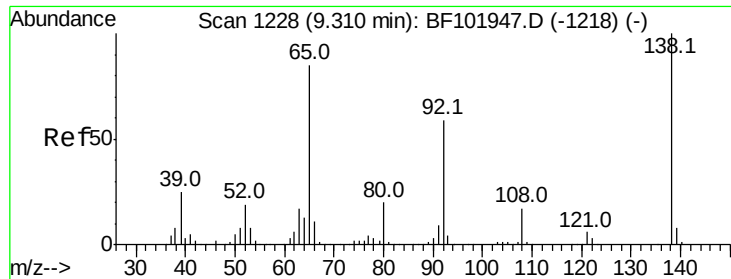
#46
 2-Chloronaphthalene
 Concen: 40.136 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	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

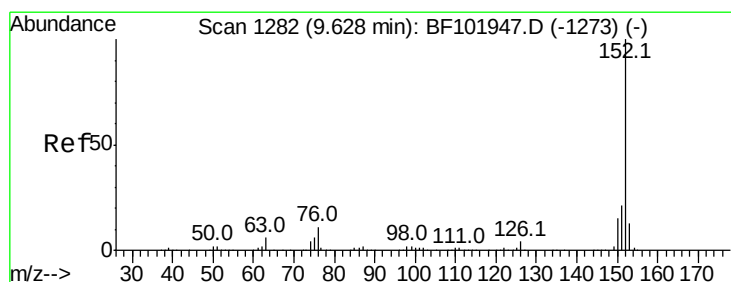
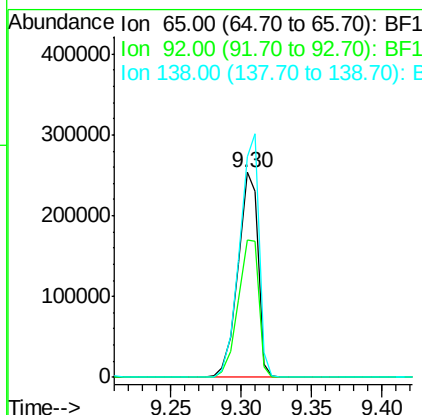
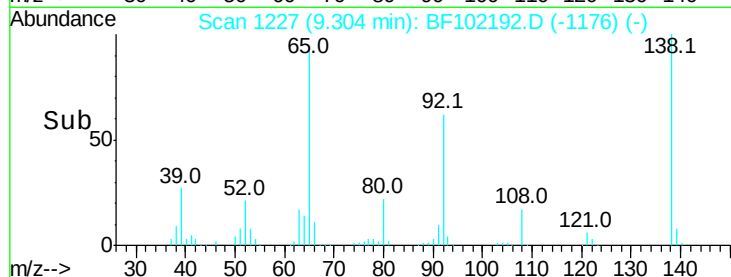
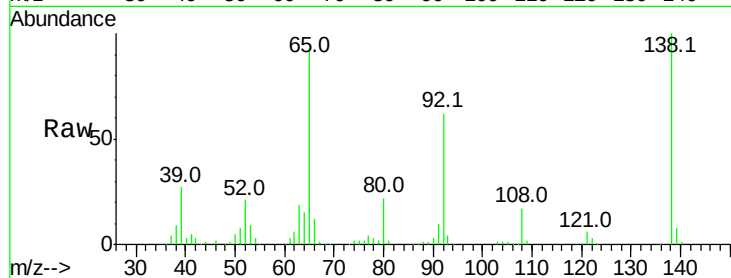




#47
 2-Nitroaniline
 Concen: 43.466 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

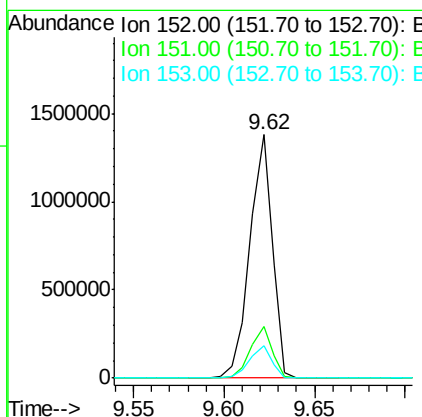
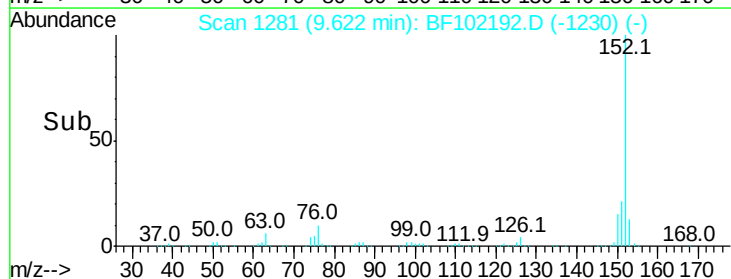
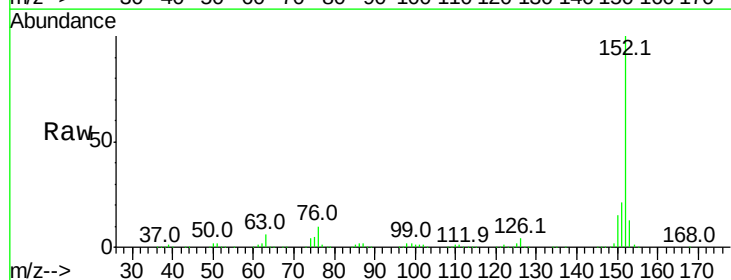
Instrument :
 BNA_F
 ClientSampleId :

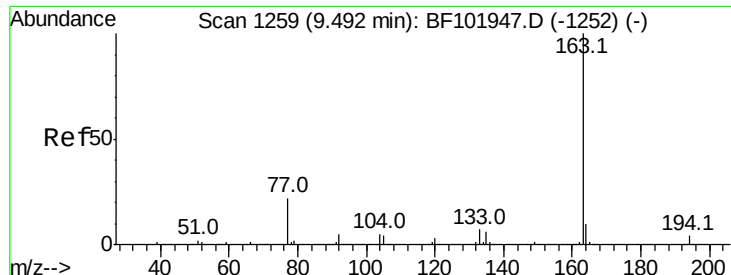
Tot Ion: 65 Resp: 249573
 Ion Ratio Lower Upper
 65 100
 92 67.0 55.8 83.6
 138 108.1 91.2 136.8



#48
 Acenaphthylene
 Concen: 39.281 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Tgt Ion: 152 Resp: 1194919
 Ion Ratio Lower Upper
 152 100
 151 21.2 16.3 24.5
 153 13.5 10.7 16.1

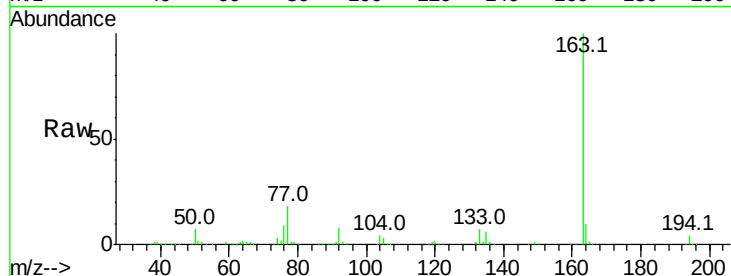




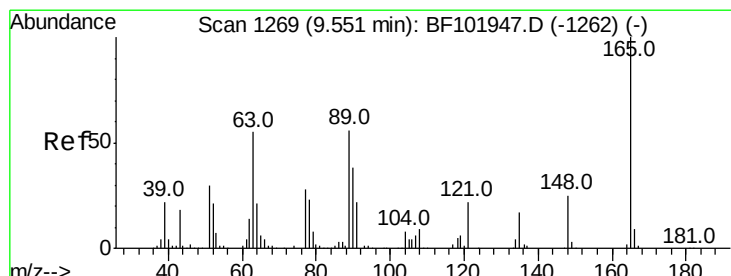
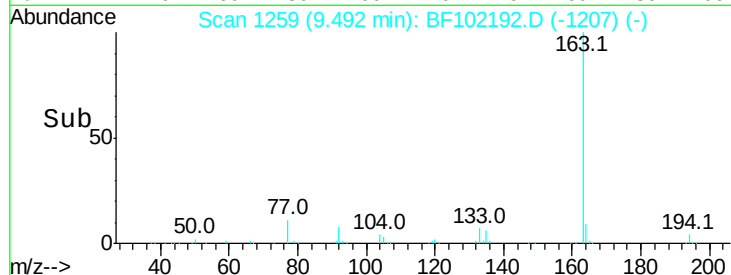
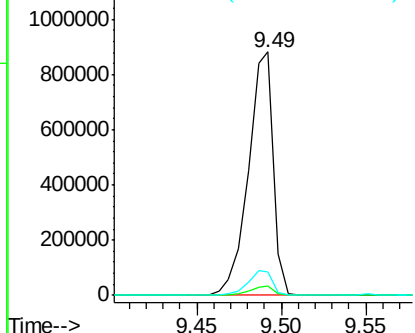
#49
Dimethylphthalate
Concen: 40.494 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 908444
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.9 8.2 12.2

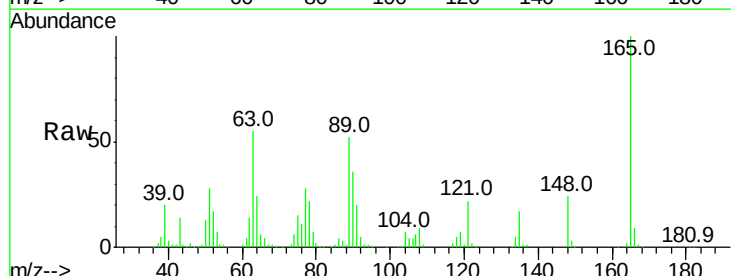


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

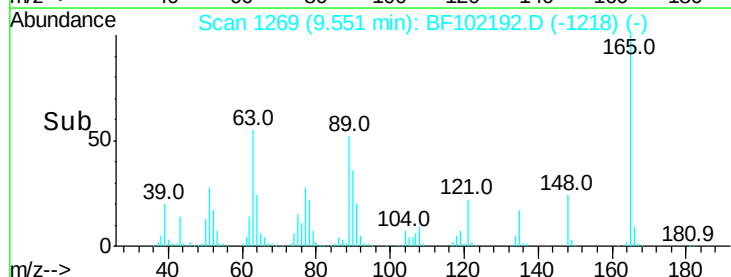
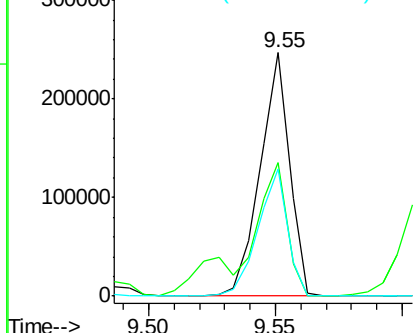


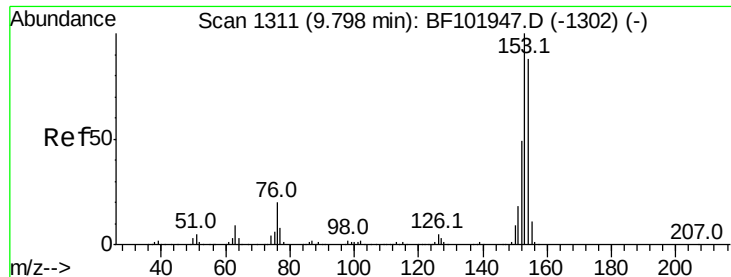
#50
2,6-Dinitrotoluene
Concen: 44.940 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

Tgt Ion:165 Resp: 201387
Ion Ratio Lower Upper
165 100
63 54.8 44.7 67.1
89 52.1 44.0 66.0



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





#51

Acenaphthene

Concen: 37.559 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

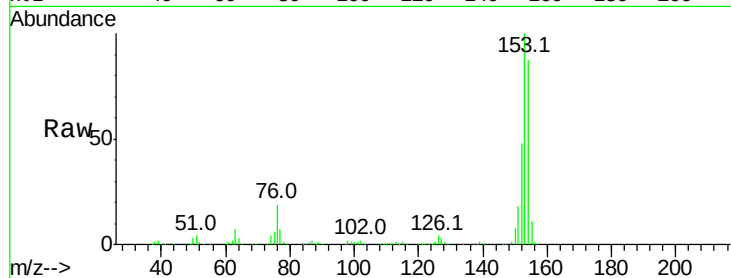
Tot Ion:154 Resp: 693468

Ion Ratio Lower Upper

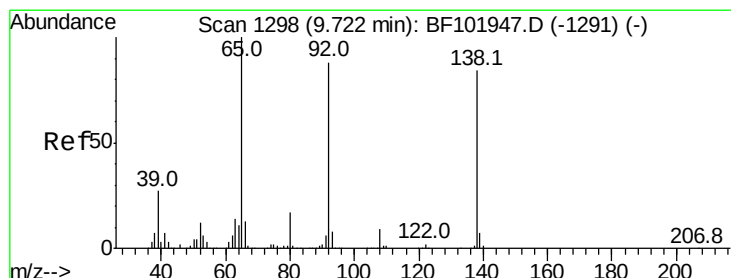
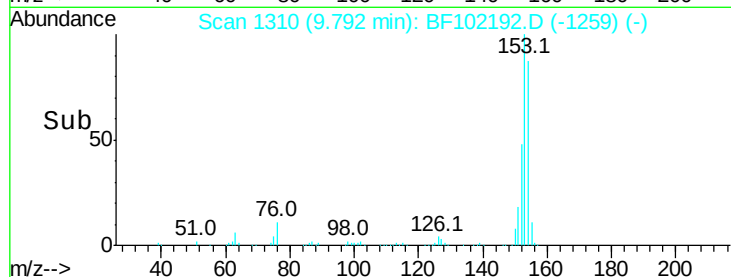
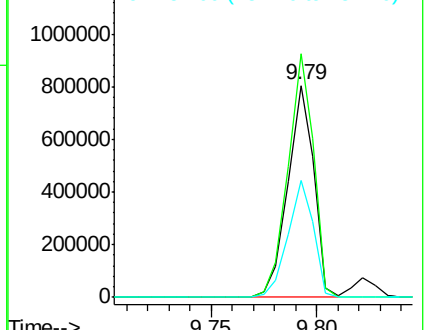
154 100

153 114.8 91.2 136.8

152 55.1 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: 42.177 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

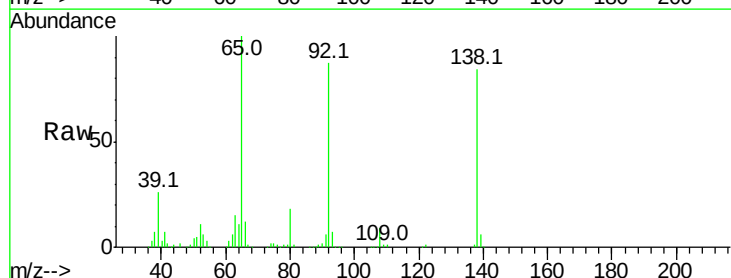
Tgt Ion:138 Resp: 238532

Ion Ratio Lower Upper

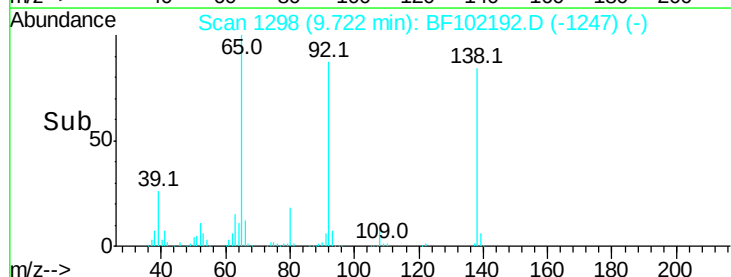
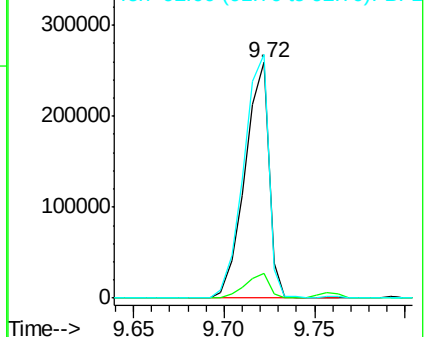
138 100

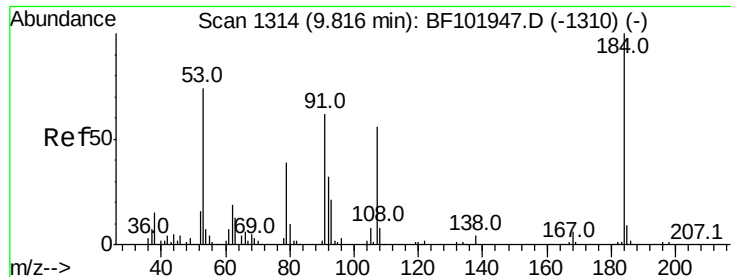
108 10.8 9.4 14.0

92 103.4 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

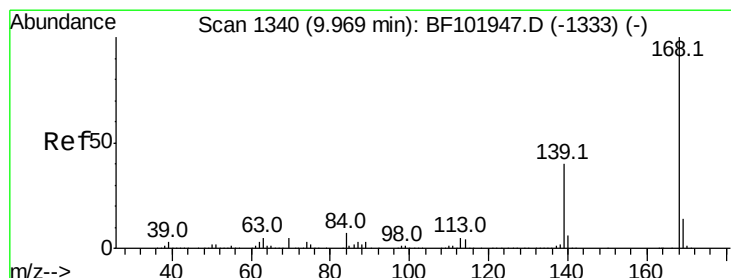
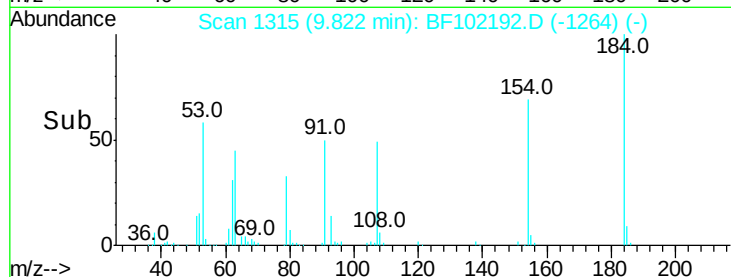
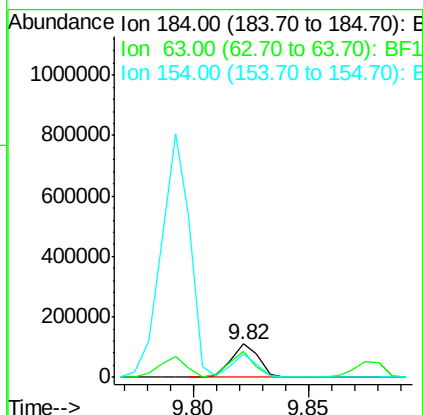
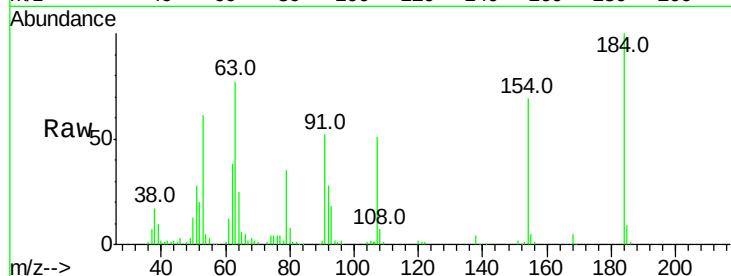




#53
2,4-Dinitrophenol
Concen: 57.424 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

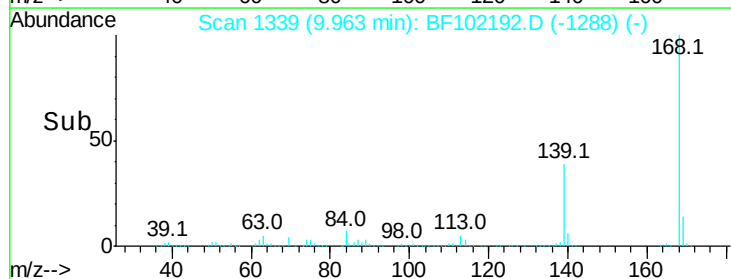
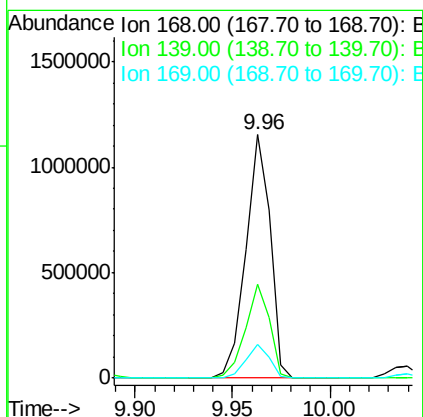
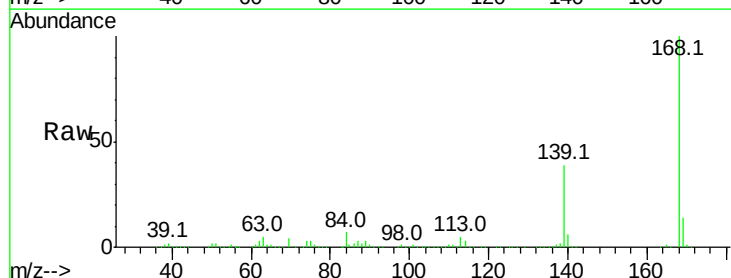
Instrument :
BNA_F
ClientSampleId :

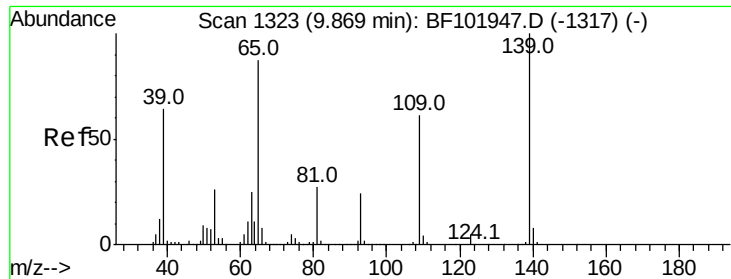
Tot Ion:184 Resp: 93649
Ion Ratio Lower Upper
184 100
63 76.6 54.2 81.2
154 69.4 184.0 276.0#



#54
Dibenzofuran
Concen: 39.314 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

Tgt Ion:168 Resp: 996198
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 13.9 10.9 16.3





#55

4-Nitrophenol

Concen: 42.470 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

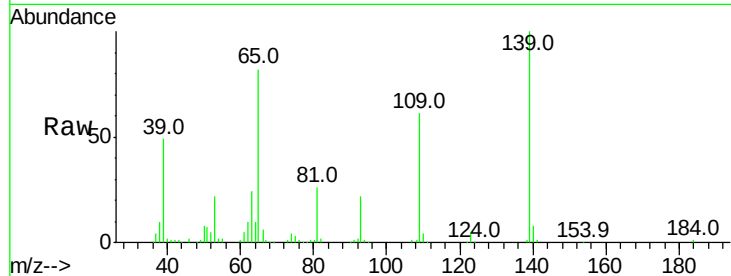
Tot Ion:139 Resp: 178999

Ion Ratio Lower Upper

139 100

109 61.0 48.4 88.4

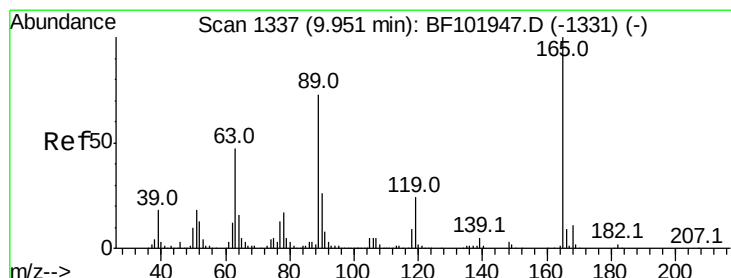
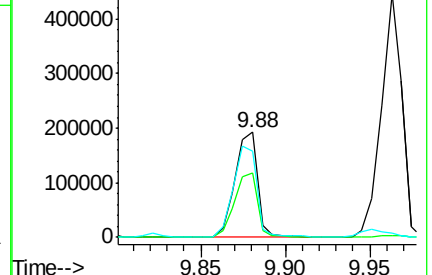
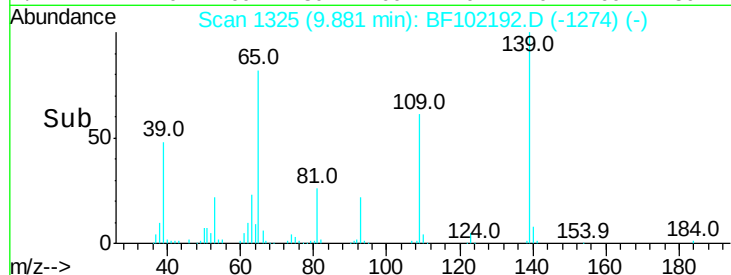
65 81.6 72.6 112.6



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: 46.176 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Tgt Ion:165 Resp: 259358

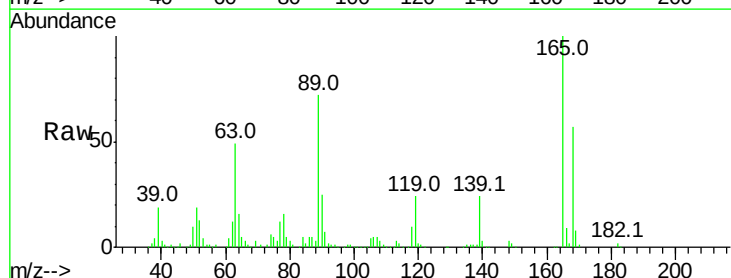
Ion Ratio Lower Upper

165 100

63 49.2 36.4 54.6

89 72.3 57.8 86.6

182 2.0 1.6 2.4

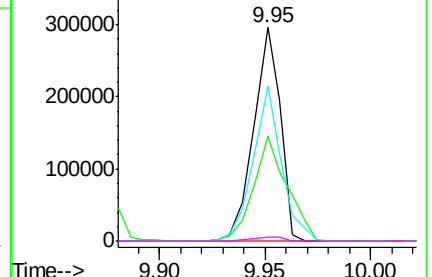
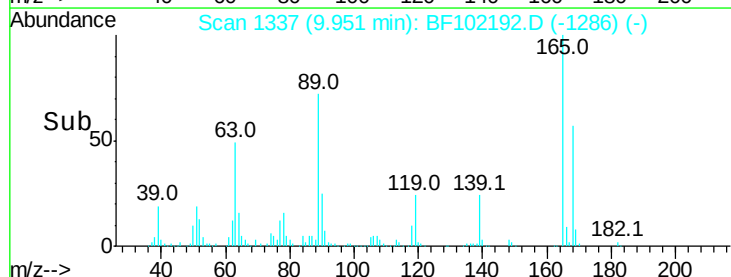


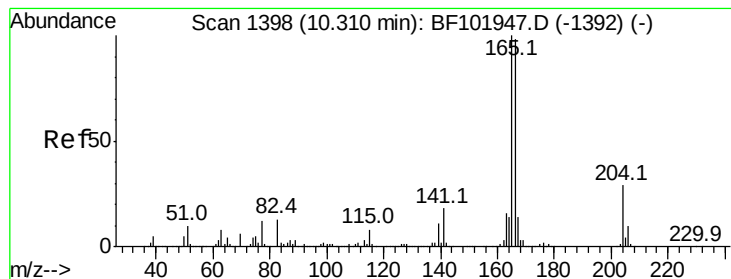
Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.717 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

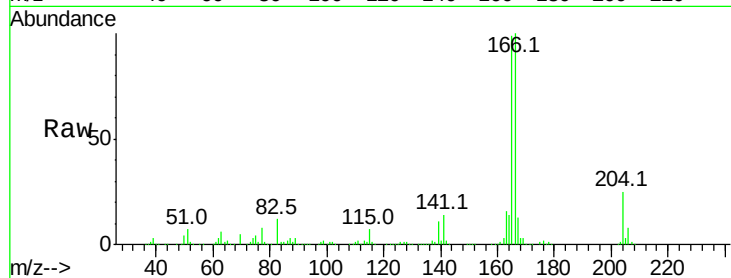
Tot Ion:166 Resp: 765800

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

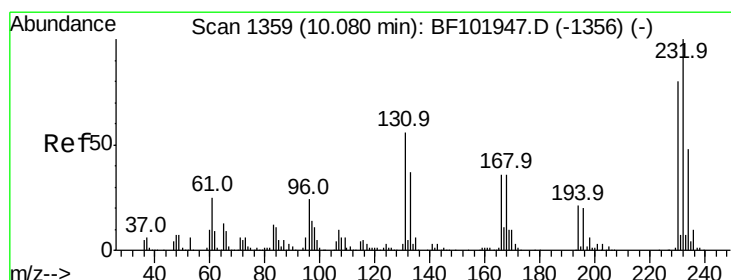
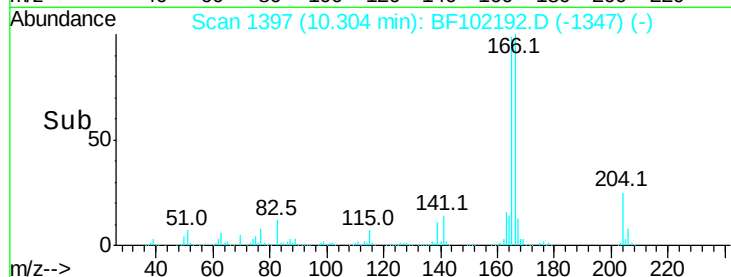
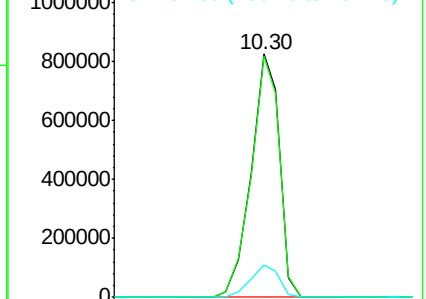
167 13.4 10.6 16.0



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: 42.852 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Tgt Ion:232 Resp: 187991

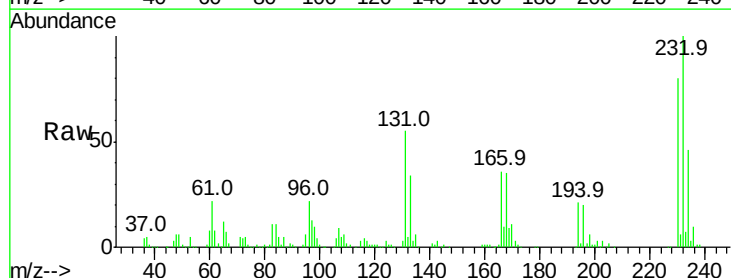
Ion Ratio Lower Upper

232 100

131 53.5 43.8 65.8

130 2.6 2.1 3.1

166 34.6 27.8 41.6

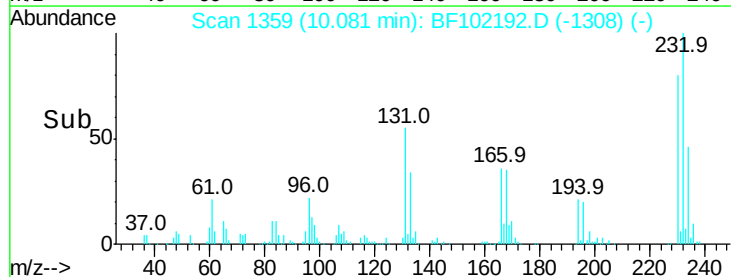
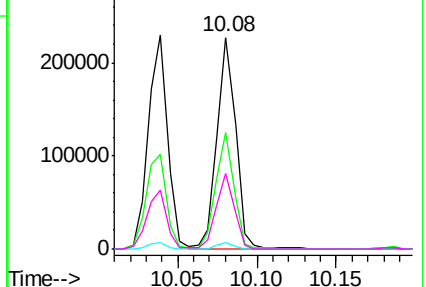


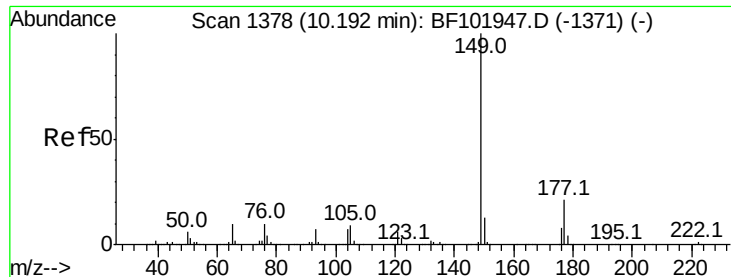
Abundance Ion 232.00 (231.70 to 232.70): E

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

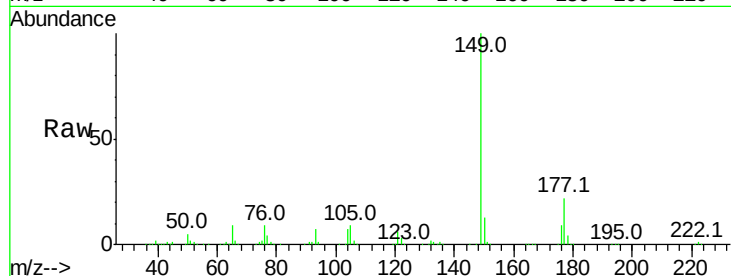




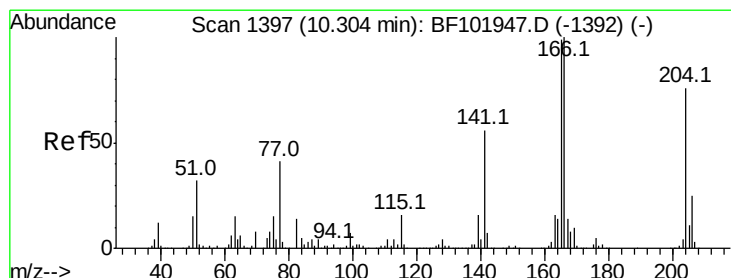
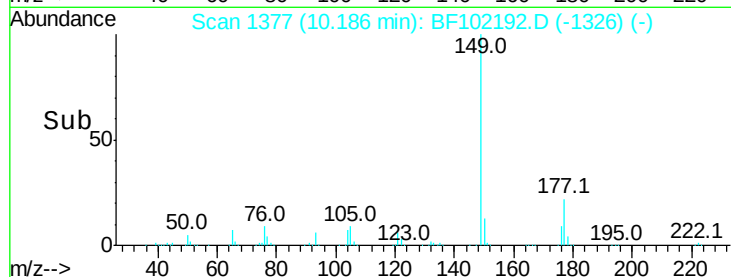
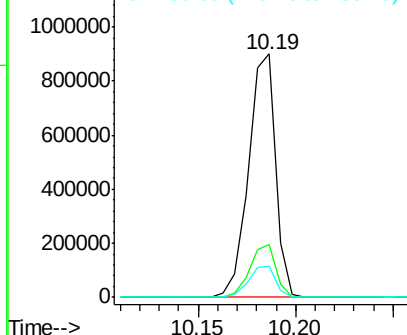
#59
Diethylphthalate
Concen: 38.686 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 863313
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.5 10.1 15.1

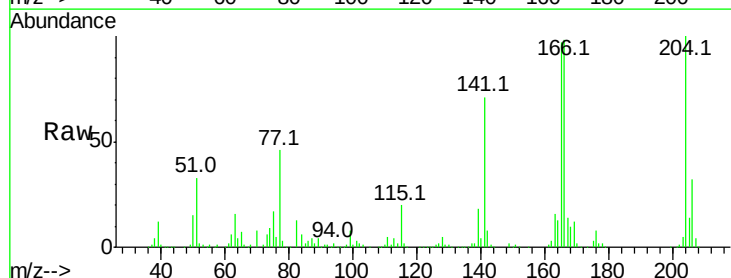


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

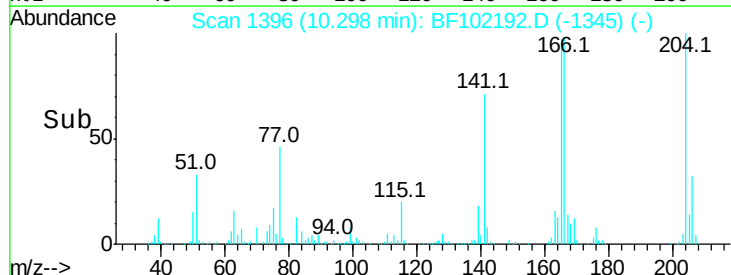
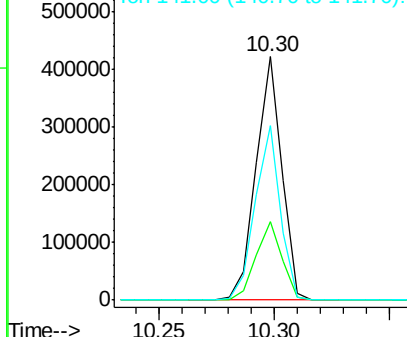


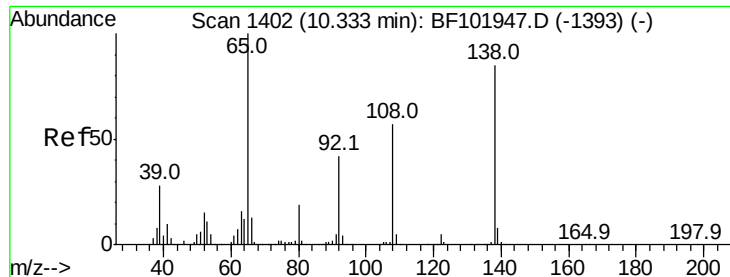
#60
4-Chlorophenyl-phenylether
Concen: 44.392 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

Tgt Ion:204 Resp: 331124
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 71.5 54.6 81.8



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

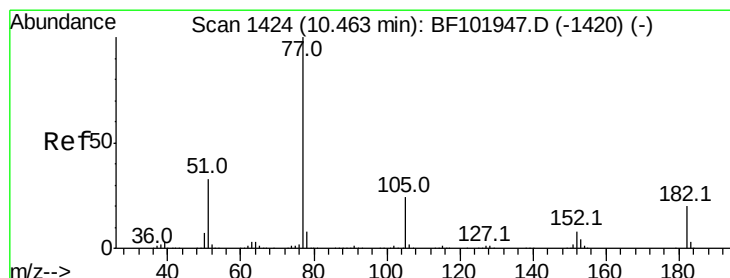
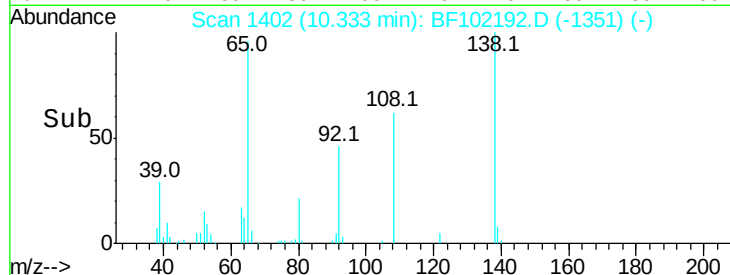
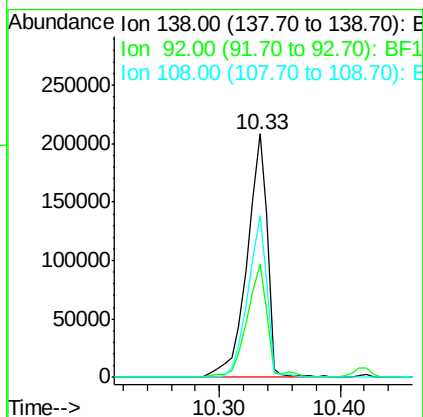
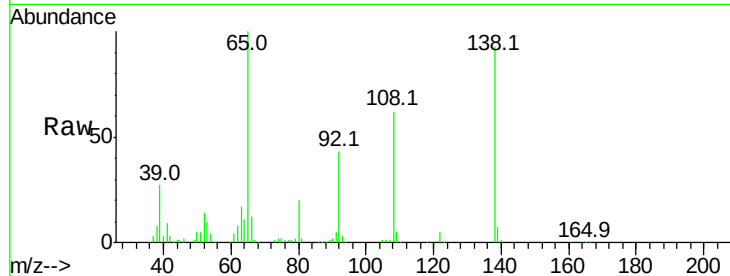




#61
4-Nitroaniline
Concen: 45.537 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

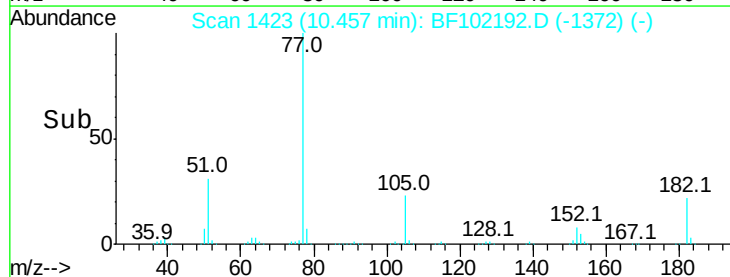
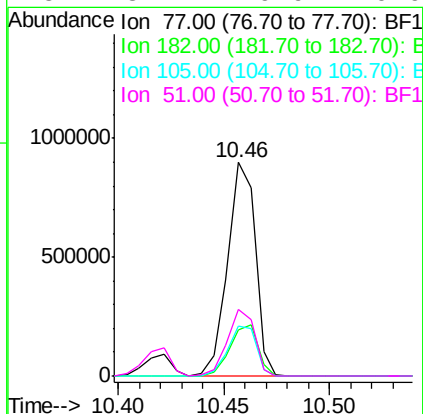
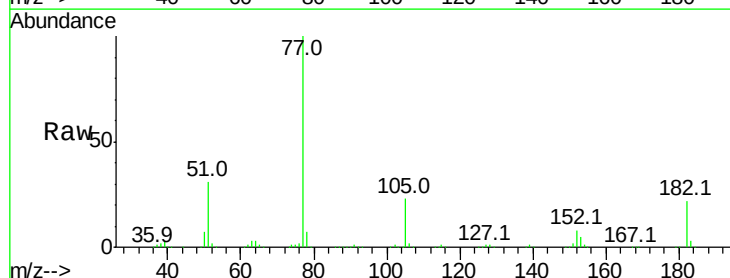
Instrument :
BNA_F
ClientSampled :

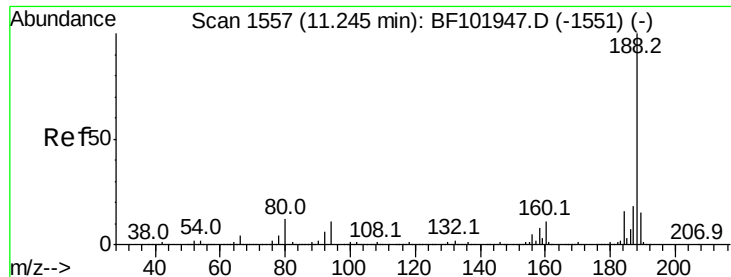
Tot Ion:138 Resp: 244414
Ion Ratio Lower Upper
138 100
92 46.5 30.2 70.2
108 66.7 52.5 92.5



#62
Azobenzene
Concen: 36.649 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

Tgt Ion: 77 Resp: 813695
Ion Ratio Lower Upper
77 100
182 21.9 1.7 41.7
105 23.3 3.0 43.0
51 31.4 9.9 49.9

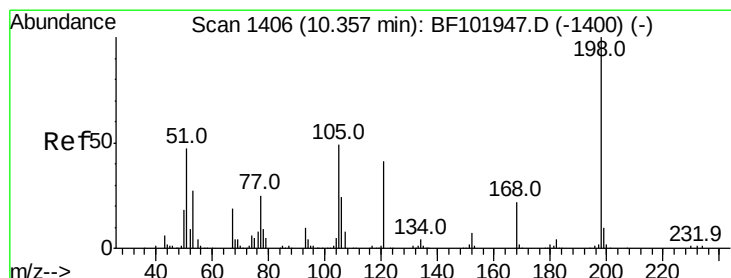
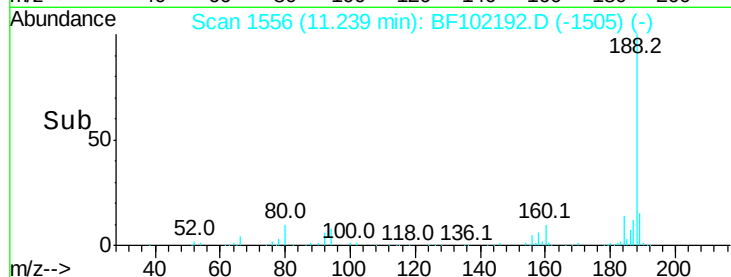
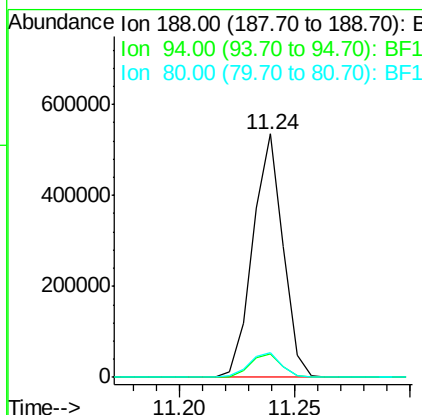
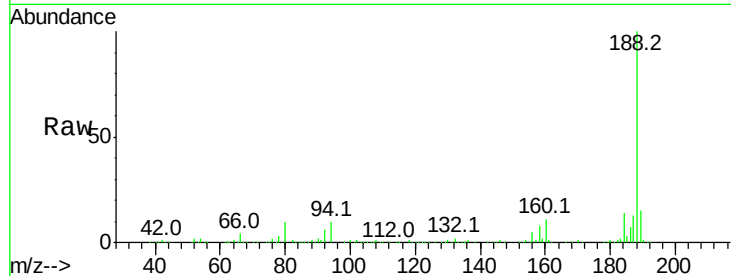




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

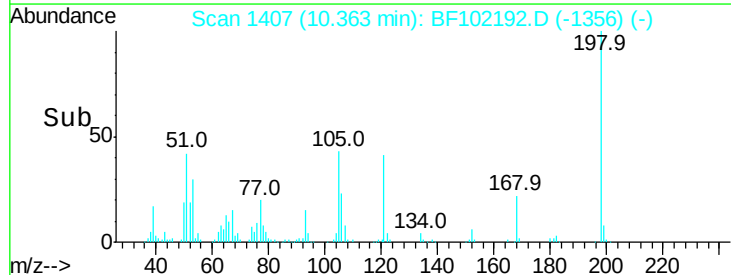
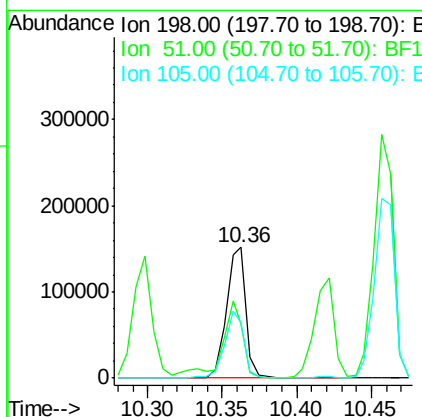
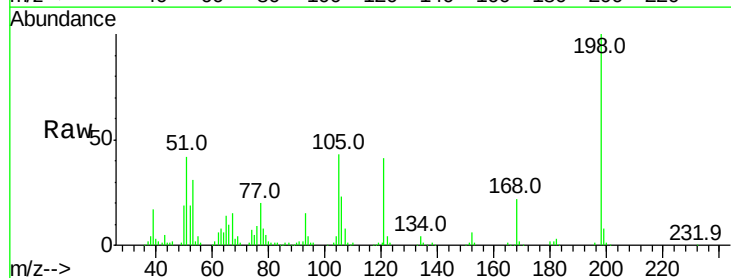
Instrument :
 BNA_F
 ClientSampleId :

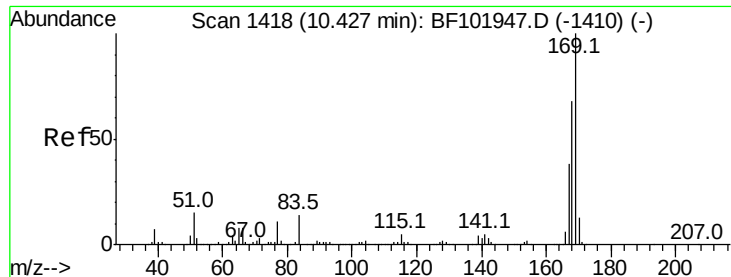
Tot Ion:188 Resp: 487889
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.4 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 52.513 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Tgt Ion:198 Resp: 140747
 Ion Ratio Lower Upper
 198 100
 51 41.6 37.7 77.7
 105 42.8 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 38.608 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

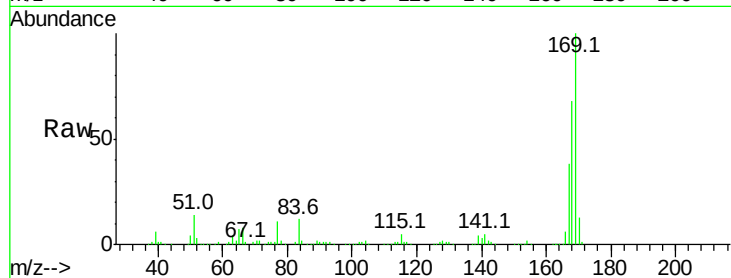
Tot Ion:169 Resp: 705350

Ion Ratio Lower Upper

169 100

168 68.3 54.4 81.6

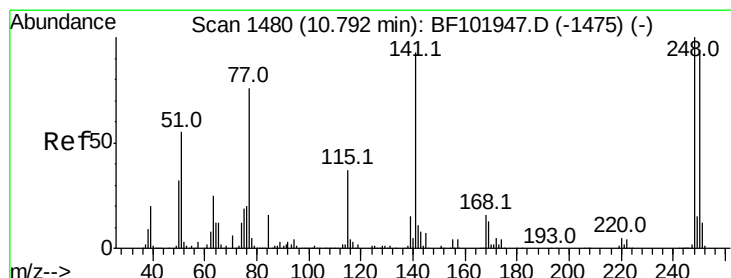
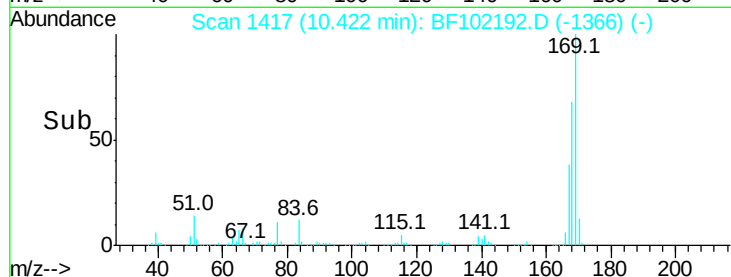
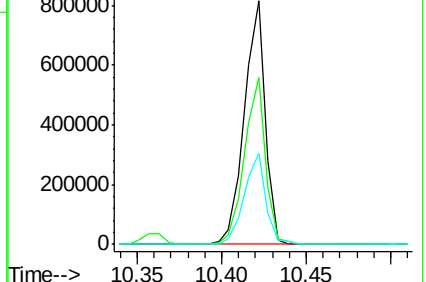
167 37.6 29.8 44.6



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: 41.023 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

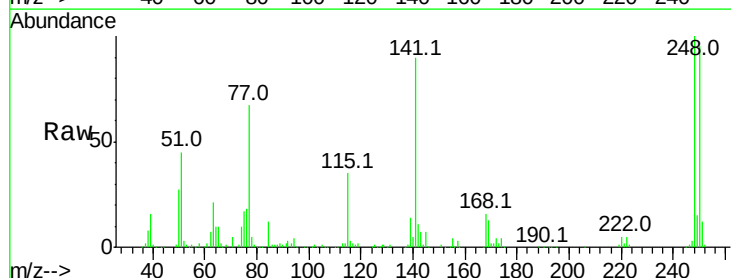
Tgt Ion:248 Resp: 211363

Ion Ratio Lower Upper

248 100

250 95.1 76.9 115.3

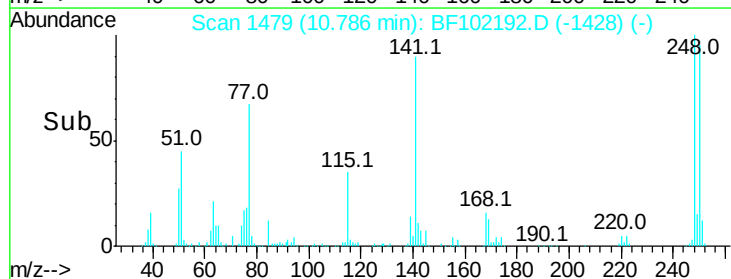
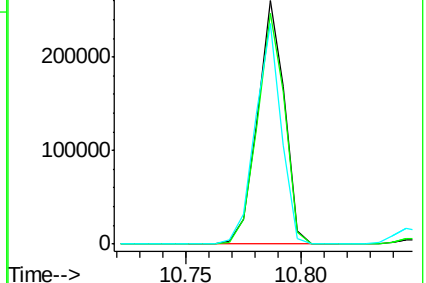
141 90.5 74.4 111.6

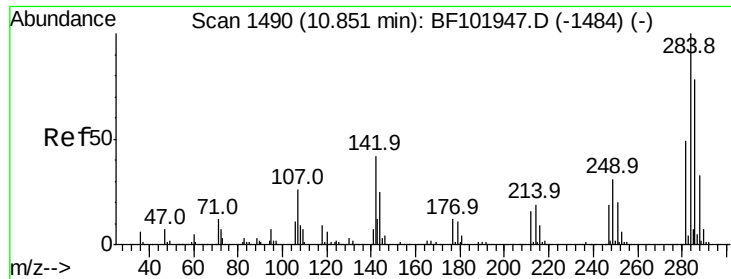


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.075 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

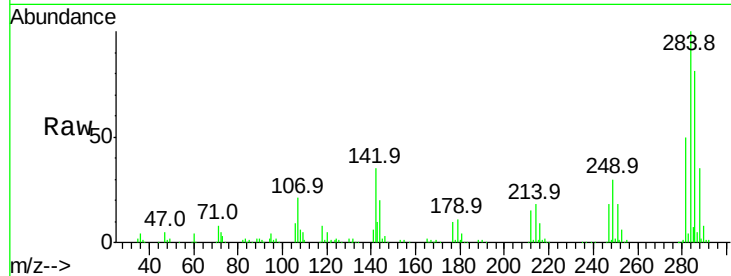
Instrument :

BNA_F

ClientSampleId :

Tot Ion:284 Resp: 231040

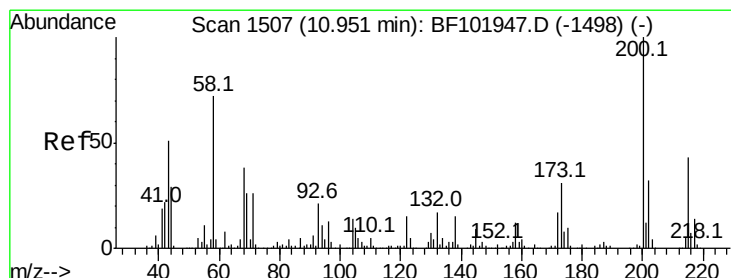
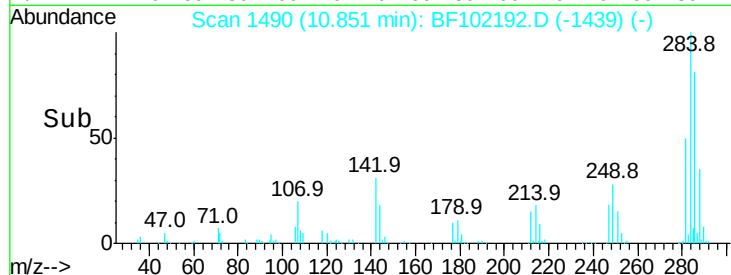
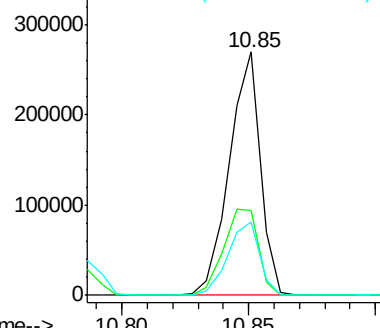
Ion	Ratio	Lower	Upper
284	100		
142	34.6	34.6	52.0
249	30.0	24.8	37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.594 ng

RT: 10.95 min Scan# 1507

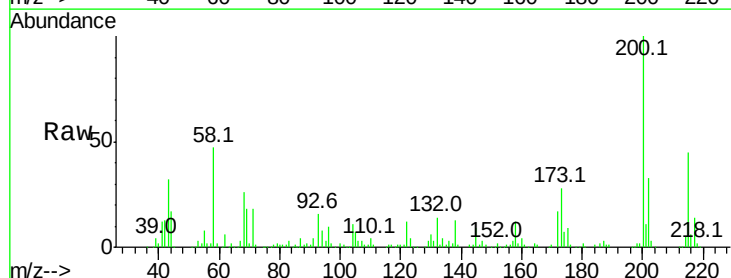
Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Tgt Ion:200 Resp: 219610

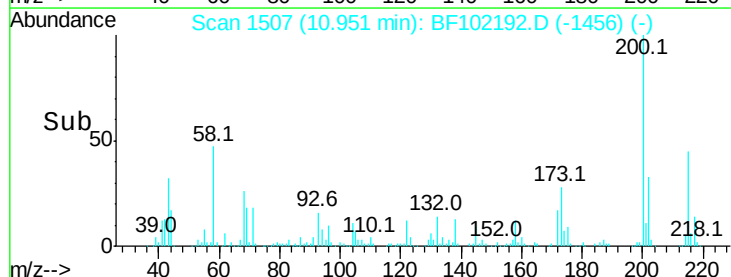
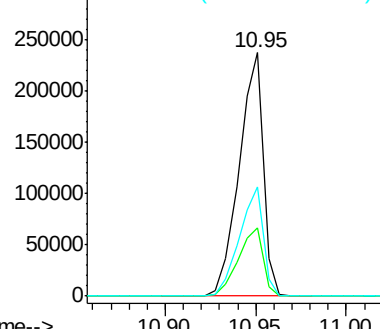
Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.6	48.6
215	44.8	25.1	65.1

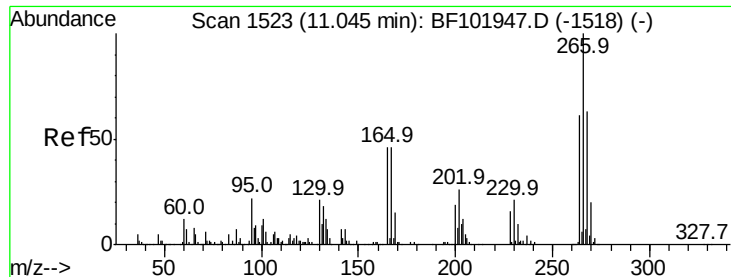


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

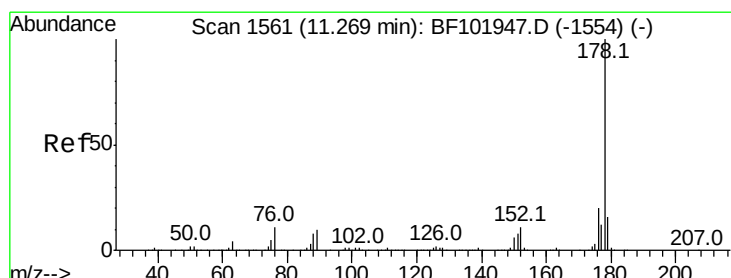
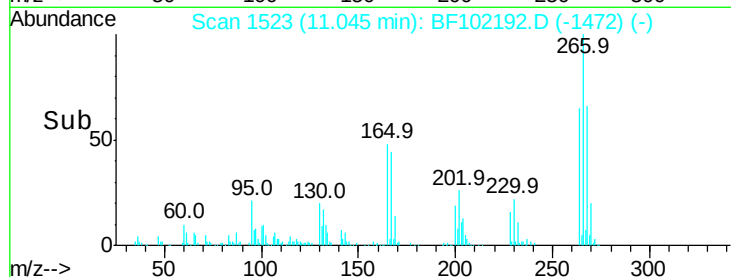
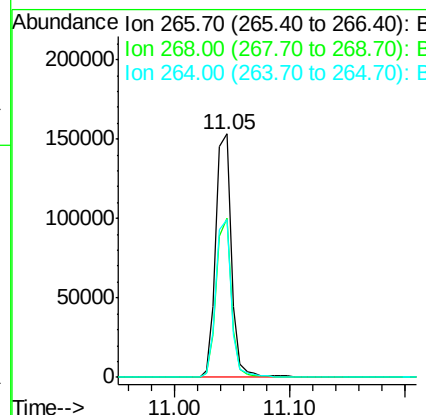
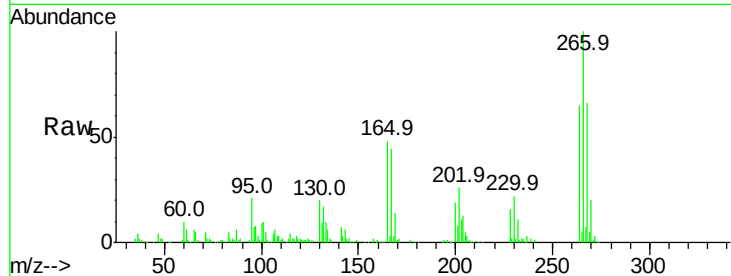




#69
 Pentachlorophenol
 Concen: 42.568 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

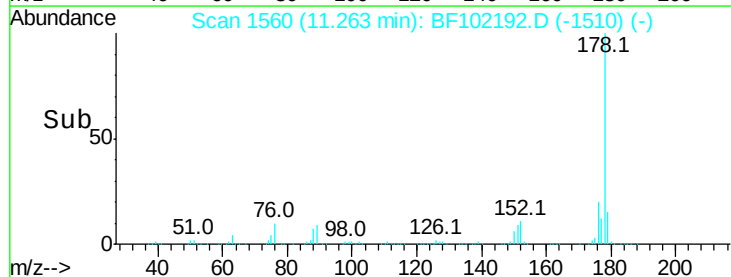
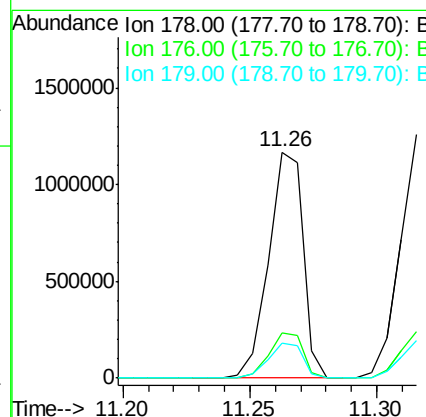
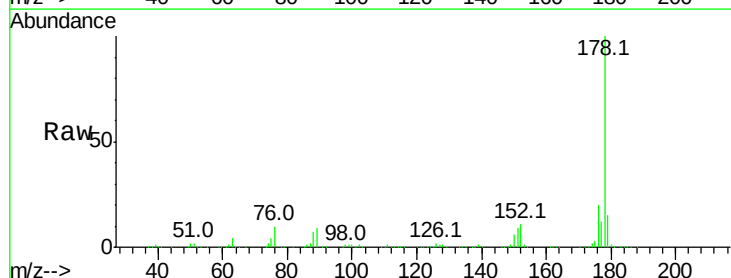
Instrument :
 BNA_F
 ClientSampleId :

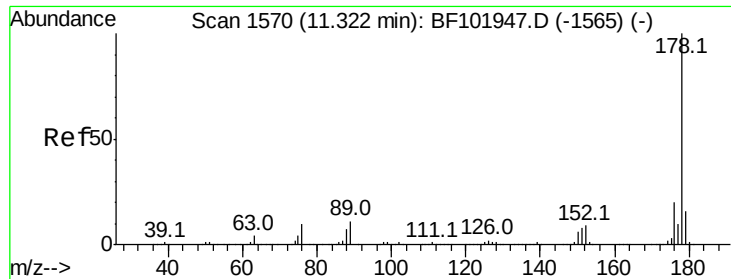
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.1	76.7
264	64.8	49.5	74.3



#70
 Phenanthrene
 Concen: 39.068 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

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

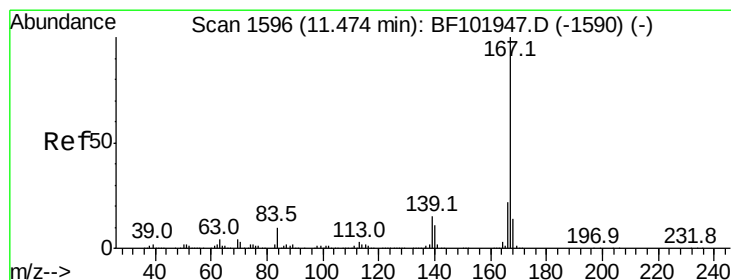
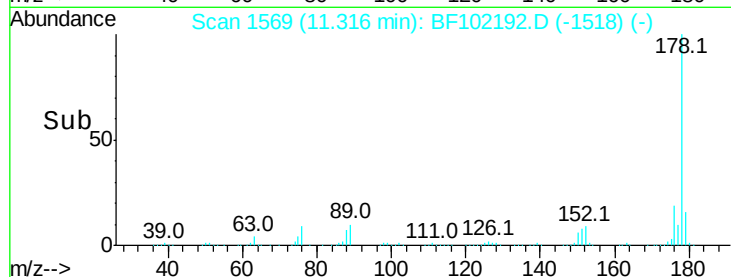
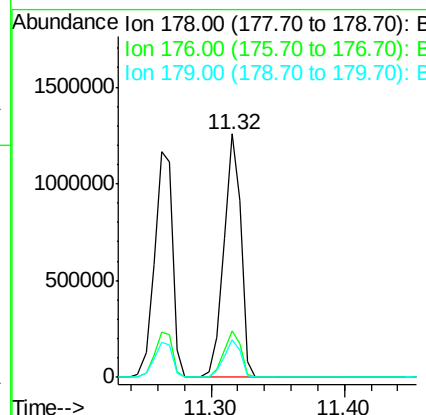
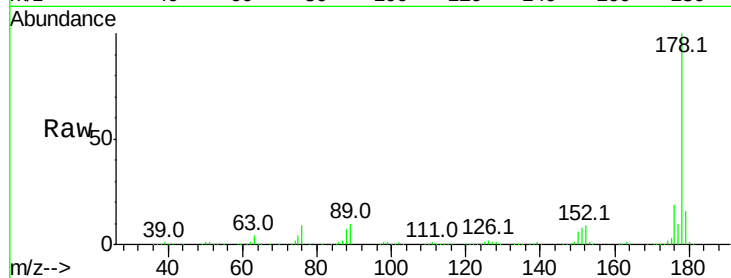




#71
 Anthracene
 Concen: 39.264 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

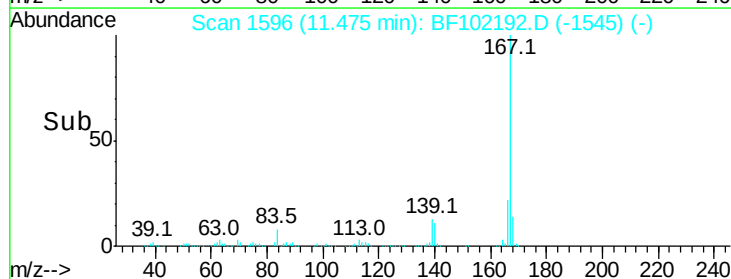
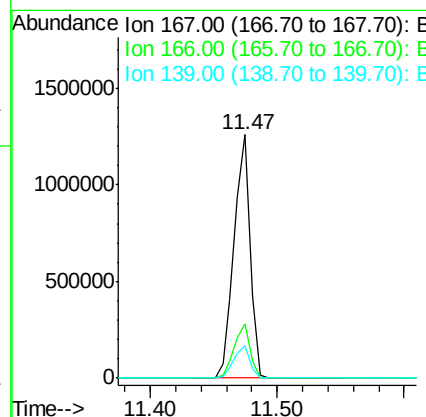
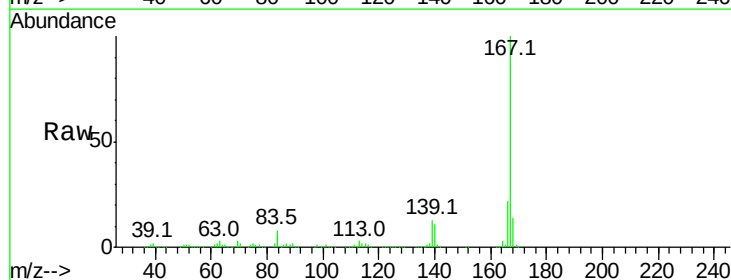
Instrument :
 BNA_F
 ClientSampleId :

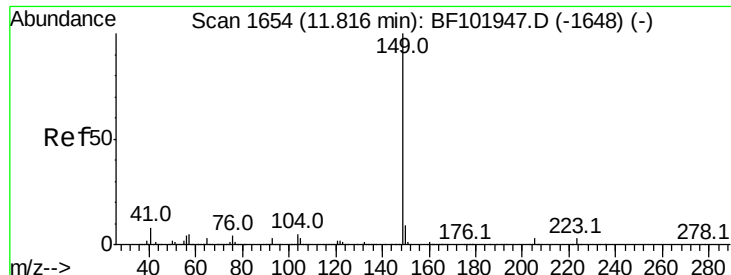
Tot Ion:178 Resp: 1134875
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 38.990 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Tgt Ion:167 Resp: 1107668
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.489 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

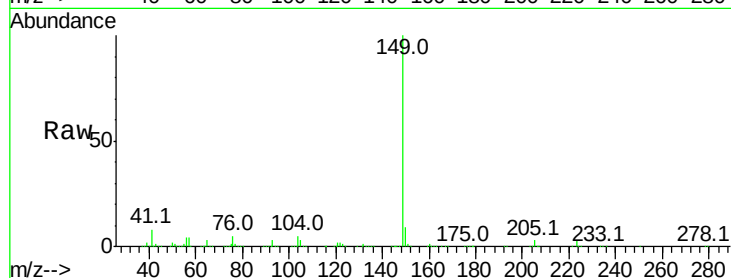
Tot Ion:149 Resp: 1341501

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

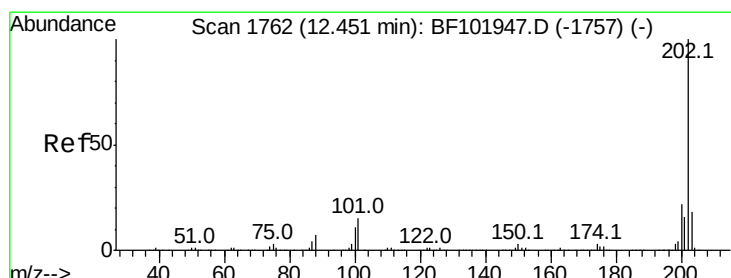
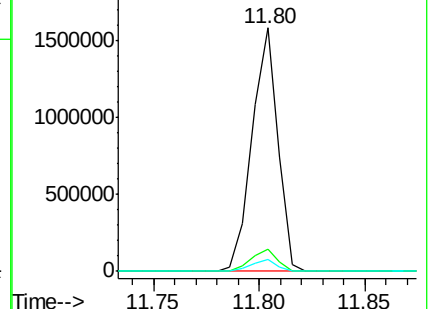
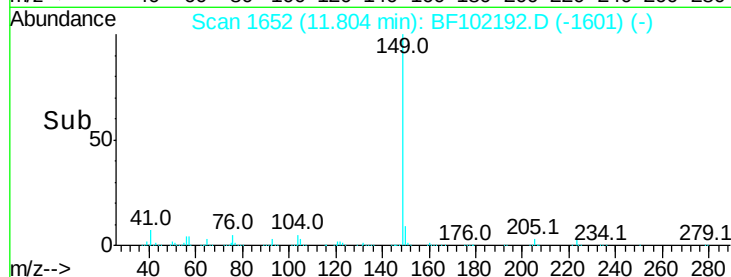
104 4.8 3.8 5.8



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: 39.985 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

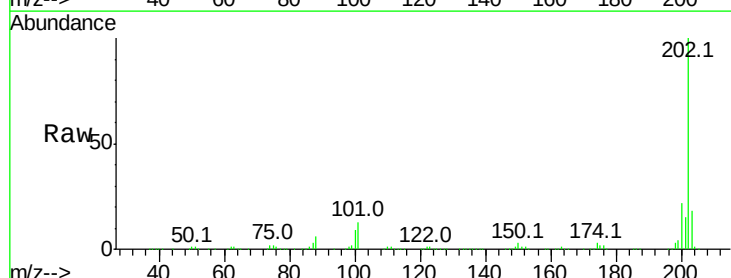
Tgt Ion:202 Resp: 1121156

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

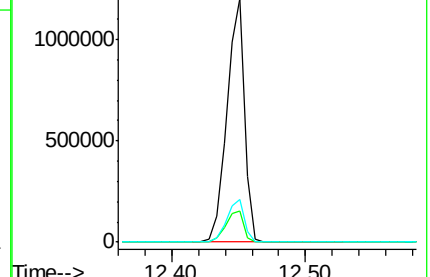
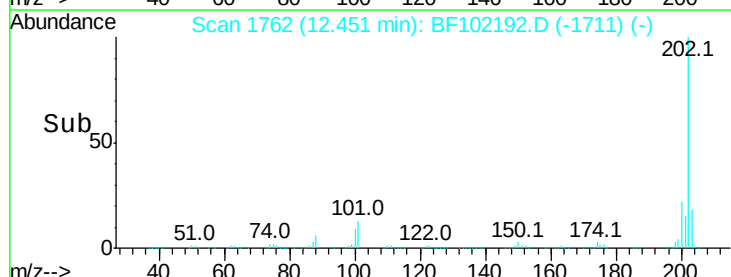
203 17.5 0.0 38.1

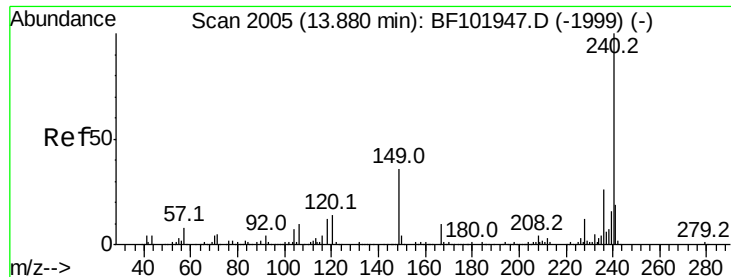


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

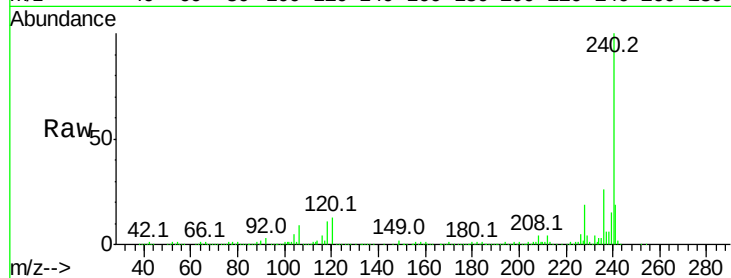
Tot Ion:240 Resp: 367536

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

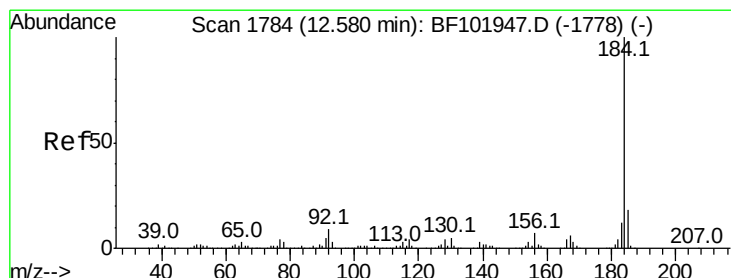
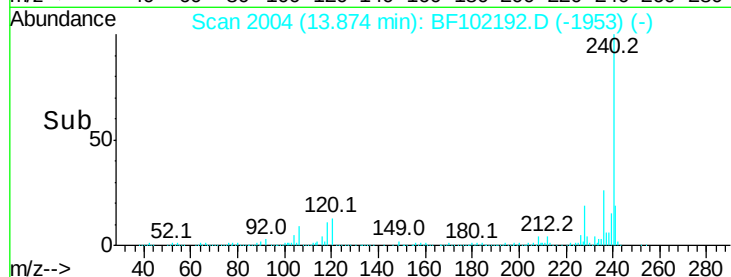
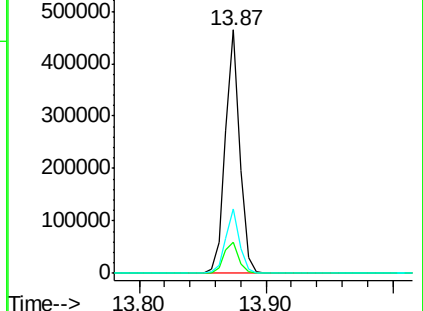
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.710 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

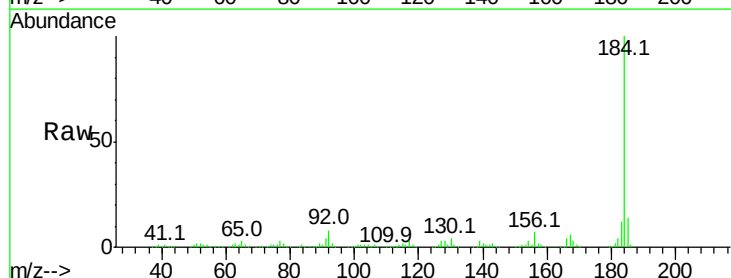
Tgt Ion:184 Resp: 509543

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

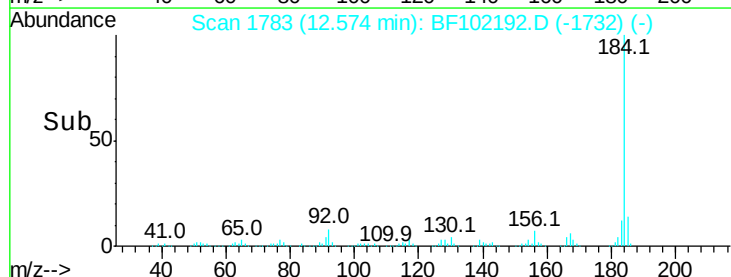
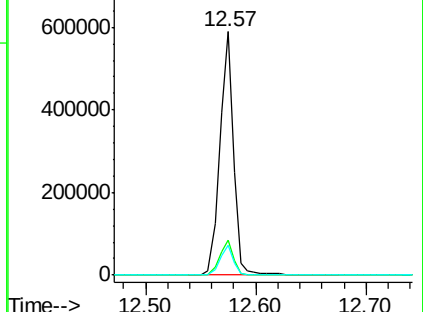
183 12.4 9.3 13.9

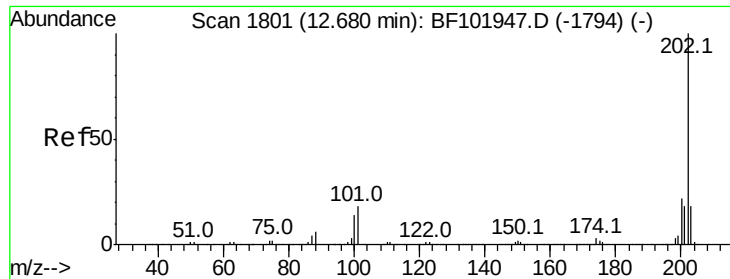


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



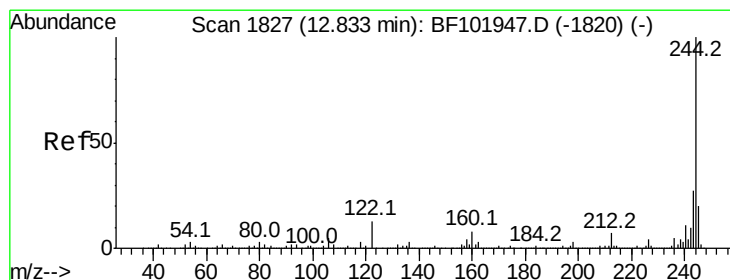
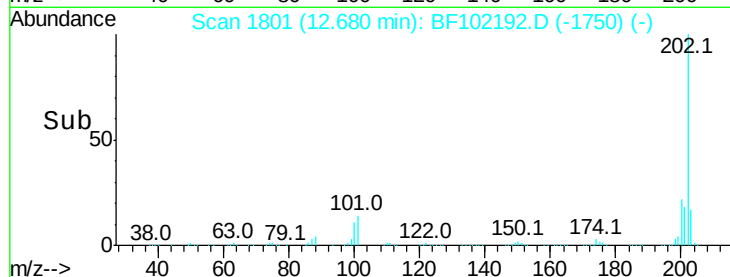
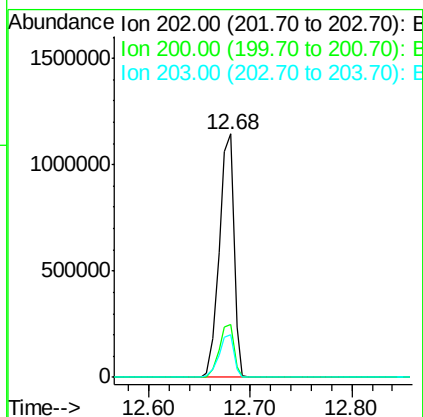
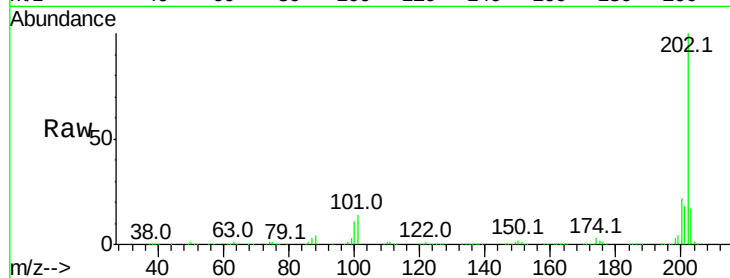


#77
 Pvrene
 Concen: 35.392 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1149807

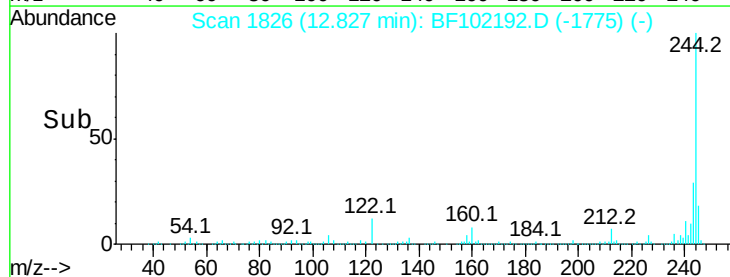
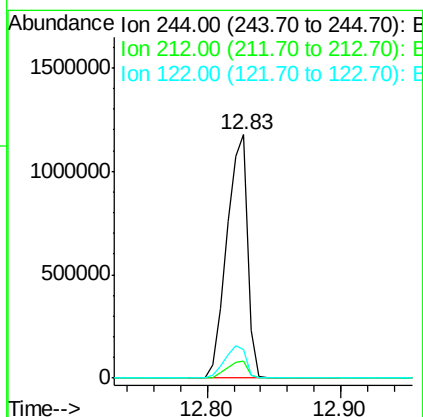
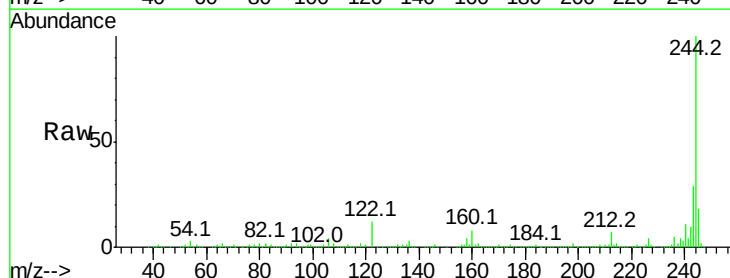
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.4	14.3	21.5

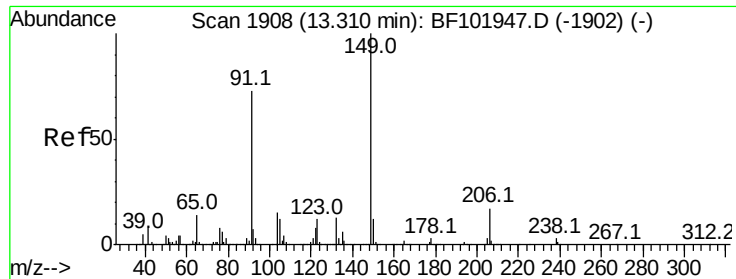


#78
 Terphenyl-d14
 Concen: 73.003 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Tgt Ion:244 Resp: 1292286

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.7	11.0	16.4

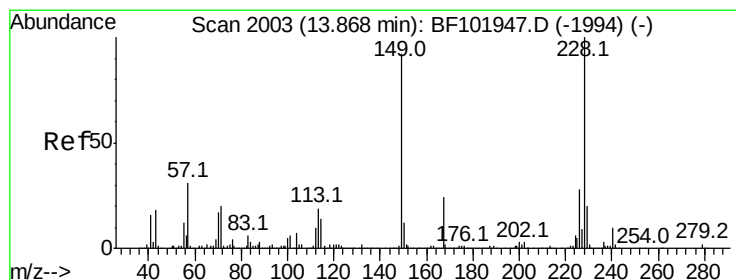
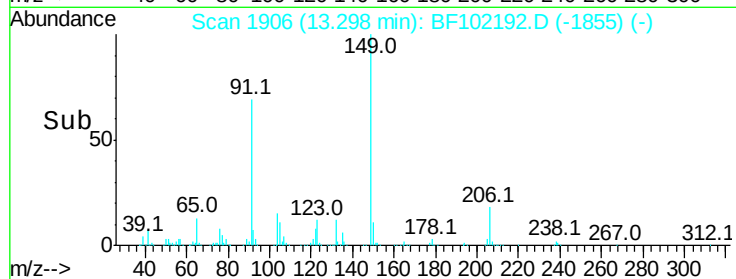
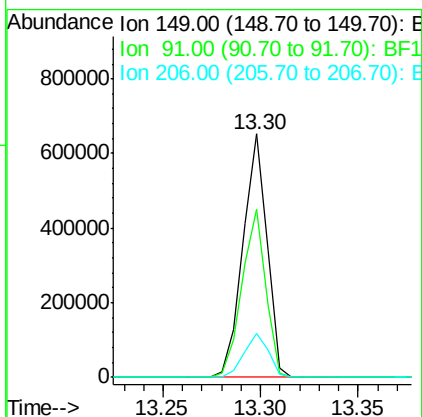
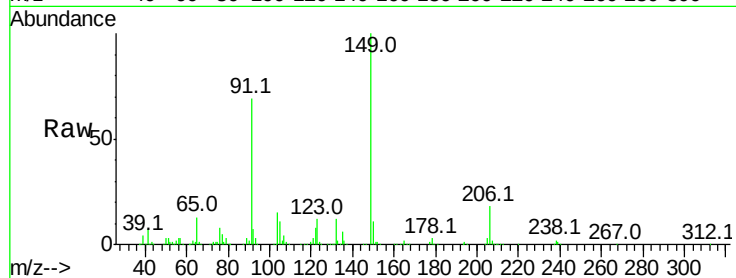




#79
Butylbenzylphthalate
Concen: 37.373 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

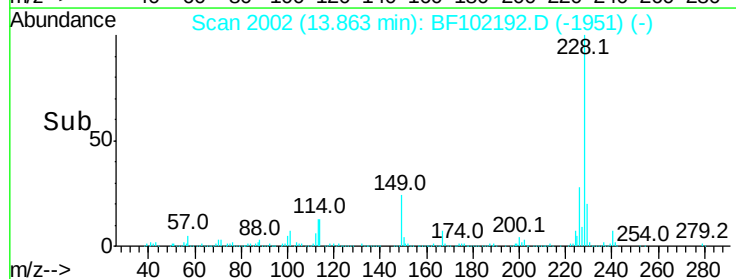
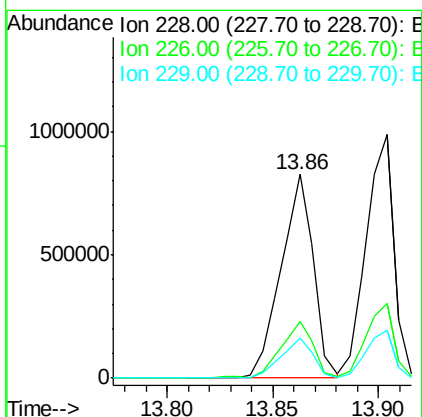
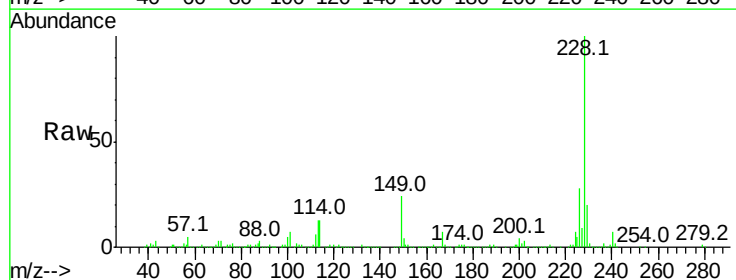
Instrument :
BNA_F
ClientSampled :

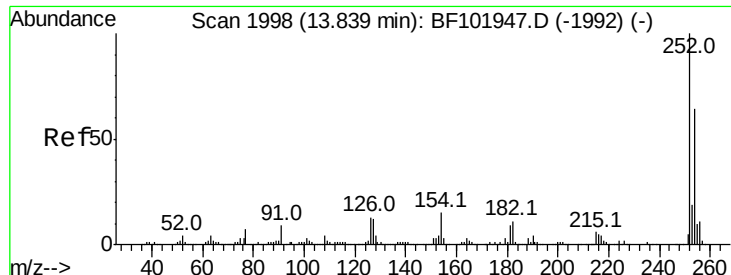
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.1	56.8	85.2
206	18.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.582 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.0	15.8	23.6

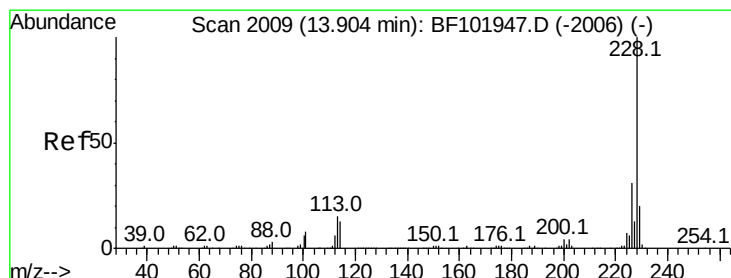
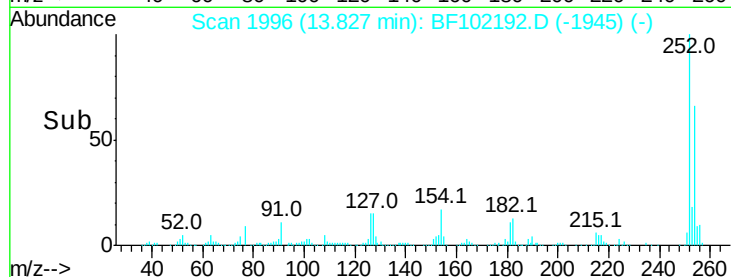
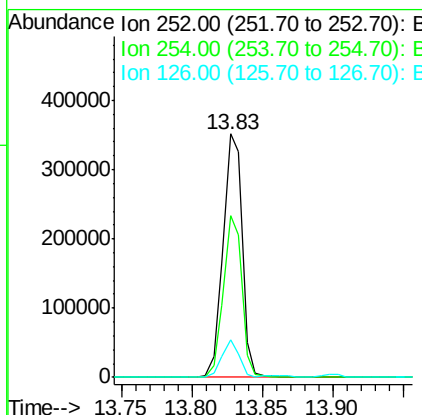
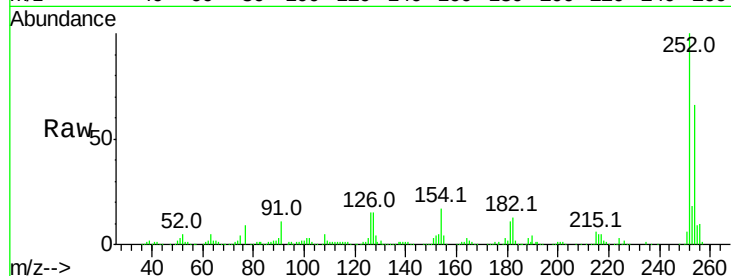




#81
 3,3'-Dichlorobenzidine
 Concen: 38.267 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

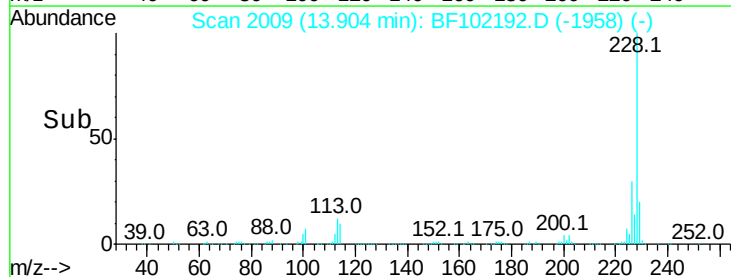
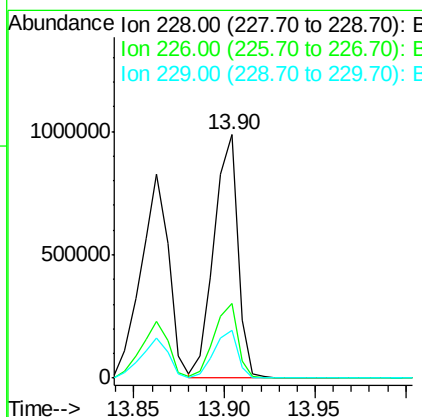
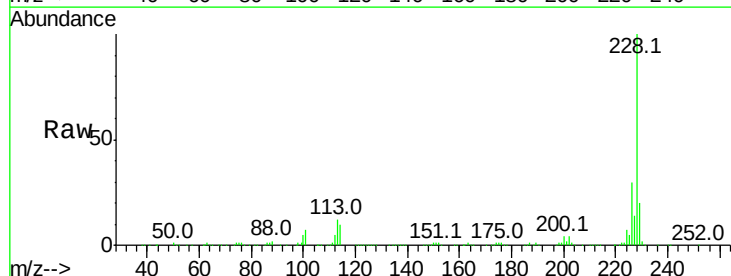
Instrument :
 BNA_F
 ClientSampleId :

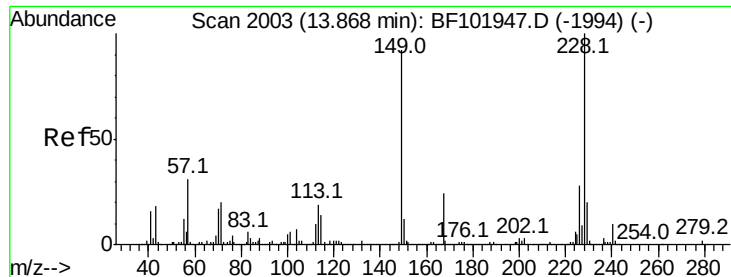
Tot Ion:252 Resp: 332261
 Ion Ratio Lower Upper
 252 100
 254 66.2 50.4 75.6
 126 15.4 11.3 16.9



#82
 Chrysene
 Concen: 37.158 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Tgt Ion:228 Resp: 908588
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.6
 229 19.7 16.2 24.4

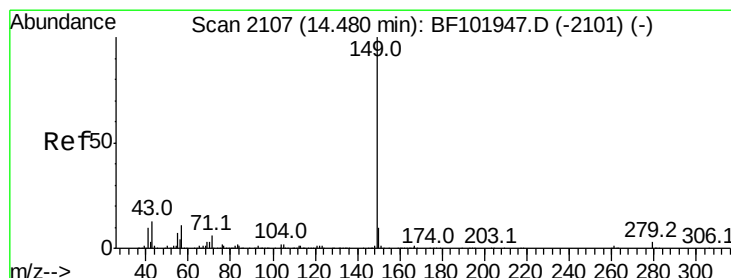
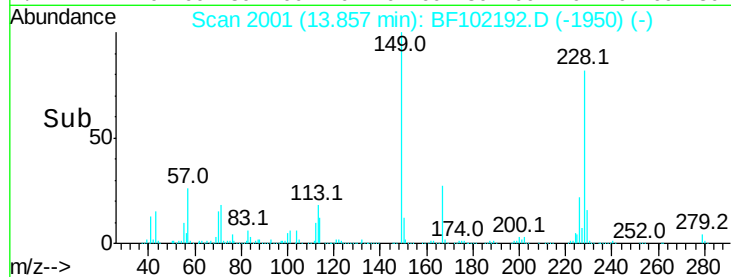
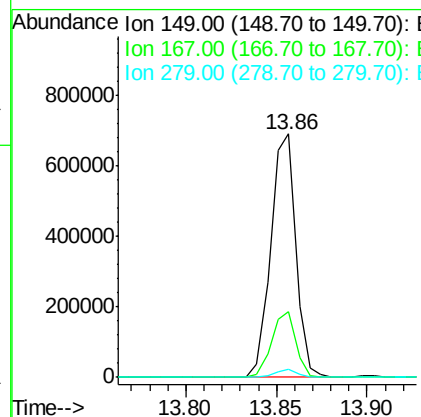
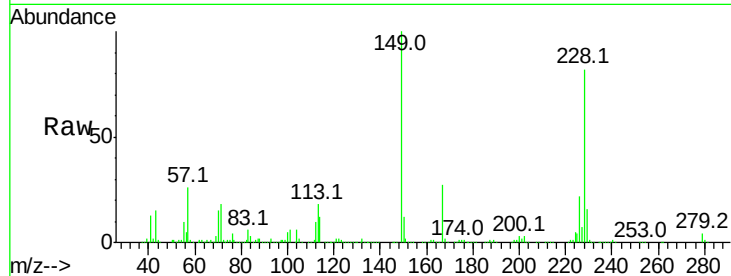




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.821 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

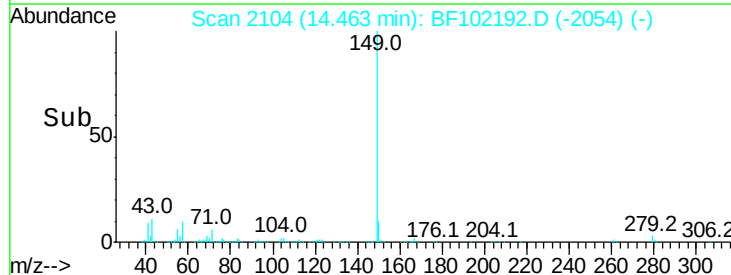
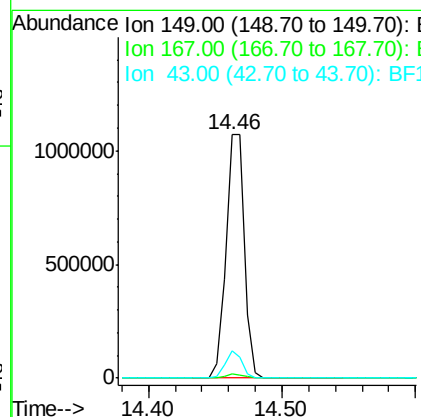
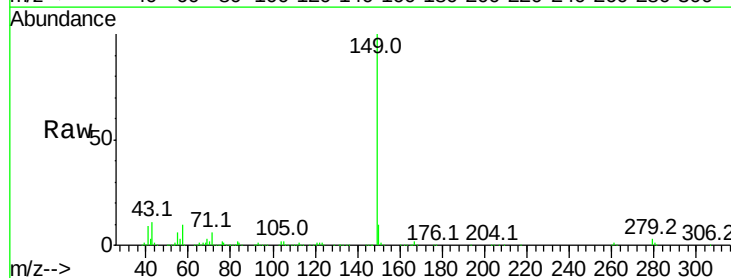
Instrument :
 BNA_F
 ClientSampleId :

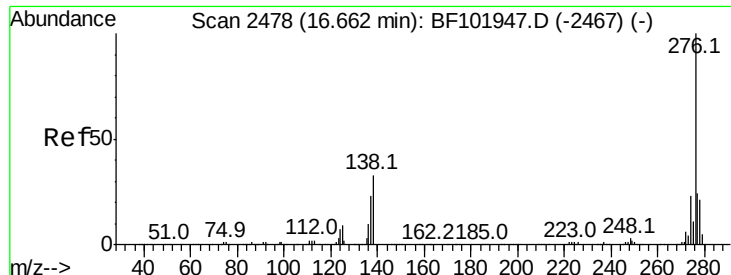
Tot Ion:149 Resp: 663979
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 3.5 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 36.774 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Tgt Ion:149 Resp: 1043706
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.4 8.4 12.6

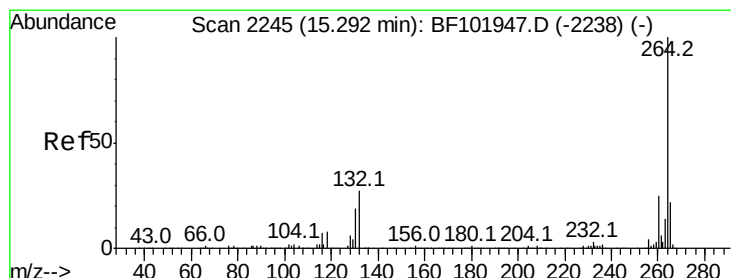
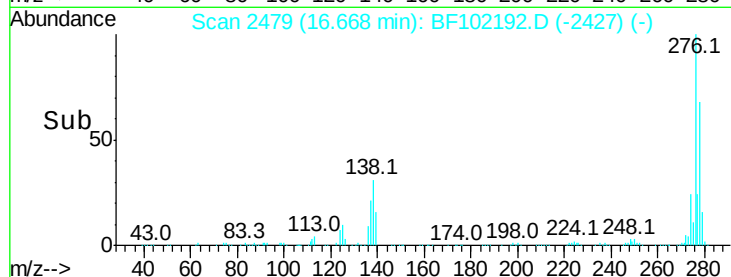
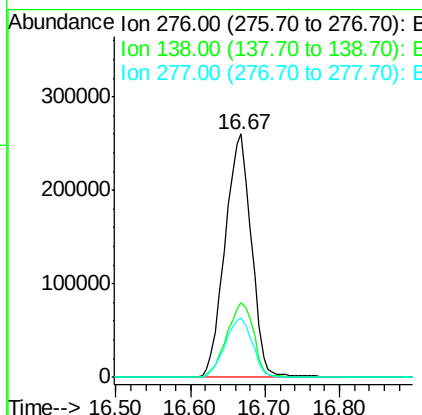
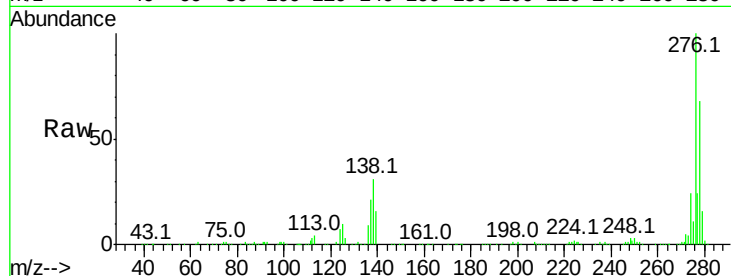




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.998 ng
RT: 16.67 min Scan# 2479
Delta R.T. 0.01 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

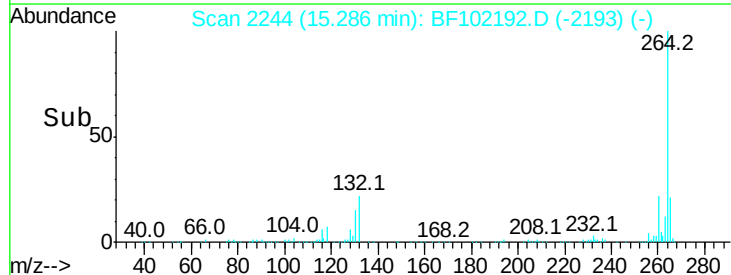
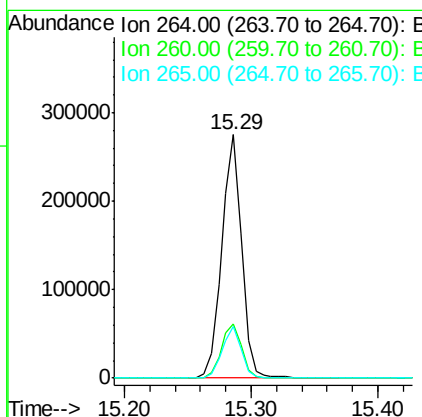
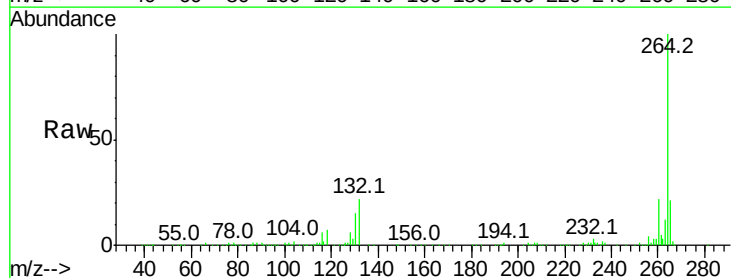
Instrument :
BNA_F
ClientSampleId :

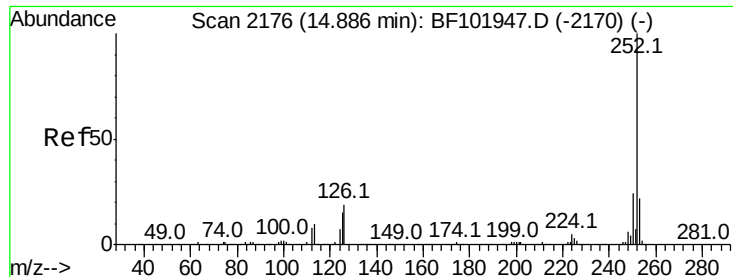
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.4	25.0	37.6
277	25.4	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF102192.D
Acq: 18 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 41.180 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.00 min

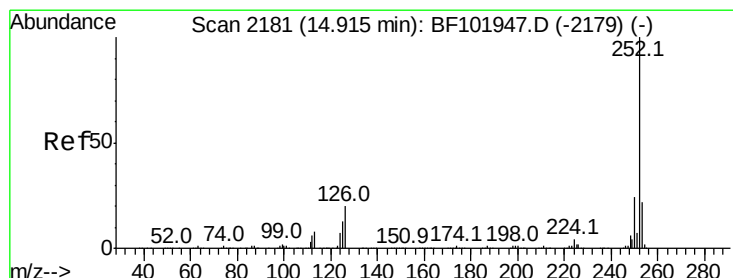
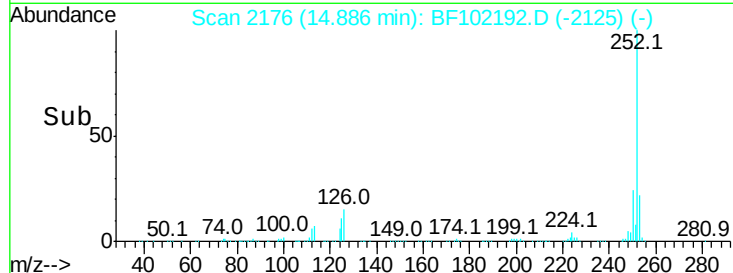
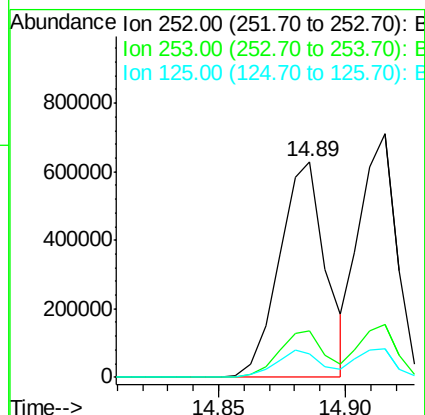
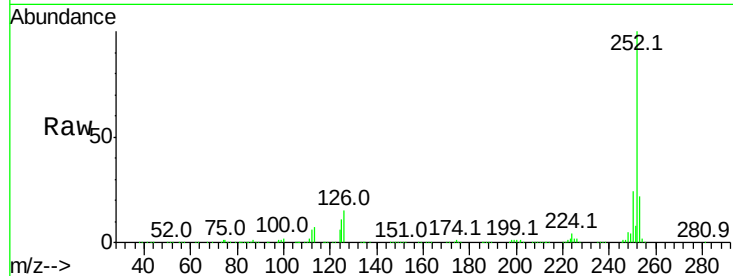
Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 802206

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	11.0	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 39.160 ng

RT: 14.92 min Scan# 2181

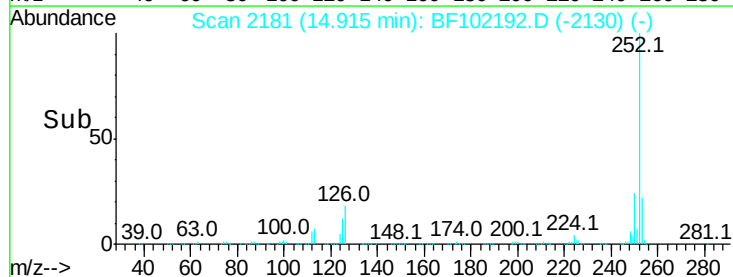
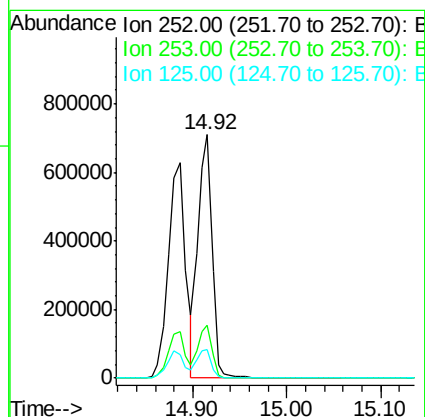
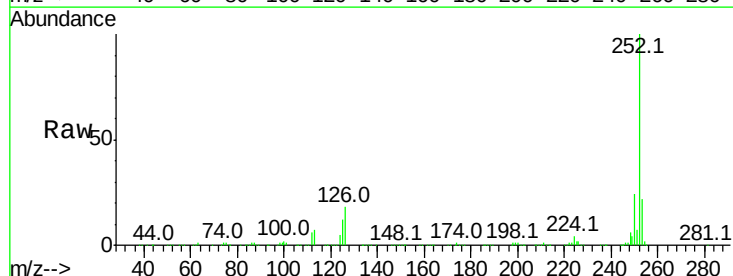
Delta R.T. -0.00 min

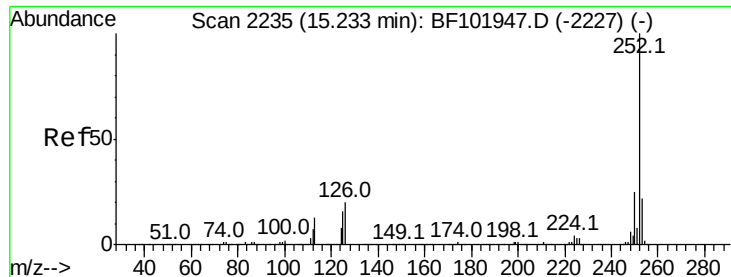
Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Tgt Ion:252 Resp: 735907

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	11.5	10.2	15.2





#89

Benzo(a)pyrene

Concen: 39.775 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

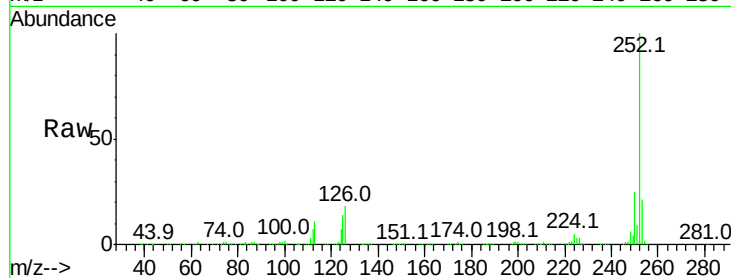
Tot Ion:252 Resp: 697247

Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

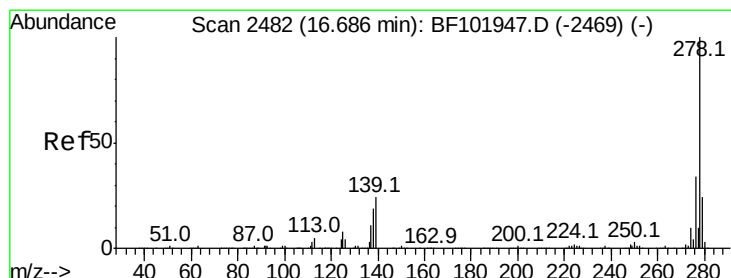
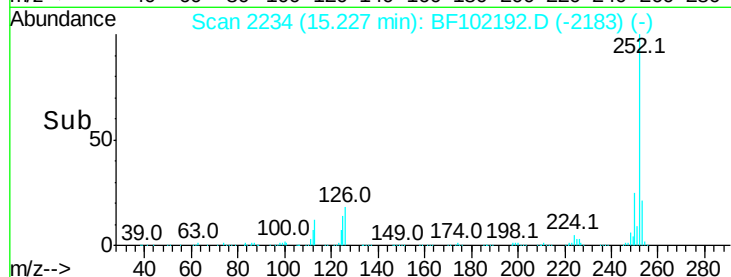
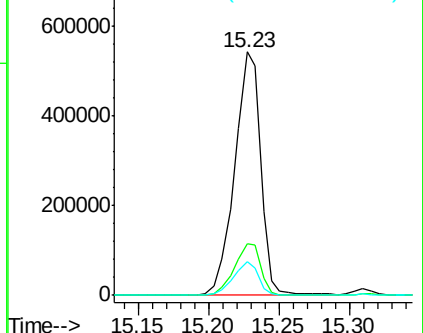
125 14.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.296 ng

RT: 16.68 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BF102192.D

Acq: 18 Jan 2018 15:06

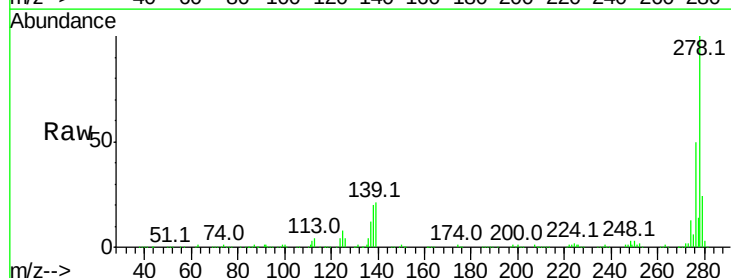
Tgt Ion:278 Resp: 521732

Ion Ratio Lower Upper

278 100

139 21.1 15.9 23.9

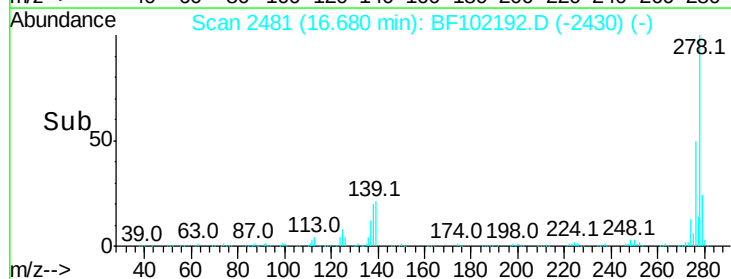
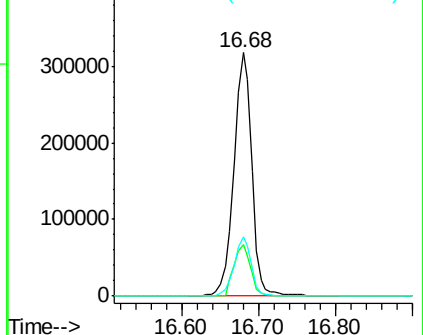
279 24.2 19.0 28.4

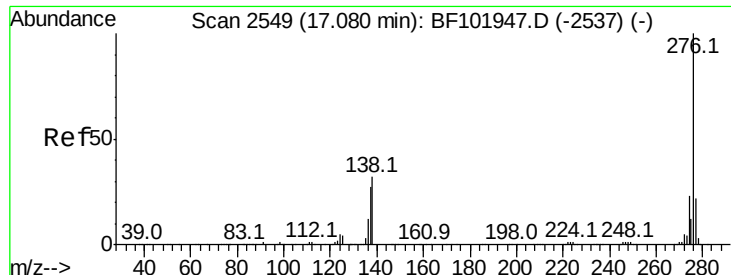


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

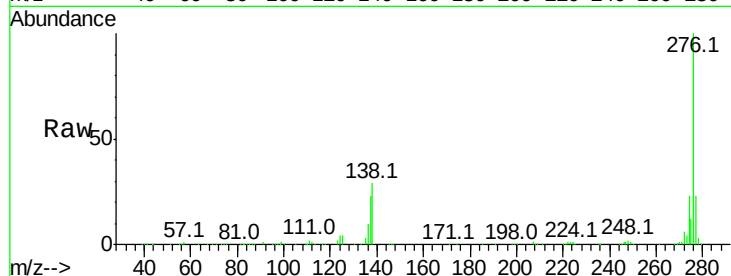




#91
 Benzo(a,h,i)perylene
 Concen: 36.888 ng
 RT: 17.08 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BF102192.D
 Acq: 18 Jan 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	519813
Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	28.9	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

