

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102140.D
 Acq On : 17 Jan 2018 5:49
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 17 06:39:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128290	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	520014	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	221196	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	333529	20.00	ng	0.00
75) Chrysene-d12	13.87	240	225466	20.00	ng	-0.01
86) Perylene-d12	15.28	264	237763	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	674236	74.21	ng	0.00
7) Phenol-d6	6.36	99	788801	72.77	ng	0.00
23) Nitrobenzene-d5	7.29	82	718298	81.17	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	159768	82.77	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1288057	90.97	ng	-0.01
78) Terphenyl-d14	12.82	244	778985	71.73	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.36	88	153551	33.867	ng	95
3) Pyridine	3.06	79	420674	33.975	ng	96
4) n-Nitrosodimethylamine	3.03	42	171648	33.105	ng	96
6) Aniline	6.39	93	530423	34.723	ng	100
8) 2-Chlorophenol	6.50	128	348527	38.250	ng	98
9) Benzaldehyde	6.27	77	240364	31.936	ng	96
10) Phenol	6.37	94	429267	35.042	ng	89
11) bis(2-Chloroethyl)ether	6.46	93	330710	35.469	ng	99
12) 1,3-Dichlorobenzene	6.66	146	412856	39.306	ng	98
13) 1,4-Dichlorobenzene	6.74	146	416966	39.782	ng	99
14) 1,2-Dichlorobenzene	6.89	146	387191	39.912	ng	99
15) Benzyl Alcohol	6.86	79	295709	37.295	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	550108	32.006	ng	99
17) 2-Methylphenol	6.98	107	302459	36.797	ng	99
18) Hexachloroethane	7.23	117	134758	36.511	ng	94
19) n-Nitroso-di-n-propylamine	7.14	70	246314	34.675	ng	95
20) 3+4-Methylphenols	7.13	107	364969	36.980	ng	# 68
22) Acetophenone	7.13	105	485137	38.720	ng	# 87
24) Nitrobenzene	7.31	77	369649	38.874	ng	97
25) Isophorone	7.55	82	623581	35.663	ng	99
26) 2-Nitrophenol	7.62	139	186906	46.962	ng	97
27) 2,4-Dimethylphenol	7.66	122	278867	37.518	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	378972	35.896	ng	99
29) 2,4-Dichlorophenol	7.86	162	282918	40.086	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	304761	41.282	ng	99
31) Naphthalene	8.03	128	1002188	38.569	ng	100
32) Benzoic acid	7.78	122	151750	26.924	ng	98
33) 4-Chloroaniline	8.08	127	419485	37.824	ng	97
34) Hexachlorobutadiene	8.14	225	168615	43.150	ng	99
35) Caprolactam	8.46	113	84432	34.847	ng	94
36) 4-Chloro-3-methylphenol	8.56	107	291249	37.699	ng	99
37) 2-Methylnaphthalene	8.72	142	664481	38.845	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	273443	43.696	ng	98
40) Hexachlorocyclopentadiene	8.86	237	62698	18.320	ng	100

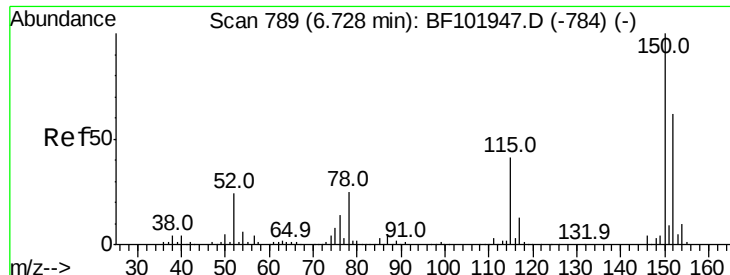
Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	181261	42.033	nq	98
43) 2,4,5-Trichlorophenol	9.03	196	201277	41.297	nq	99
45) 1,1'-Biphenyl	9.18	154	797099	40.769	nq	99
46) 2-Chloronaphthalene	9.20	162	609203	40.182	nq	99
47) 2-Nitroaniline	9.30	65	194482	42.823	nq	97
48) Acenaphthylene	9.62	152	930262	38.663	nq	99
49) Dimethylphthalate	9.49	163	725330	40.876	nq	99
50) 2,6-Dinitrotoluene	9.55	165	152639	43.064	nq	98
51) Acenaphthene	9.79	154	540915	37.039	nq	99
52) 3-Nitroaniline	9.72	138	176425	39.439	nq	91
53) 2,4-Dinitrophenol	9.82	184	19620	21.575	nq	# 23
54) Dibenzofuran	9.96	168	767818	38.309	nq	98
55) 4-Nitrophenol	9.87	139	113531	34.056	nq	95
56) 2,4-Dinitrotoluene	9.95	165	191687	43.147	nq	# 98
57) Fluorene	10.30	166	580763	41.916	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	131191	37.808	nq	99
59) Diethylphthalate	10.18	149	696178	39.441	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	256843	43.534	nq	98
61) 4-Nitroaniline	10.33	138	163148	38.430	nq	91
62) Azobenzene	10.46	77	604713	34.434	nq	97
64) 4,6-Dinitro-2-methylphenol	10.35	198	42044	26.135	nq	92
65) n-Nitrosodiphenylamine	10.42	169	533846	42.744	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	154835	43.960	nq	93
67) Hexachlorobenzene	10.85	284	162893	42.363	nq	98
68) Atrazine	10.95	200	154983	42.939	nq	99
69) Pentachlorophenol	11.04	266	87110	37.151	nq	98
70) Phenanthrene	11.26	178	746239	38.303	nq	99
71) Anthracene	11.31	178	756269	38.275	nq	99
72) Carbazole	11.47	167	704216	36.260	nq	99
73) Di-n-butylphthalate	11.80	149	973767	40.868	nq	99
74) Fluoranthene	12.45	202	645269	33.663	nq	98
76) Benzidine	12.57	184	282850	25.979	nq	99
77) Pyrene	12.67	202	646940	32.461	nq	99
79) Butylbenzylphthalate	13.30	149	318988	34.876	nq	93
80) Benzo(a)anthracene	13.86	228	529547	36.812	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	202899	38.093	nq	# 98
82) Chrysene	13.90	228	540151	36.010	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	406639	38.756	nq	99
84) Di-n-octyl phthalate	14.46	149	675042	38.771	nq	99
85) Indeno(1,2,3-cd)pyrene	16.66	276	527068	48.277	nq	99
87) Benzo(b)fluoranthene	14.88	252	563607	36.355	nq	99
88) Benzo(k)fluoranthene	14.91	252	552140	36.919	nq	97
89) Benzo(a)pyrene	15.23	252	531600	38.106	nq	99
90) Dibenzo(a,h)anthracene	16.67	278	444808	39.955	nq	99
91) Benzo(g,h,i)perylene	17.07	276	420980	37.539	nq	95

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

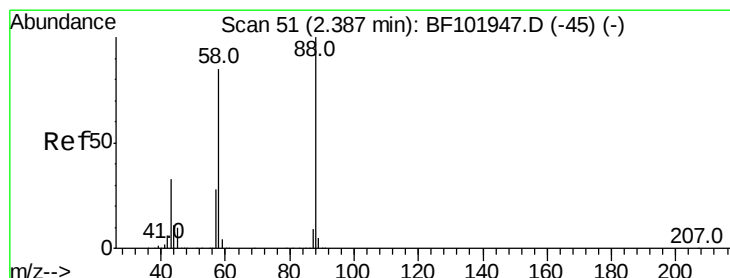
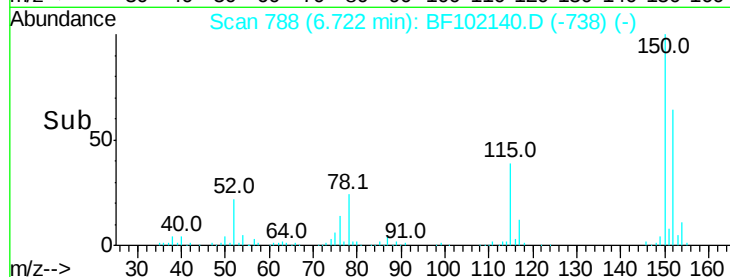
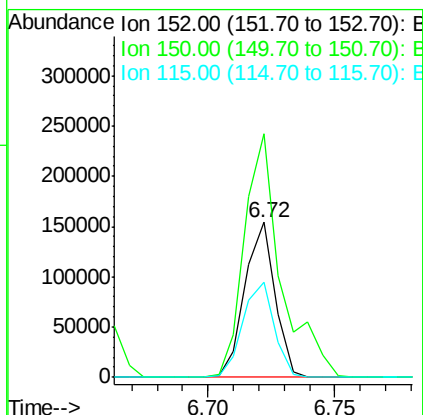
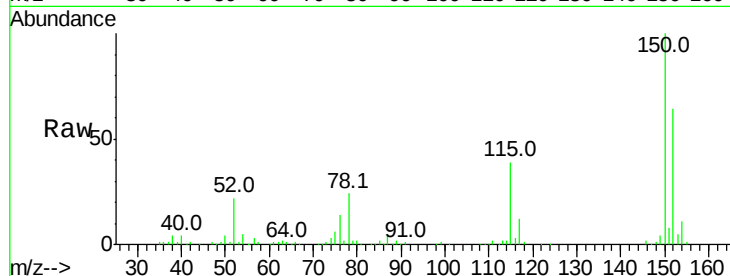


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

Instrument :
BNA_F
ClientSampleId :

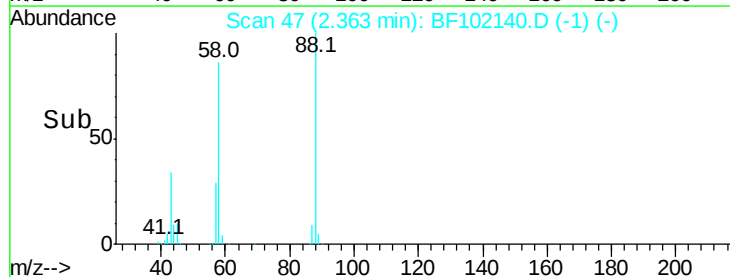
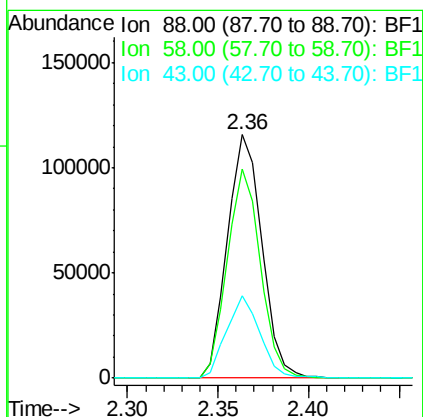
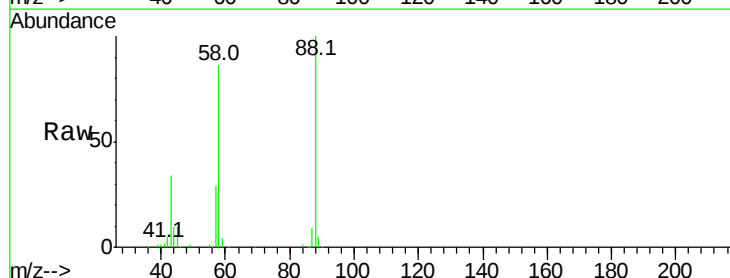
Tot Ion:152 Resp: 128290
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 61.5 50.1 75.1

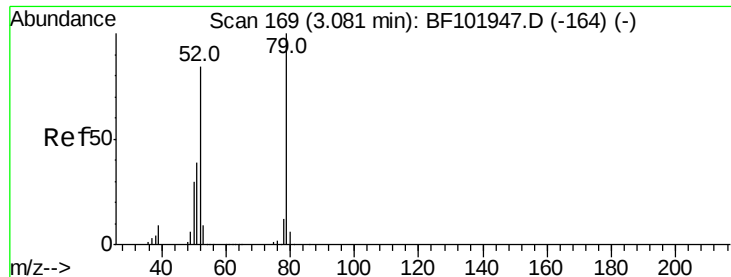


#2

1,4-Dioxane
Concen: 33.867 ng
RT: 2.36 min Scan# 47
Delta R.T. -0.03 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

Tgt Ion: 88 Resp: 153551
Ion Ratio Lower Upper
88 100
58 82.9 62.6 93.8
43 33.0 24.6 37.0





#3

Pvridine

Concen: 33.975 ng

RT: 3.06 min Scan# 166

Delta R.T. -0.03 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampleId :

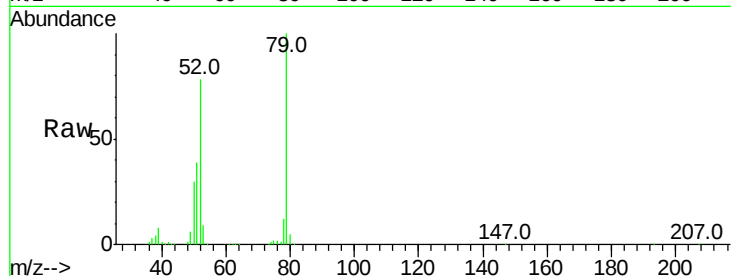
Tot Ion: 79 Resp: 420674

Ion Ratio Lower Upper

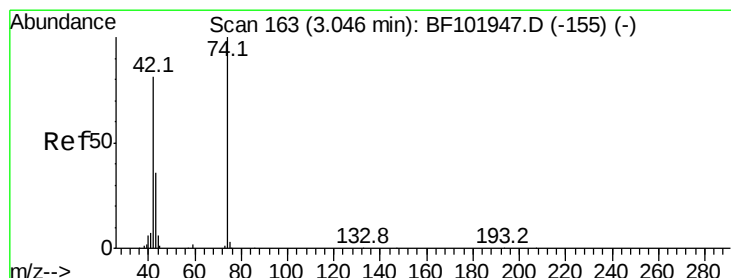
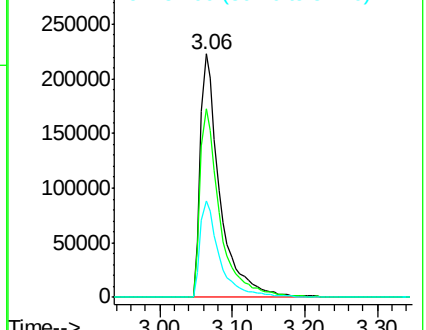
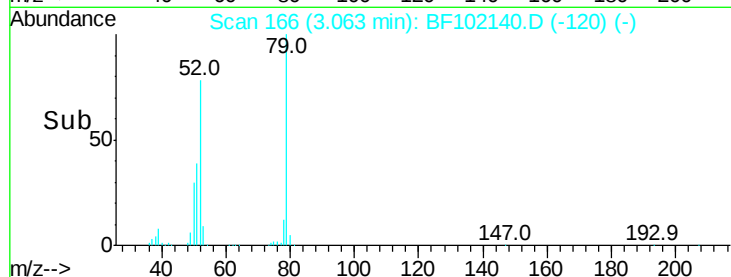
79 100

52 77.7 59.8 89.6

51 39.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.105 ng

RT: 3.03 min Scan# 160

Delta R.T. -0.02 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

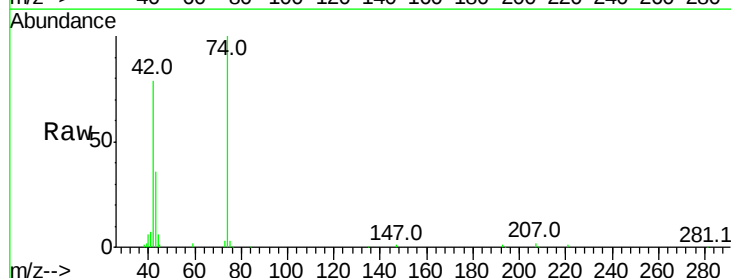
Tgt Ion: 42 Resp: 171648

Ion Ratio Lower Upper

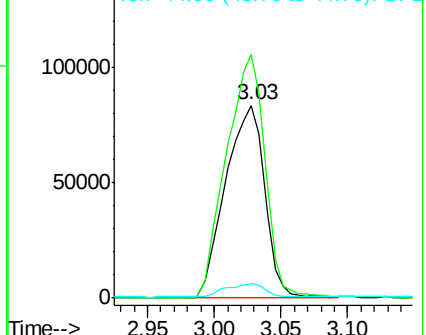
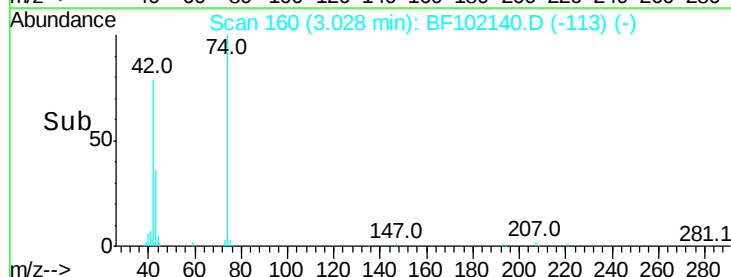
42 100

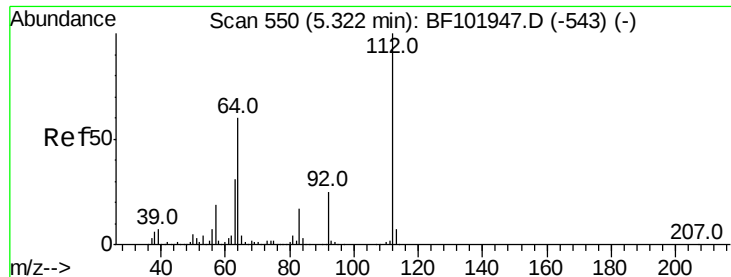
74 126.2 104.9 157.3

44 7.7 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 74.213 ng

RT: 5.32 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampleId :

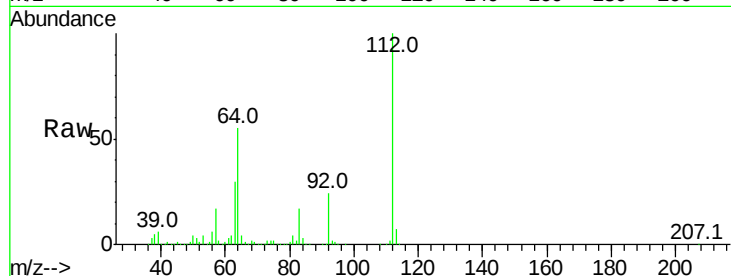
Tot Ion:112 Resp: 674236

Ion Ratio Lower Upper

112 100

64 55.2 47.9 71.9

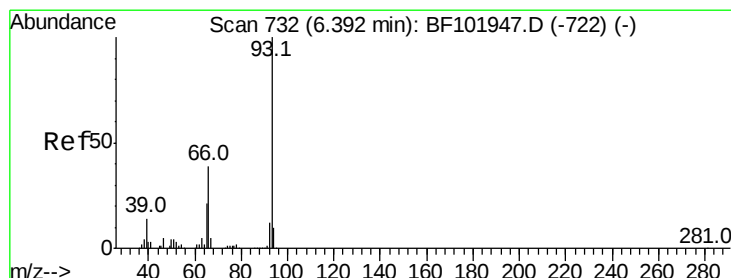
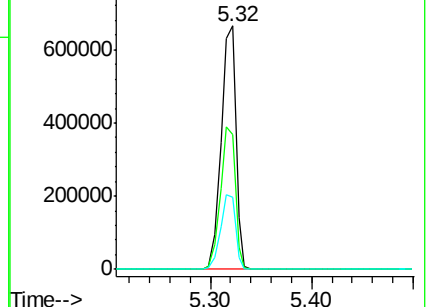
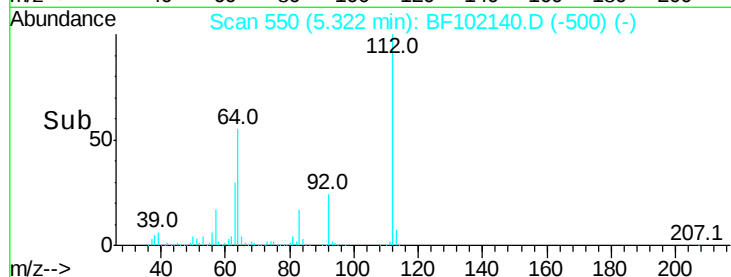
63 29.6 23.7 35.5



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: 34.723 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

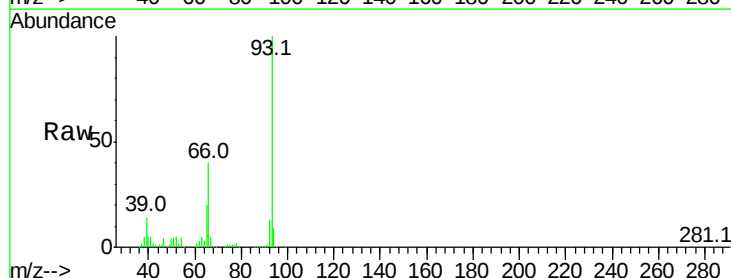
Tgt Ion: 93 Resp: 530423

Ion Ratio Lower Upper

93 100

66 39.9 32.2 48.2

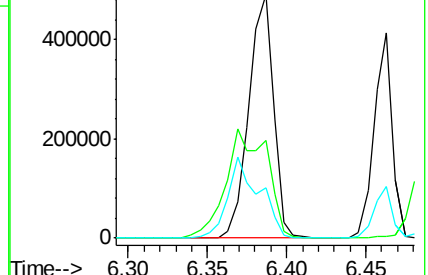
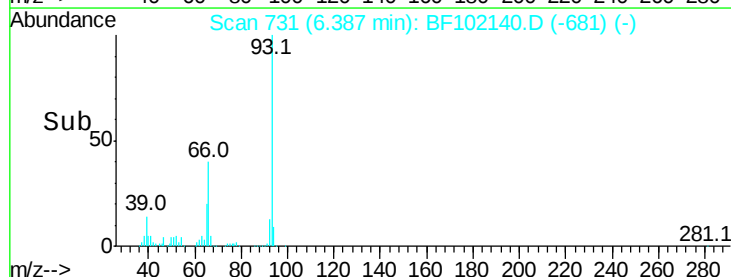
65 20.4 16.4 24.6

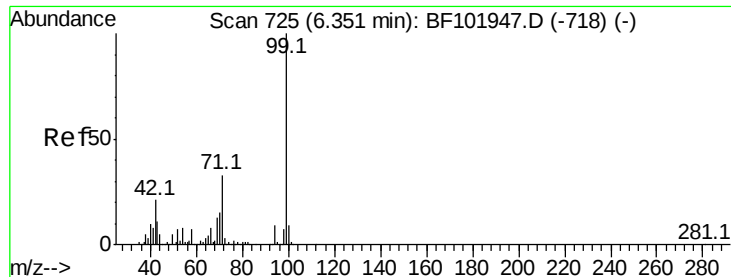


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.771 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampleId :

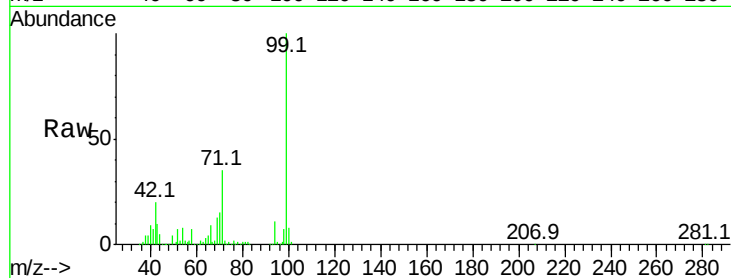
Tot Ion: 99 Resp: 788801

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

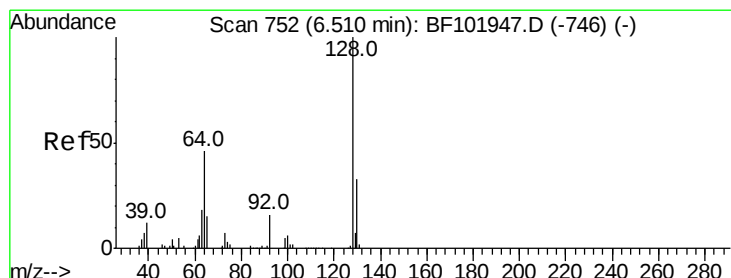
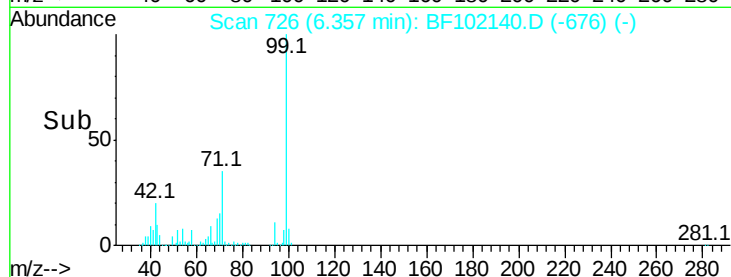
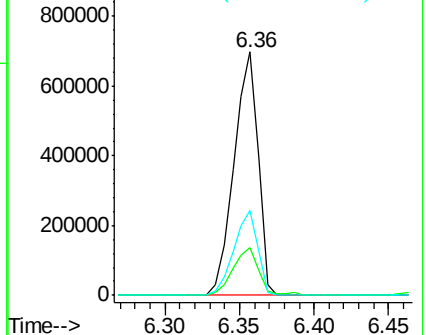
71 34.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.250 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

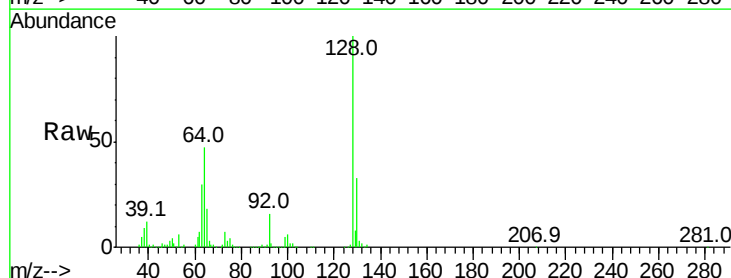
Tgt Ion: 128 Resp: 348527

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

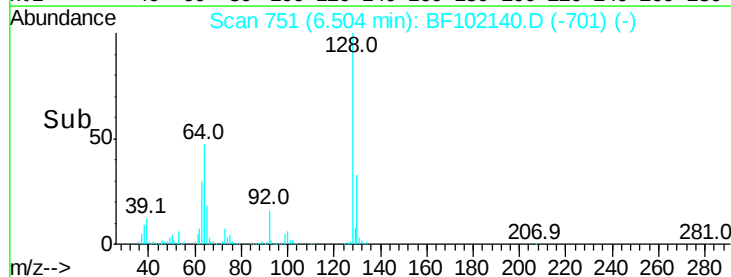
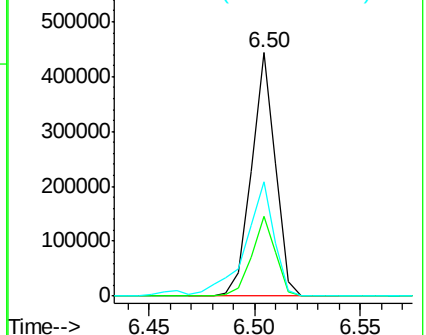
64 47.0 29.4 69.4

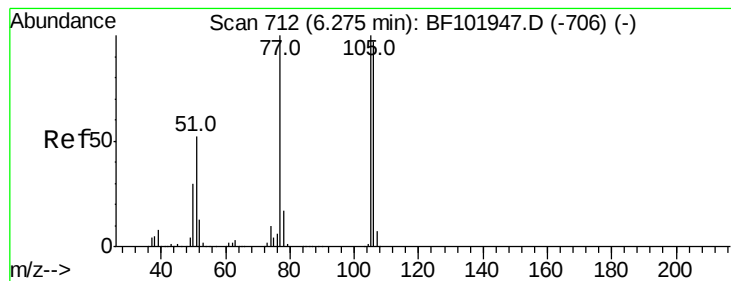


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.936 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampleId :

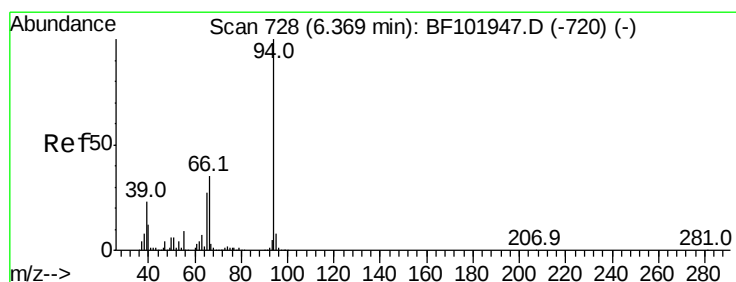
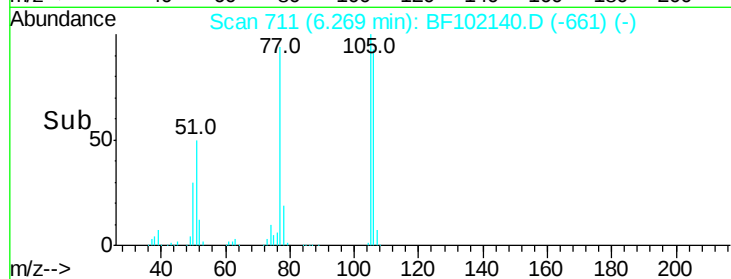
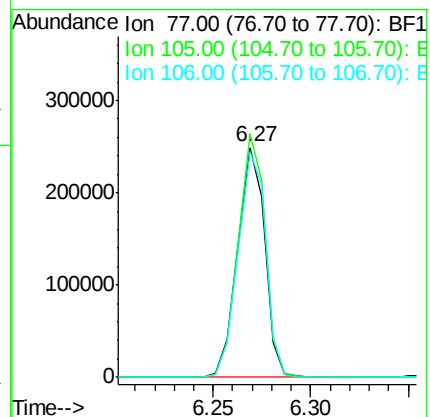
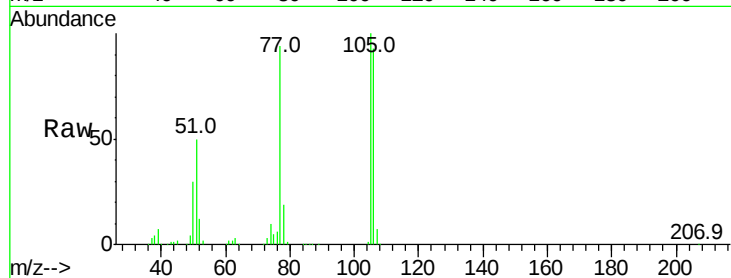
Tot Ion: 77 Resp: 240364

Ion Ratio Lower Upper

77 100

105 105.9 81.1 121.1

106 98.0 74.5 114.5



#10

Phenol

Concen: 35.042 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

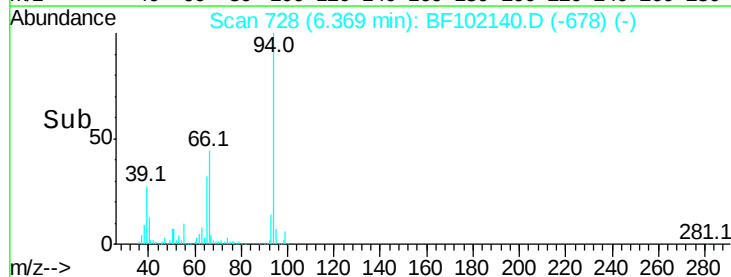
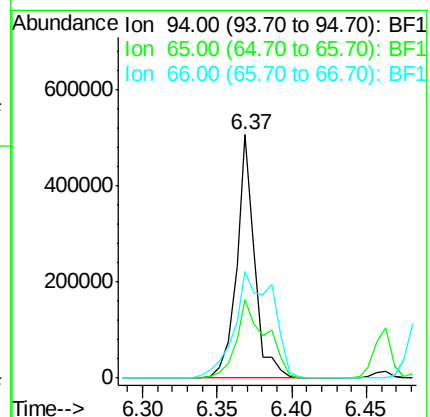
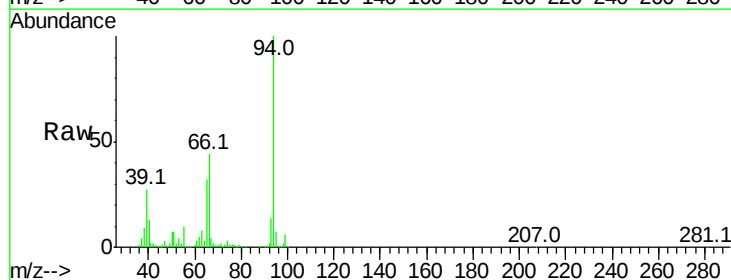
Tgt Ion: 94 Resp: 429267

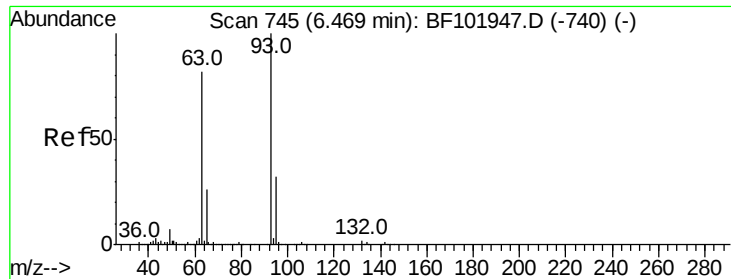
Ion Ratio Lower Upper

94 100

65 32.3 7.9 47.9

66 43.6 16.2 56.2

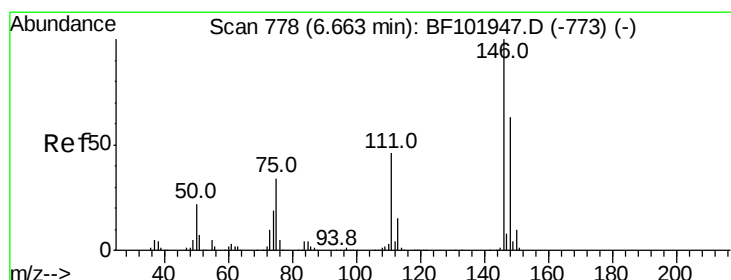
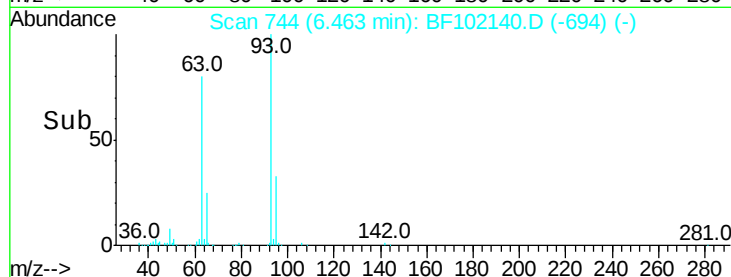
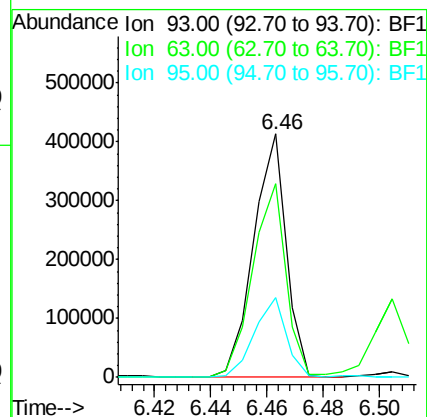
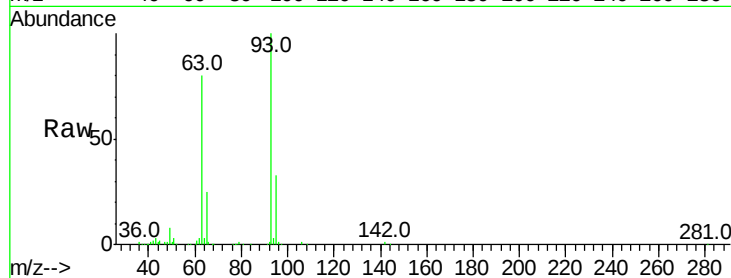




#11
bis(2-Chloroethyl)ether
Concen: 35.469 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

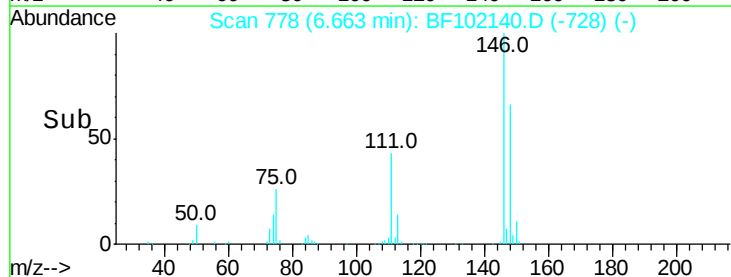
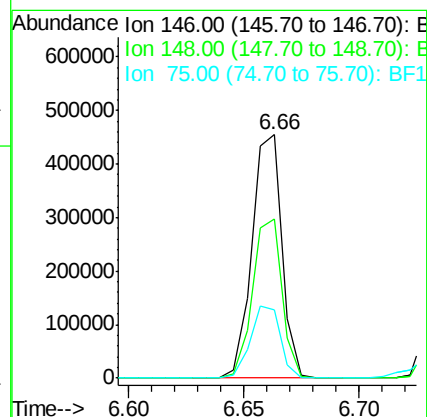
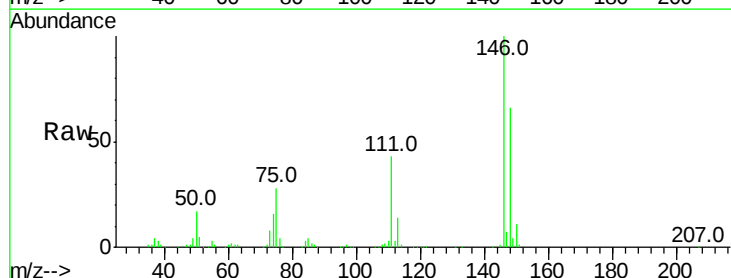
Instrument :
BNA_F
ClientSampleId :

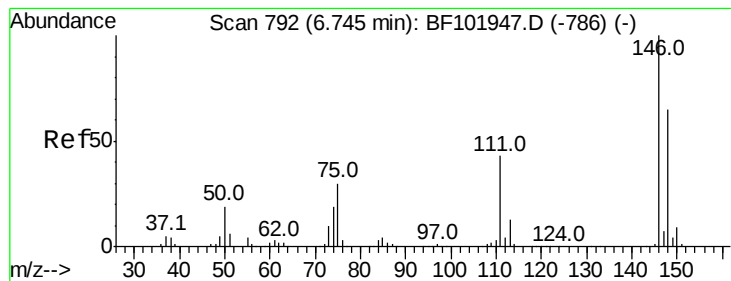
Tot Ion: 93 Resp: 330710
Ion Ratio Lower Upper
93 100
63 79.6 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.306 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

Tgt Ion: 146 Resp: 412856
Ion Ratio Lower Upper
146 100
148 65.6 51.8 77.8
75 27.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.782 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampleId :

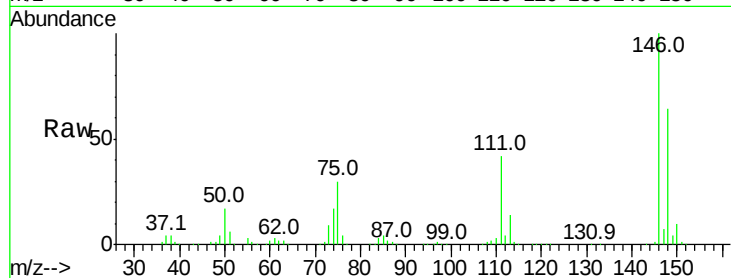
Tot Ion:146 Resp: 416966

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

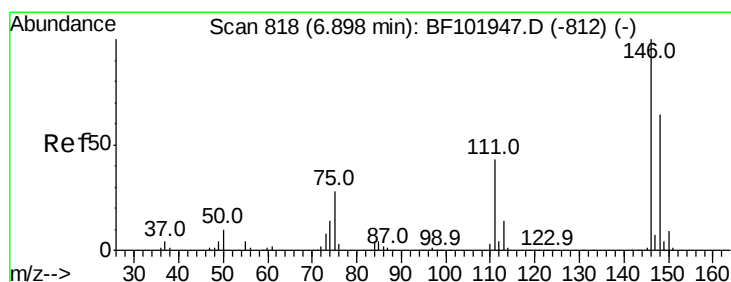
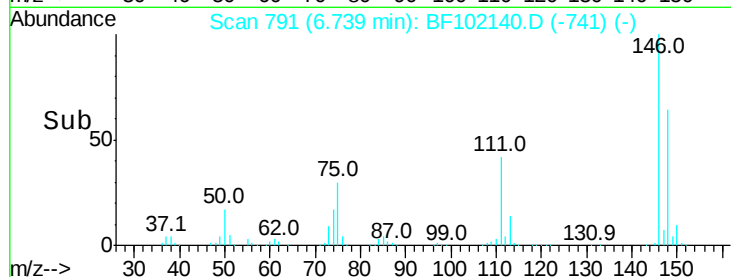
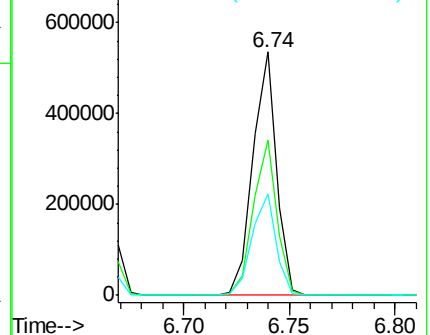
111 41.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.912 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

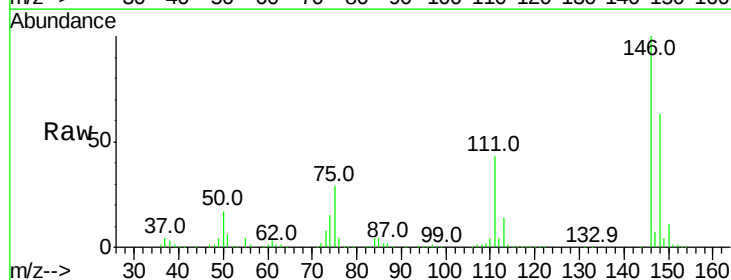
Tgt Ion:146 Resp: 387191

Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

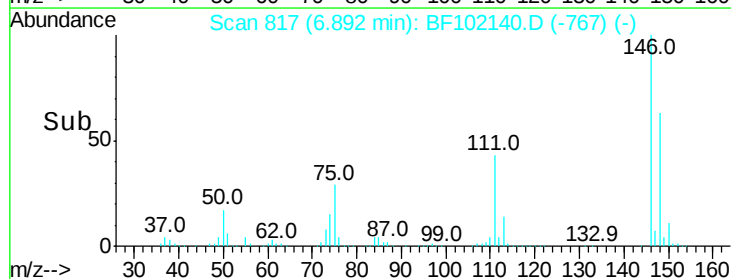
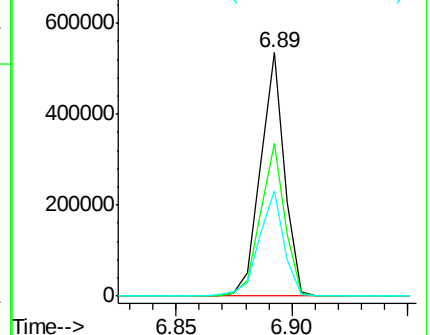
111 43.1 36.0 54.0

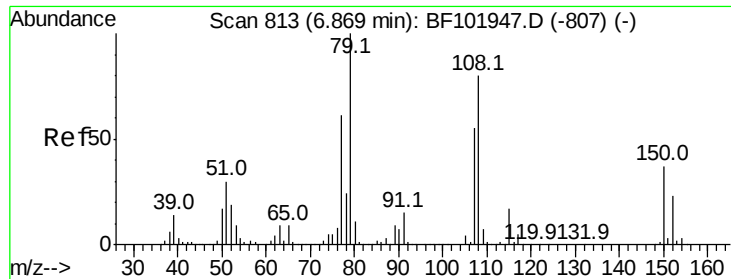


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

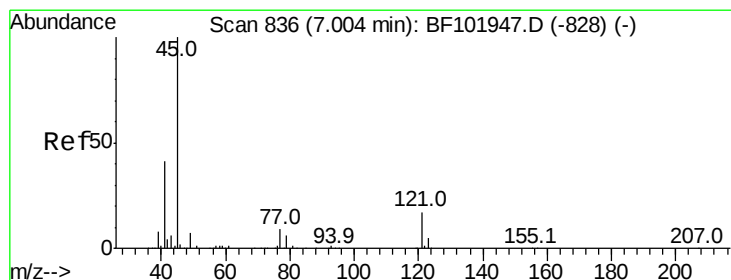
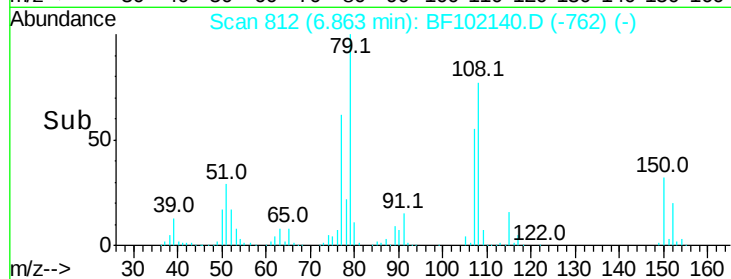
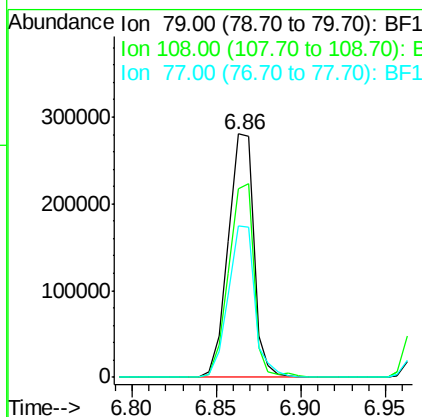
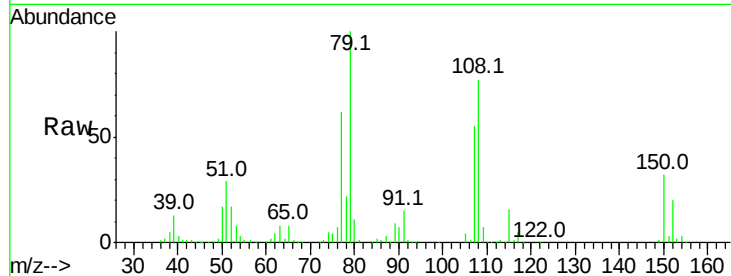




#15
Benzyl Alcohol
Concen: 37.295 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

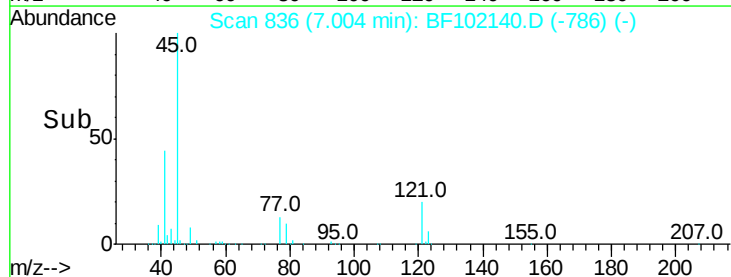
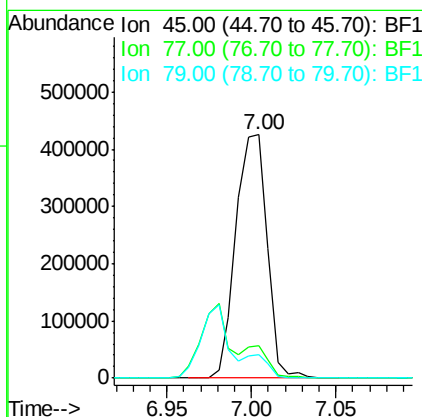
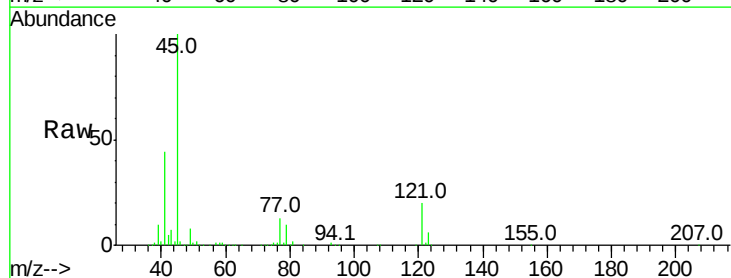
Instrument :
BNA_F
ClientSampleId :

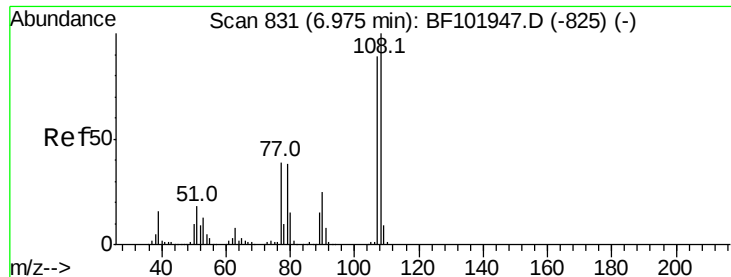
Tot Ion: 79 Resp: 295709
Ion Ratio Lower Upper
79 100
108 77.4 65.1 97.7
77 62.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.006 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

Tgt Ion: 45 Resp: 550108
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.9
79 9.8 0.0 29.6





#17

2-Methylphenol

Concen: 36.797 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 302459

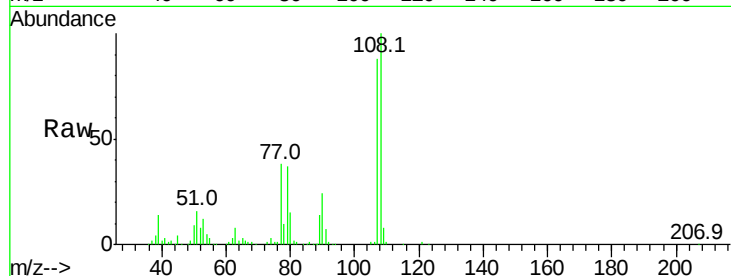
Ion Ratio Lower Upper

107 100

108 113.5 91.7 137.5

77 43.1 33.8 50.8

79 42.5 33.8 50.8

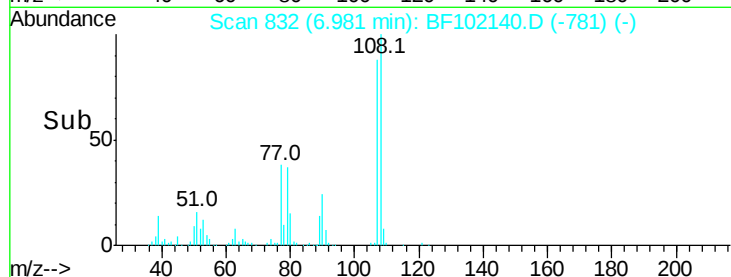


Abundance Ion 107.00 (106.70 to 107.70): E

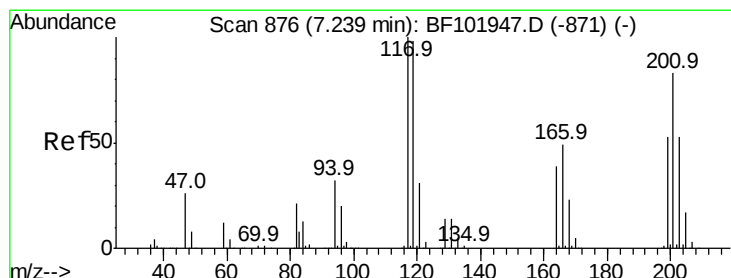
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 36.511 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

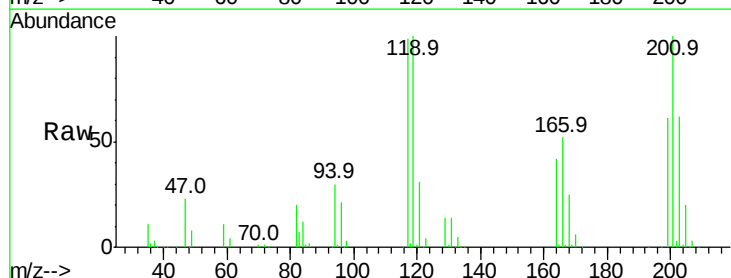
Tgt Ion:117 Resp: 134758

Ion Ratio Lower Upper

117 100

119 100.8 75.8 113.8

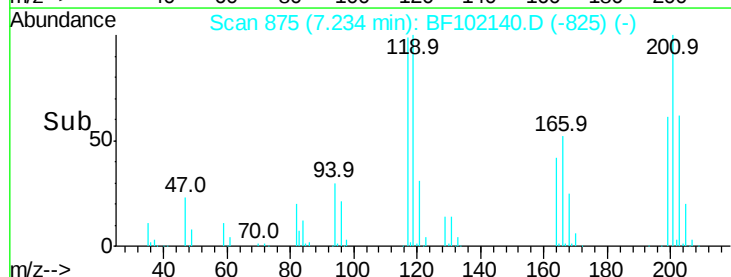
201 100.4 75.7 113.5



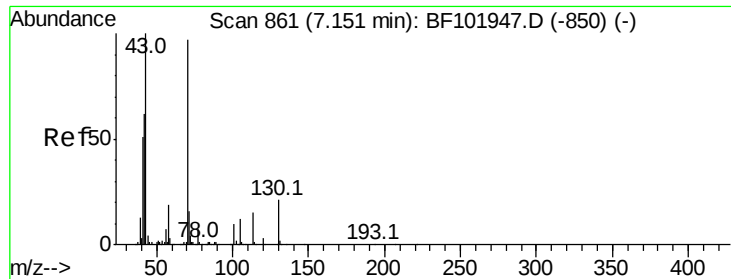
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



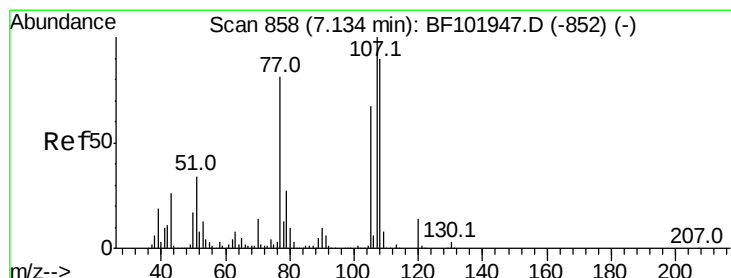
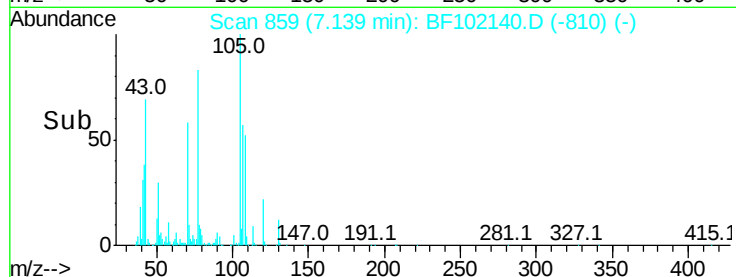
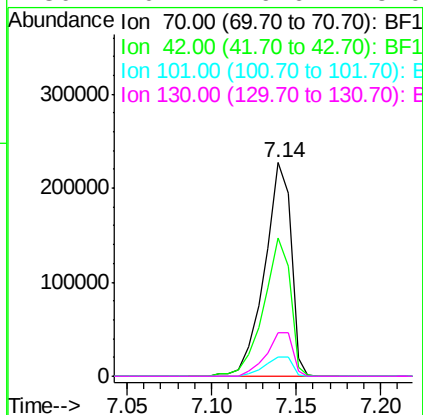
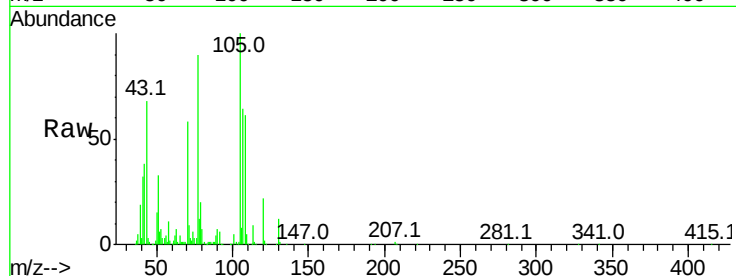
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 34.675 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

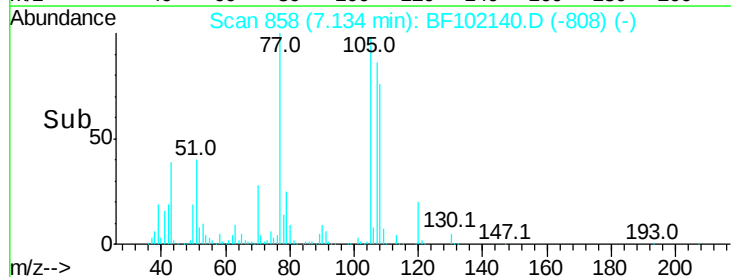
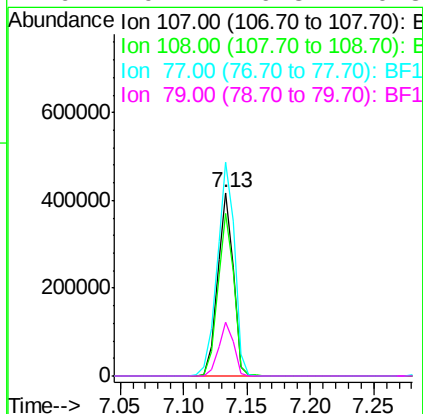
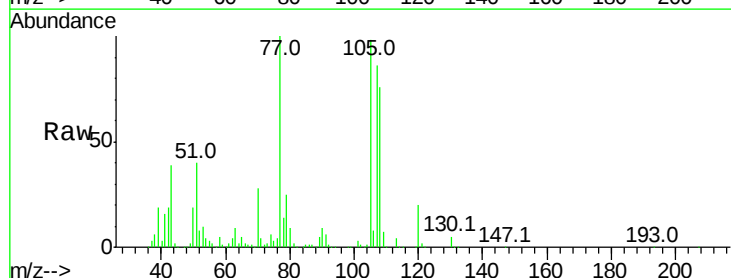
Instrument :
BNA_F
ClientSampleId :

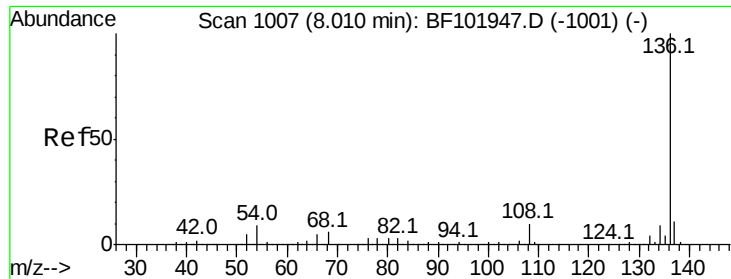
Tot Ion: 70 Resp: 246314
Ion Ratio Lower Upper
70 100
42 64.9 47.5 71.3
101 9.0 7.4 11.2
130 20.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.980 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

Tgt Ion: 107 Resp: 364969
Ion Ratio Lower Upper
107 100
108 88.7 68.2 108.2
77 116.4 26.7 66.7#
79 29.1 6.3 46.3

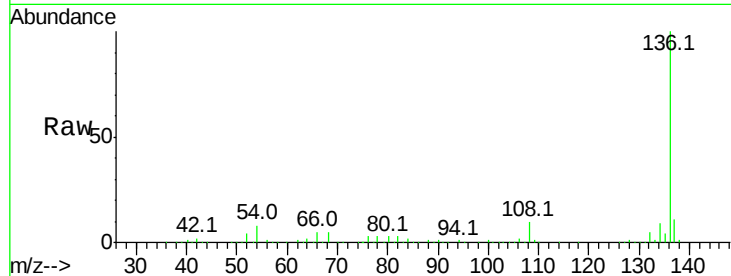




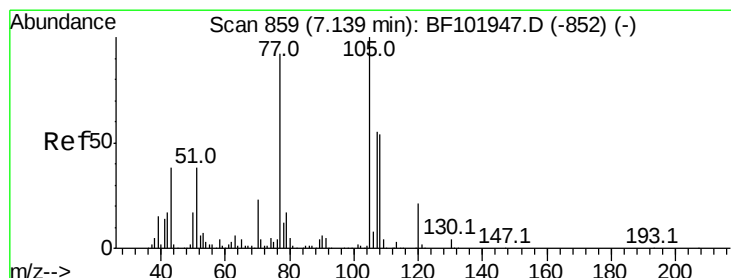
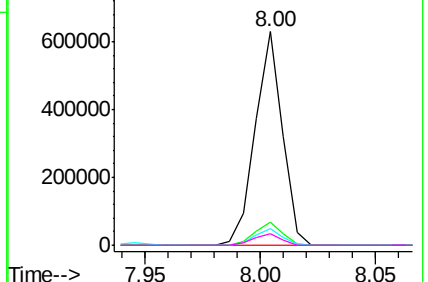
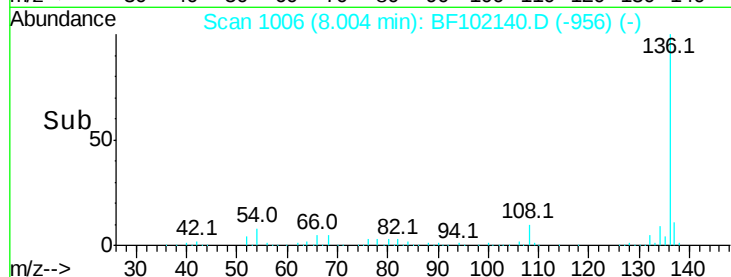
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	520014
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.1	6.6	9.8
68	5.2	5.0	7.4

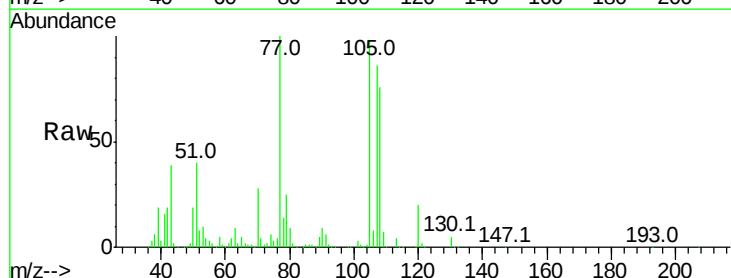


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

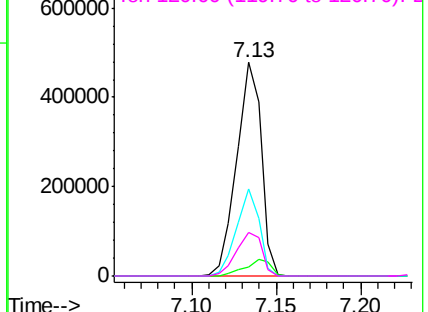
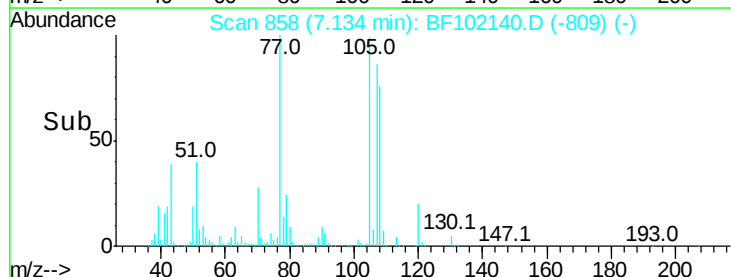


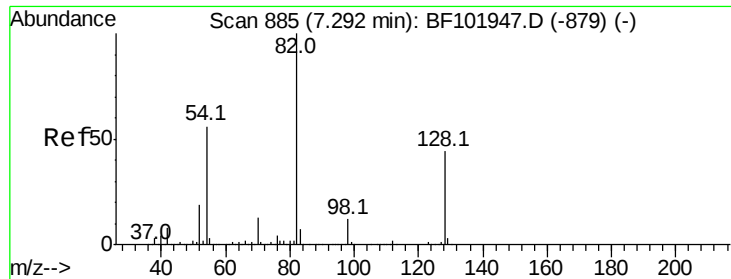
#22
Acetophenone
Concen: 38.720 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

Tgt Ion:	105	Resp:	485137
Ion	Ratio	Lower	Upper
105	100		
71	4.4	4.4	6.6
51	40.5	22.3	33.5#
120	20.1	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

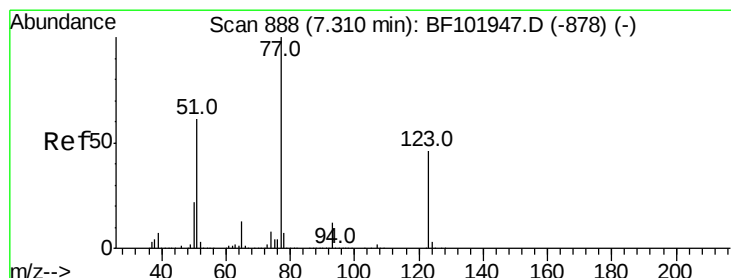
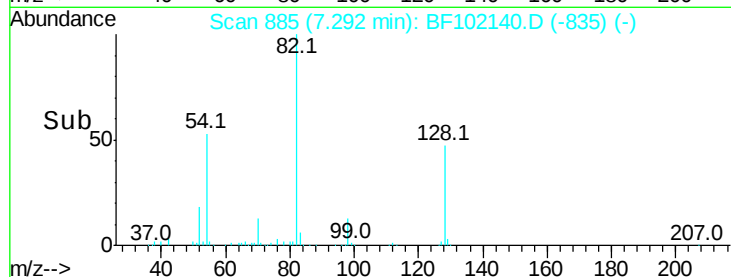
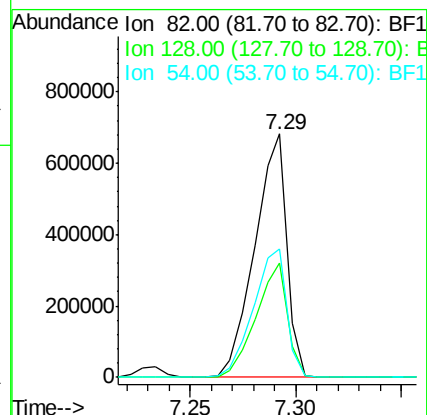
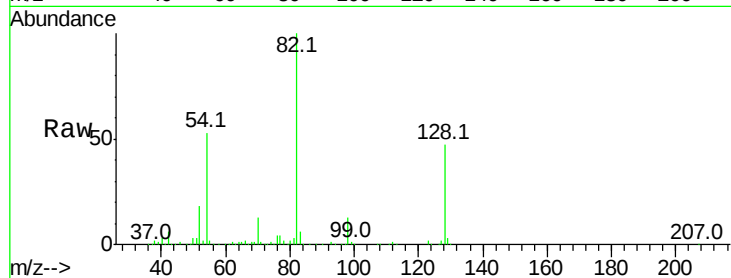




#23
 Nitrobenzene-d5
 Concen: 81.171 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

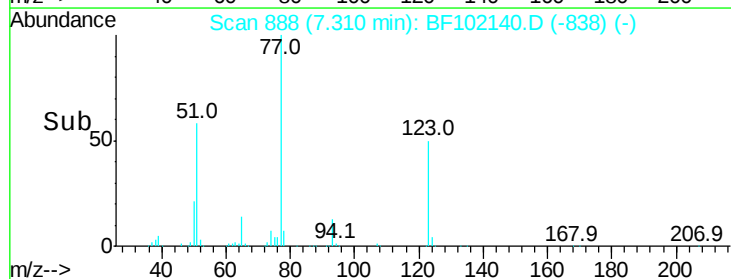
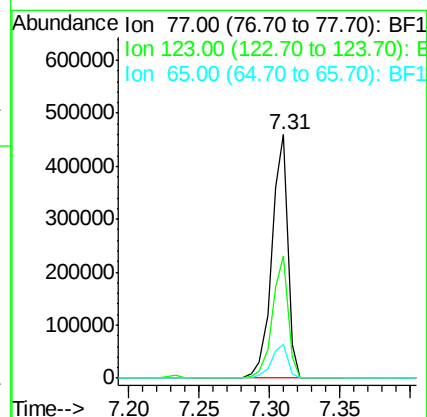
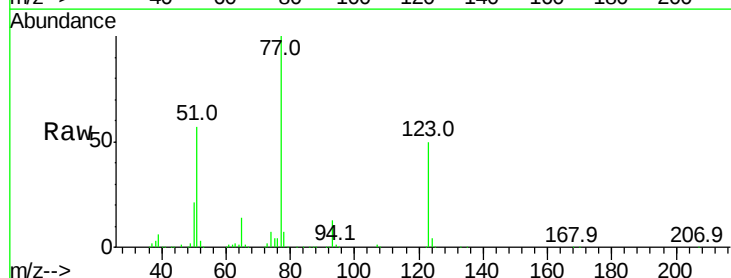
Instrument :
 BNA_F
 ClientSampled :

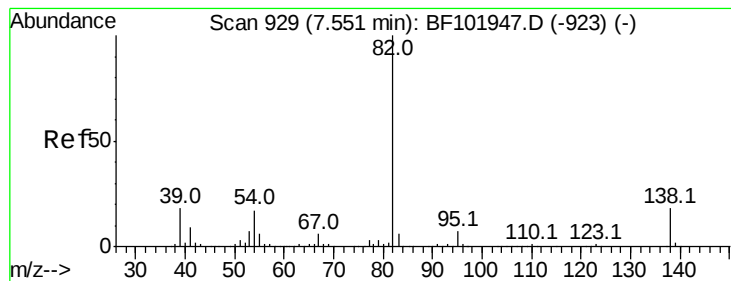
Tot Ion: 82 Resp: 718298
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.1 54.1
 54 52.7 41.4 62.2



#24
 Nitrobenzene
 Concen: 38.874 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

Tgt Ion: 77 Resp: 369649
 Ion Ratio Lower Upper
 77 100
 123 50.0 37.9 56.9
 65 13.8 11.0 16.4





#25

Isophorone

Concen: 35.663 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampleId :

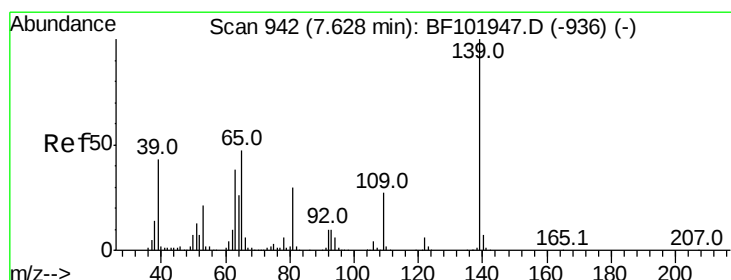
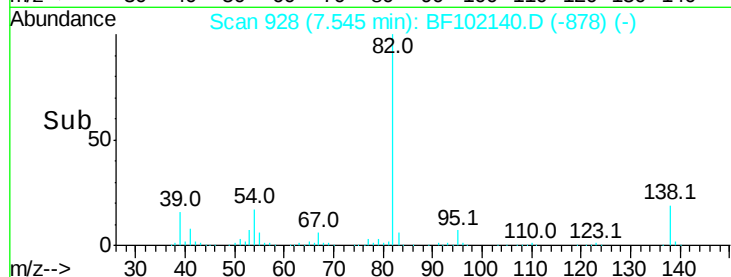
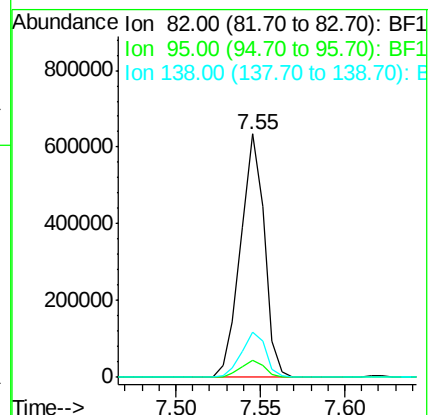
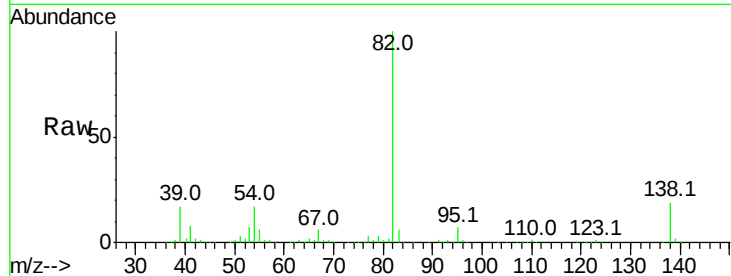
Tot Ion: 82 Resp: 623581

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 46.962 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

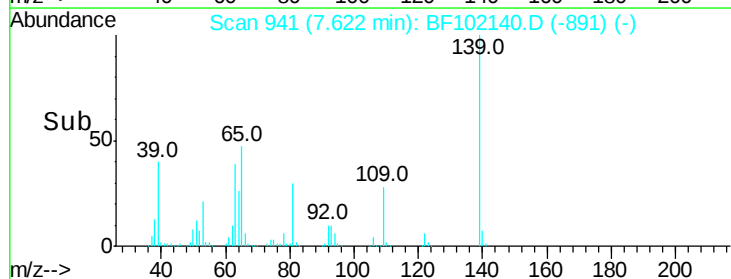
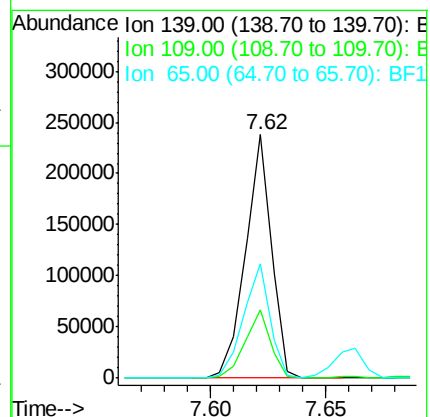
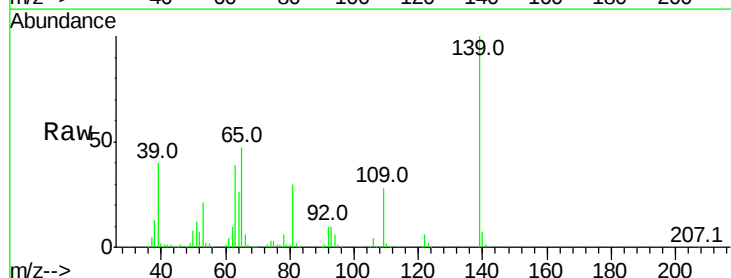
Tgt Ion: 139 Resp: 186906

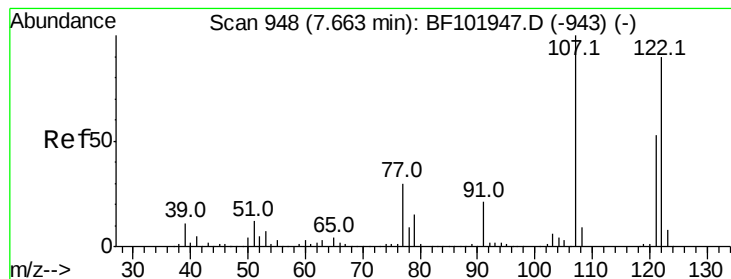
Ion Ratio Lower Upper

139 100

109 28.0 22.7 34.1

65 47.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.518 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampleId :

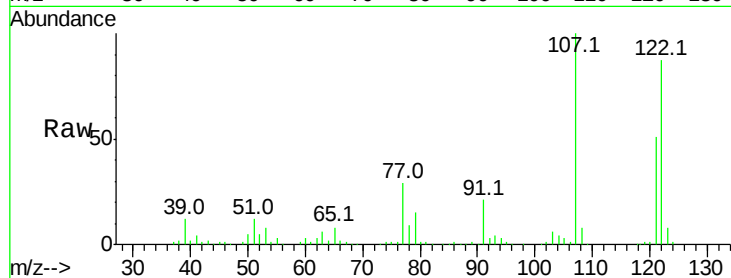
Tot Ion:122 Resp: 278867

Ion Ratio Lower Upper

122 100

107 114.7 91.2 136.8

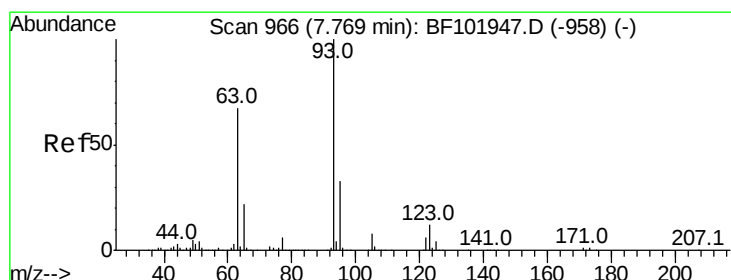
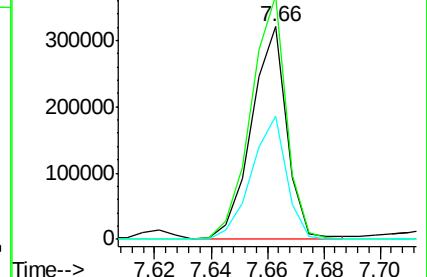
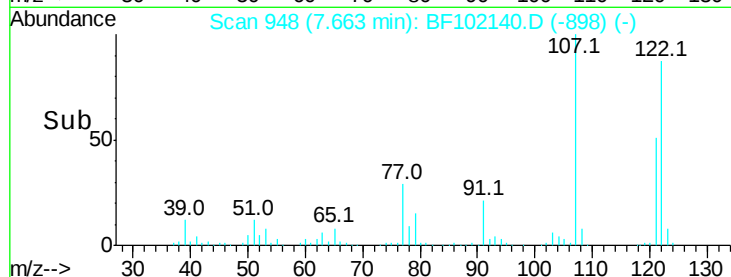
121 58.0 47.2 70.8



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: 35.896 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

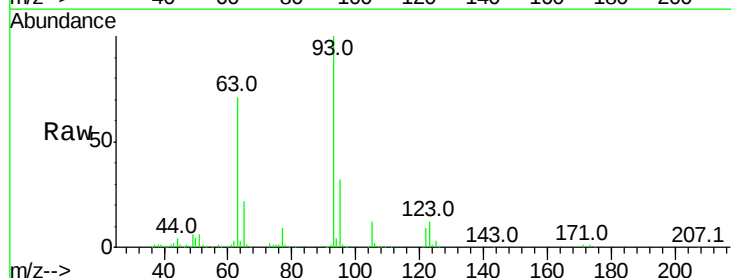
Tgt Ion: 93 Resp: 378972

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

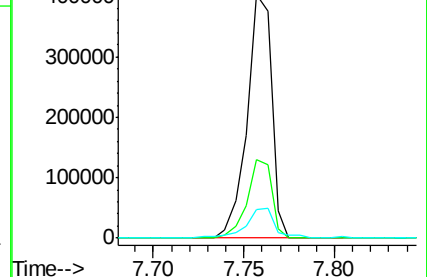
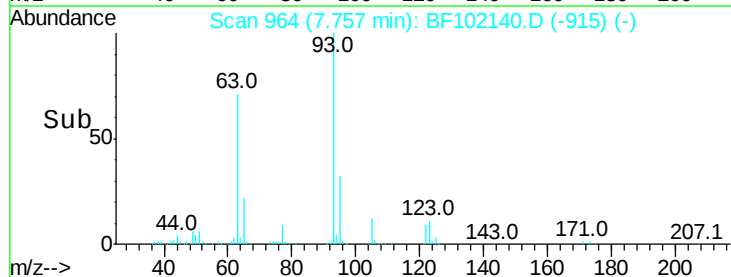
123 11.5 9.8 14.6

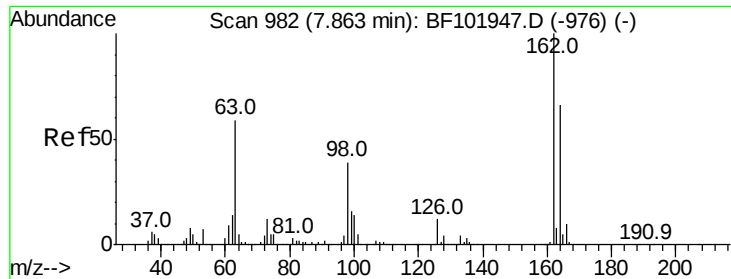


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

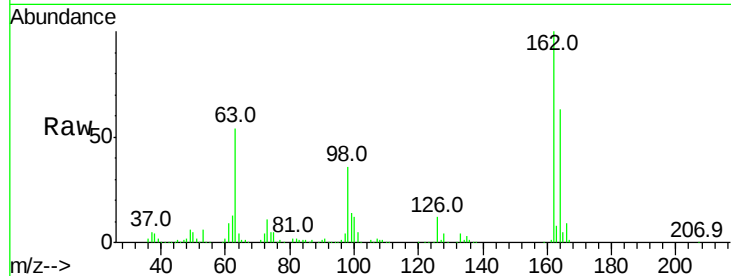




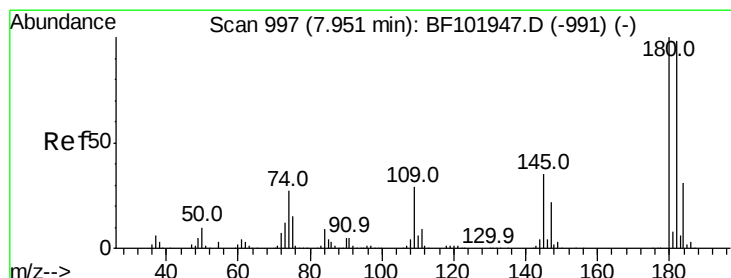
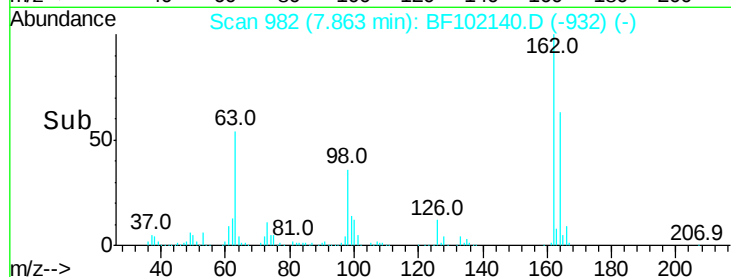
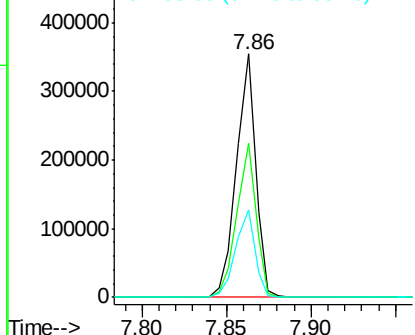
#29
 2,4-Dichlorophenol
 Concen: 40.086 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.7	82.7
98	36.1	18.1	58.1

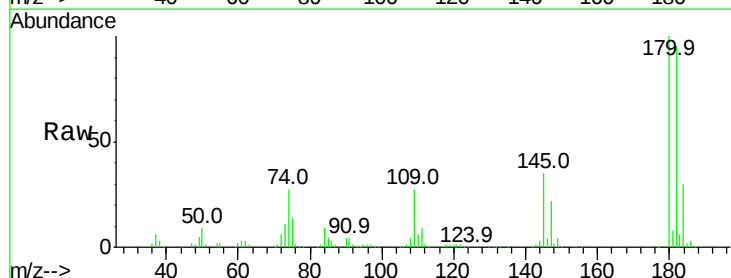


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

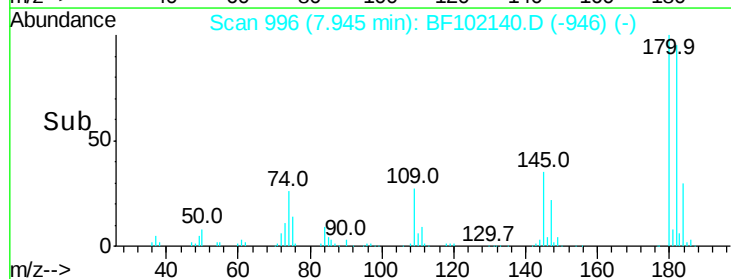
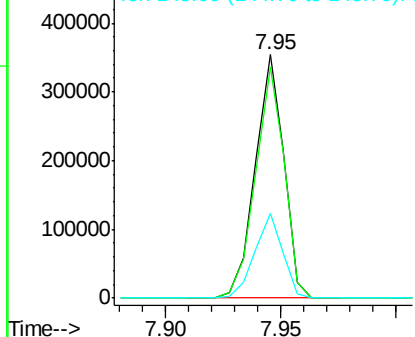


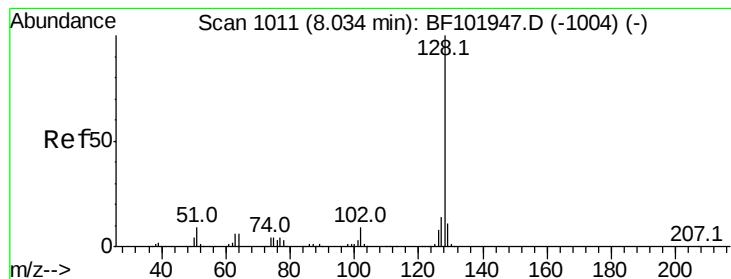
#30
 1,2,4-Trichlorobenzene
 Concen: 41.282 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.8	115.2
145	34.6	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.569 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

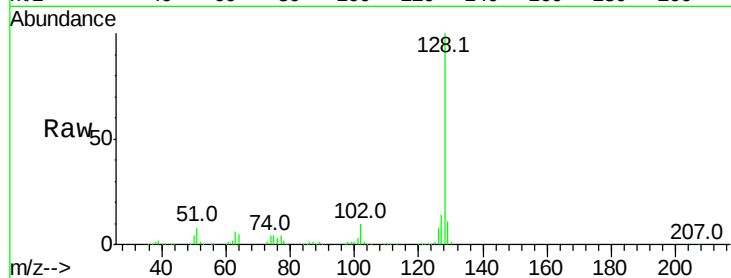
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1002188

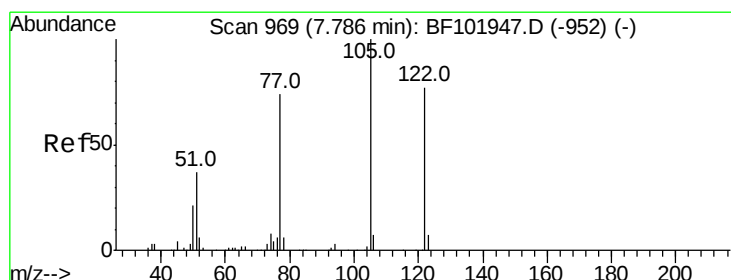
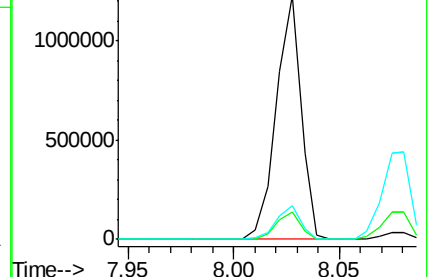
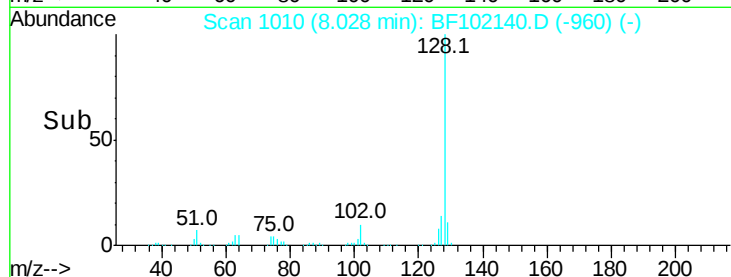
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.7	10.9	16.3



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: 26.924 ng

RT: 7.78 min Scan# 968

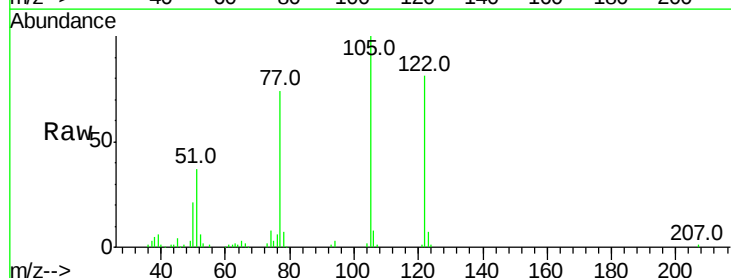
Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Tgt Ion:122 Resp: 151750

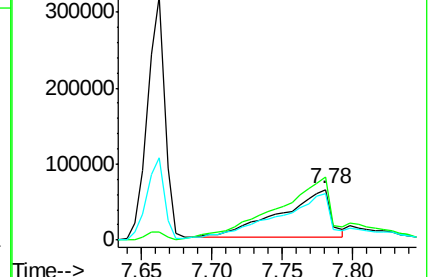
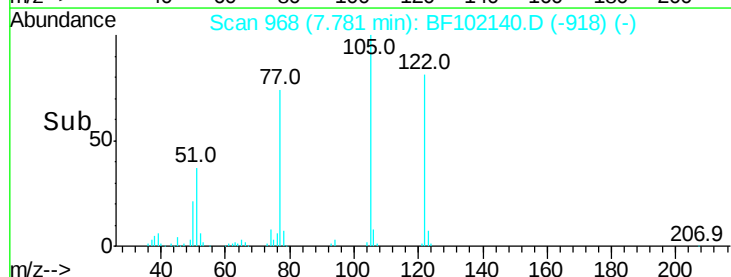
Ion	Ratio	Lower	Upper
122	100		
105	123.9	101.1	141.1
77	91.8	70.7	110.7

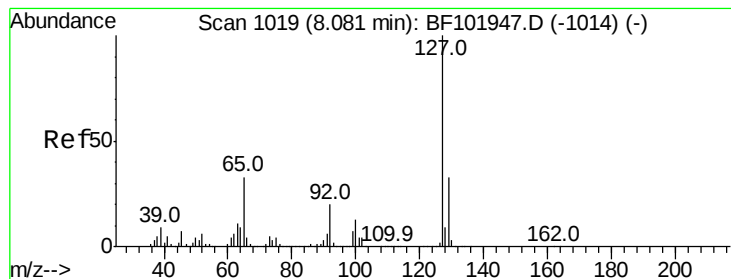


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 37.824 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 419485

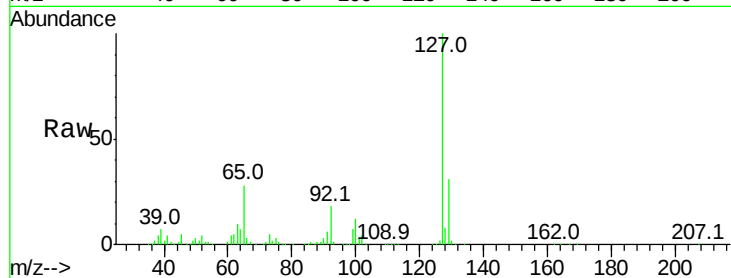
Ion Ratio Lower Upper

127 100

129 31.4 25.9 38.9

65 28.2 25.0 37.4

92 18.2 15.2 22.8

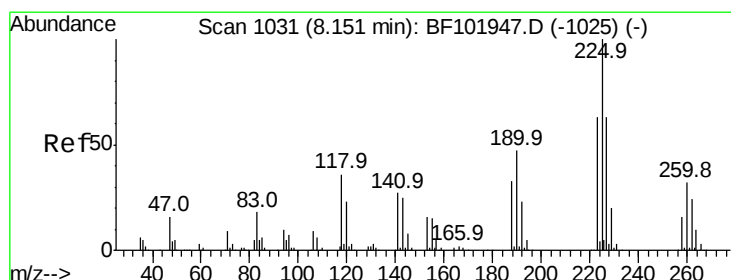
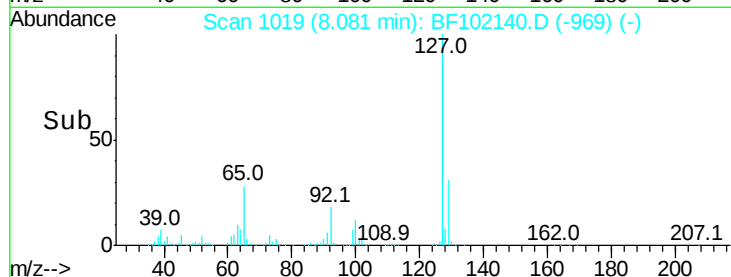
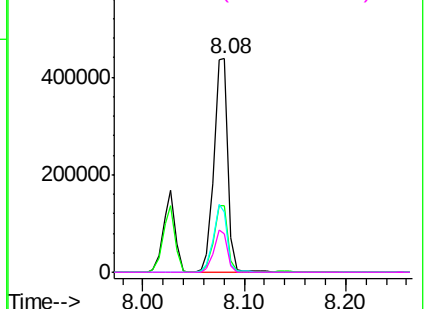


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 43.150 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

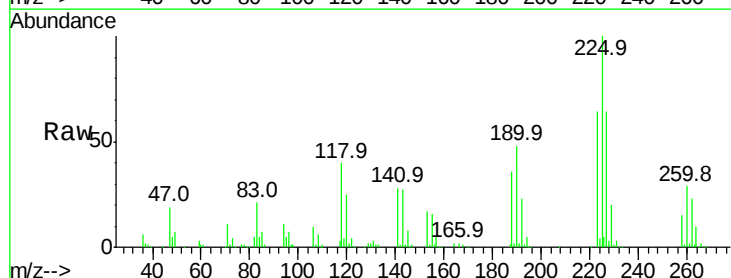
Tgt Ion:225 Resp: 168615

Ion Ratio Lower Upper

225 100

223 63.7 50.6 76.0

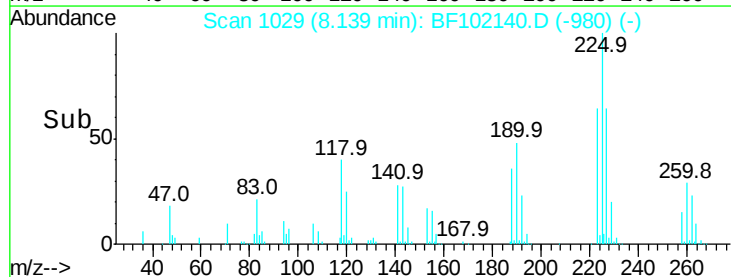
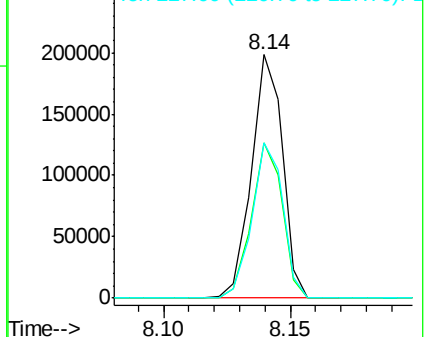
227 64.0 51.9 77.9

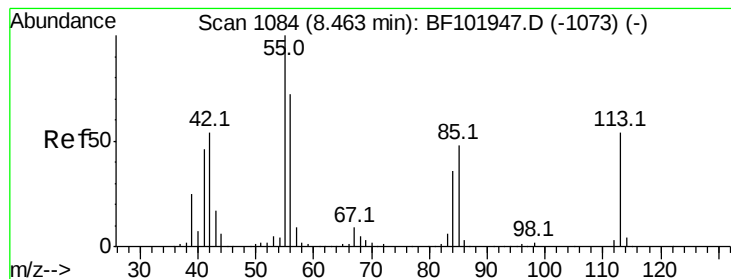


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.847 ng

RT: 8.46 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampleId :

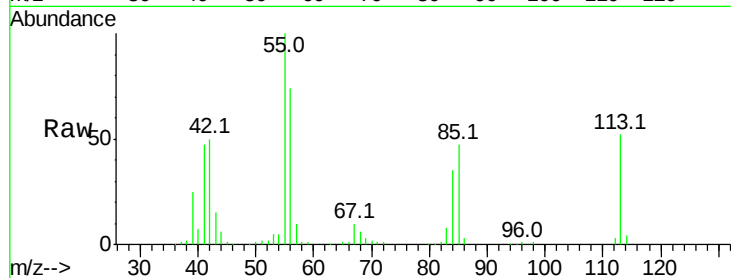
Tot Ion:113 Resp: 84432

Ion Ratio Lower Upper

113 100

55 192.7 163.3 203.3

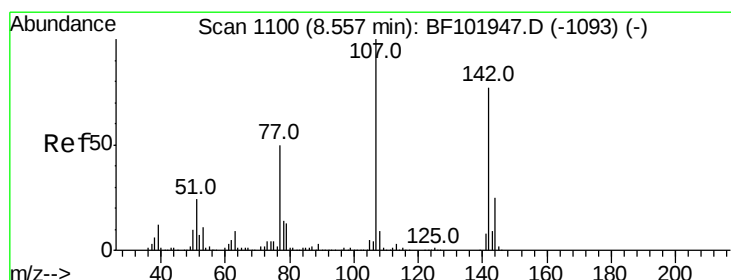
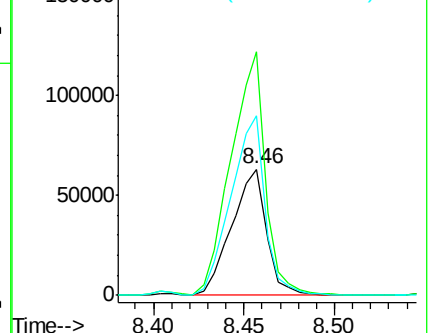
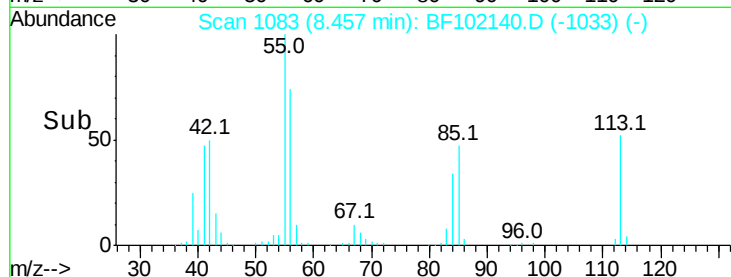
56 141.9 115.7 155.7



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: 37.699 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

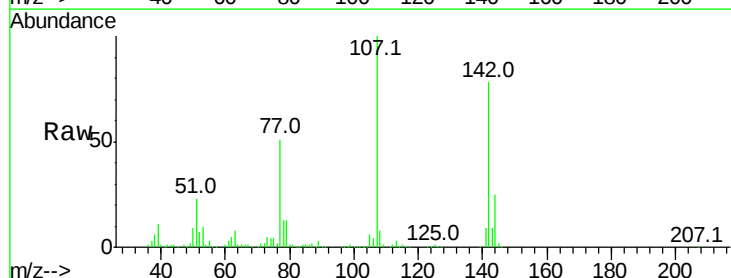
Tgt Ion:107 Resp: 291249

Ion Ratio Lower Upper

107 100

144 24.7 20.5 30.7

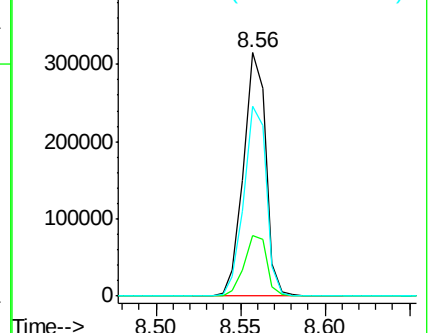
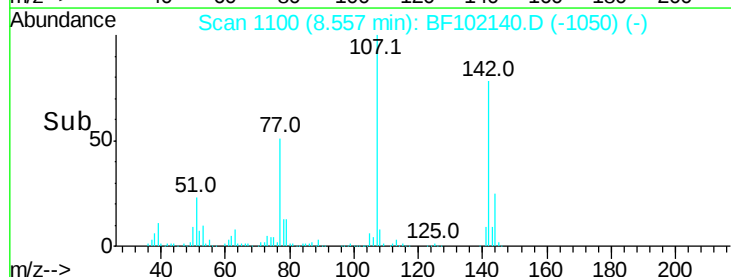
142 78.0 62.0 93.0

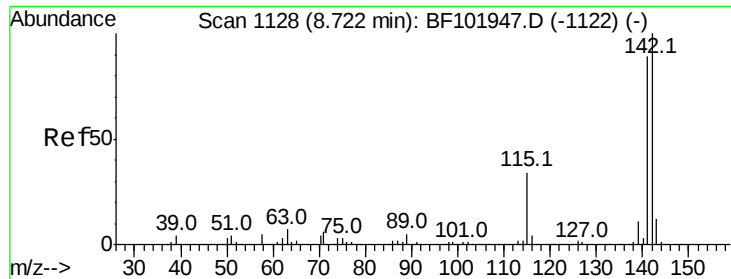


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

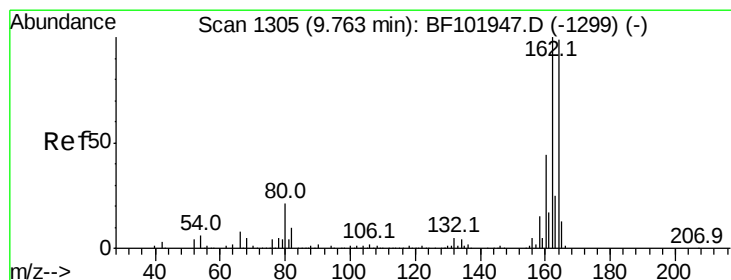
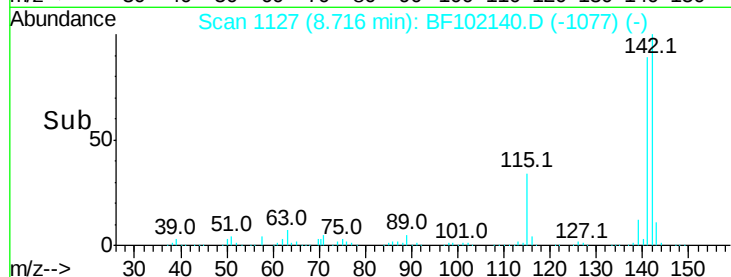
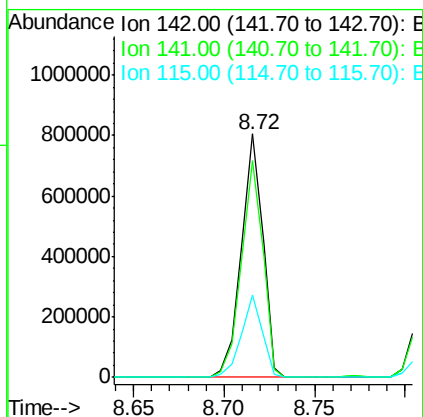
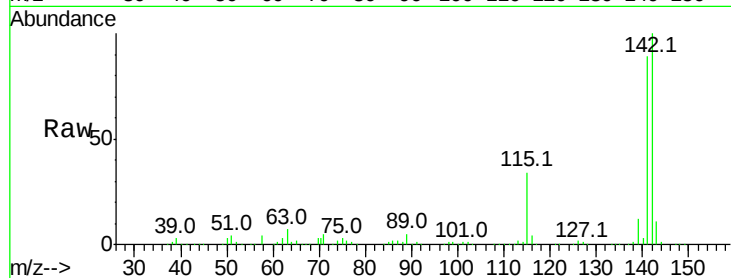




#37
2-Methylnaphthalene
Concen: 38.845 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

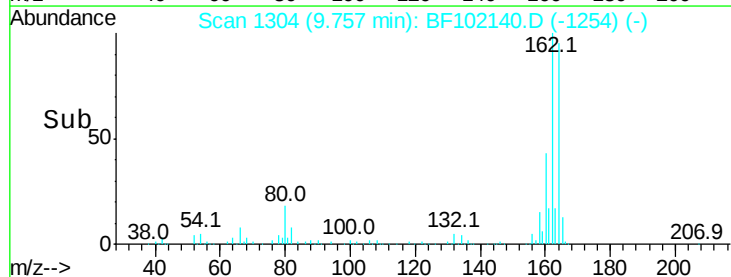
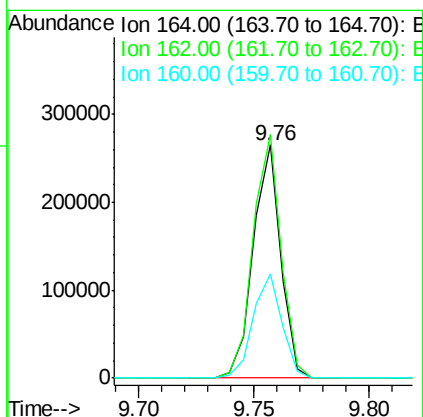
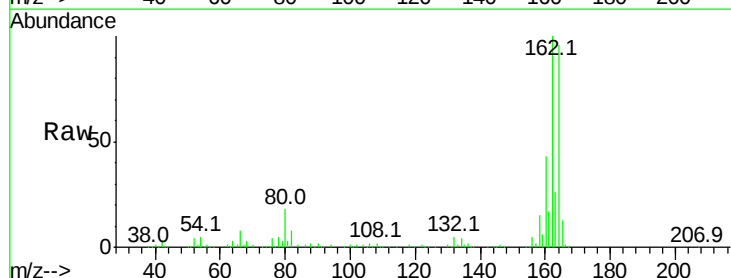
Instrument :
BNA_F
ClientSampleId :

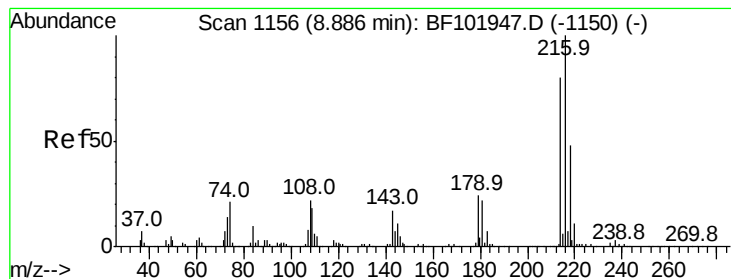
Tot Ion:142 Resp: 664481
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2
115 33.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

Tgt Ion:164 Resp: 221196
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 44.4 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.696 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 273443

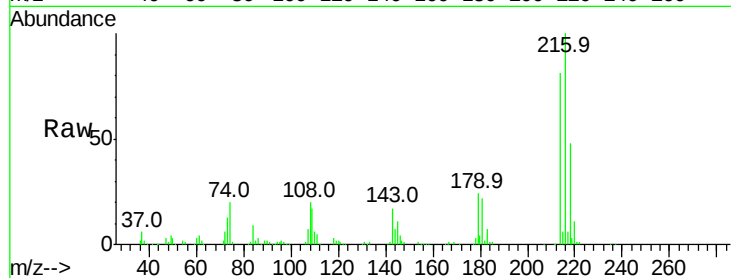
Ion Ratio Lower Upper

216 100

214 80.3 63.0 94.4

179 23.4 18.1 27.1

108 20.3 17.2 25.8

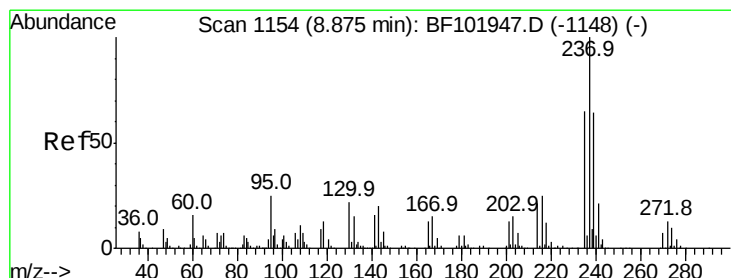
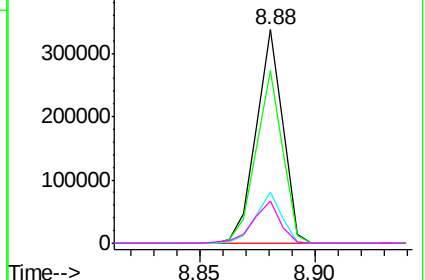
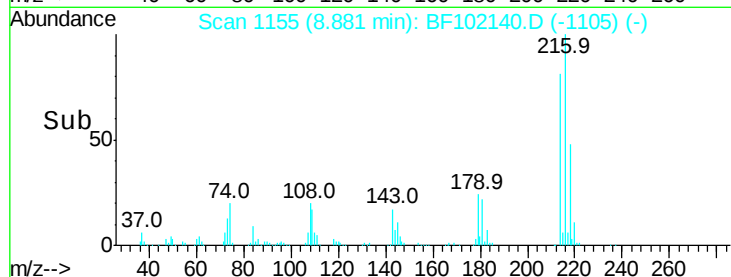


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 18.320 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

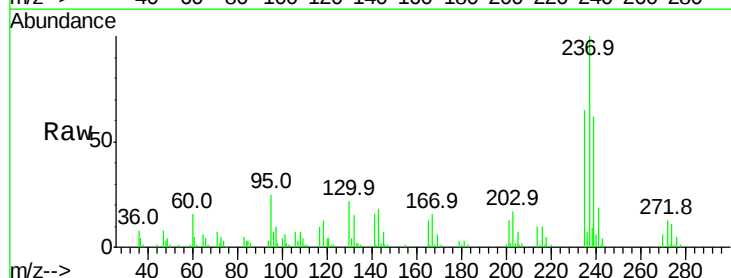
Tgt Ion:237 Resp: 62698

Ion Ratio Lower Upper

237 100

235 64.9 44.8 84.8

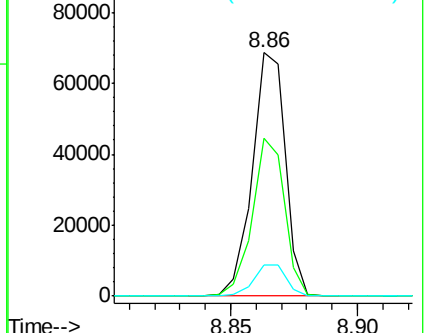
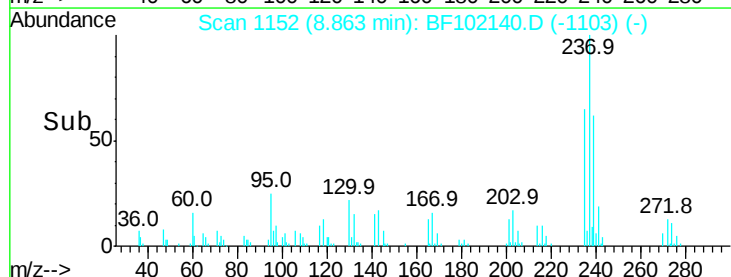
272 12.6 0.0 33.3

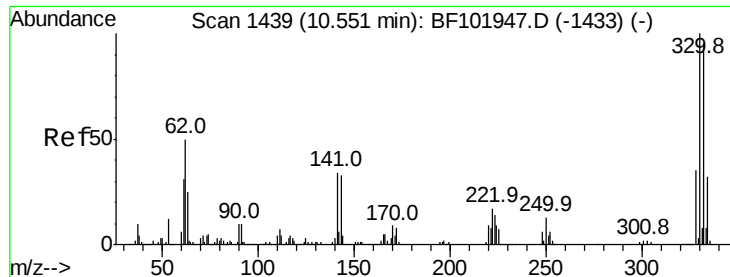


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

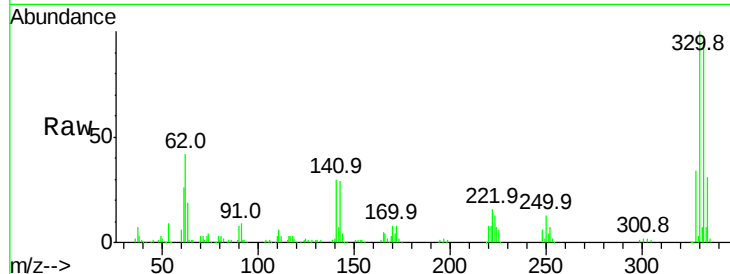




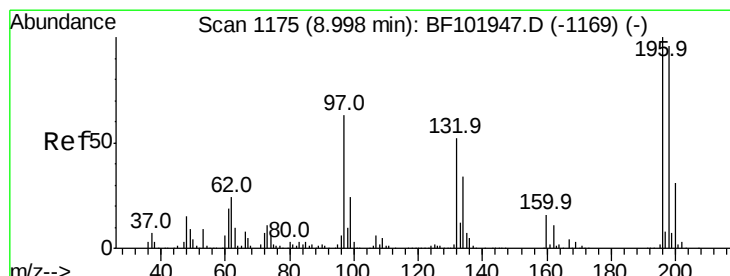
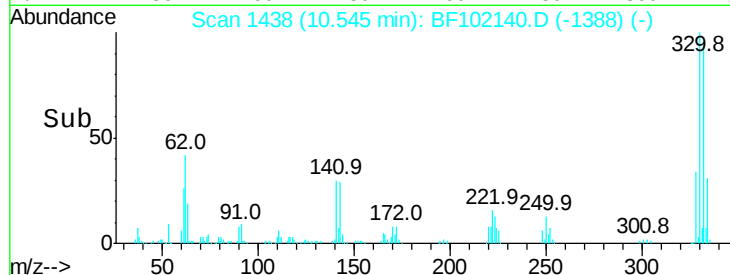
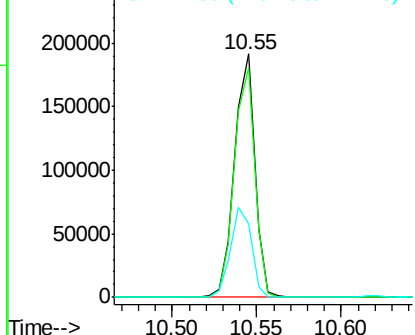
#41
 2,4,6-Tribromophenol
 Concen: 82.766 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	38.4	29.9	44.9

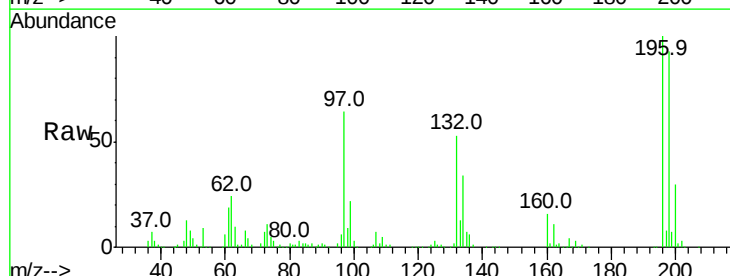


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

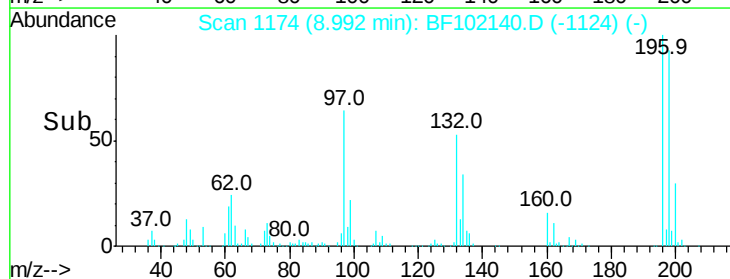
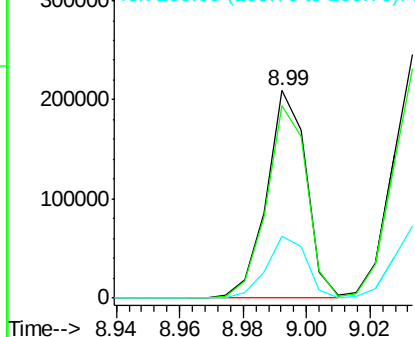


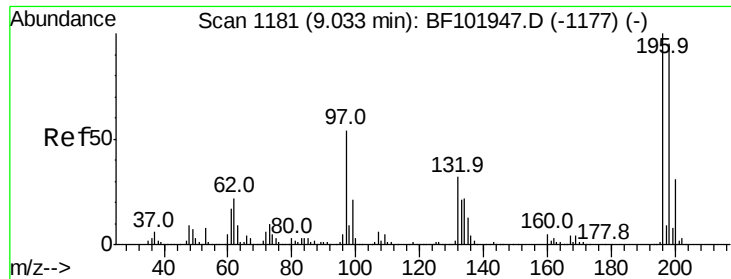
#42
 2,4,6-Trichlorophenol
 Concen: 42.033 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.5	75.7	113.5
200	30.0	24.5	36.7



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

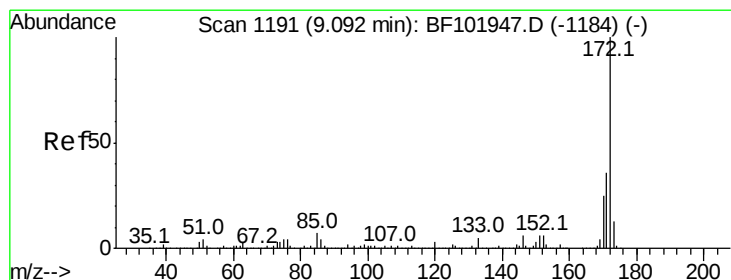
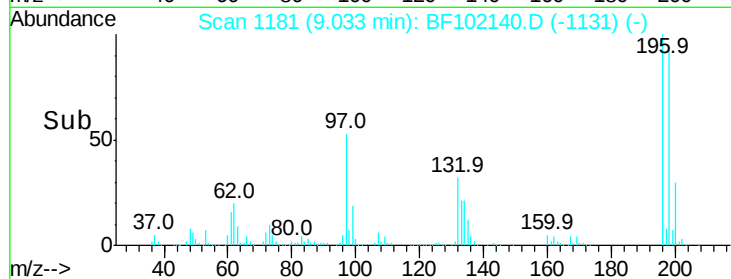
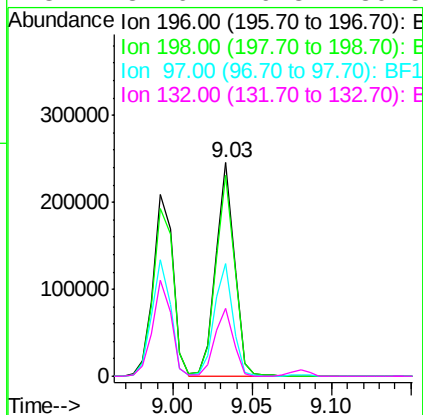
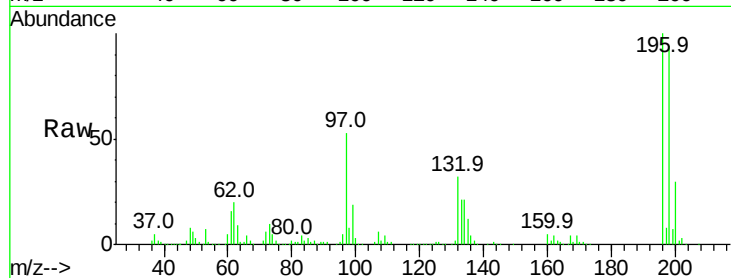




#43
 2,4,5-Trichlorophenol
 Concen: 41.297 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

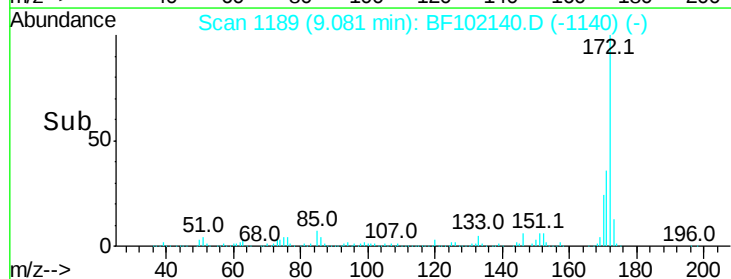
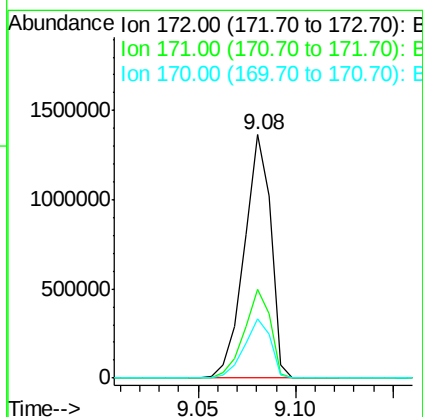
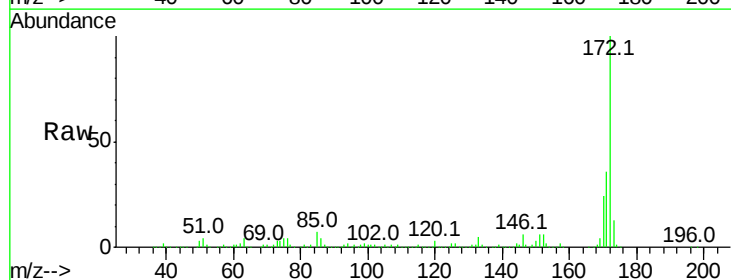
Instrument :
 BNA_F
 ClientSampleId :

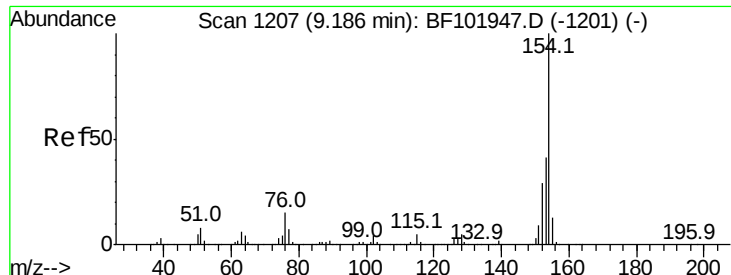
Tot Ion:	196	Resp:	201277
Ion	Ratio	Lower	Upper
196	100		
198	94.1	74.6	112.0
97	52.5	42.9	64.3
132	31.6	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 90.973 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

Tgt Ion:	172	Resp:	1288057
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4





#45

1,1'-Biphenyl

Concen: 40.769 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampled :

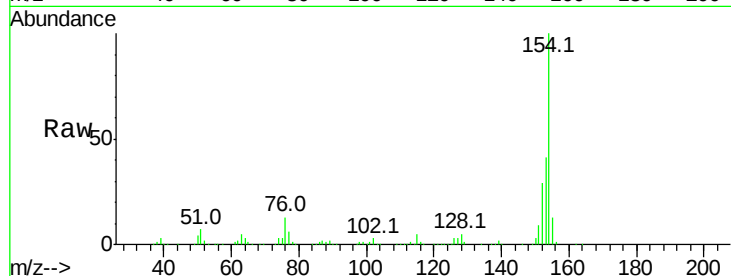
Tot Ion:154 Resp: 797099

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

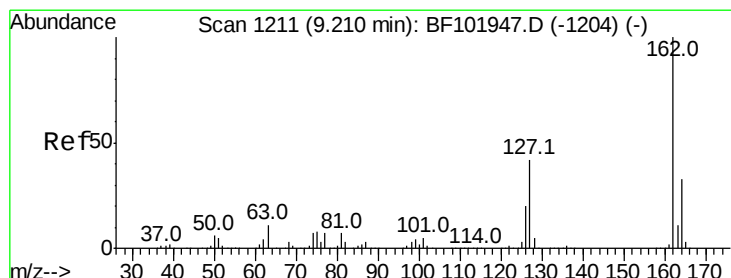
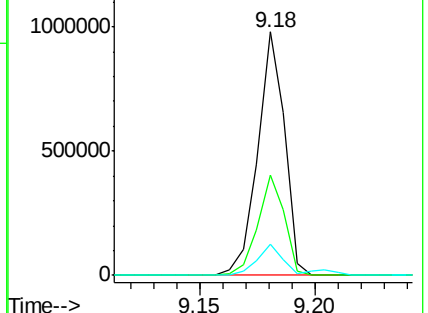
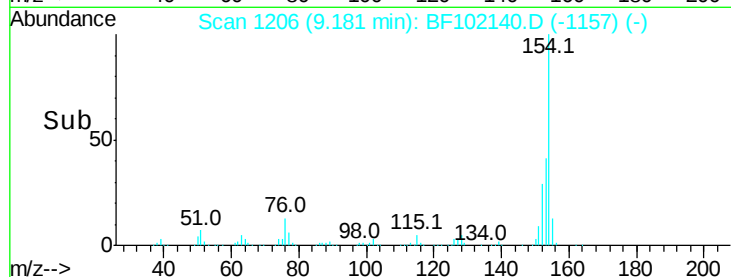
76 12.6 0.0 34.0



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: 40.182 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

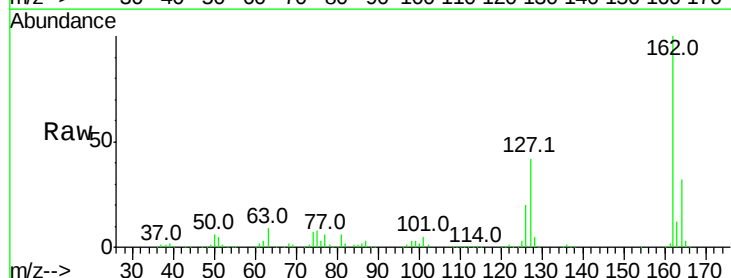
Tgt Ion:162 Resp: 609203

Ion Ratio Lower Upper

162 100

127 42.1 33.9 50.9

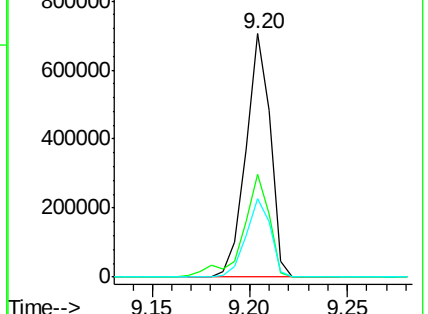
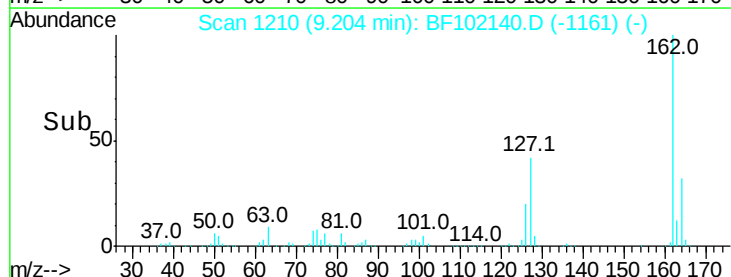
164 32.4 26.5 39.7

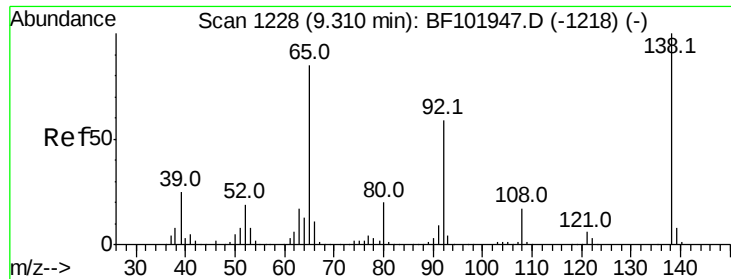


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

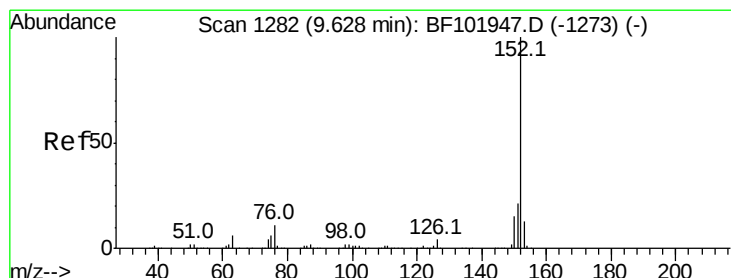
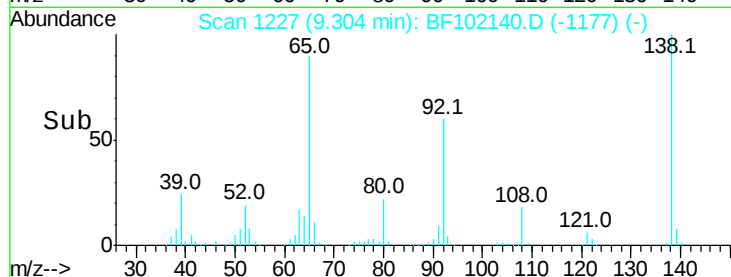
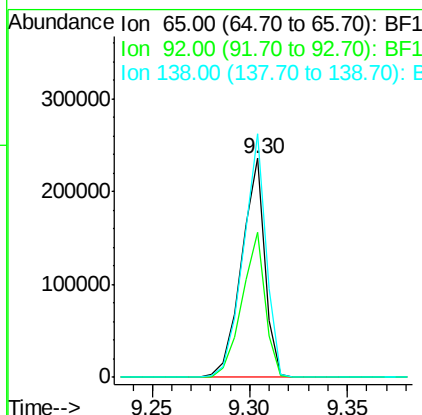
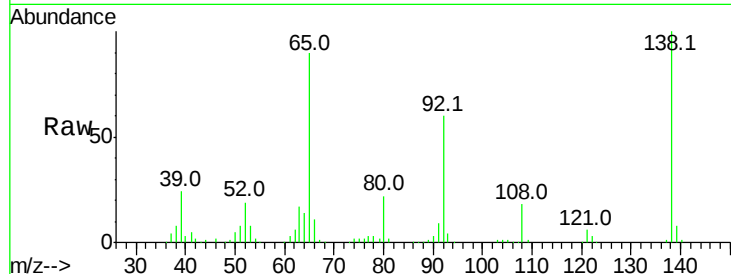




#47
 2-Nitroaniline
 Concen: 42.823 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

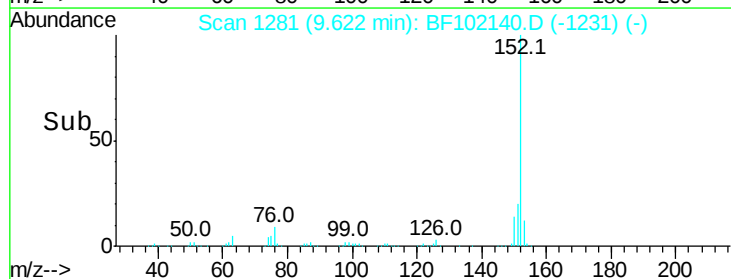
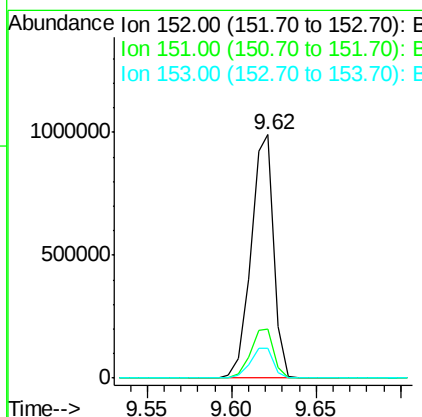
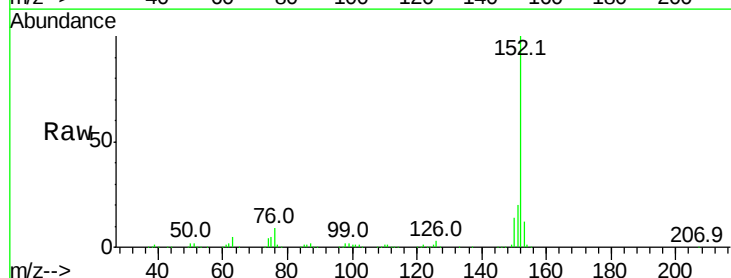
Instrument :
 BNA_F
 ClientSampleId :

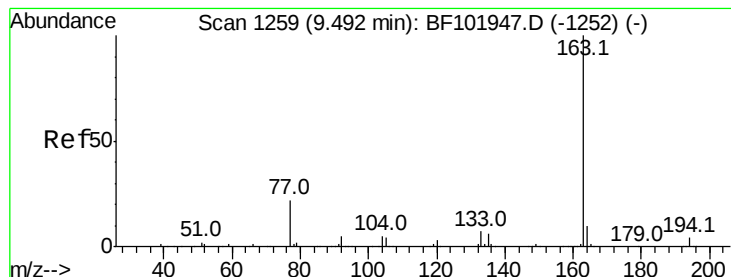
Tot Ion: 65 Resp: 194482
 Ion Ratio Lower Upper
 65 100
 92 66.1 55.8 83.6
 138 111.1 91.2 136.8



#48
 Acenaphthylene
 Concen: 38.663 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

Tgt Ion: 152 Resp: 930262
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 12.5 10.7 16.1

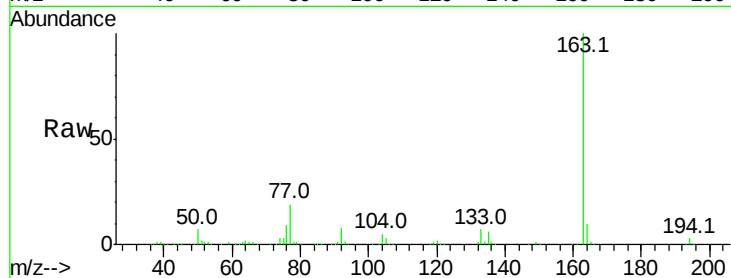




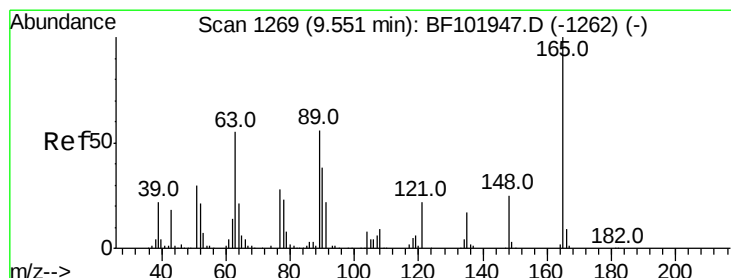
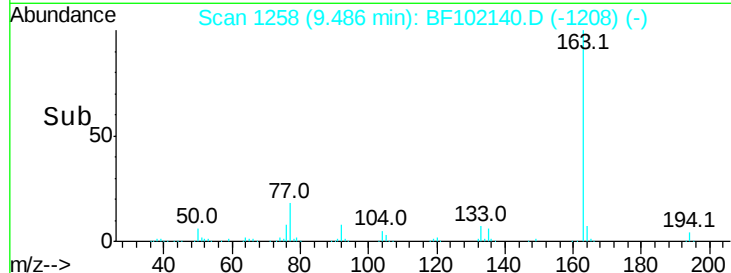
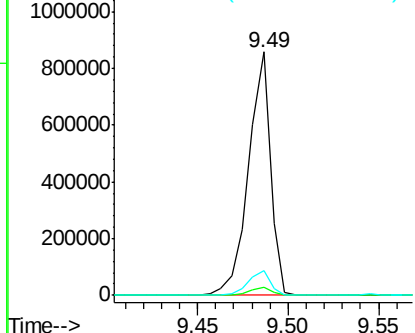
#49
 Dimethylphthalate
 Concen: 40.876 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:163 Resp: 725330
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 9.9 8.2 12.2

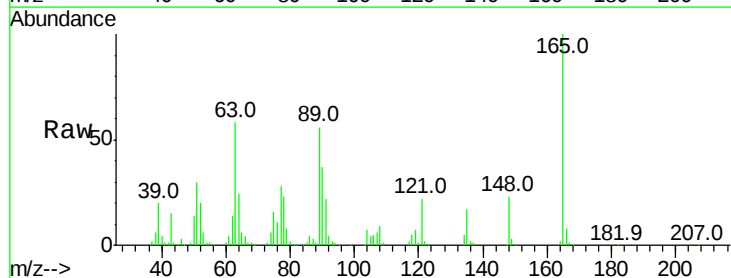


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

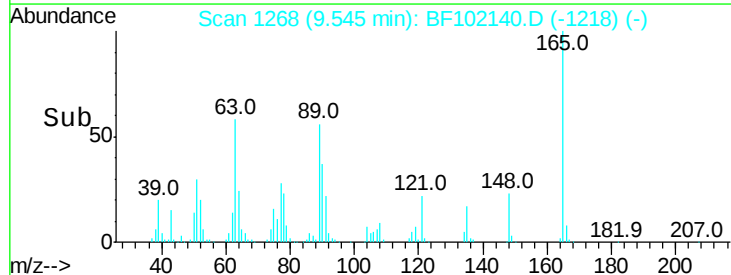
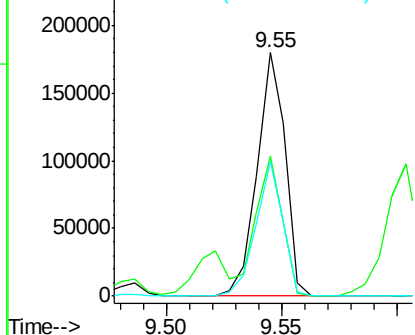


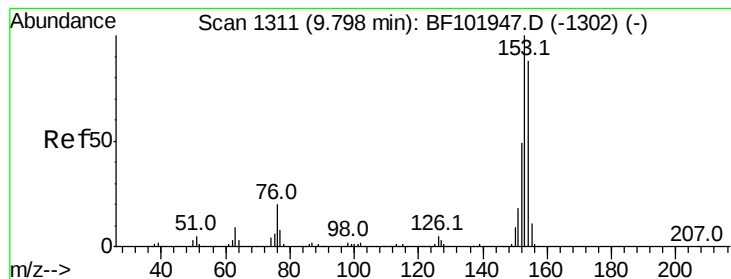
#50
 2,6-Dinitrotoluene
 Concen: 43.064 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

Tgt Ion:165 Resp: 152639
 Ion Ratio Lower Upper
 165 100
 63 57.7 44.7 67.1
 89 55.5 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: 37.039 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampled :

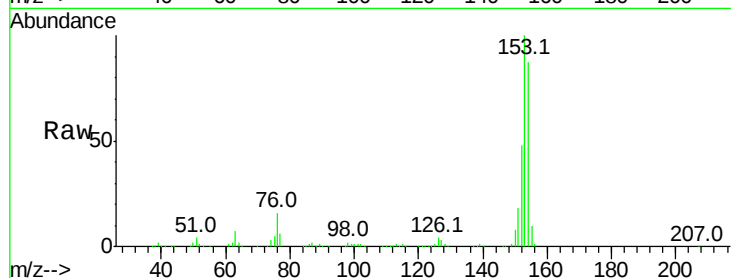
Tot Ion:154 Resp: 540915

Ion Ratio Lower Upper

154 100

153 115.1 91.2 136.8

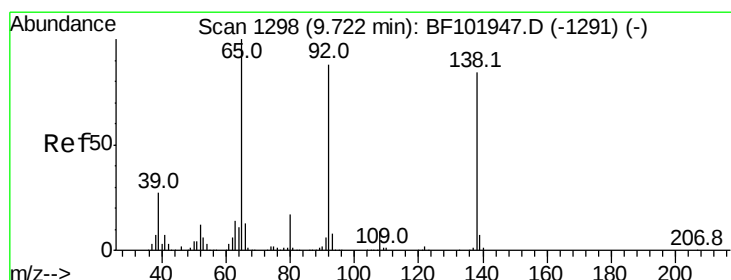
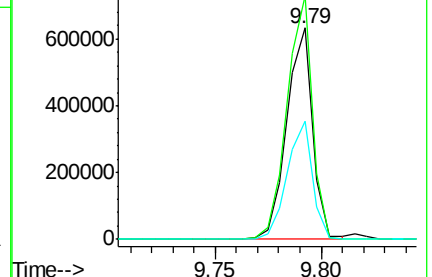
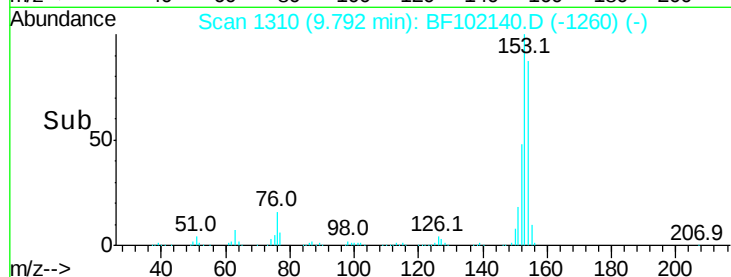
152 55.7 43.8 65.8



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: 39.439 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

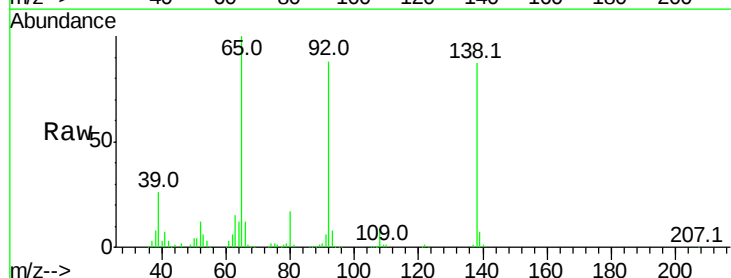
Tgt Ion:138 Resp: 176425

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

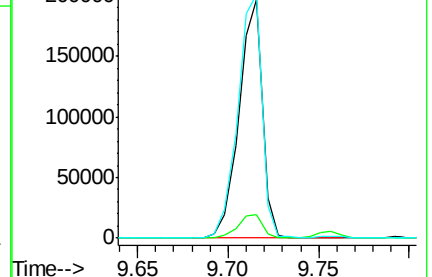
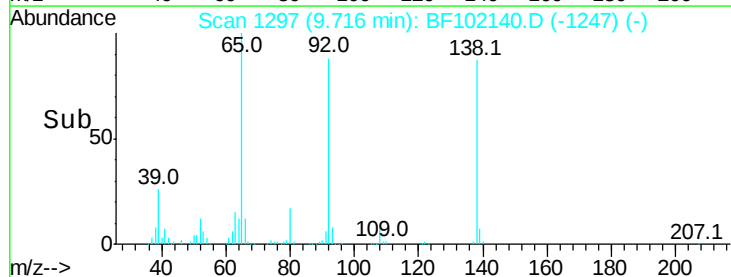
92 102.1 89.4 134.2

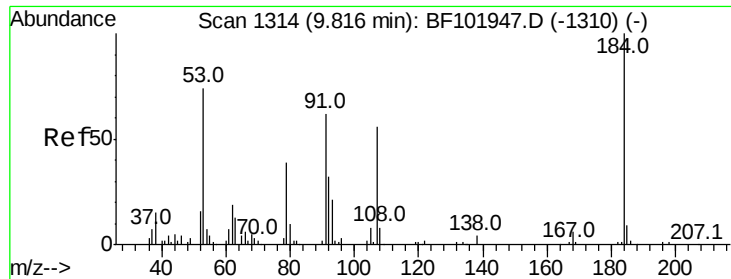


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

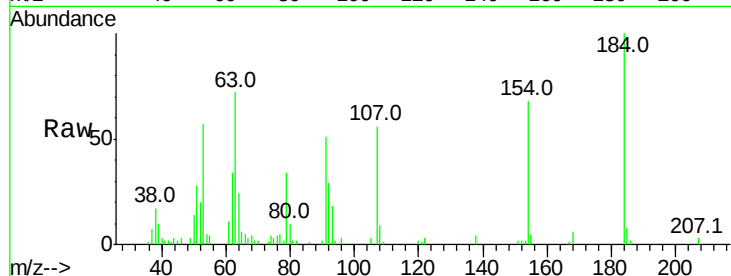




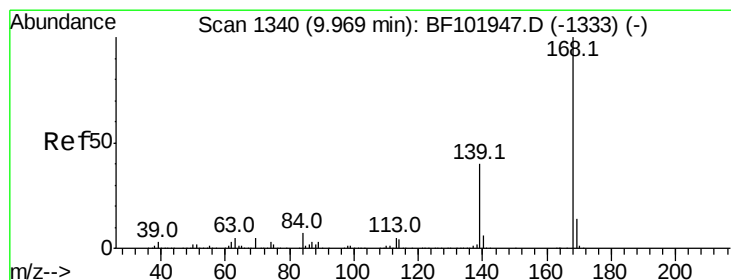
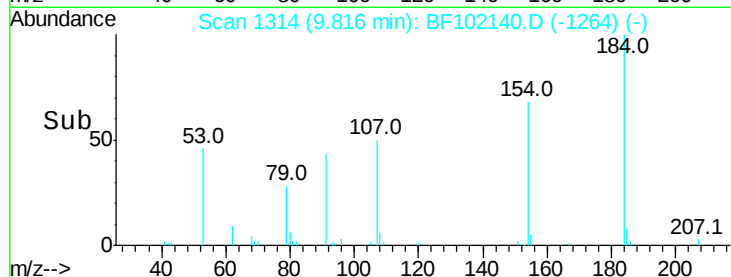
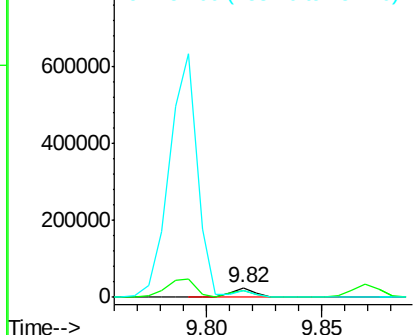
#53
 2,4-Dinitrophenol
 Concen: 21.575 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 19620
 Ion Ratio Lower Upper
 184 100
 63 71.8 54.2 81.2
 154 67.7 184.0 276.0#

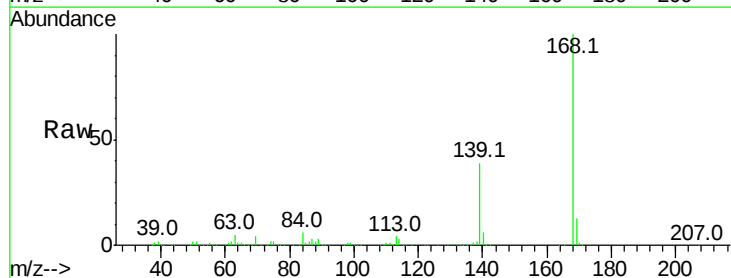


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

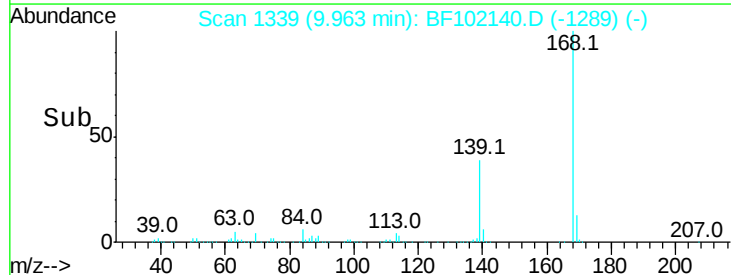
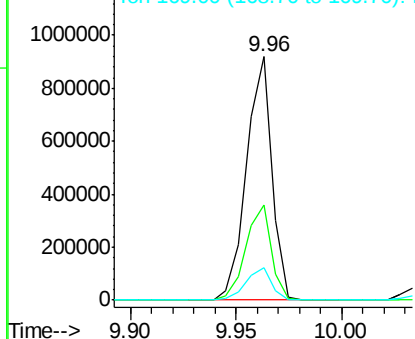


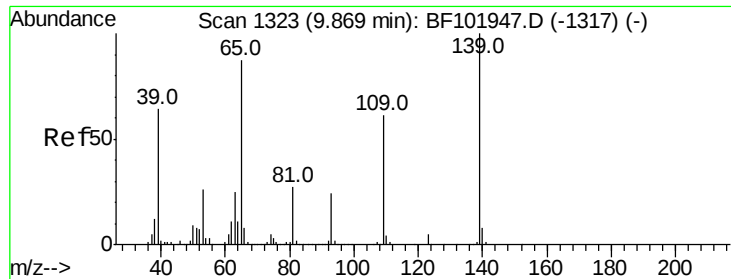
#54
 Dibenzofuran
 Concen: 38.309 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

Tgt Ion:168 Resp: 767818
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 13.2 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

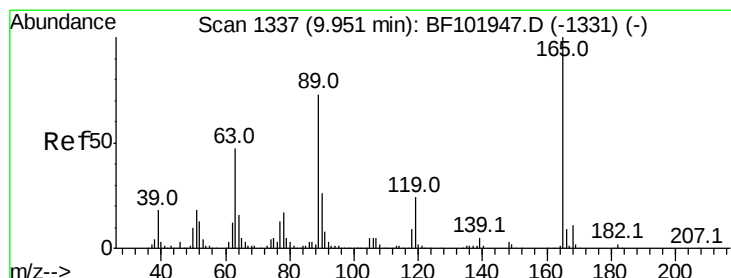
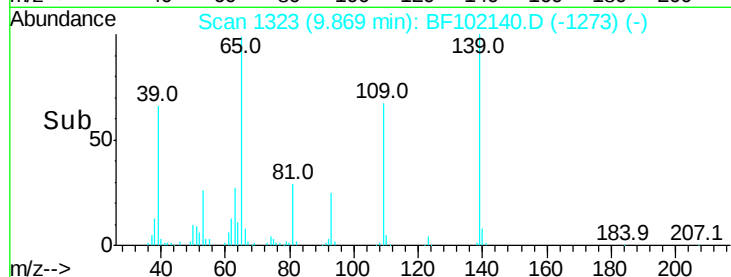
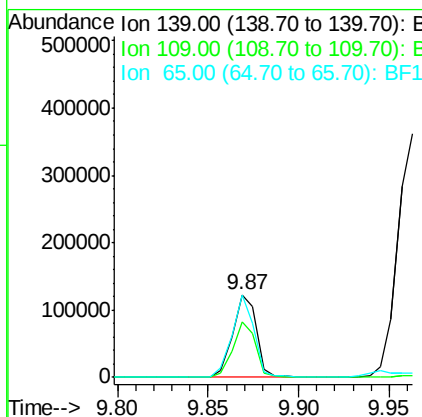
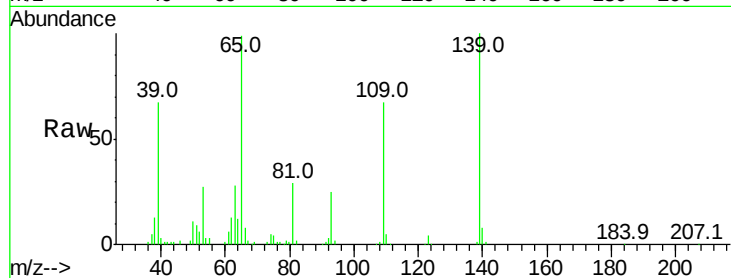




#55
4-Nitrophenol
Concen: 34.056 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

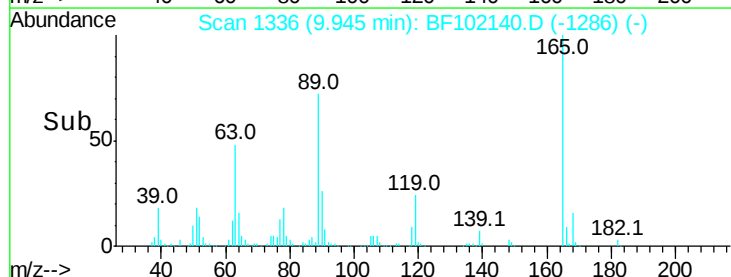
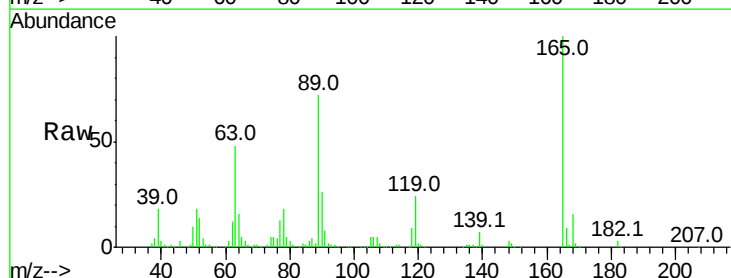
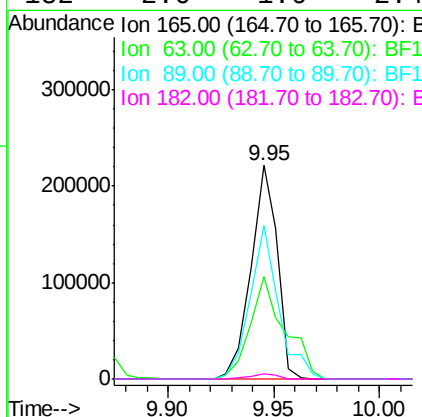
Instrument :
BNA_F
ClientSampled :

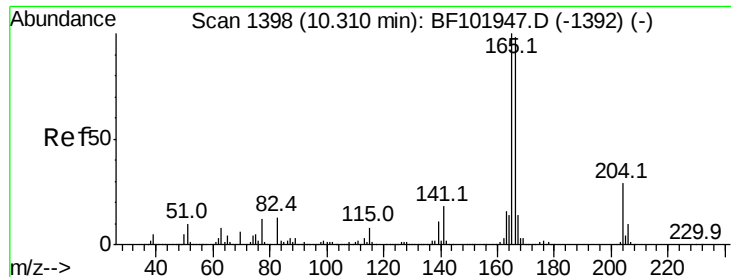
Tot Ion	Ratio	Lower	Upper
139	100		
109	67.0	48.4	88.4
65	99.0	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 43.147 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.3	36.4	54.6
89	71.8	57.8	86.6
182	2.6	1.6	2.4#





#57

Fluorene

Concen: 41.916 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampled :

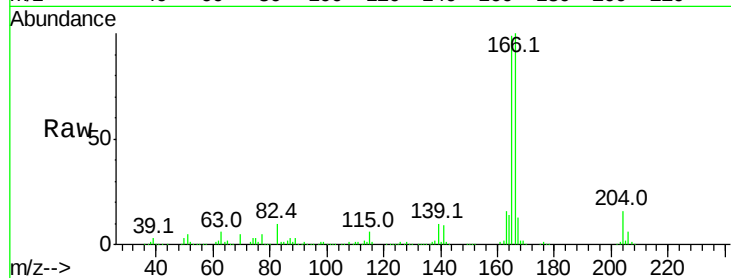
Tot Ion:166 Resp: 580763

Ion Ratio Lower Upper

166 100

165 99.0 79.8 119.8

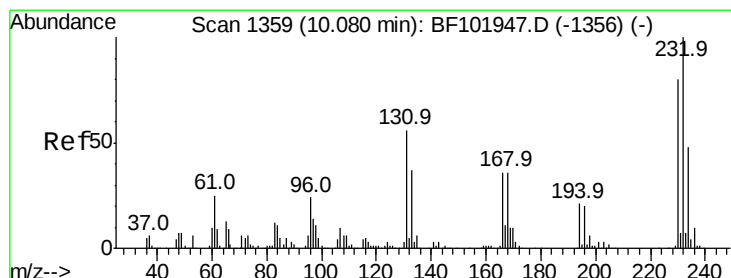
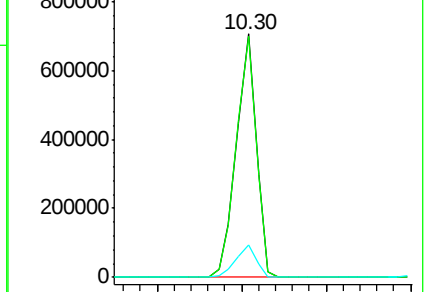
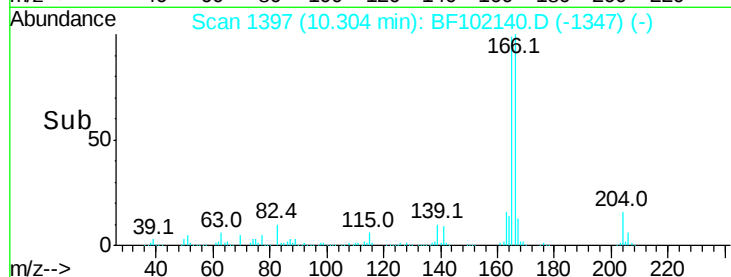
167 13.4 10.6 16.0



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: 37.808 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Tgt Ion:232 Resp: 131191

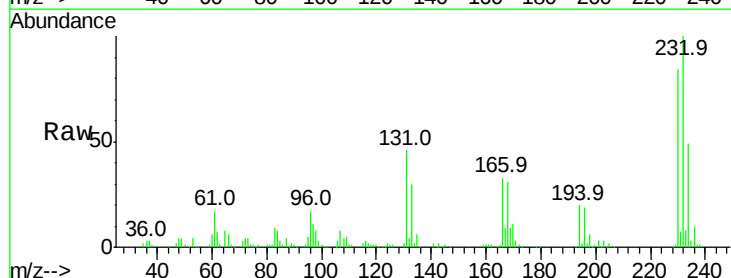
Ion Ratio Lower Upper

232 100

131 53.8 43.8 65.8

130 2.7 2.1 3.1

166 34.9 27.8 41.6

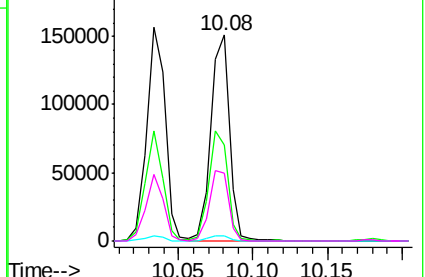
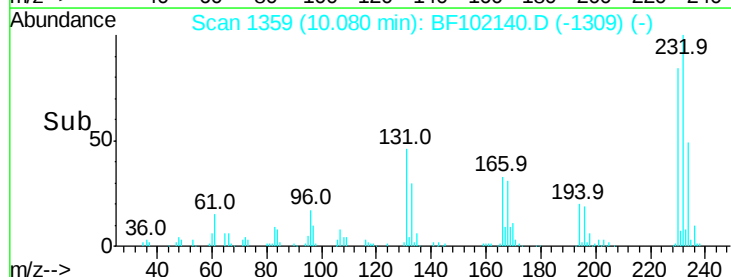


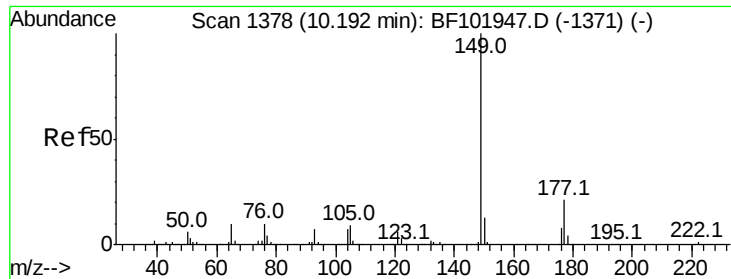
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

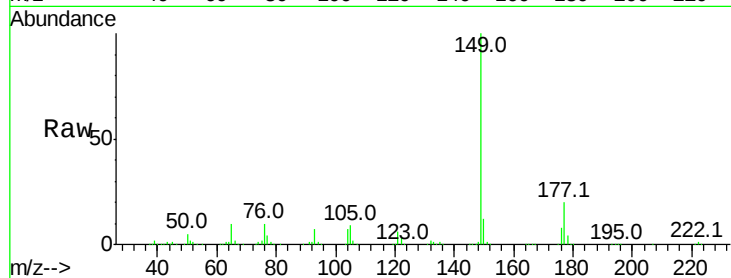




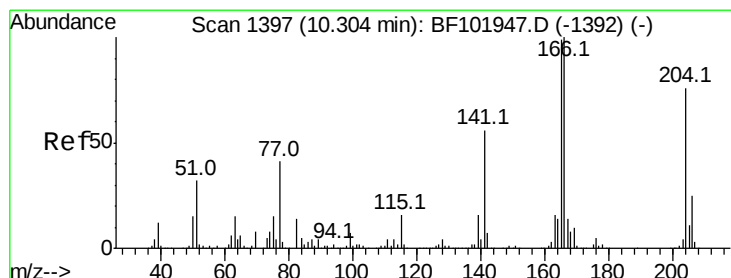
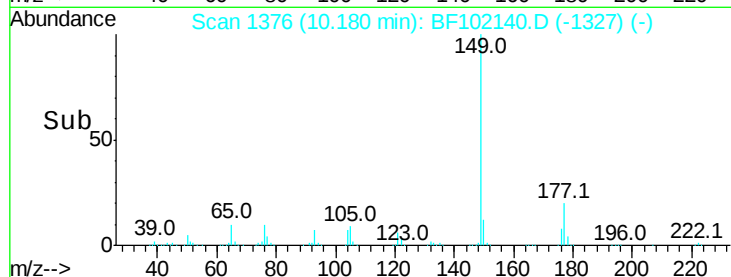
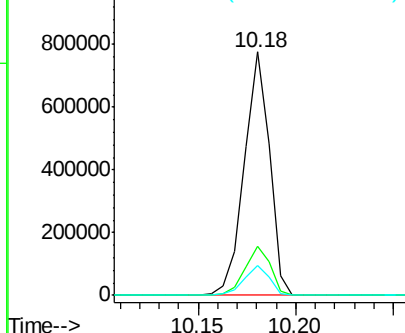
#59
Diethylphthalate
Concen: 39.441 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 696178
Ion Ratio Lower Upper
149 100
177 20.4 16.1 24.1
150 12.3 10.1 15.1

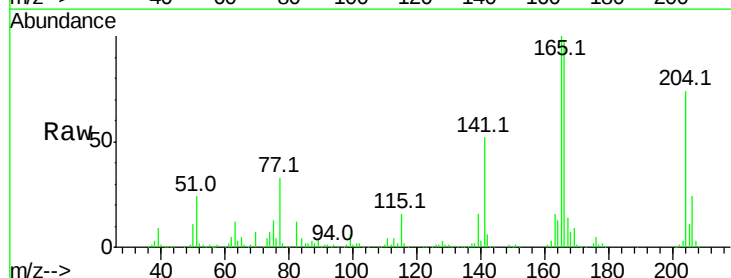


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

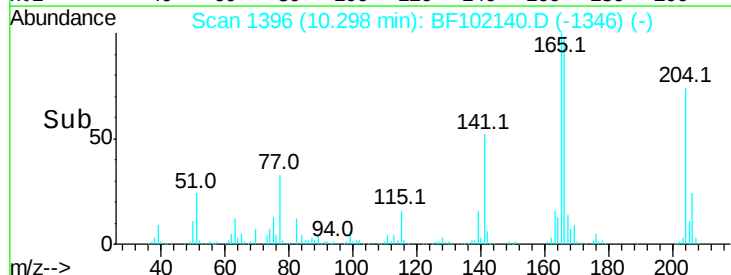
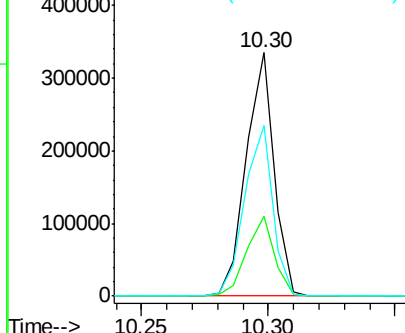


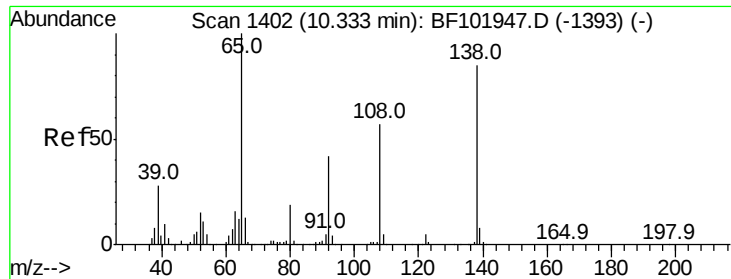
#60
4-Chlorophenyl-phenylether
Concen: 43.534 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

Tgt Ion:204 Resp: 256843
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 70.1 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

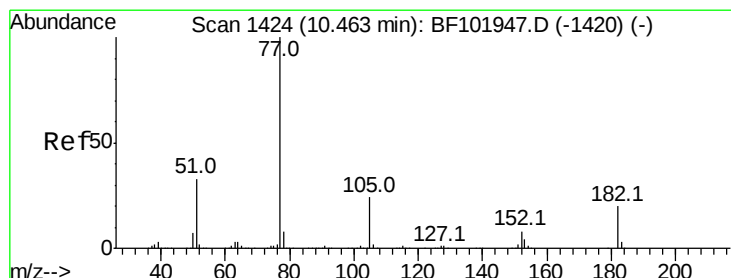
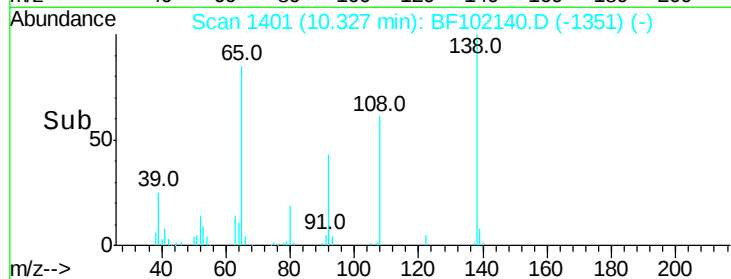
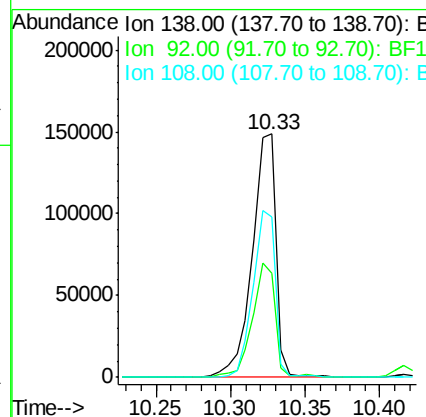
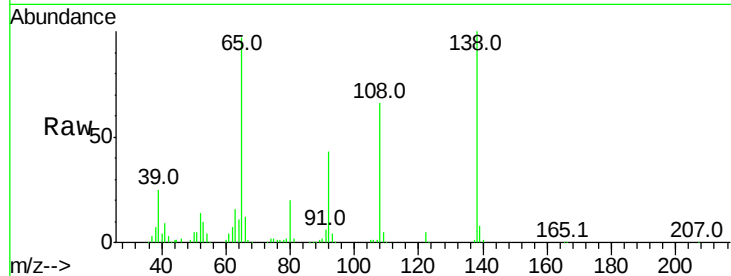




#61
4-Nitroaniline
Concen: 38.430 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

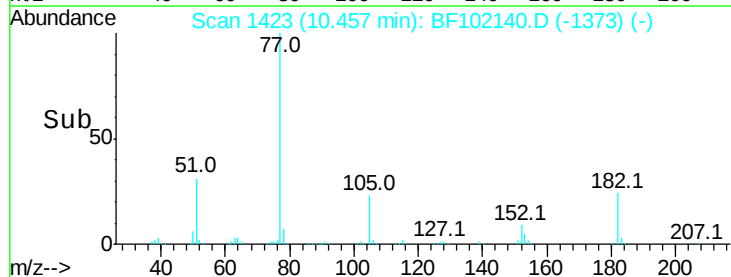
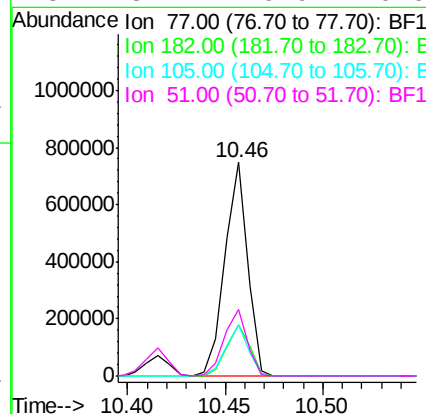
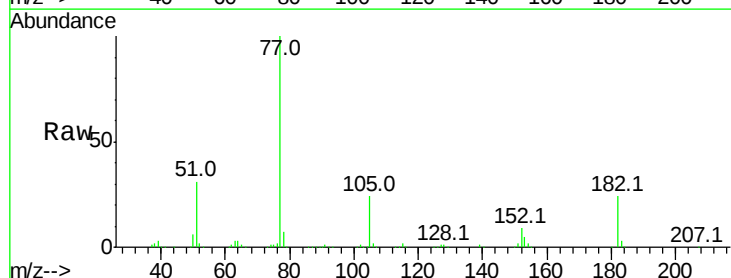
Instrument :
BNA_F
ClientSampleId :

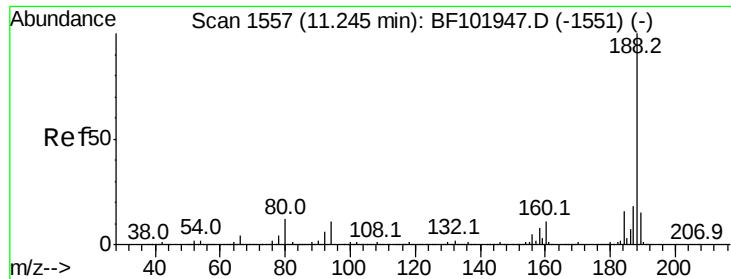
Tot Ion:138 Resp: 163148
Ion Ratio Lower Upper
138 100
92 42.9 30.2 70.2
108 65.9 52.5 92.5



#62
Azobenzene
Concen: 34.434 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

Tgt Ion: 77 Resp: 604713
Ion Ratio Lower Upper
77 100
182 23.9 1.7 41.7
105 23.7 3.0 43.0
51 31.1 9.9 49.9

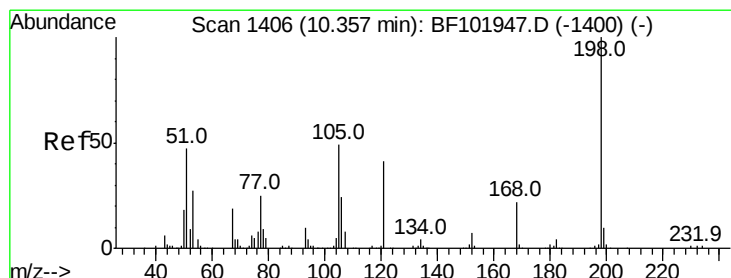
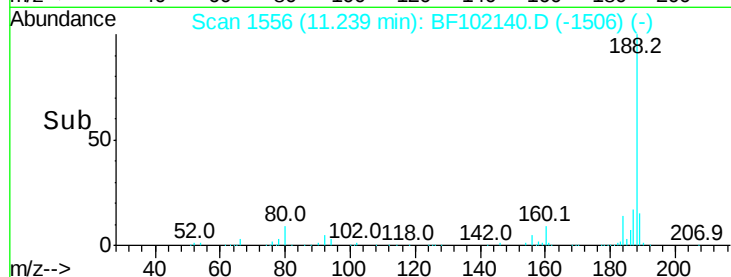
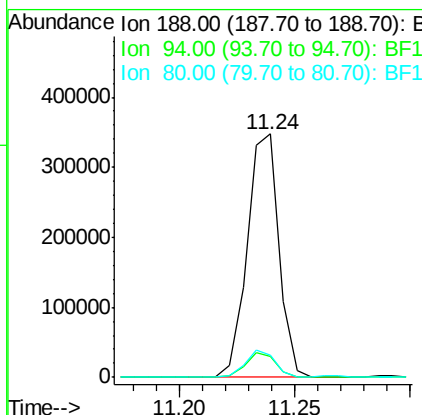
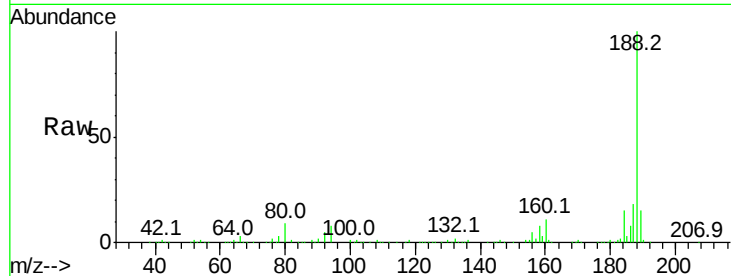




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

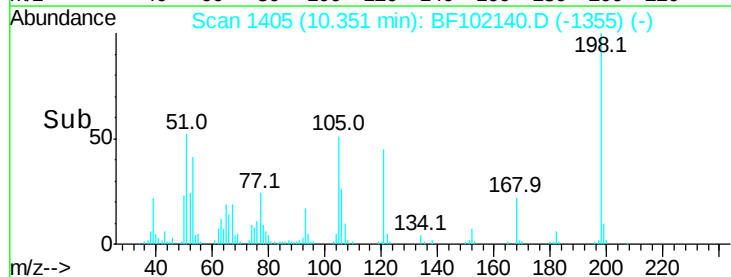
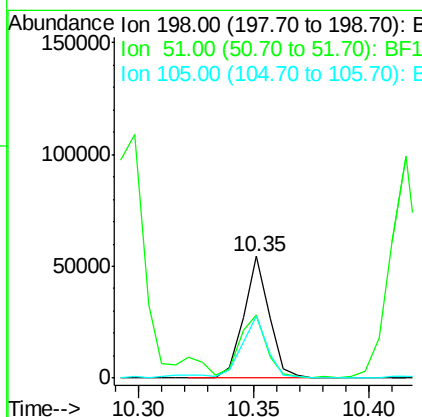
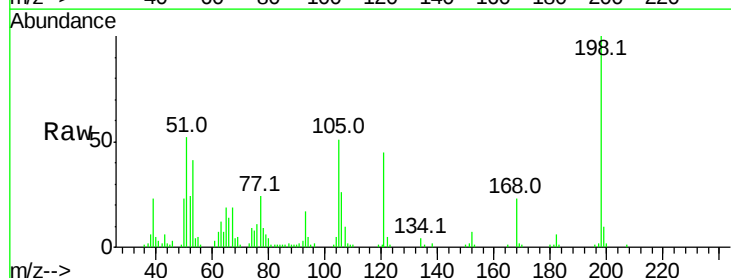
Instrument :
BNA_F
ClientSampleId :

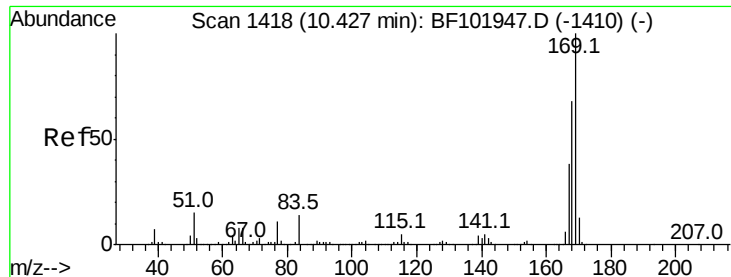
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.1	9.2	13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 26.135 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

Tgt Ion	Ratio	Lower	Upper
198	100		
51	51.6	37.7	77.7
105	51.1	36.3	76.3

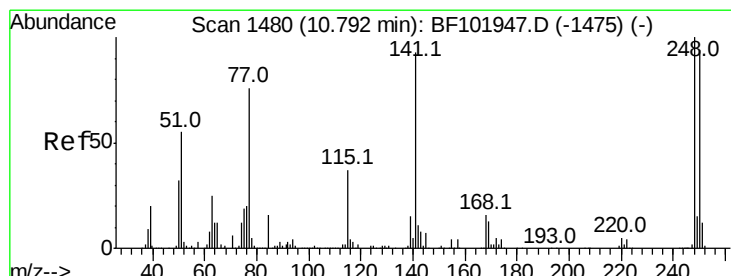
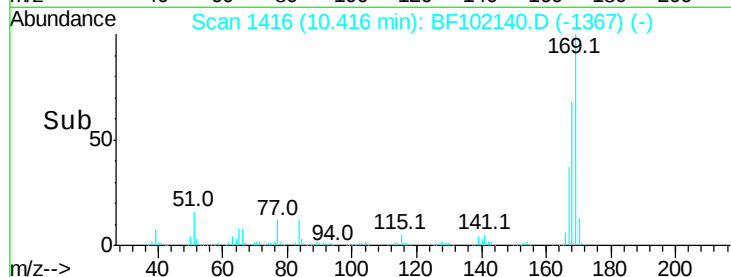
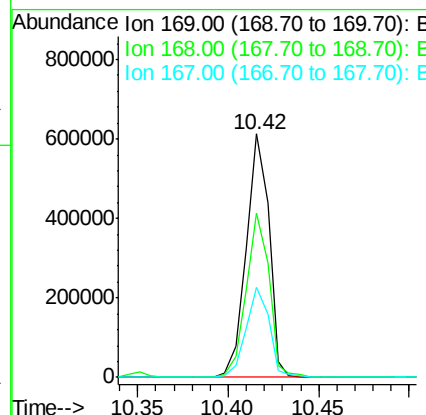
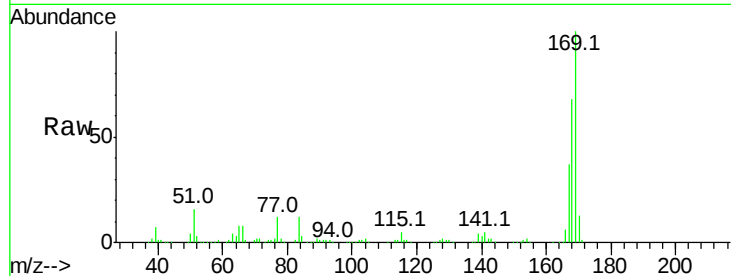




#65
 n-Nitrosodiphenylamine
 Concen: 42.744 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

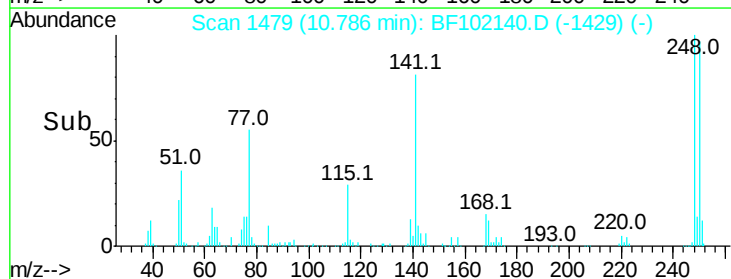
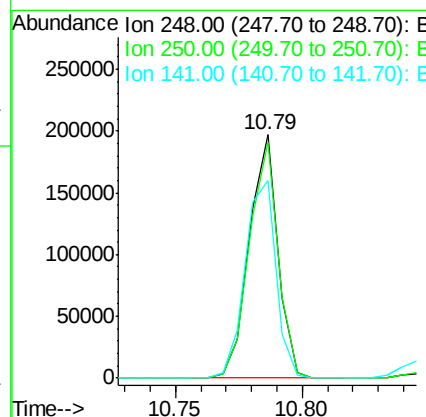
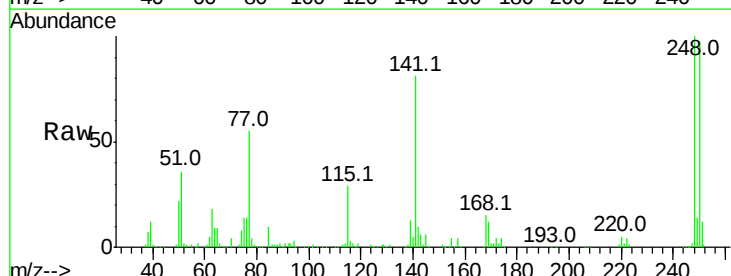
Instrument :
 BNA_F
 ClientSampleId :

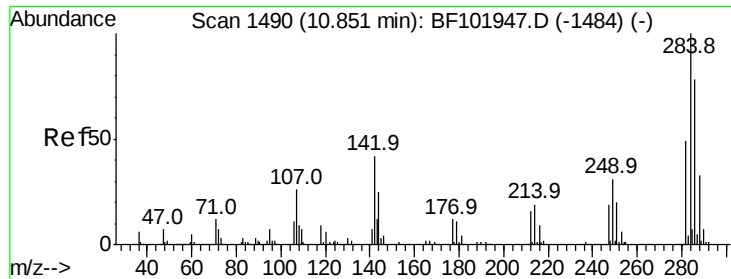
Tot Ion:169 Resp: 533846
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.4 81.6
 167 36.8 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.960 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

Tgt Ion:248 Resp: 154835
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.9 115.3
 141 81.3 74.4 111.6

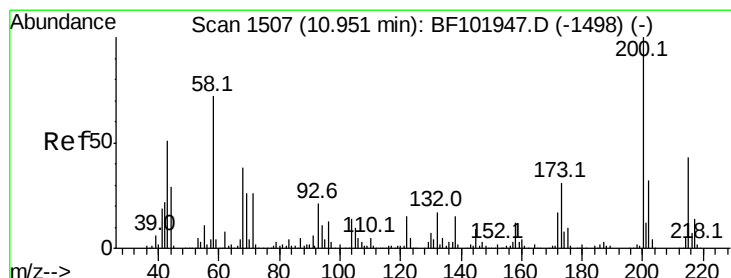
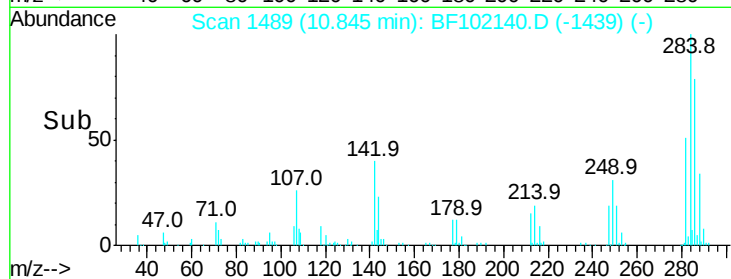
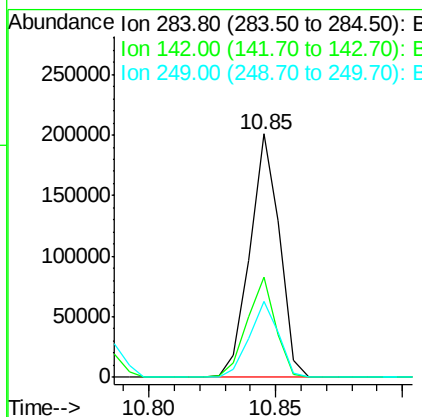
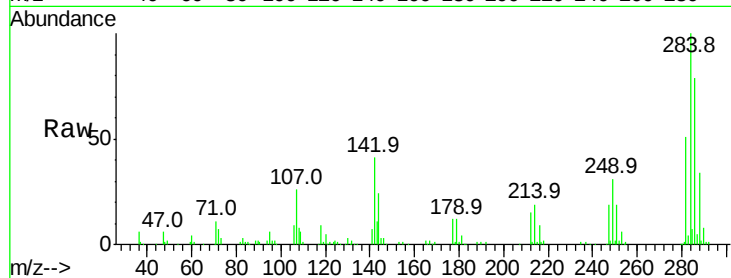




#67
Hexachlorobenzene
Concen: 42.363 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

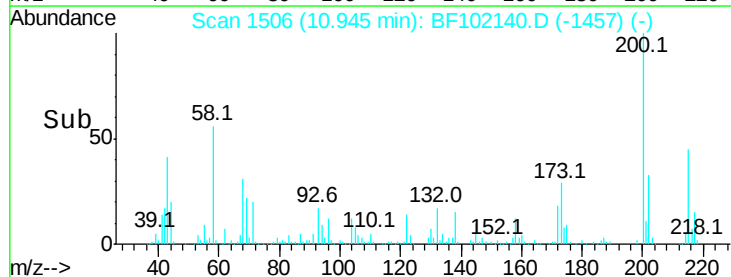
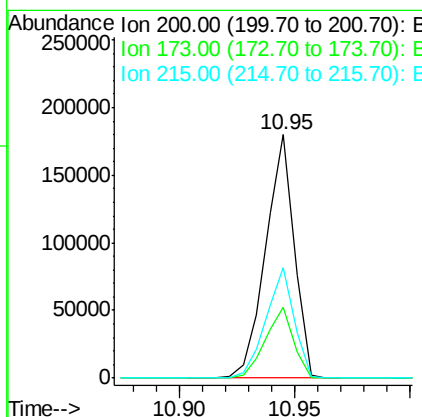
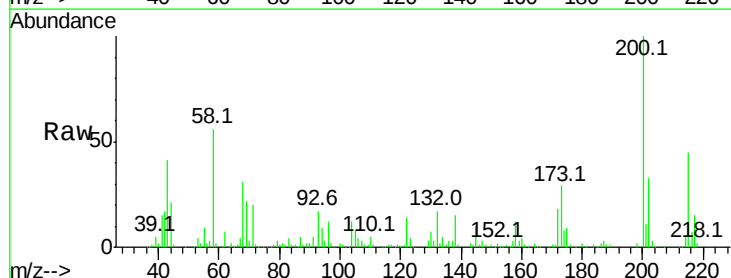
Instrument :
BNA_F
ClientSampled :

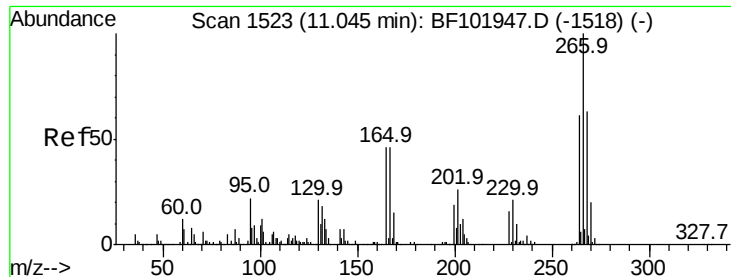
Tot Ion	Ratio	Lower	Upper
284	100		
142	41.2	34.6	52.0
249	31.0	24.8	37.2



#68
Atrazine
Concen: 42.939 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.0	8.6	48.6
215	45.3	25.1	65.1

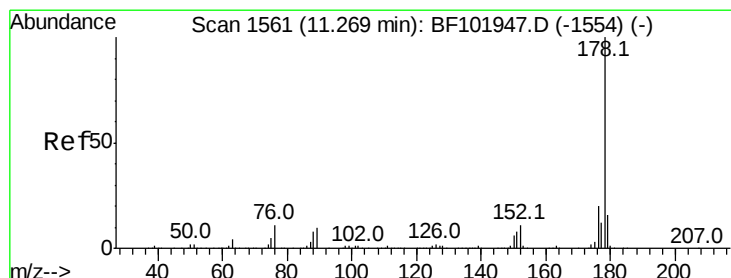
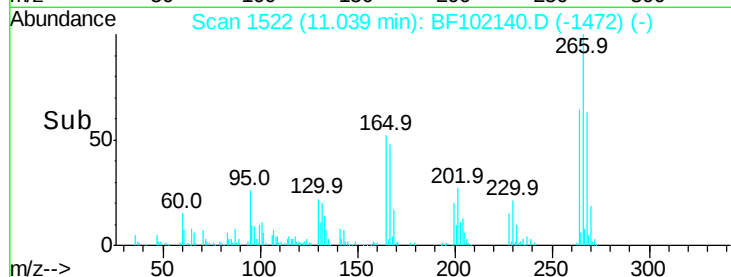
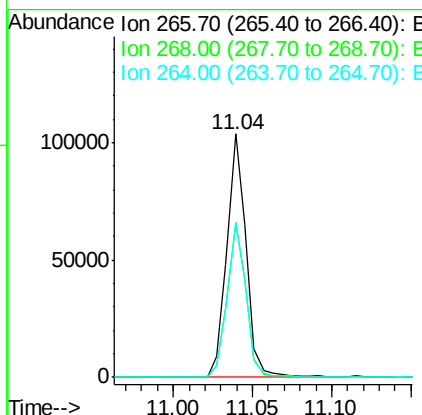
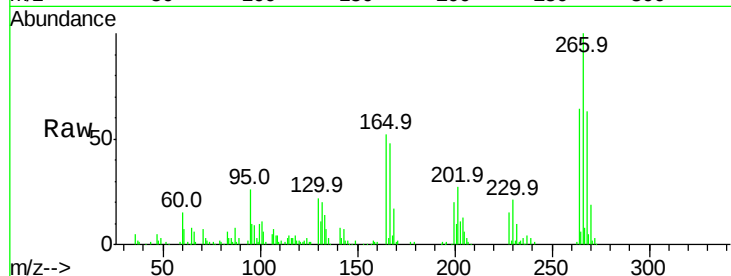




#69
 Pentachlorophenol
 Concen: 37.151 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

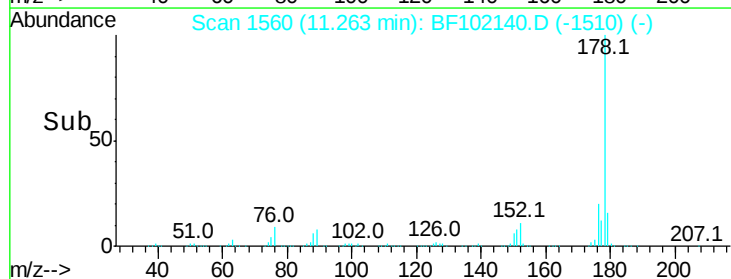
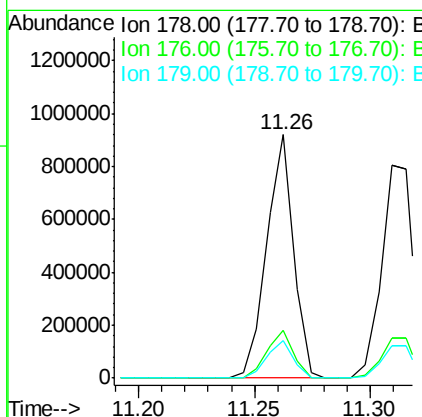
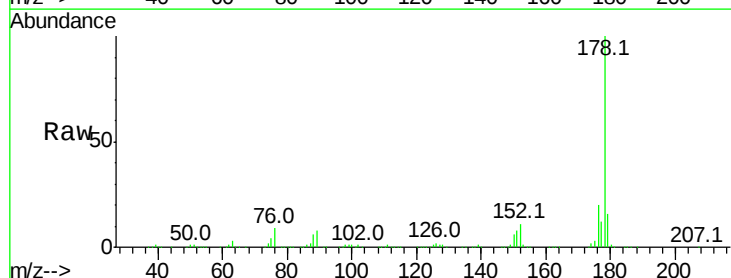
Instrument :
 BNA_F
 ClientSampled :

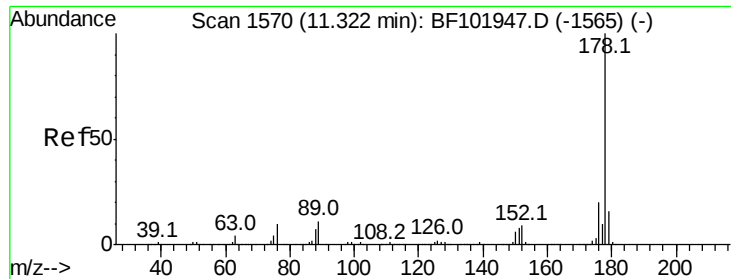
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.1	76.7
264	63.9	49.5	74.3



#70
 Phenanthrene
 Concen: 38.303 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.5	13.0	19.6

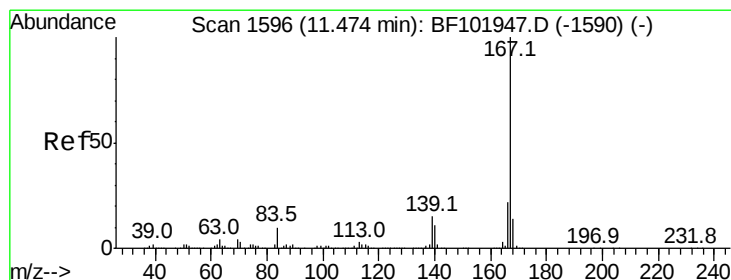
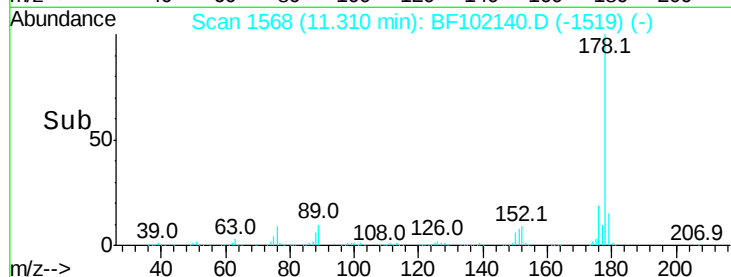
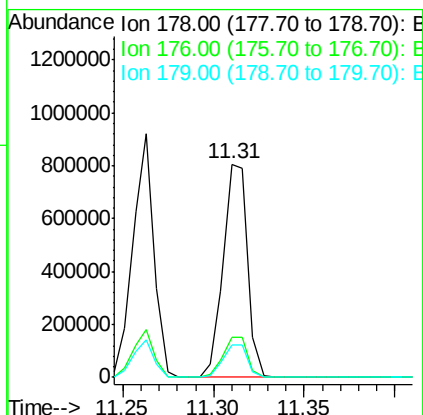
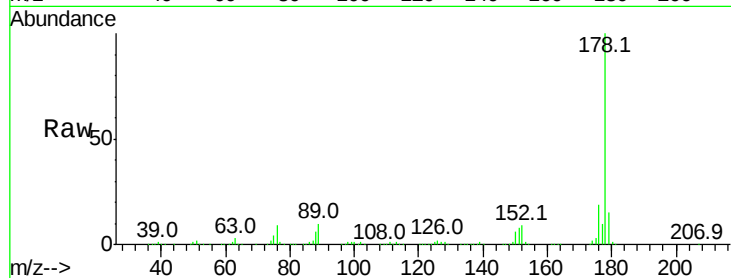




#71
 Anthracene
 Concen: 38.275 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

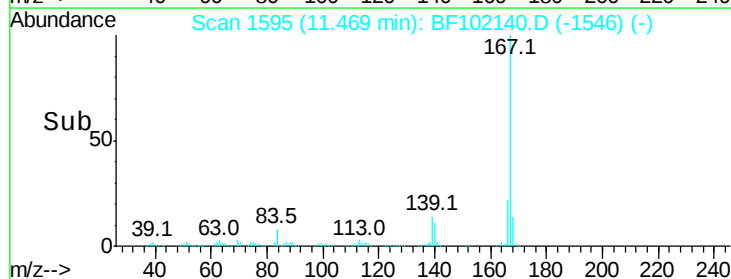
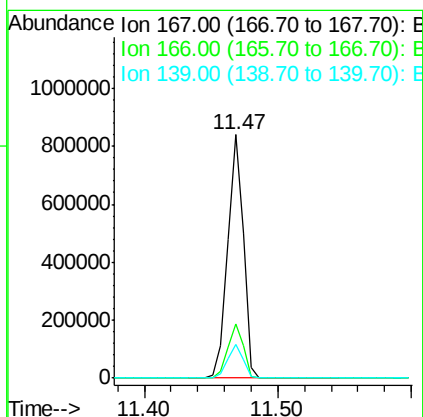
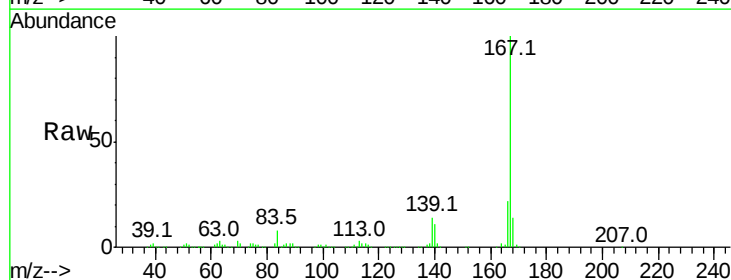
Instrument :
 BNA_F
 ClientSampleId :

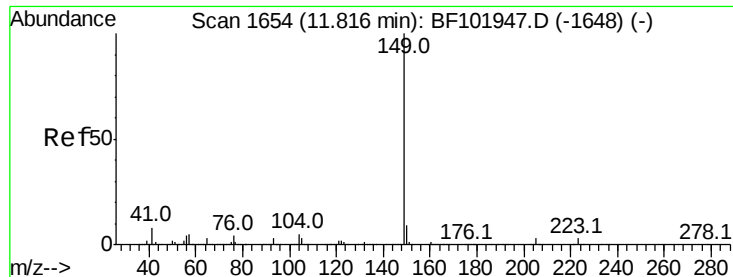
Tot Ion:178 Resp: 756269
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 36.260 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

Tgt Ion:167 Resp: 704216
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.868 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampleId :

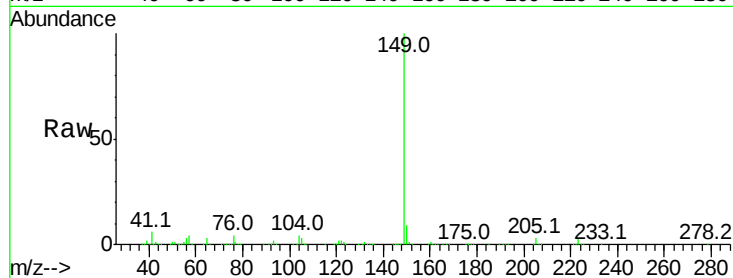
Tot Ion:149 Resp: 973767

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.4	3.8	5.8

149 100

150 9.3 7.8 11.6

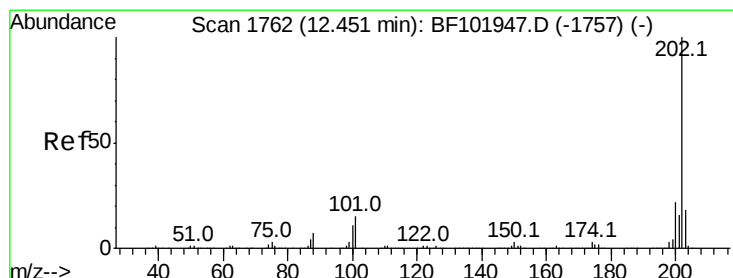
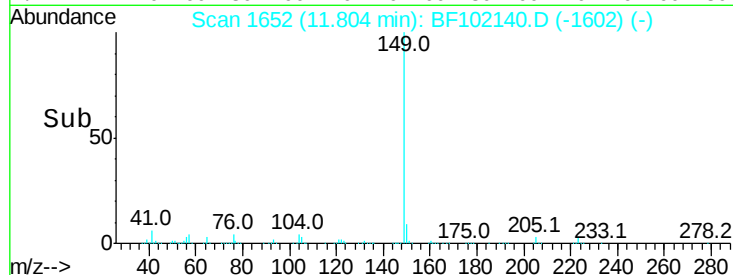
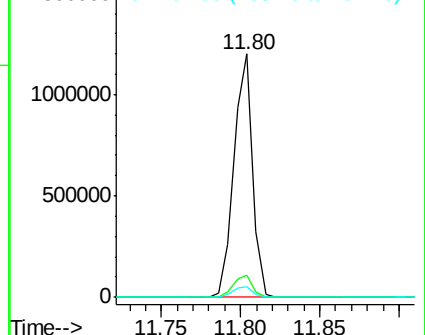
104 4.4 3.8 5.8



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: 33.663 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

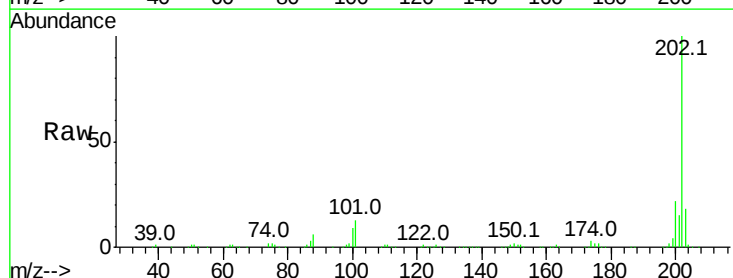
Tgt Ion:202 Resp: 645269

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	17.7	0.0	38.1

202 100

101 12.6 0.0 34.1

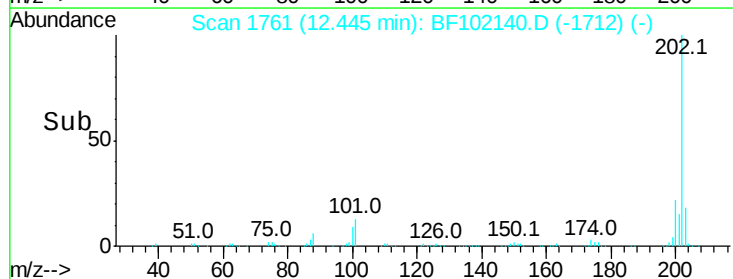
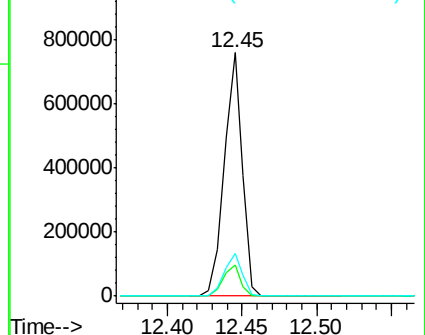
203 17.7 0.0 38.1

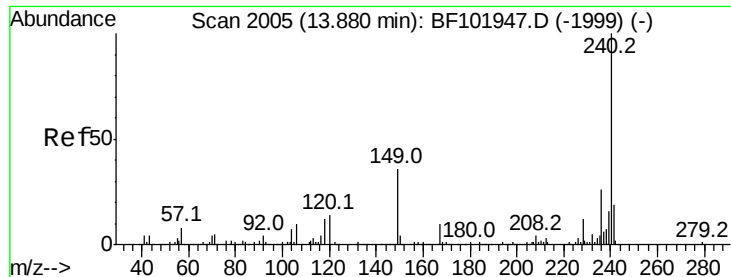


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2003

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampleId :

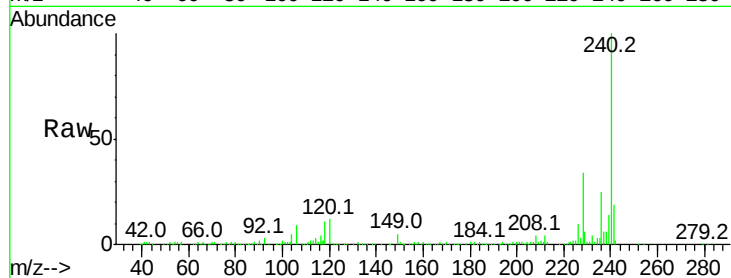
Tot Ion:240 Resp: 225466

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

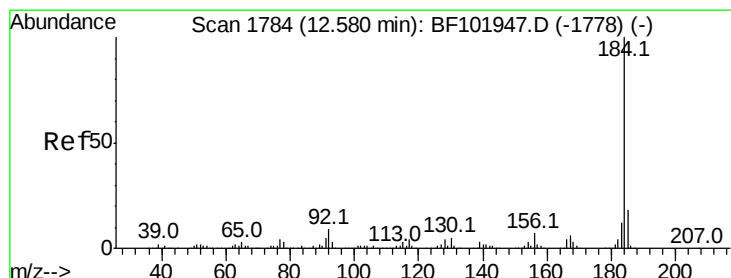
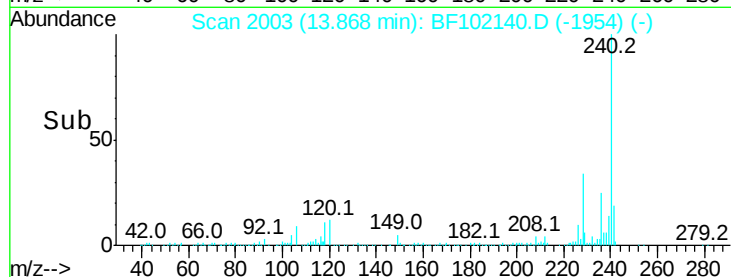
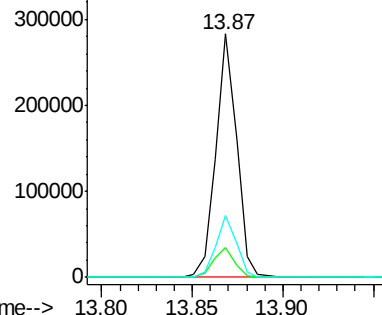
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.979 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

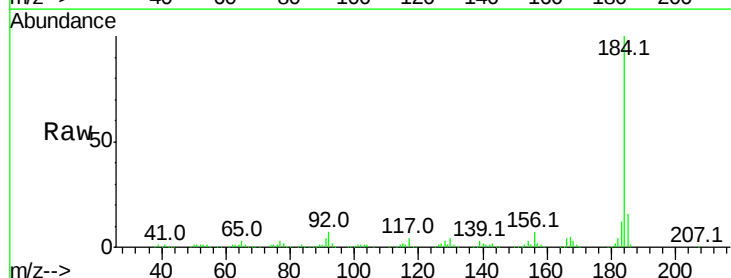
Tgt Ion:184 Resp: 282850

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

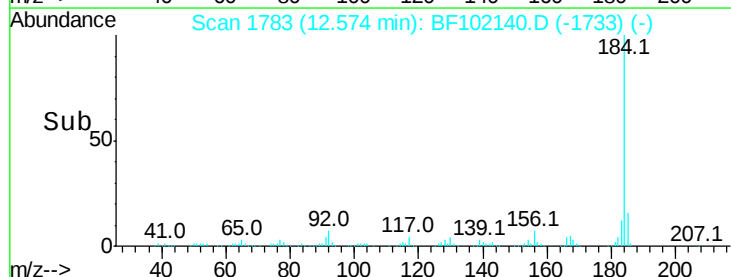
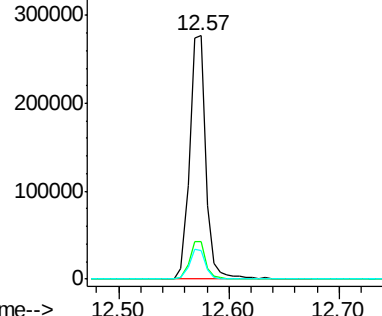
183 12.0 9.3 13.9

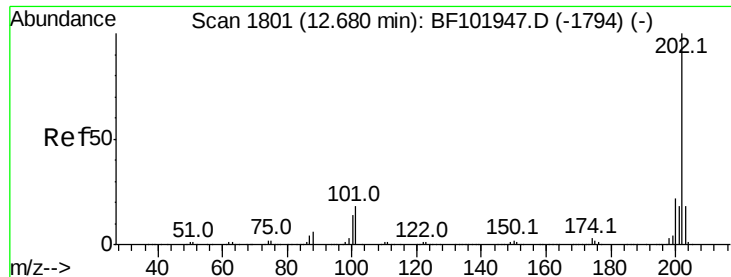


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

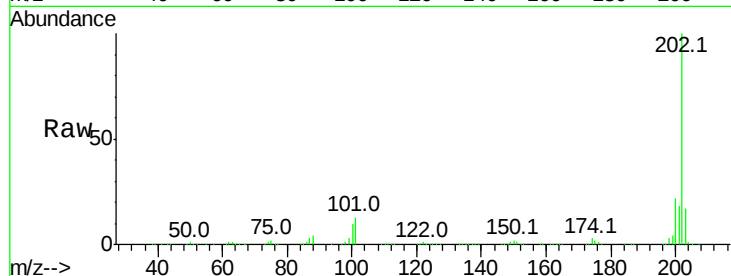




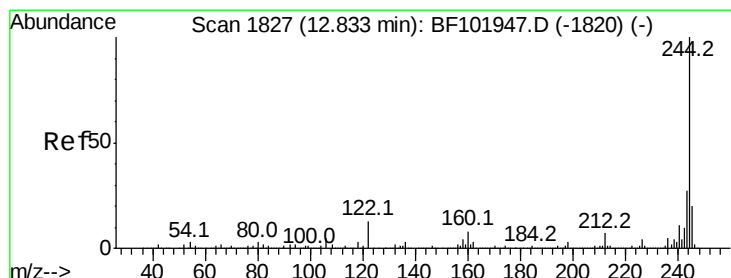
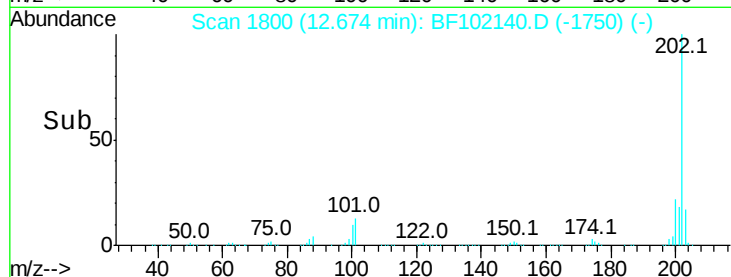
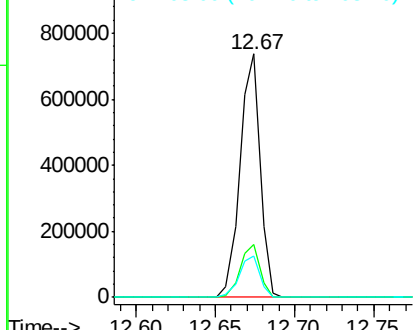
#77
Pvrene
Concen: 32.461 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 646940
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.2 14.3 21.5

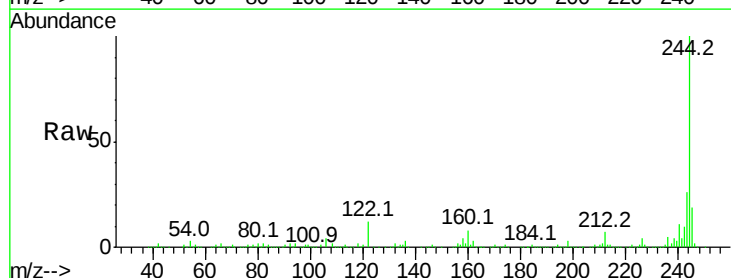


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

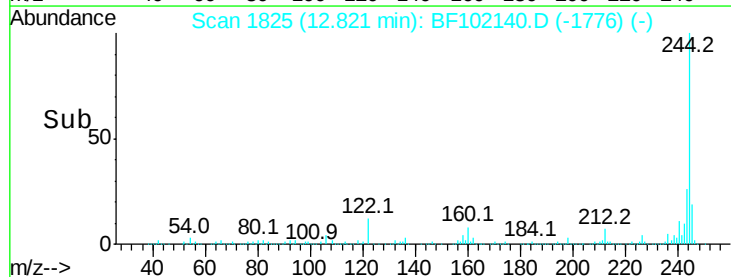
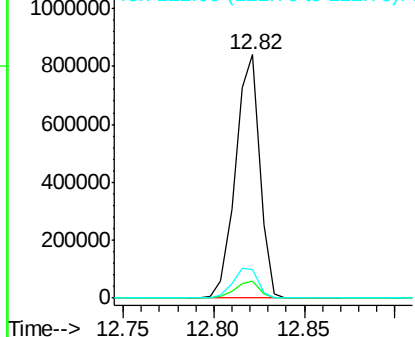


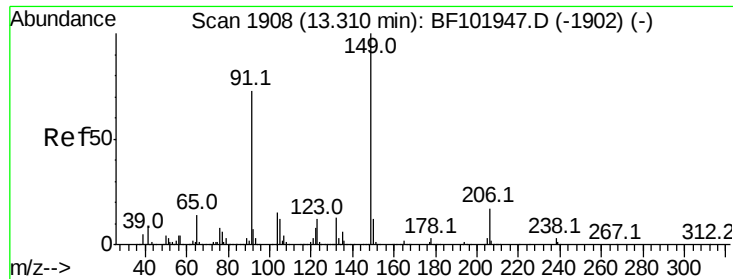
#78
Terphenyl-d14
Concen: 71.735 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

Tgt Ion:244 Resp: 778985
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 12.0 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

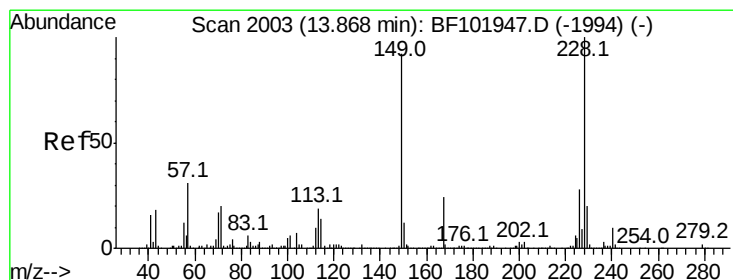
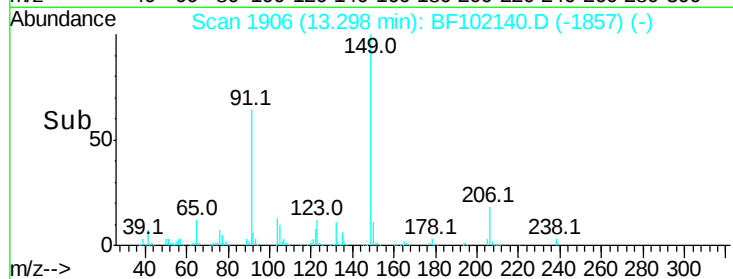
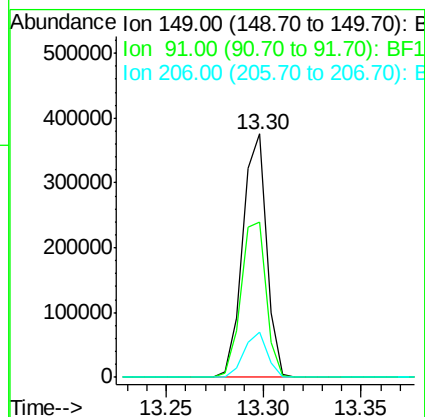
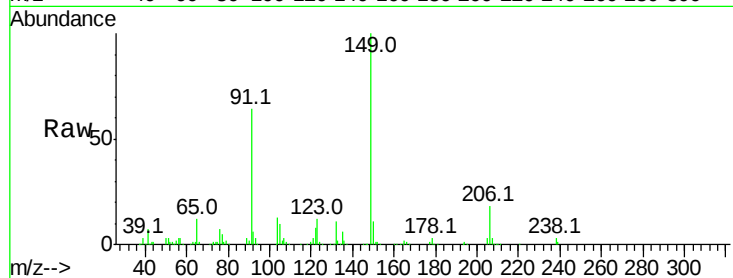




#79
Butylbenzylphthalate
Concen: 34.876 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

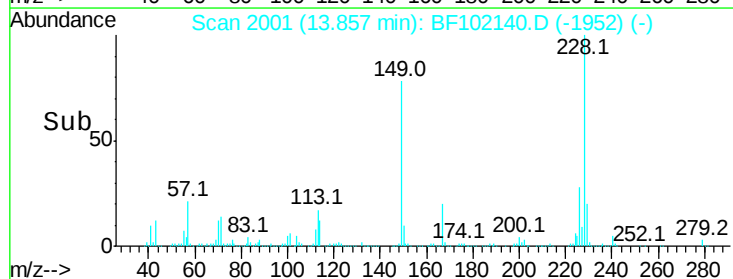
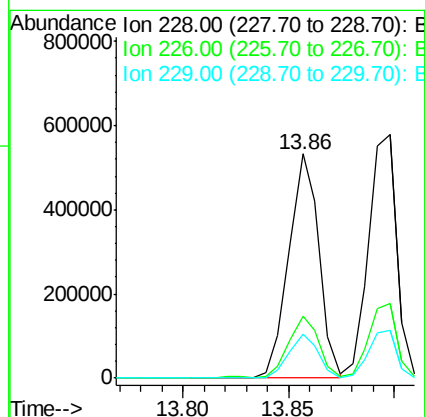
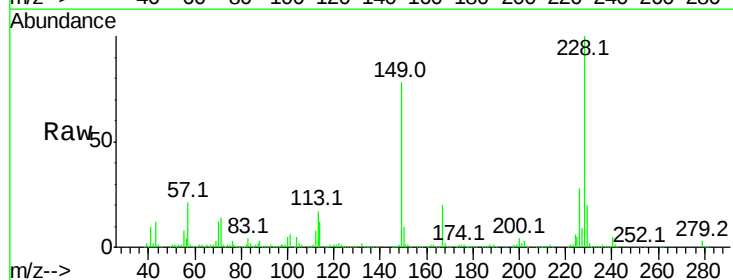
Instrument :
BNA_F
ClientSampled :

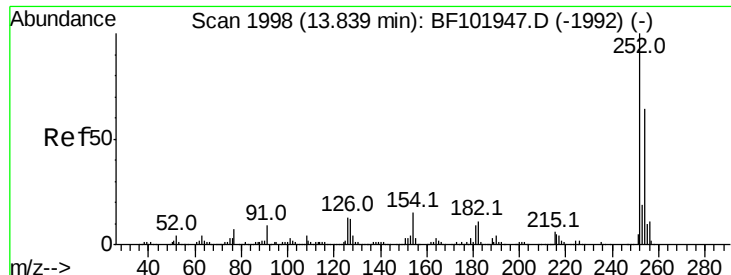
Tot Ion	Ratio	Lower	Upper
149	100		
91	63.7	56.8	85.2
206	18.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 36.812 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF102140.D
Acq: 17 Jan 2018 5:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.7	15.8	23.6

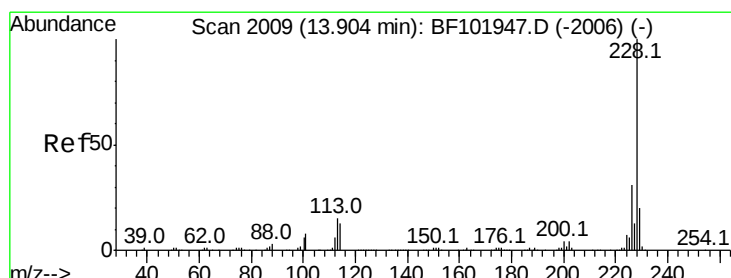
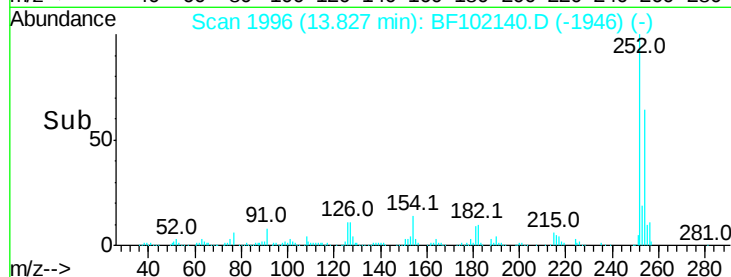
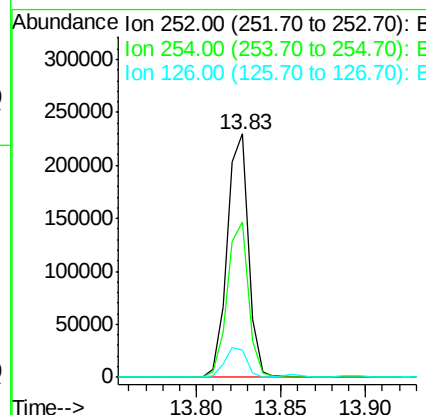
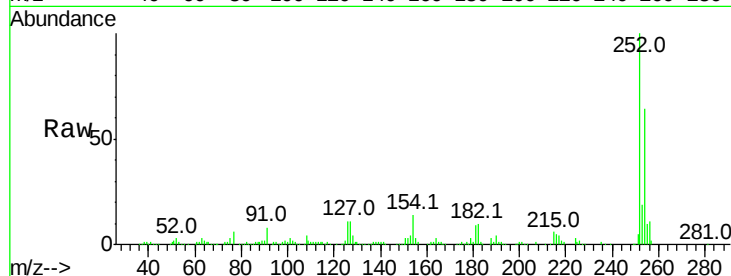




#81
 3,3'-Dichlorobenzidine
 Concen: 38.093 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

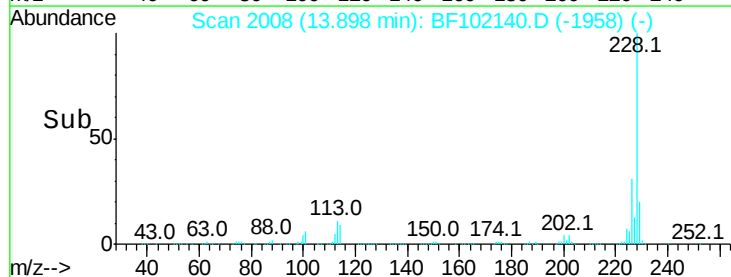
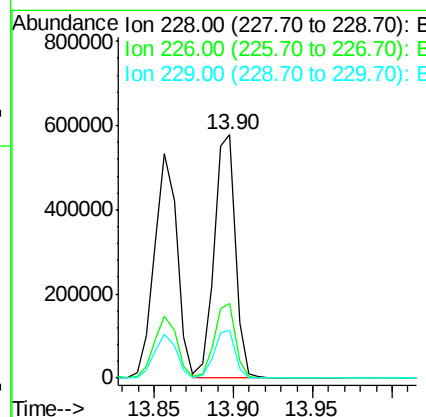
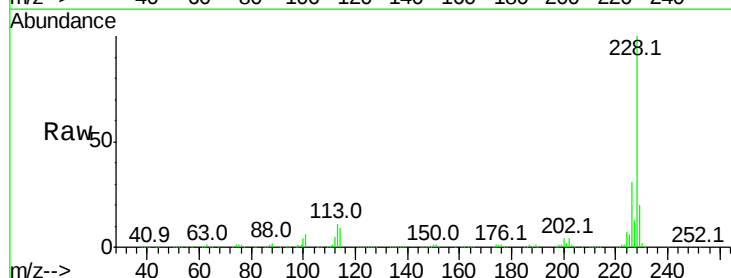
Instrument :
 BNA_F
 ClientSampleId :

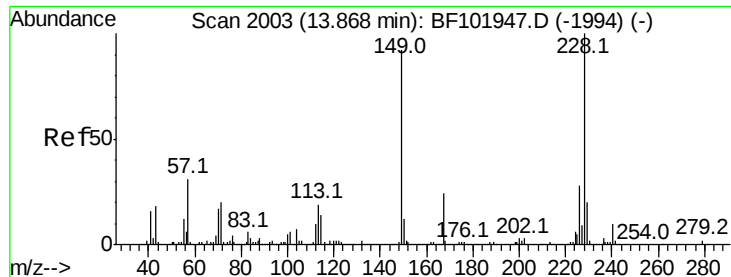
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	11.2	11.3	16.9



#82
 Chrysene
 Concen: 36.010 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.756 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampleId :

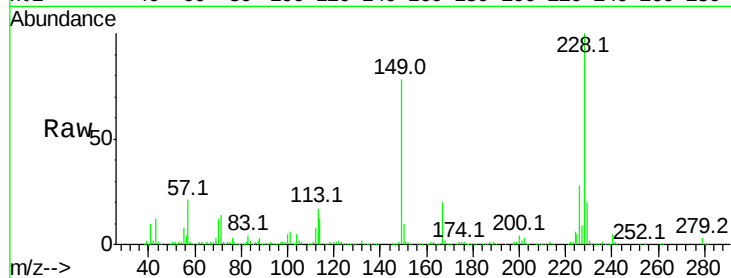
Tot Ion:149 Resp: 406639

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

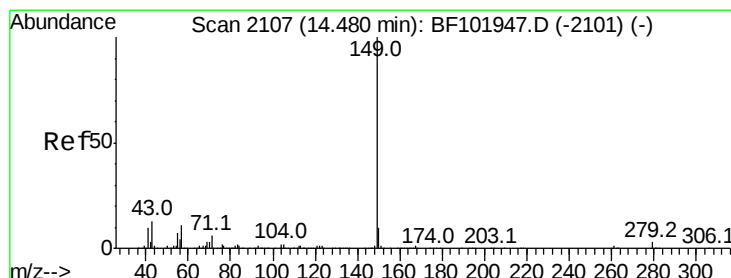
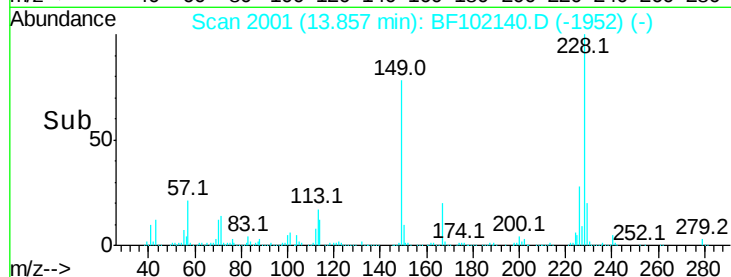
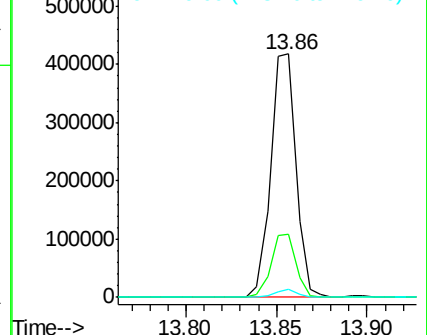
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.771 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

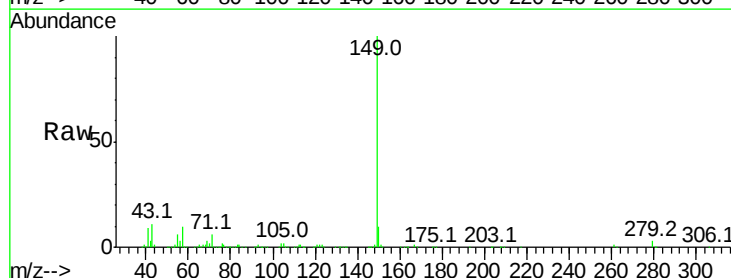
Tgt Ion:149 Resp: 675042

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

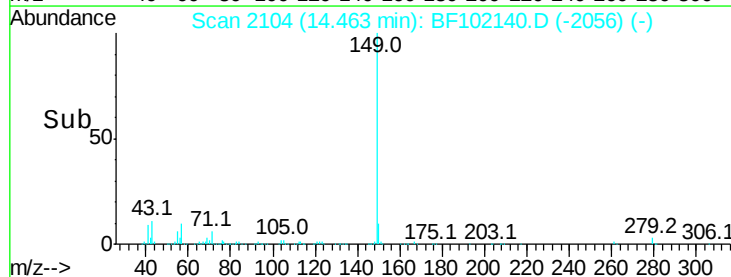
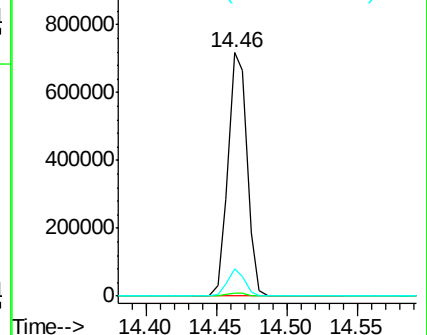
43 10.3 8.4 12.6

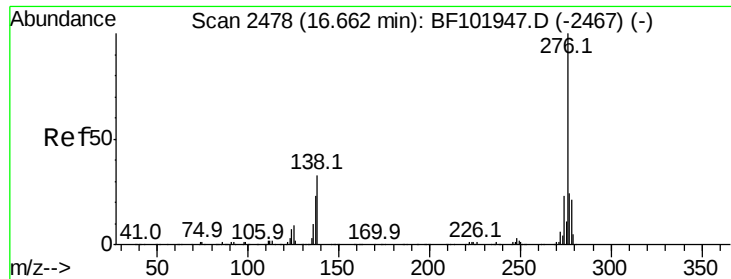


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

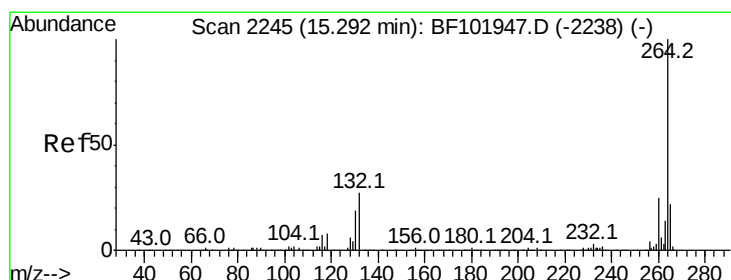
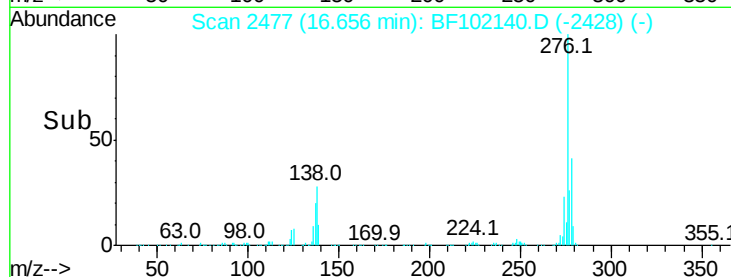
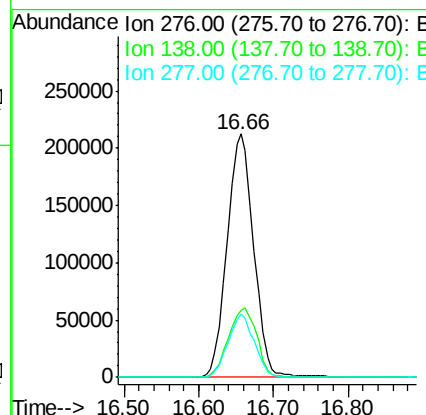
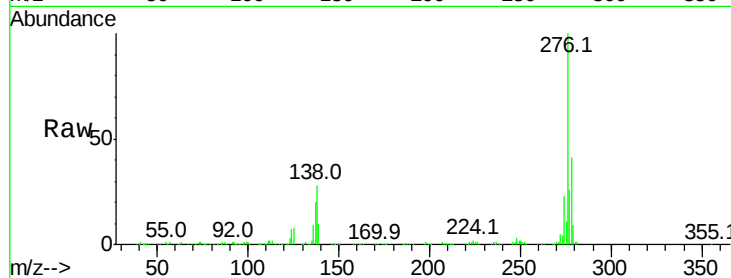




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.277 ng
 RT: 16.66 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

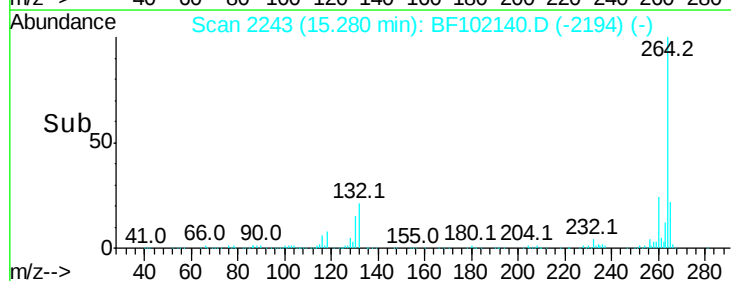
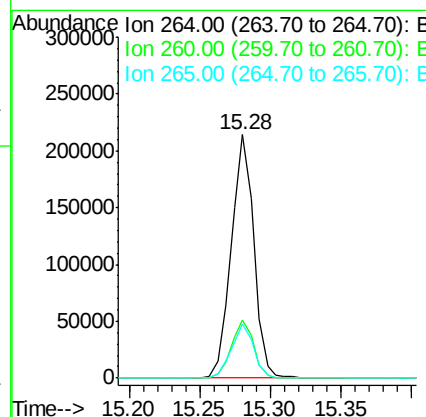
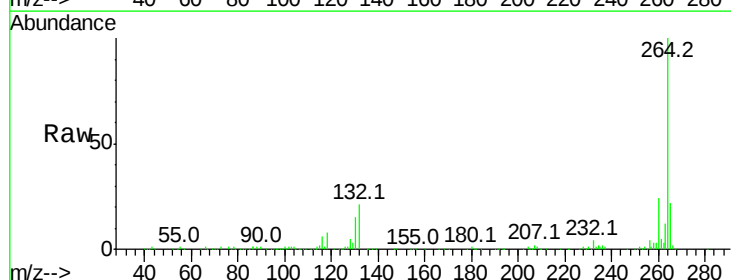
Instrument :
 BNA_F
 ClientSampled :

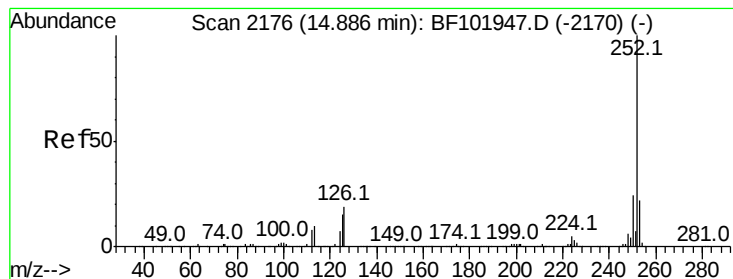
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.5	25.0	37.6
277	25.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102140.D
 Acq: 17 Jan 2018 5:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 36.355 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampleId :

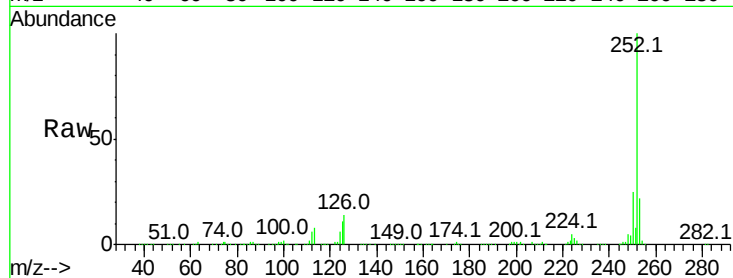
Tot Ion:252 Resp: 563607

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

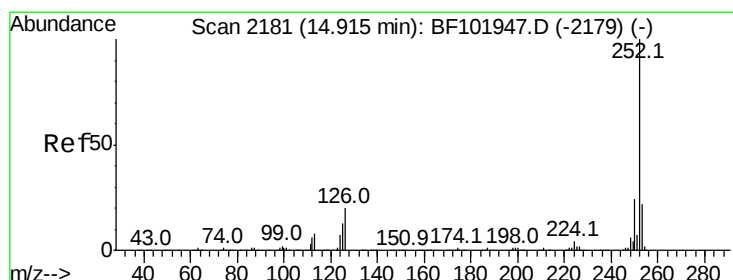
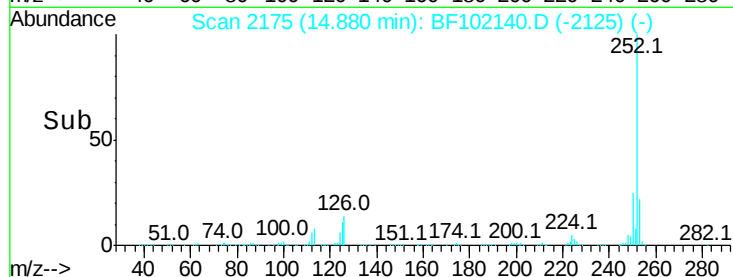
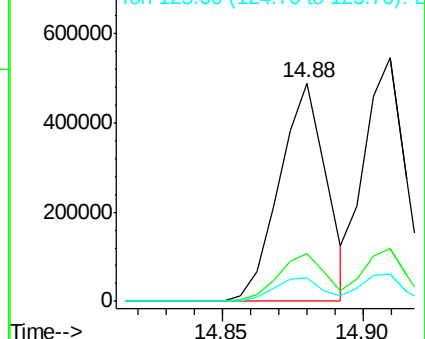
125 11.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.919 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

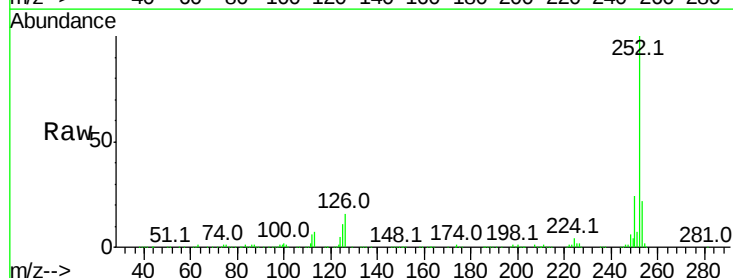
Tgt Ion:252 Resp: 552140

Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

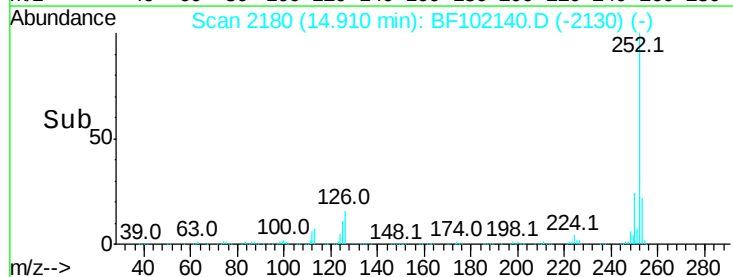
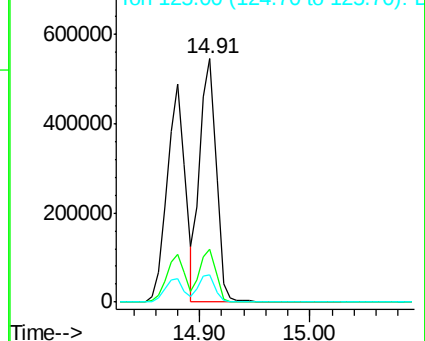
125 11.0 10.2 15.2

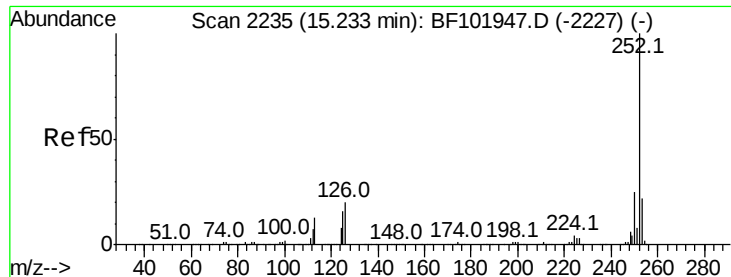


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.106 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampleId :

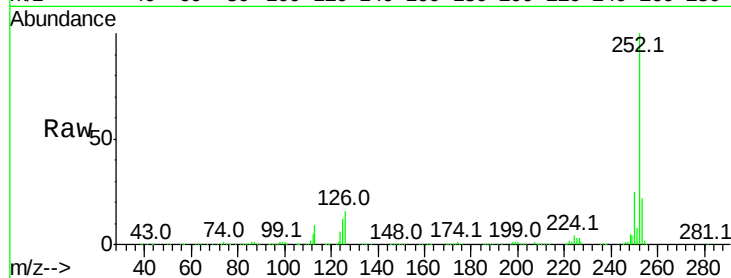
Tot Ion:252 Resp: 531600

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

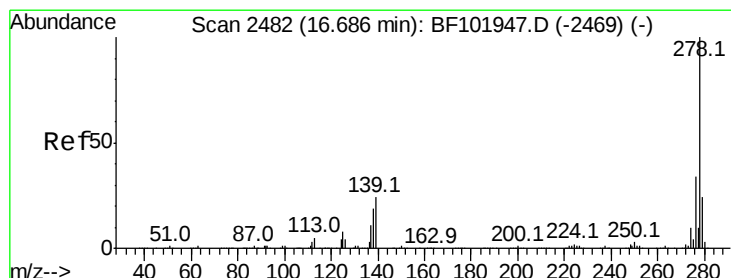
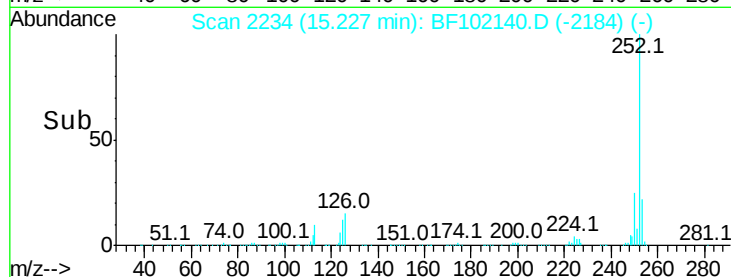
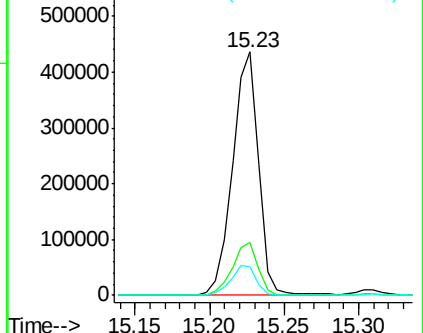
125 12.0 9.8 14.6



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: 39.955 ng

RT: 16.67 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

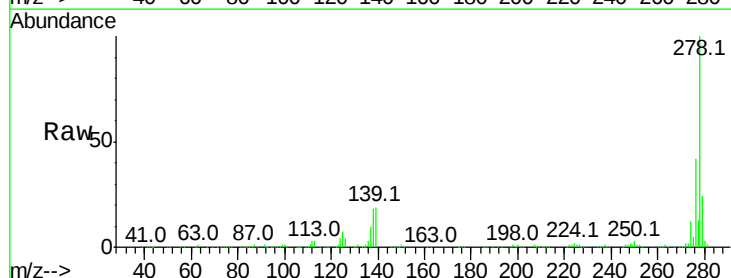
Tgt Ion:278 Resp: 444808

Ion Ratio Lower Upper

278 100

139 19.3 15.9 23.9

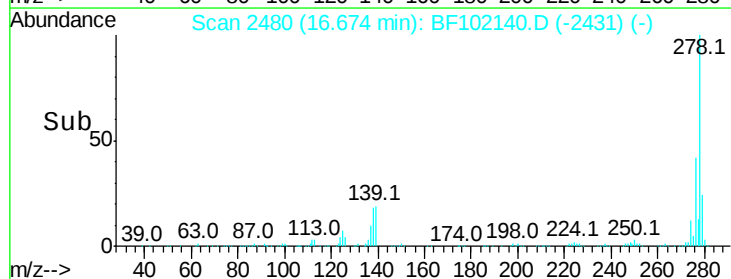
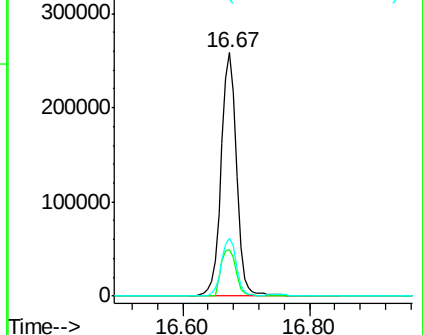
279 23.6 19.0 28.4

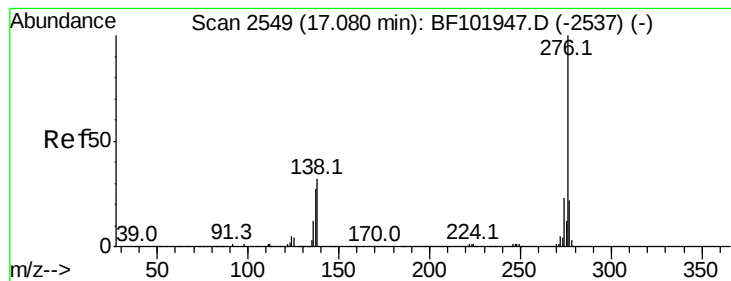


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.539 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BF102140.D

Acq: 17 Jan 2018 5:49

Instrument :

BNA_F

ClientSampleId :

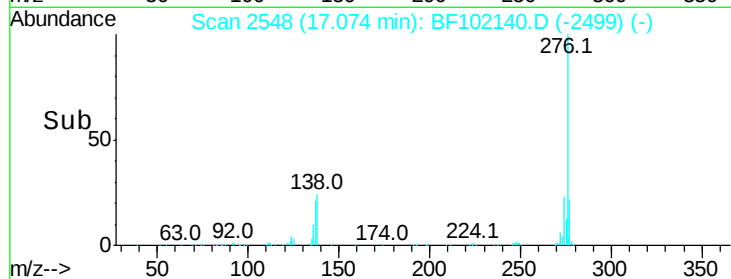
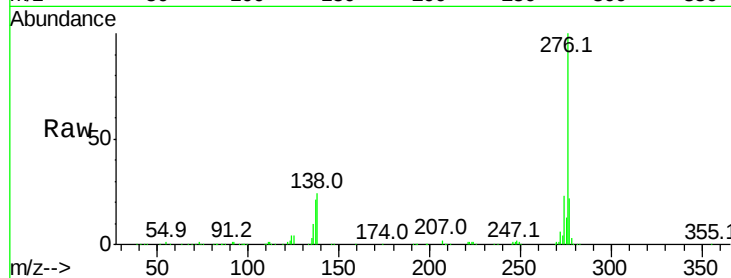
Tot Ion:276 Resp: 420980

Ion Ratio Lower Upper

276 100

277 21.6 17.9 26.9

138 23.6 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

