

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102153.D
 Acq On : 17 Jan 2018 16:45
 Operator : SJ/JU
 Sample : PB105727BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 18 01:06:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147740	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	616077	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	274554	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	437676	20.00	ng	0.00
75) Chrysene-d12	13.87	240	252543	20.00	ng	0.00
86) Perylene-d12	15.29	264	254679	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1205732	115.24	ng	0.02
7) Phenol-d6	6.37	99	1462933	117.19	ng	0.01
23) Nitrobenzene-d5	7.29	82	926800	88.40	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	317396	132.47	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1641732	93.42	ng	0.00
78) Terphenyl-d14	12.83	244	1213943	99.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	163114	31.240	ng	95
3) Pyridine	3.18	79	456467	32.013	ng	92
4) n-Nitrosodimethylamine	3.14	42	230605	38.620	ng	90
6) Aniline	6.39	93	440944	25.065	ng	99
8) 2-Chlorophenol	6.51	128	446863	42.586	ng	99
9) Benzaldehyde	6.27	77	60037	6.927	ng	97
10) Phenol	6.38	94	520358	36.886	ng	79
11) bis(2-Chloroethyl)ether	6.47	93	407023	37.907	ng	100
12) 1,3-Dichlorobenzene	6.66	146	473590	39.152	ng	99
13) 1,4-Dichlorobenzene	6.74	146	482013	39.934	ng	99
14) 1,2-Dichlorobenzene	6.89	146	449617	40.245	ng	99
15) Benzyl Alcohol	6.87	79	367742	40.274	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	686780	34.697	ng	99
17) 2-Methylphenol	6.99	107	371927	39.291	ng	98
18) Hexachloroethane	7.23	117	174502	41.055	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	303946	37.155	ng	95
20) 3+4-Methylphenols	7.14	107	435906	38.353	ng	# 70
22) Acetophenone	7.14	105	613583	41.336	ng	# 88
24) Nitrobenzene	7.31	77	461274	40.946	ng	99
25) Isophorone	7.55	82	843659	40.726	ng	98
26) 2-Nitrophenol	7.62	139	255043	54.090	ng	99
27) 2,4-Dimethylphenol	7.67	122	401770	45.625	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	526200	42.069	ng	100
29) 2,4-Dichlorophenol	7.87	162	376753	45.058	ng	96
30) 1,2,4-Trichlorobenzene	7.95	180	371468	42.472	ng	99
31) Naphthalene	8.03	128	1268135	41.194	ng	99
32) Benzoic acid	7.81	122	284846	42.658	ng	97
33) 4-Chloroaniline	8.07	127	216873	16.506	ng	99
34) Hexachlorobutadiene	8.14	225	198935	42.971	ng	98
35) Caprolactam	8.47	113	83069	28.939	ng	88
36) 4-Chloro-3-methylphenol	8.57	107	402153	43.938	ng	99
37) 2-Methylnaphthalene	8.72	142	869724	42.915	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	352094	45.330	ng	99
40) Hexachlorocyclopentadiene	8.87	237	290062	68.284	ng	97

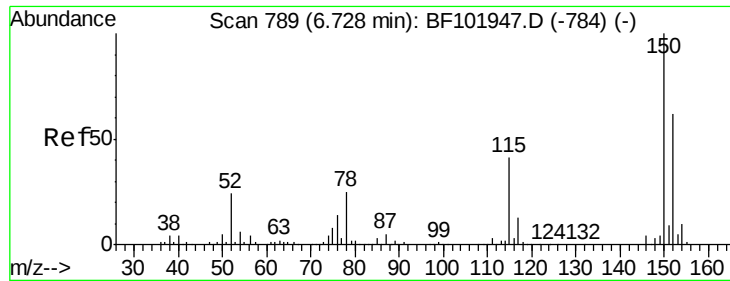
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102153.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	245743	45.911	nq	97
43) 2,4,5-Trichlorophenol	9.05	196	258501	42.730	nq	99
45) 1,1'-Biphenyl	9.19	154	997459	41.102	nq	98
46) 2-Chloronaphthalene	9.21	162	765100	40.657	nq	99
47) 2-Nitroaniline	9.31	65	247513	43.908	nq	96
48) Acenaphthylene	9.62	152	1153930	38.639	nq	99
49) Dimethylphthalate	9.49	163	920117	41.776	nq	100
50) 2,6-Dinitrotoluene	9.55	165	204659	46.519	nq	99
51) Acenaphthene	9.79	154	682182	37.634	nq	100
52) 3-Nitroaniline	9.72	138	143304	25.809	nq	97
53) 2,4-Dinitrophenol	9.83	184	138837	82.298	nq	# 24
54) Dibenzofuran	9.97	168	1019623	40.986	nq	99
55) 4-Nitrophenol	9.89	139	343078	82.912	nq	95
56) 2,4-Dinitrotoluene	9.96	165	255377	46.312	nq	96
57) Fluorene	10.31	166	765796	44.529	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	197905	45.950	nq	98
59) Diethylphthalate	10.19	149	886315	40.455	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	339020	46.295	nq	96
61) 4-Nitroaniline	10.33	138	207414	39.362	nq	96
62) Azobenzene	10.46	77	811469	37.227	nq	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	90133	39.107	nq	87
65) n-Nitrosodiphenylamine	10.42	169	714595	43.602	nq	100
66) 4-Bromophenyl-phenylether	10.79	248	211421	45.742	nq	91
67) Hexachlorobenzene	10.85	284	220441	43.687	nq	96
68) Atrazine	10.95	200	230867	48.743	nq	100
69) Pentachlorophenol	11.05	266	231740	75.316	nq	98
70) Phenanthrene	11.27	178	1042676	40.784	nq	98
71) Anthracene	11.32	178	1083046	41.770	nq	100
72) Carbazole	11.47	167	992264	38.935	nq	99
73) Di-n-butylphthalate	11.80	149	1315772	42.082	nq	99
74) Fluoranthene	12.45	202	932958	37.090	nq	97
76) Benzidine	12.57	184	478432	39.232	nq	98
77) Pyrene	12.68	202	906013	40.586	nq	99
79) Butylbenzylphthalate	13.30	149	455057	44.419	nq	100
80) Benzo(a)anthracene	13.86	228	641683	39.824	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	221999	37.210	nq	99
82) Chrysene	13.90	228	654581	38.960	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	543308	46.230	nq	99
84) Di-n-octyl phthalate	14.47	149	872973	44.764	nq	100
85) Indeno(1,2,3-cd)pyrene	16.67	276	711548	58.187	nq	99
87) Benzo(b)fluoranthene	14.89	252	662544	39.898	nq	100
88) Benzo(k)fluoranthene	14.92	252	620642	38.743	nq	98
89) Benzo(a)pyrene	15.23	252	636725	42.610	nq	99
90) Dibenzo(a,h)anthracene	16.69	278	587436	49.261	nq	97
91) Benzo(g,h,i)perylene	17.09	276	579082	48.208	nq	97

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

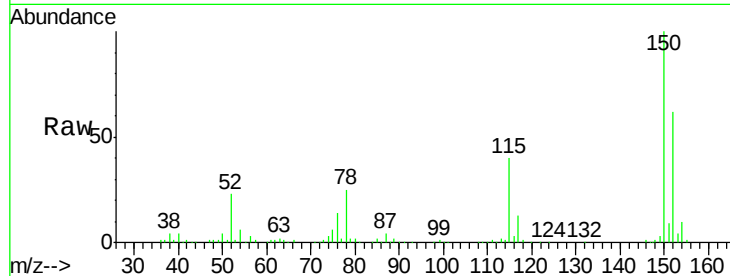


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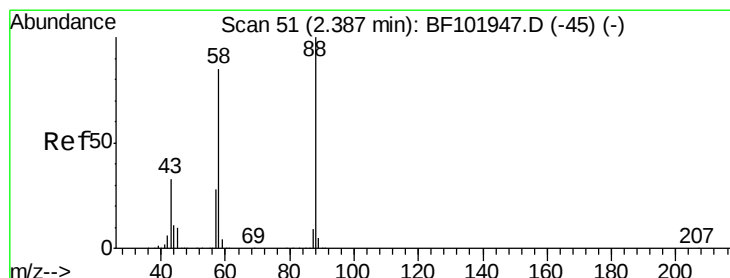
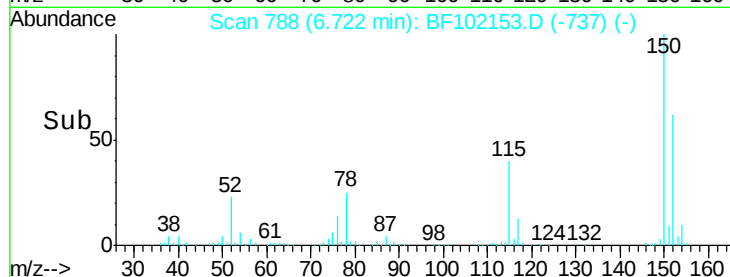
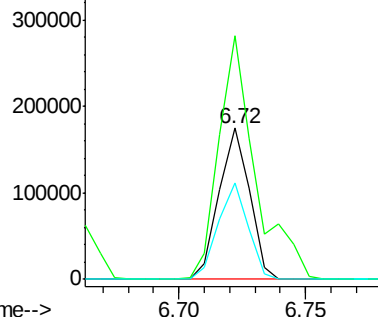
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147740
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 63.8 50.1 75.1



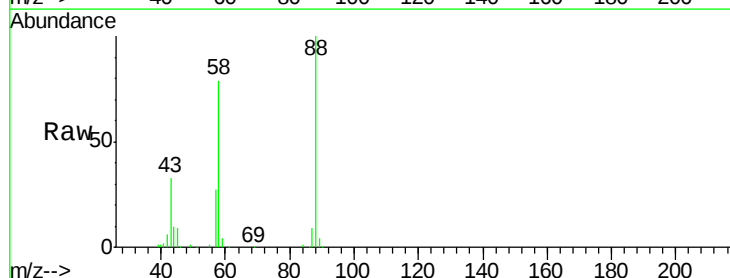
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



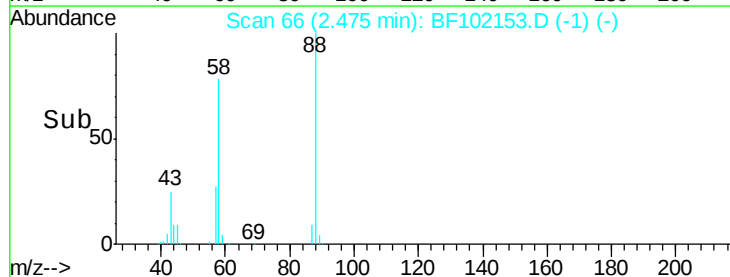
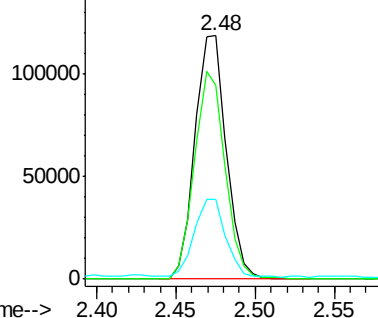
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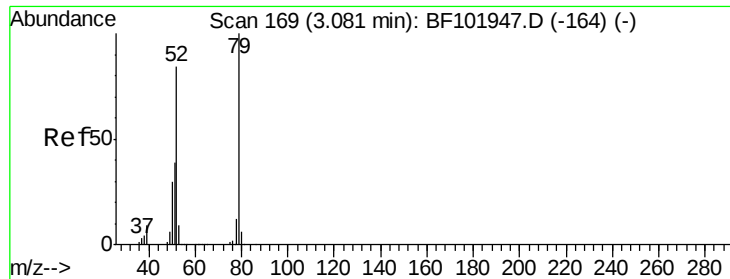
1,4-Dioxane
Concen: 31.240 ng
RT: 2.48 min Scan# 66
Delta R.T. 0.09 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion: 88 Resp: 163114
Ion Ratio Lower Upper
88 100
58 83.8 62.6 93.8
43 32.0 24.6 37.0



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





#3

Pvridine

Concen: 32.013 ng

RT: 3.18 min Scan# 185

Delta R.T. 0.09 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

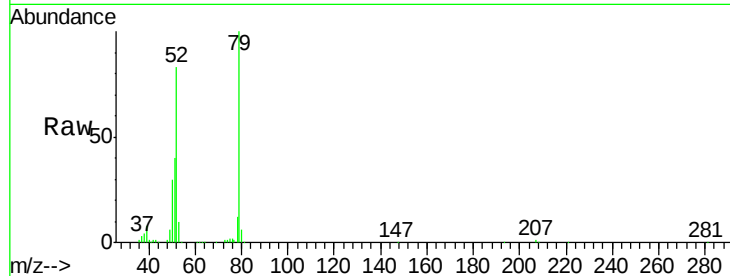
Tot Ion: 79 Resp: 456467

Ion Ratio Lower Upper

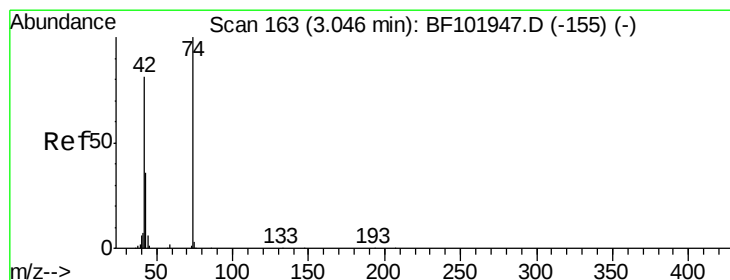
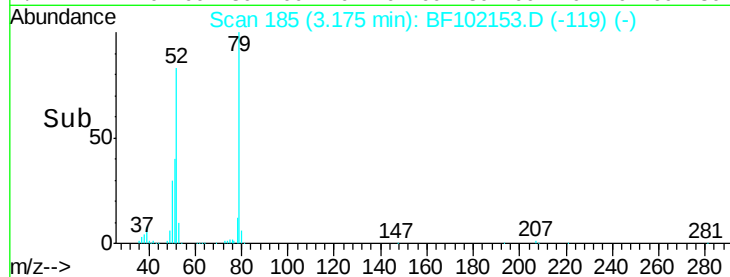
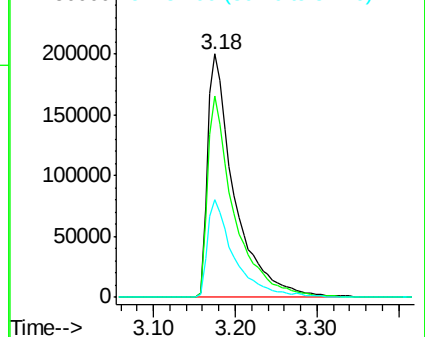
79 100

52 82.5 59.8 89.6

51 40.2 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: 38.620 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.09 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

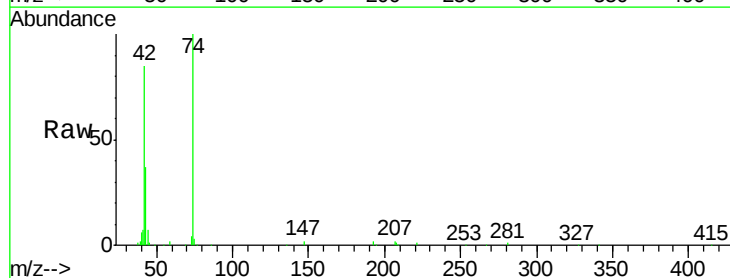
Tgt Ion: 42 Resp: 230605

Ion Ratio Lower Upper

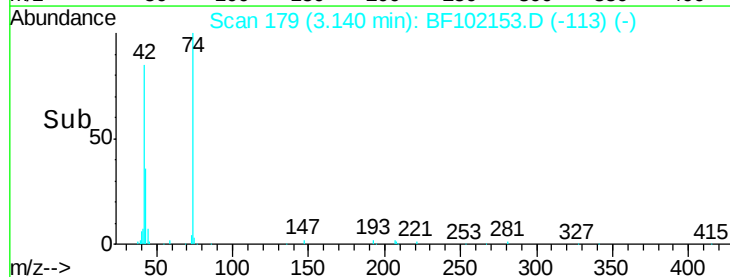
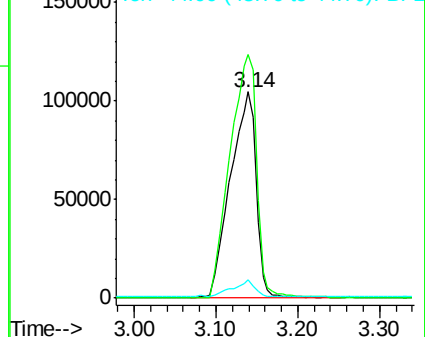
42 100

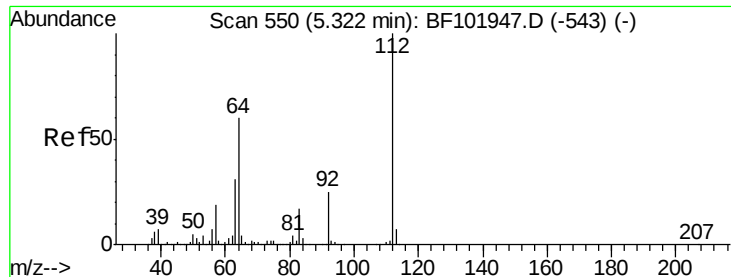
74 118.0 104.9 157.3

44 8.7 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: 115.242 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampled :

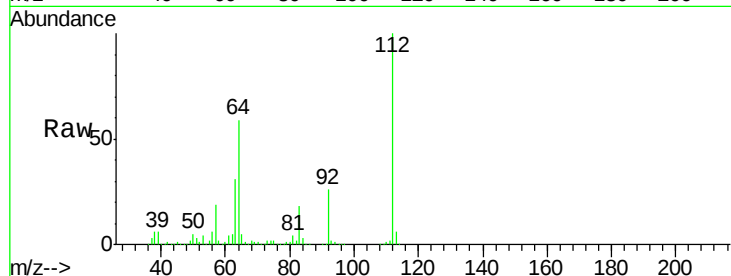
Tot Ion:112 Resp: 1205732

Ion Ratio Lower Upper

112 100

64 58.6 47.9 71.9

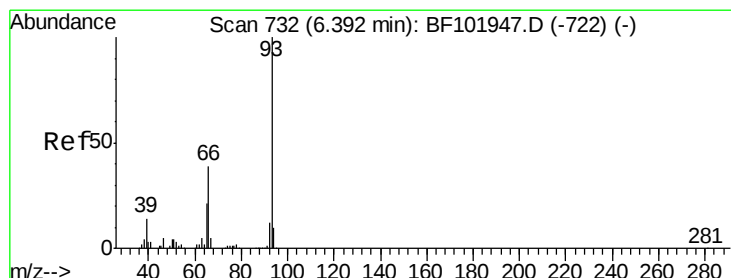
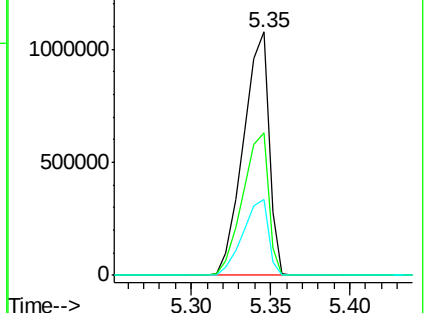
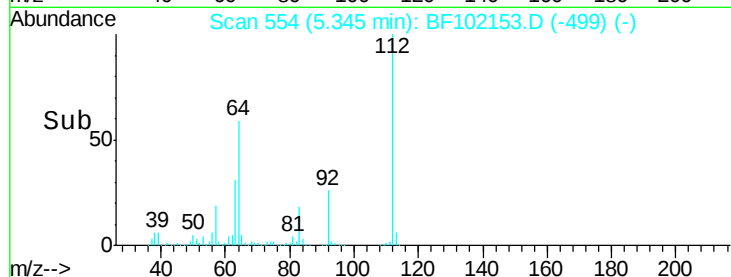
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.065 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

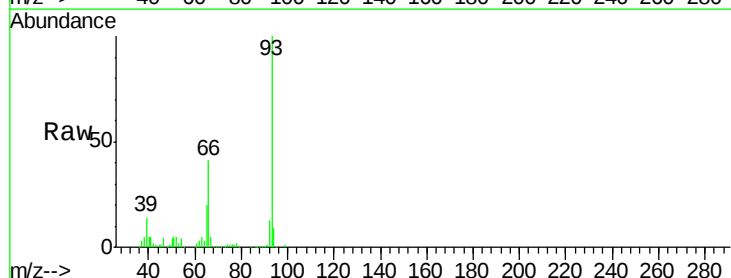
Tgt Ion: 93 Resp: 440944

Ion Ratio Lower Upper

93 100

66 40.5 32.2 48.2

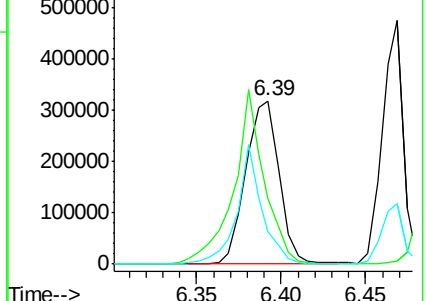
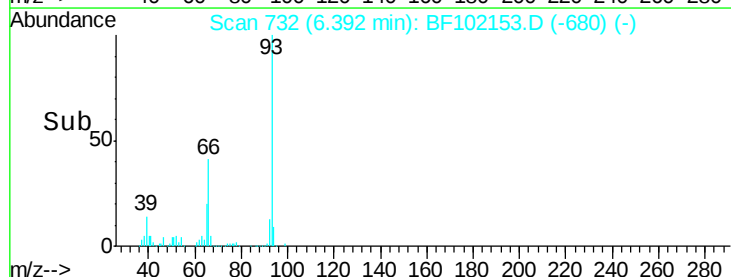
65 20.1 16.4 24.6

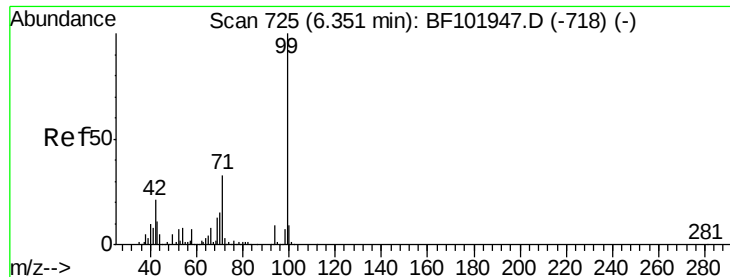


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.195 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

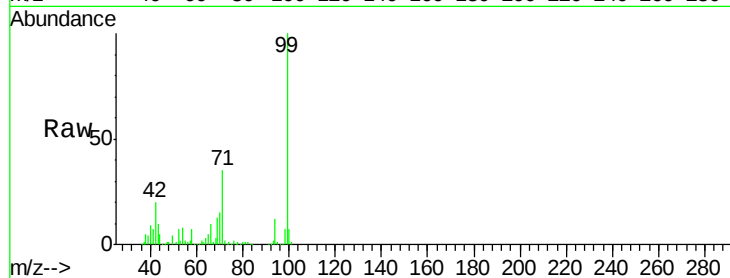
Tot Ion: 99 Resp: 1462933

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

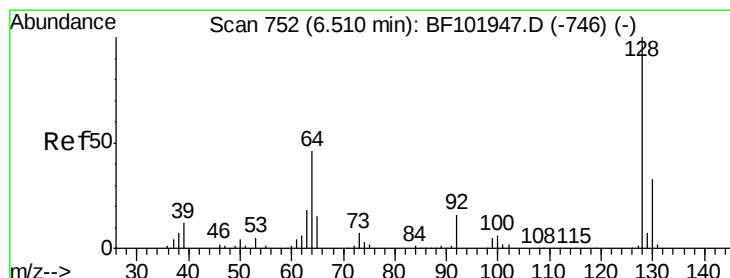
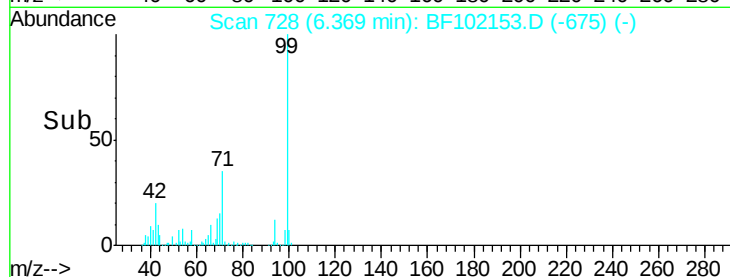
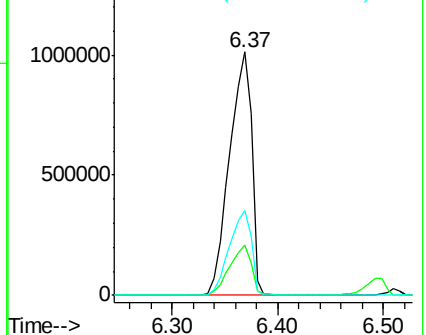
71 34.9 25.4 38.0



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: 42.586 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

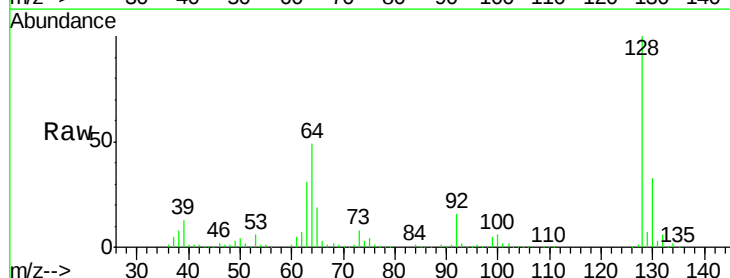
Tgt Ion: 128 Resp: 446863

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

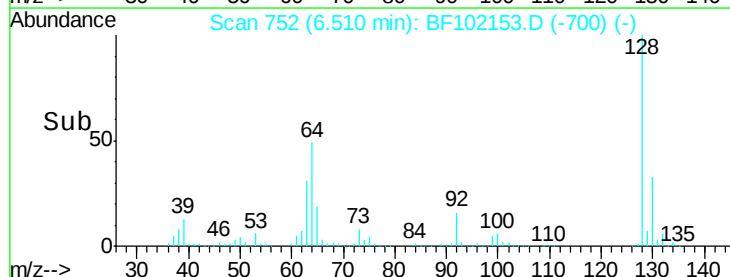
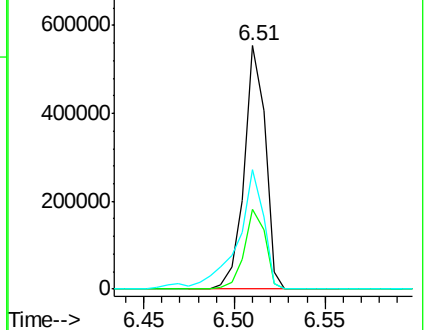
64 49.2 29.4 69.4

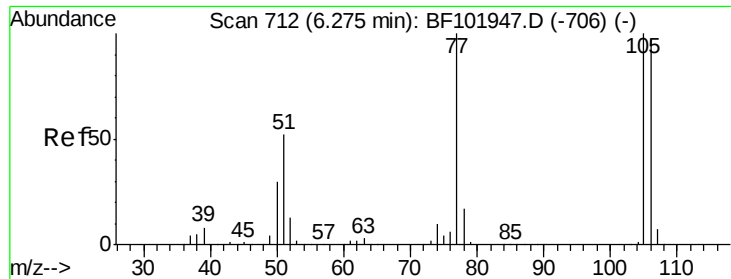


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

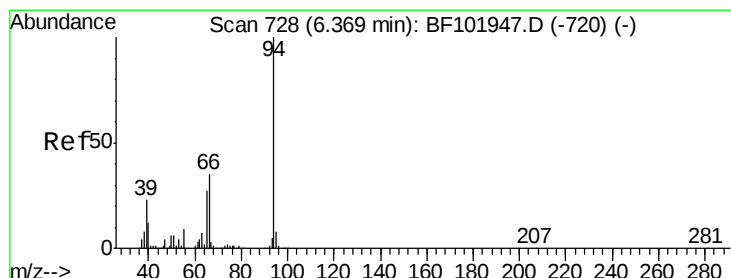
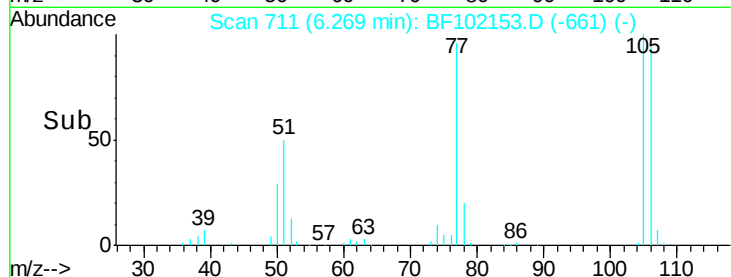
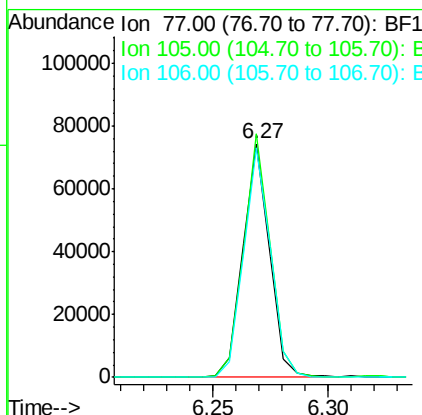
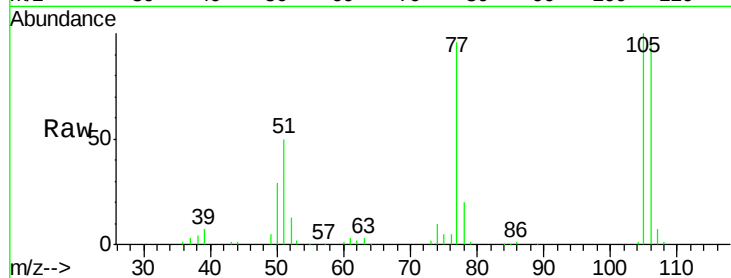




#9
Benzaldehyde
Concen: 6.927 ng
RT: 6.27 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

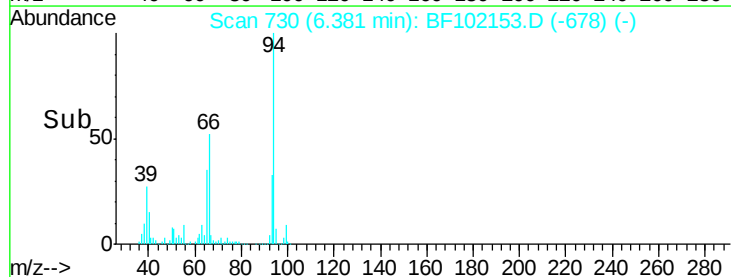
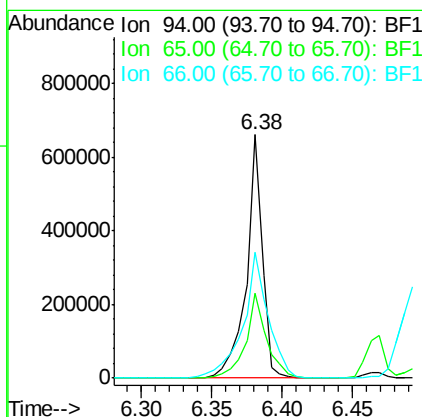
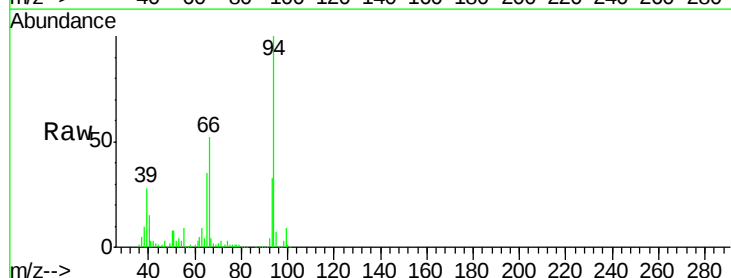
Instrument :
BNA_F
ClientSampleId :

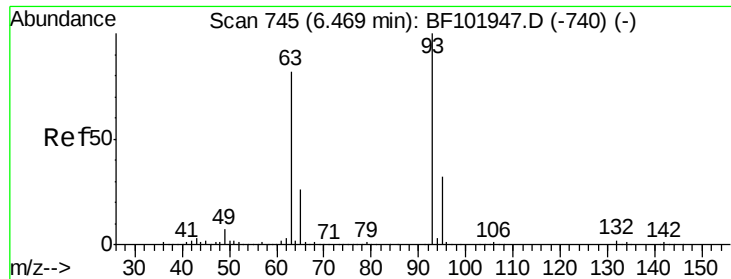
Tot Ion: 77 Resp: 60037
Ion Ratio Lower Upper
77 100
105 104.1 81.1 121.1
106 98.3 74.5 114.5



#10
Phenol
Concen: 36.886 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion: 94 Resp: 520358
Ion Ratio Lower Upper
94 100
65 35.1 7.9 47.9
66 51.5 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.907 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

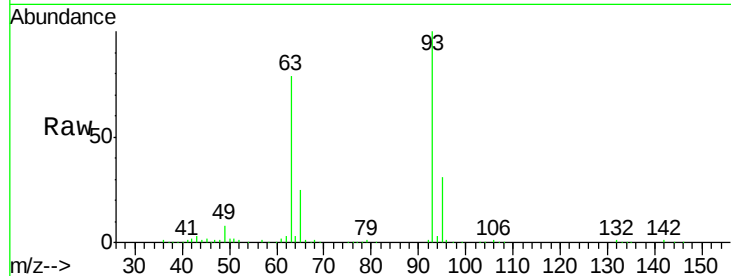
Tot Ion: 93 Resp: 407023

Ion Ratio Lower Upper

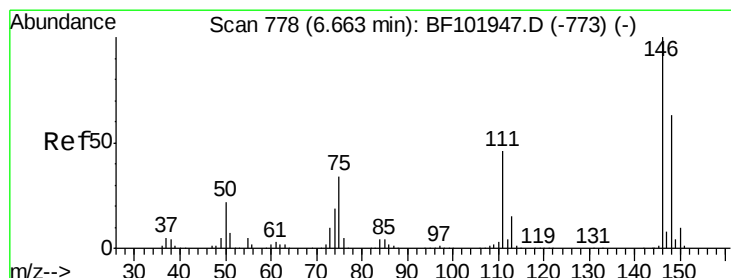
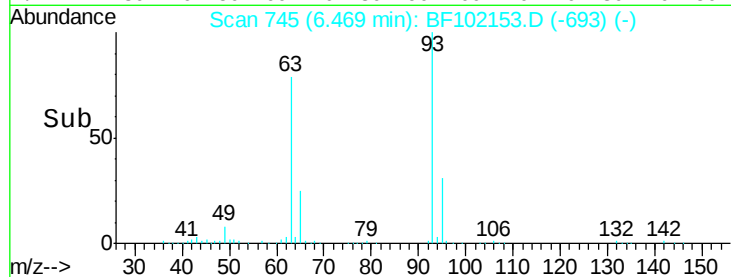
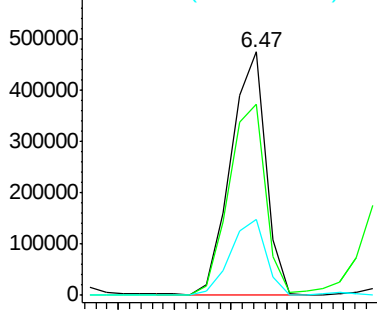
93 100

63 78.7 58.6 98.6

95 31.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.152 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

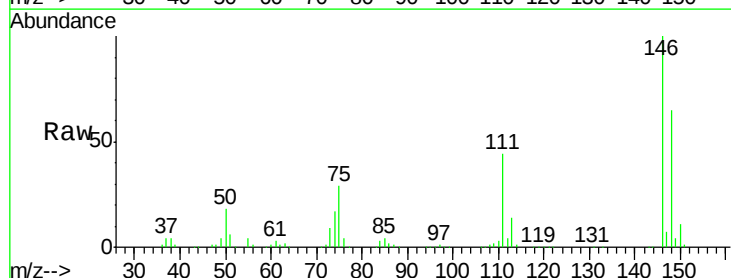
Tgt Ion: 146 Resp: 473590

Ion Ratio Lower Upper

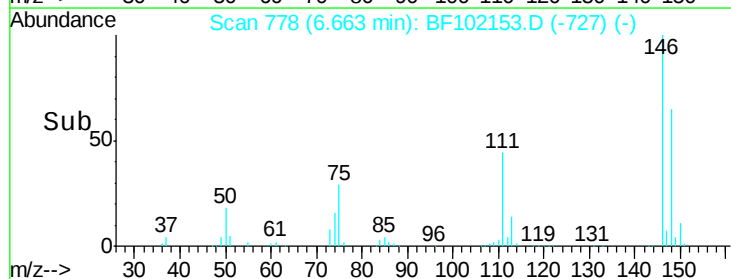
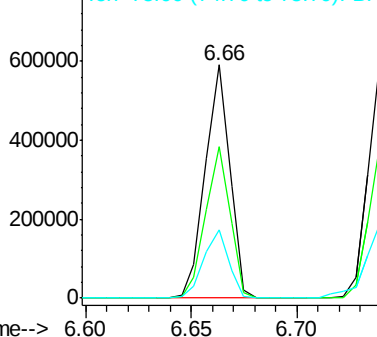
146 100

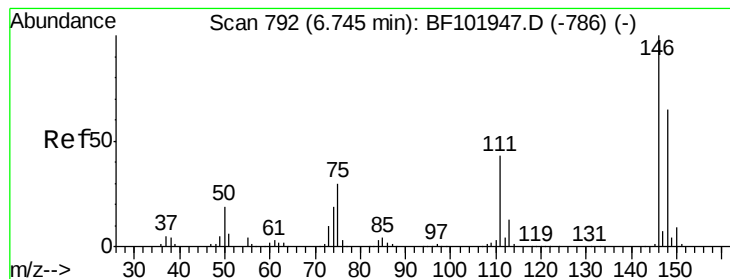
148 65.3 51.8 77.8

75 29.5 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.934 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

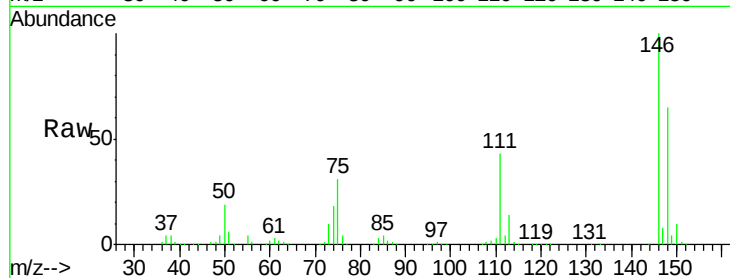
Tot Ion:146 Resp: 482013

Ion Ratio Lower Upper

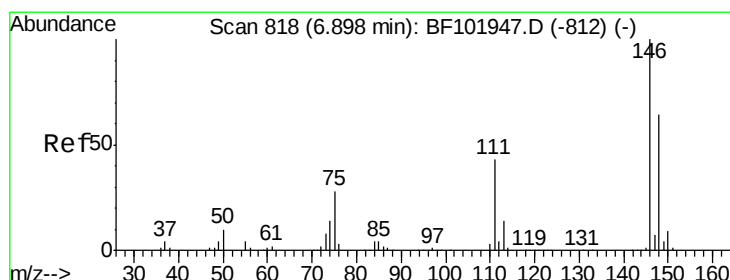
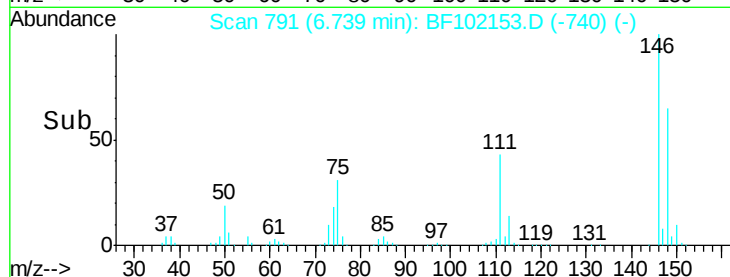
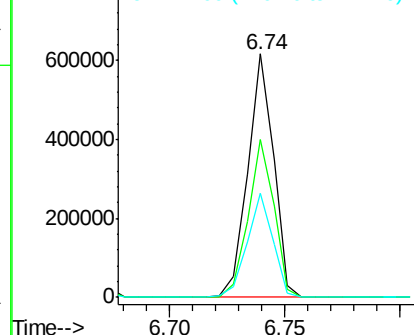
146 100

148 64.7 50.8 76.2

111 42.7 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: 40.245 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

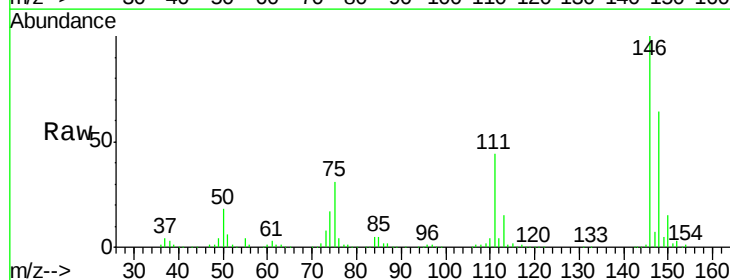
Tgt Ion:146 Resp: 449617

Ion Ratio Lower Upper

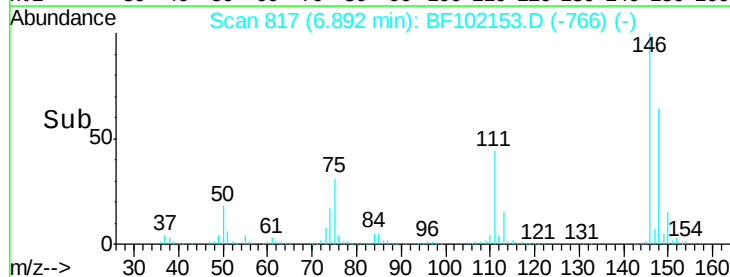
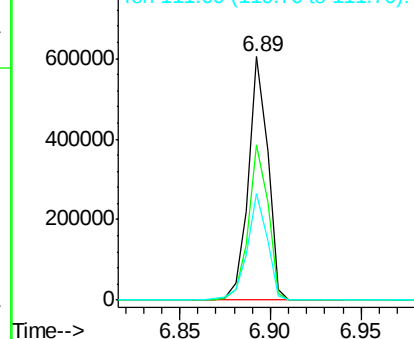
146 100

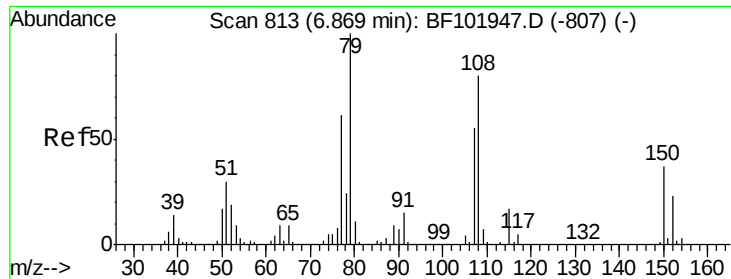
148 63.9 50.6 75.8

111 44.0 36.0 54.0



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

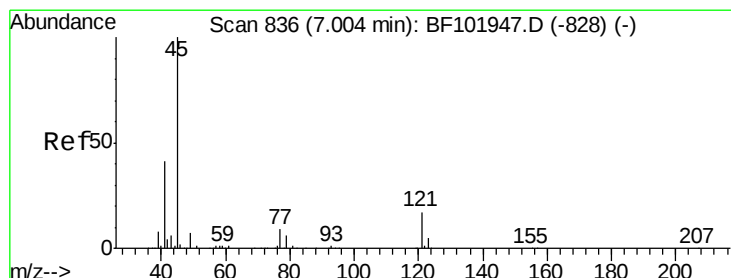
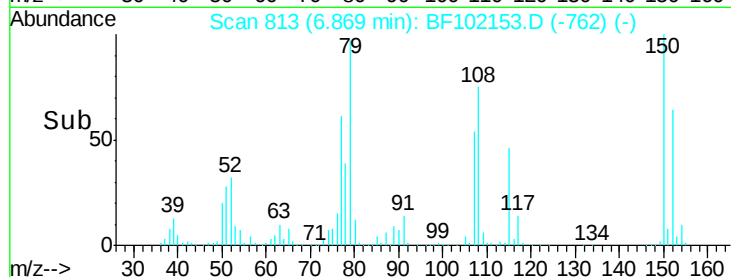
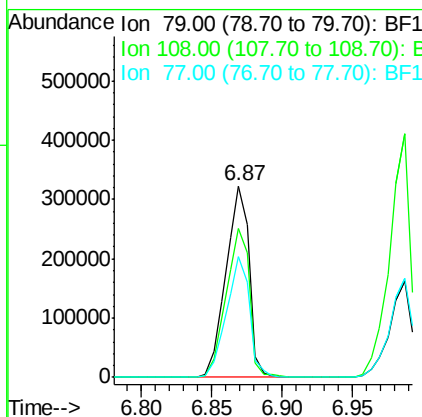
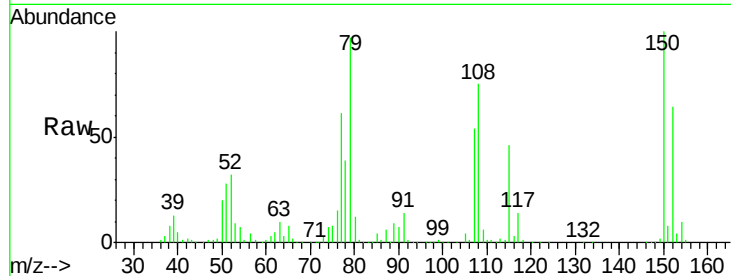




#15
Benzyl Alcohol
Concen: 40.274 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

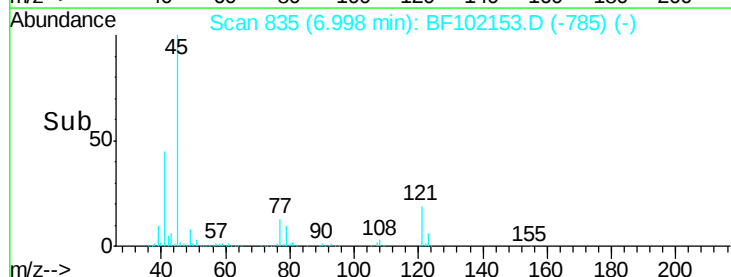
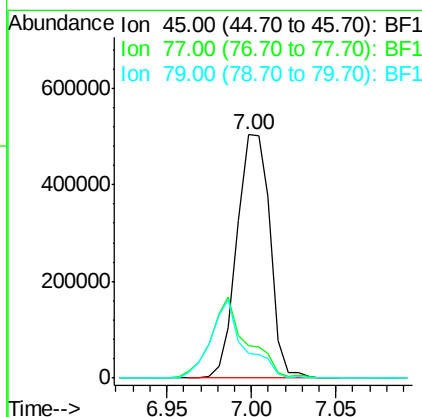
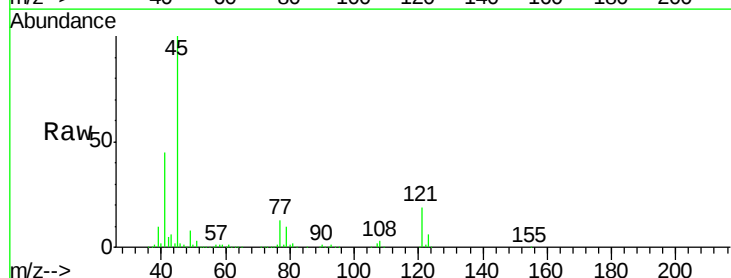
Instrument :
BNA_F
ClientSampleId :

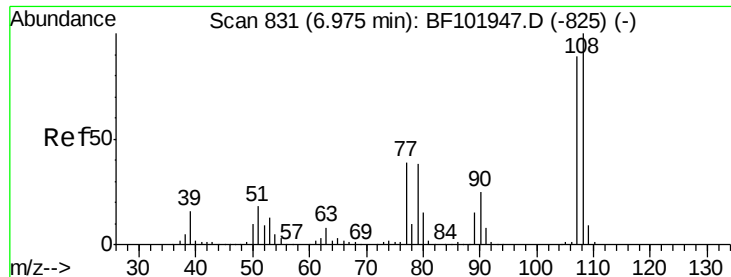
Tot Ion: 79 Resp: 367742
Ion Ratio Lower Upper
79 100
108 77.8 65.1 97.7
77 63.1 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.697 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion: 45 Resp: 686780
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.9
79 10.1 0.0 29.6

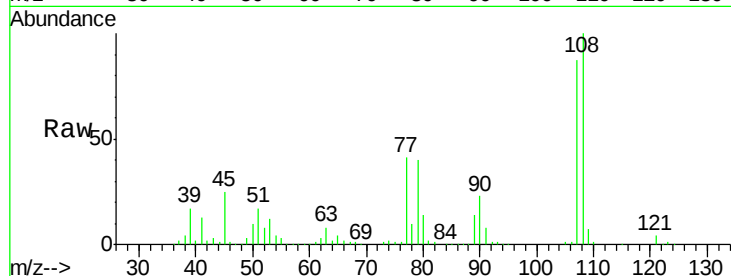




#17
2-Methylphenol
Concen: 39.291 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	371927
Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.7	137.5
77	46.7	33.8	50.8
79	45.4	33.8	50.8



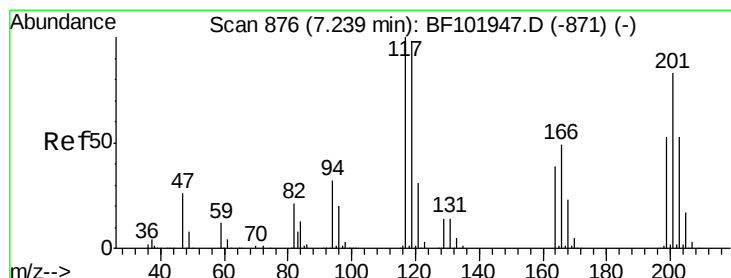
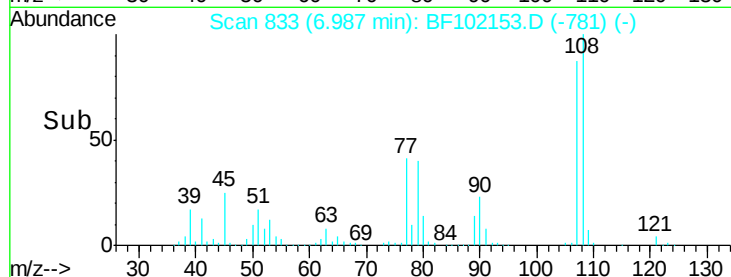
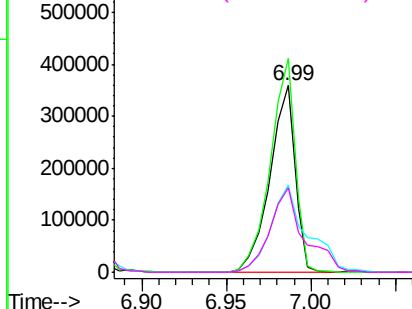
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

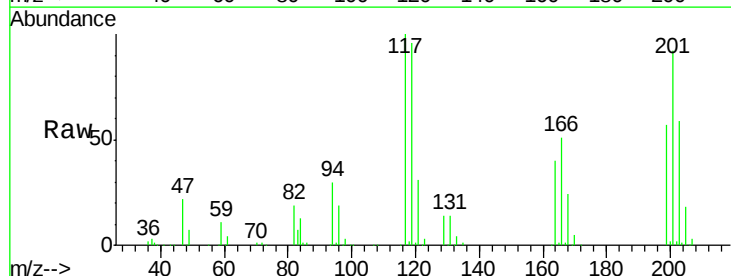
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.055 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion:	117	Resp:	174502
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	92.0	75.7	113.5

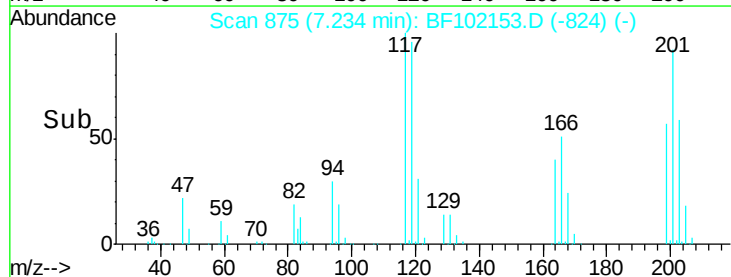
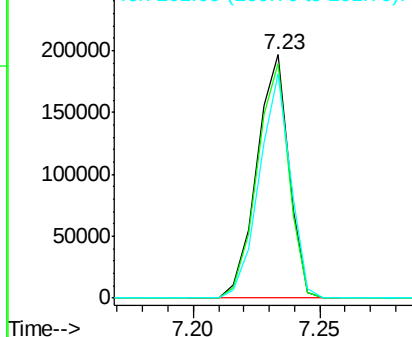


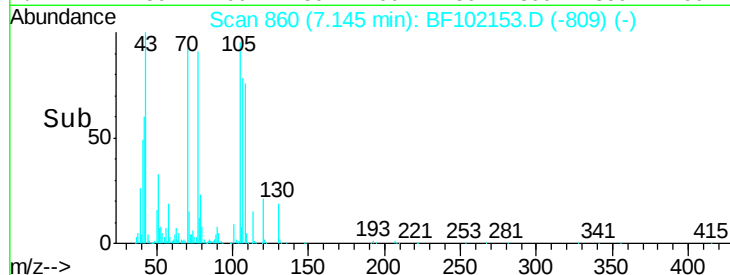
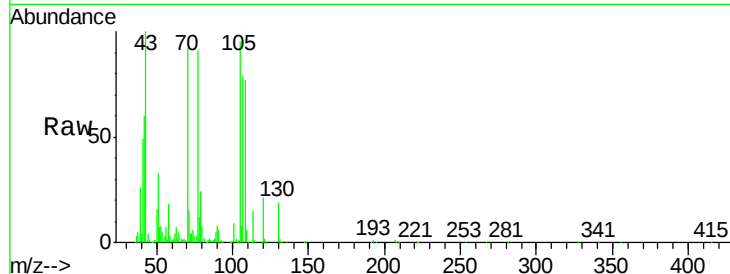
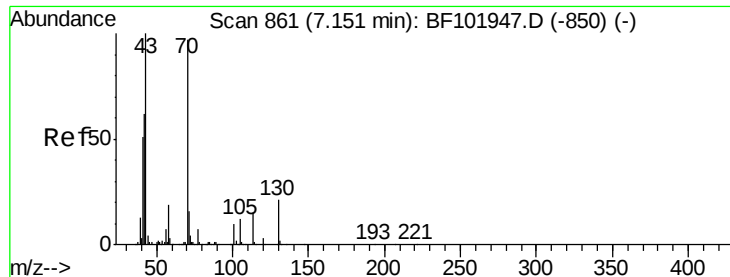
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

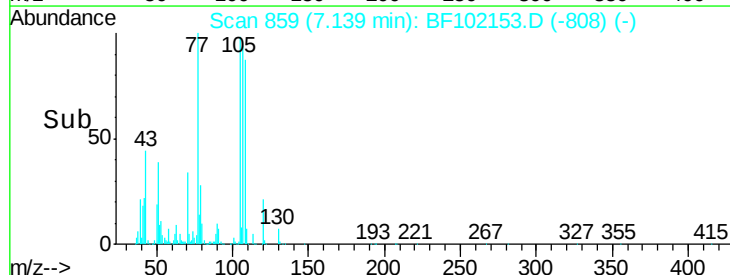
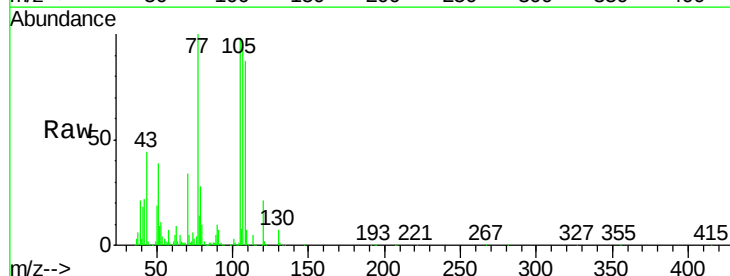
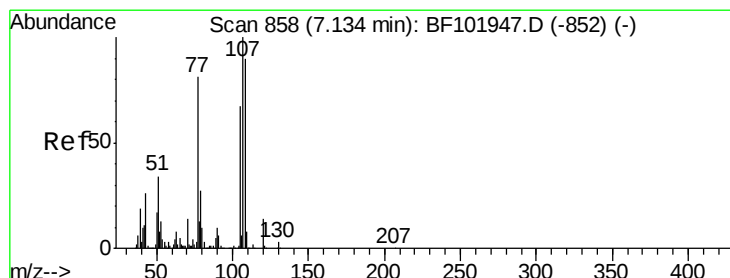
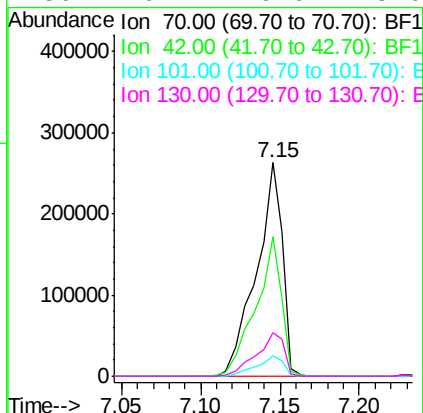




#19
n-Nitroso-di-n-propylamine
Concen: 37.155 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

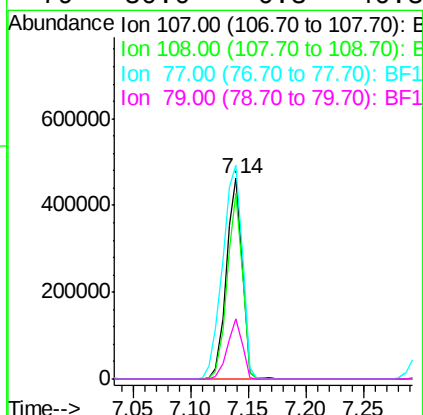
Instrument :
BNA_F
ClientSampleId :

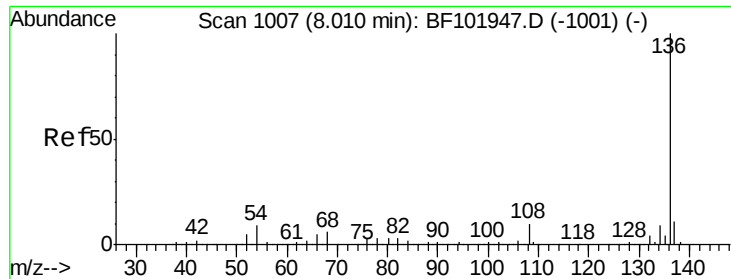
Tot Ion	Ratio	Lower	Upper
70	100		
42	65.0	47.5	71.3
101	9.3	7.4	11.2
130	20.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.353 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	68.2	108.2
77	106.4	26.7	66.7#
79	30.0	6.3	46.3

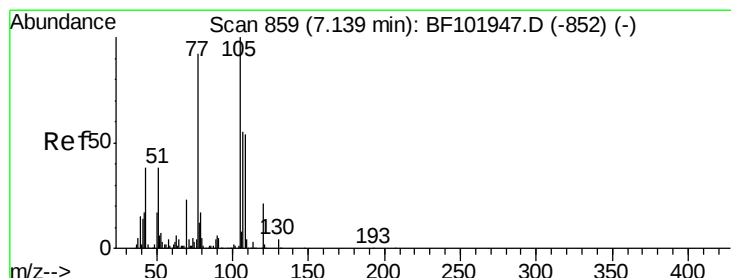
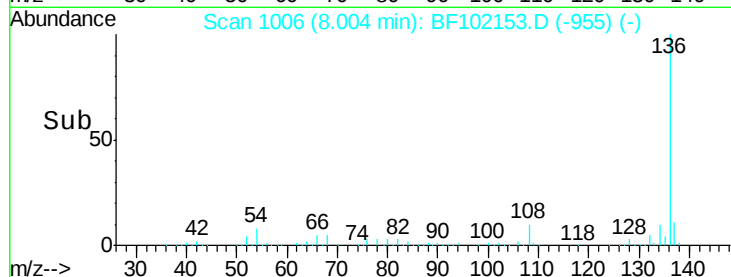
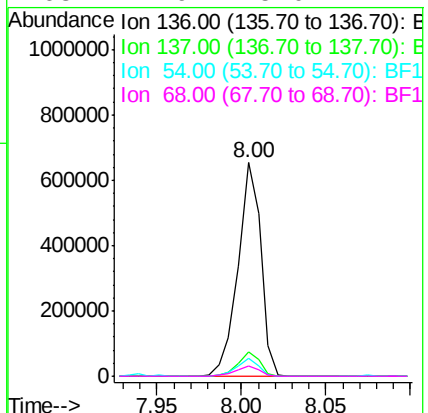
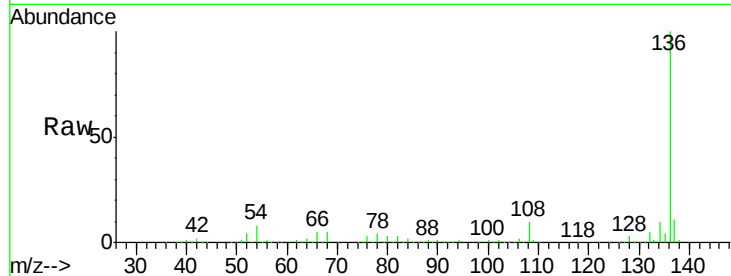




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

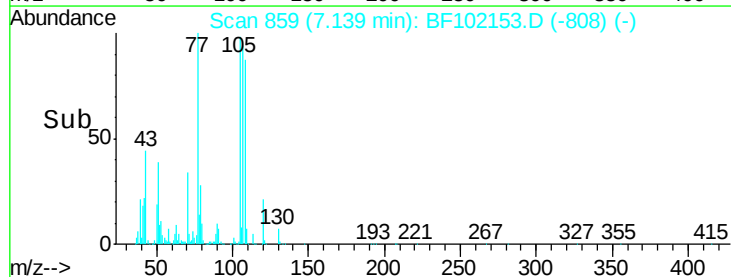
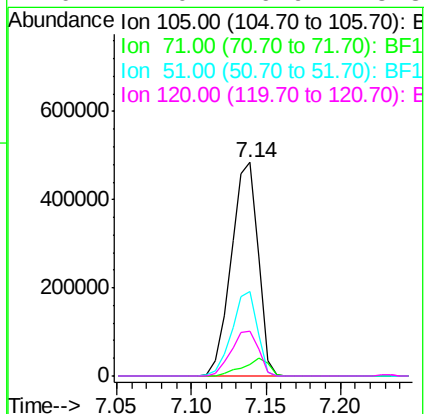
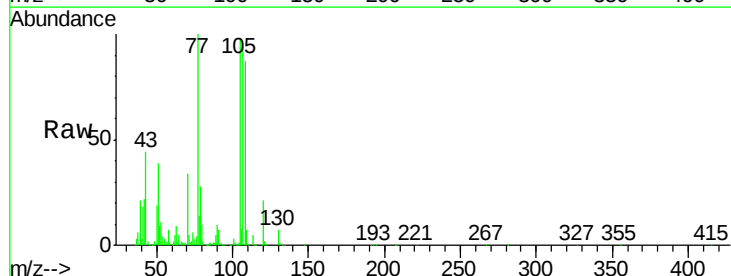
Instrument :
BNA_F
ClientSampleId :

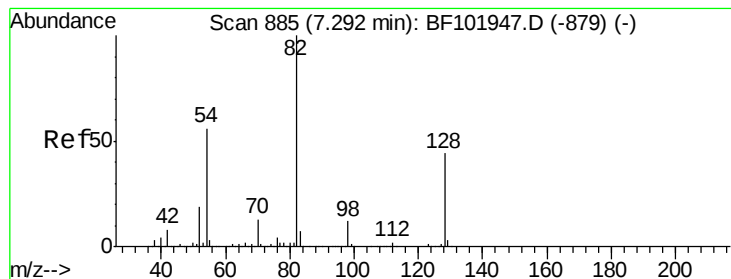
Tot Ion:136	Resp:	616077
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	8.2	6.6 9.8
68	4.9	5.0 7.4#



#22
Acetophenone
Concen: 41.336 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion:105	Resp:	613583
Ion Ratio	Lower	Upper
105	100	
71	5.5	4.4 6.6
51	39.8	22.3 33.5#
120	21.0	16.9 25.3





#23

Nitrobenzene-d5

Concen: 88.402 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampled :

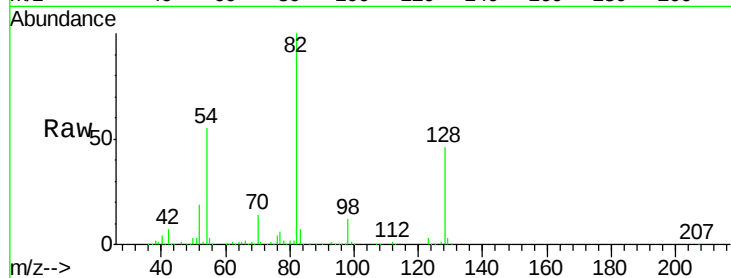
Tot Ion: 82 Resp: 926800

Ion Ratio Lower Upper

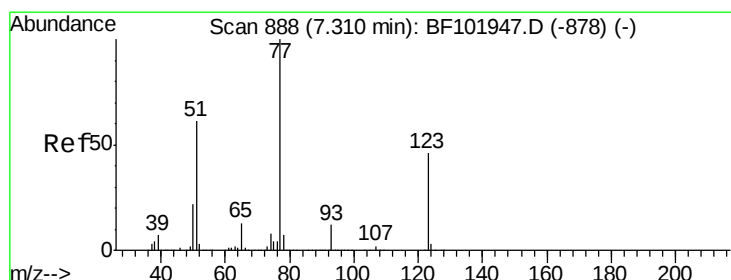
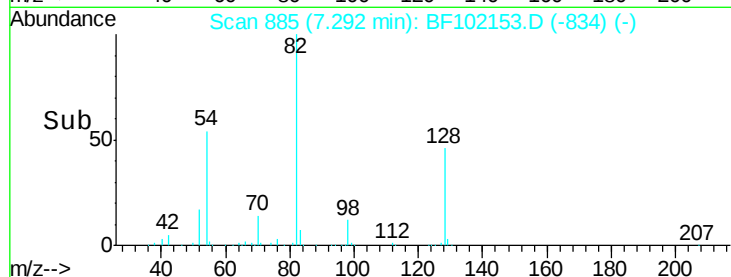
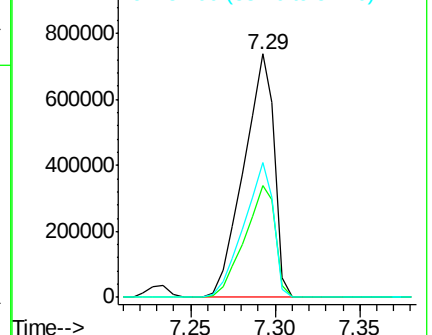
82 100

128 46.2 36.1 54.1

54 55.2 41.4 62.2



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



#24

Nitrobenzene

Concen: 40.946 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

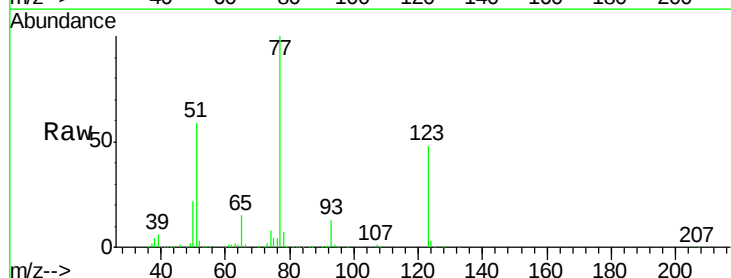
Tgt Ion: 77 Resp: 461274

Ion Ratio Lower Upper

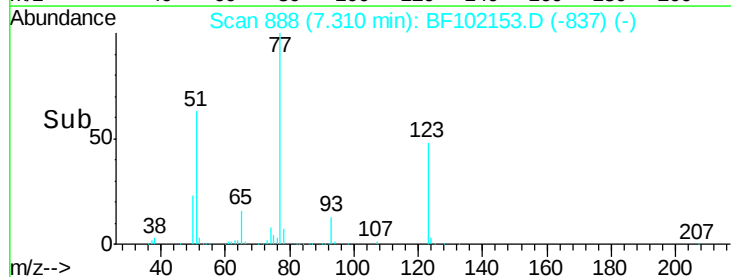
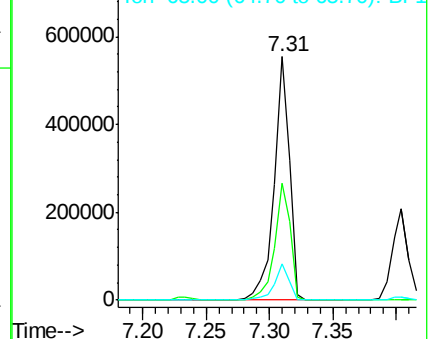
77 100

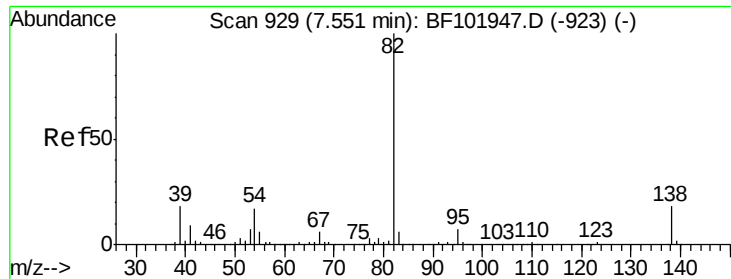
123 48.0 37.9 56.9

65 14.7 11.0 16.4



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





#25

Isophorone

Concen: 40.726 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

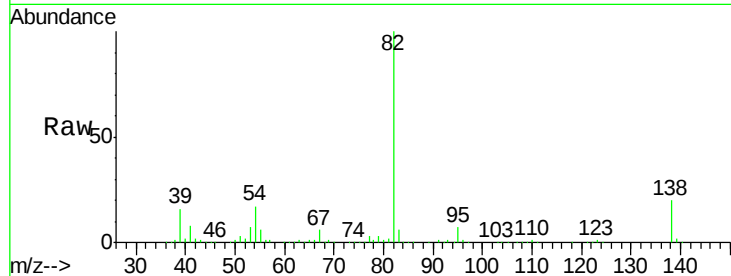
Tot Ion: 82 Resp: 843659

Ion Ratio Lower Upper

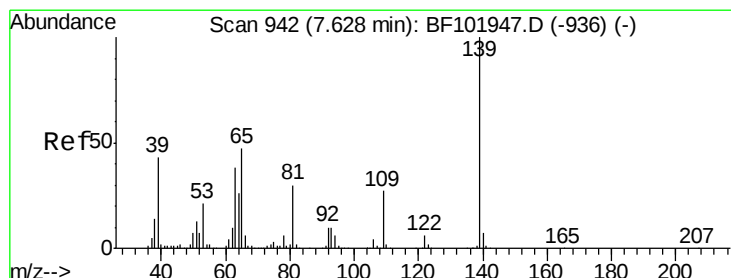
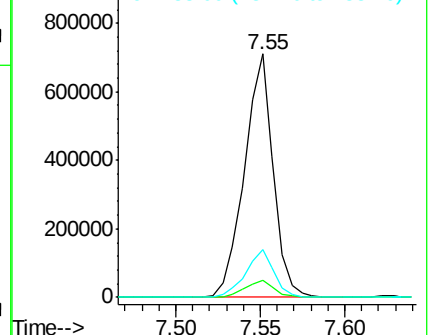
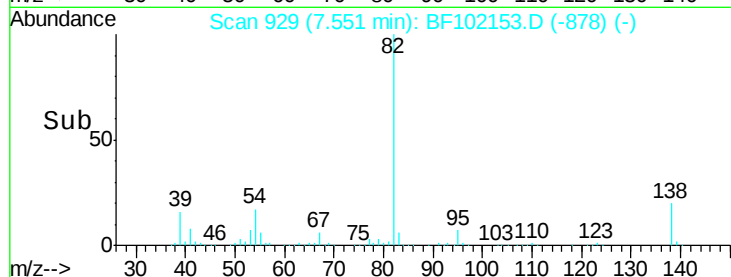
82 100

95 6.8 5.2 7.8

138 19.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 54.090 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

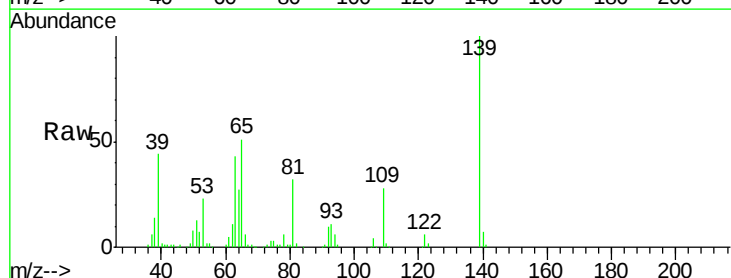
Tgt Ion: 139 Resp: 255043

Ion Ratio Lower Upper

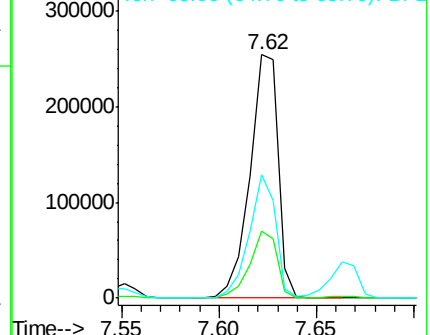
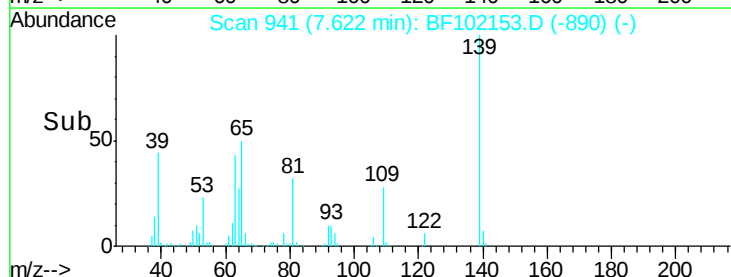
139 100

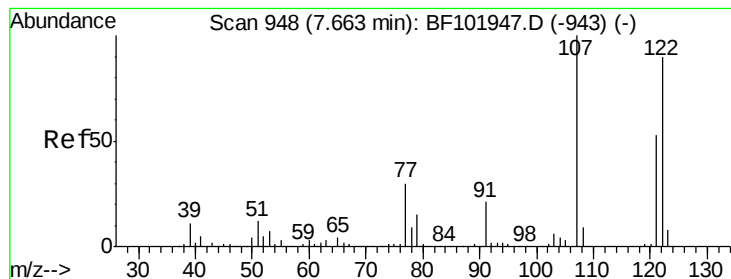
109 27.7 22.7 34.1

65 50.5 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 45.625 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampled :

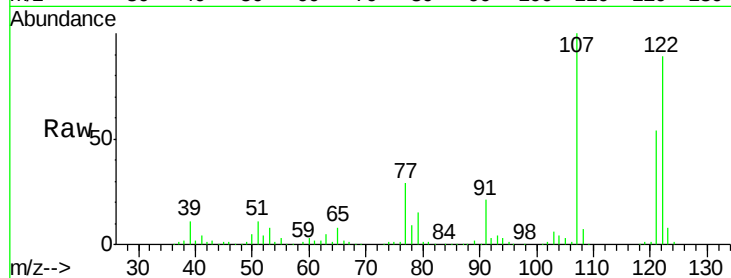
Tot Ion:122 Resp: 401770

Ion Ratio Lower Upper

122 100

107 112.3 91.2 136.8

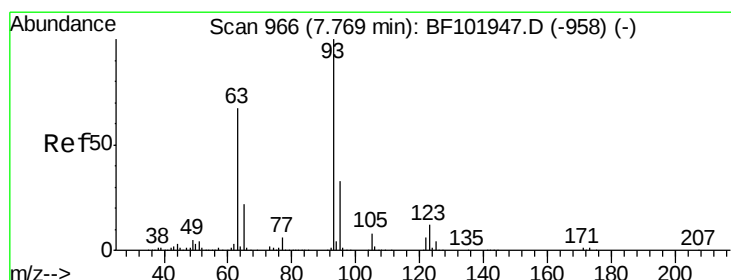
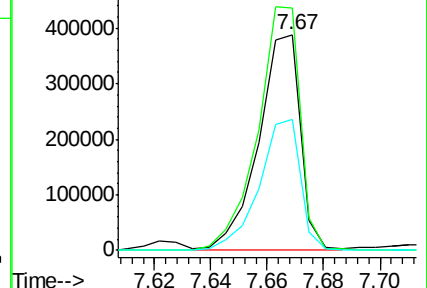
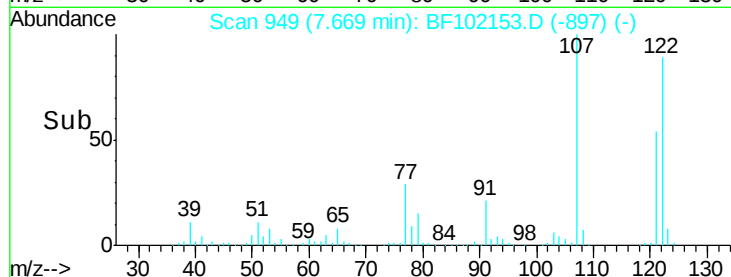
121 60.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.069 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

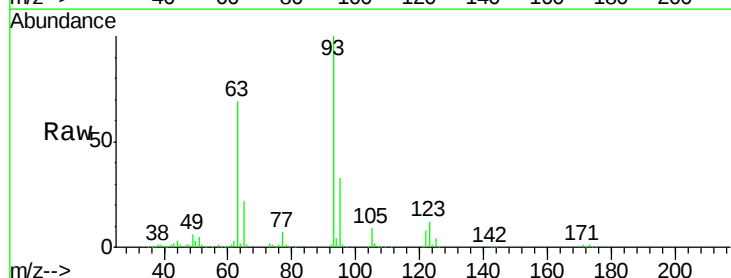
Tgt Ion: 93 Resp: 526200

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

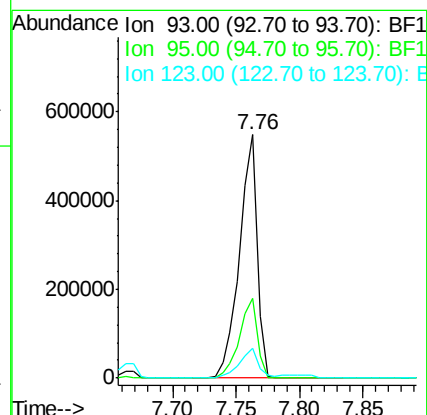
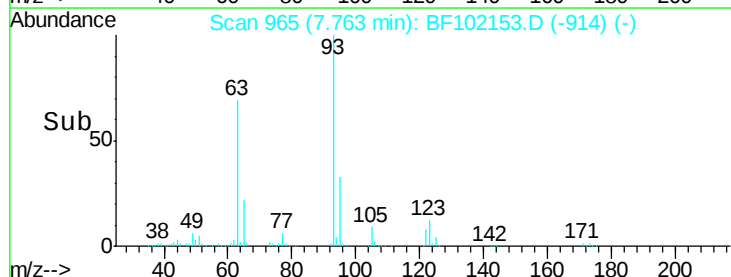
123 12.3 9.8 14.6

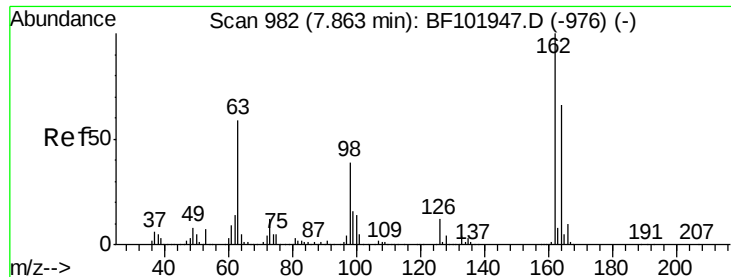


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

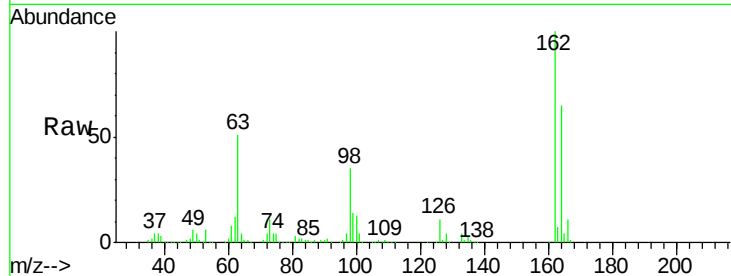




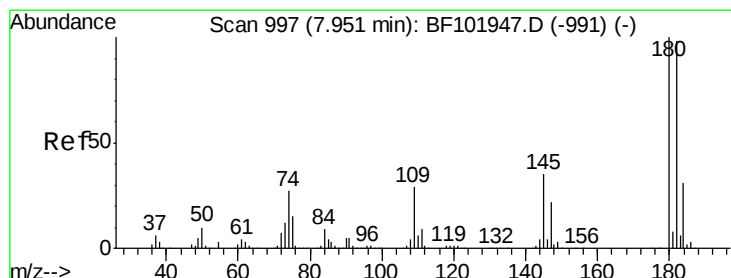
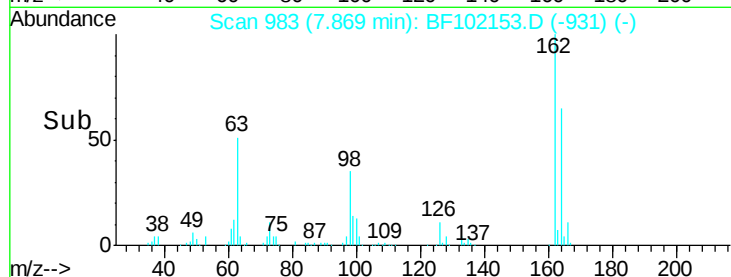
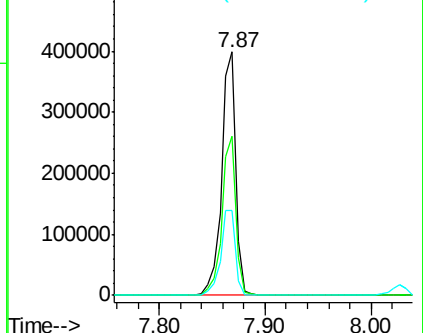
#29
2,4-Dichlorophenol
Concen: 45.058 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 376753
Ion Ratio Lower Upper
162 100
164 65.3 42.7 82.7
98 34.7 18.1 58.1

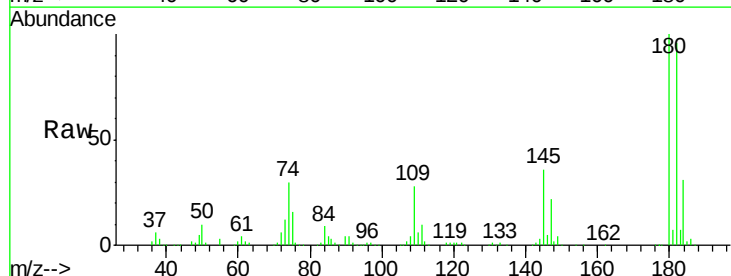


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

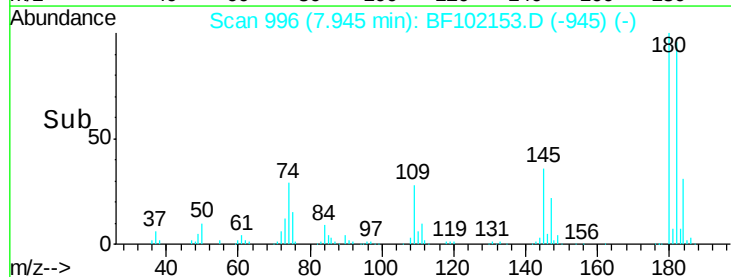
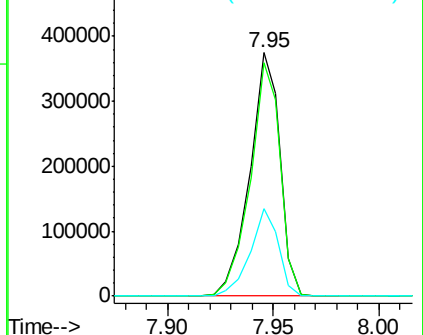


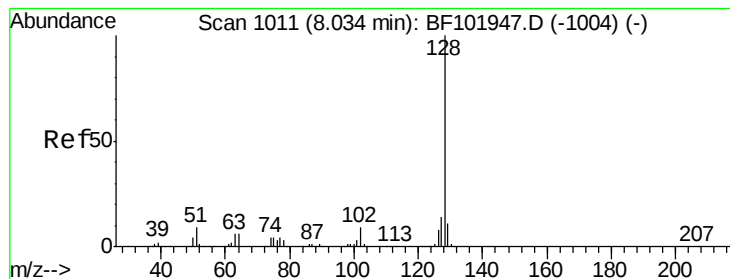
#30
1,2,4-Trichlorobenzene
Concen: 42.472 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion:180 Resp: 371468
Ion Ratio Lower Upper
180 100
182 96.0 76.8 115.2
145 36.0 26.5 39.7



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





#31

Naphthalene

Concen: 41.194 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

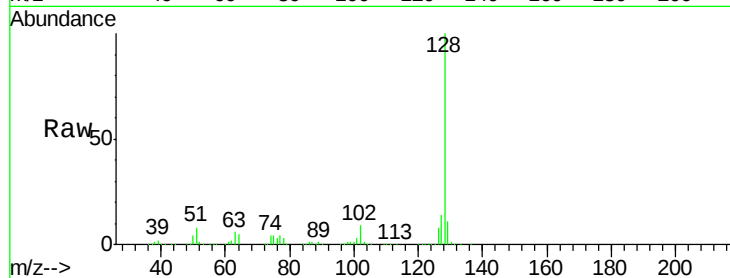
Tot Ion:128 Resp: 1268135

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

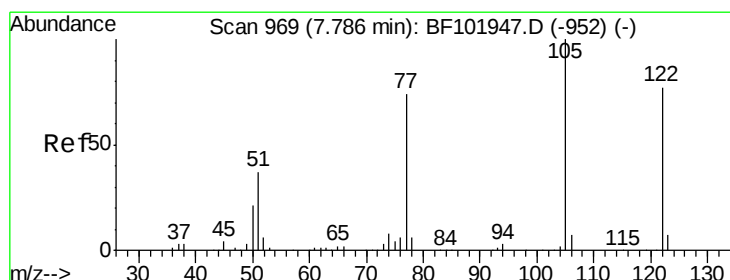
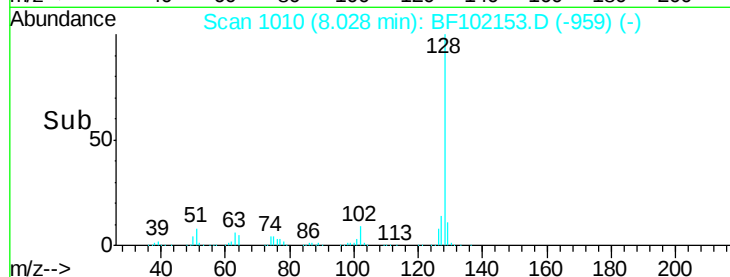
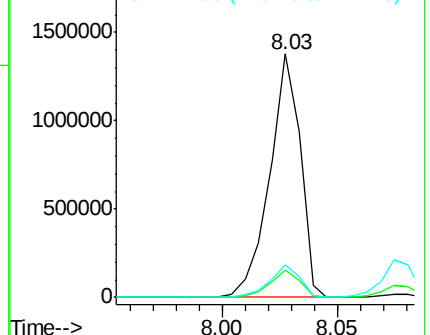
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.658 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

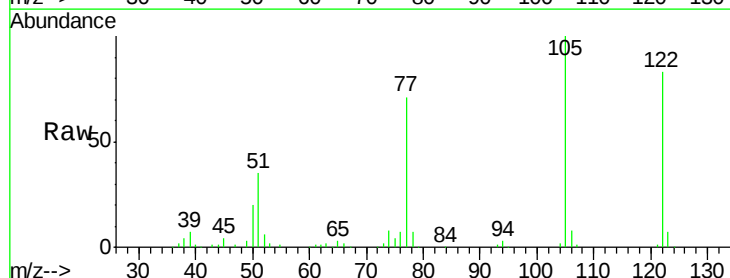
Tgt Ion:122 Resp: 284846

Ion Ratio Lower Upper

122 100

105 120.5 101.1 141.1

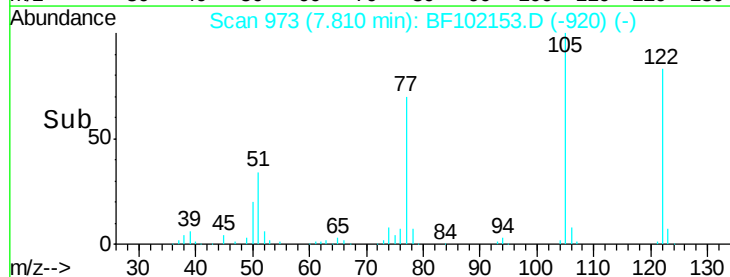
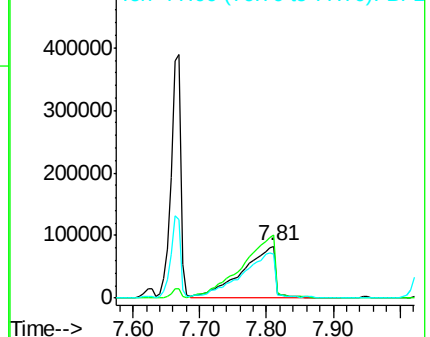
77 85.4 70.7 110.7

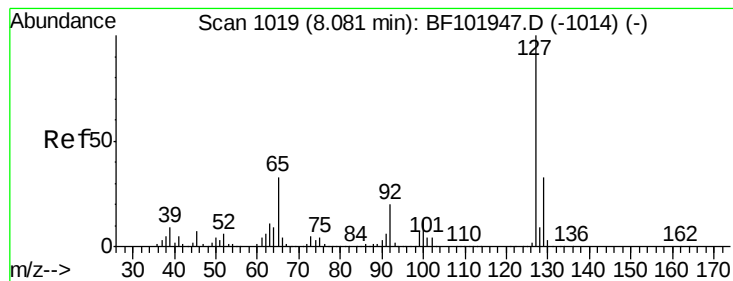


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 16.506 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 216873

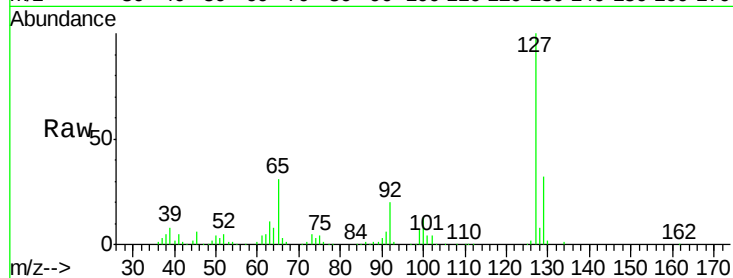
Ion Ratio Lower Upper

127 100

129 32.1 25.9 38.9

65 30.6 25.0 37.4

92 19.9 15.2 22.8

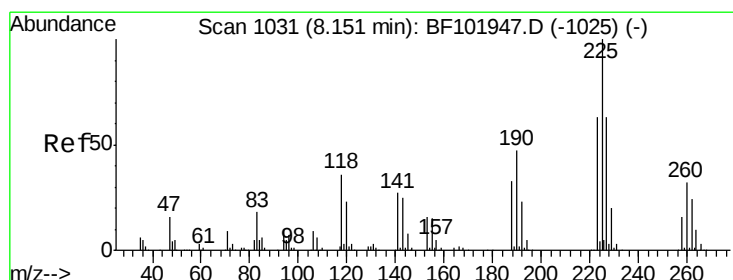
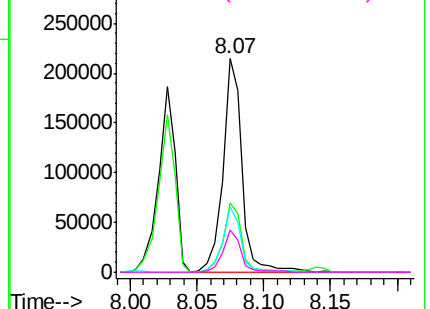
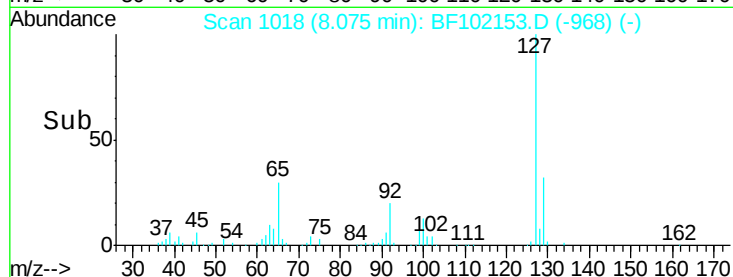


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 42.971 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

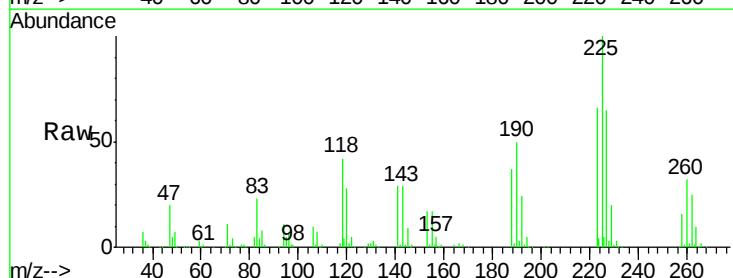
Tgt Ion:225 Resp: 198935

Ion Ratio Lower Upper

225 100

223 66.1 50.6 76.0

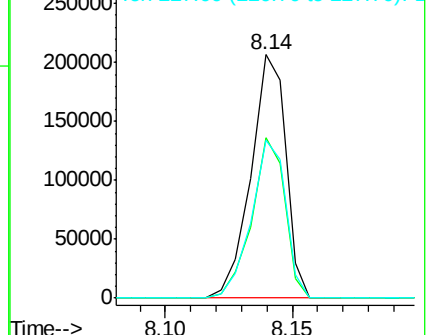
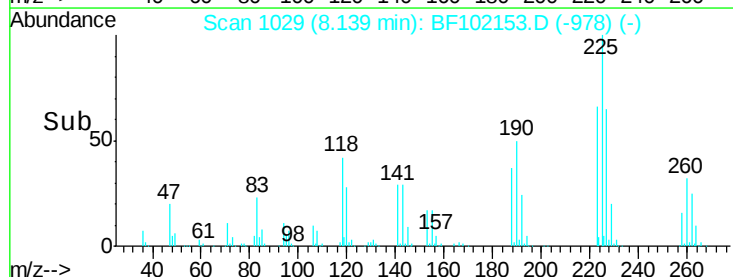
227 64.6 51.9 77.9

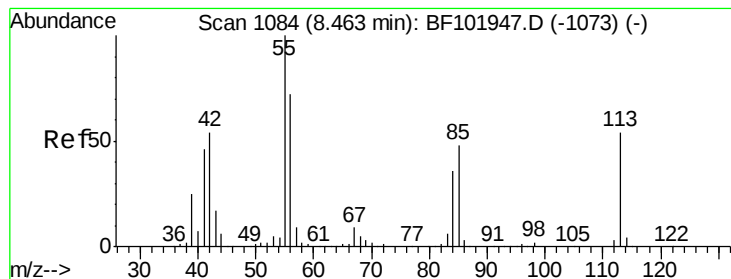


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.939 ng

RT: 8.47 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

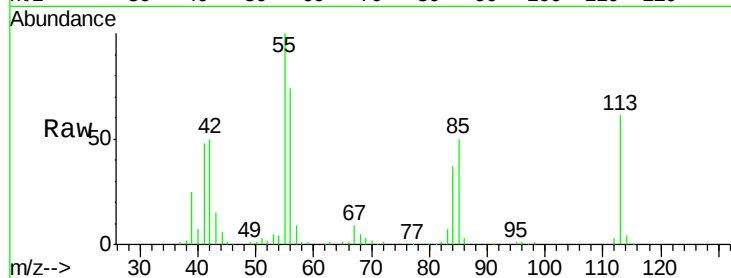
Tot Ion:113 Resp: 83069

Ion Ratio Lower Upper

113 100

55 164.3 163.3 203.3

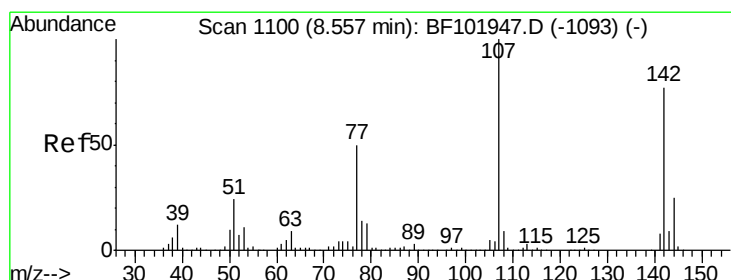
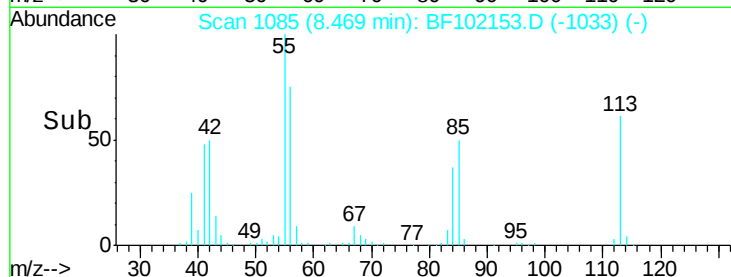
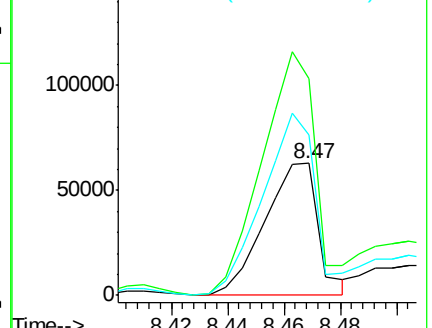
56 122.1 115.7 155.7



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: 43.938 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

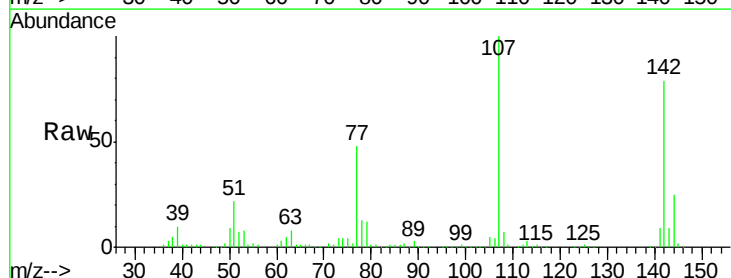
Tgt Ion:107 Resp: 402153

Ion Ratio Lower Upper

107 100

144 24.8 20.5 30.7

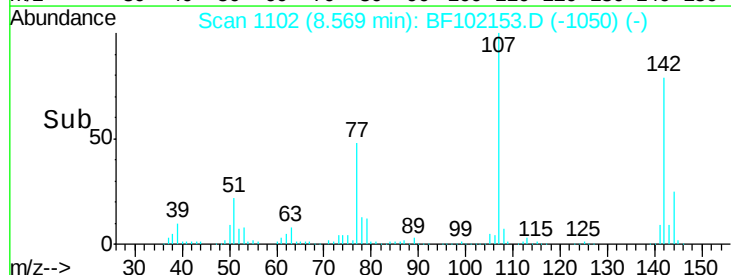
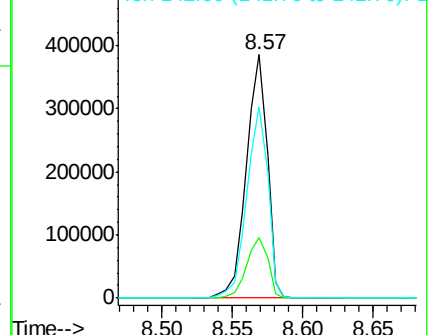
142 78.6 62.0 93.0

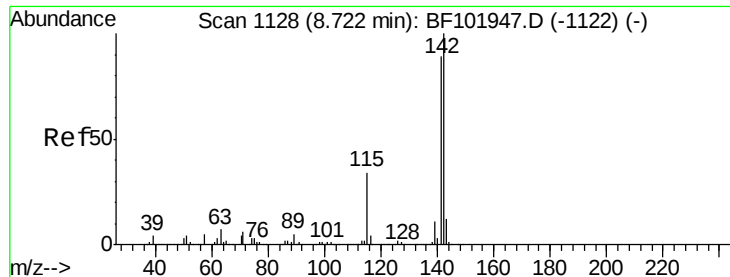


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

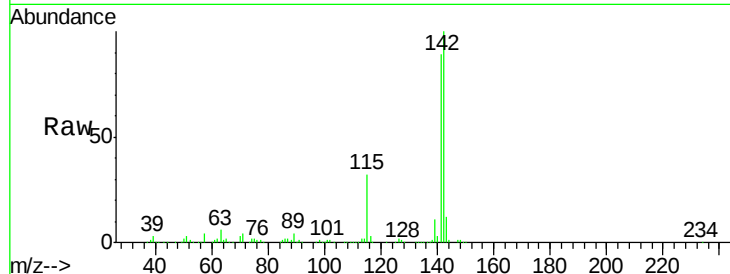




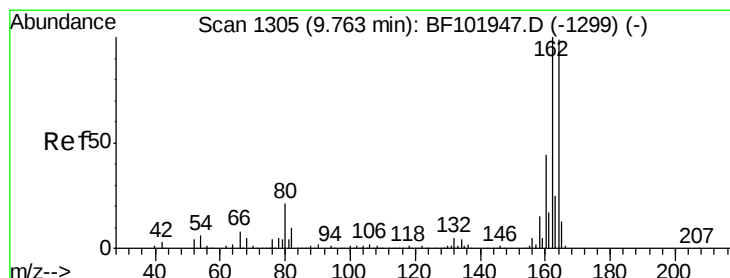
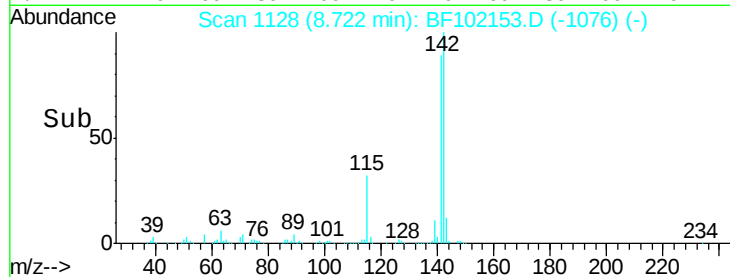
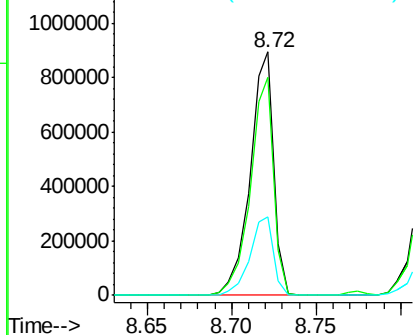
#37
2-Methylnaphthalene
Concen: 42.915 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	32.5	26.1	39.1

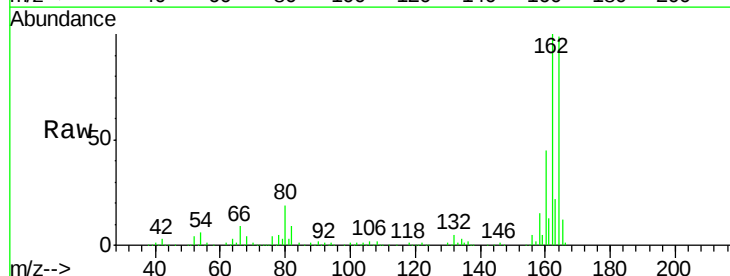


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

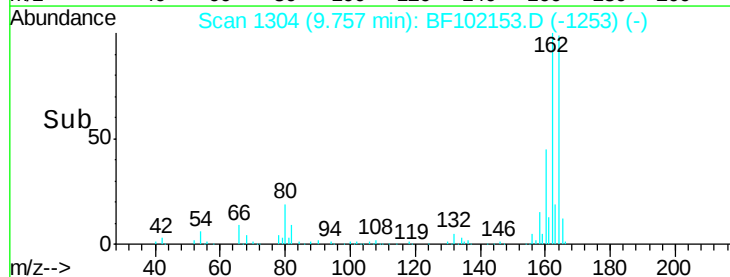
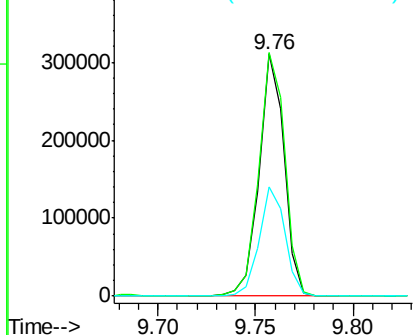


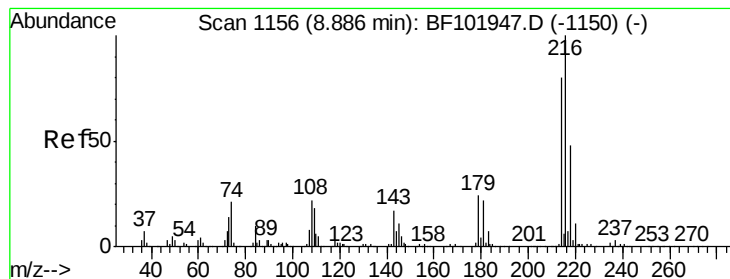
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	86.1	129.1
160	45.3	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.330 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 352094

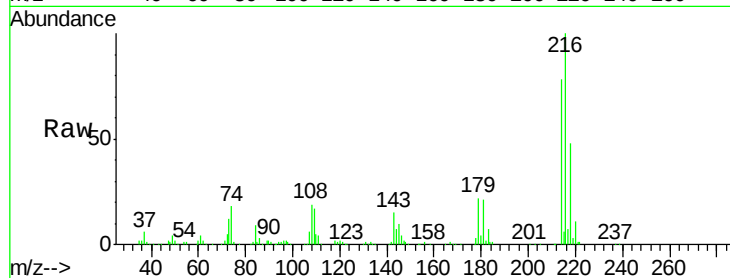
Ion Ratio Lower Upper

216 100

214 78.2 63.0 94.4

179 22.4 18.1 27.1

108 22.2 17.2 25.8

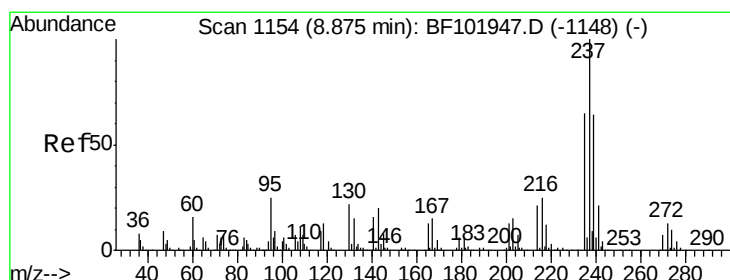
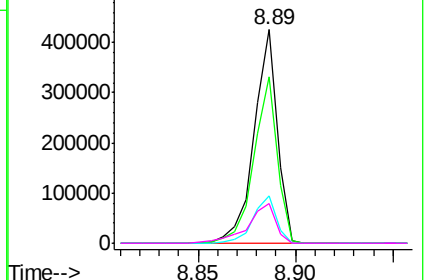
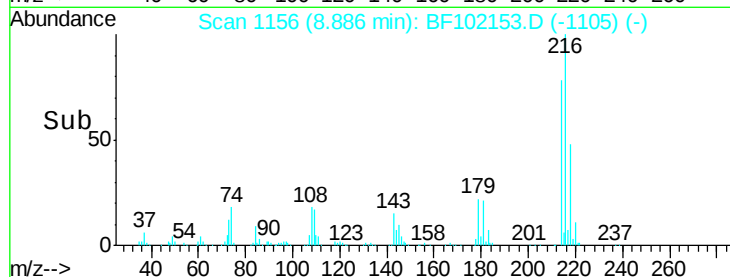


Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.284 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

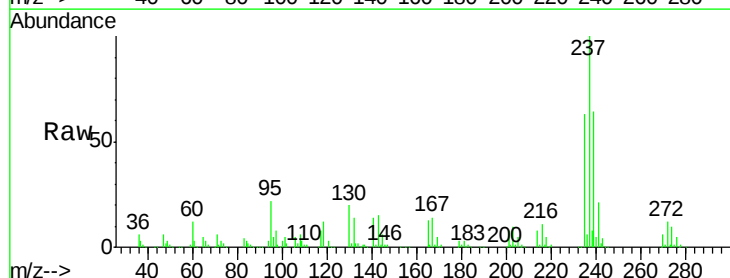
Tgt Ion:237 Resp: 290062

Ion Ratio Lower Upper

237 100

235 62.6 44.8 84.8

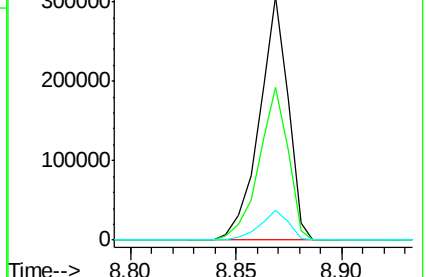
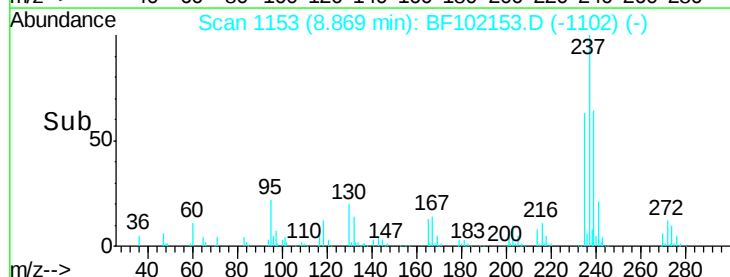
272 12.4 0.0 33.3

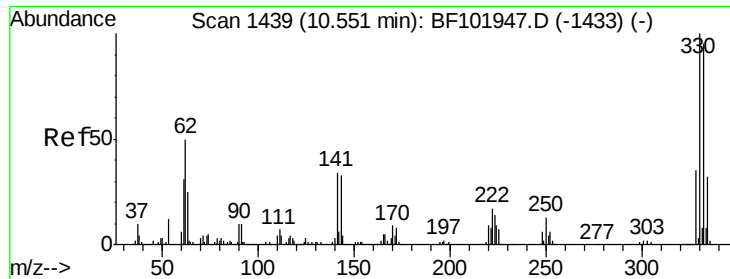


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

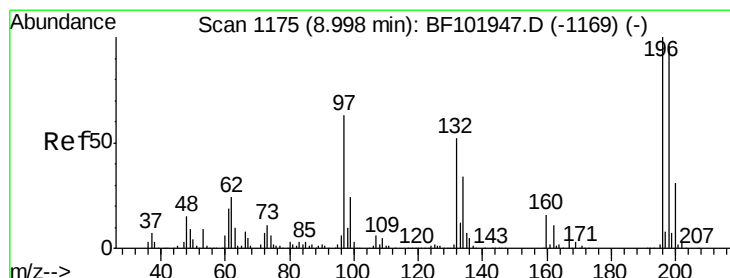
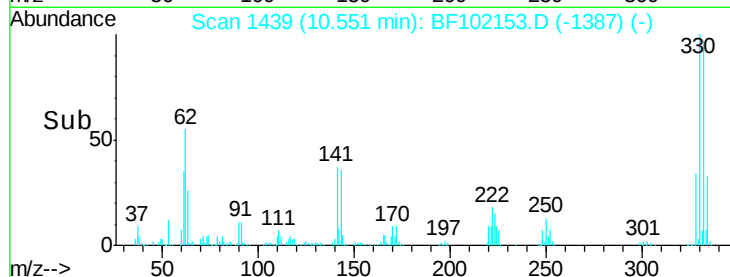
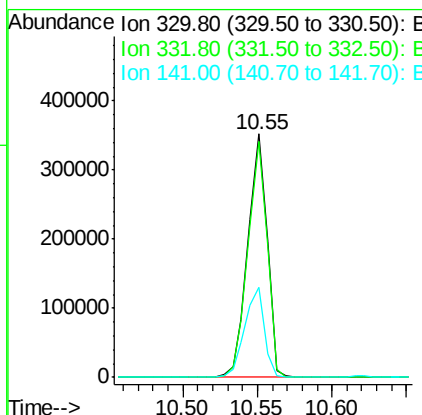
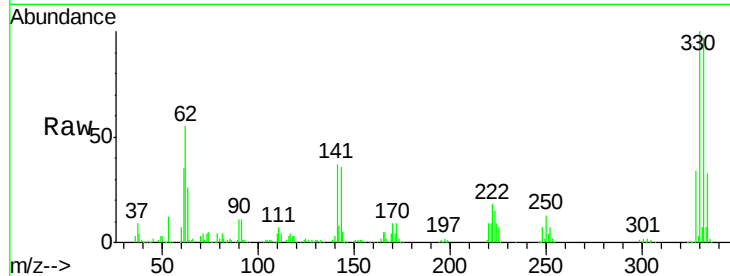




#41
 2,4,6-Tribromophenol
 Concen: 132.469 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

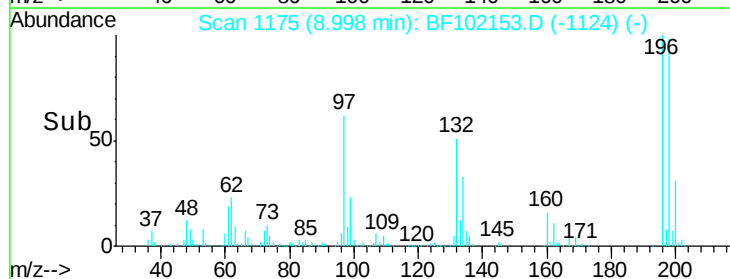
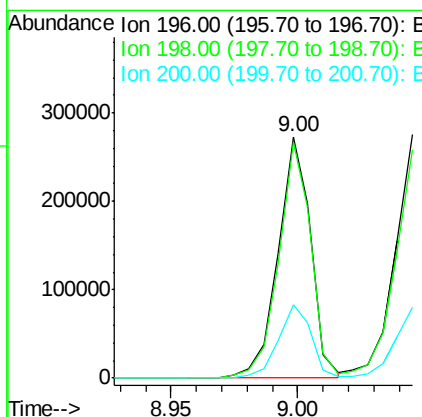
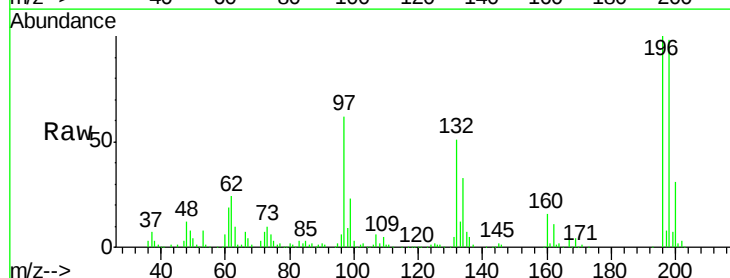
Instrument :
 BNA_F
 ClientSampled :

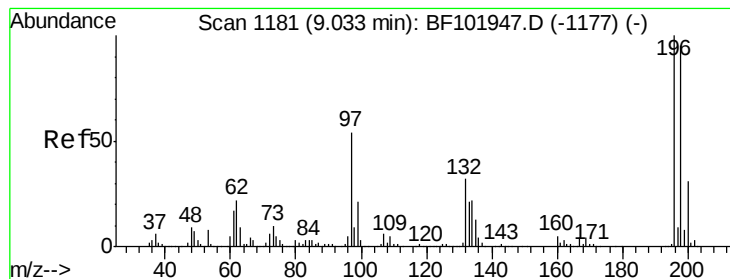
Tot Ion:330 Resp: 317396
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 37.3 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 45.911 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Tgt Ion:196 Resp: 245743
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.7 113.5
 200 30.6 24.5 36.7





#43

2,4,5-Trichlorophenol

Concen: 42.730 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 258501

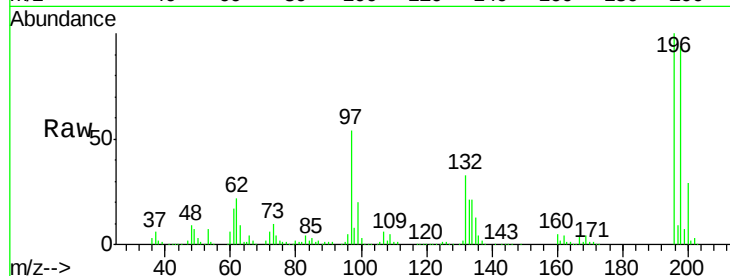
Ion Ratio Lower Upper

196 100

198 94.0 74.6 112.0

97 54.4 42.9 64.3

132 32.7 26.3 39.5

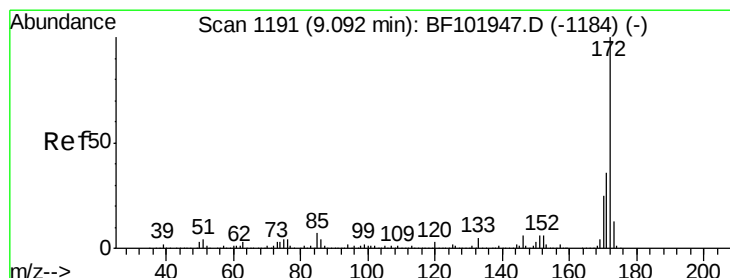
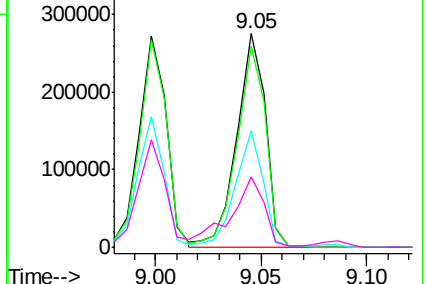
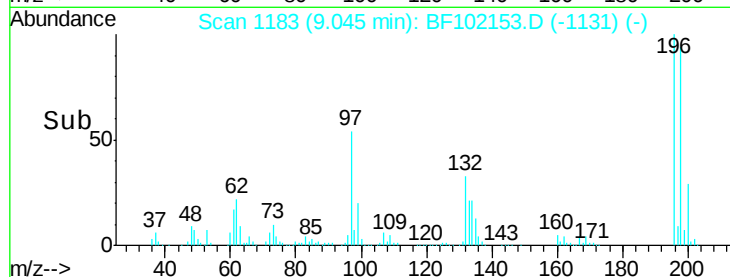


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 93.418 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

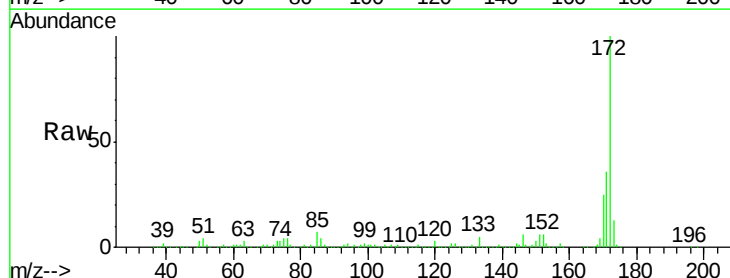
Tgt Ion:172 Resp: 1641732

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

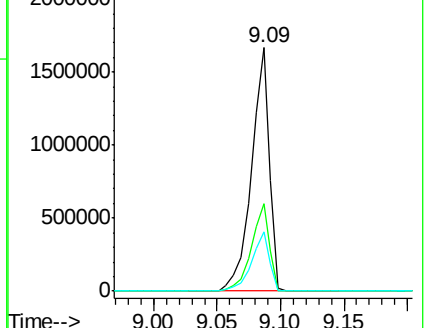
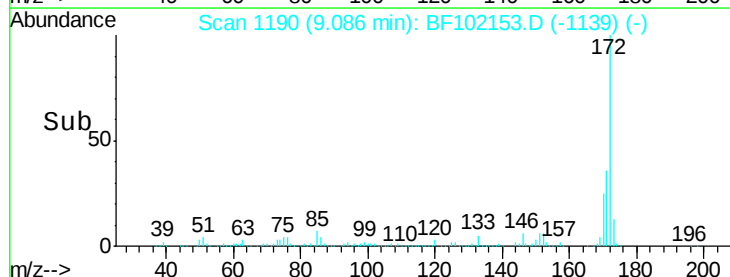
170 24.6 19.6 29.4

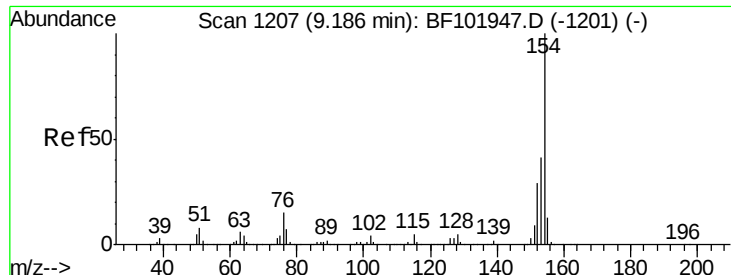


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

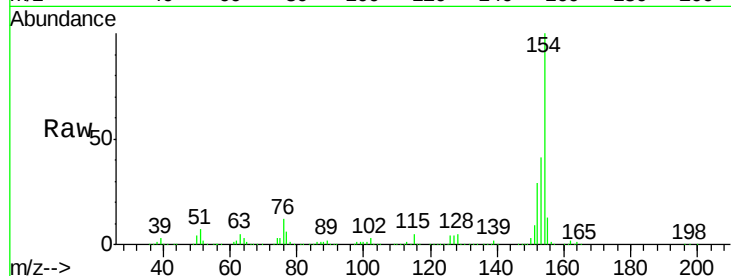




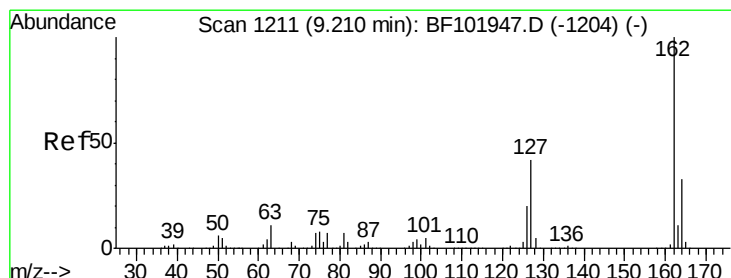
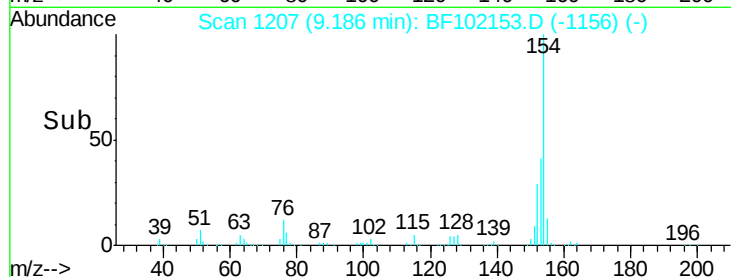
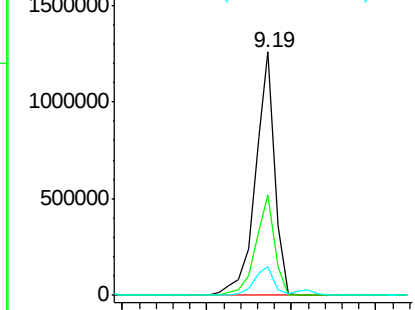
#45
 1,1'-Biphenyl
 Concen: 41.102 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	11.9	0.0	34.0

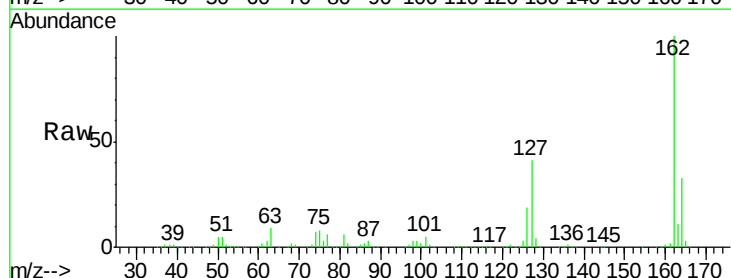


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

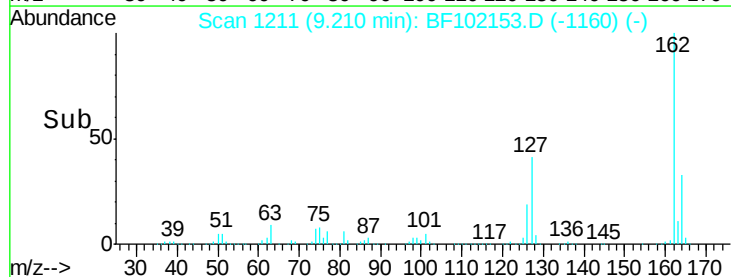
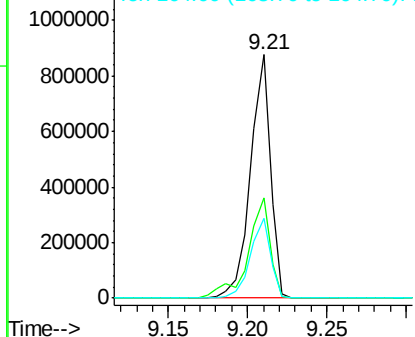


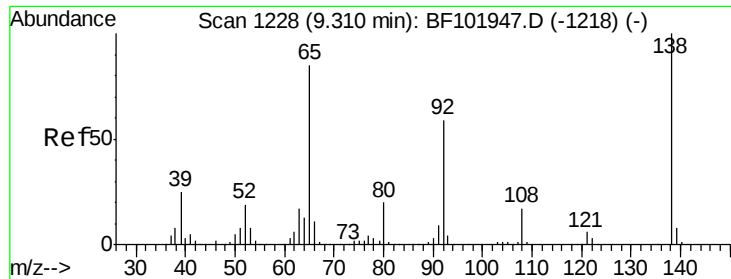
#46
 2-Chloronaphthalene
 Concen: 40.657 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.9	50.9
164	32.9	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

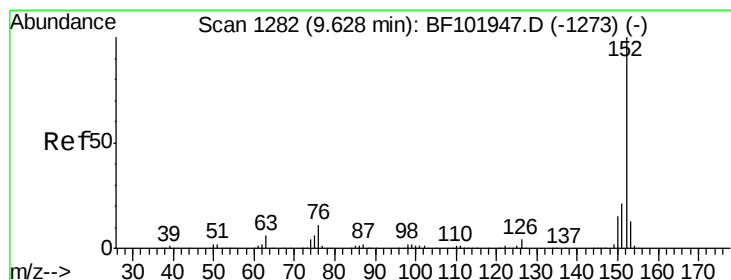
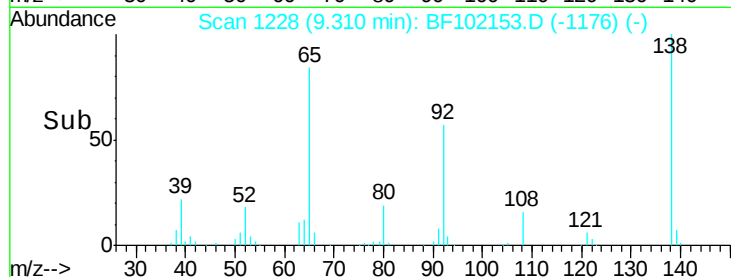
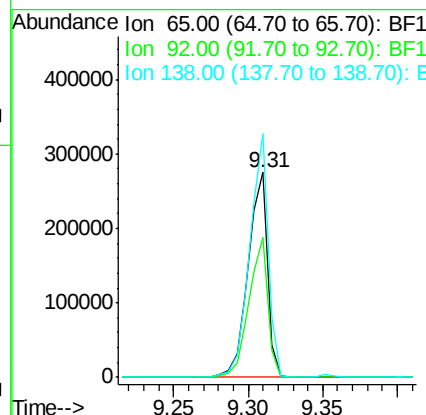
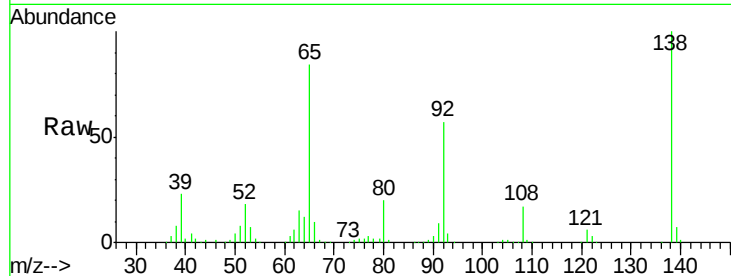




#47
2-Nitroaniline
Concen: 43.908 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

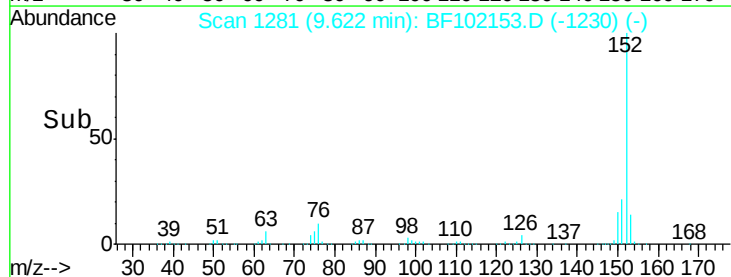
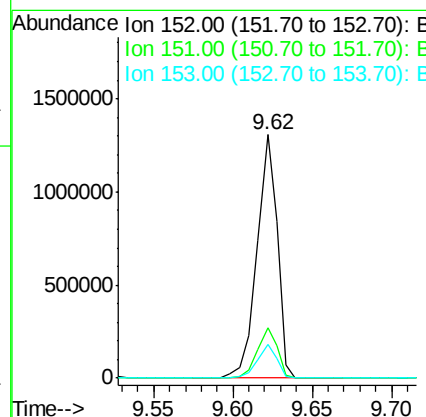
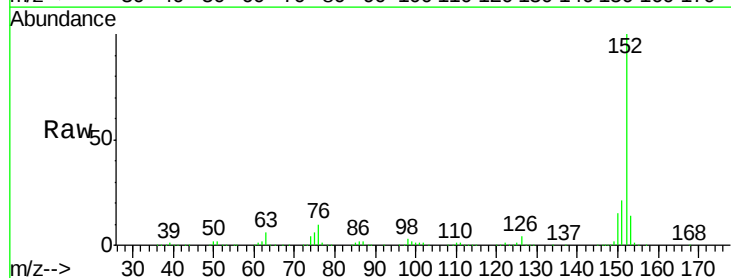
Instrument :
BNA_F
ClientSampleId :

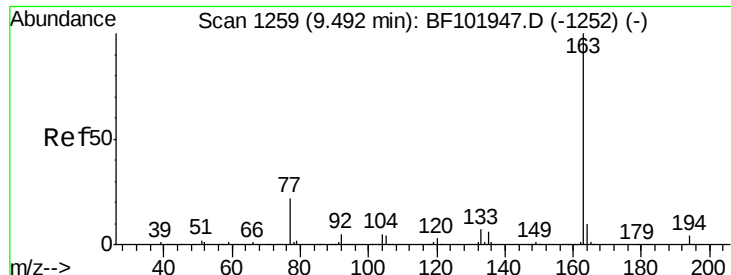
Tot Ion: 65 Resp: 247513
Ion Ratio Lower Upper
65 100
92 68.3 55.8 83.6
138 119.0 91.2 136.8



#48
Acenaphthylene
Concen: 38.639 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion: 152 Resp: 1153930
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.7 10.7 16.1

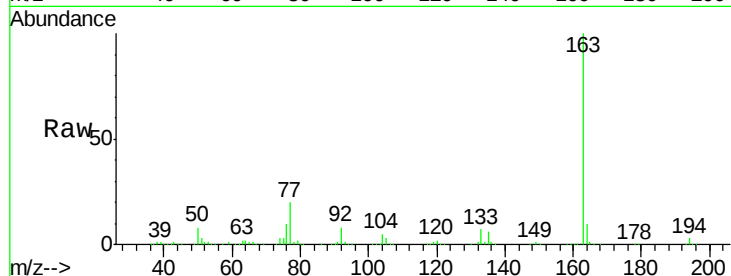




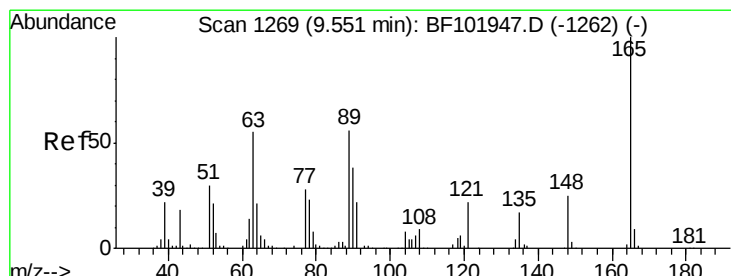
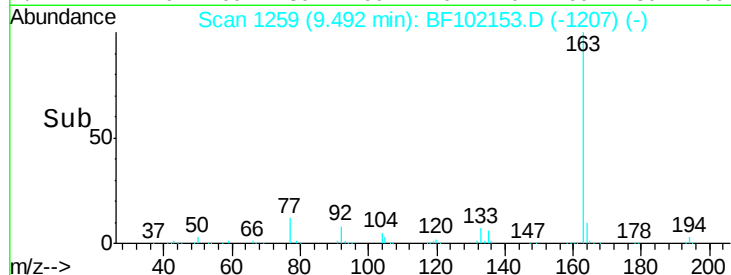
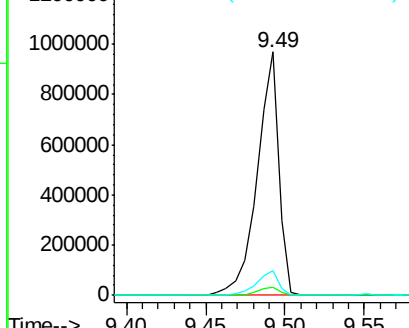
#49
Dimethylphthalate
Concen: 41.776 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 920117
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.2 12.2

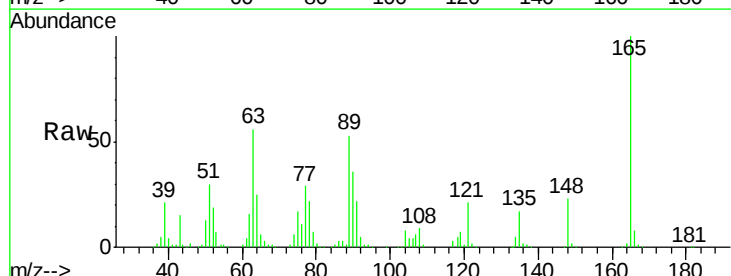


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

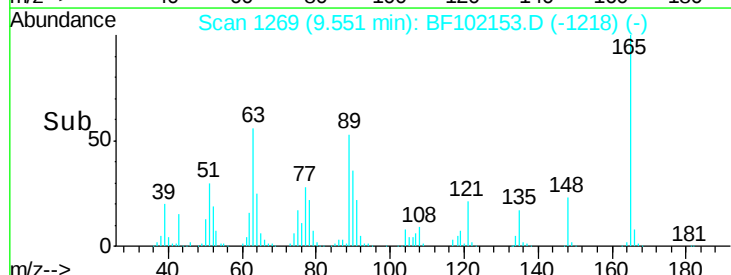
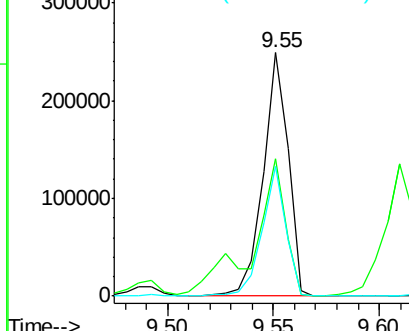


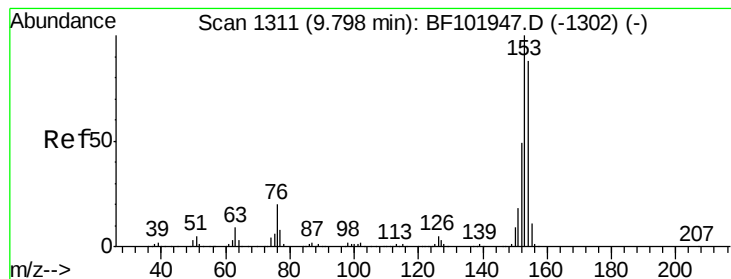
#50
2,6-Dinitrotoluene
Concen: 46.519 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion:165 Resp: 204659
Ion Ratio Lower Upper
165 100
63 56.3 44.7 67.1
89 53.4 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: 37.634 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampled :

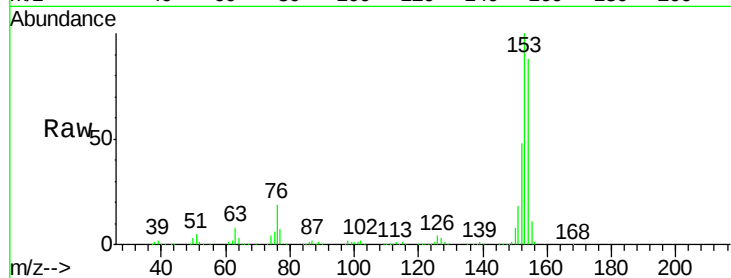
Tot Ion:154 Resp: 682182

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

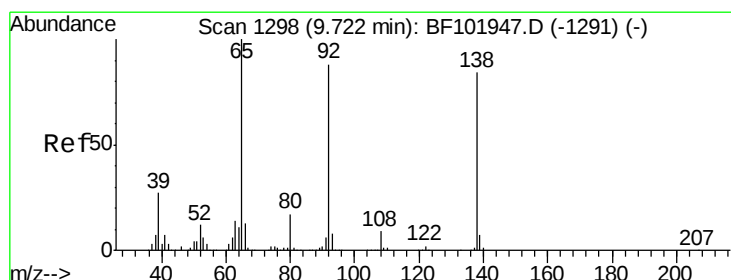
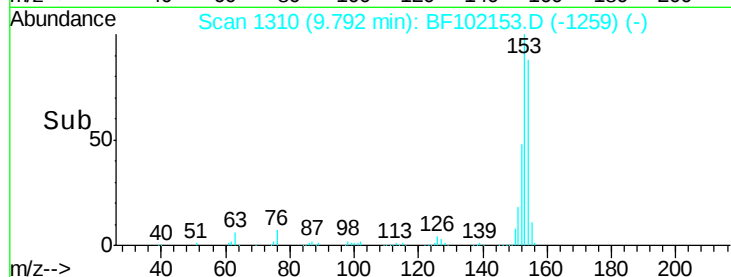
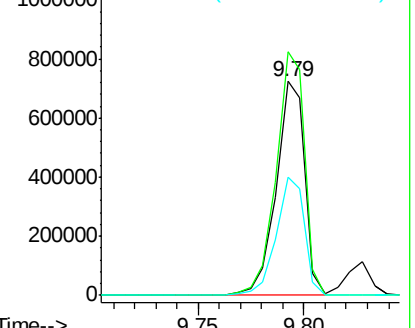
152 55.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.809 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

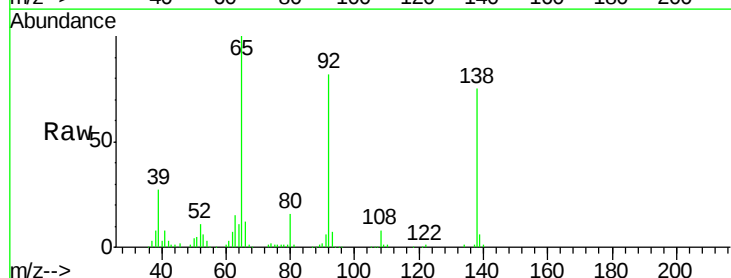
Tgt Ion:138 Resp: 143304

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

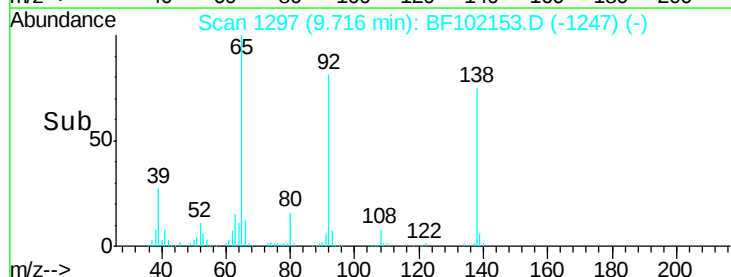
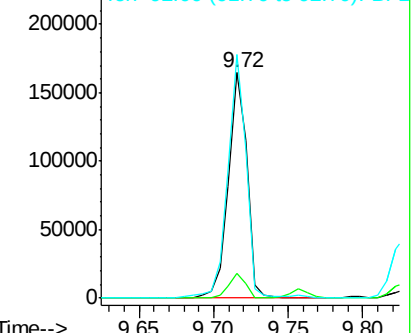
92 108.0 89.4 134.2

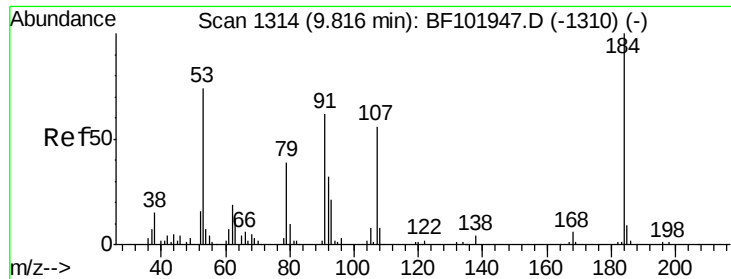


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

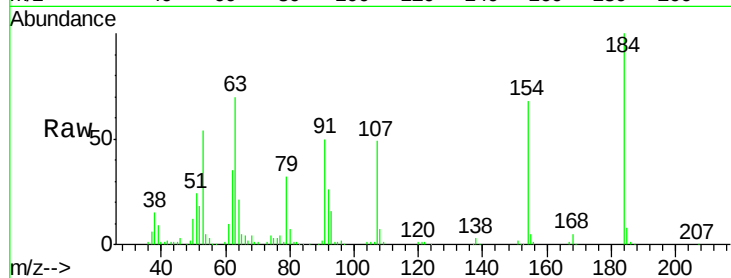




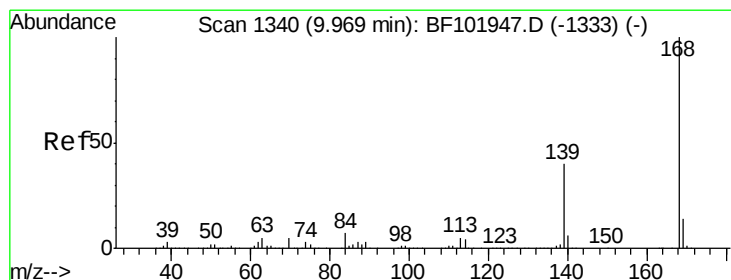
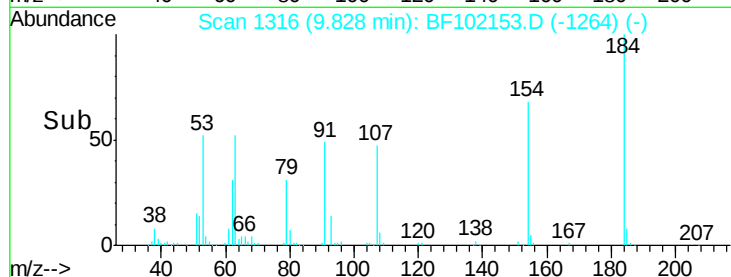
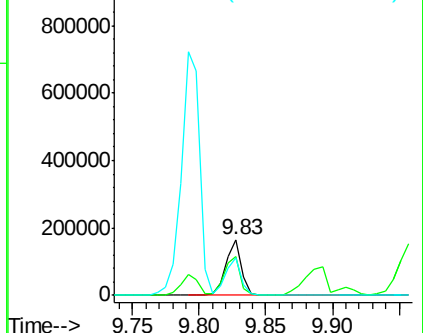
#53
2,4-Dinitrophenol
Concen: 82.298 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 138837
Ion Ratio Lower Upper
184 100
63 70.0 54.2 81.2
154 67.9 184.0 276.0#

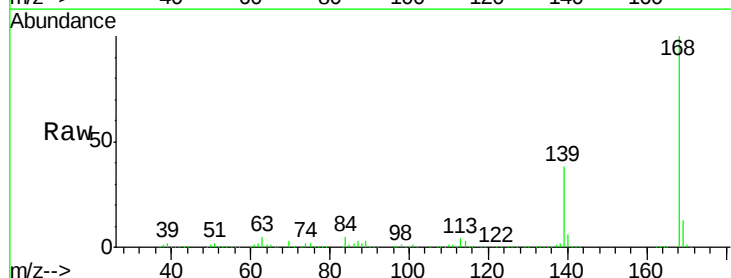


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

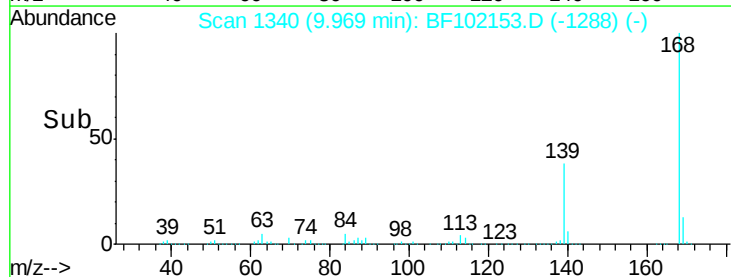
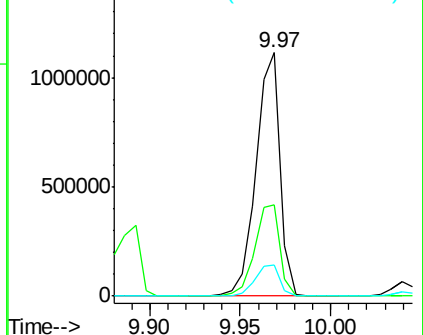


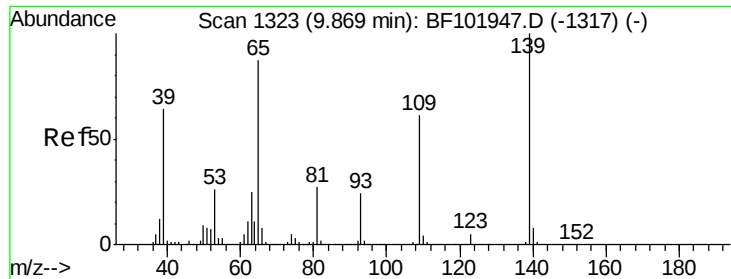
#54
Dibenzofuran
Concen: 40.986 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion:168 Resp: 1019623
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 12.6 10.9 16.3



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

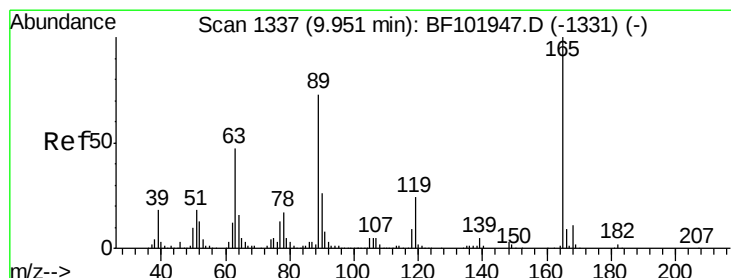
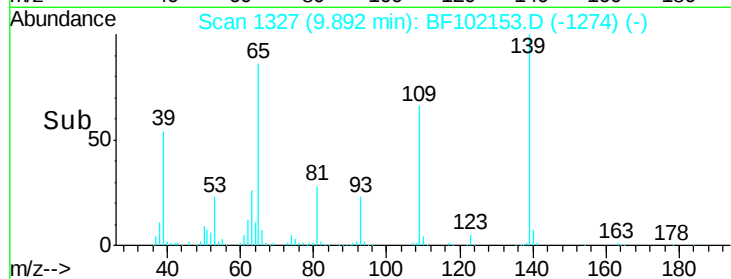
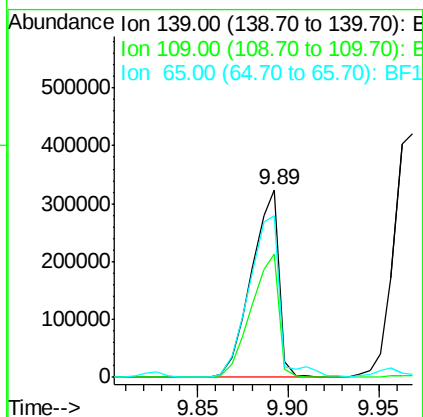
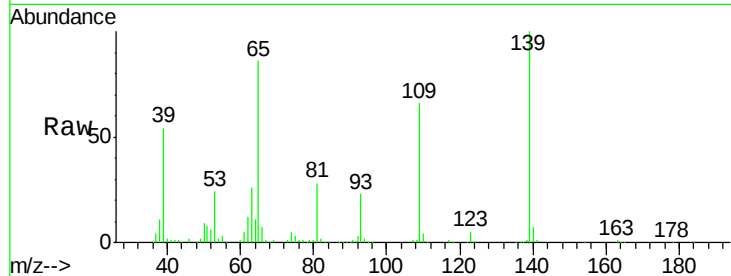




#55
4-Nitrophenol
Concen: 82.912 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

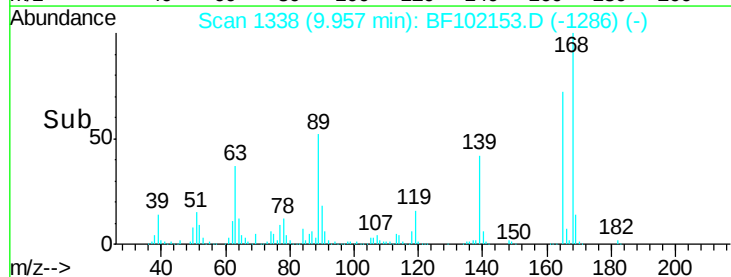
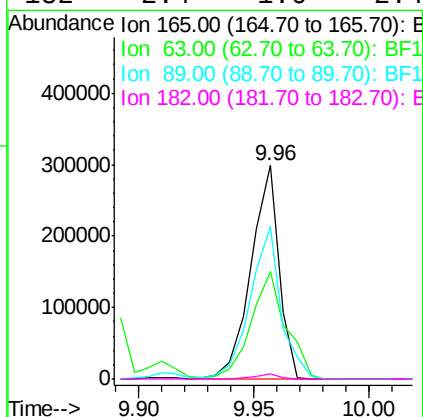
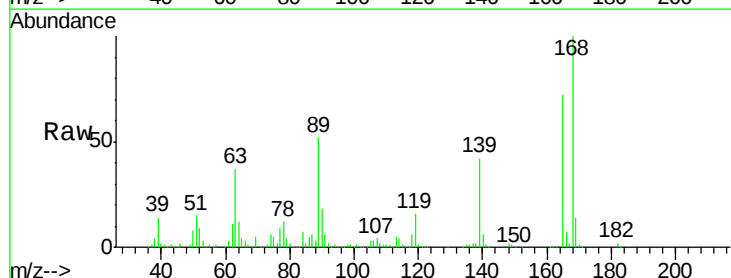
Instrument :
BNA_F
ClientSampleId :

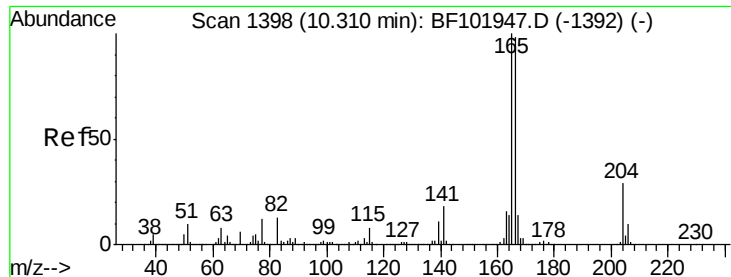
Tot Ion:139 Resp: 343078
Ion Ratio Lower Upper
139 100
109 65.8 48.4 88.4
65 86.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 46.312 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion:165 Resp: 255377
Ion Ratio Lower Upper
165 100
63 50.6 36.4 54.6
89 71.3 57.8 86.6
182 2.4 1.6 2.4

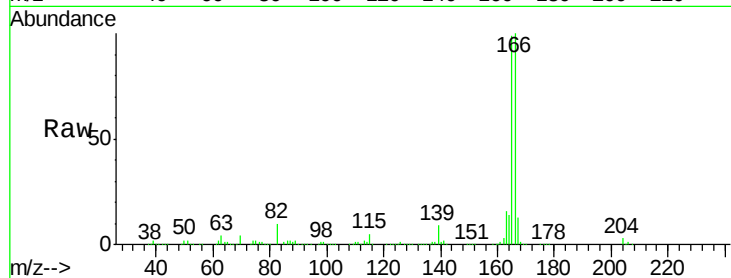




#57
 Fluorene
 Concen: 44.529 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	12.9	10.6	16.0

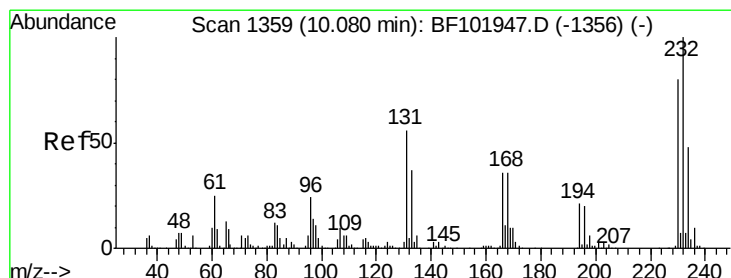
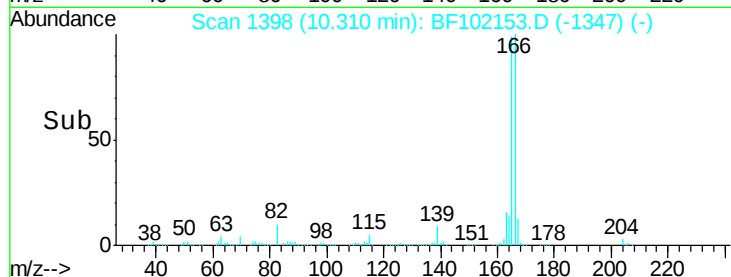
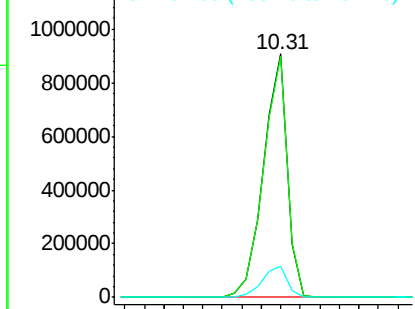


Abundance

Ion 166.00 (165.70 to 166.70): E

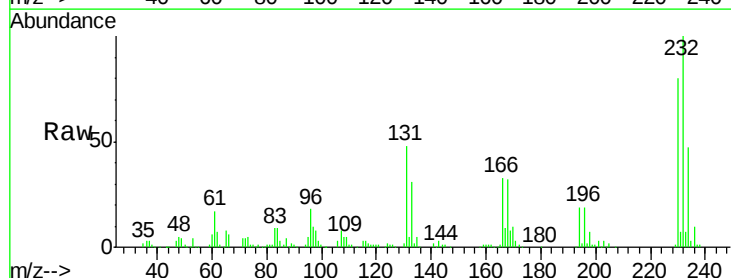
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.950 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.0	43.8	65.8
130	2.5	2.1	3.1
166	35.4	27.8	41.6



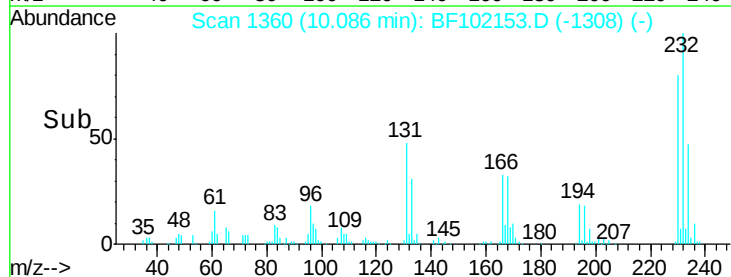
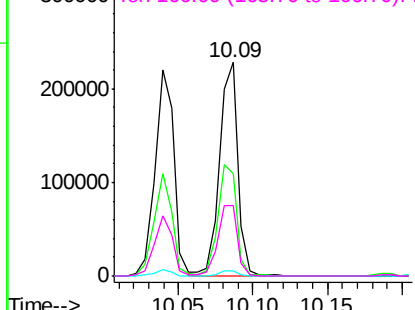
Abundance

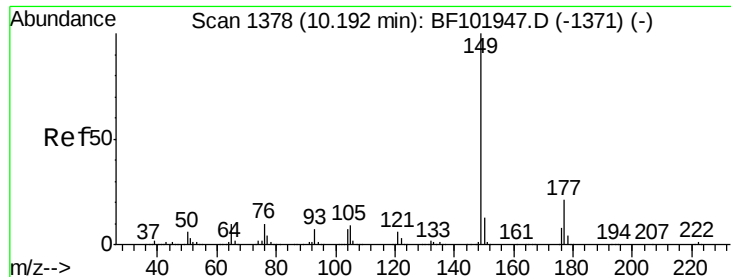
Ion 232.00 (231.70 to 232.70): E

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

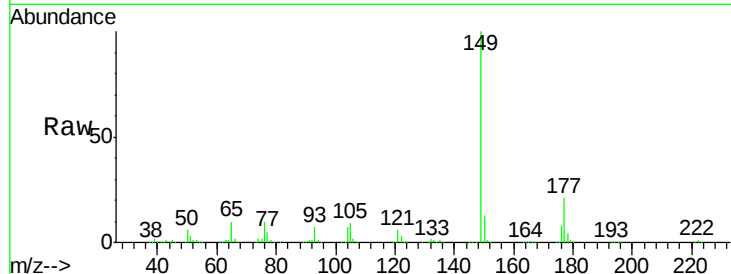




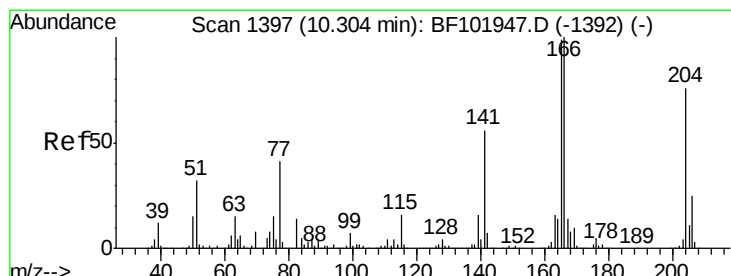
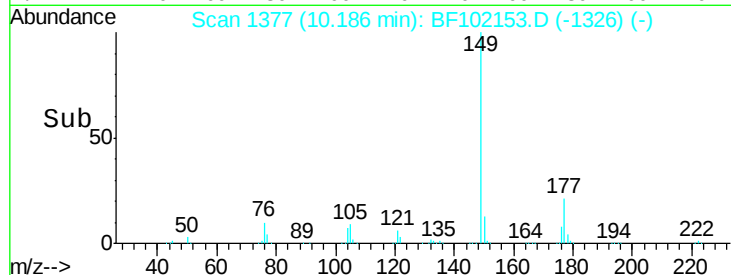
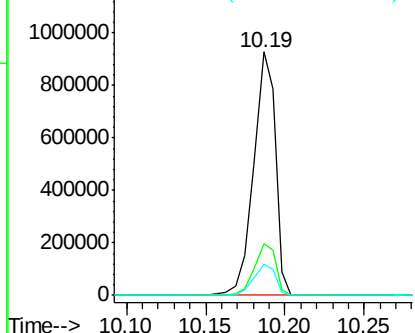
#59
Diethylphthalate
Concen: 40.455 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 886315
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.8 10.1 15.1

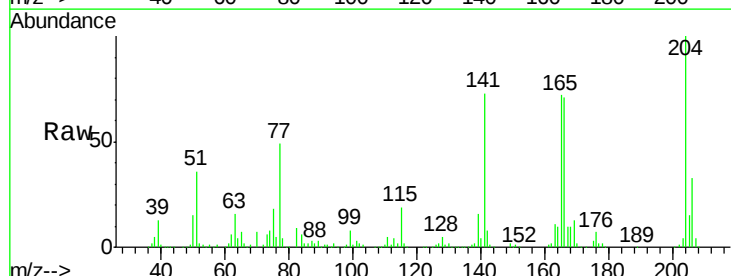


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

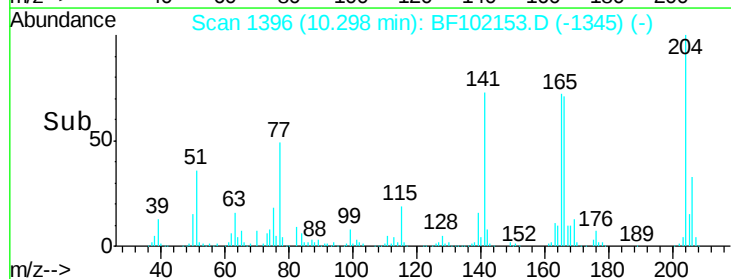
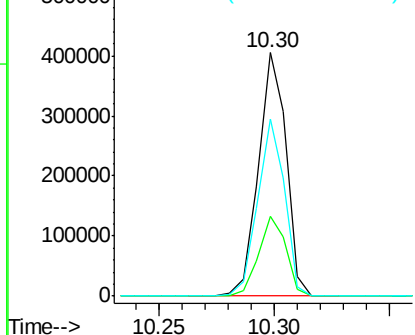


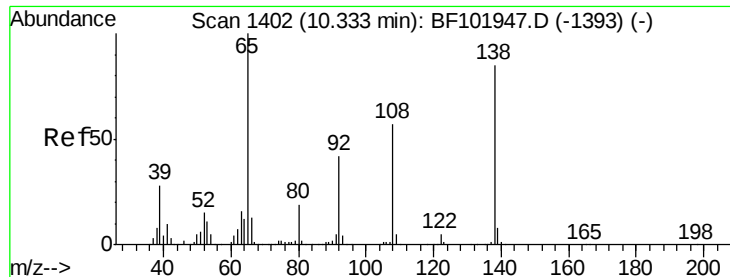
#60
4-Chlorophenyl-phenylether
Concen: 46.295 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion:204 Resp: 339020
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 72.7 54.6 81.8



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

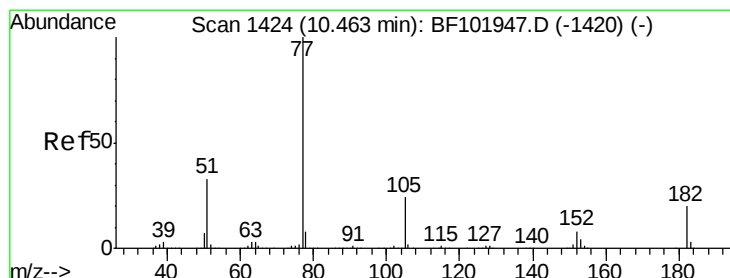
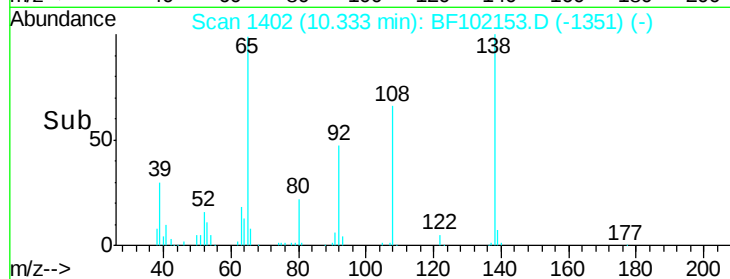
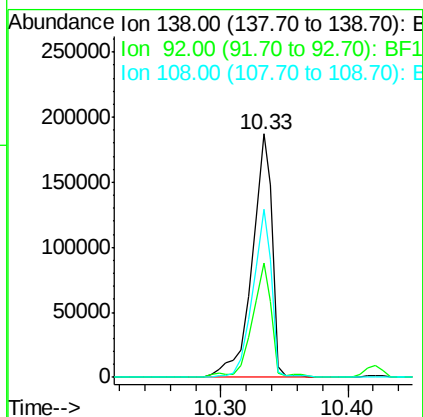
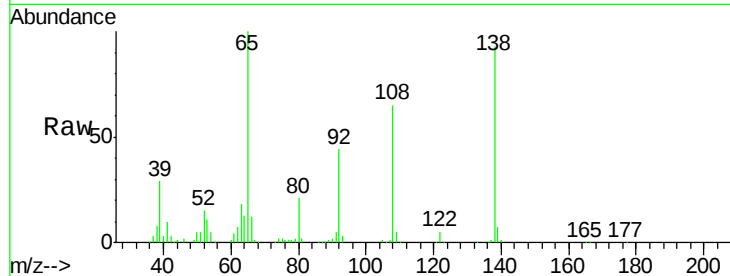




#61
4-Nitroaniline
Concen: 39.362 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

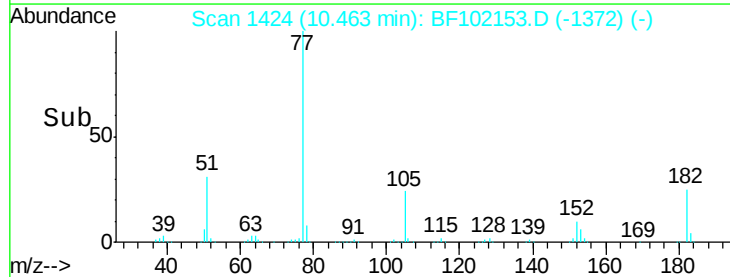
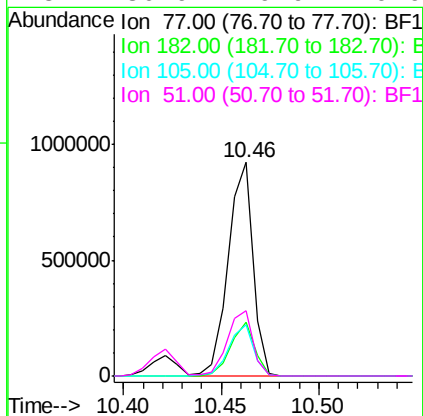
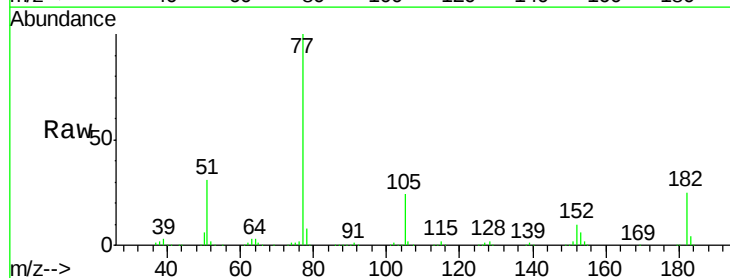
Instrument :
BNA_F
ClientSampled :

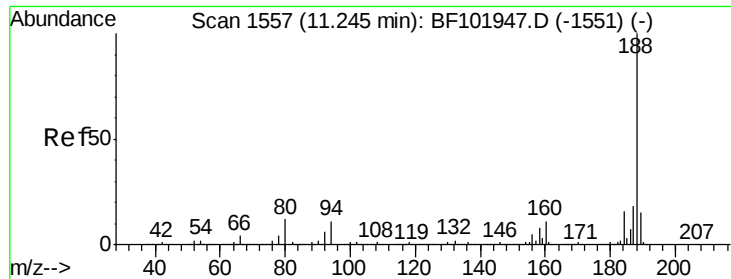
Tot Ion:138 Resp: 207414
Ion Ratio Lower Upper
138 100
92 47.0 30.2 70.2
108 69.3 52.5 92.5



#62
Azobenzene
Concen: 37.227 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion: 77 Resp: 811469
Ion Ratio Lower Upper
77 100
182 25.4 1.7 41.7
105 24.1 3.0 43.0
51 30.9 9.9 49.9

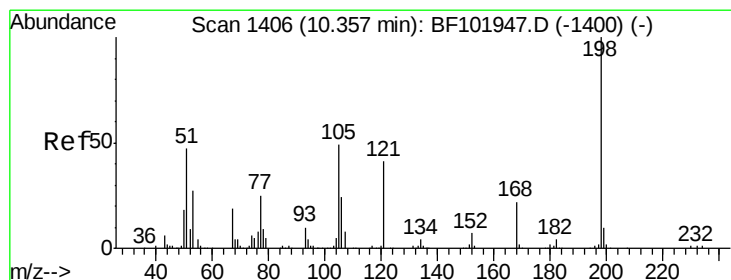
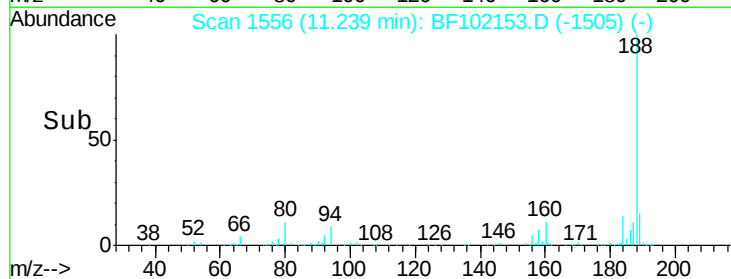
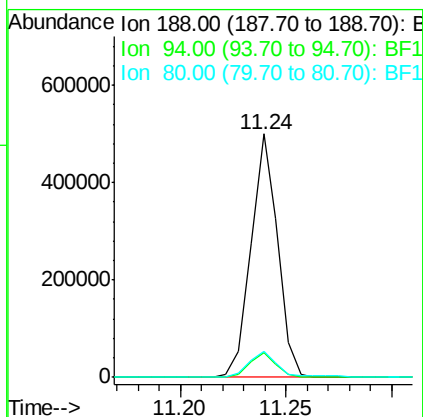
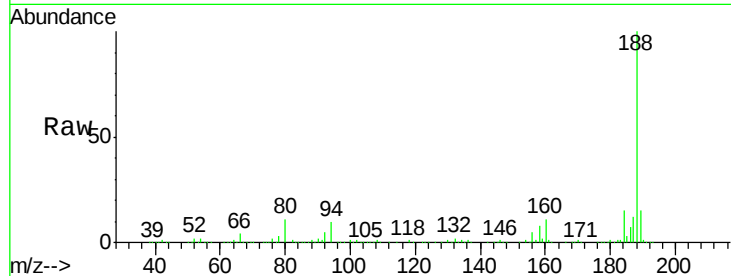




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

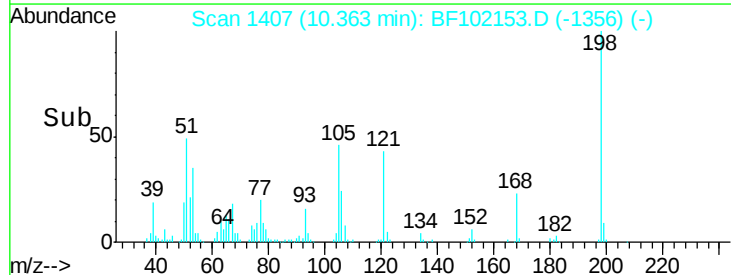
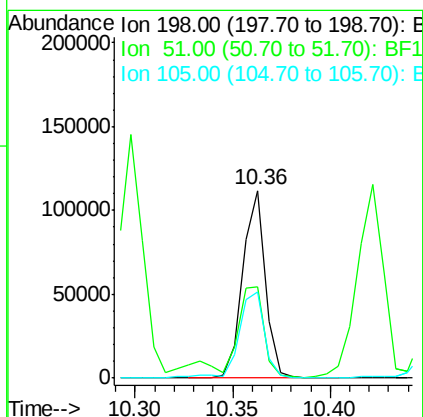
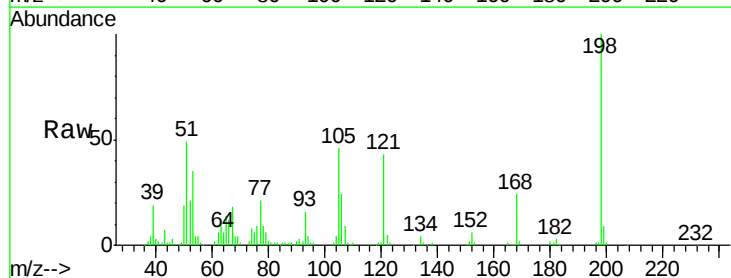
Instrument :
BNA_F
ClientSampleId :

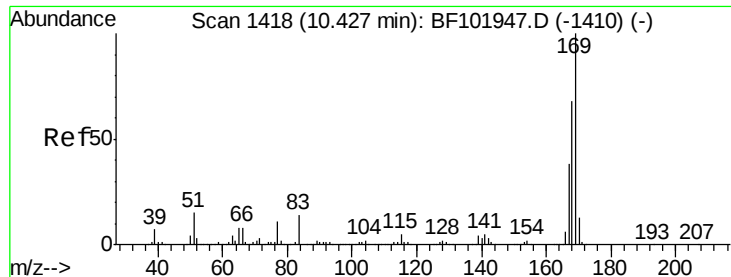
Tot Ion:188 Resp: 437676
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 39.107 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion:198 Resp: 90133
Ion Ratio Lower Upper
198 100
51 48.7 37.7 77.7
105 46.2 36.3 76.3

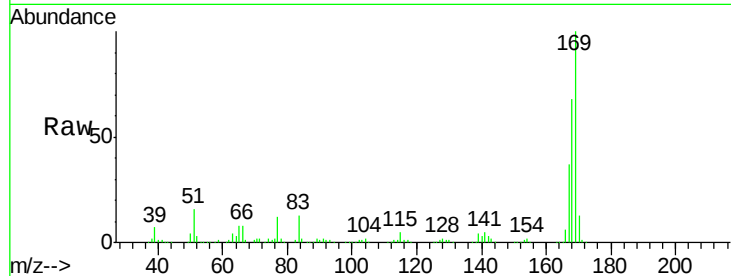




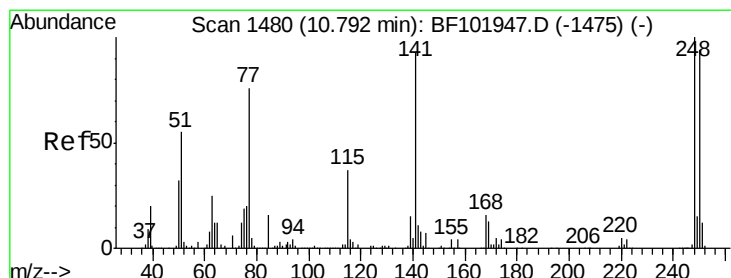
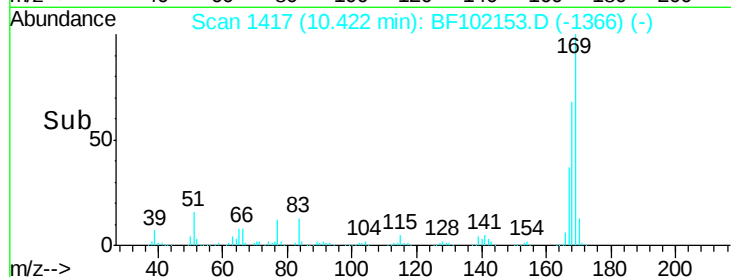
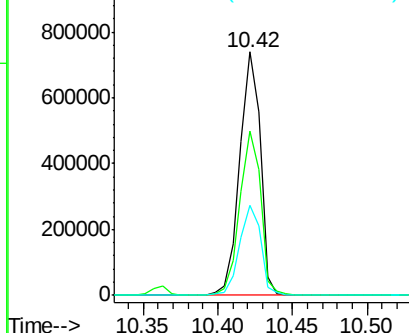
#65
n-Nitrosodiphenylamine
Concen: 43.602 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 714595
Ion Ratio Lower Upper
169 100
168 67.6 54.4 81.6
167 36.9 29.8 44.6

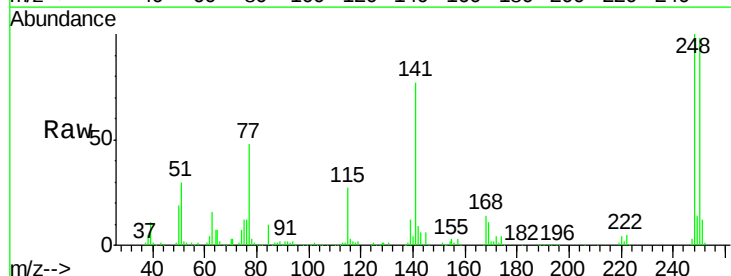


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

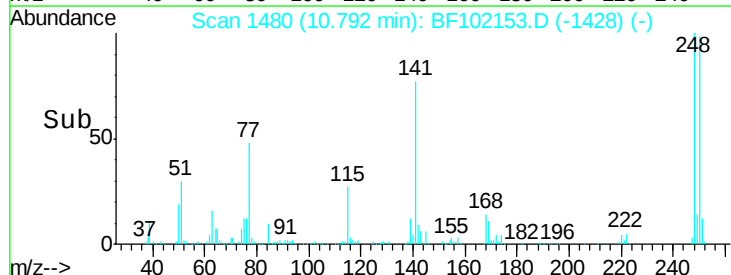
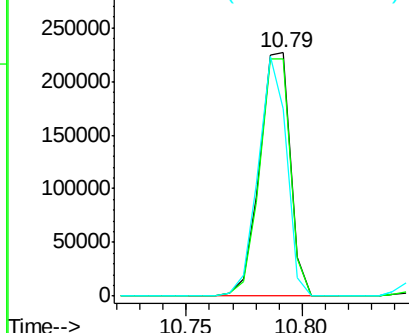


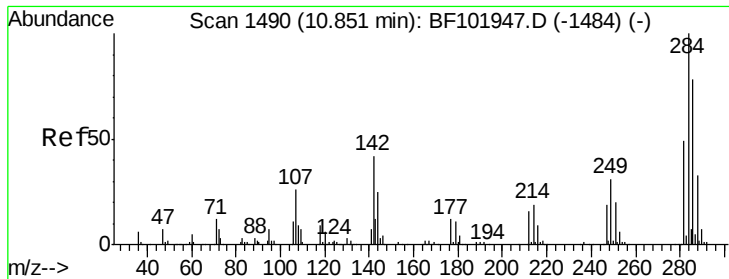
#66
4-Bromophenyl-phenylether
Concen: 45.742 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion:248 Resp: 211421
Ion Ratio Lower Upper
248 100
250 97.6 76.9 115.3
141 76.7 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

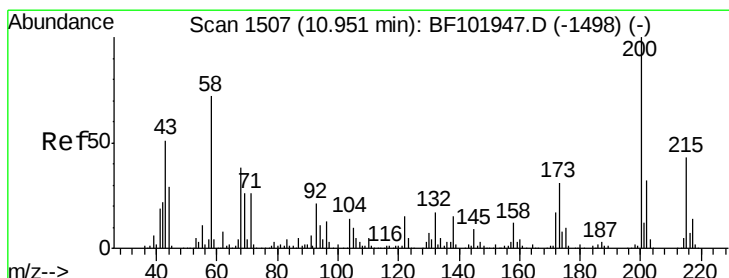
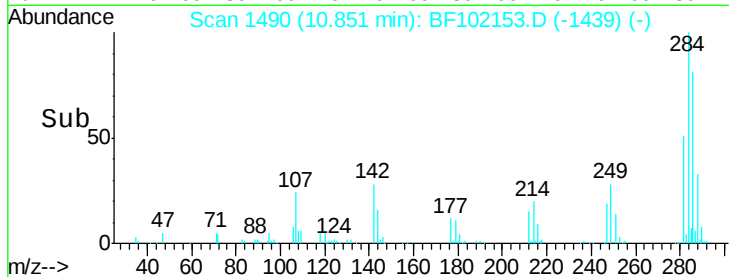
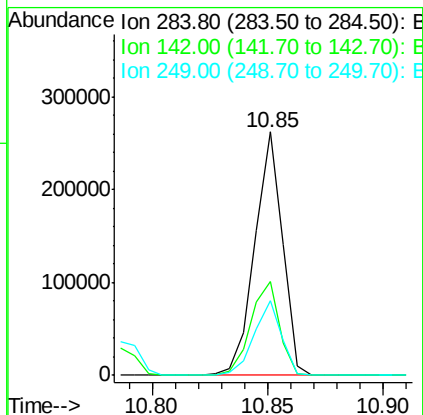
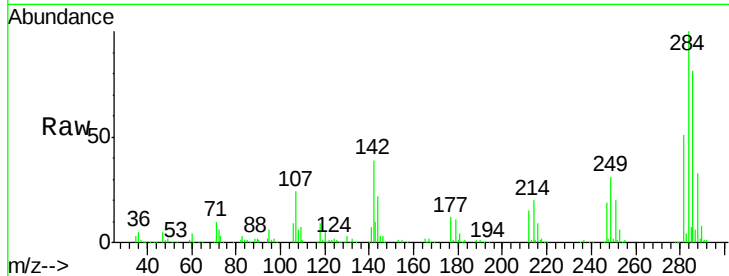




#67
Hexachlorobenzene
Concen: 43.687 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

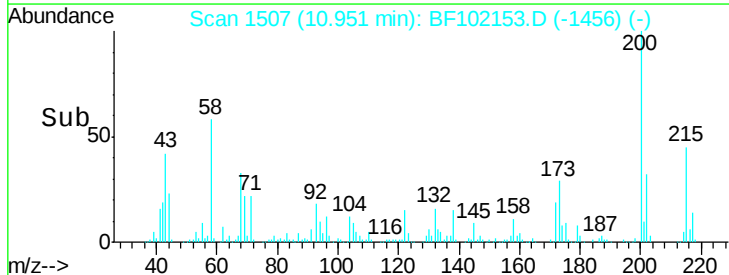
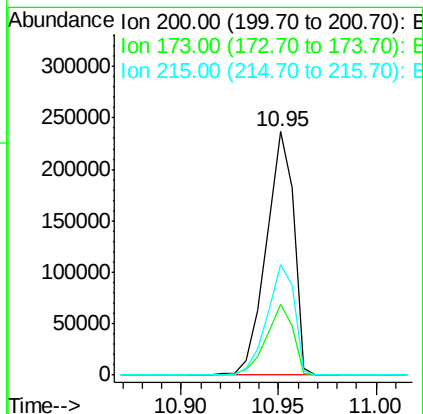
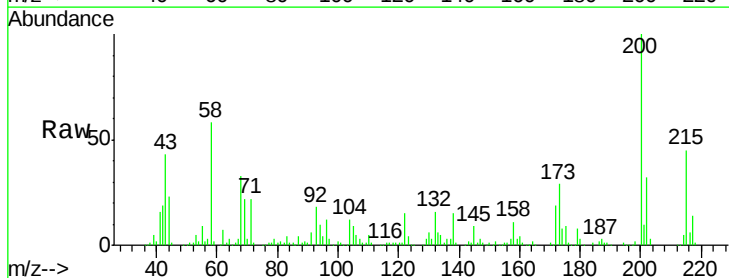
Instrument :
BNA_F
ClientSampleId :

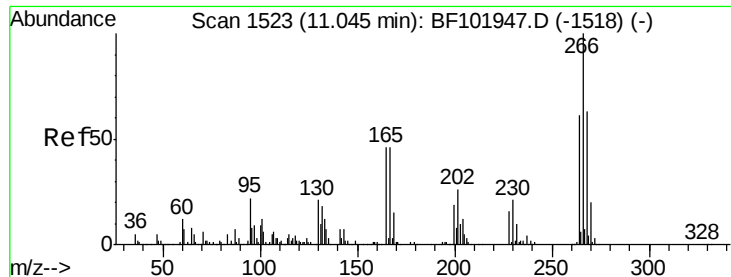
Tot Ion:284 Resp: 220441
Ion Ratio Lower Upper
284 100
142 38.7 34.6 52.0
249 30.7 24.8 37.2



#68
Atrazine
Concen: 48.743 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion:200 Resp: 230867
Ion Ratio Lower Upper
200 100
173 29.0 8.6 48.6
215 45.2 25.1 65.1

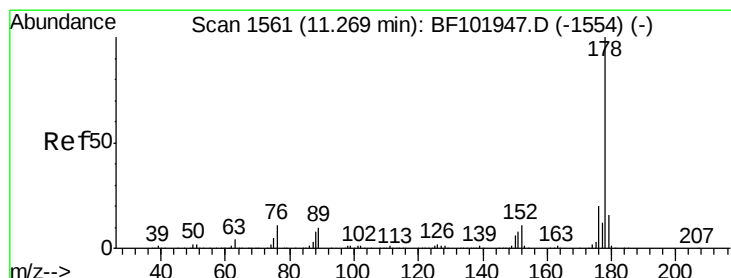
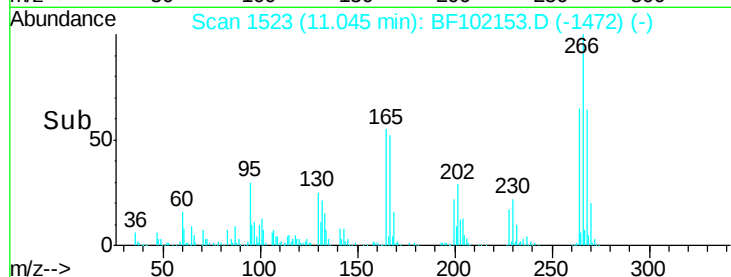
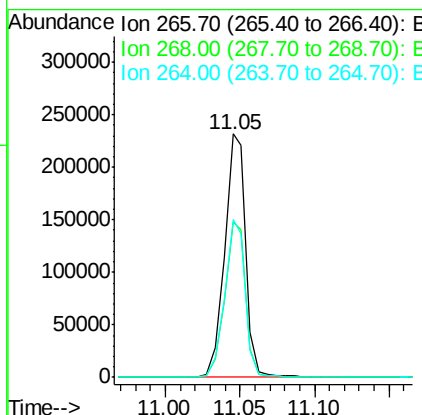
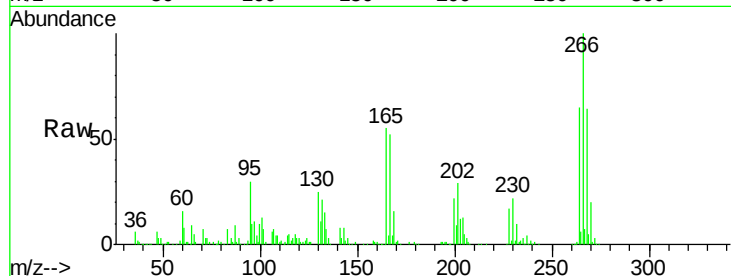




#69
 Pentachlorophenol
 Concen: 75.316 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

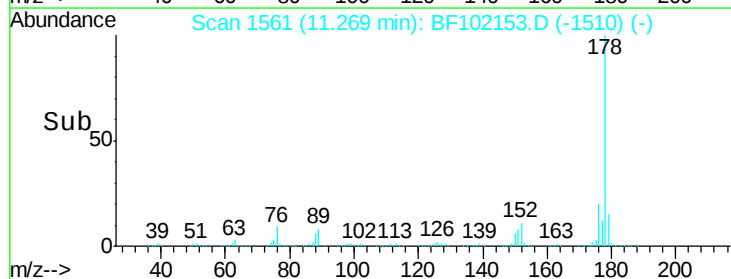
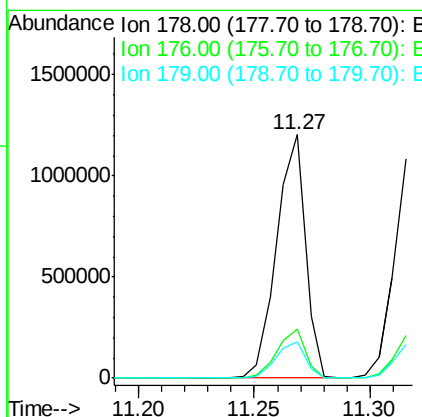
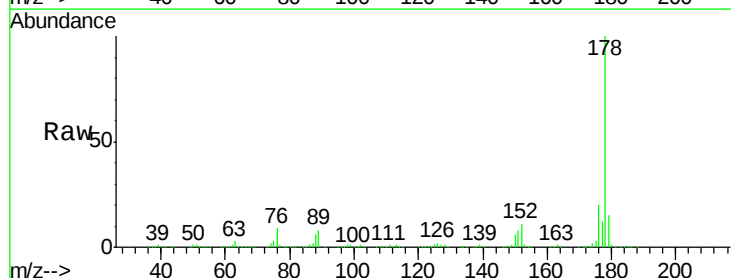
Instrument :
 BNA_F
 ClientSampleId :

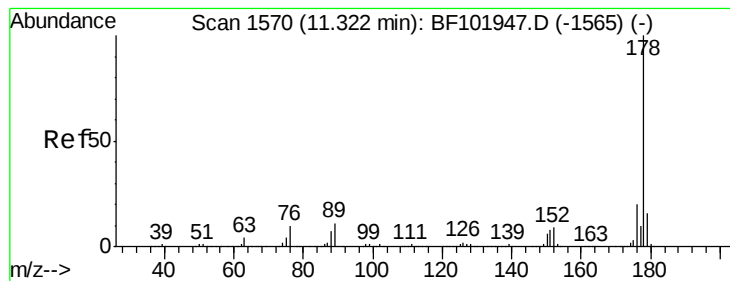
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	64.8	49.5	74.3



#70
 Phenanthrene
 Concen: 40.784 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.0	13.0	19.6



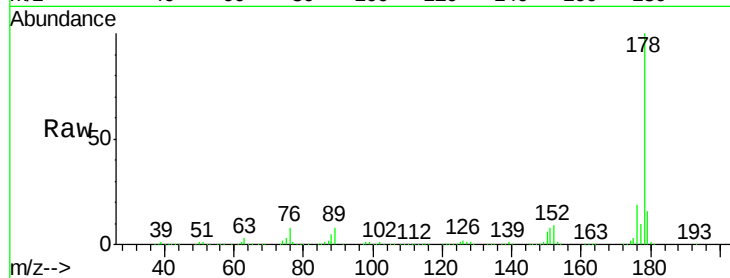


#71
 Anthracene
 Concen: 41.770 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

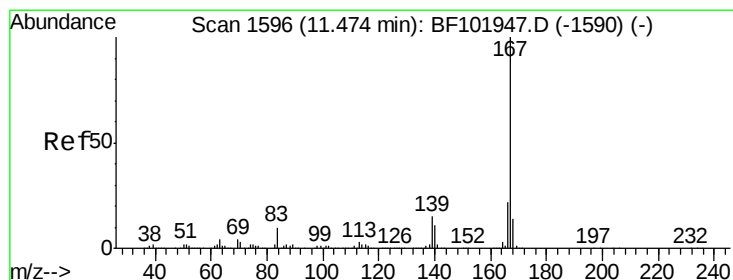
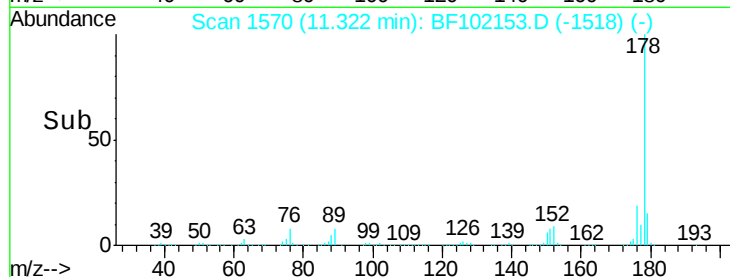
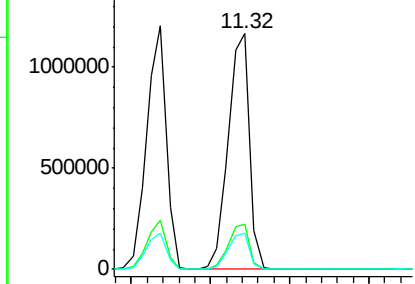
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1083046

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.5	12.6	19.0



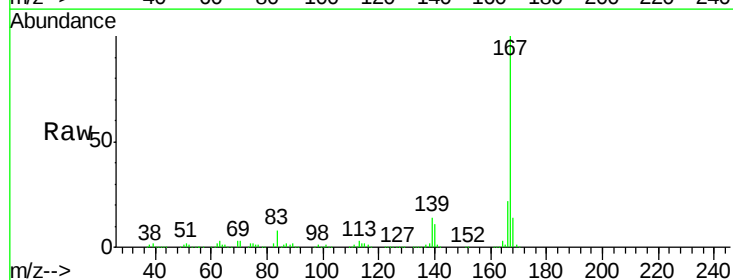
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



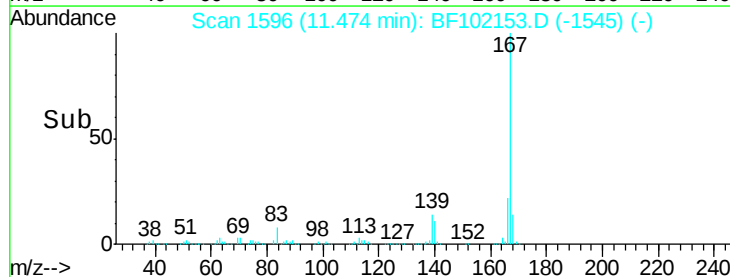
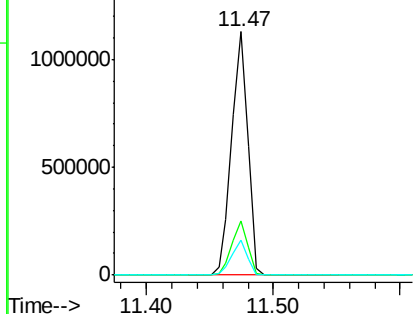
#72
 Carbazole
 Concen: 38.935 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

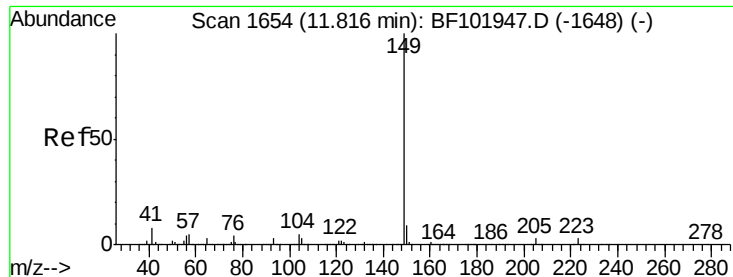
Tgt Ion:167 Resp: 992264

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	14.1	10.9	16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.082 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

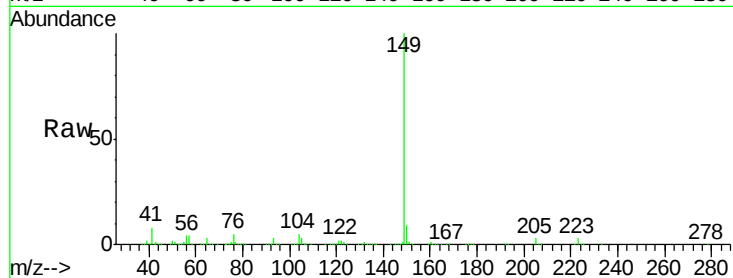
Tot Ion:149 Resp: 1315772

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

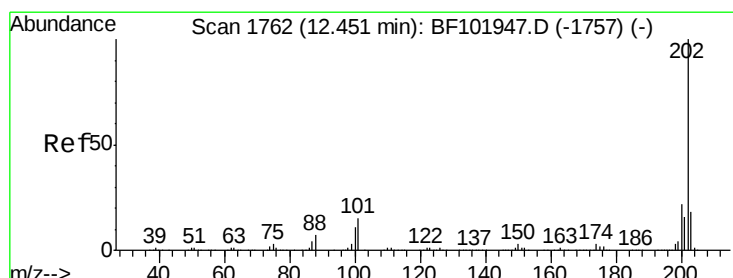
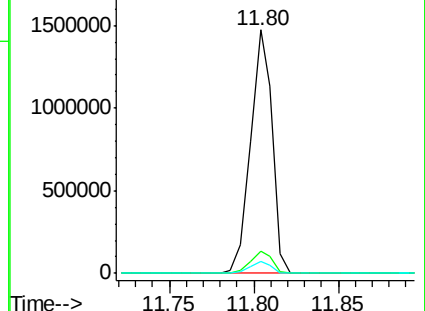
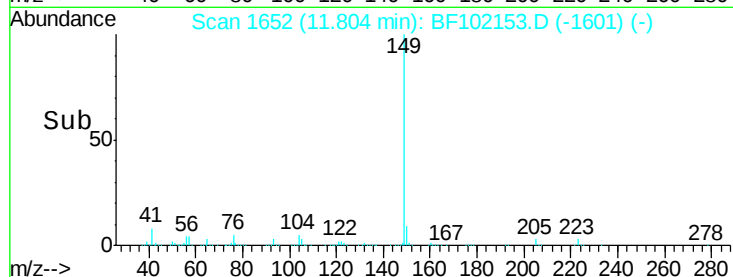
104 4.9 3.8 5.8



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: 37.090 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

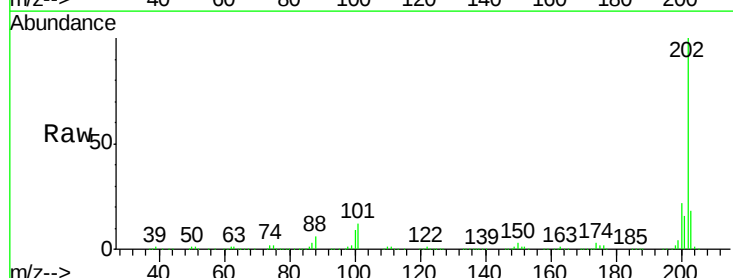
Tgt Ion:202 Resp: 932958

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

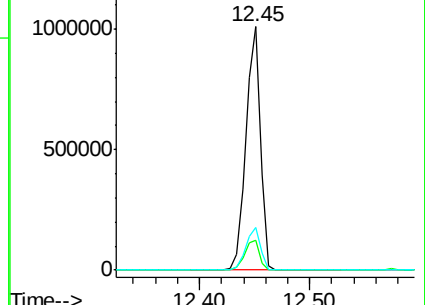
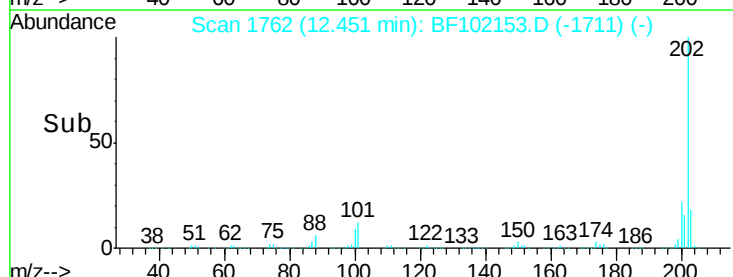
203 17.7 0.0 38.1

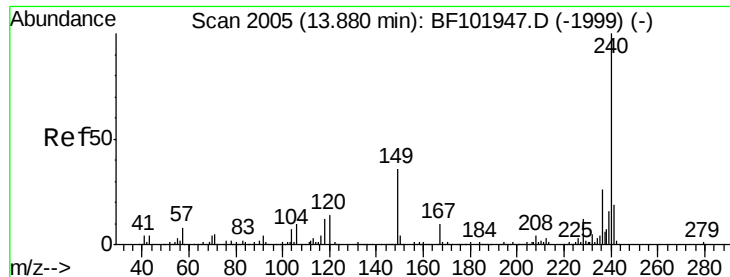


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2004

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

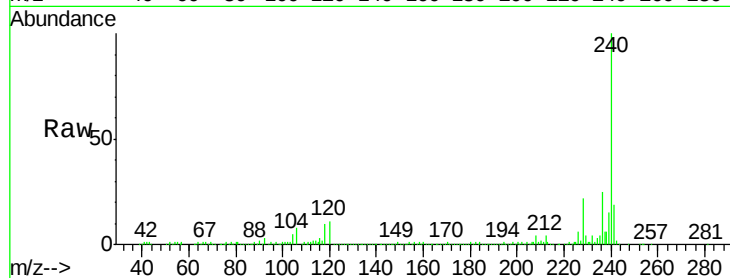
Tot Ion:240 Resp: 252543

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

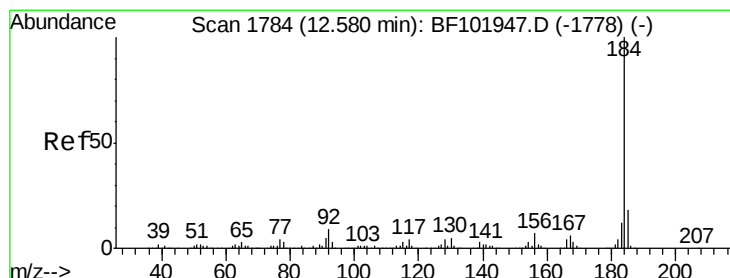
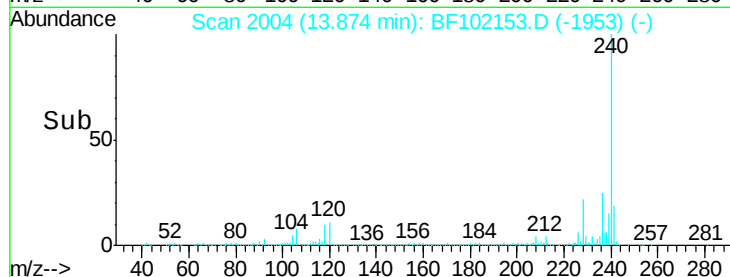
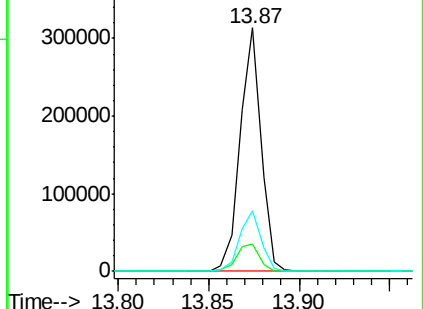
236 25.0 20.7 31.1



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: 39.232 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

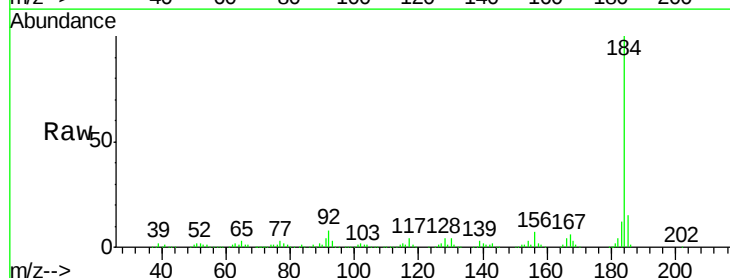
Tgt Ion:184 Resp: 478432

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

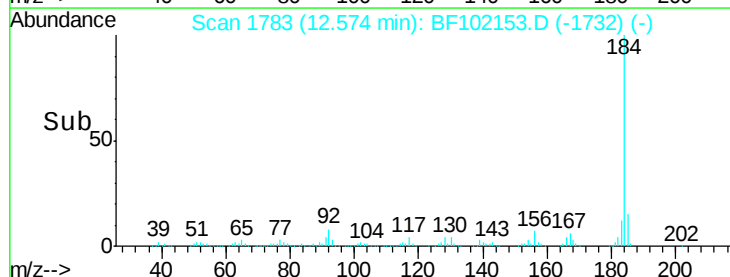
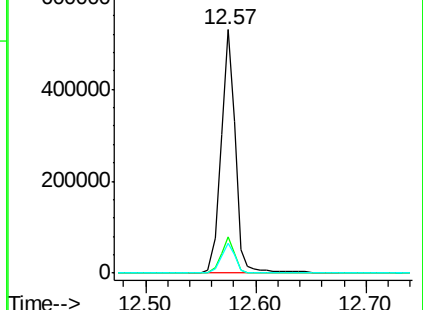
183 12.3 9.3 13.9

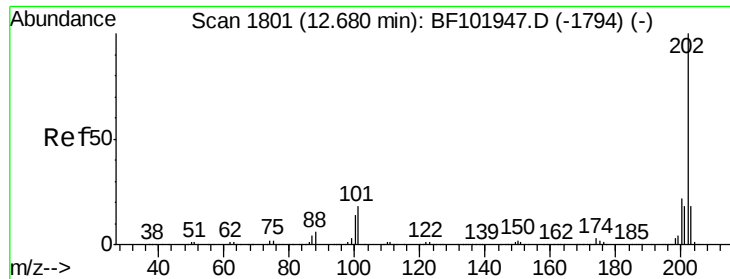


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

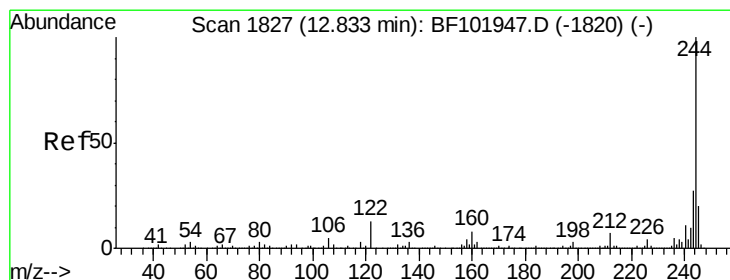
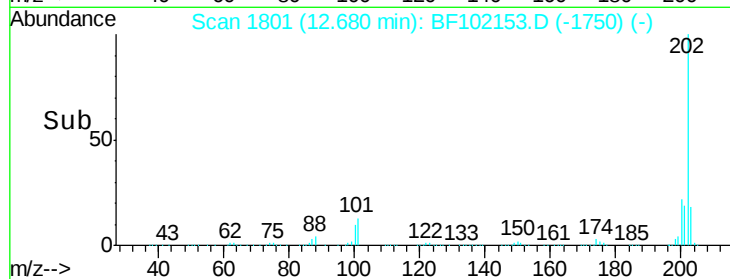
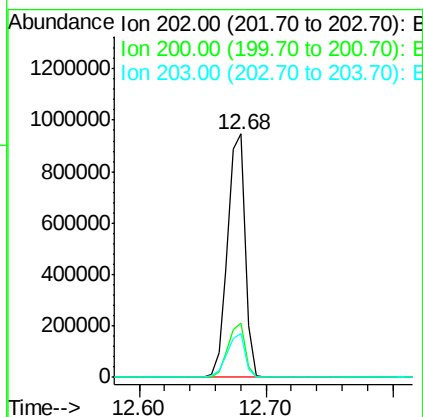
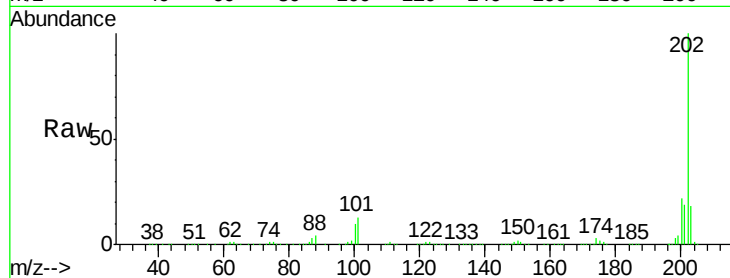




#77
Pvrene
Concen: 40.586 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

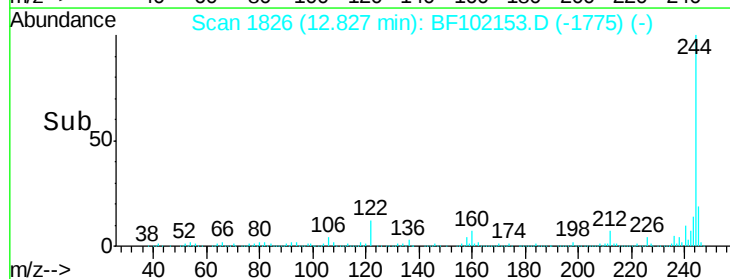
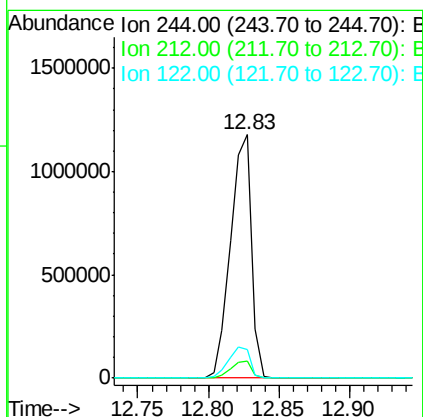
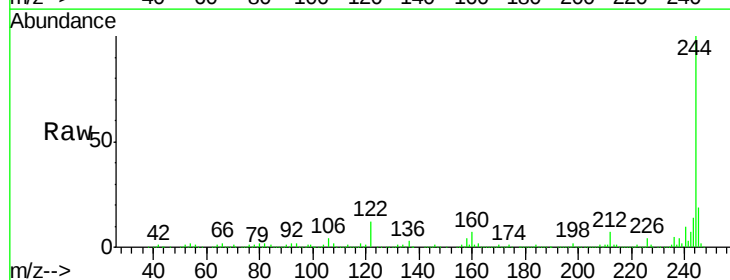
Instrument :
BNA_F
ClientSampleId :

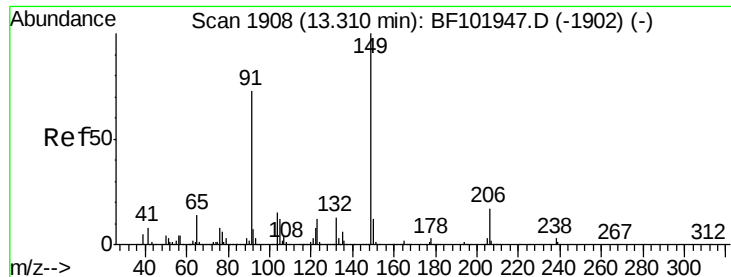
Tot Ion:202 Resp: 906013
Ion Ratio Lower Upper
202 100
200 22.4 17.4 26.2
203 18.2 14.3 21.5



#78
Terphenyl-d14
Concen: 99.803 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion:244 Resp: 1213943
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 11.7 11.0 16.4

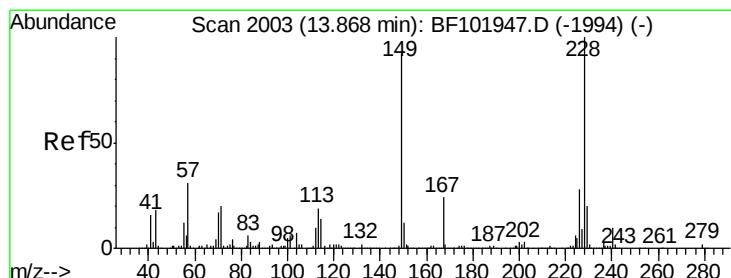
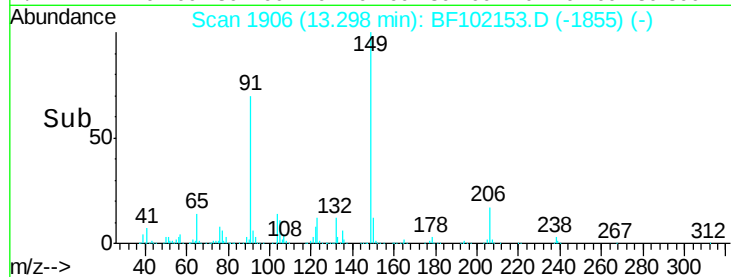
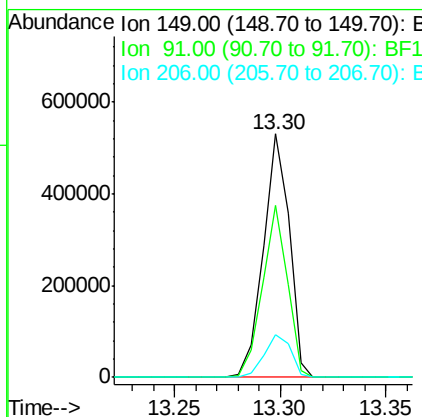
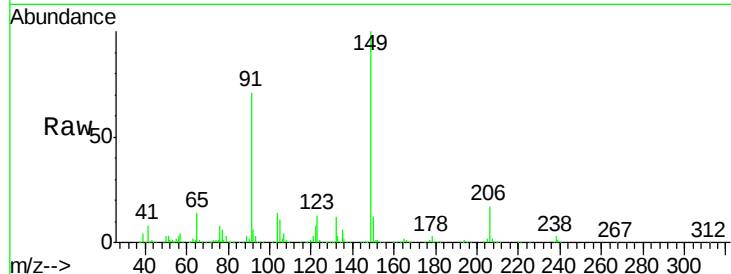




#79
 Butylbenzylphthalate
 Concen: 44.419 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

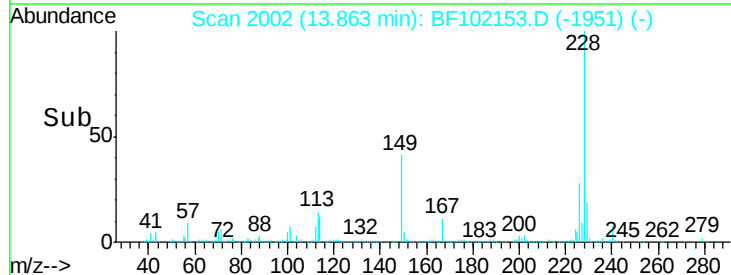
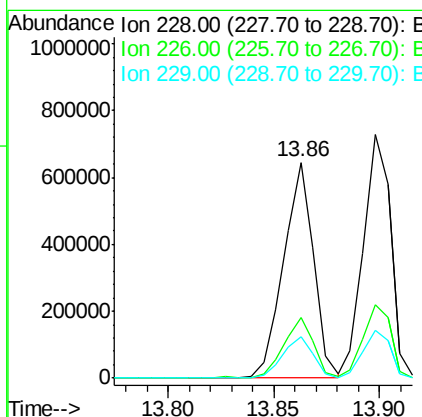
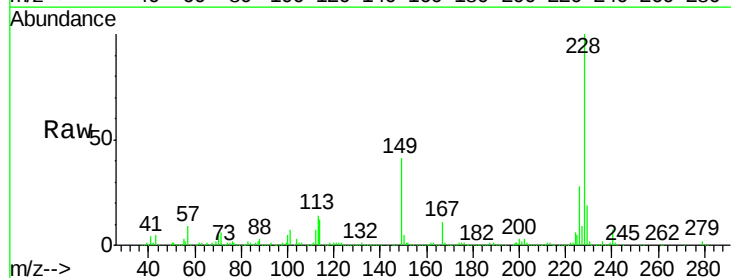
Instrument :
 BNA_F
 ClientSampleId :

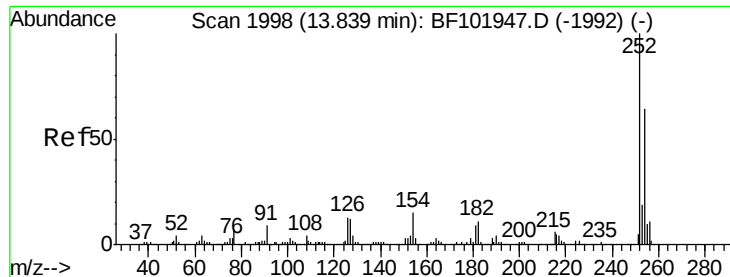
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.6	56.8	85.2
206	17.5	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 39.824 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.3	15.8	23.6

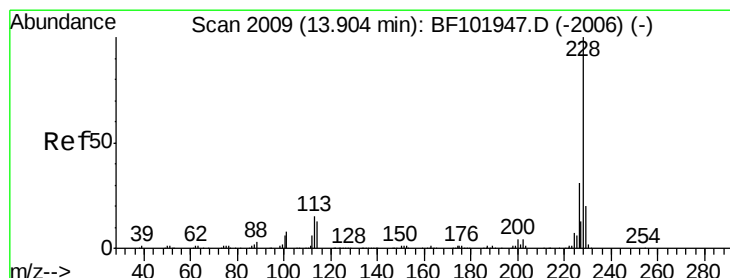
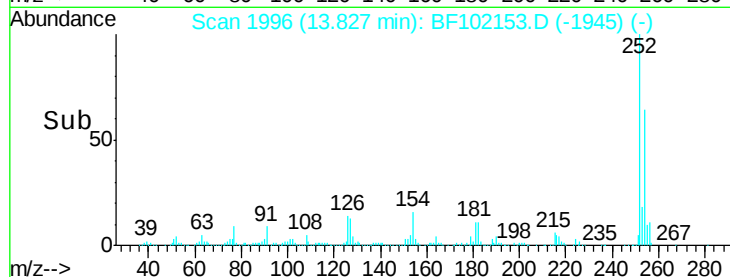
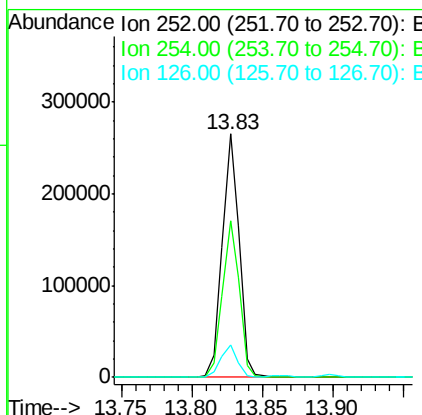
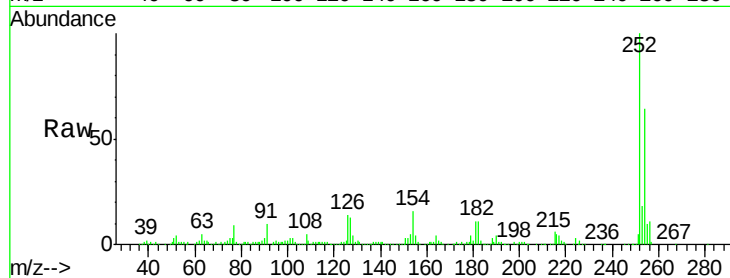




#81
 3,3'-Dichlorobenzidine
 Concen: 37.210 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

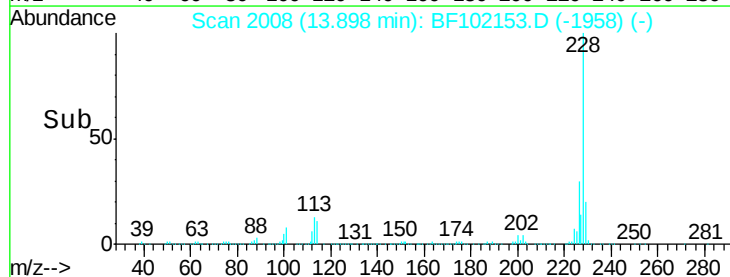
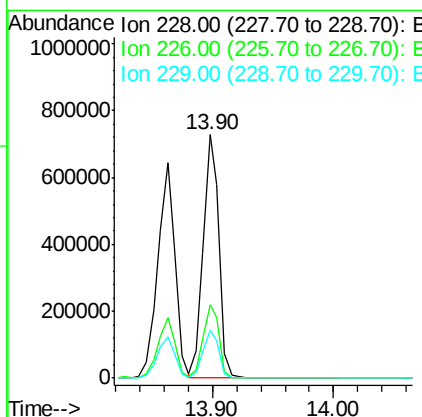
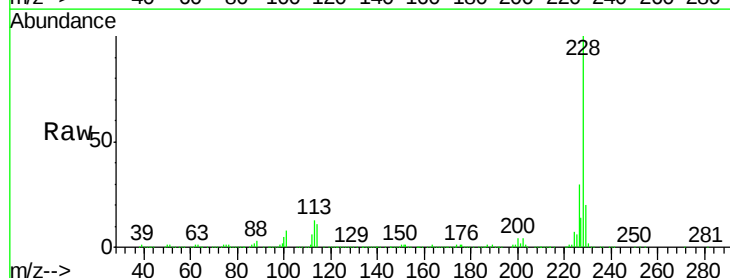
Instrument :
 BNA_F
 ClientSampleId :

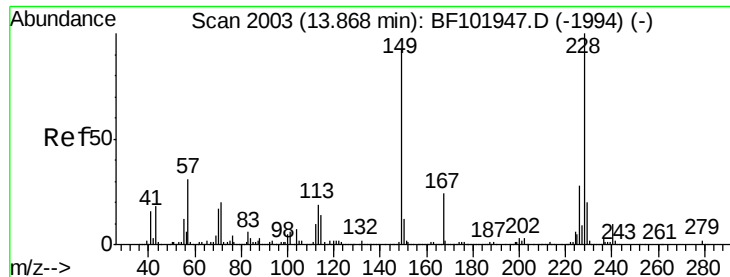
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	13.6	11.3	16.9



#82
 Chrysene
 Concen: 38.960 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF102153.D
 Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.230 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

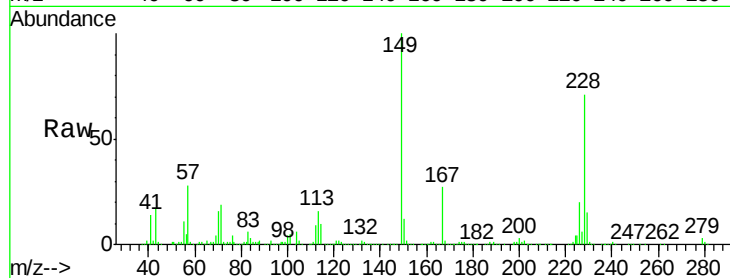
Tot Ion:149 Resp: 543308

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

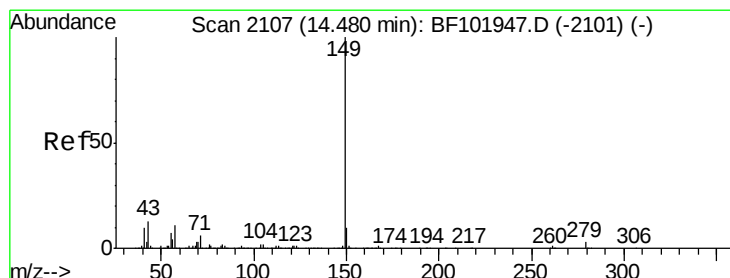
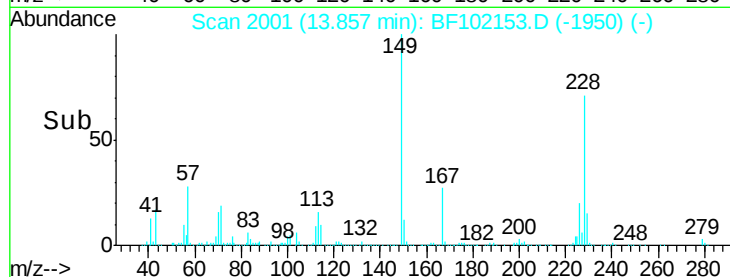
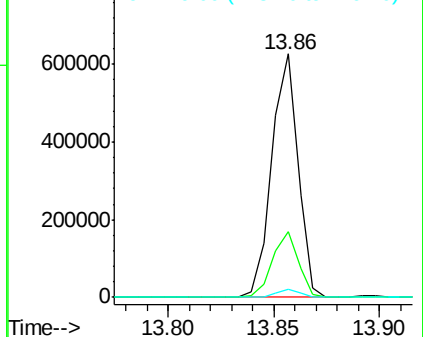
279 3.2 3.0 4.4



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: 44.764 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

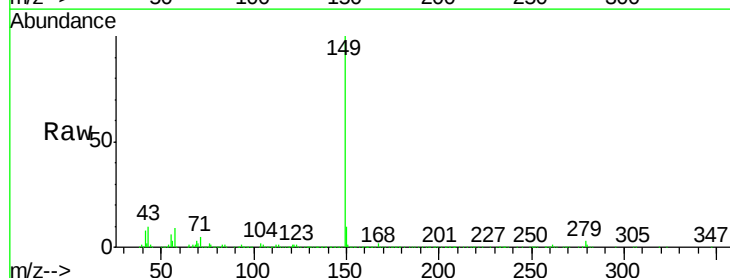
Tgt Ion:149 Resp: 872973

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

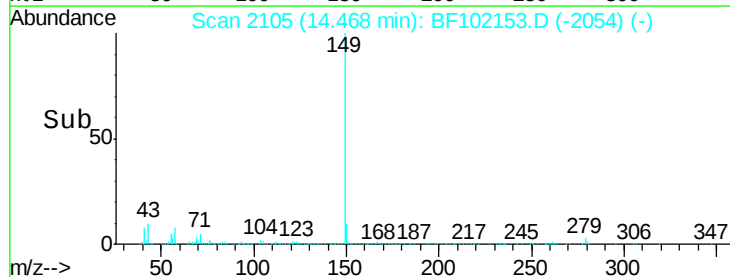
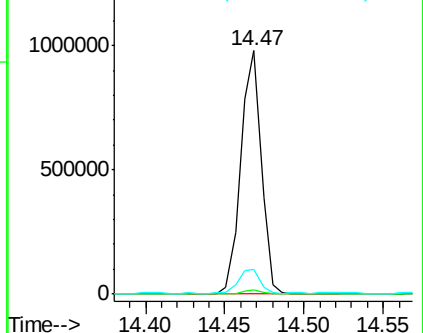
43 10.4 8.4 12.6

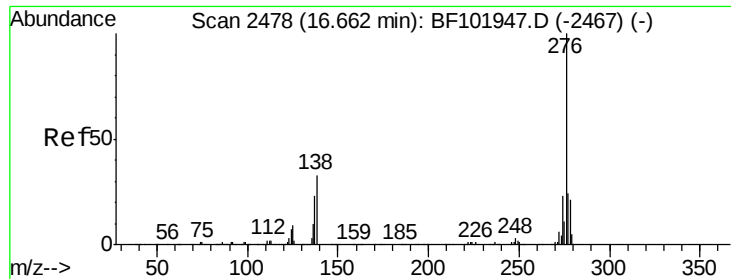


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

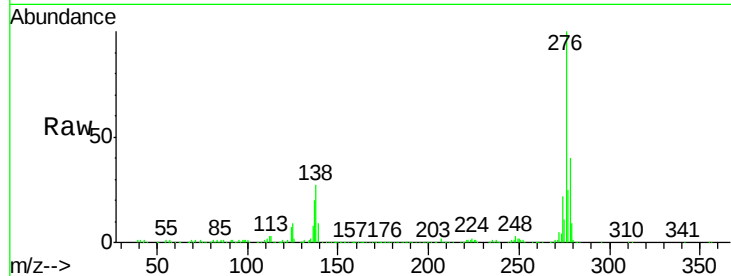




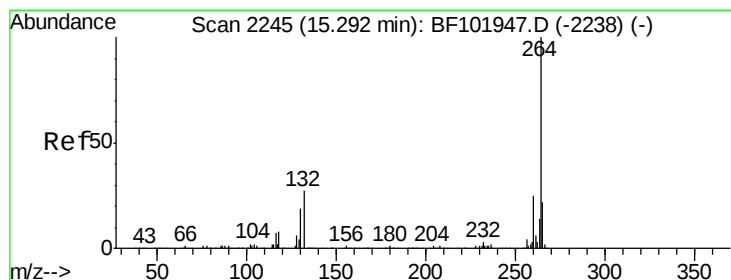
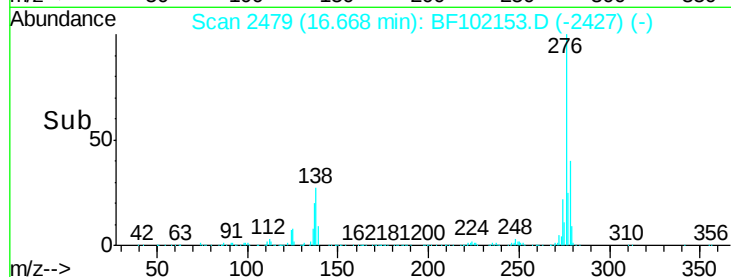
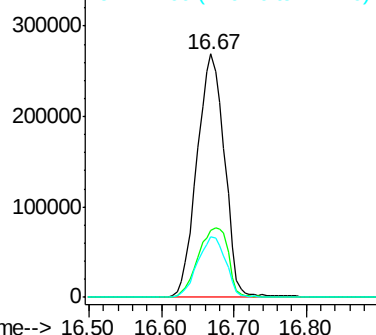
#85
Indeno(1,2,3-cd)pyrene
Concen: 58.187 ng
RT: 16.67 min Scan# 2479
Delta R.T. 0.01 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.6	25.0	37.6
277	25.5	20.1	30.1

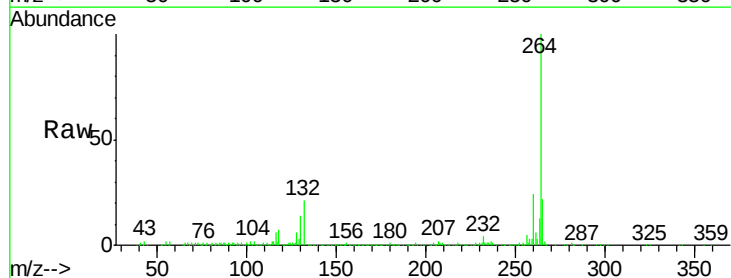


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

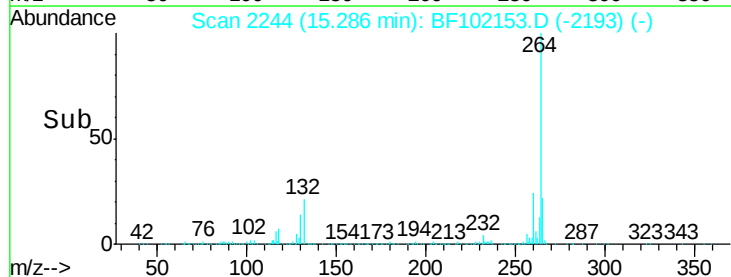
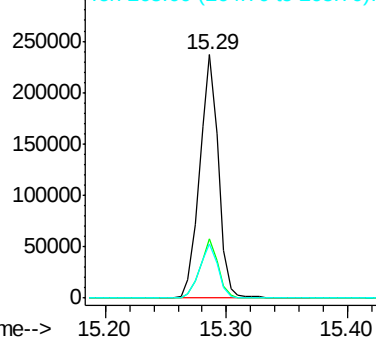


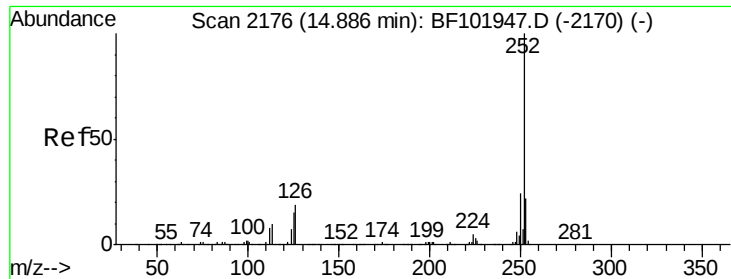
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF102153.D
Acq: 17 Jan 2018 16:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.5	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 39.898 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

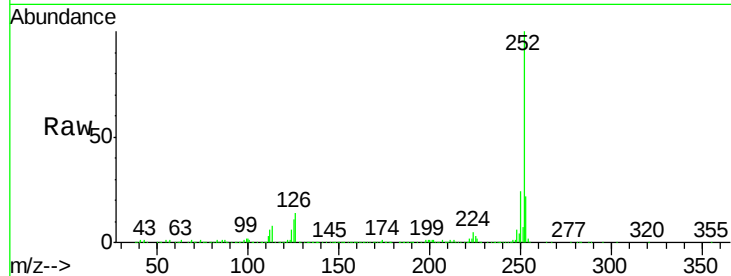
Tot Ion:252 Resp: 662544

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

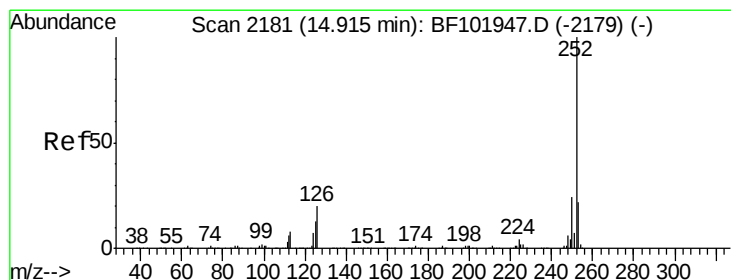
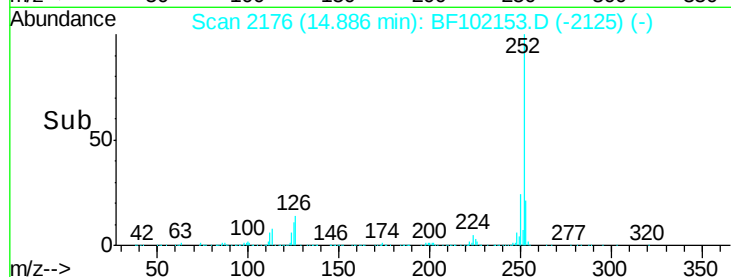
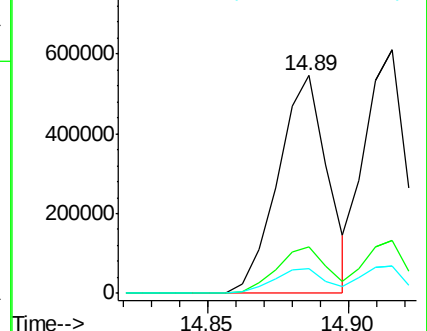
125 11.2 9.0 13.6



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: 38.743 ng

RT: 14.92 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

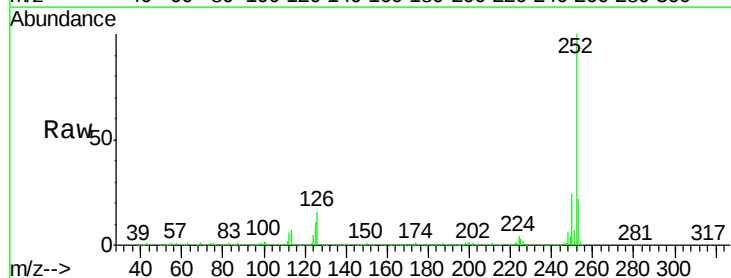
Tgt Ion:252 Resp: 620642

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

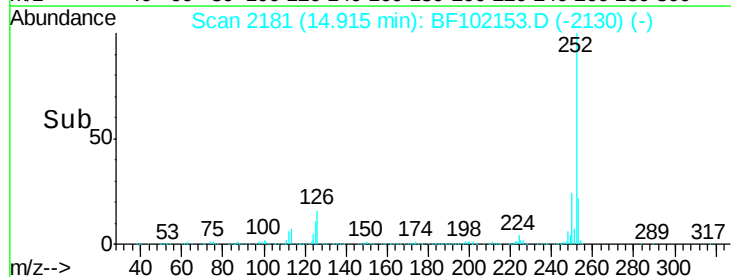
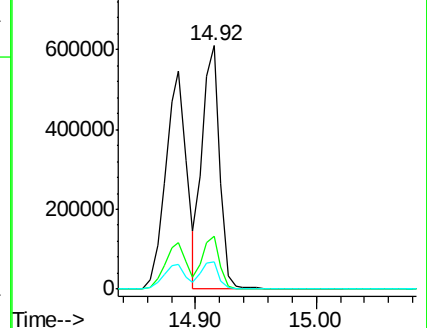
125 11.3 10.2 15.2

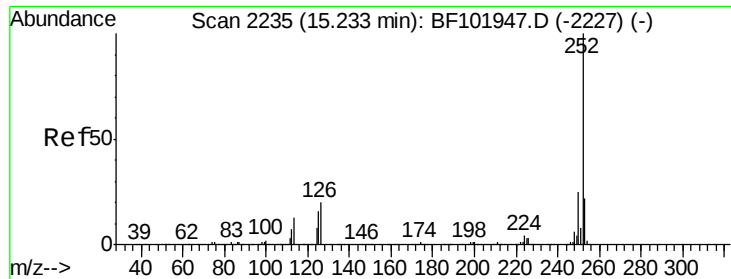


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.610 ng

RT: 15.23 min Scan# 2235

Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

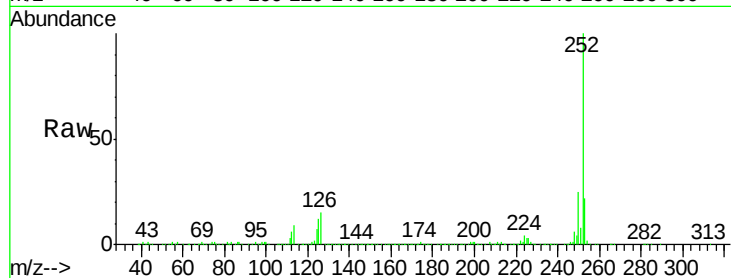
Tot Ion:252 Resp: 636725

Ion Ratio Lower Upper

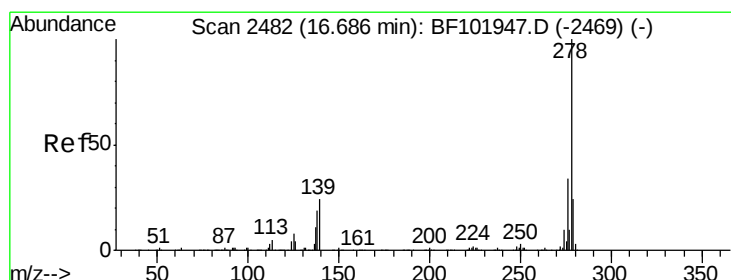
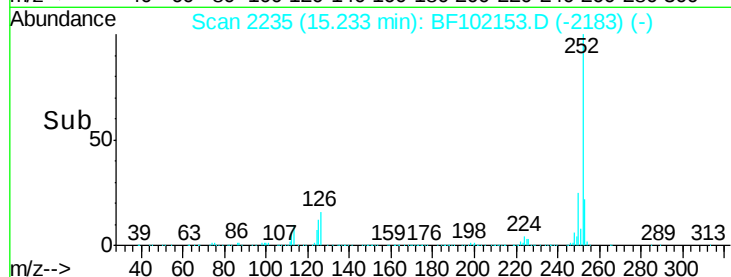
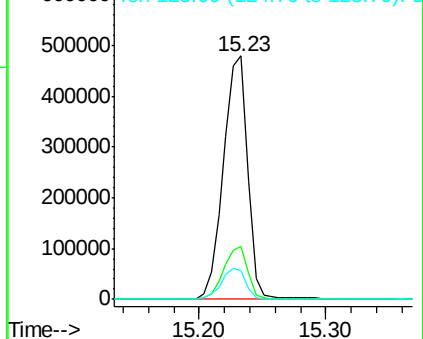
252 100

253 22.0 17.1 25.7

125 11.9 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: 49.261 ng

RT: 16.69 min Scan# 2482

Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

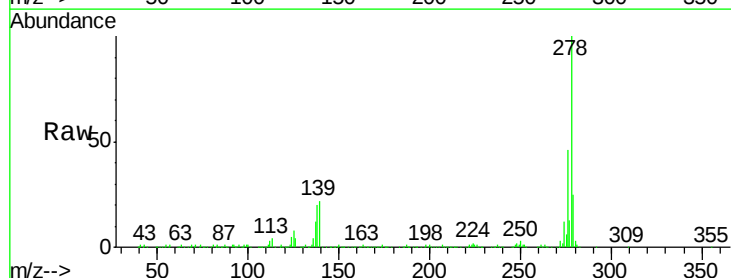
Tgt Ion:278 Resp: 587436

Ion Ratio Lower Upper

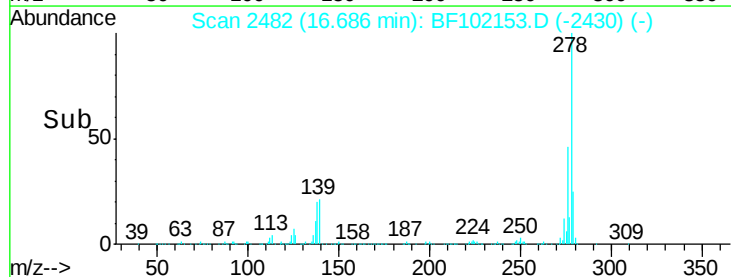
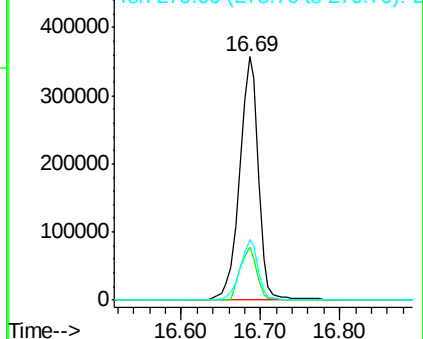
278 100

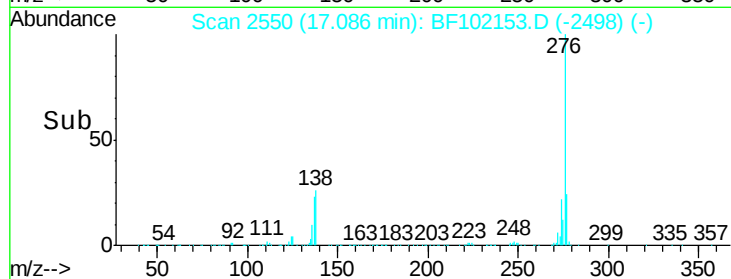
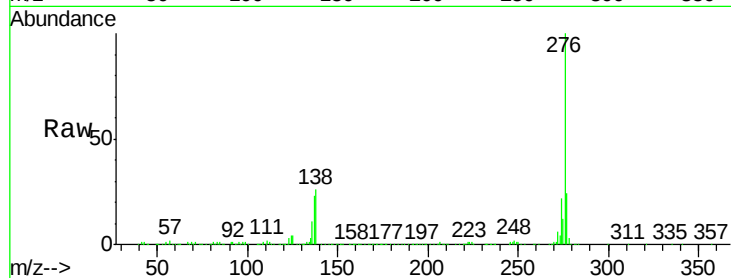
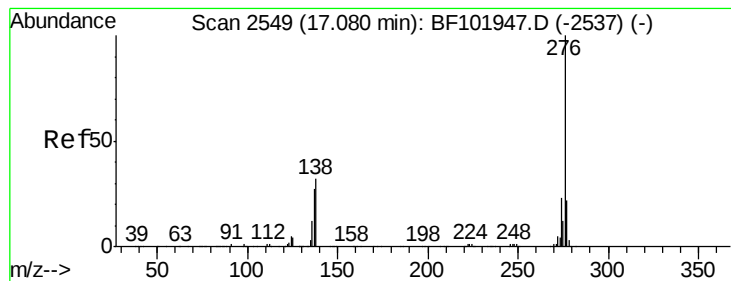
139 21.5 15.9 23.9

279 24.7 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: 48.208 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BF102153.D

Acq: 17 Jan 2018 16:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 579082

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 26.1 21.8 32.8

