

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103554.D
 Acq On : 9 Mar 2018 13:58
 Operator : SJ/JU
 Sample : PB107216BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 14:58:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135597	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	586613	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	261115	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	435915	20.00	ng	0.00
75) Chrysene-d12	14.06	240	235746	20.00	ng	0.00
86) Perylene-d12	15.57	264	228932	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1124809	125.46	ng	0.01
7) Phenol-d6	6.51	99	1336852	121.86	ng	0.00
23) Nitrobenzene-d5	7.43	82	887334	86.38	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	229124	103.67	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1255169	82.13	ng	0.00
78) Terphenyl-d14	12.99	244	1013085	103.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	176300	37.231	ng	90
3) Pyridine	3.52	79	416401	32.939	ng	99
4) n-Nitrosodimethylamine	3.45	42	236007	46.290	ng	# 92
6) Aniline	6.53	93	401732	25.373	ng	# 67
8) 2-Chlorophenol	6.66	128	409968	44.018	ng	95
9) Benzaldehyde	6.43	77	169770	22.437	ng	96
10) Phenol	6.52	94	529156	41.549	ng	91
11) bis(2-Chloroethyl)ether	6.60	93	426191	44.091	ng	91
12) 1,3-Dichlorobenzene	6.80	146	429459	40.350	ng	96
13) 1,4-Dichlorobenzene	6.88	146	453591	42.507	ng	99
14) 1,2-Dichlorobenzene	7.03	146	387571	39.389	ng	99
15) Benzyl Alcohol	7.02	79	325374	39.359	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	650441	39.186	ng	62
17) 2-Methylphenol	7.13	107	352175	41.609	ng	# 85
18) Hexachloroethane	7.37	117	159562	41.075	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	301470	44.154	ng	93
20) 3+4-Methylphenols	7.29	107	447424	43.366	ng	# 68
22) Acetophenone	7.28	105	586263	42.816	ng	# 89
24) Nitrobenzene	7.46	77	471684	41.707	ng	97
25) Isophorone	7.69	82	895251	44.252	ng	96
26) 2-Nitrophenol	7.77	139	232145	43.603	ng	91
27) 2,4-Dimethylphenol	7.80	122	383585	47.135	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	541611	45.535	ng	98
29) 2,4-Dichlorophenol	8.02	162	355661	45.648	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	324714	39.136	ng	97
31) Naphthalene	8.17	128	1151217	40.085	ng	99
32) Benzoic acid	7.95	122	149304	28.081	ng	95
33) 4-Chloroaniline	8.23	127	248098	20.019	ng	97
34) Hexachlorobutadiene	8.27	225	157520	36.458	ng	100
35) Caprolactam	8.61	113	118331	43.213	ng	# 86
36) 4-Chloro-3-methylphenol	8.72	107	393200	44.743	ng	96
37) 2-Methylnaphthalene	8.86	142	762474	41.080	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	281198	39.392	ng	98
40) Hexachlorocyclopentadiene	9.00	237	48649	26.070	ng	95

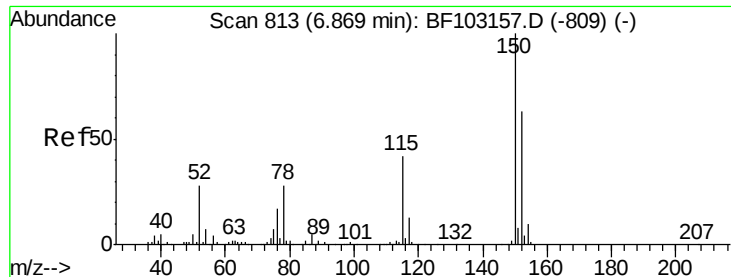
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103554.D
 Acq On : 9 Mar 2018 13:58
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	190774	39.718	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	197527	35.755	nq #	93
45) 1,1'-Biphenyl	9.33	154	863643	39.471	nq	99
46) 2-Chloronaphthalene	9.36	162	691374	39.940	nq	99
47) 2-Nitroaniline	9.46	65	293322	45.746	nq	84
48) Acenaphthylene	9.77	152	1012895	38.031	nq	99
49) Dimethylphthalate	9.62	163	772830	36.894	nq	99
50) 2,6-Dinitrotoluene	9.70	165	175174	39.850	nq #	91
51) Acenaphthene	9.94	154	589916	37.985	nq	99
52) 3-Nitroaniline	9.88	138	153661	27.552	nq #	99
53) 2,4-Dinitrophenol	10.00	184	78365	53.040	nq #	20
54) Dibenzofuran	10.12	168	851117	39.923	nq	94
55) 4-Nitrophenol	10.06	139	160145	46.331	nq #	80
56) 2,4-Dinitrotoluene	10.12	165	212064	38.144	nq #	67
57) Fluorene	10.46	166	703261	38.724	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	119733	32.263	nq	97
59) Diethylphthalate	10.32	149	779932	38.930	nq	100
60) 4-Chlorophenyl-phenylether	10.45	204	305773	39.703	nq	99
61) 4-Nitroaniline	10.50	138	200619	36.015	nq	99
62) Azobenzene	10.61	77	880318	43.169	nq	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	68638	28.157	nq #	84
65) n-Nitrosodiphenylamine	10.57	169	623670	41.091	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	175963	38.750	nq	94
67) Hexachlorobenzene	11.01	284	183608	37.253	nq	94
68) Atrazine	11.10	200	190078	41.665	nq	98
69) Pentachlorophenol	11.22	266	109661	46.016	nq	99
70) Phenanthrene	11.43	178	940376	39.199	nq	99
71) Anthracene	11.48	178	1022347	41.559	nq	100
72) Carbazole	11.64	167	1002380	40.918	nq	98
73) Di-n-butylphthalate	11.95	149	1232611	40.211	nq	100
74) Fluoranthene	12.62	202	896668	37.195	nq	98
76) Benzidine	12.75	184	436946	49.577	nq	97
77) Pyrene	12.86	202	883636	48.075	nq	99
79) Butylbenzylphthalate	13.45	149	498123	51.295	nq	92
80) Benzo(a)anthracene	14.05	228	622870	40.721	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	188223	34.480	nq	99
82) Chrysene	14.09	228	623157	41.958	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	592014	45.176	nq #	99
84) Di-n-octyl phthalate	14.63	149	995588	47.021	nq	97
85) Indeno(1,2,3-cd)pyrene	17.13	276	594977	50.602	nq	97
87) Benzo(b)fluoranthene	15.13	252	595680	39.575	nq	98
88) Benzo(k)fluoranthene	15.16	252	554062	39.090	nq	99
89) Benzo(a)pyrene	15.51	252	569539	42.372	nq	97
90) Dibenzo(a,h)anthracene	17.13	278	504210	48.545	nq	98
91) Benzo(g,h,i)perylene	17.59	276	503606	49.611	nq	96

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

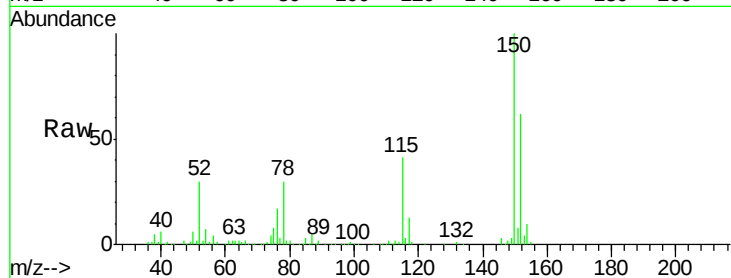


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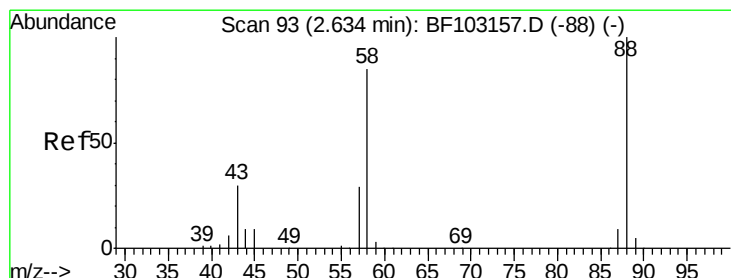
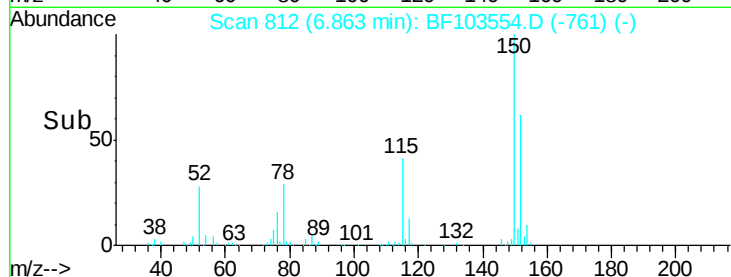
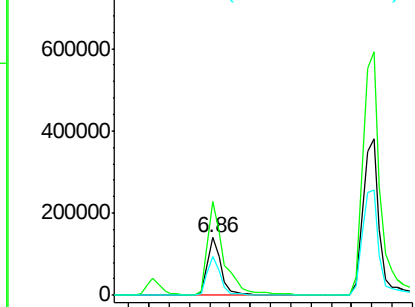
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.6	186.8
115	66.4	50.1	75.1



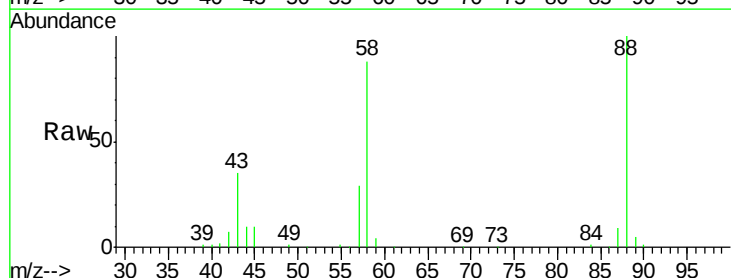
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



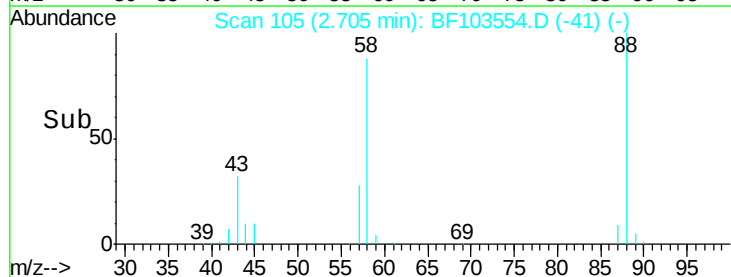
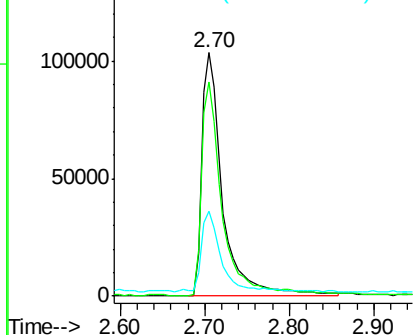
#2

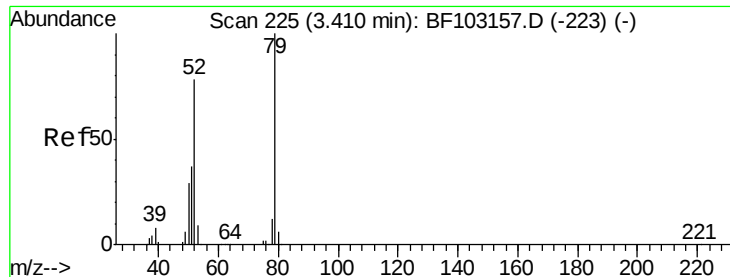
1,4-Dioxane
Concen: 37.231 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.08 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.8	62.6	93.8
43	31.0	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: 32.939 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.09 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

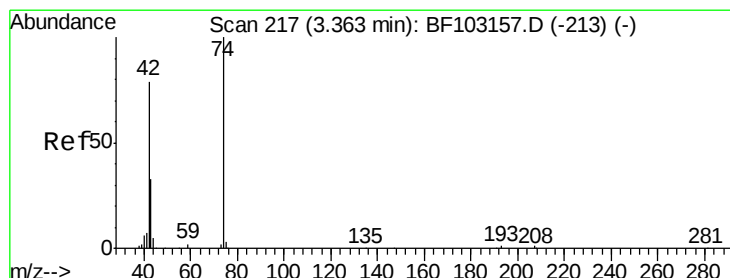
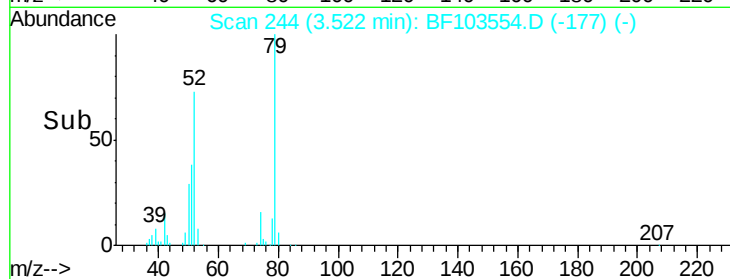
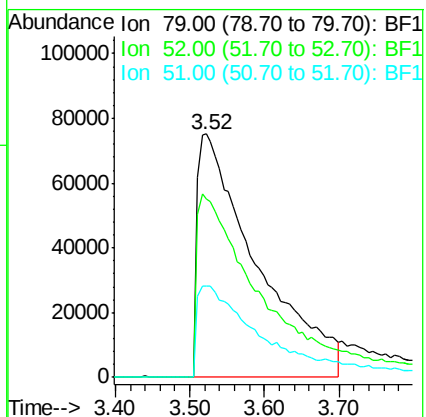
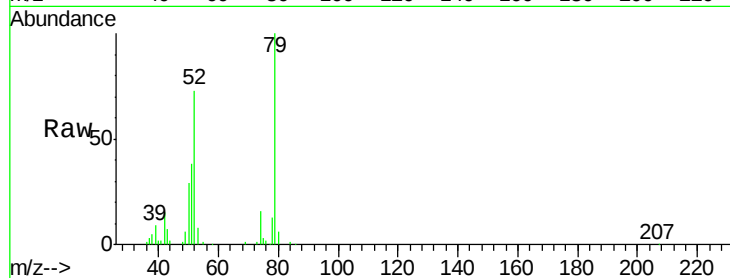
Tot Ion: 79 Resp: 416401

Ion Ratio Lower Upper

79 100

52 73.4 59.8 89.6

51 37.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 46.290 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.06 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

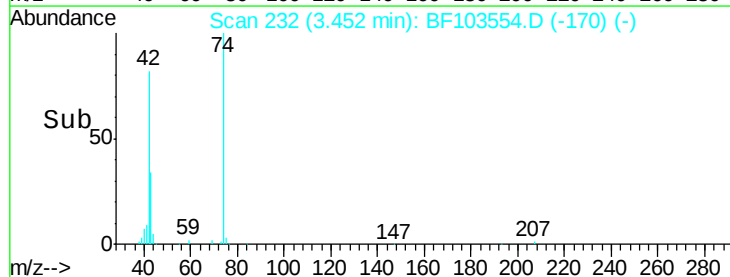
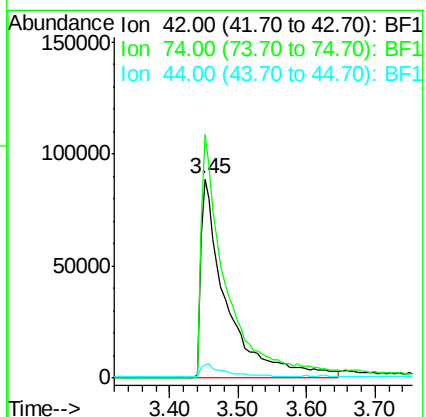
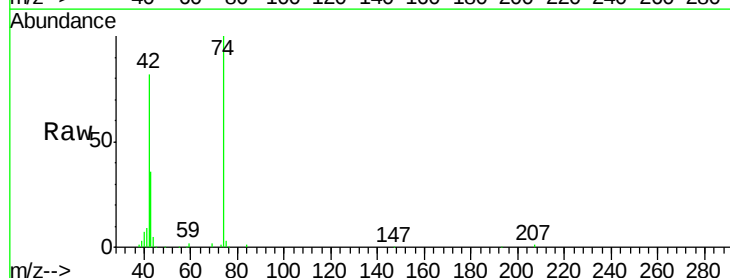
Tgt Ion: 42 Resp: 236007

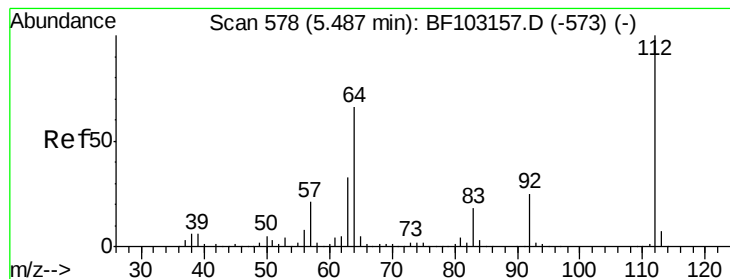
Ion Ratio Lower Upper

42 100

74 122.2 104.9 157.3

44 6.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 125.460 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampled :

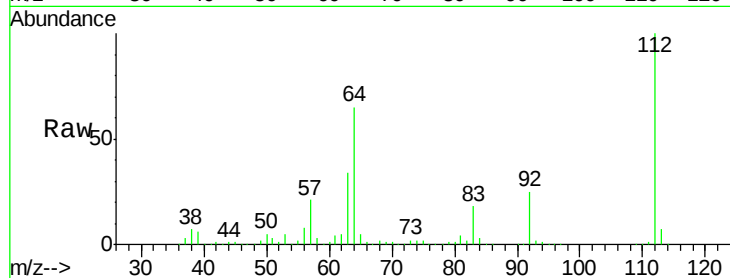
Tot Ion:112 Resp: 1124809

Ion Ratio Lower Upper

112 100

64 65.2 47.9 71.9

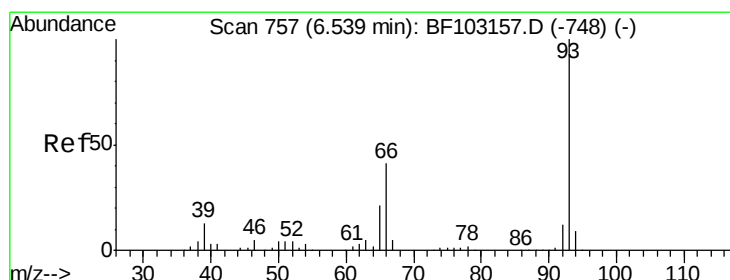
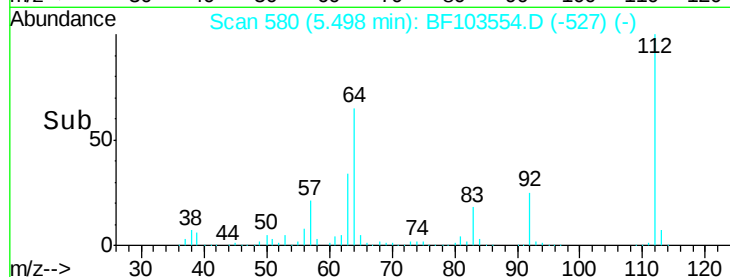
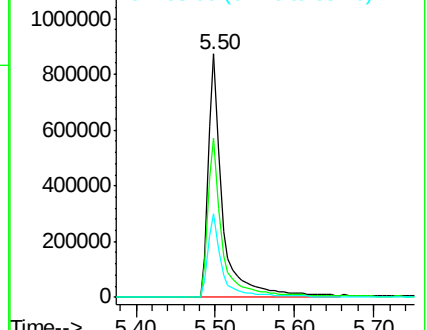
63 34.1 23.7 35.5



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: 25.373 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

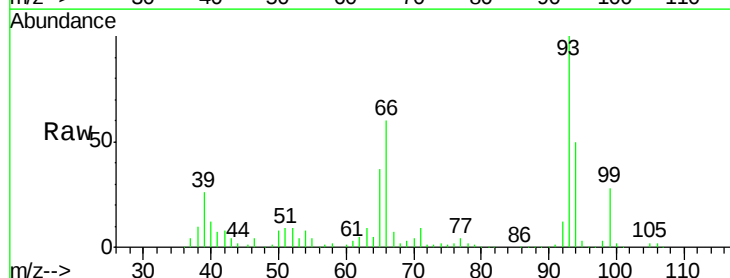
Tgt Ion: 93 Resp: 401732

Ion Ratio Lower Upper

93 100

66 60.1 32.2 48.2#

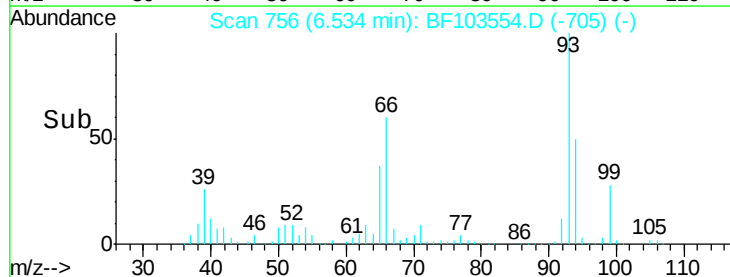
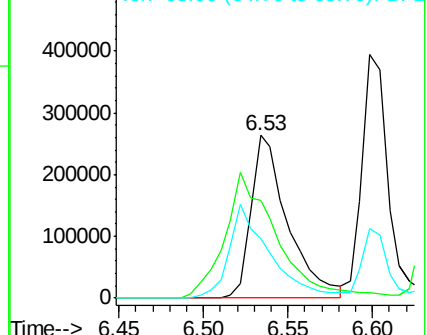
65 36.5 16.4 24.6#

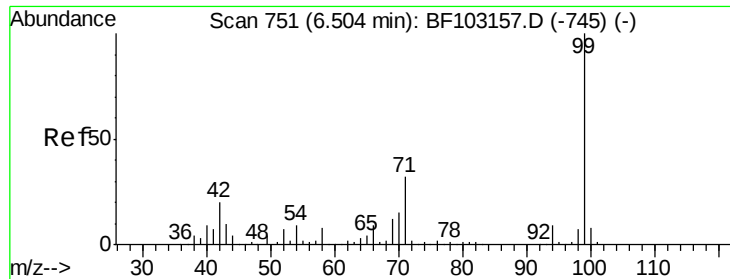


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.857 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

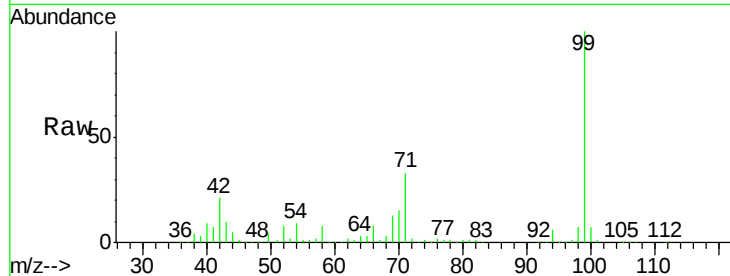
Tot Ion: 99 Resp: 1336852

Ion Ratio Lower Upper

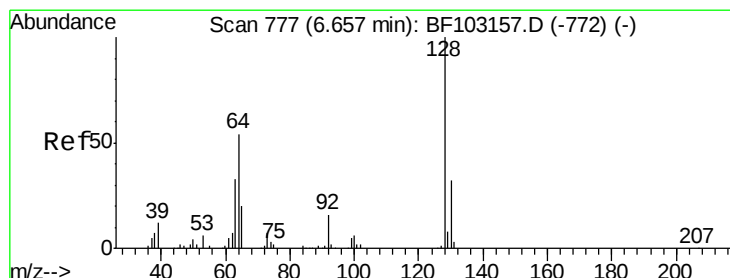
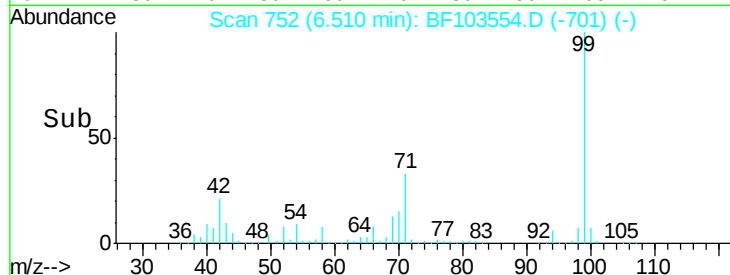
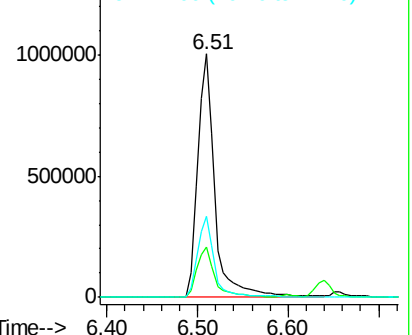
99 100

42 20.6 14.5 21.7

71 33.1 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: 44.018 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

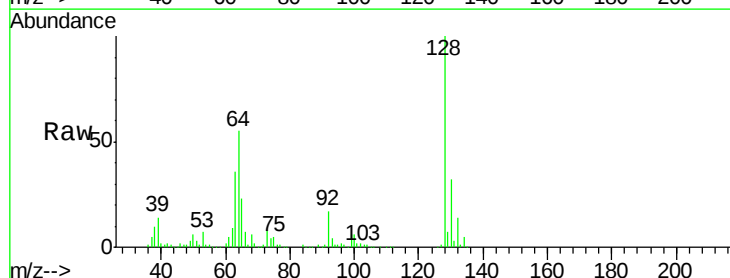
Tgt Ion:128 Resp: 409968

Ion Ratio Lower Upper

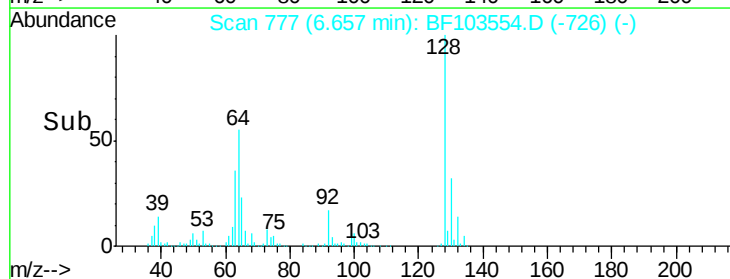
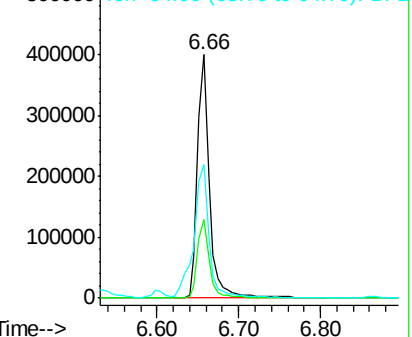
128 100

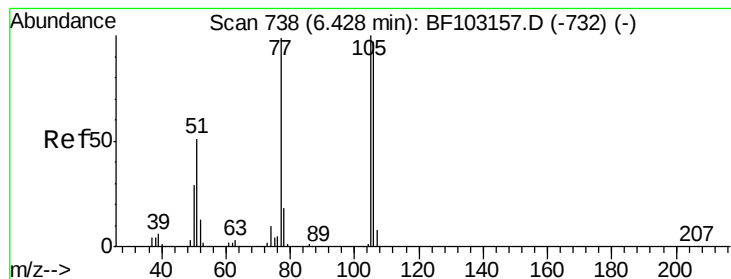
130 32.4 13.0 53.0

64 54.6 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: 22.437 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

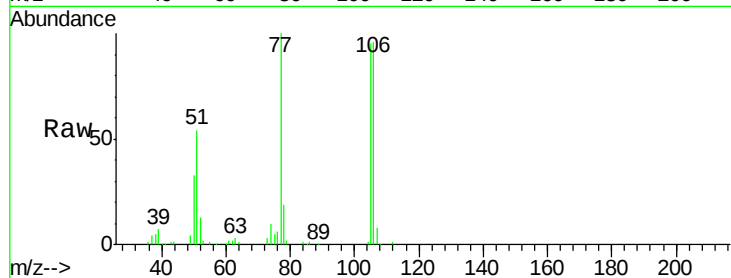
Tot Ion: 77 Resp: 169770

Ion Ratio Lower Upper

77 100

105 94.6 81.1 121.1

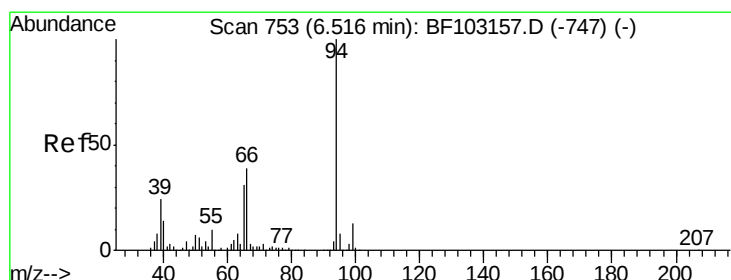
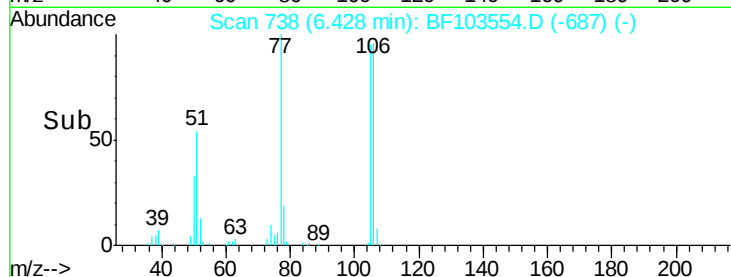
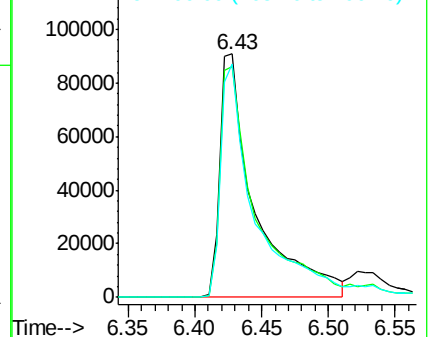
106 96.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.549 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

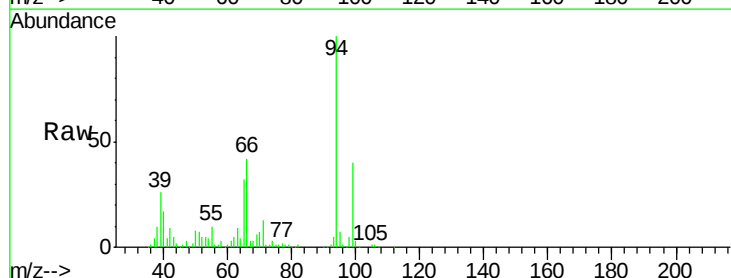
Tgt Ion: 94 Resp: 529156

Ion Ratio Lower Upper

94 100

65 31.6 7.9 47.9

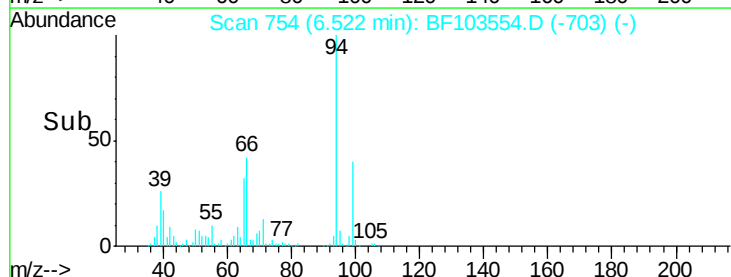
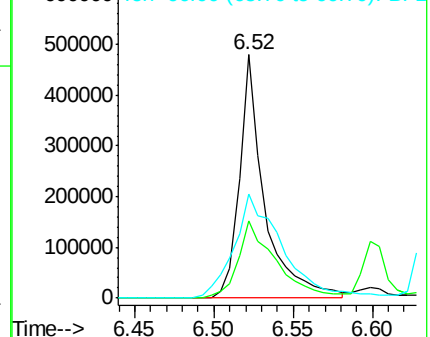
66 42.5 16.2 56.2

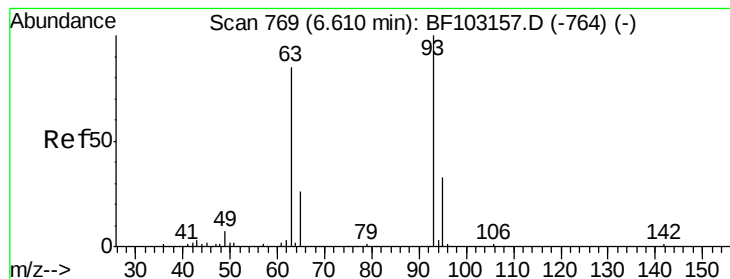


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.091 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

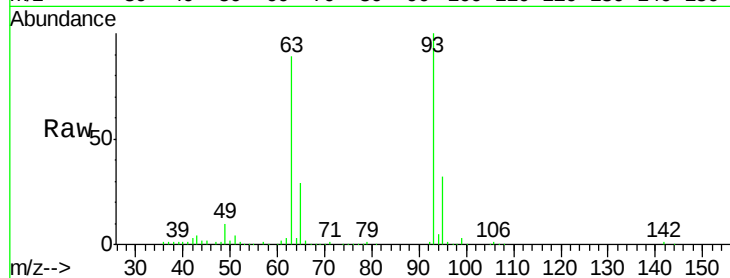
Tot Ion: 93 Resp: 426191

Ion Ratio Lower Upper

93 100

63 88.9 58.6 98.6

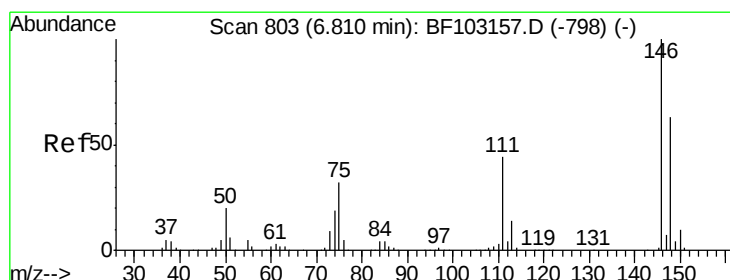
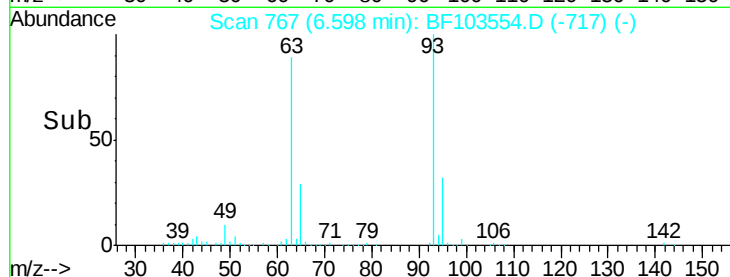
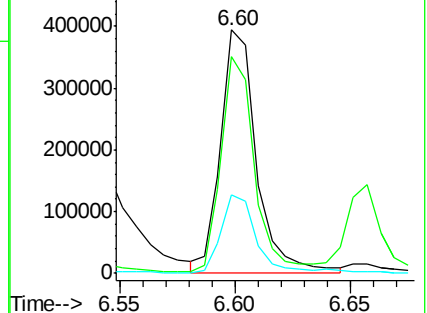
95 32.4 11.8 51.8



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: 40.350 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

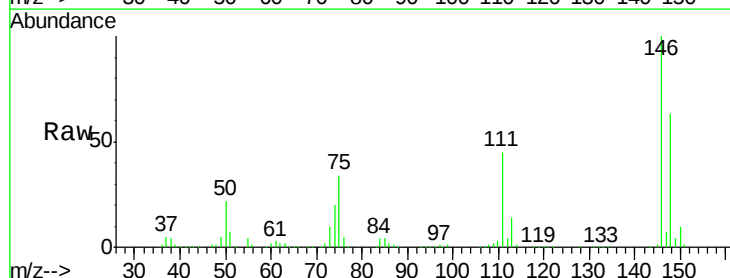
Tgt Ion: 146 Resp: 429459

Ion Ratio Lower Upper

146 100

148 62.5 51.8 77.8

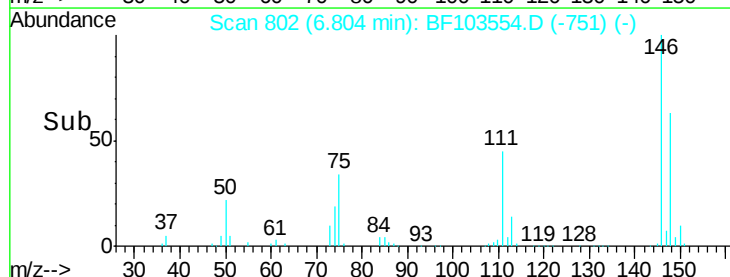
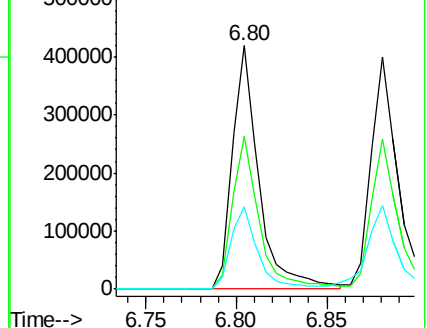
75 34.0 24.2 36.4

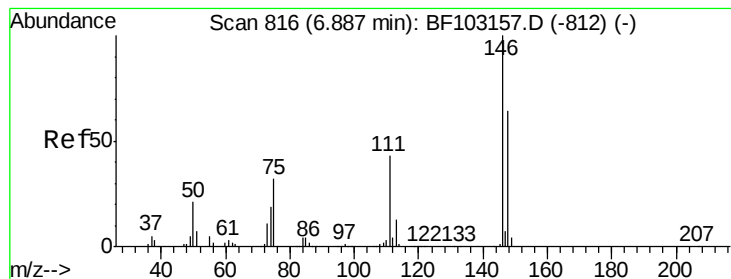


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.507 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

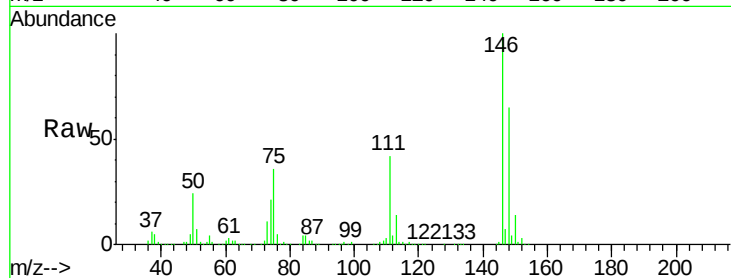
Tot Ion:146 Resp: 453591

Ion Ratio Lower Upper

146 100

148 64.8 50.8 76.2

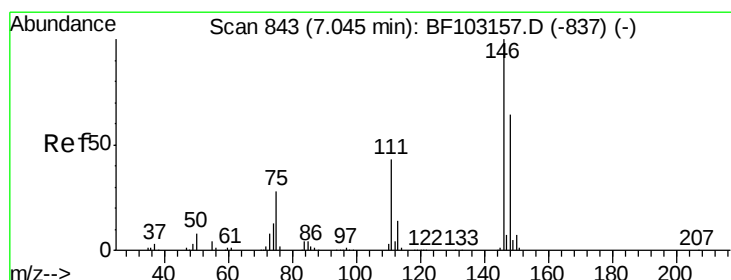
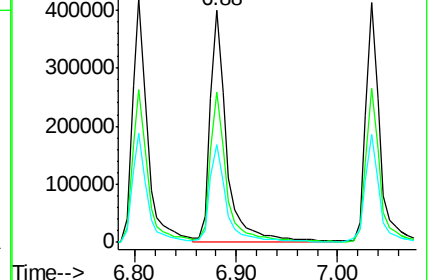
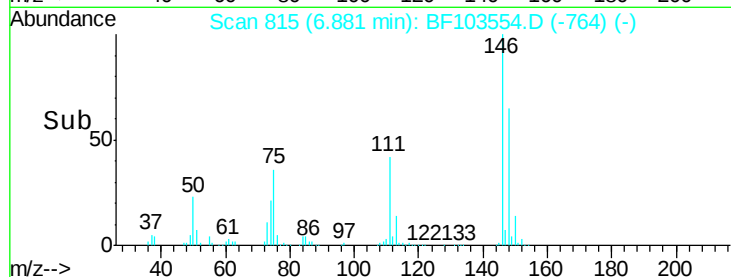
111 42.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.389 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

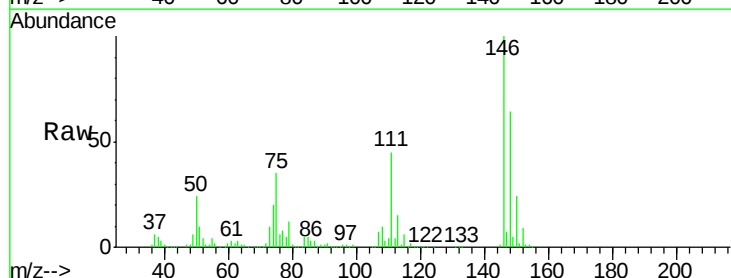
Tgt Ion:146 Resp: 387571

Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

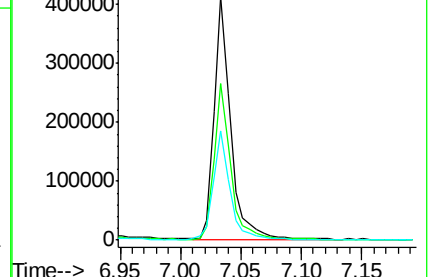
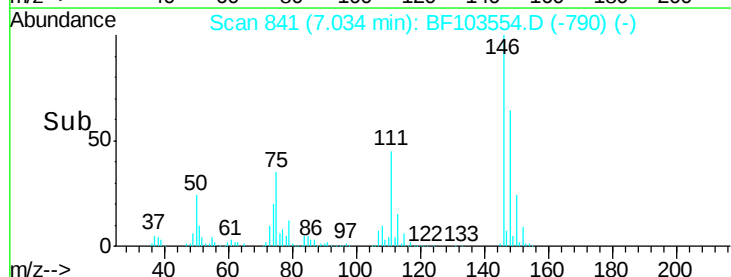
111 45.0 36.0 54.0

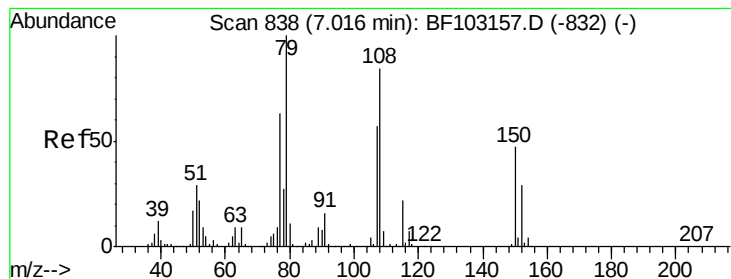


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.359 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :

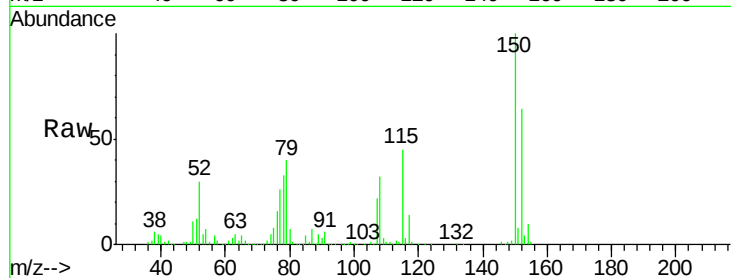
Tot Ion: 79 Resp: 325374

Ion Ratio Lower Upper

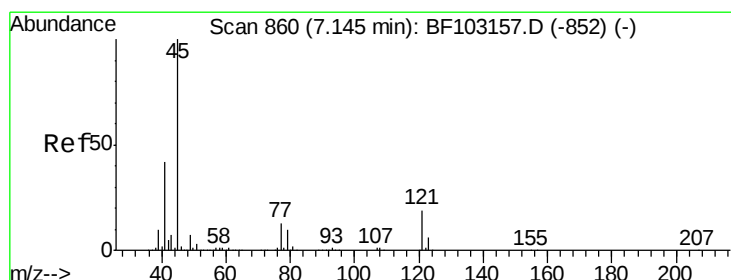
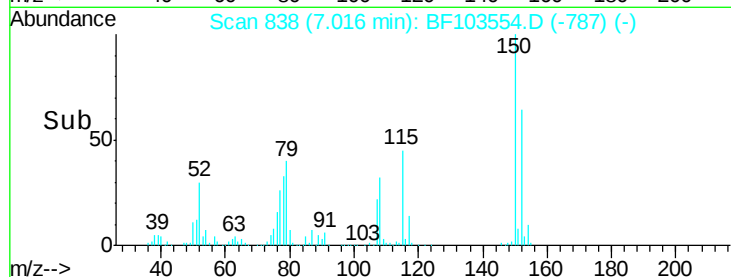
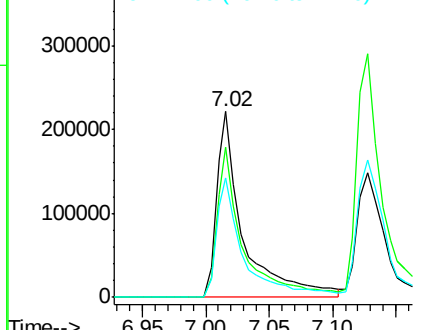
79 100

108 80.9 65.1 97.7

77 64.2 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.186 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

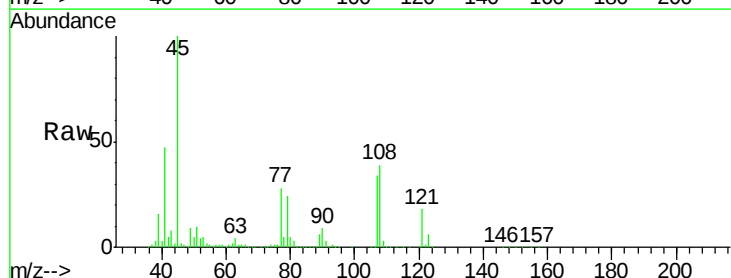
Tgt Ion: 45 Resp: 650441

Ion Ratio Lower Upper

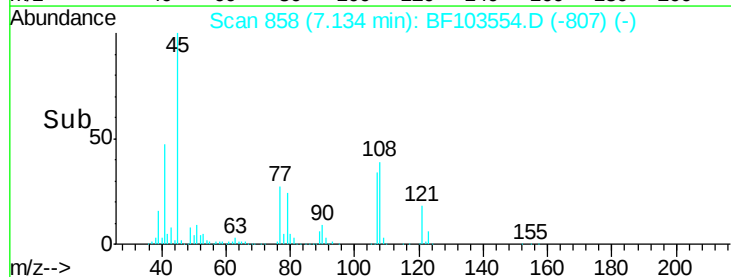
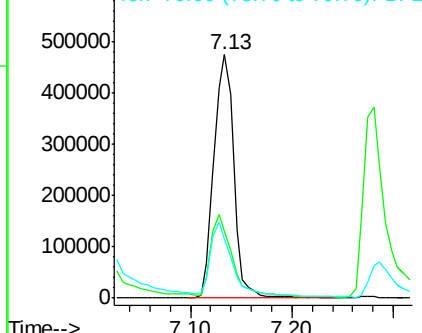
45 100

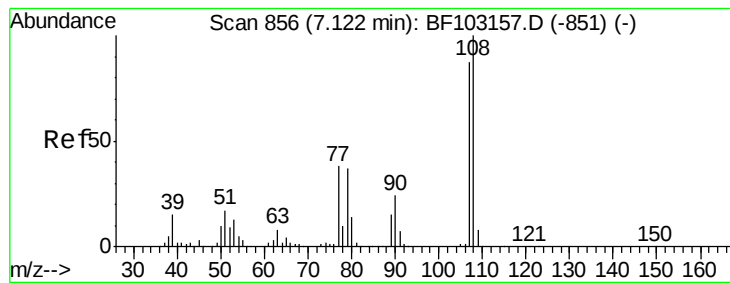
77 27.6 0.0 32.9

79 24.3 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

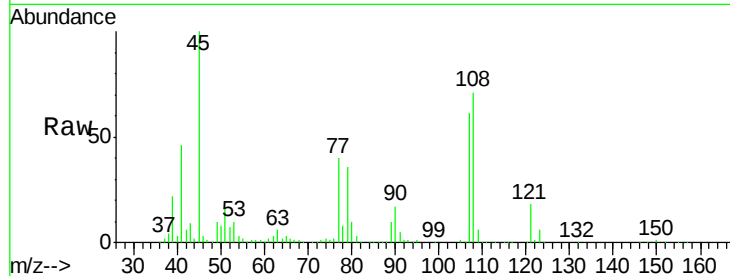




#17
2-Methylphenol
Concen: 41.609 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.5	91.7	137.5
77	65.8	33.8	50.8#
79	59.3	33.8	50.8#



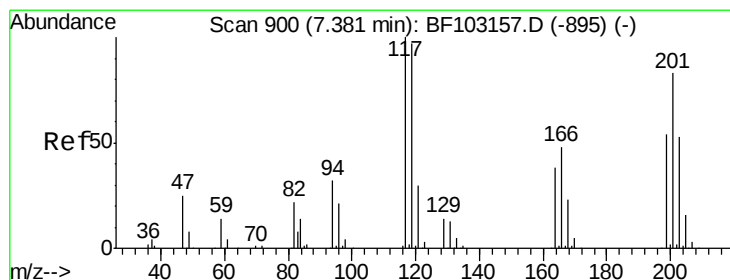
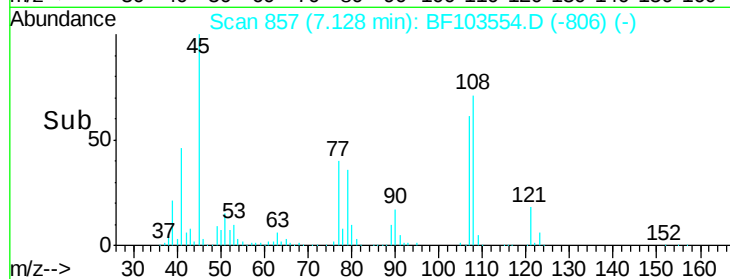
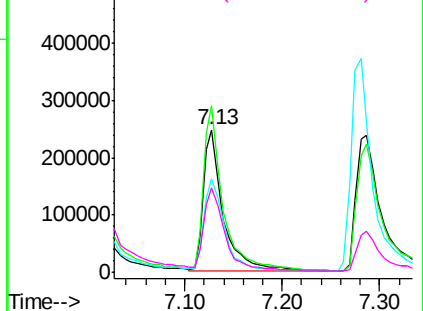
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

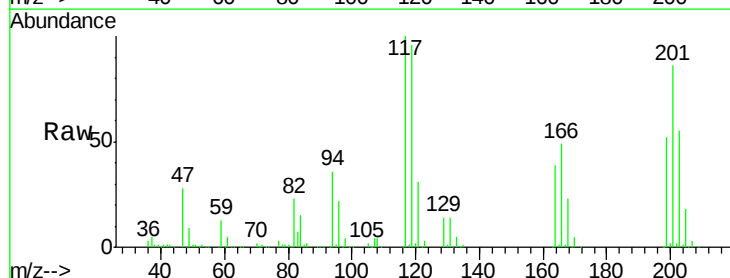
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.075 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	85.8	75.7	113.5

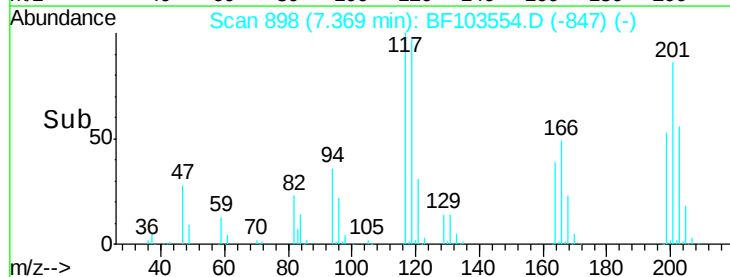
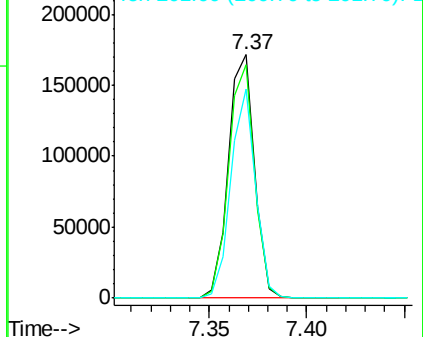


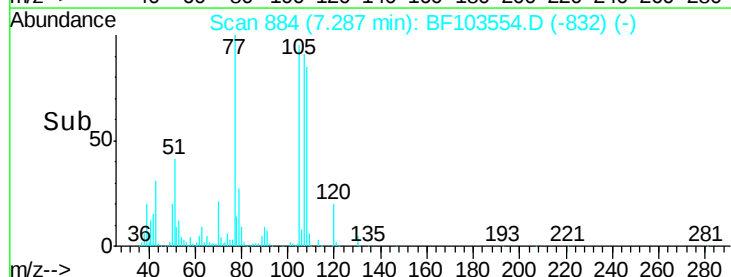
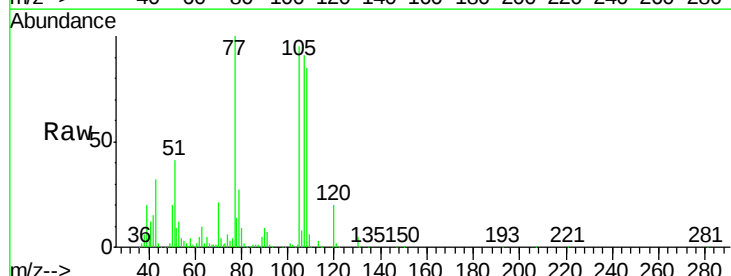
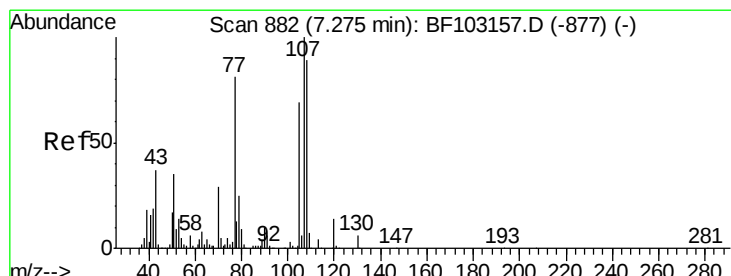
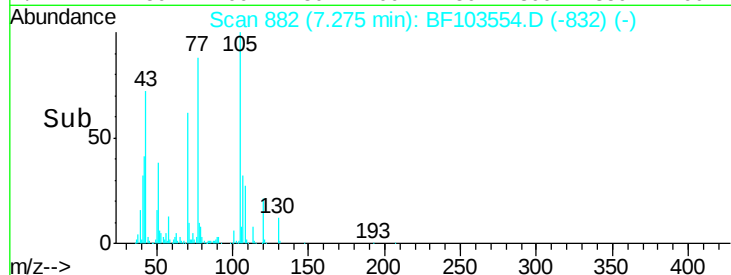
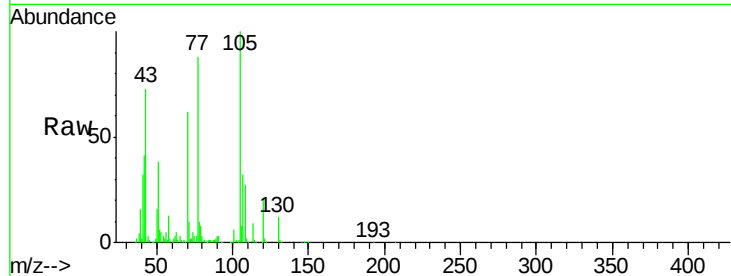
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

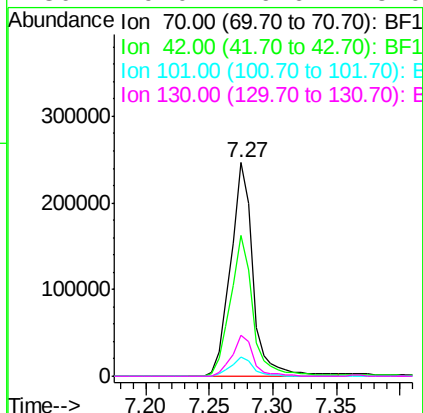




#19
n-Nitroso-di-n-propylamine
Concen: 44.154 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

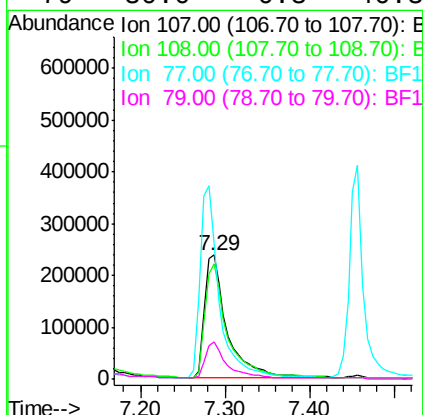
Instrument :
BNA_F
ClientSampleId :

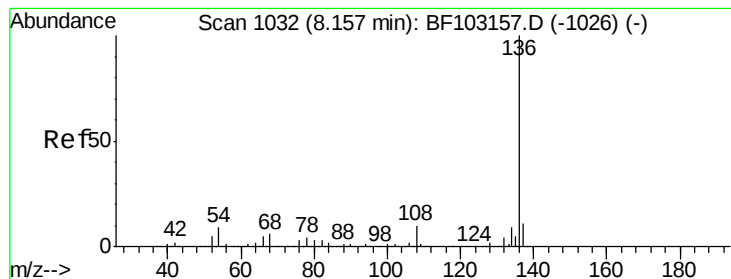
Tot Ion: 70 Resp: 301470
Ion Ratio Lower Upper
70 100
42 65.8 47.5 71.3
101 9.2 7.4 11.2
130 19.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 43.366 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion:107 Resp: 447424
Ion Ratio Lower Upper
107 100
108 93.3 68.2 108.2
77 110.0 26.7 66.7#
79 30.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 586613

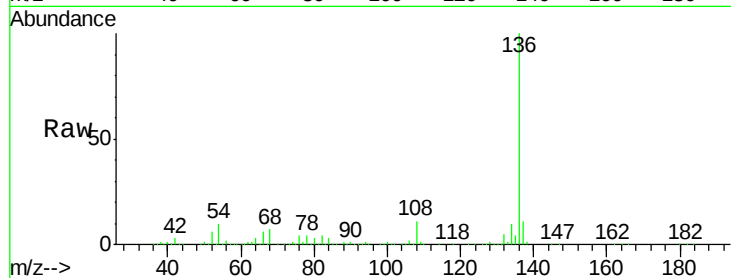
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.9 6.6 9.8#

68 6.7 5.0 7.4

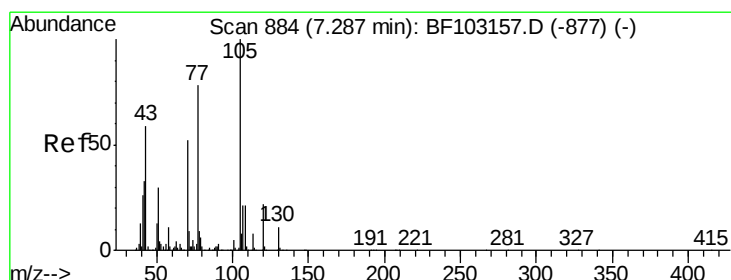
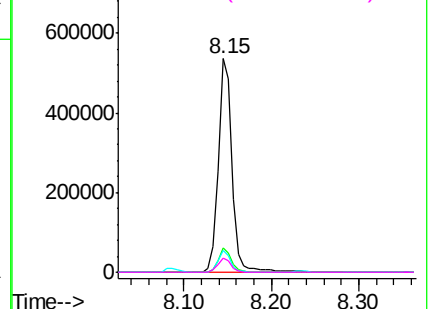
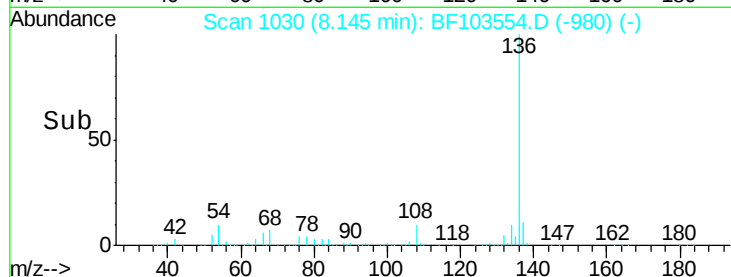


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.816 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Tgt Ion:105 Resp: 586263

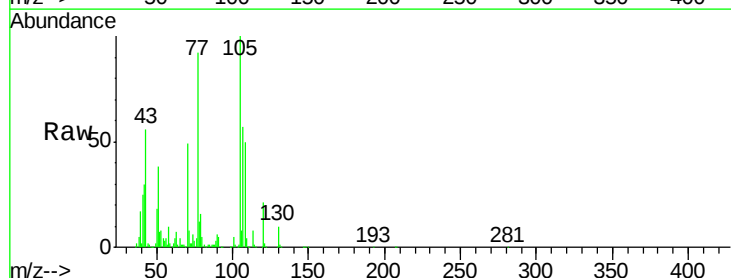
Ion Ratio Lower Upper

105 100

71 8.4 4.4 6.6#

51 38.3 22.3 33.5#

120 21.5 16.9 25.3

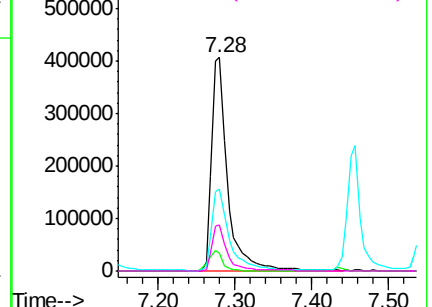
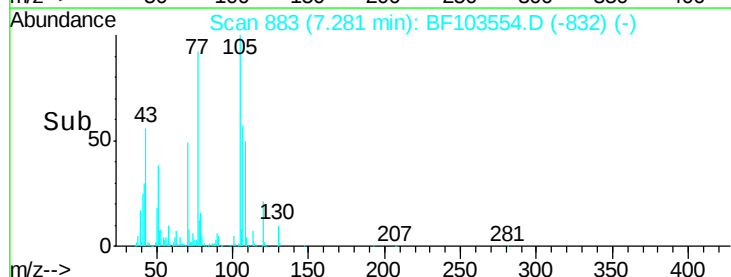


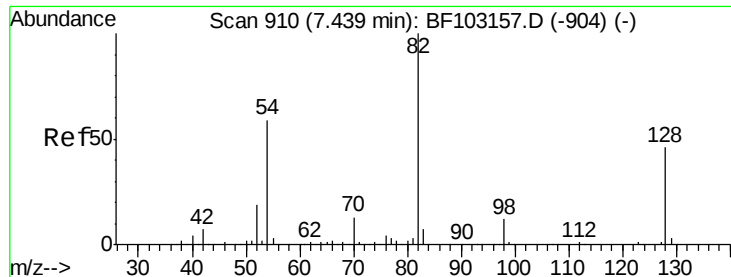
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

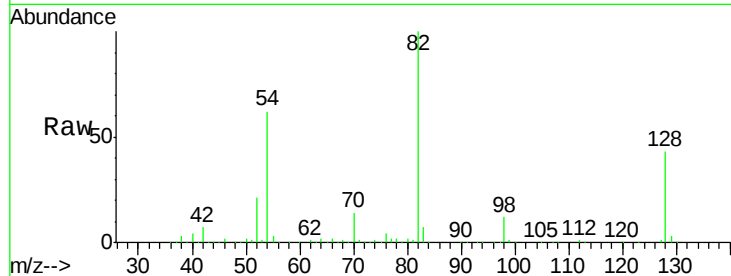




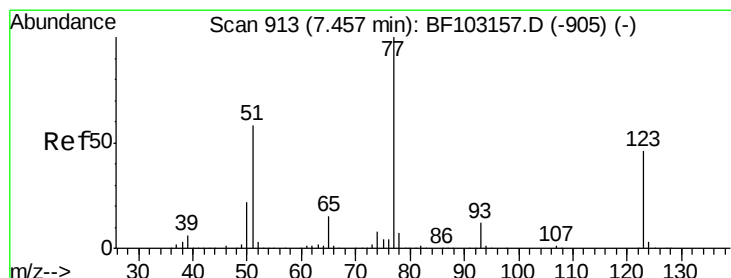
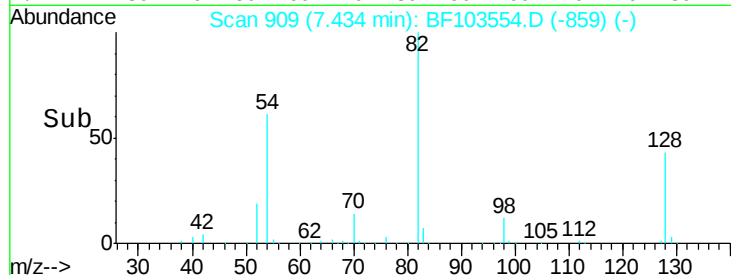
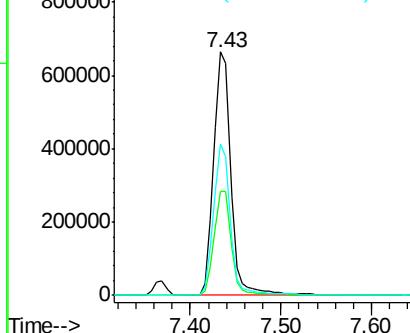
#23
 Nitrobenzene-d5
 Concen: 86.384 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 887334
 Ion Ratio Lower Upper
 82 100
 128 42.5 36.1 54.1
 54 61.9 41.4 62.2

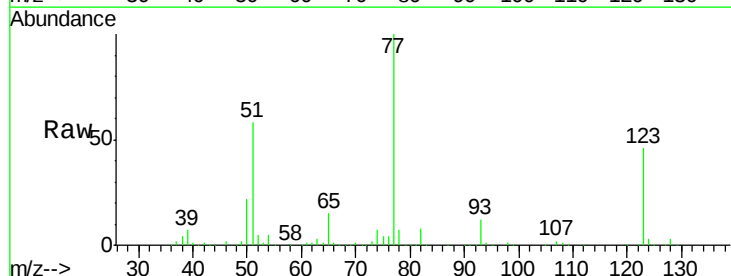


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

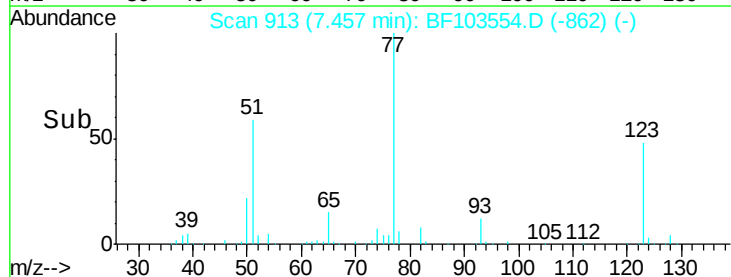
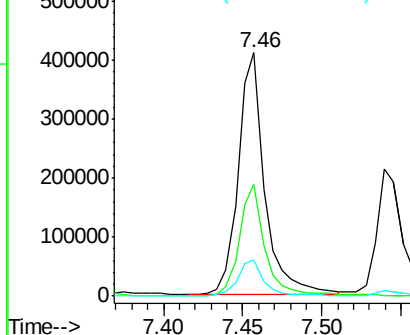


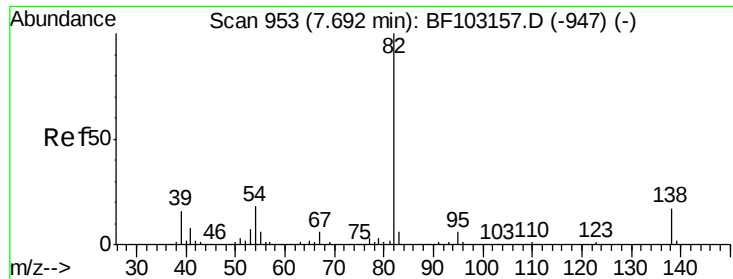
#24
 Nitrobenzene
 Concen: 41.707 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion: 77 Resp: 471684
 Ion Ratio Lower Upper
 77 100
 123 45.7 37.9 56.9
 65 14.6 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

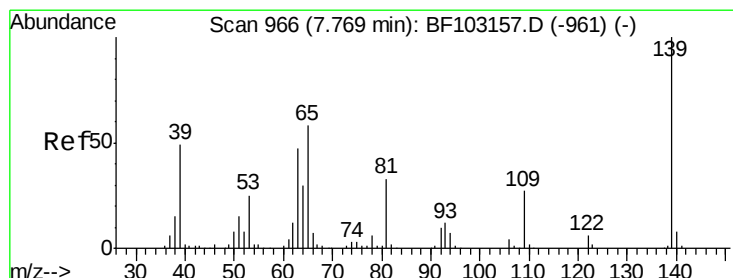
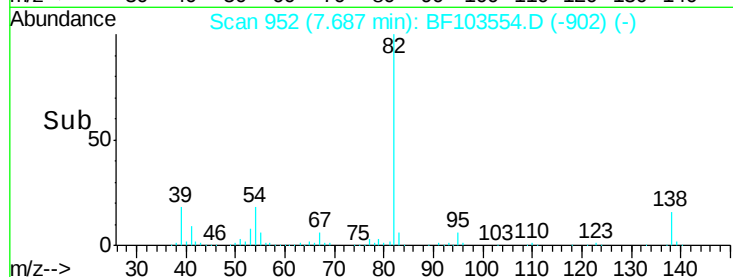
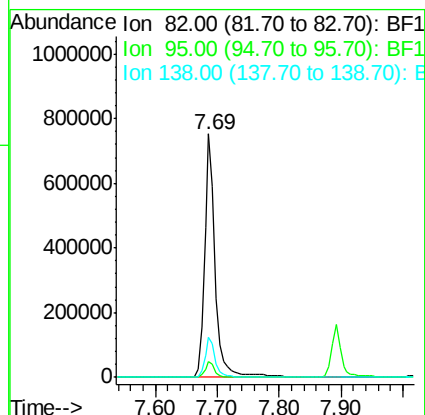
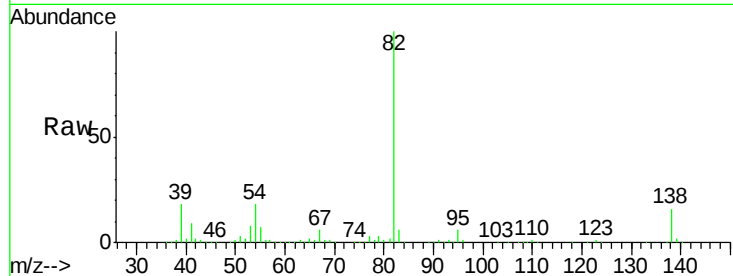




#25
Isophorone
Concen: 44.252 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

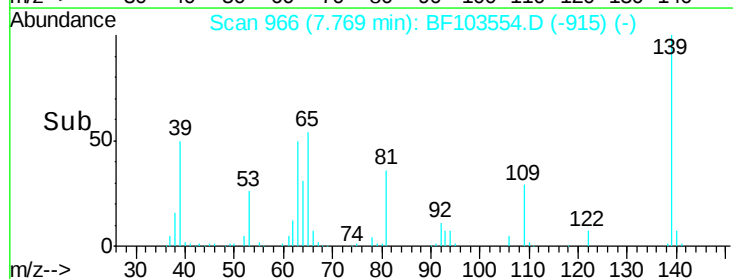
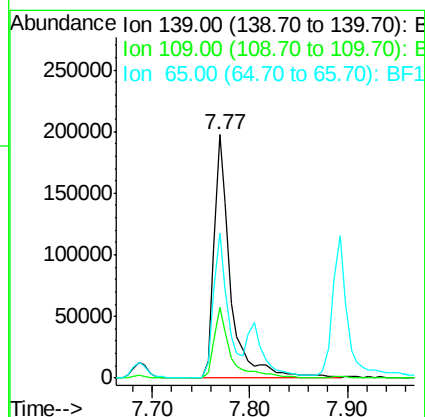
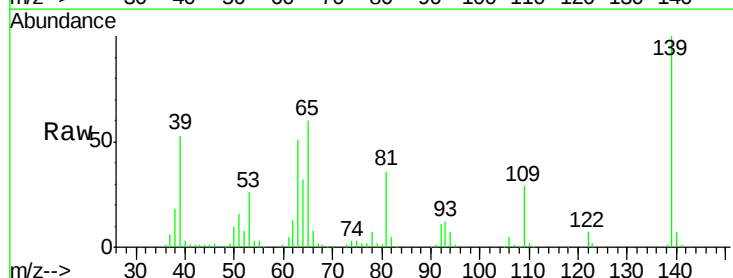
Instrument :
BNA_F
ClientSampleId :

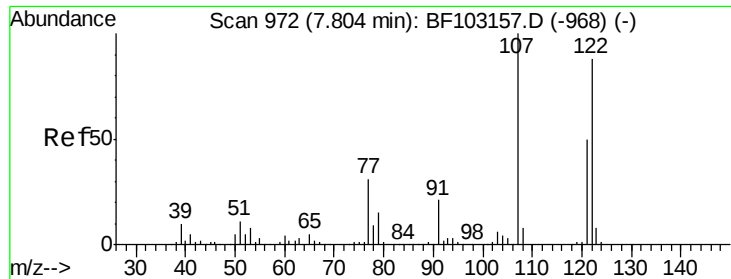
Tot Ion: 82 Resp: 895251
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 16.3 14.9 22.3



#26
2-Nitrophenol
Concen: 43.603 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion: 139 Resp: 232145
Ion Ratio Lower Upper
139 100
109 29.1 22.7 34.1
65 59.6 40.5 60.7

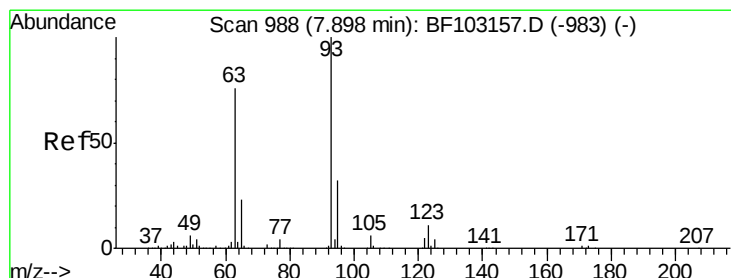
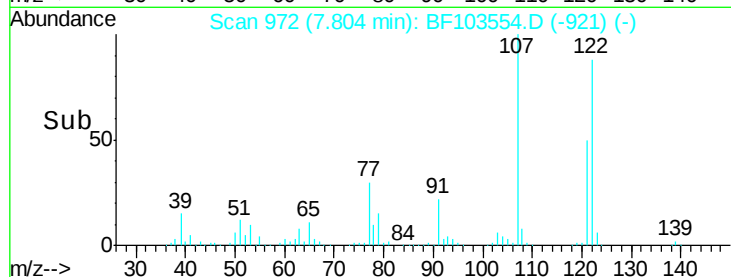
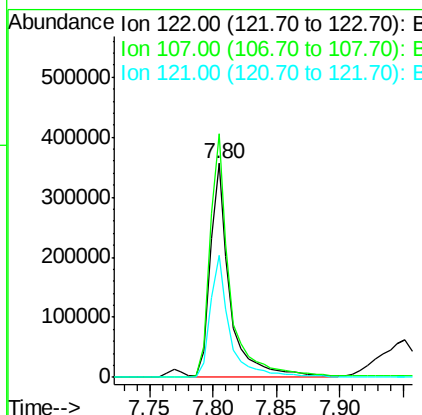
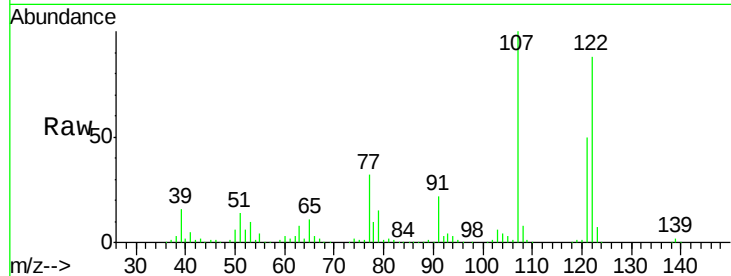




#27
2,4-Dimethylphenol
Concen: 47.135 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

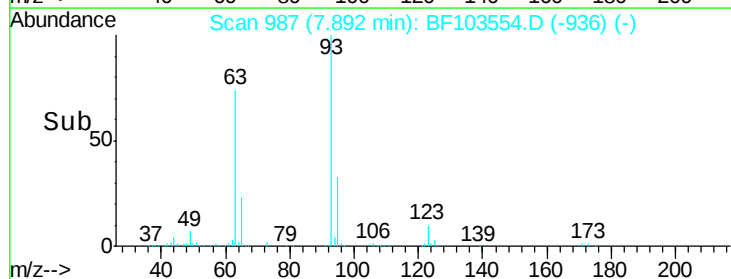
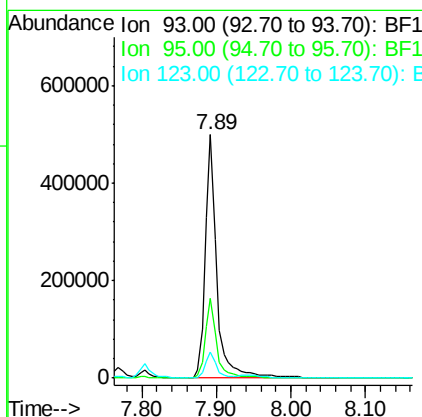
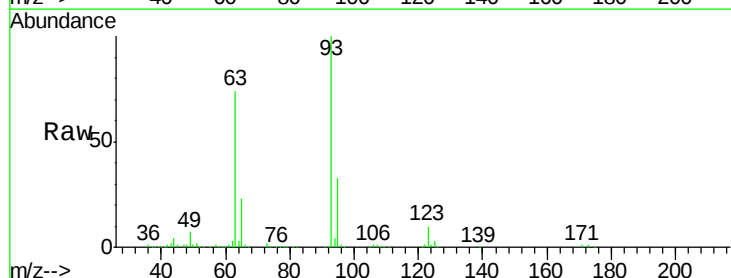
Instrument :
BNA_F
ClientSampleId :

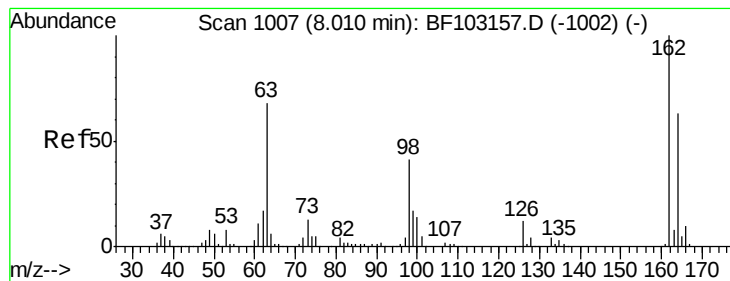
Tot Ion:122 Resp: 383585
Ion Ratio Lower Upper
122 100
107 114.0 91.2 136.8
121 57.0 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 45.535 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion: 93 Resp: 541611
Ion Ratio Lower Upper
93 100
95 32.5 26.3 39.5
123 10.4 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 45.648 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

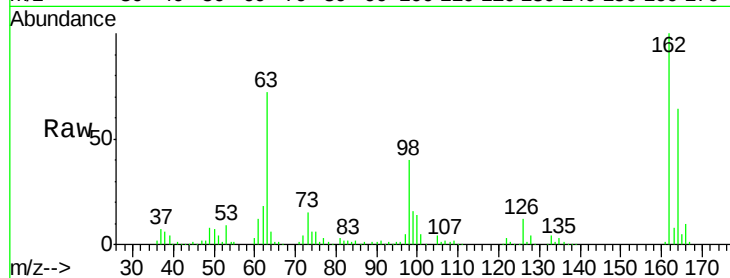
Tot Ion:162 Resp: 355661

Ion Ratio Lower Upper

162 100

164 64.2 42.7 82.7

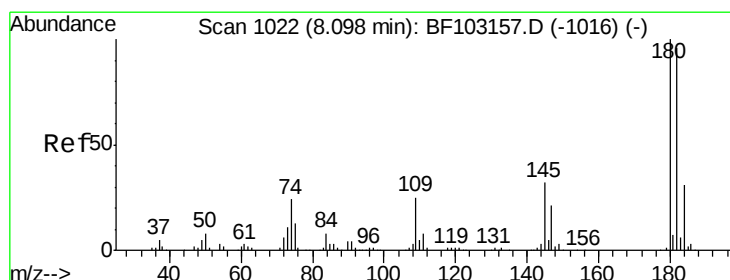
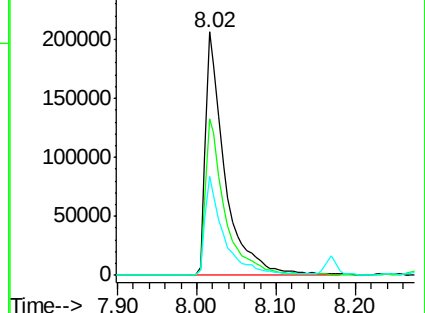
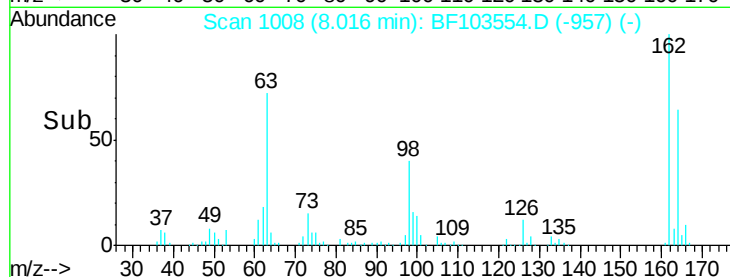
98 40.4 18.1 58.1



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: 39.136 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

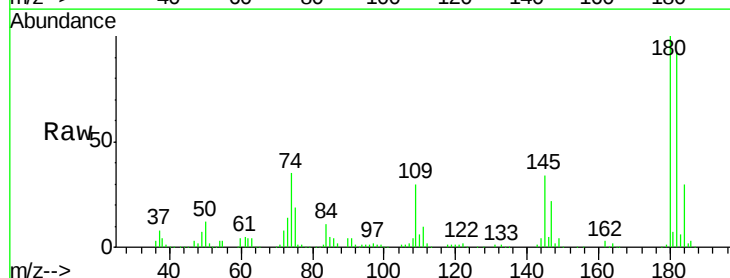
Tgt Ion:180 Resp: 324714

Ion Ratio Lower Upper

180 100

182 92.7 76.8 115.2

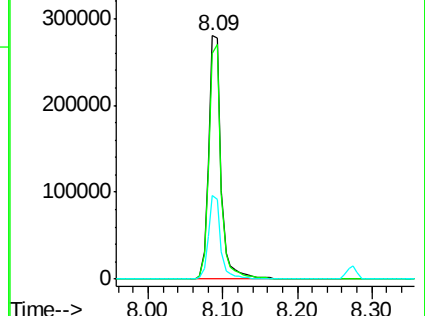
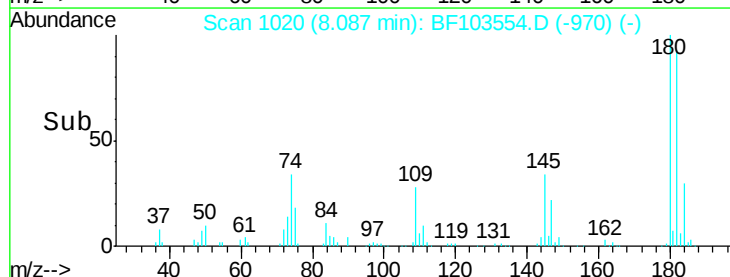
145 34.4 26.5 39.7

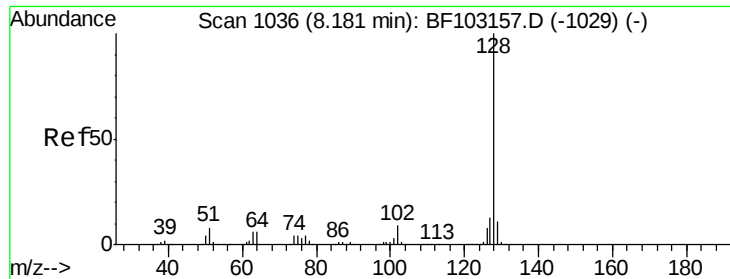


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

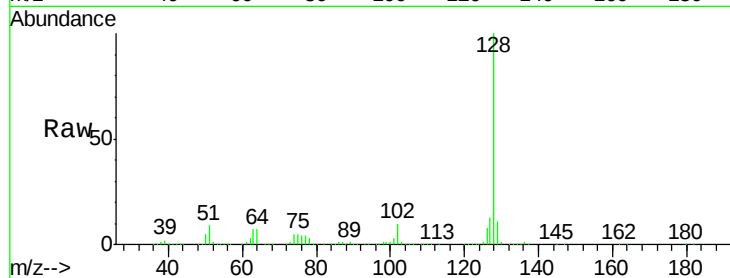




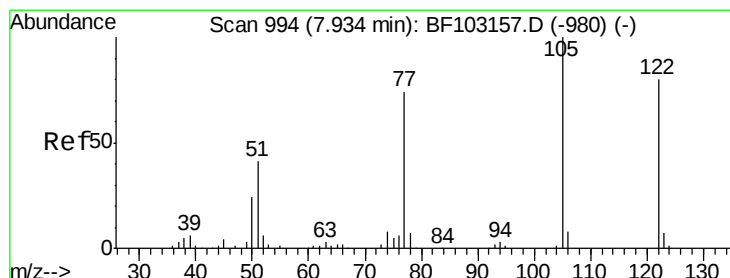
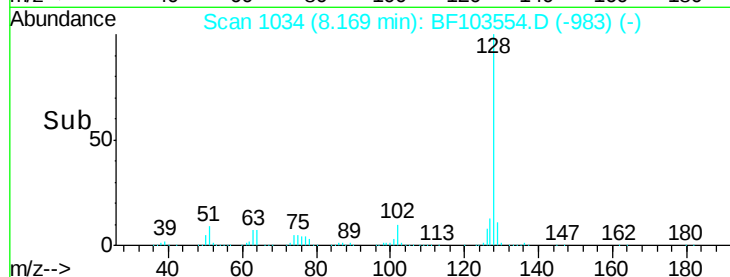
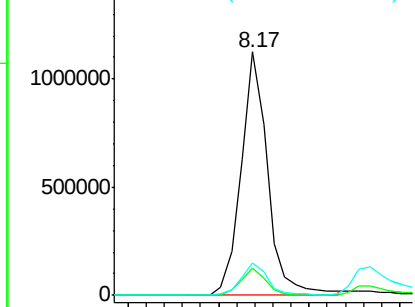
#31
Naphthalene
Concen: 40.085 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1151217
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.3 10.9 16.3

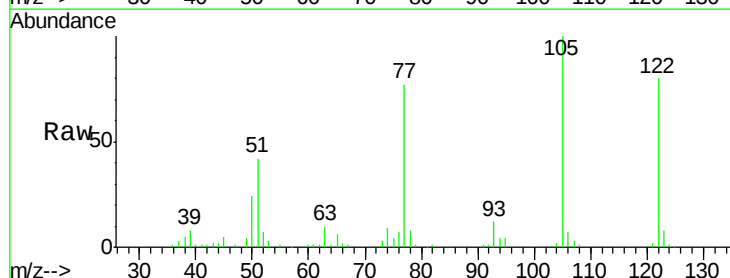


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

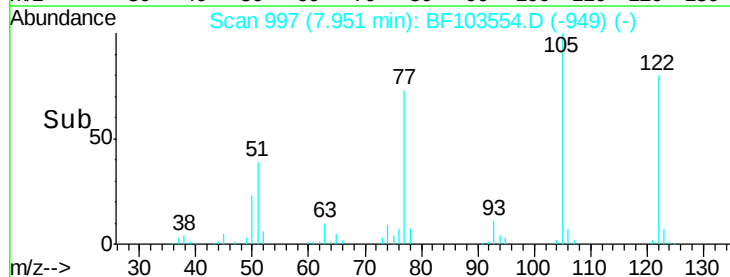
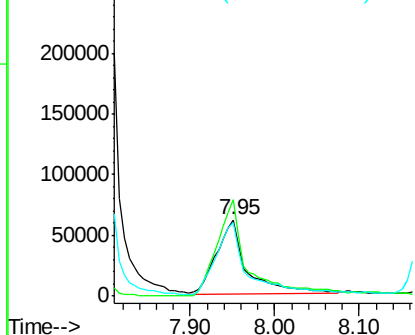


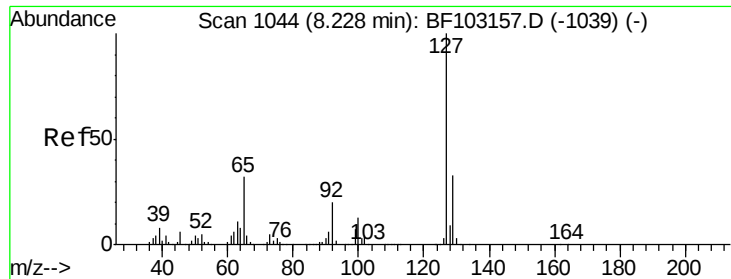
#32
Benzoic acid
Concen: 28.081 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion:122 Resp: 149304
Ion Ratio Lower Upper
122 100
105 125.3 101.1 141.1
77 96.7 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

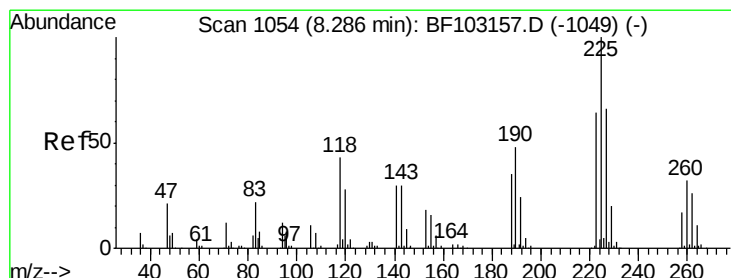
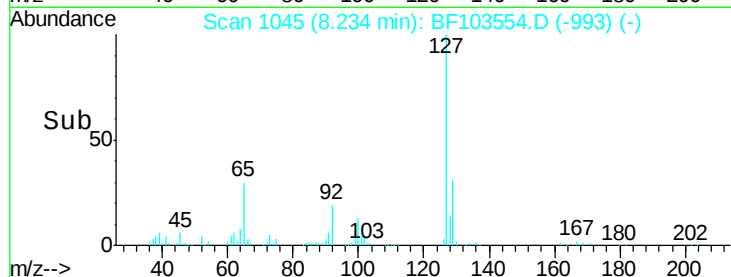
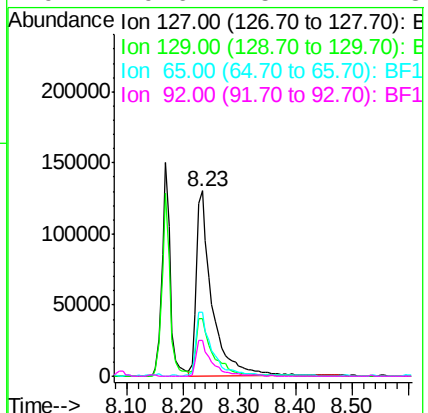
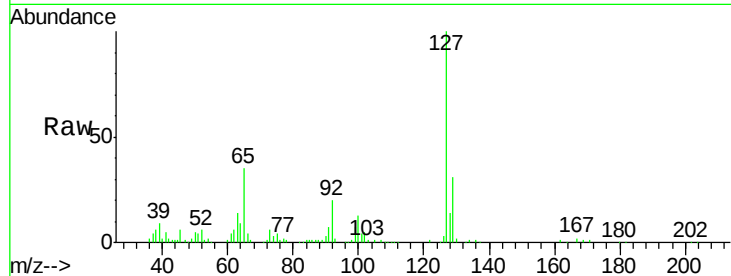




#33
 4-Chloroaniline
 Concen: 20.019 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

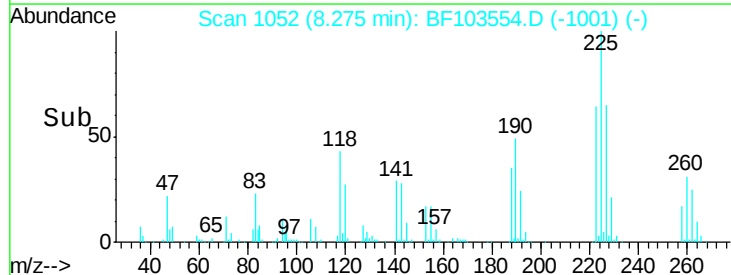
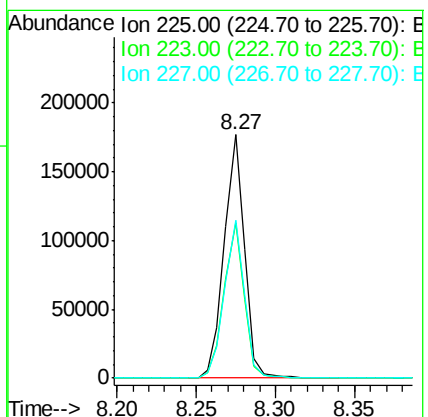
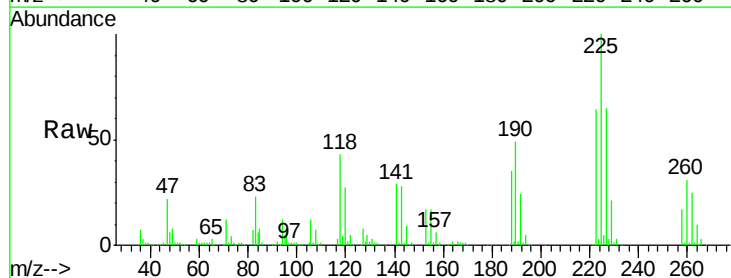
Instrument :
 BNA_F
 ClientSampleId :

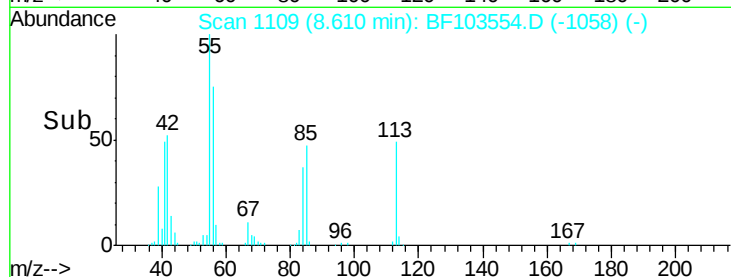
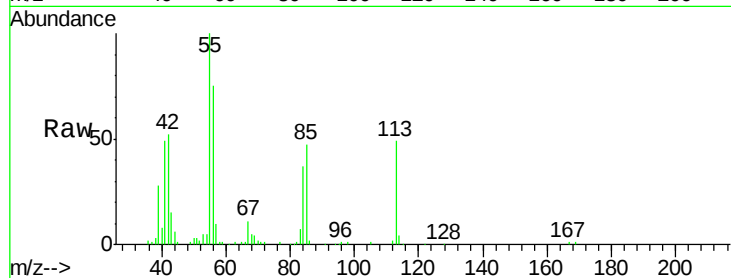
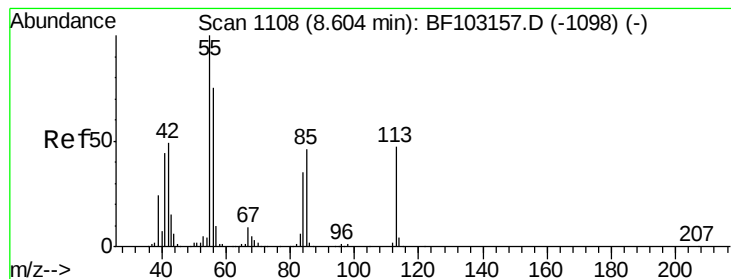
Tot Ion:	127	Resp:	248098
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	34.5	25.0	37.4
92	19.6	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 36.458 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion:	225	Resp:	157520
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	65.0	51.9	77.9





#35

Caprolactam

Concen: 43.213 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

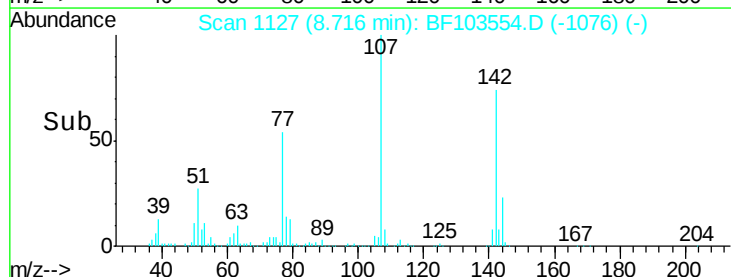
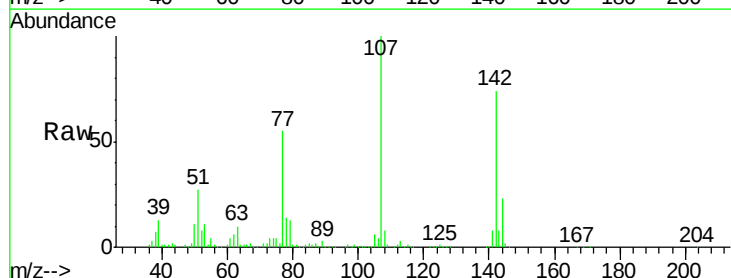
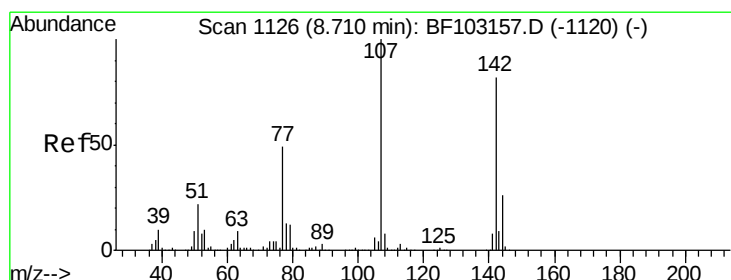
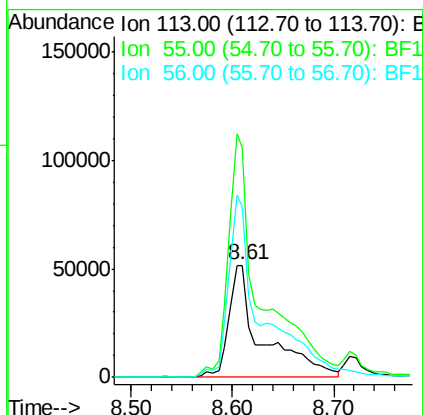
Tot Ion:113 Resp: 118331

Ion Ratio Lower Upper

113 100

55 203.7 163.3 203.3#

56 152.0 115.7 155.7



#36

4-Chloro-3-methylphenol

Concen: 44.743 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

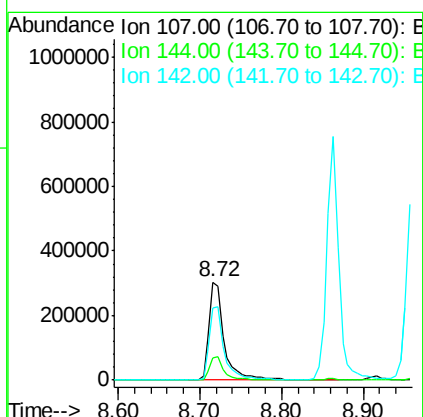
Tgt Ion:107 Resp: 393200

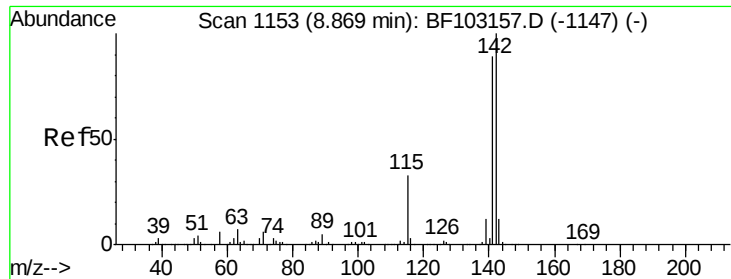
Ion Ratio Lower Upper

107 100

144 23.3 20.5 30.7

142 74.0 62.0 93.0

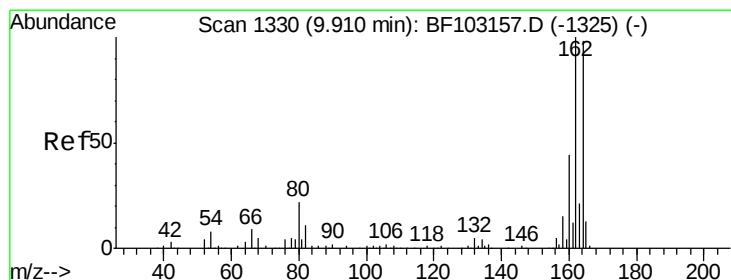
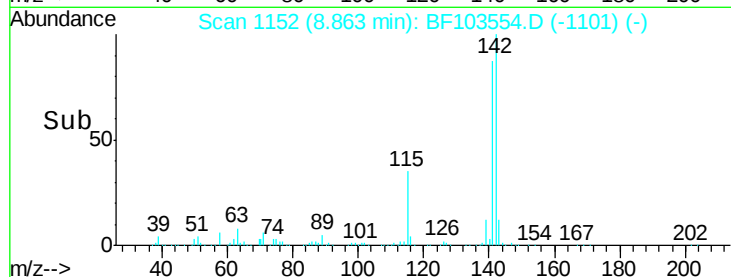
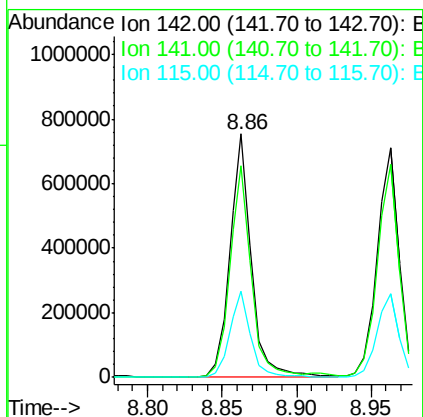
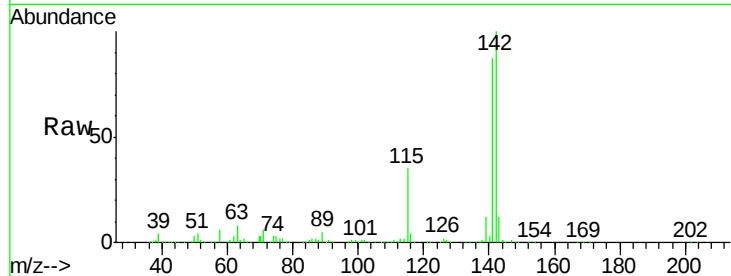




#37
2-Methylnaphthalene
Concen: 41.080 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

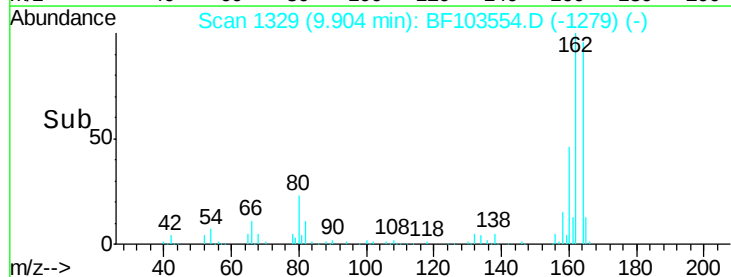
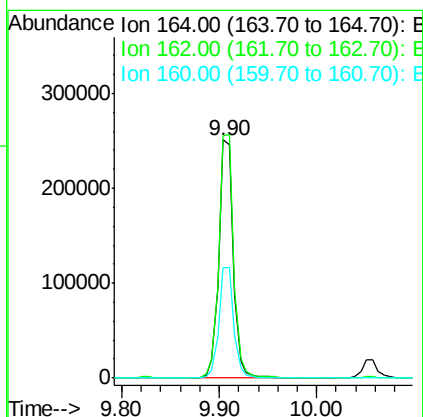
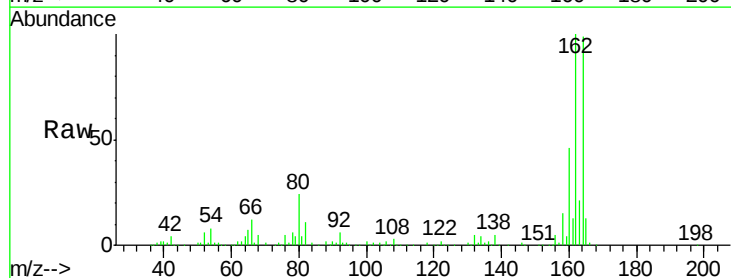
Instrument :
BNA_F
ClientSampleId :

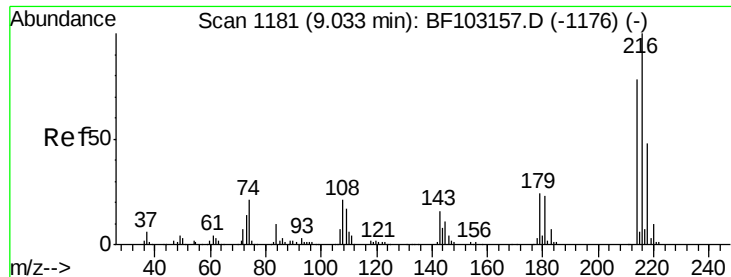
Tot Ion:142 Resp: 762474
Ion Ratio Lower Upper
142 100
141 87.0 70.8 106.2
115 35.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion:164 Resp: 261115
Ion Ratio Lower Upper
164 100
162 101.4 86.1 129.1
160 46.5 38.3 57.5

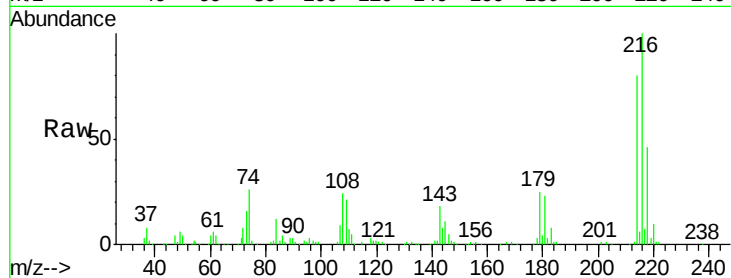




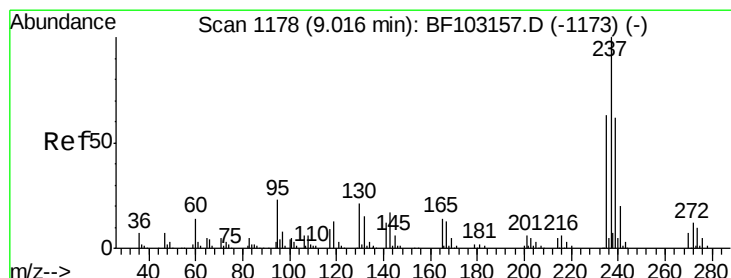
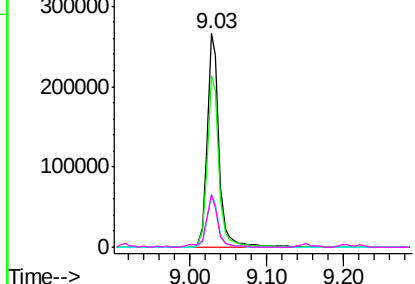
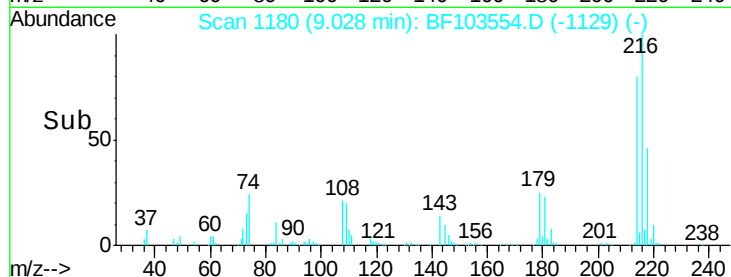
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.392 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 281198
 Ion Ratio Lower Upper
 216 100
 214 79.9 63.0 94.4
 179 24.0 18.1 27.1
 108 23.8 17.2 25.8

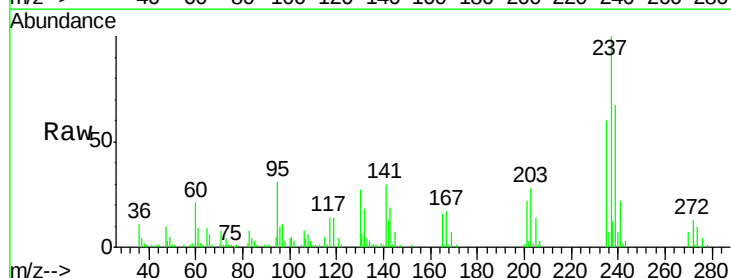


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

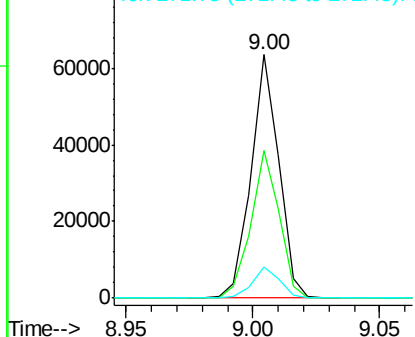
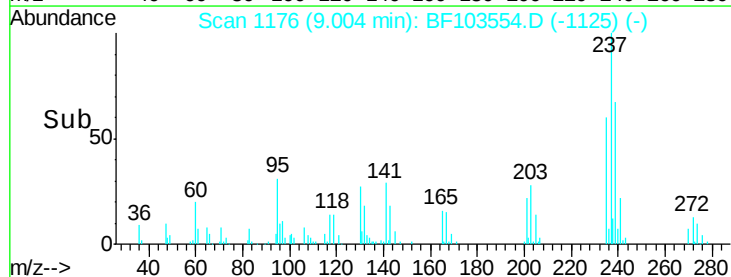


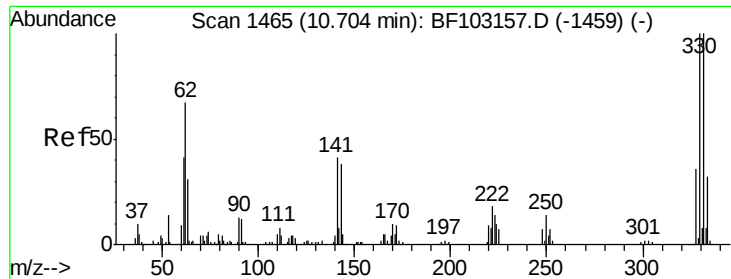
#40
 Hexachlorocyclopentadiene
 Concen: 26.070 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion:237 Resp: 48649
 Ion Ratio Lower Upper
 237 100
 235 60.5 44.8 84.8
 272 12.8 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

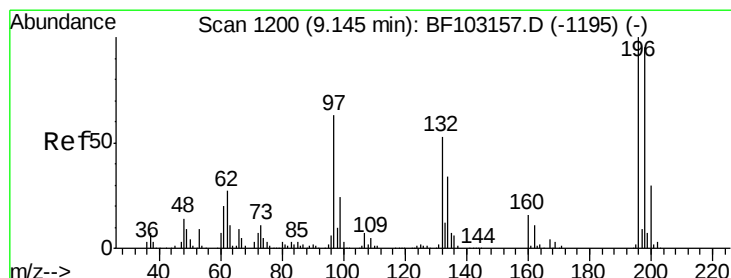
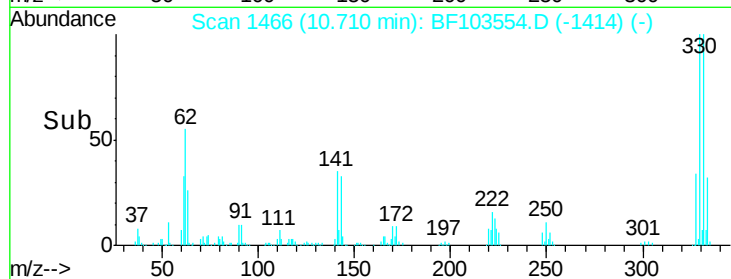
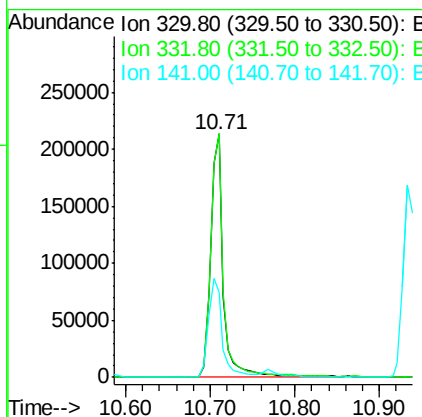
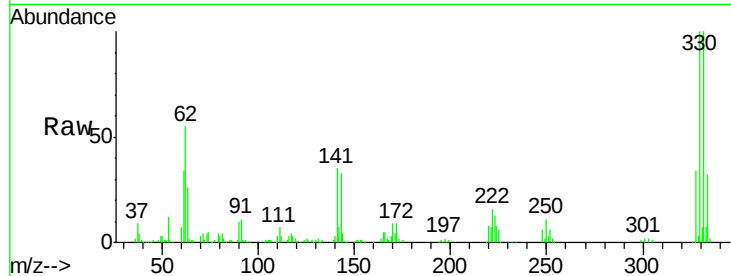




#41
 2,4,6-Tribromophenol
 Concen: 103.667 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

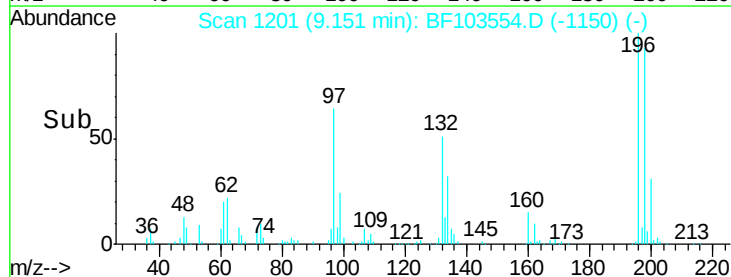
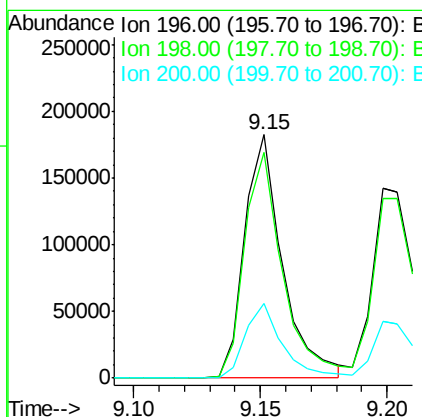
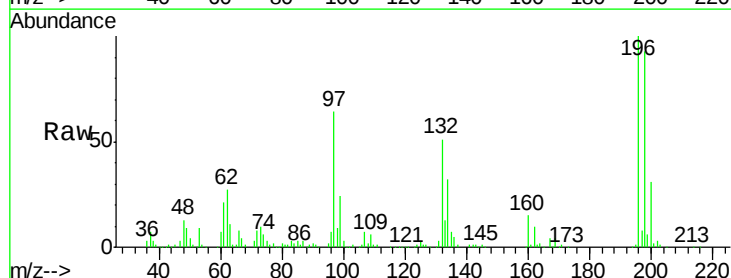
Instrument :
 BNA_F
 ClientSampleId :

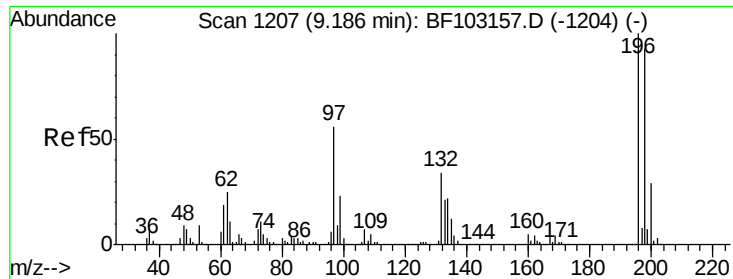
Tot Ion:330 Resp: 229124
 Ion Ratio Lower Upper
 330 100
 332 101.1 77.0 115.6
 141 44.0 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.718 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion:196 Resp: 190774
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.7 113.5
 200 30.8 24.5 36.7

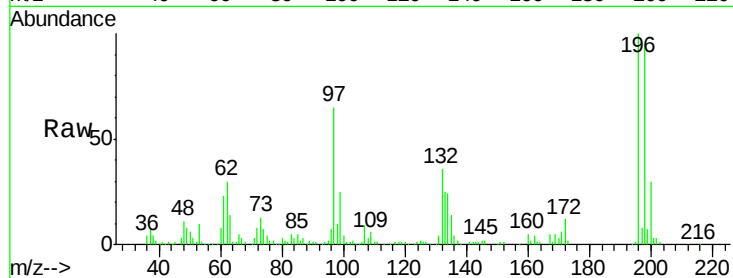




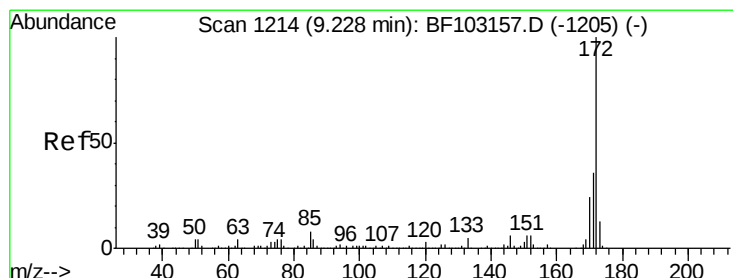
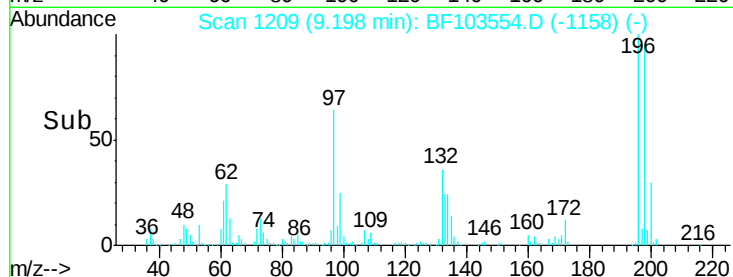
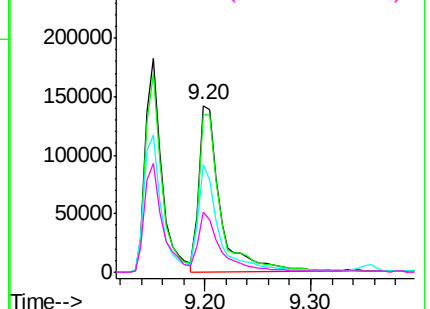
#43
 2,4,5-Trichlorophenol
 Concen: 35.755 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 197527
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.6 112.0
 97 64.8 42.9 64.3#
 132 36.5 26.3 39.5

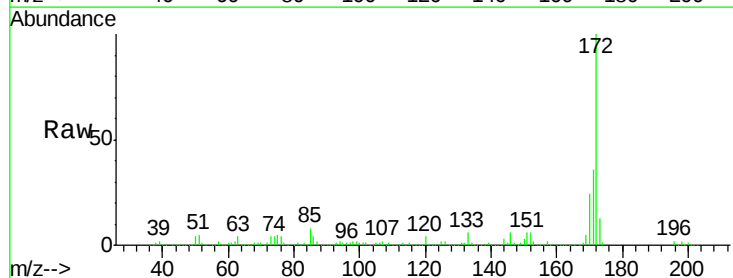


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

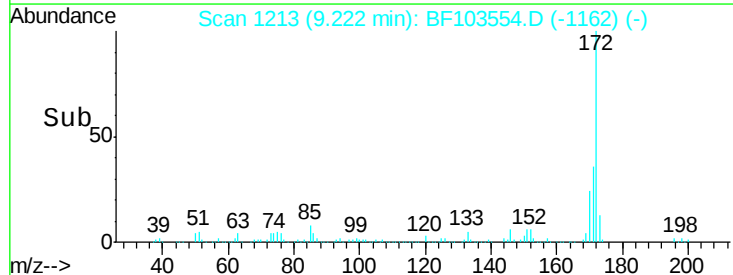
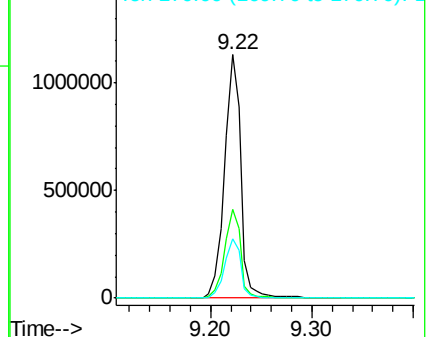


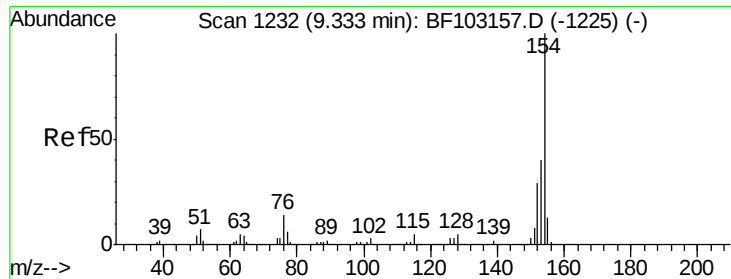
#44
 2-Fluorobiphenyl
 Concen: 82.134 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion:172 Resp: 1255169
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.4 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

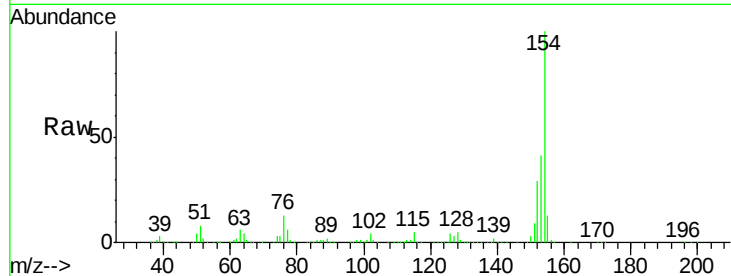




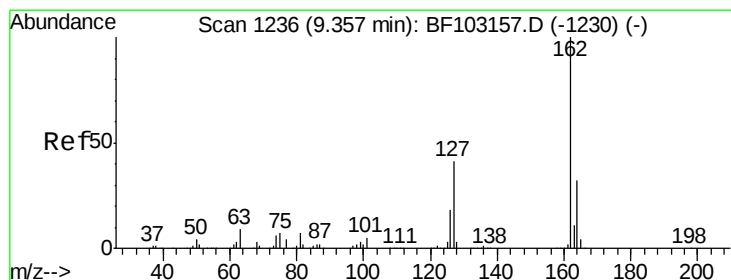
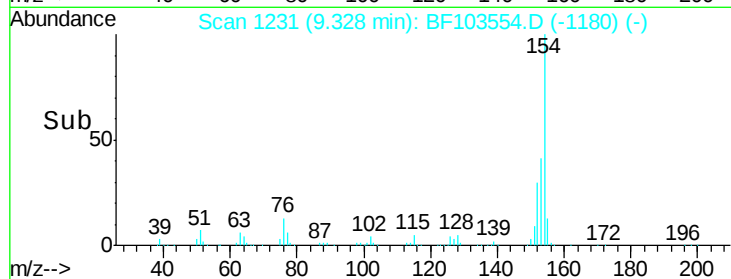
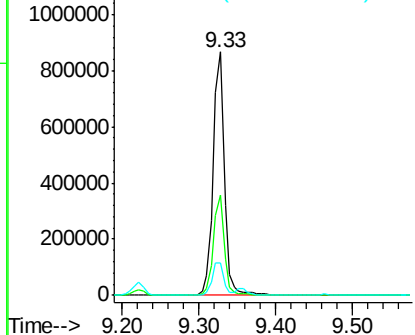
#45
 1,1'-Biphenyl
 Concen: 39.471 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 863643
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.3 61.3
 76 13.4 0.0 34.0

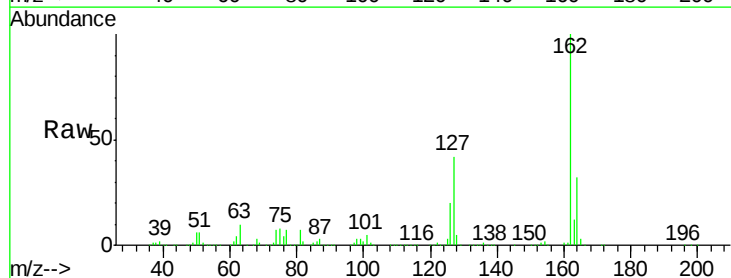


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

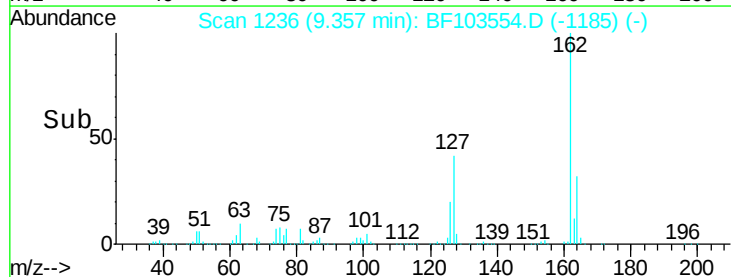
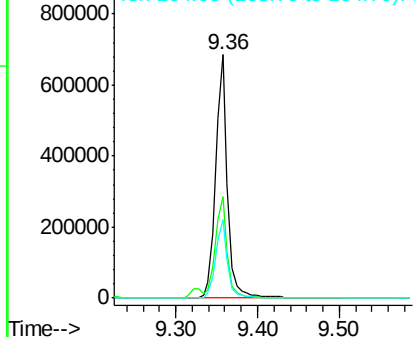


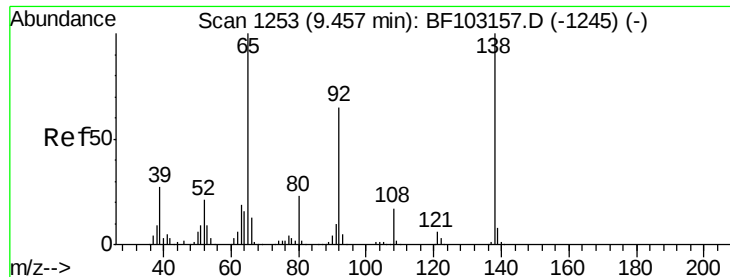
#46
 2-Chloronaphthalene
 Concen: 39.940 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion:162 Resp: 691374
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.9 50.9
 164 32.5 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

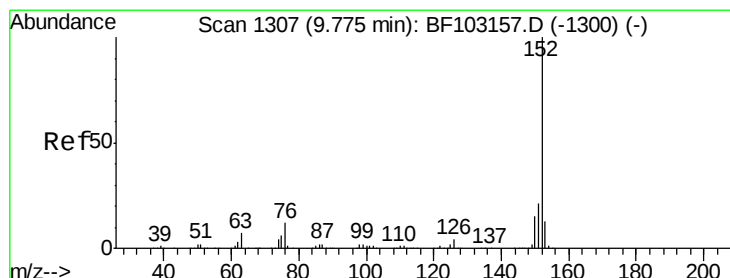
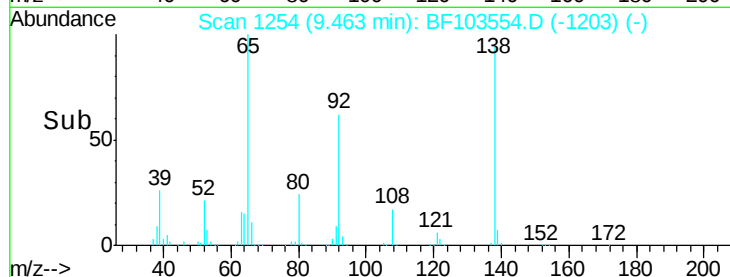
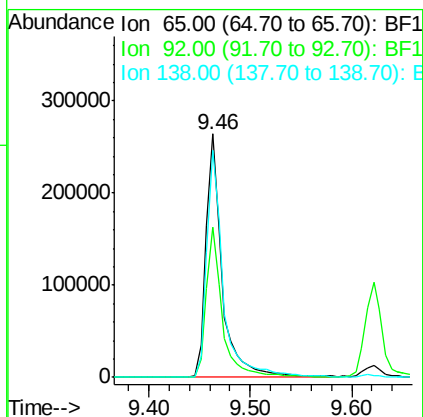
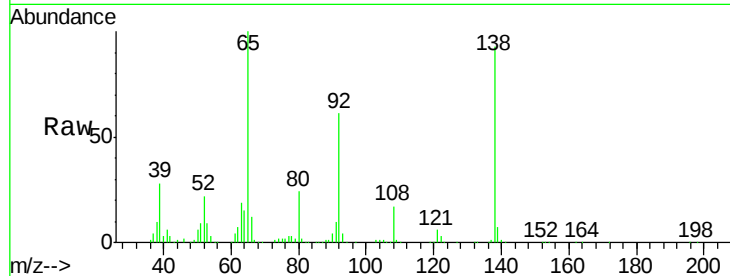




#47
2-Nitroaniline
Concen: 45.746 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

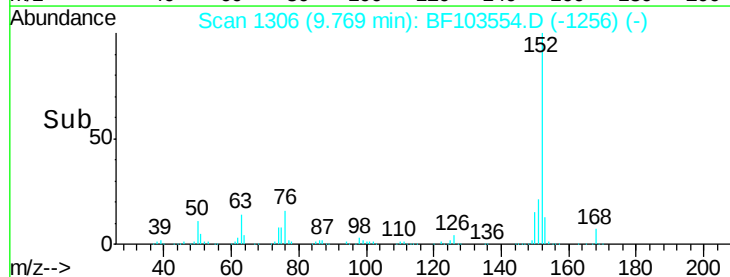
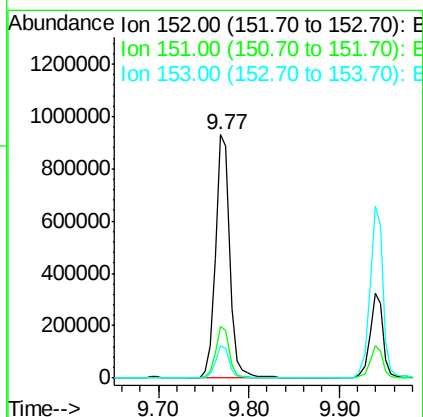
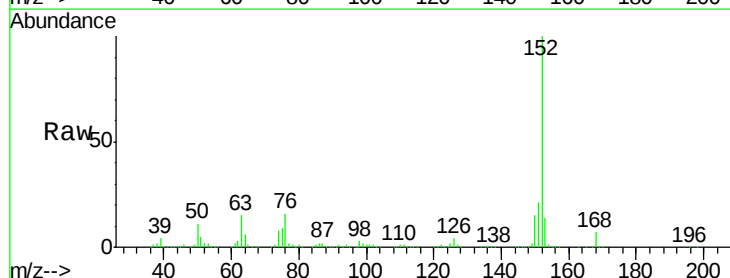
Instrument :
BNA_F
ClientSampleId :

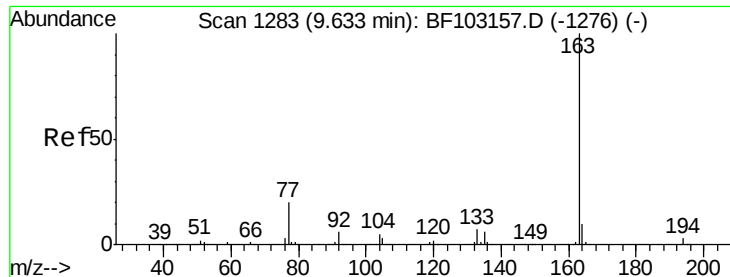
Tot Ion: 65 Resp: 293322
Ion Ratio Lower Upper
65 100
92 61.4 55.8 83.6
138 93.0 91.2 136.8



#48
Acenaphthylene
Concen: 38.031 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion: 152 Resp: 1012895
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 13.5 10.7 16.1

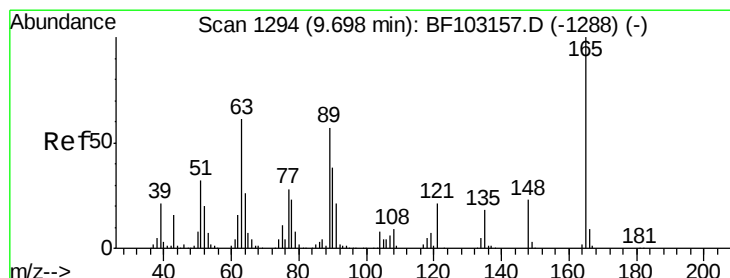
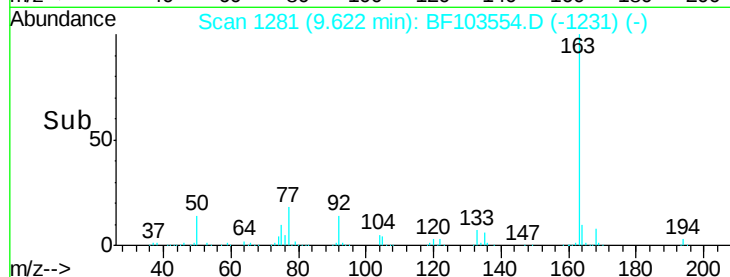
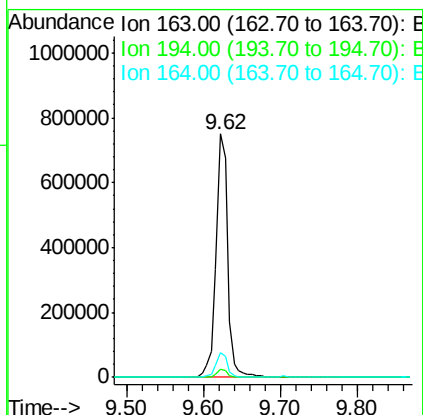
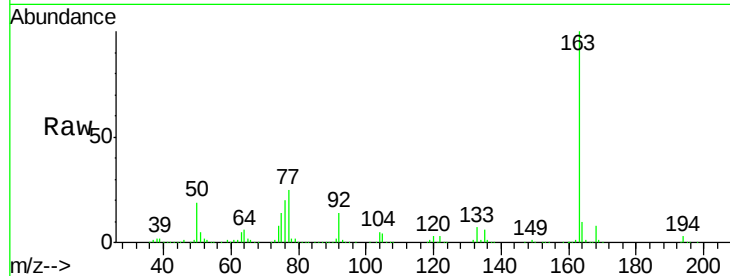




#49
Dimethylphthalate
Concen: 36.894 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

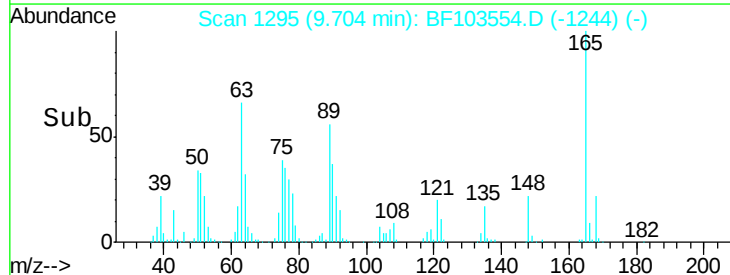
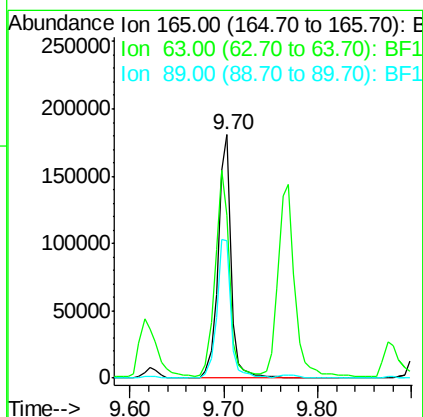
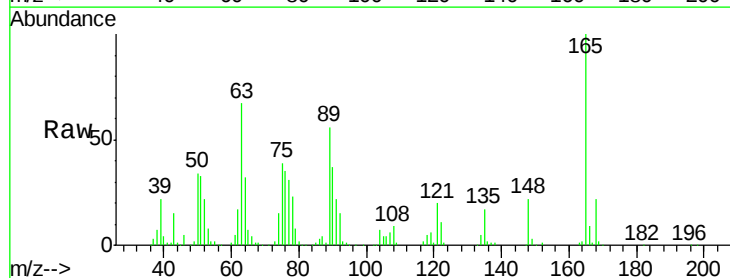
Instrument :
BNA_F
ClientSampleId :

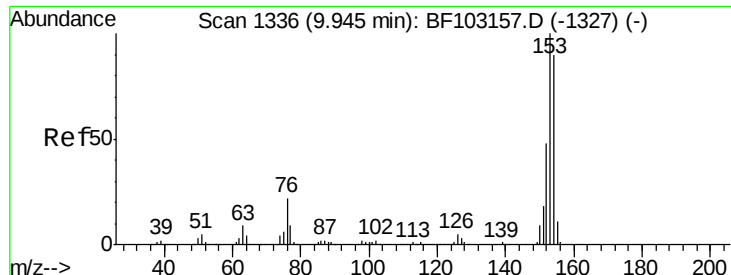
Tot Ion:163 Resp: 772830
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 39.850 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion:165 Resp: 175174
Ion Ratio Lower Upper
165 100
63 67.2 44.7 67.1#
89 56.5 44.0 66.0





#51

Acenaphthene

Concen: 37.985 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

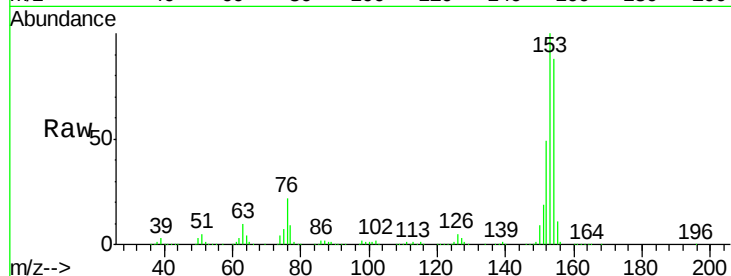
Tot Ion:154 Resp: 589916

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

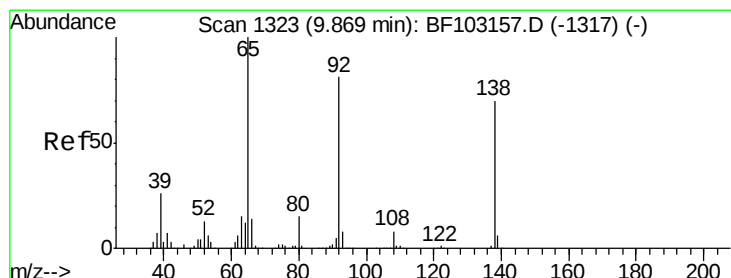
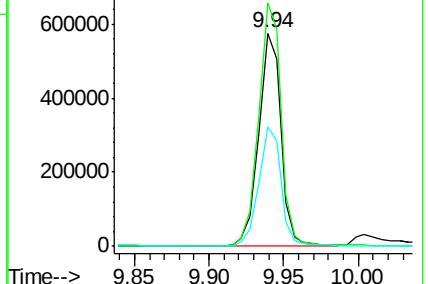
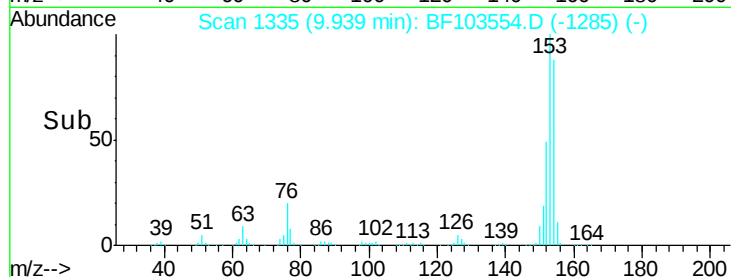
152 56.0 43.8 65.8



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: 27.552 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

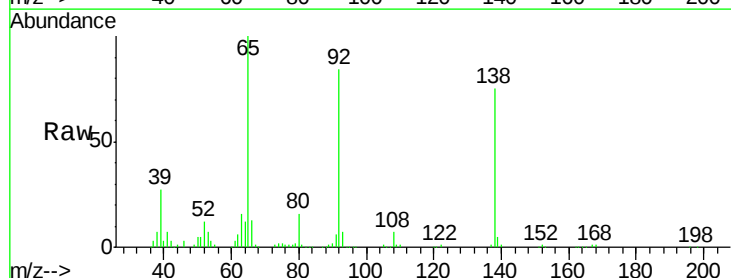
Tgt Ion:138 Resp: 153661

Ion Ratio Lower Upper

138 100

108 9.0 9.4 14.0#

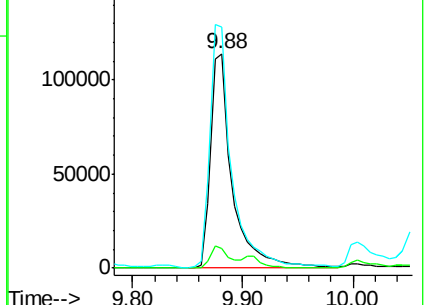
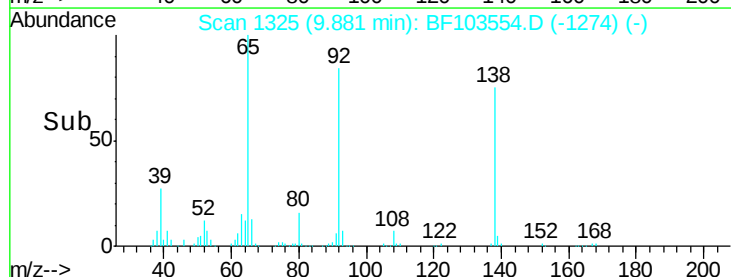
92 112.3 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

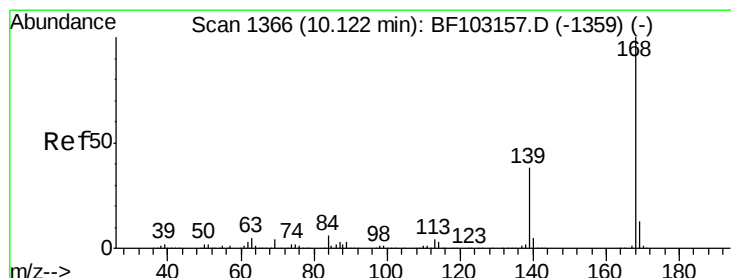
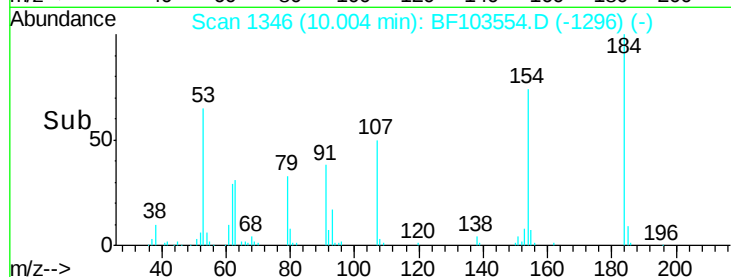
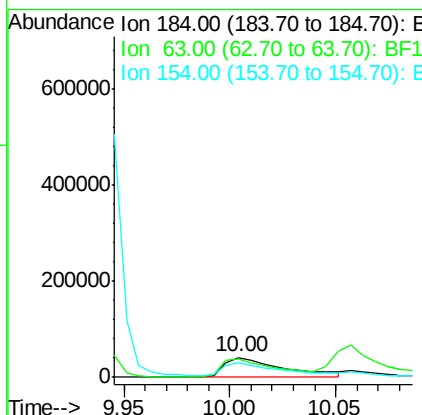
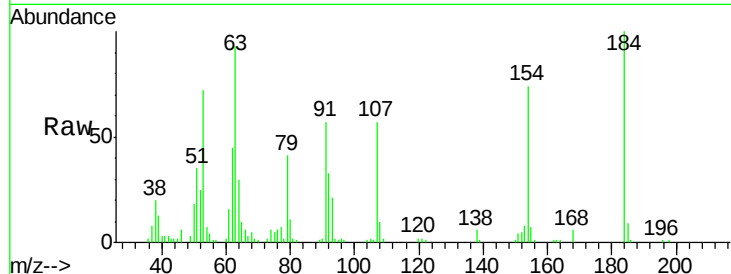




#53
 2,4-Dinitrophenol
 Concen: 53.040 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

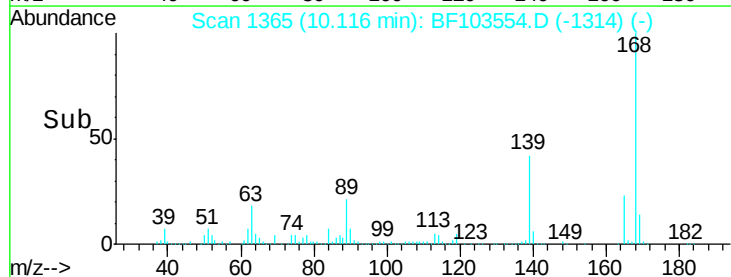
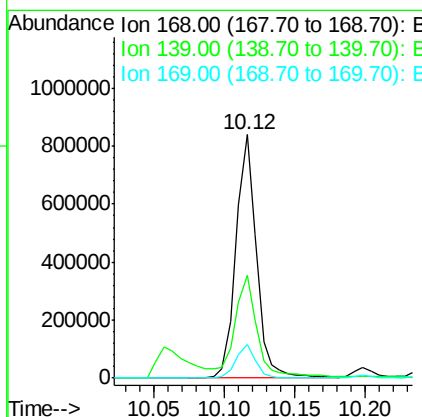
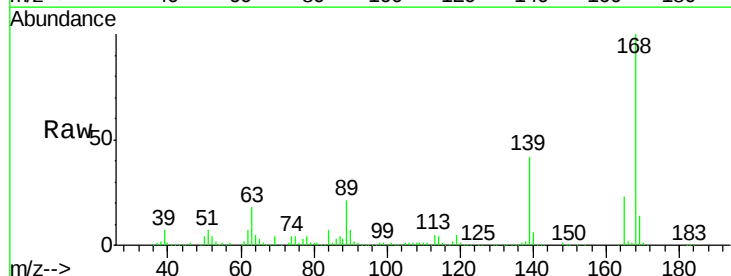
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 78365
 Ion Ratio Lower Upper
 184 100
 63 93.2 54.2 81.2#
 154 74.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 39.923 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion:168 Resp: 851117
 Ion Ratio Lower Upper
 168 100
 139 42.4 30.1 45.1
 169 13.6 10.9 16.3

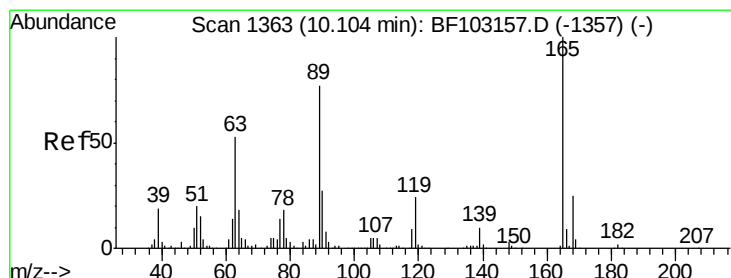
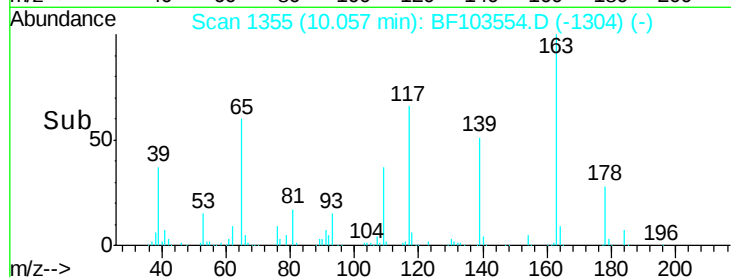
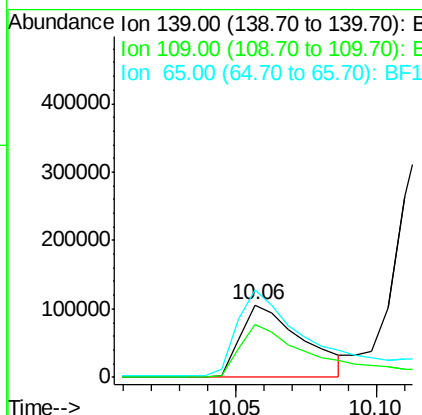
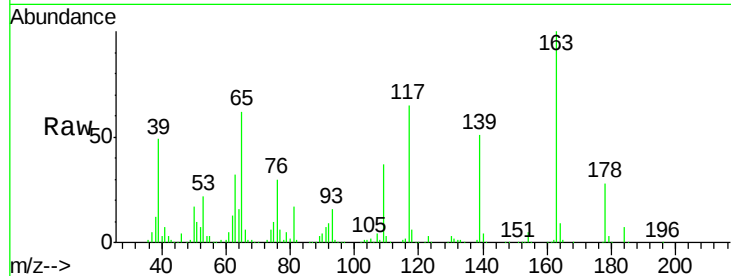




#55
4-Nitrophenol
Concen: 46.331 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

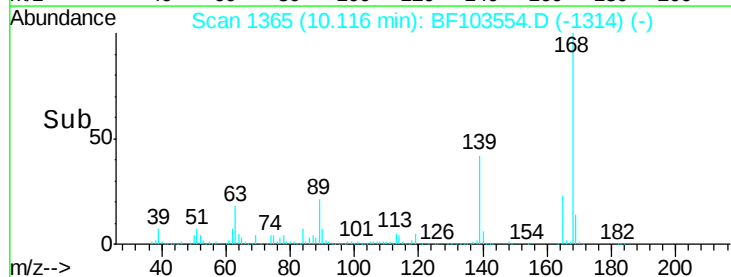
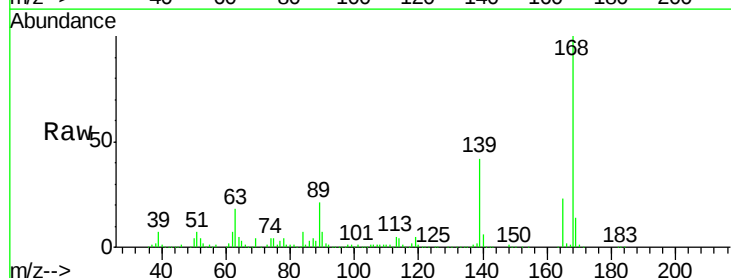
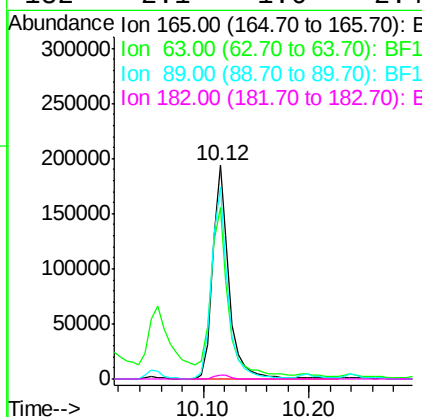
Instrument :
BNA_F
ClientSampled :

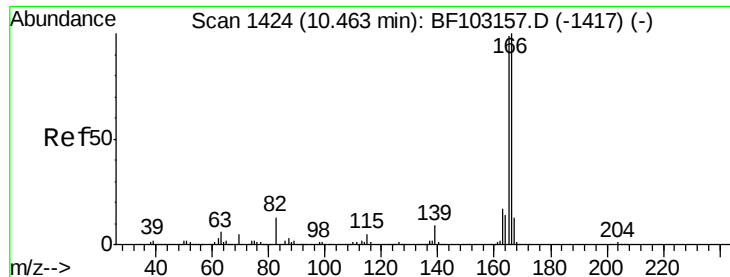
Tot Ion:139 Resp: 160145
Ion Ratio Lower Upper
139 100
109 72.8 48.4 88.4
65 121.8 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 38.144 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion:165 Resp: 212064
Ion Ratio Lower Upper
165 100
63 80.1 36.4 54.6#
89 89.9 57.8 86.6#
182 2.1 1.6 2.4





#57

Fluorene

Concen: 38.724 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

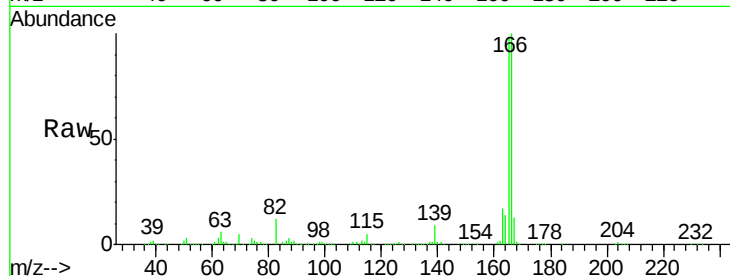
Tot Ion:166 Resp: 703261

Ion Ratio Lower Upper

166 100

165 97.6 79.8 119.8

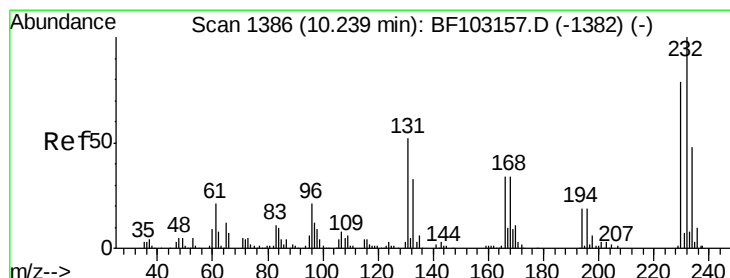
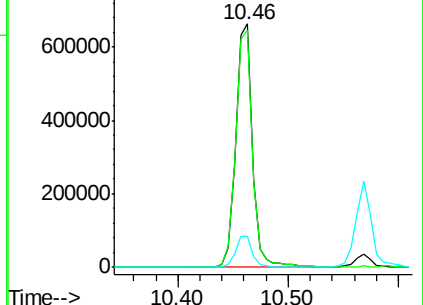
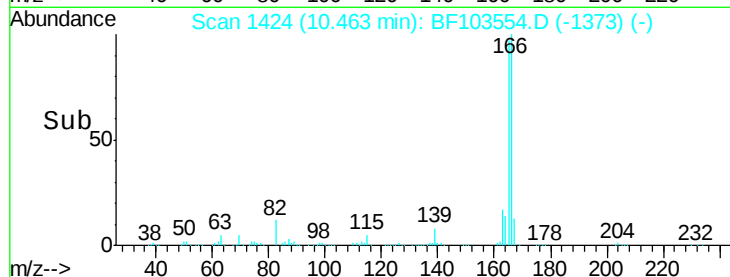
167 13.0 10.6 16.0



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: 32.263 ng

RT: 10.20 min Scan# 1379

Delta R.T. -0.04 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Tgt Ion:232 Resp: 119733

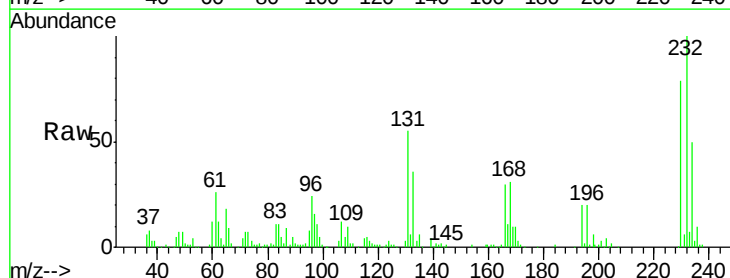
Ion Ratio Lower Upper

232 100

131 55.0 43.8 65.8

130 3.0 2.1 3.1

166 29.8 27.8 41.6

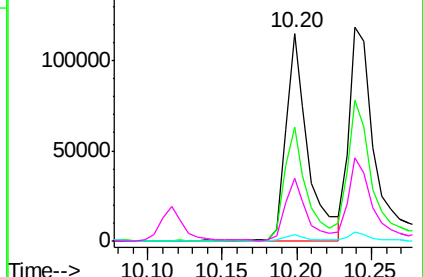
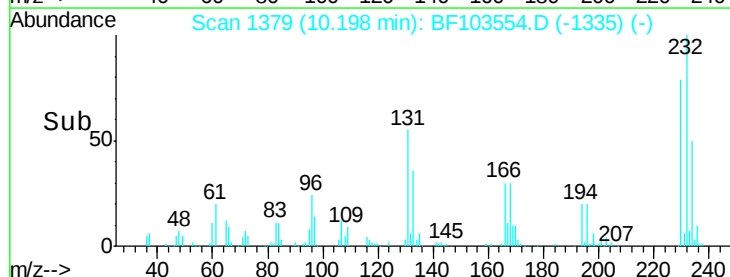


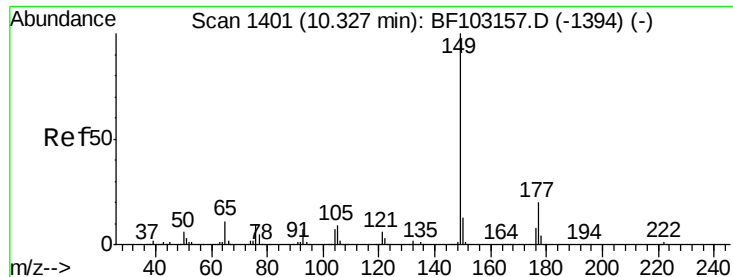
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

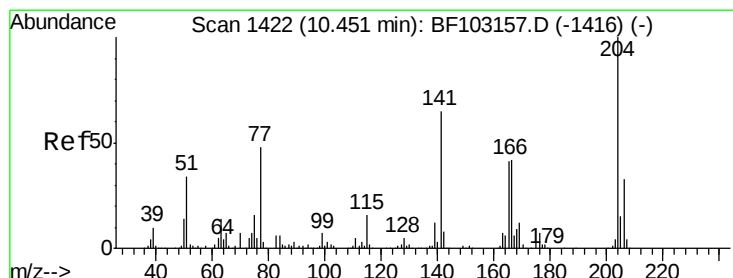
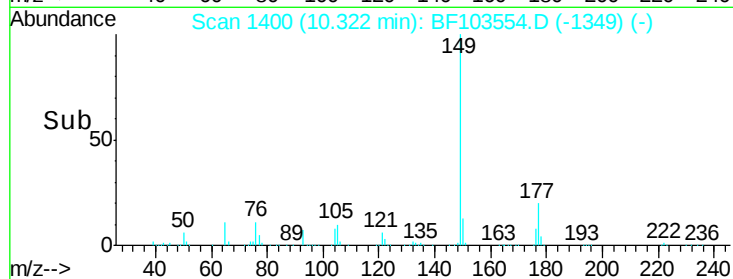
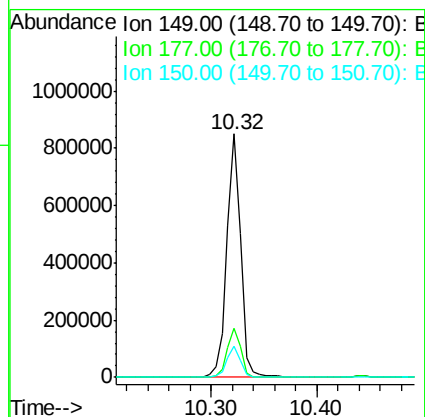
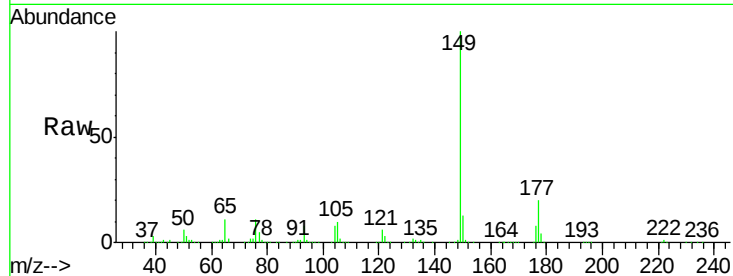




#59
Diethylphthalate
Concen: 38.930 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

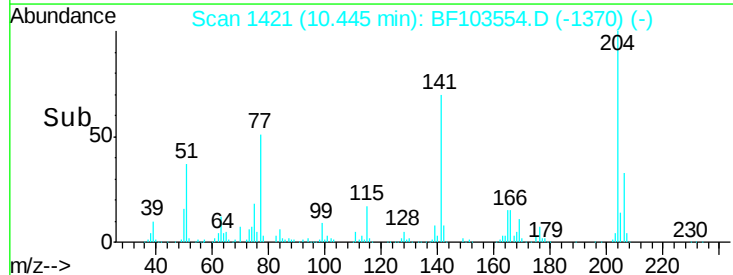
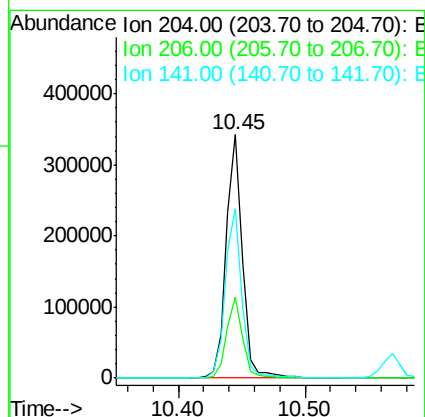
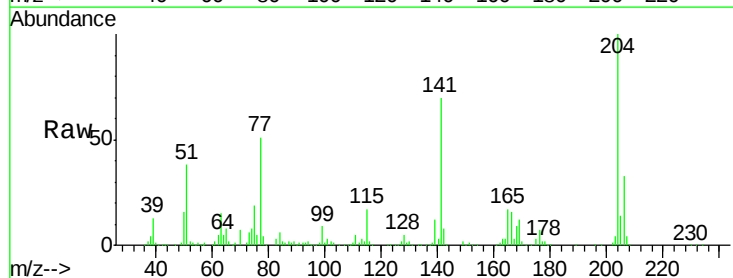
Instrument :
BNA_F
ClientSampleId :

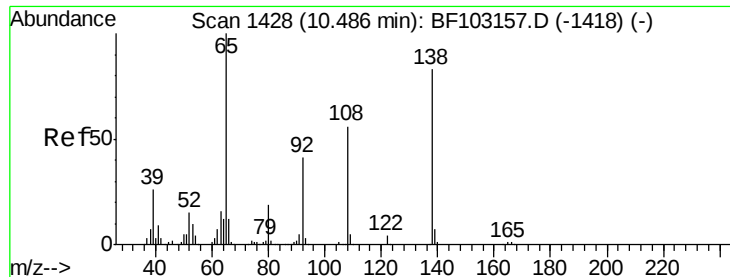
Tot Ion:149 Resp: 779932
Ion Ratio Lower Upper
149 100
177 20.3 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.703 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion:204 Resp: 305773
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 69.8 54.6 81.8

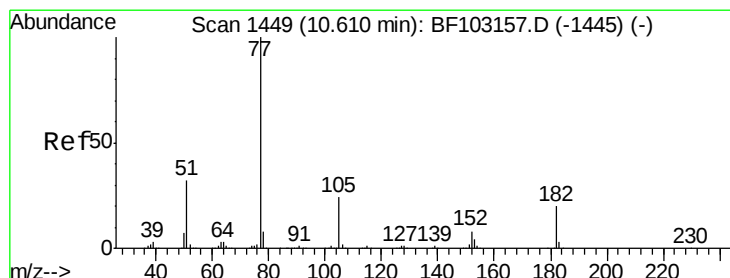
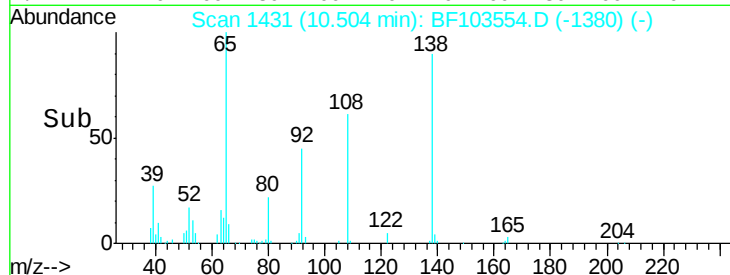
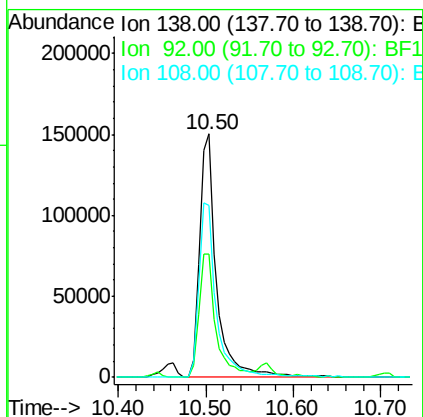
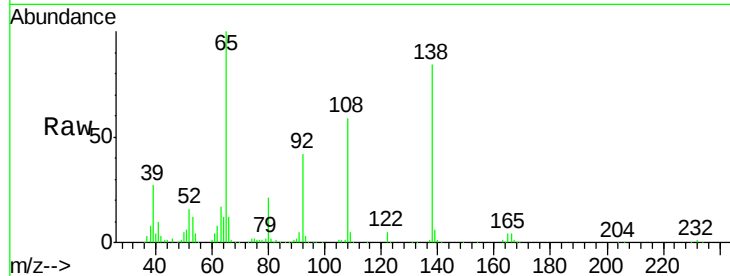




#61
4-Nitroaniline
Concen: 36.015 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

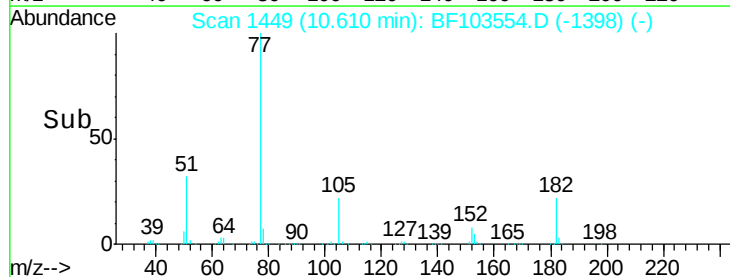
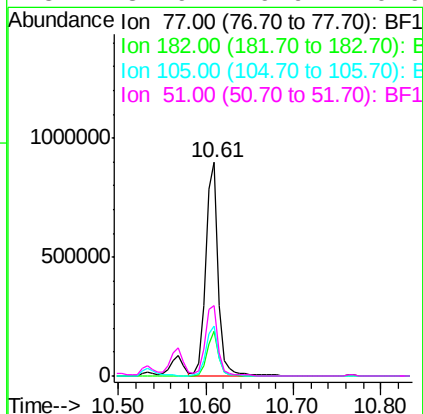
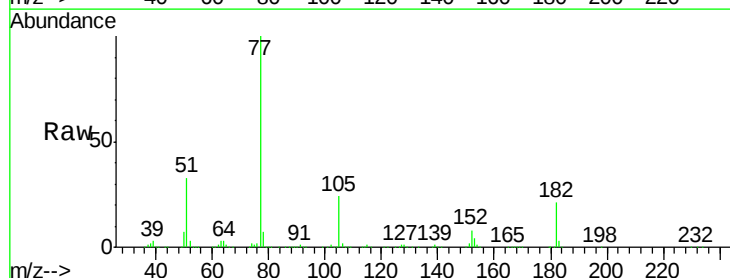
Instrument :
BNA_F
ClientSampled :

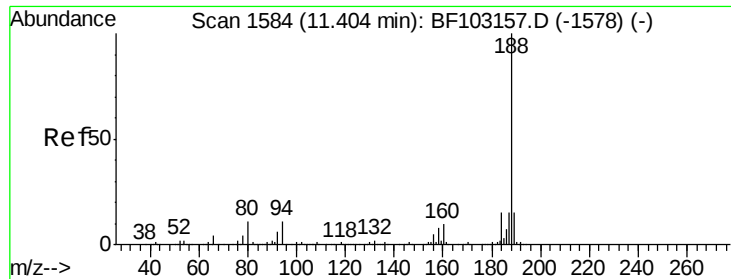
Tot Ion:138 Resp: 200619
Ion Ratio Lower Upper
138 100
92 50.4 30.2 70.2
108 70.6 52.5 92.5



#62
Azobenzene
Concen: 43.169 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion: 77 Resp: 880318
Ion Ratio Lower Upper
77 100
182 21.3 1.7 41.7
105 23.6 3.0 43.0
51 32.9 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

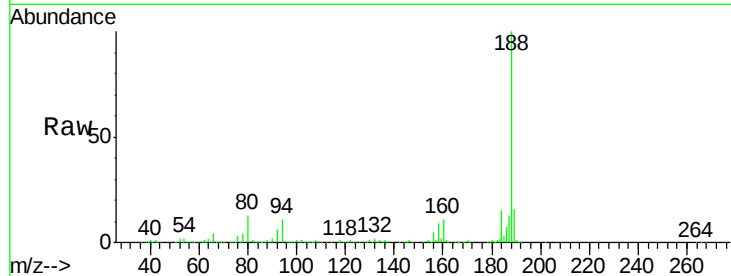
Tot Ion:188 Resp: 435915

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

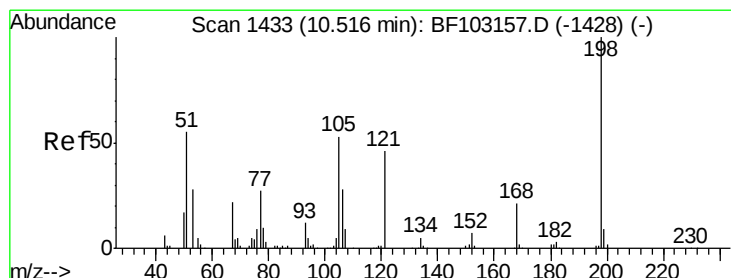
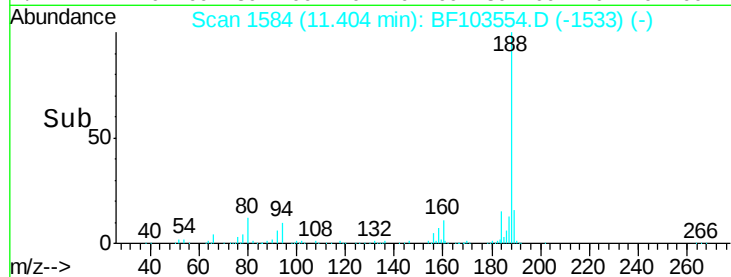
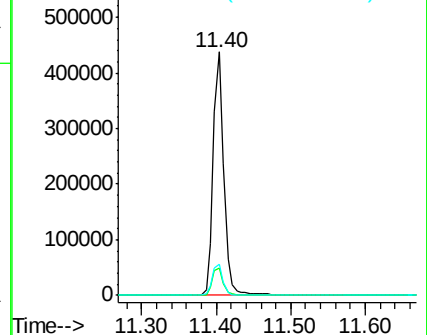
80 12.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 28.157 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

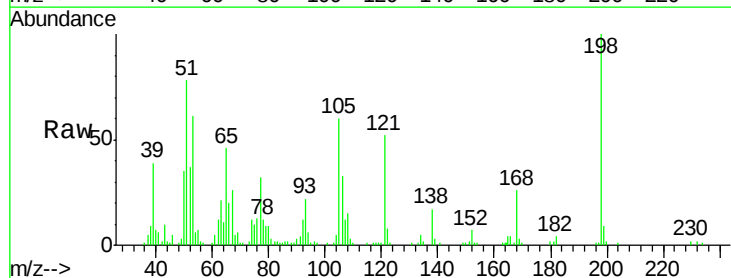
Tgt Ion:198 Resp: 68638

Ion Ratio Lower Upper

198 100

51 77.8 37.7 77.7#

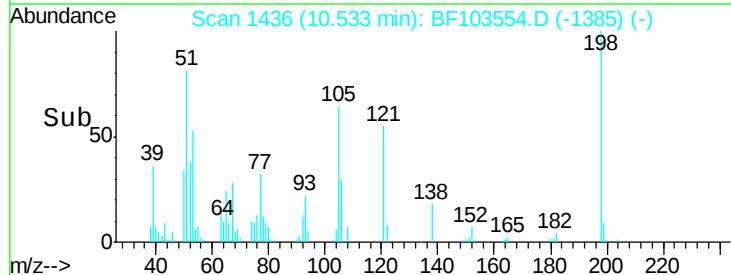
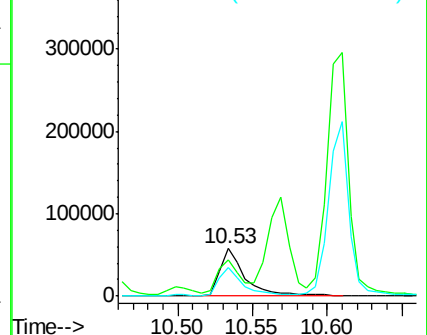
105 60.1 36.3 76.3

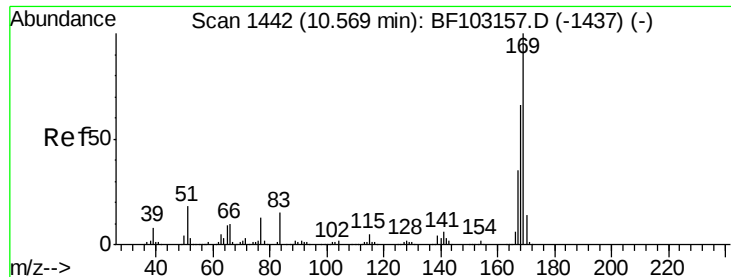


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.091 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

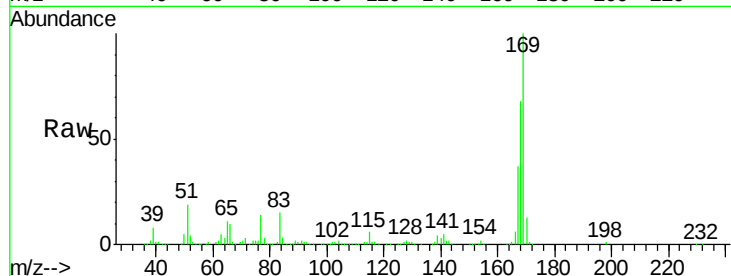
Tot Ion:169 Resp: 623670

Ion	Ratio	Lower	Upper
169	100		
168	68.4	54.4	81.6
167	37.3	29.8	44.6

169 100

168 68.4 54.4 81.6

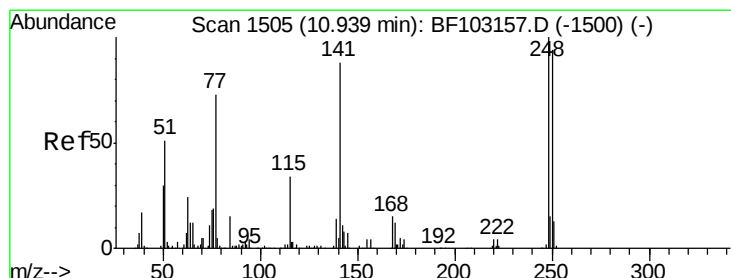
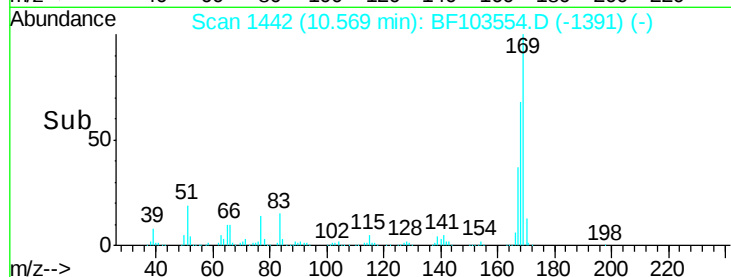
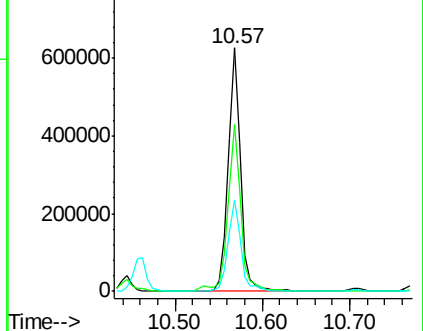
167 37.3 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.750 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

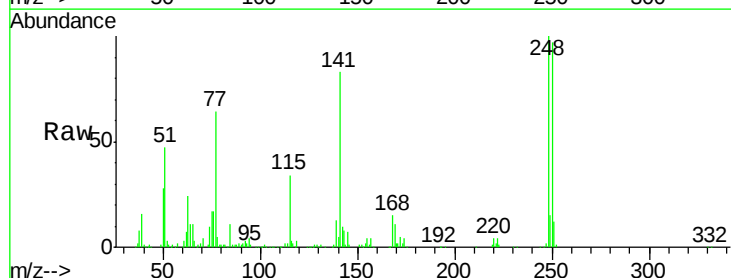
Tgt Ion:248 Resp: 175963

Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.9	115.3
141	82.7	74.4	111.6

248 100

250 97.5 76.9 115.3

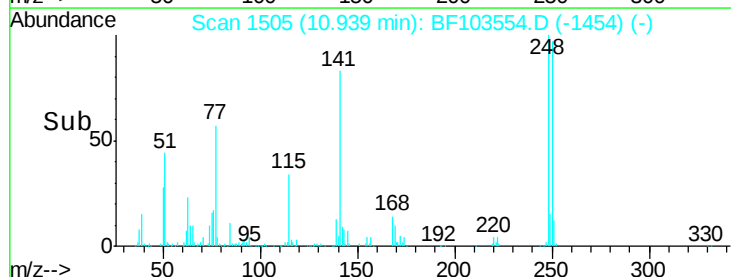
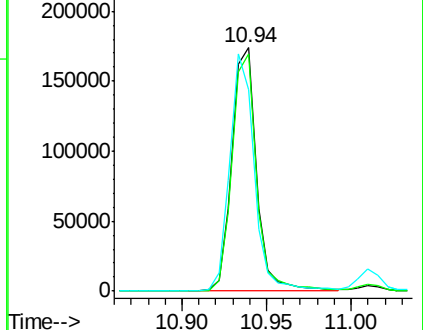
141 82.7 74.4 111.6

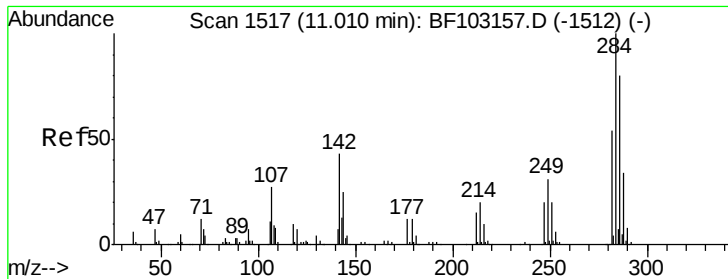


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

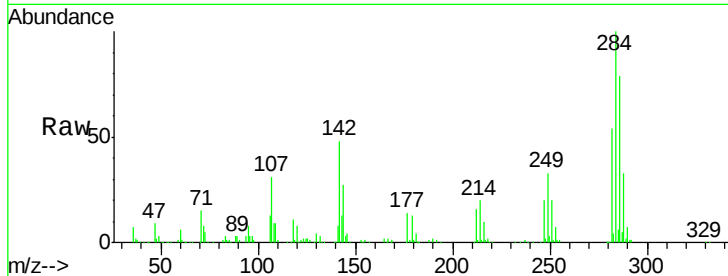




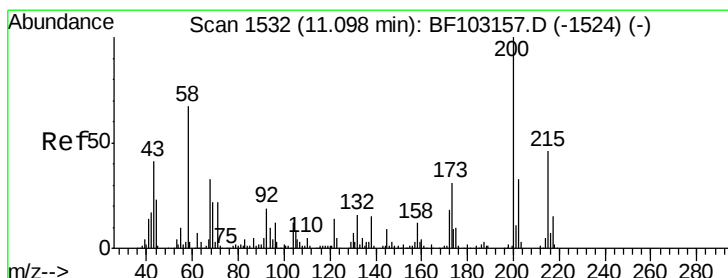
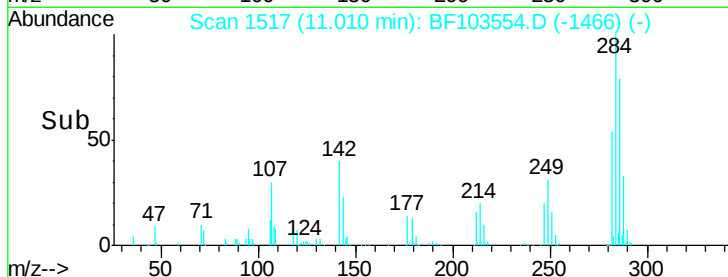
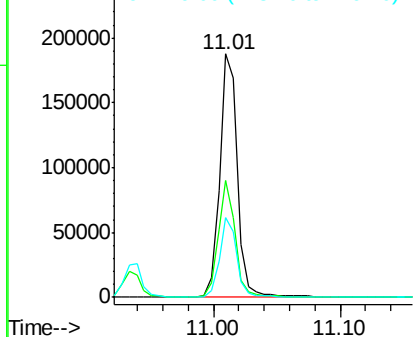
#67
Hexachlorobenzene
Concen: 37.253 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 183608
Ion Ratio Lower Upper
284 100
142 48.2 34.6 52.0
249 32.9 24.8 37.2

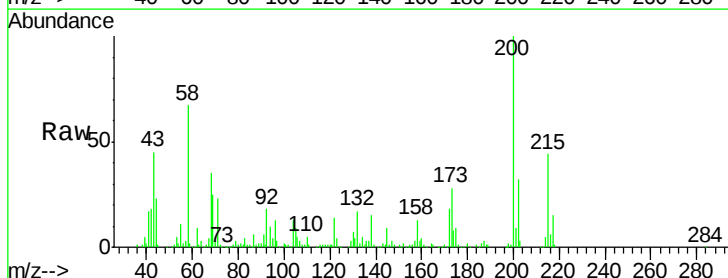


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

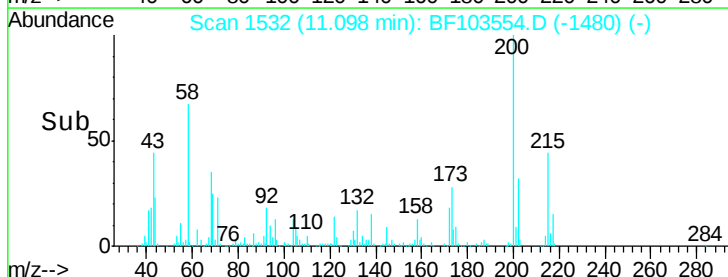
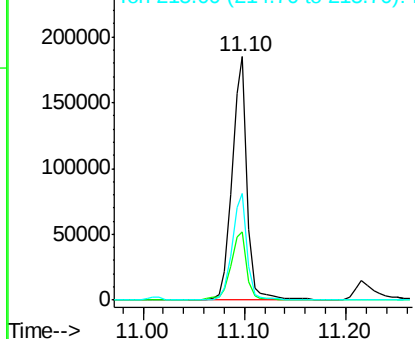


#68
Atrazine
Concen: 41.665 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion:200 Resp: 190078
Ion Ratio Lower Upper
200 100
173 28.2 8.6 48.6
215 43.8 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 46.016 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

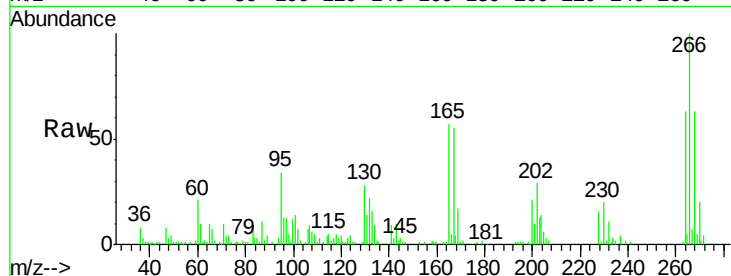
Tot Ion:266 Resp: 109661

Ion Ratio Lower Upper

266 100

268 63.4 51.1 76.7

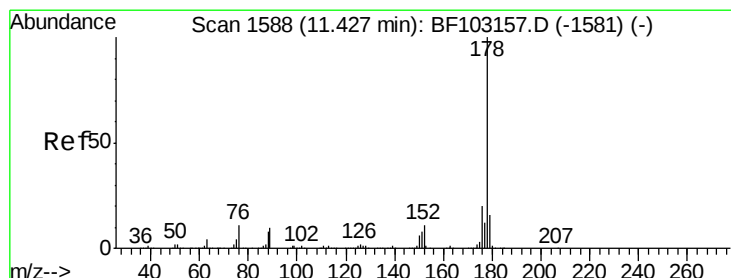
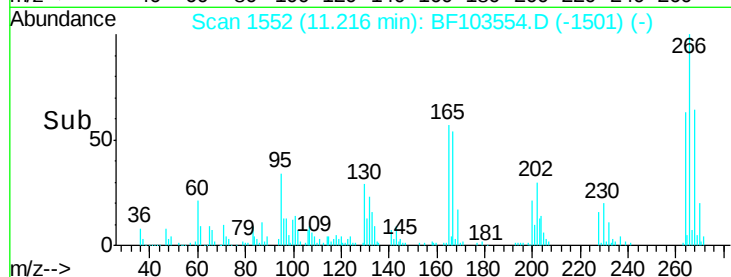
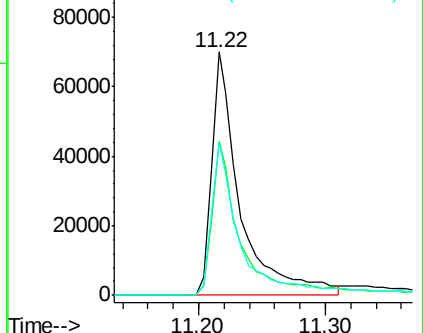
264 62.6 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.199 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

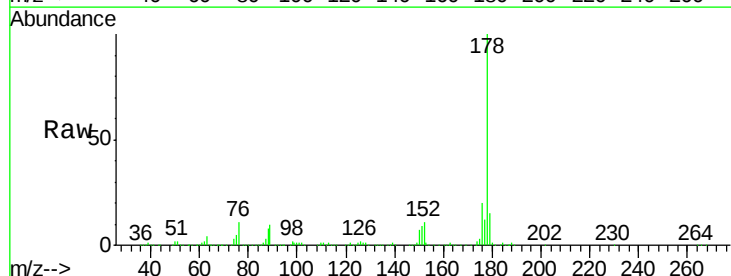
Tgt Ion:178 Resp: 940376

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

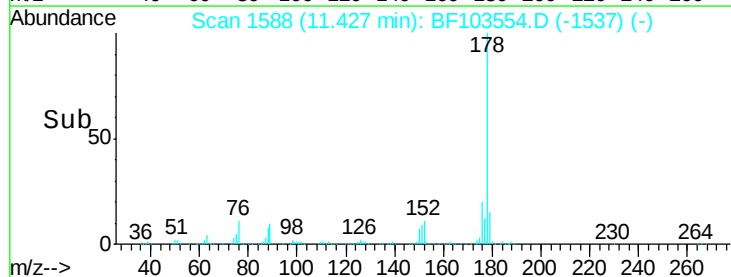
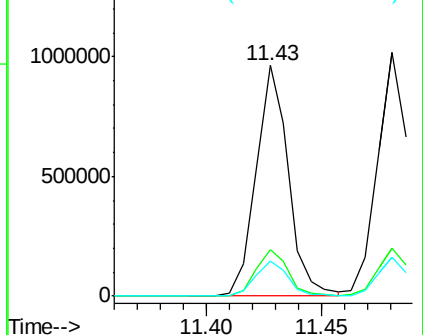
179 15.4 13.0 19.6

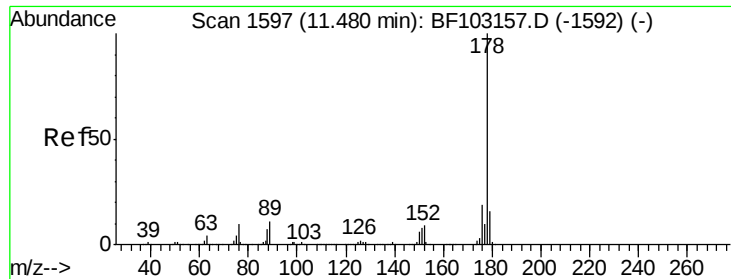


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

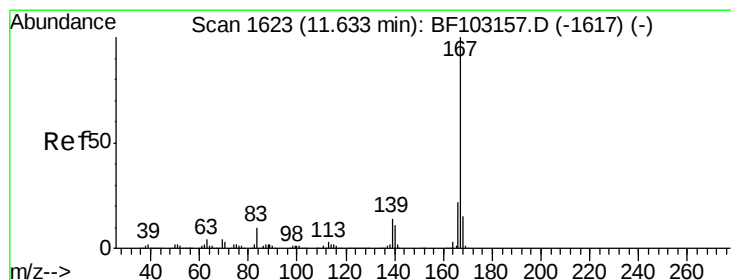
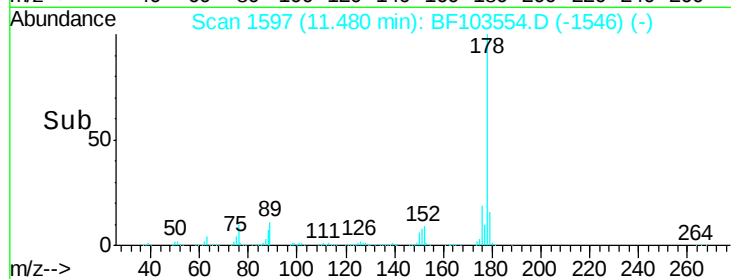
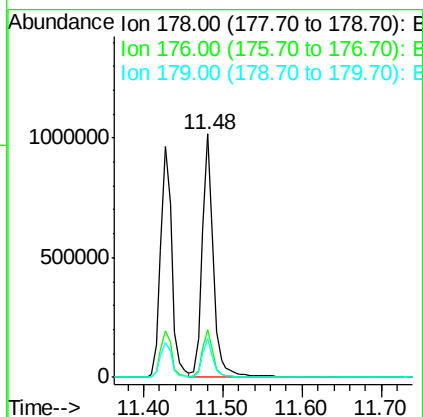
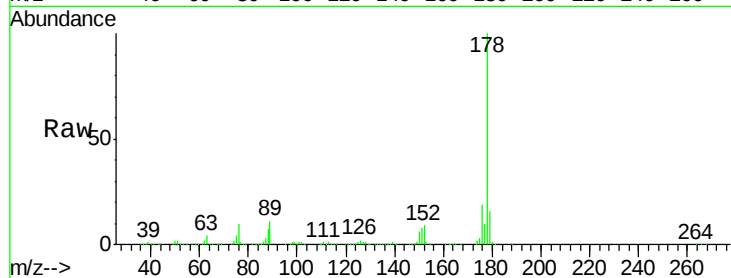




#71
 Anthracene
 Concen: 41.559 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

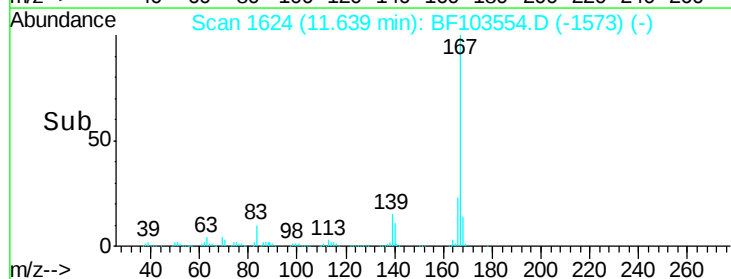
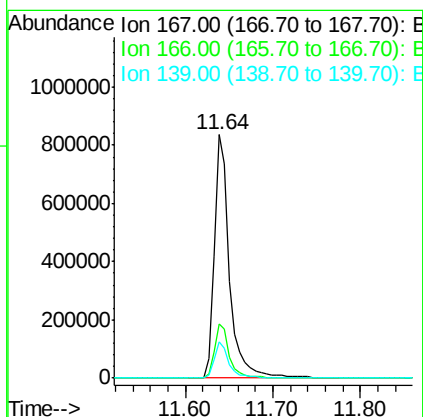
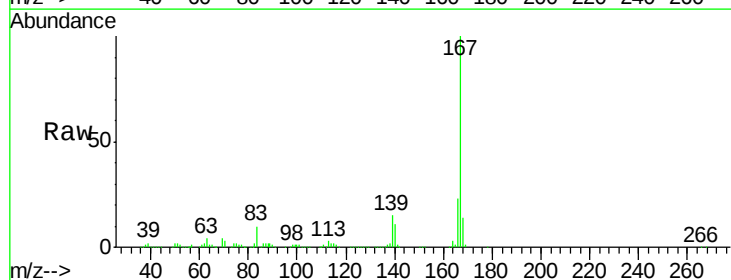
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1022347
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 40.918 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion:167 Resp: 1002380
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.211 ng

RT: 11.95 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

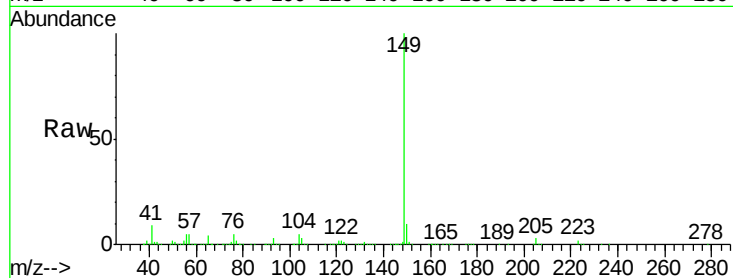
Tot Ion:149 Resp: 1232611

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

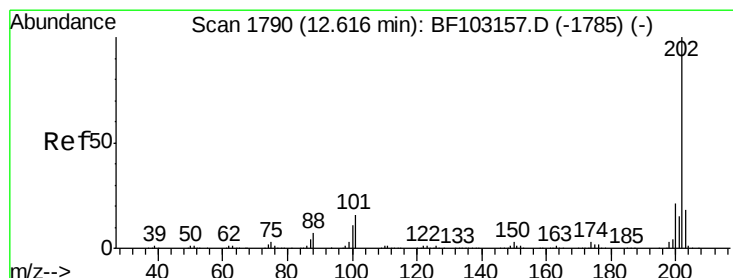
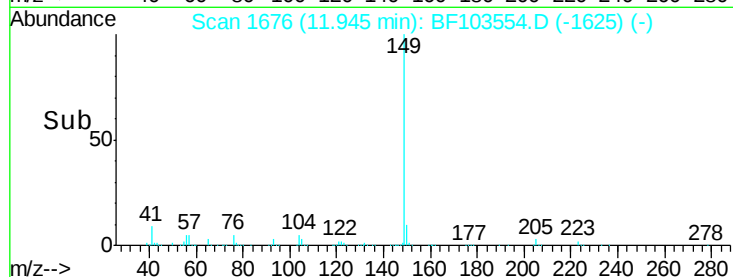
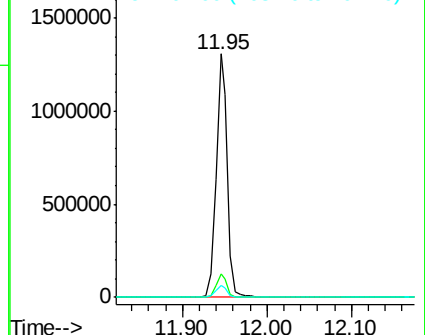
104 5.1 3.8 5.8



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: 37.195 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

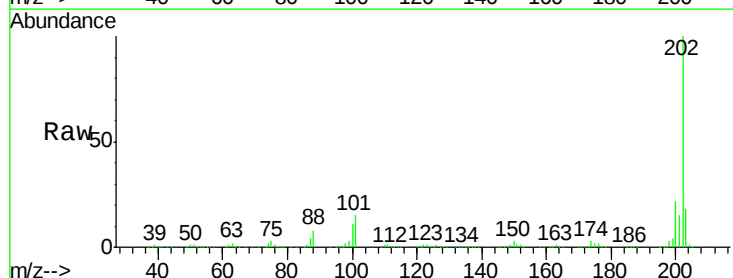
Tgt Ion:202 Resp: 896668

Ion Ratio Lower Upper

202 100

101 15.4 0.0 34.1

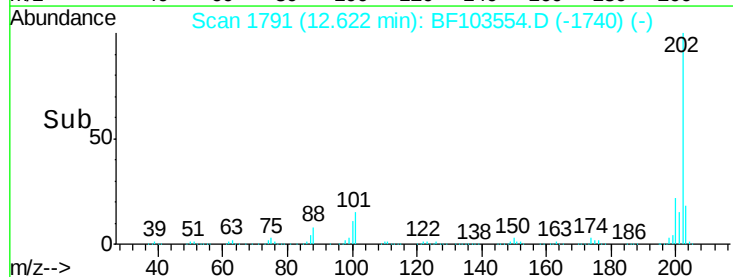
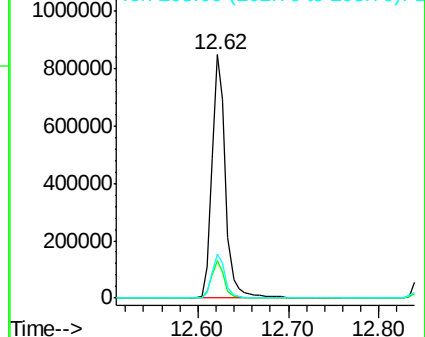
203 17.9 0.0 38.1

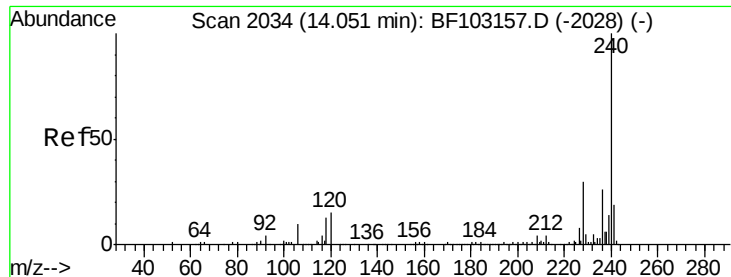


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

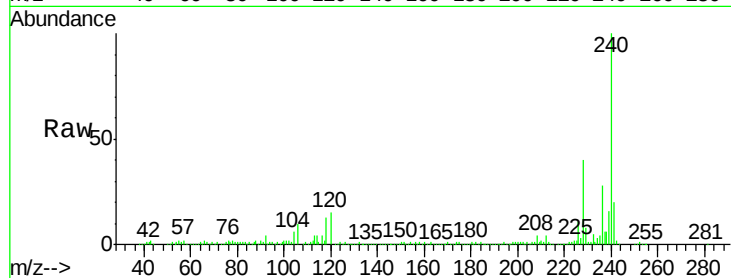
Tot Ion:240 Resp: 235746

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

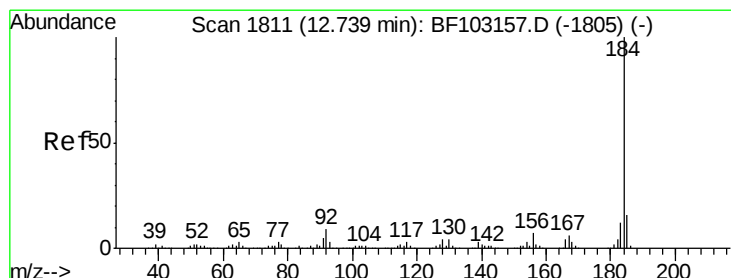
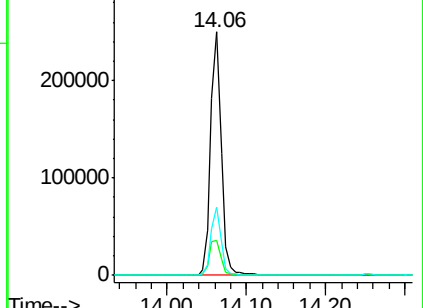
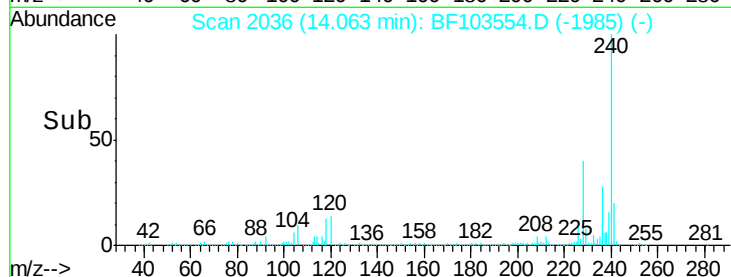
236 28.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.577 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

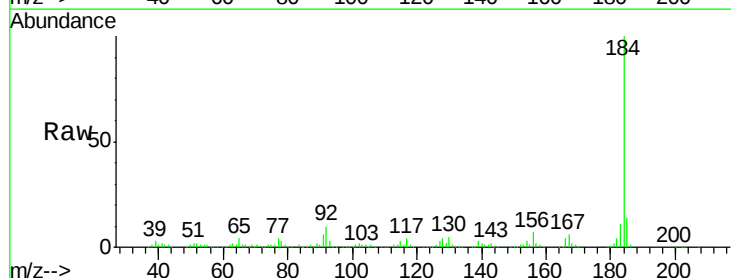
Tgt Ion:184 Resp: 436946

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

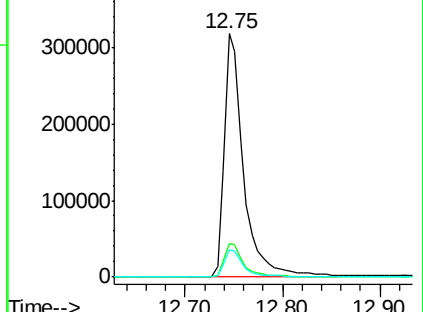
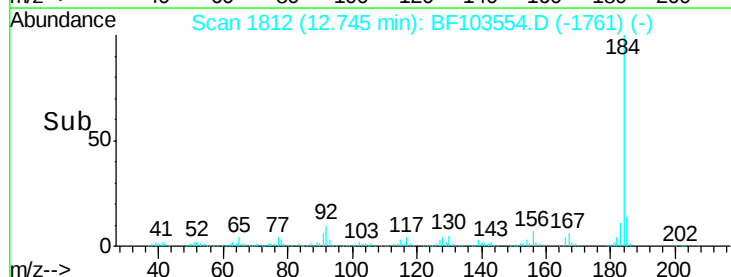
183 11.3 9.3 13.9

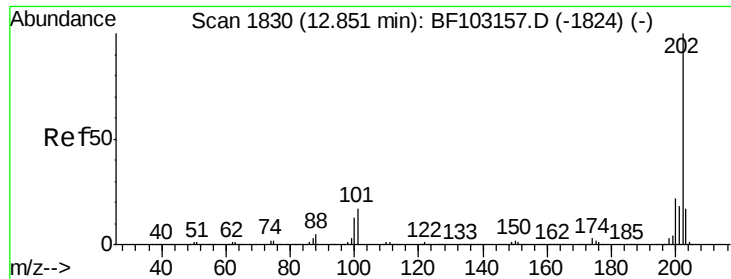


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

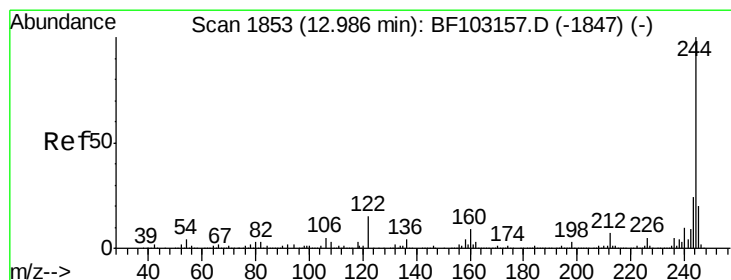
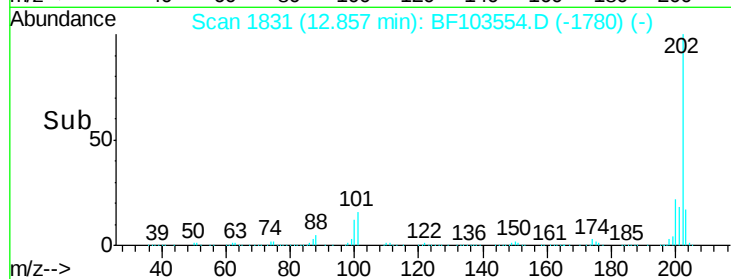
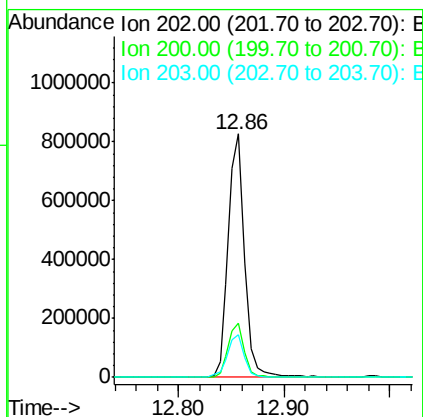
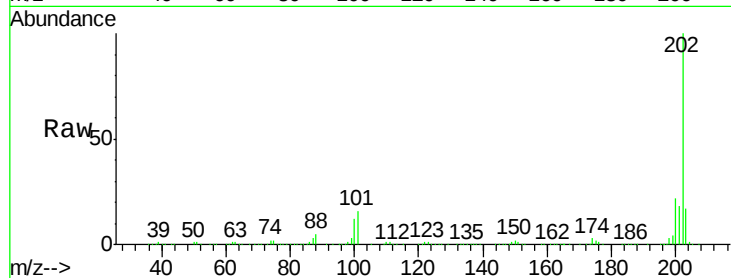




#77
Pvrene
Concen: 48.075 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

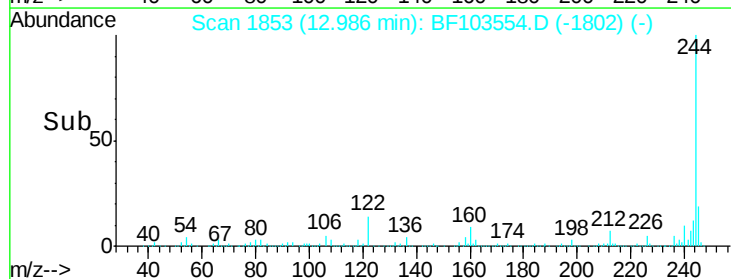
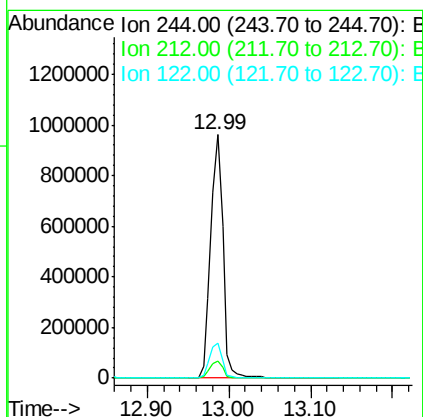
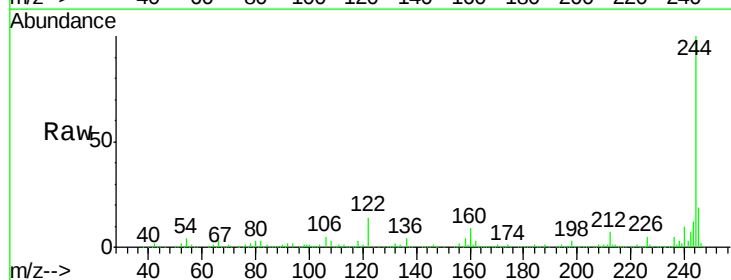
Instrument :
BNA_F
ClientSampleId :

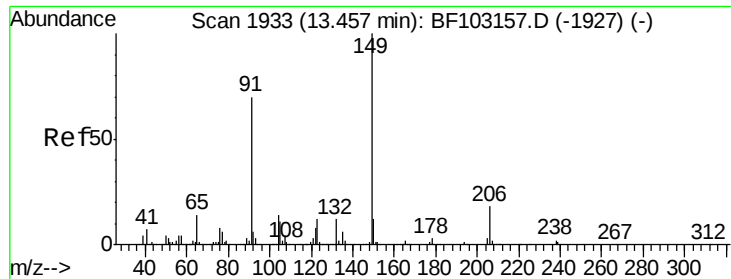
Tot Ion:202 Resp: 883636
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.3 14.3 21.5



#78
Terphenyl-d14
Concen: 103.303 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion:244 Resp: 1013085
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 14.4 11.0 16.4

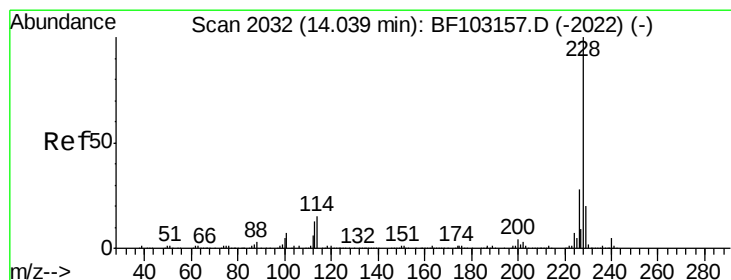
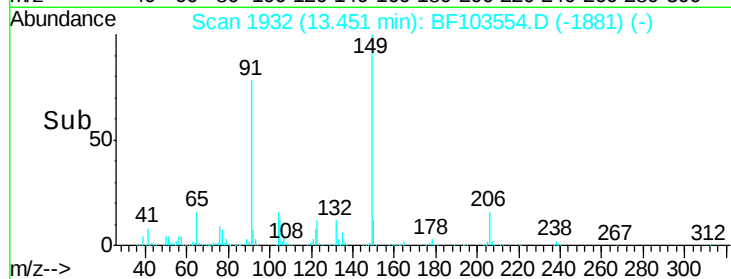
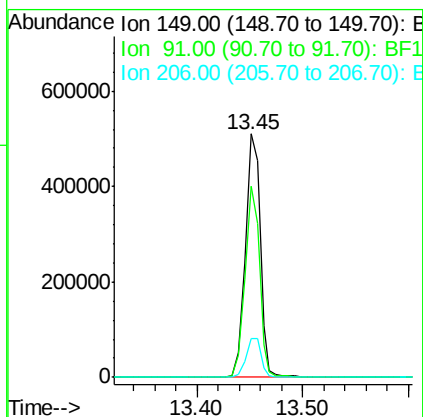
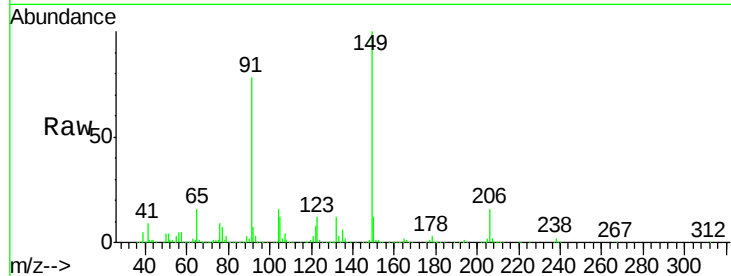




#79
Butylbenzylphthalate
Concen: 51.295 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

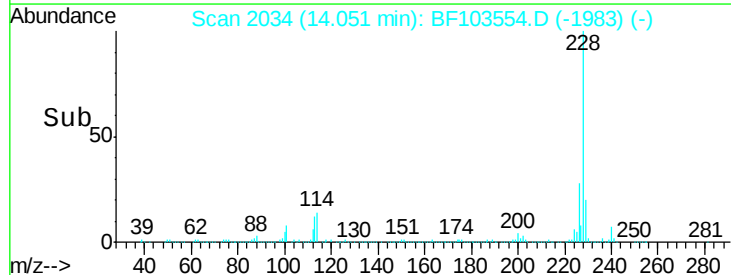
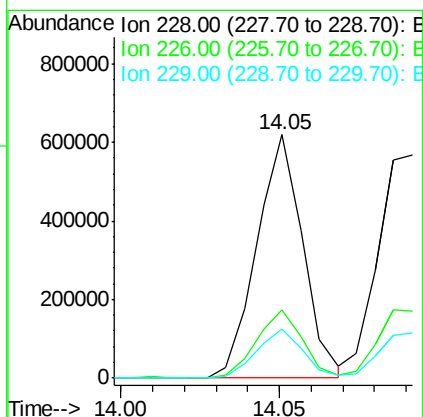
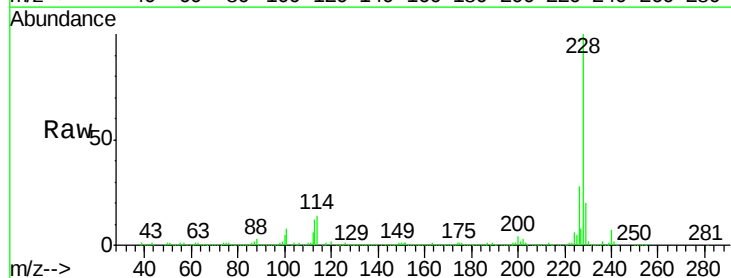
Instrument :
BNA_F
ClientSampleId :

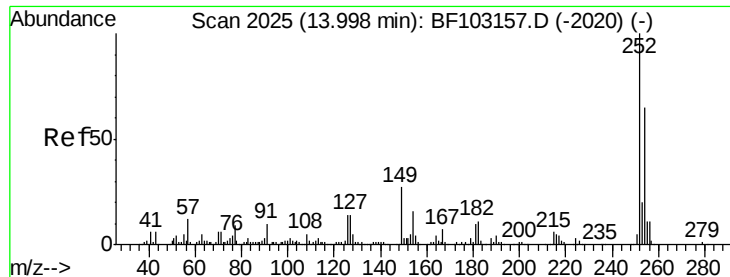
Tot Ion	Ratio	Lower	Upper
149	100		
91	78.3	56.8	85.2
206	16.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.721 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.3	15.8	23.6

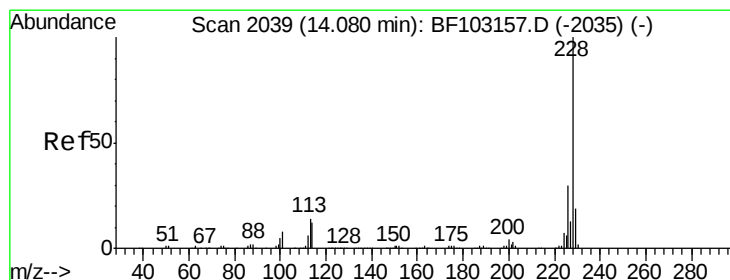
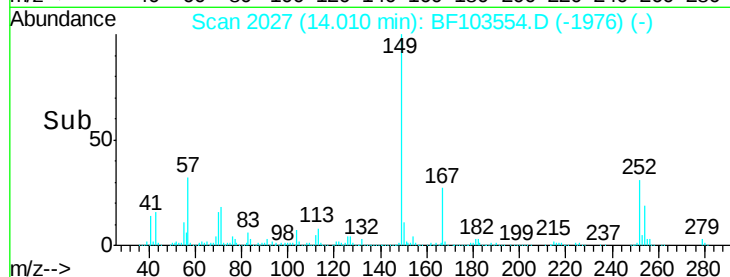
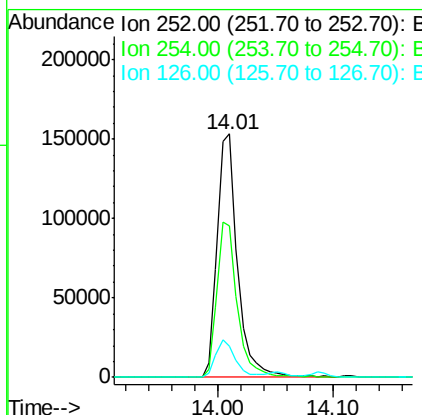
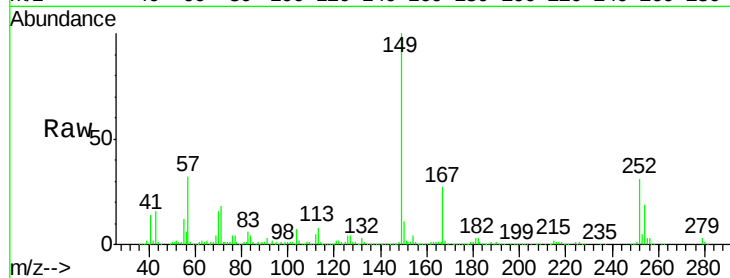




#81
 3,3'-Dichlorobenzidine
 Concen: 34.480 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

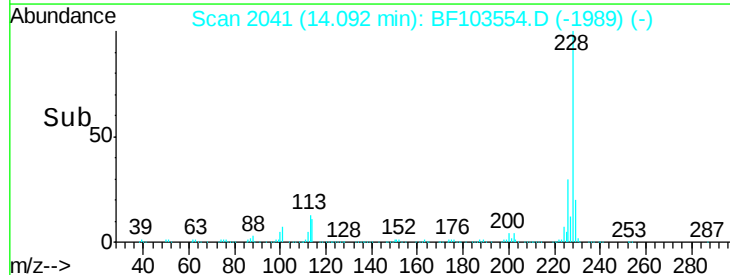
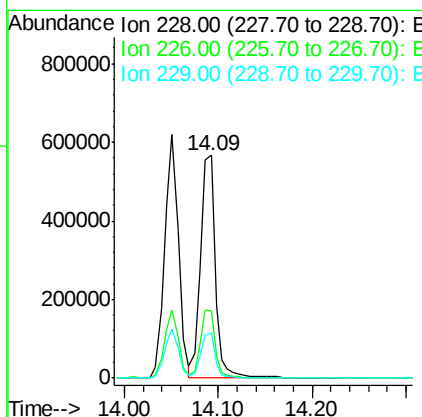
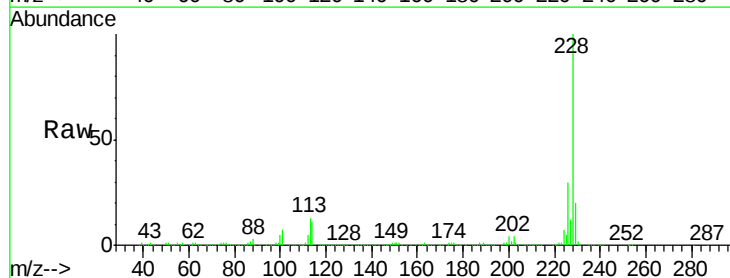
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 188223
 Ion Ratio Lower Upper
 252 100
 254 62.1 50.4 75.6
 126 13.0 11.3 16.9



#82
 Chrysene
 Concen: 41.958 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion:228 Resp: 623157
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.0 37.6
 229 20.0 16.2 24.4

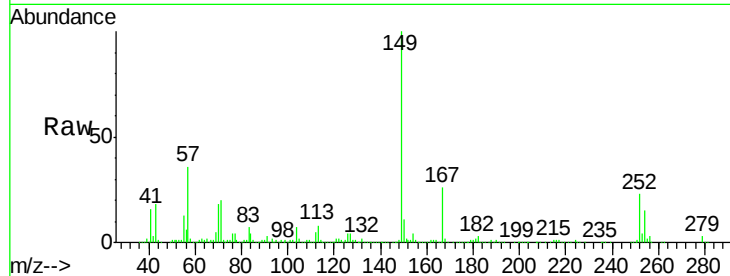




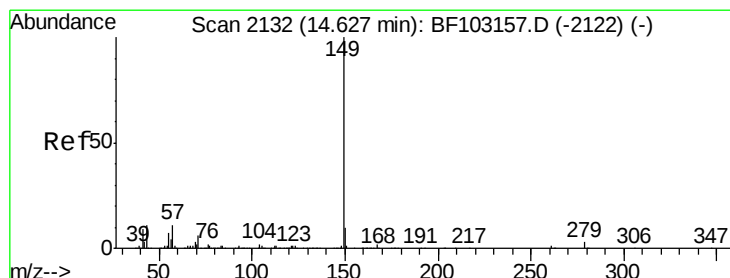
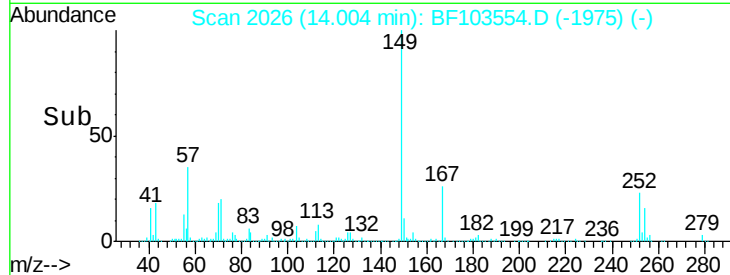
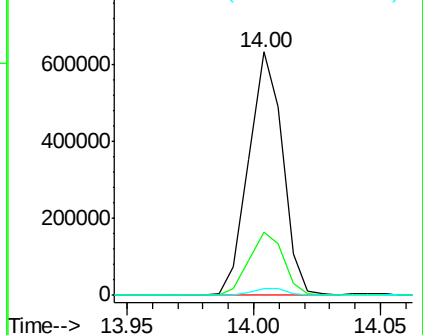
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.176 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 592014
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 2.6 3.0 4.4#

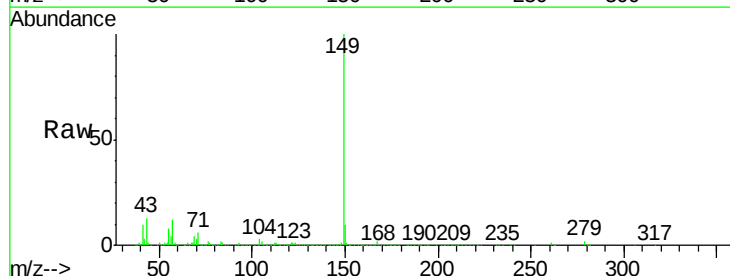


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

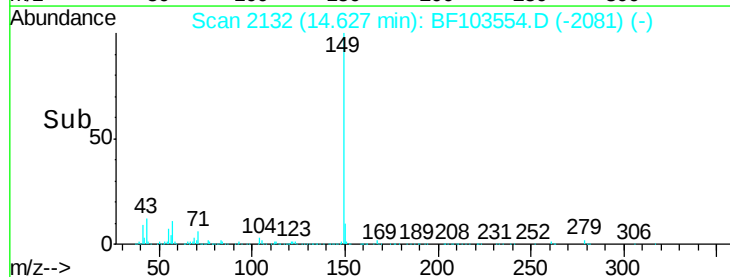
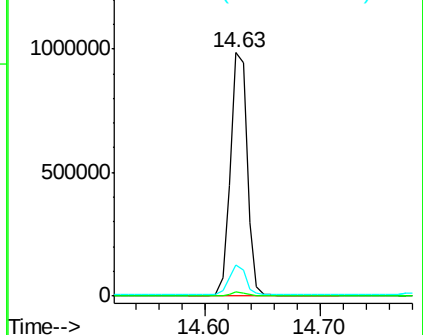


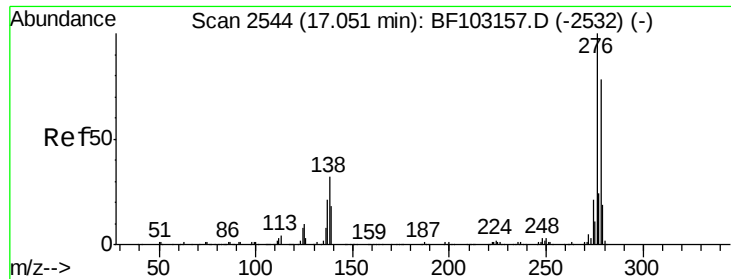
#84
 Di-n-octyl phthalate
 Concen: 47.021 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BF103554.D
 Acq: 9 Mar 2018 13:58

Tgt Ion:149 Resp: 995588
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.7 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: 50.602 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.01 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

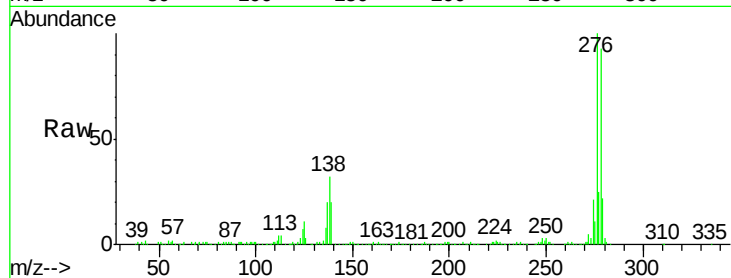
Tot Ion:276 Resp: 594977

Ion Ratio Lower Upper

276 100

138 34.0 25.0 37.6

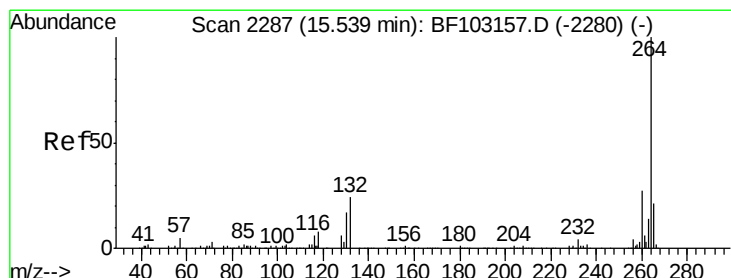
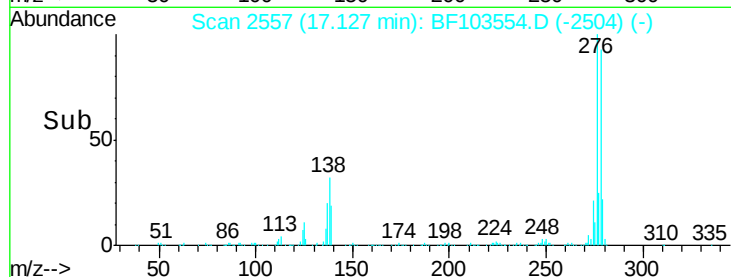
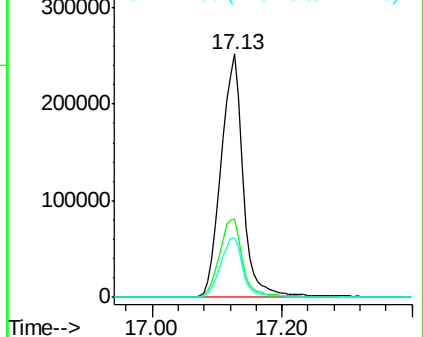
277 25.1 20.1 30.1



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: 15.57 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

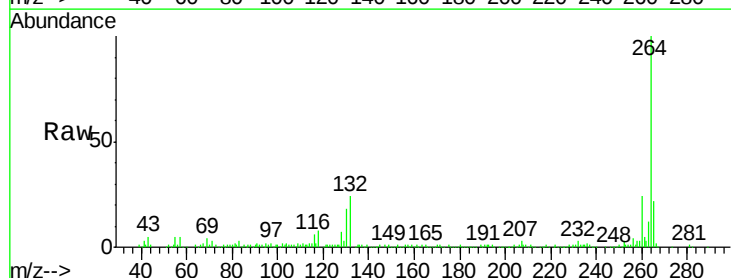
Tgt Ion:264 Resp: 228932

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

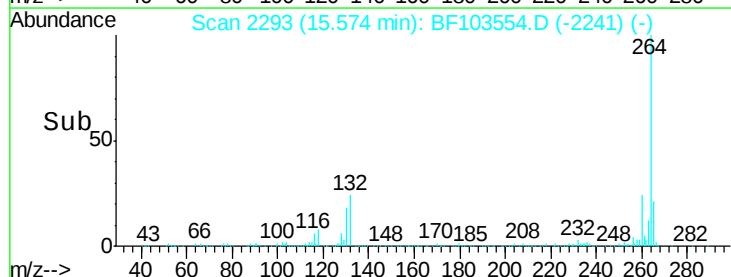
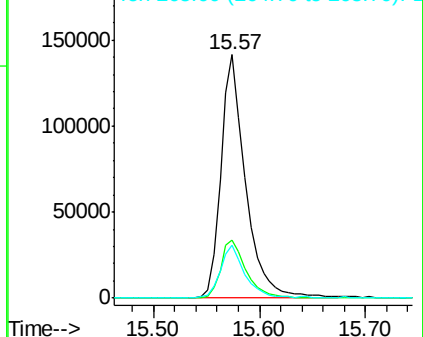
265 21.5 17.5 26.3

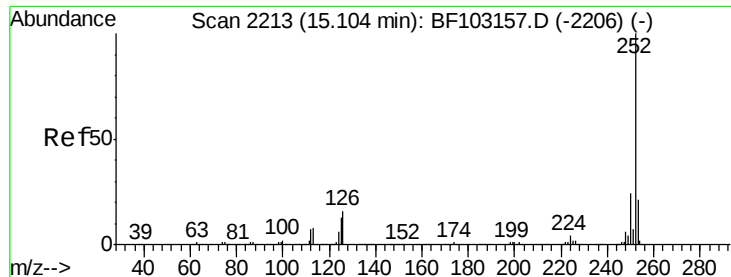


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

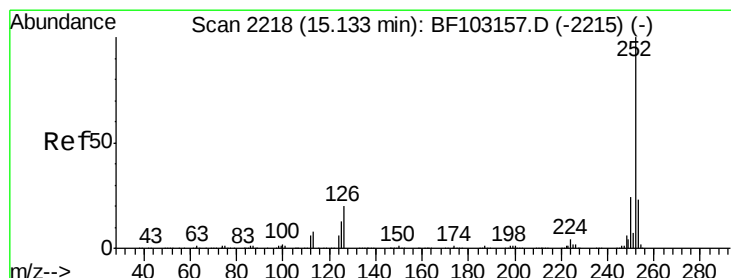
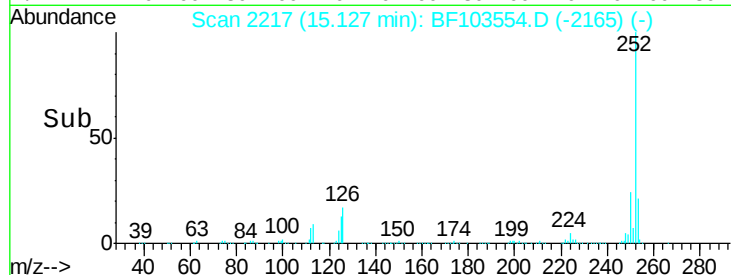
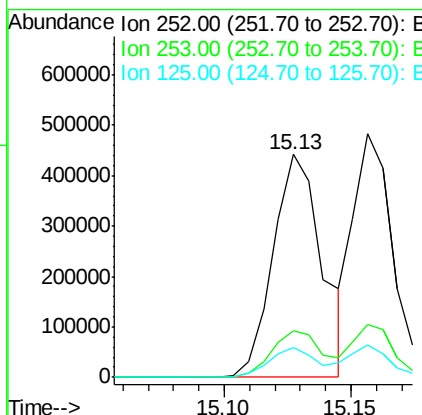
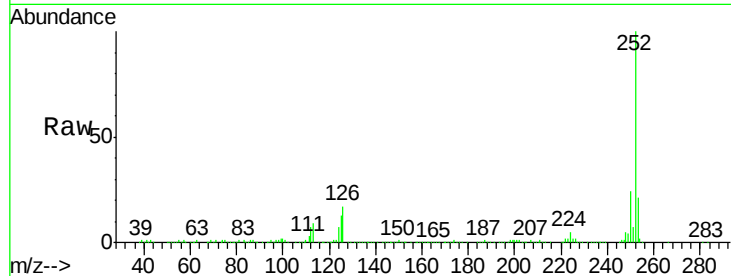




#87
Benzo(b)fluoranthene
Concen: 39.575 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

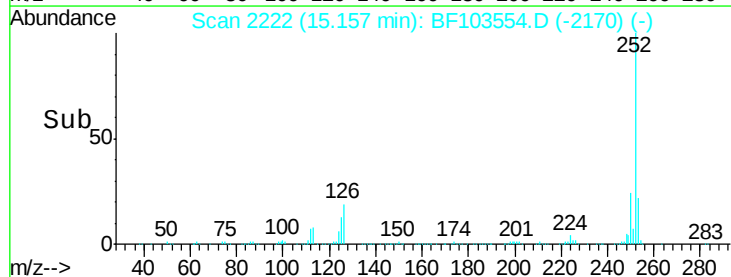
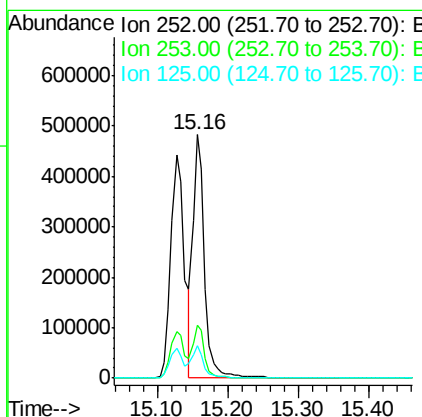
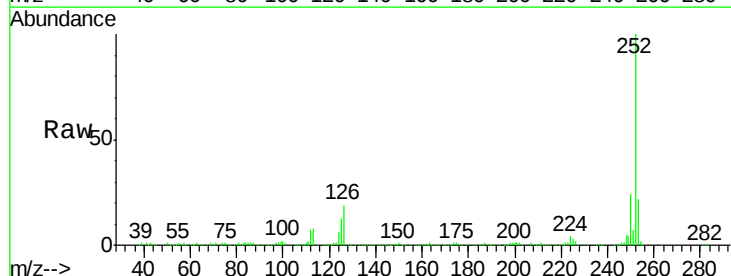
Instrument :
BNA_F
ClientSampleId :

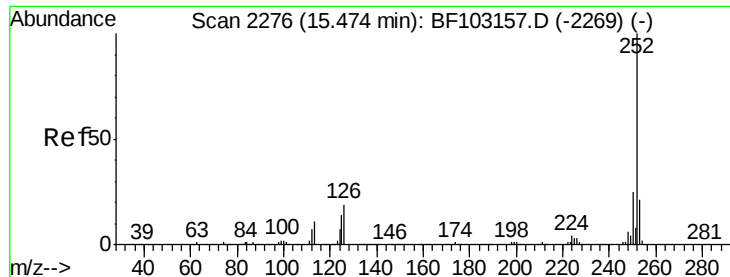
Tot Ion:252 Resp: 595680
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.6
125 13.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.090 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF103554.D
Acq: 9 Mar 2018 13:58

Tgt Ion:252 Resp: 554062
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 13.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.372 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

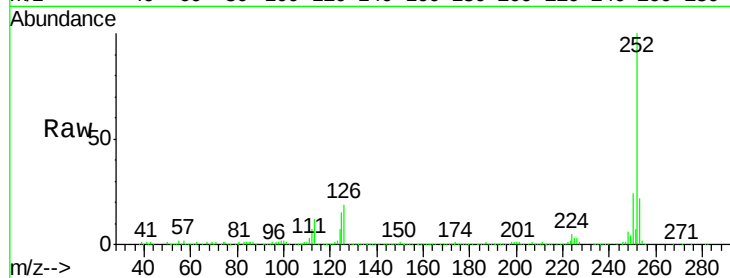
Tot Ion:252 Resp: 569539

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

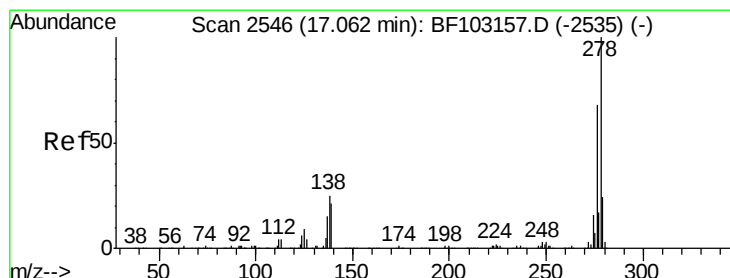
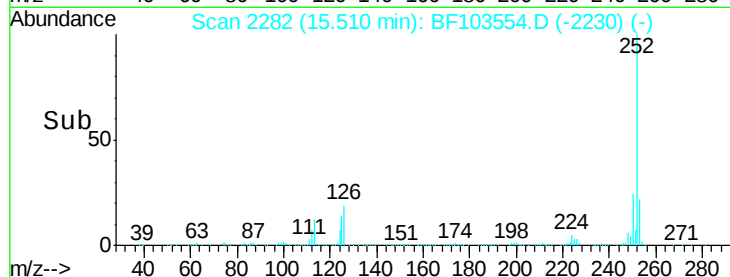
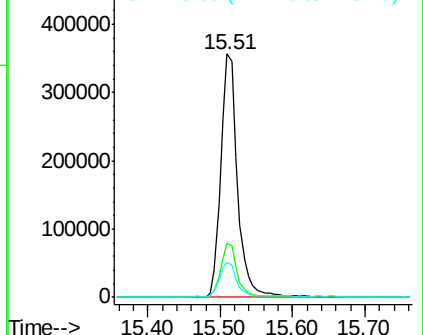
125 14.6 9.8 14.6



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: 48.545 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.01 min

Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

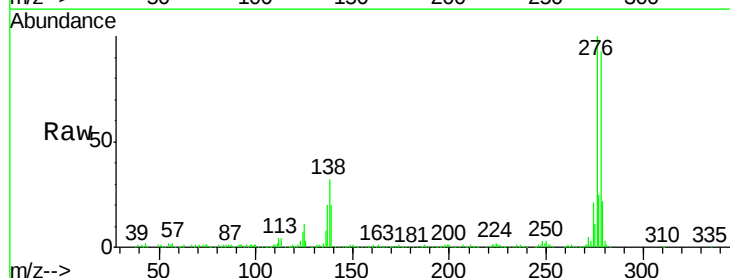
Tgt Ion:278 Resp: 504210

Ion Ratio Lower Upper

278 100

139 21.1 15.9 23.9

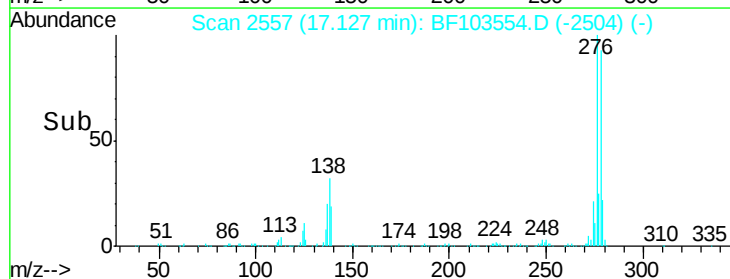
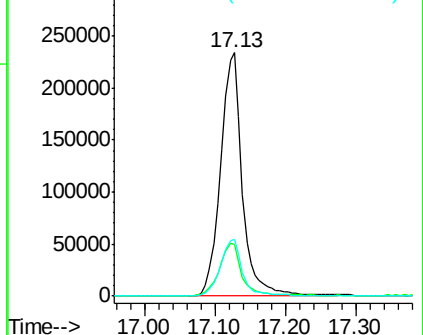
279 23.3 19.0 28.4

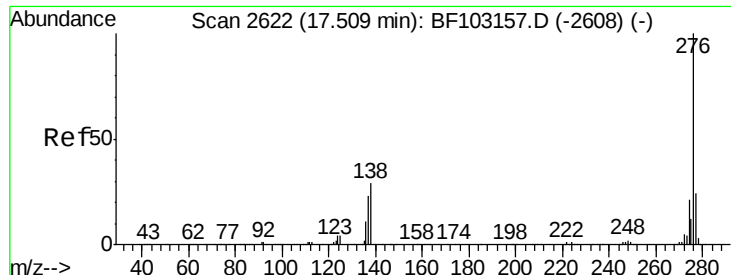


Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.611 ng

RT: 17.59 min Scan# 2636

Delta R.T. 0.01 min

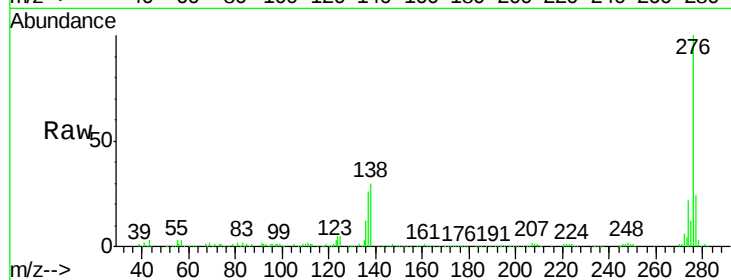
Lab File: BF103554.D

Acq: 9 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :



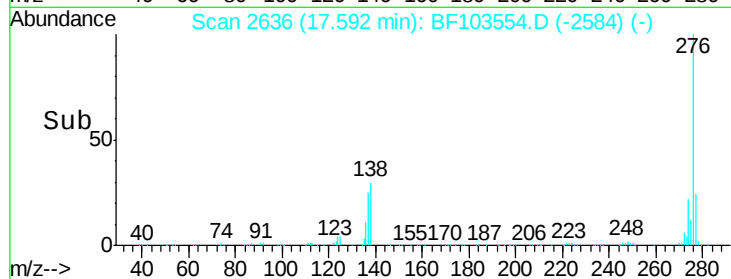
Tot Ion: 276 Resp: 503606

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 30.0 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

