

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103151.D
 Acq On : 21 Feb 2018 21:52
 Operator : SJ/JU
 Sample : PB106713BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 22 00:39:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	154251	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	642753	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	273324	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	408881	20.00	ng	0.00
75) Chrysene-d12	14.05	240	264098	20.00	ng	0.00
86) Perylene-d12	15.54	264	224766	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1150387	113.26	ng	0.02
7) Phenol-d6	6.52	99	1387625	113.46	ng	0.00
23) Nitrobenzene-d5	7.45	82	906273	97.81	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	250620	113.92	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1350630	82.00	ng	0.00
78) Terphenyl-d14	12.99	244	1015603	91.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	188088	37.492	ng	91
3) Pyridine	3.50	79	530002	38.238	ng	96
4) n-Nitrosodimethylamine	3.45	42	259095	43.690	ng	99
6) Aniline	6.55	93	433651	24.011	ng	97
8) 2-Chlorophenol	6.67	128	429509	41.075	ng	98
9) Benzaldehyde	6.43	77	283069	31.168	ng	98
10) Phenol	6.53	94	545150	41.594	ng	93
11) bis(2-Chloroethyl)ether	6.62	93	431970	39.609	ng	92
12) 1,3-Dichlorobenzene	6.82	146	452833	37.396	ng	98
13) 1,4-Dichlorobenzene	6.89	146	457427	37.922	ng	99
14) 1,2-Dichlorobenzene	7.05	146	422271	37.585	ng	97
15) Benzyl Alcohol	7.02	79	371186	39.477	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	738027	35.624	ng	99
17) 2-Methylphenol	7.13	107	375940	38.976	ng	98
18) Hexachloroethane	7.39	117	147555	35.673	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	286185	35.492	ng	98
20) 3+4-Methylphenols	7.29	107	424184	35.662	ng	# 62
22) Acetophenone	7.29	105	555731	35.332	ng	# 89
24) Nitrobenzene	7.46	77	468180	42.954	ng	99
25) Isophorone	7.70	82	866570	40.617	ng	98
26) 2-Nitrophenol	7.77	139	227653	50.330	ng	93
27) 2,4-Dimethylphenol	7.81	122	395270	43.852	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	538917	42.640	ng	99
29) 2,4-Dichlorophenol	8.02	162	356102	43.459	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	346034	37.329	ng	97
31) Naphthalene	8.18	128	1186506	37.783	ng	100
32) Benzoic acid	7.93	122	185946	33.926	ng	97
33) 4-Chloroaniline	8.23	127	156944	11.601	ng	99
34) Hexachlorobutadiene	8.29	225	174826	36.805	ng	98
35) Caprolactam	8.61	113	124219	43.652	ng	# 80
36) 4-Chloro-3-methylphenol	8.72	107	394456	42.845	ng	99
37) 2-Methylnaphthalene	8.87	142	785550	38.207	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	296953	39.902	ng	99
40) Hexachlorocyclopentadiene	9.02	237	45089	12.745	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

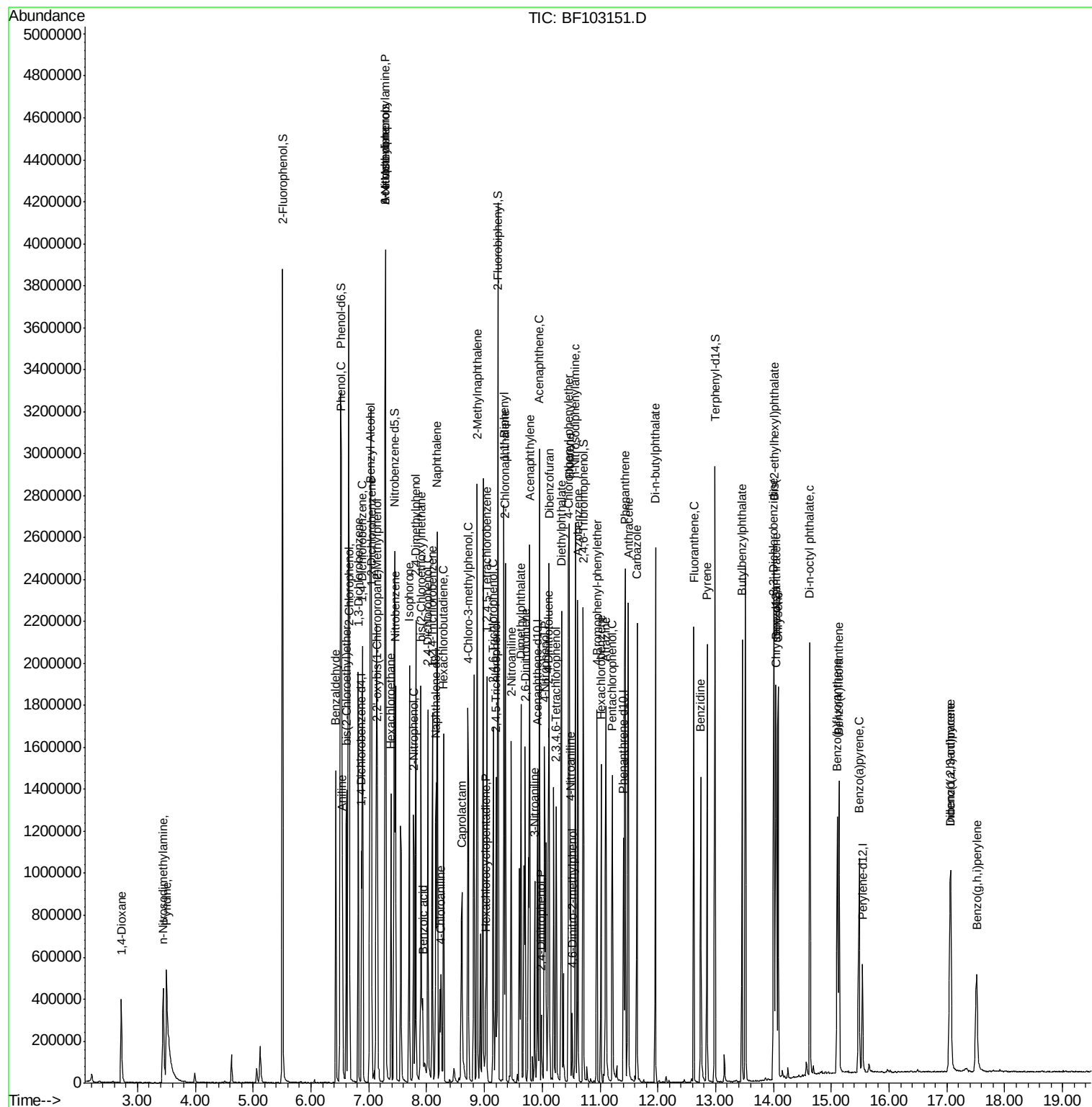
42) 2,4,6-Trichlorophenol	9.15	196	215583	44.103	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	230803	41.892	nq	98
45) 1,1'-Biphenyl	9.33	154	885936	38.483	nq	98
46) 2-Chloronaphthalene	9.36	162	714318	39.413	nq	99
47) 2-Nitroaniline	9.46	65	278175	49.614	nq	92
48) Acenaphthylene	9.78	152	1058098	37.588	nq	99
49) Dimethylphthalate	9.63	163	865899	40.630	nq	99
50) 2,6-Dinitrotoluene	9.70	165	182175	44.931	nq	98
51) Acenaphthene	9.95	154	599775	35.628	nq	99
52) 3-Nitroaniline	9.87	138	145124	29.089	nq	94
53) 2,4-Dinitrophenol	9.99	184	41896	45.371	nq	# 21
54) Dibenzofuran	10.12	168	903364	38.078	nq	96
55) 4-Nitrophenol	10.04	139	282962	69.570	nq	90
56) 2,4-Dinitrotoluene	10.11	165	228260	42.362	nq	98
57) Fluorene	10.47	166	685816	39.732	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	154170	40.374	nq	97
59) Diethylphthalate	10.33	149	815142	38.737	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	312219	40.889	nq	95
61) 4-Nitroaniline	10.49	138	192231	40.480	nq	93
62) Azobenzene	10.62	77	812587	38.654	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	35711	27.097	nq	91
65) n-Nitrosodiphenylamine	10.57	169	628395	43.571	nq	98
66) 4-Bromophenyl-phenylether	10.95	248	181866	42.048	nq	96
67) Hexachlorobenzene	11.02	284	186582	39.103	nq	95
68) Atrazine	11.10	200	187845	44.149	nq	98
69) Pentachlorophenol	11.21	266	159910	57.091	nq	98
70) Phenanthrene	11.43	178	875335	38.439	nq	99
71) Anthracene	11.49	178	906665	39.146	nq	99
72) Carbazole	11.64	167	863302	38.046	nq	100
73) Di-n-butylphthalate	11.96	149	1185327	43.004	nq	99
74) Fluoranthene	12.62	202	811095	35.402	nq	99
76) Benzidine	12.75	184	642072	52.898	nq	98
77) Pyrene	12.85	202	809455	39.086	nq	99
79) Butylbenzylphthalate	13.46	149	452361	45.715	nq	98
80) Benzo(a)anthracene	14.04	228	691257	41.619	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	265421	43.099	nq	99
82) Chrysene	14.08	228	661793	39.527	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	610941	48.157	nq	100
84) Di-n-octyl phthalate	14.63	149	1037684	54.475	nq	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	515070	37.092	nq	98
87) Benzo(b)fluoranthene	15.10	252	578447	39.695	nq	98
88) Benzo(k)fluoranthene	15.13	252	582727	41.851	nq	99
89) Benzo(a)pyrene	15.48	252	538308	41.039	nq	97
90) Dibenzo(a,h)anthracene	17.07	278	439143	41.247	nq	100
91) Benzo(g,h,i)perylene	17.52	276	431050	41.364	nq	96

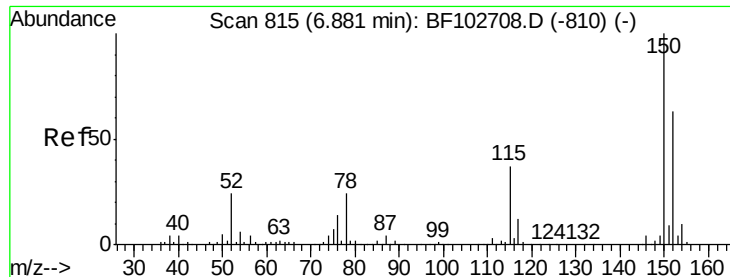
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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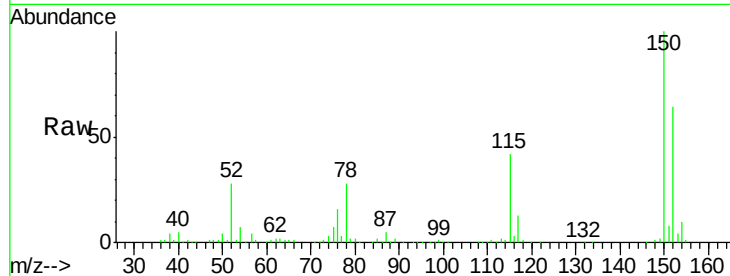


#1

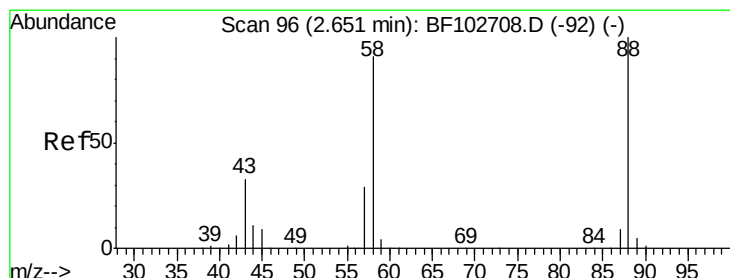
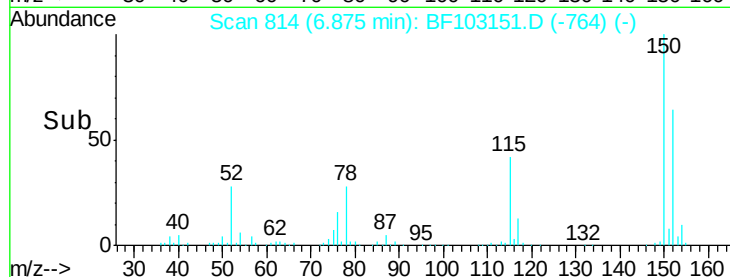
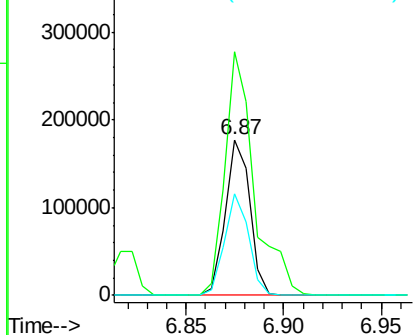
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 154251
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 65.1 50.1 75.1



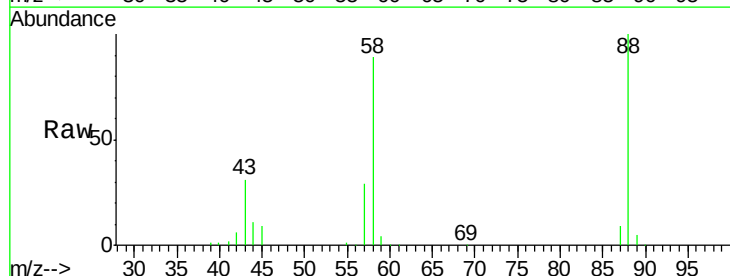
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



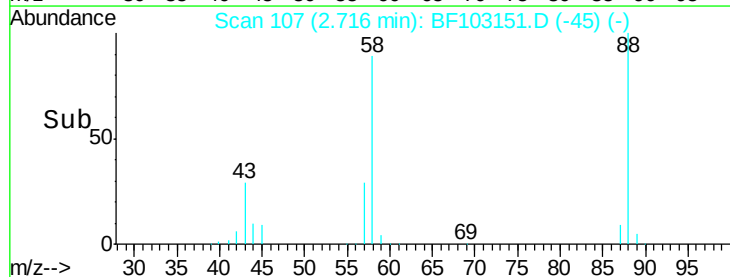
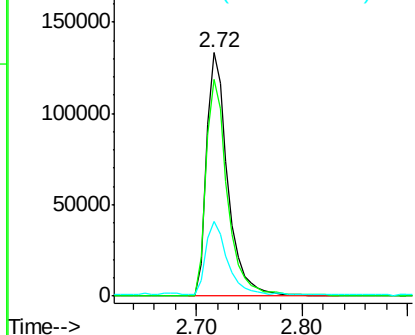
#2

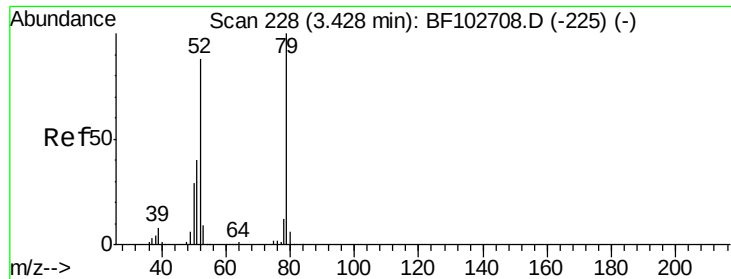
1,4-Dioxane
Concen: 37.492 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.06 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion: 88 Resp: 188088
Ion Ratio Lower Upper
88 100
58 89.1 62.6 93.8
43 30.6 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: 38.238 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.07 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

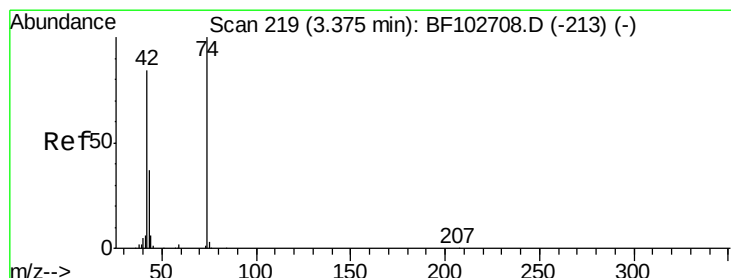
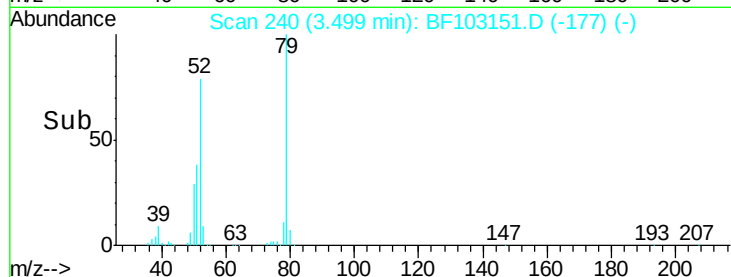
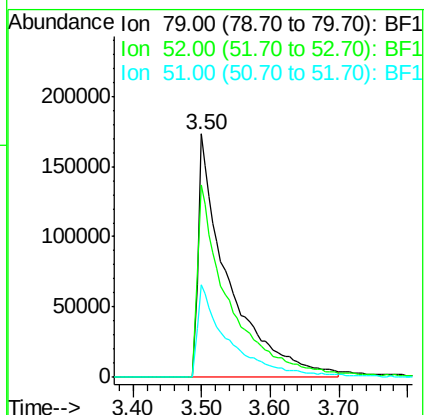
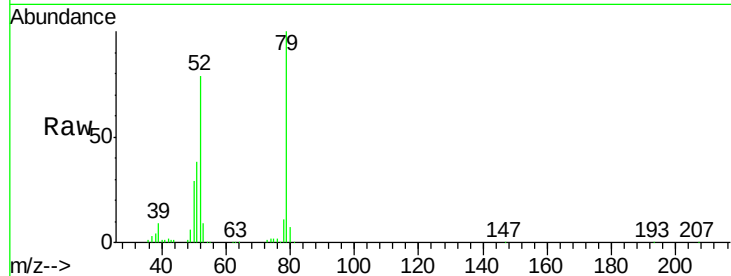
Tot Ion: 79 Resp: 530002

Ion Ratio Lower Upper

79 100

52 78.9 59.8 89.6

51 38.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 43.690 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

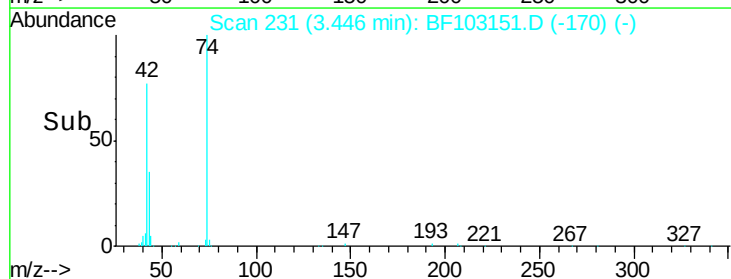
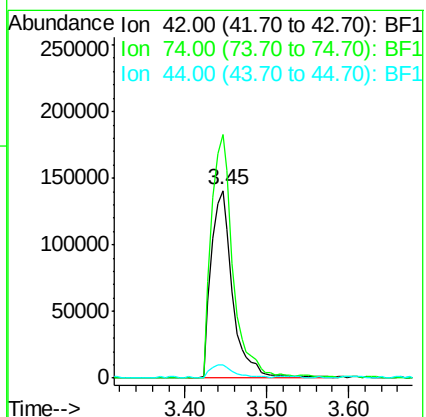
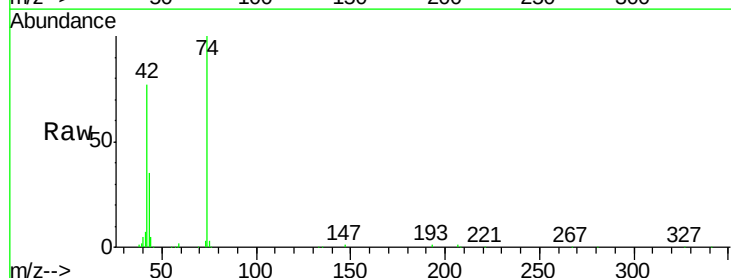
Tgt Ion: 42 Resp: 259095

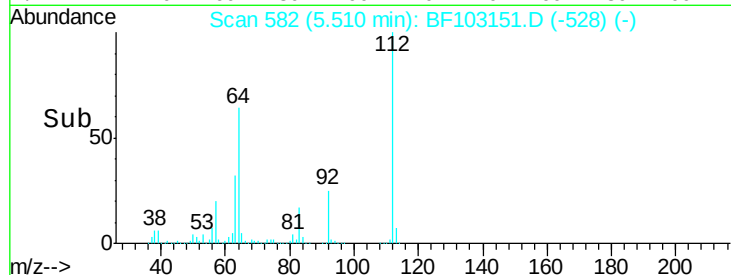
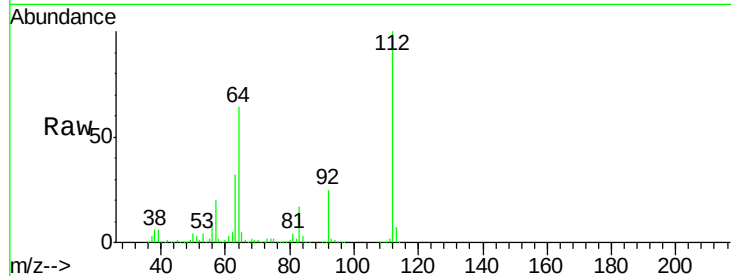
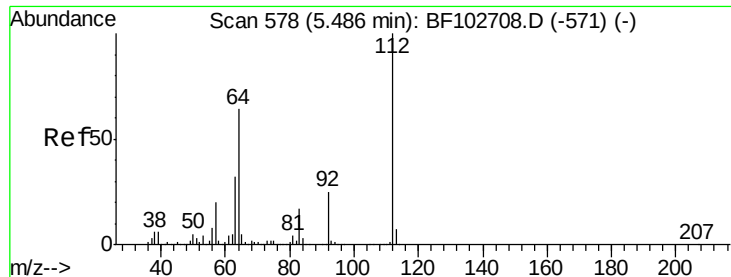
Ion Ratio Lower Upper

42 100

74 129.7 104.9 157.3

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 113.261 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampled :

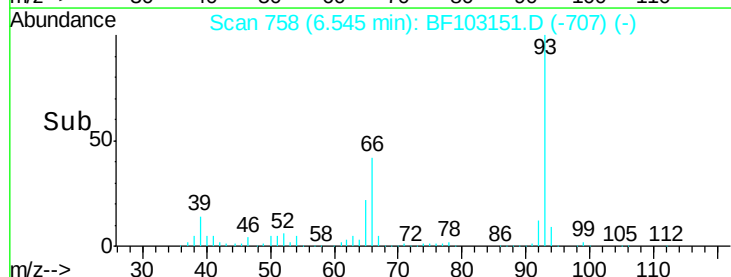
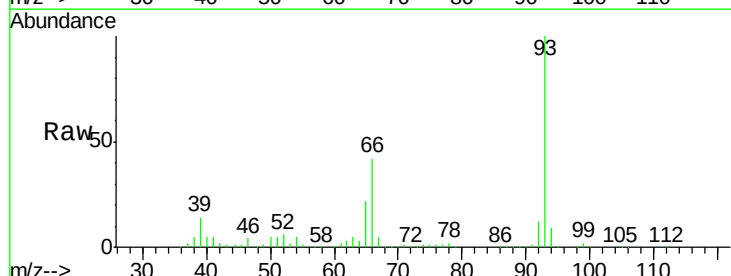
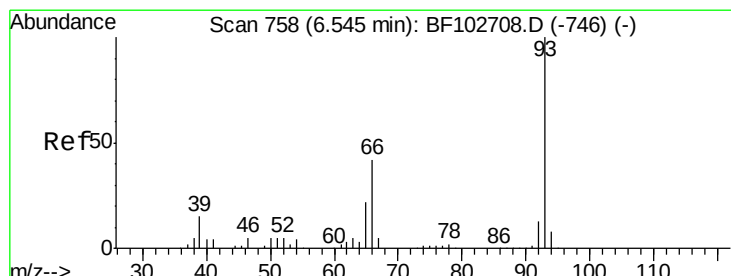
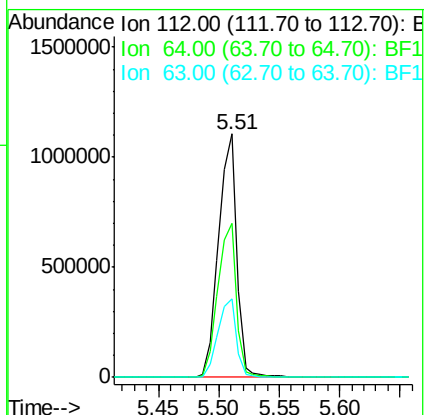
Tot Ion:112 Resp: 1150387

Ion Ratio Lower Upper

112 100

64 63.5 47.9 71.9

63 32.0 23.7 35.5



#6

Aniline

Concen: 24.011 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

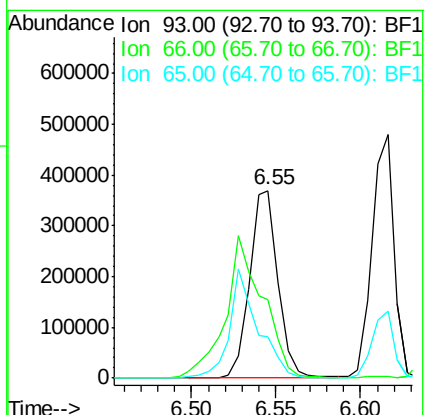
Tgt Ion: 93 Resp: 433651

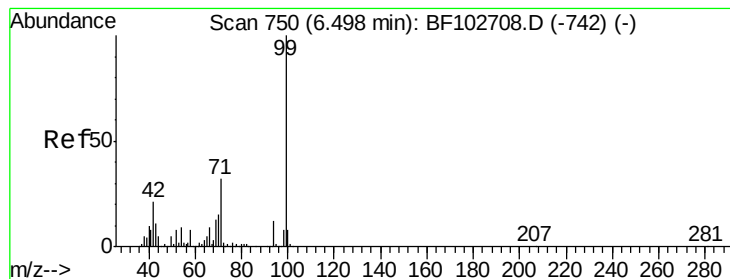
Ion Ratio Lower Upper

93 100

66 41.8 32.2 48.2

65 22.0 16.4 24.6





#7

Phenol-d6

Concen: 113.463 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampled :

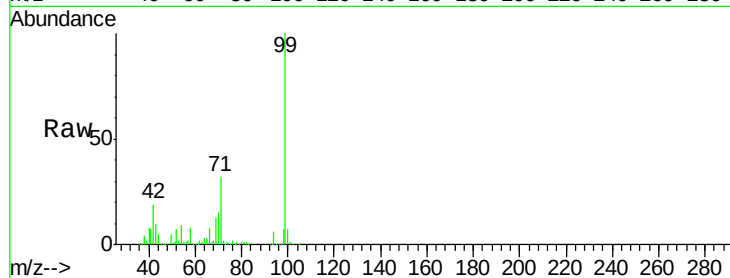
Tot Ion: 99 Resp: 1387625

Ion Ratio Lower Upper

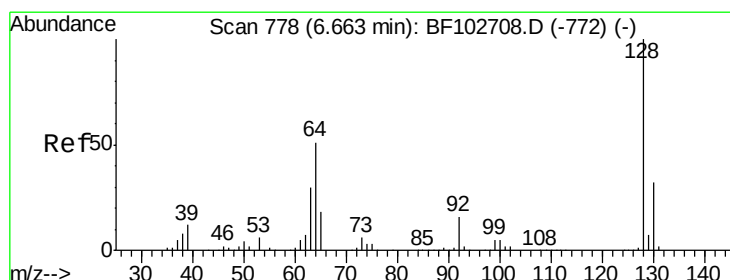
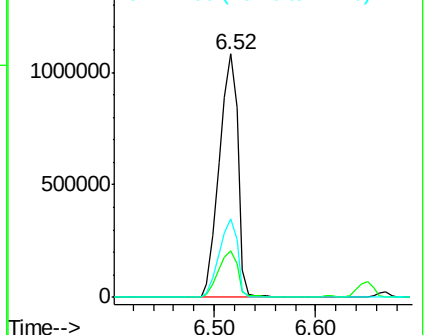
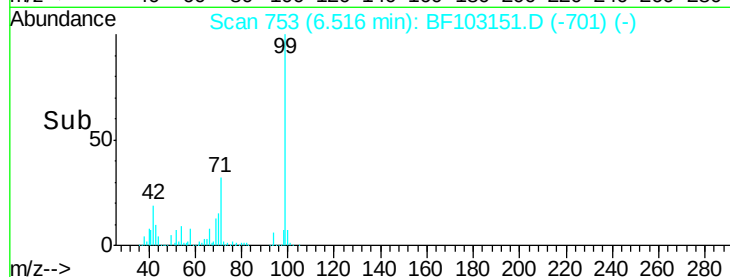
99 100

42 19.3 14.5 21.7

71 32.2 25.4 38.0



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



#8

2-Chlorophenol

Concen: 41.075 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103151.D

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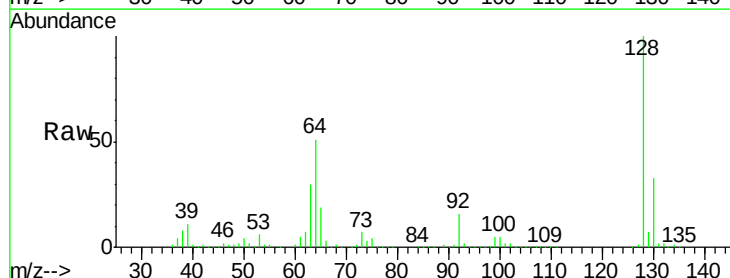
Tgt Ion: 128 Resp: 429509

Ion Ratio Lower Upper

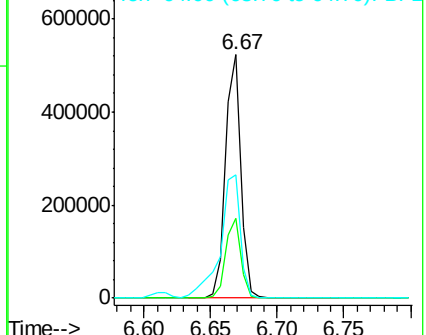
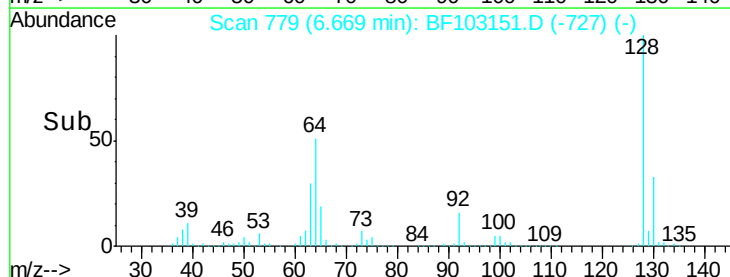
128 100

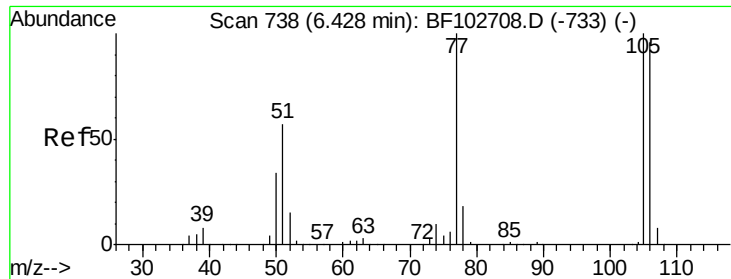
130 32.6 13.0 53.0

64 50.9 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.168 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103151.D

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Instrument :

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ClientSampled :

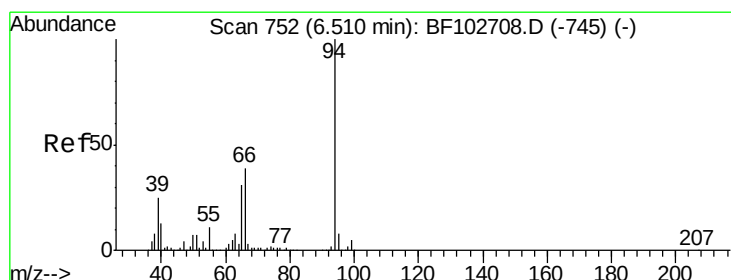
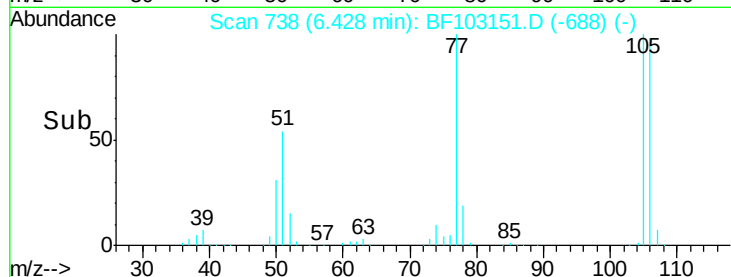
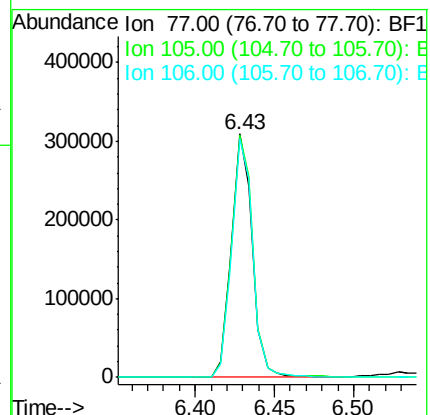
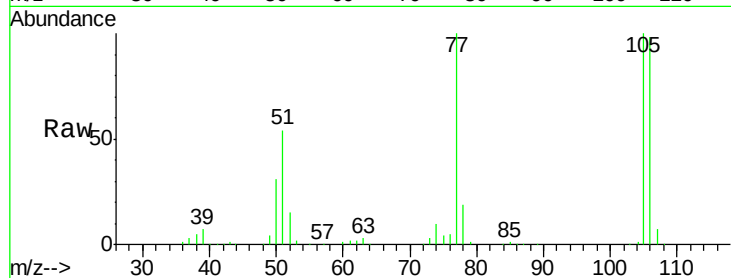
Tot Ion: 77 Resp: 283069

Ion Ratio Lower Upper

77 100

105 99.6 81.1 121.1

106 97.8 74.5 114.5



#10

Phenol

Concen: 41.594 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

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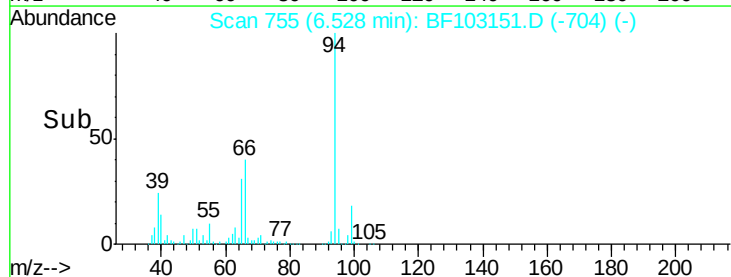
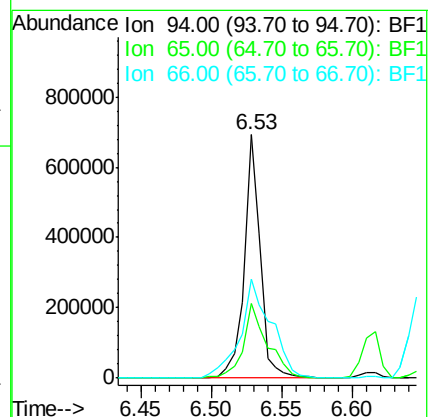
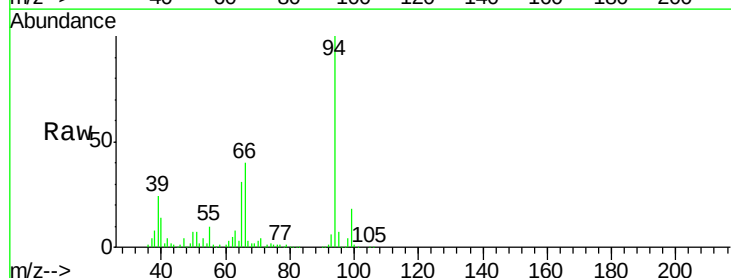
Tgt Ion: 94 Resp: 545150

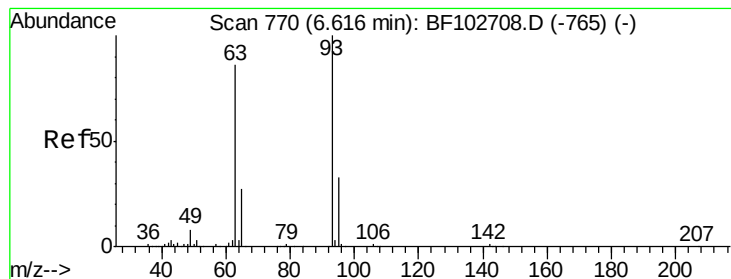
Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

66 40.4 16.2 56.2

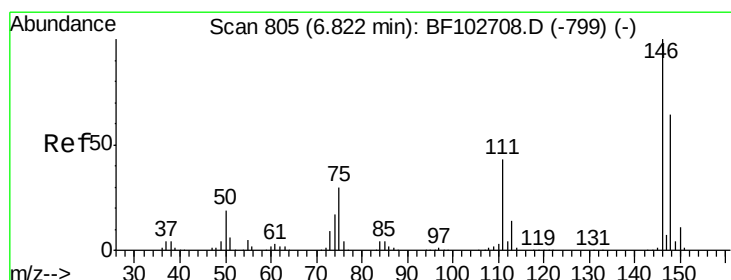
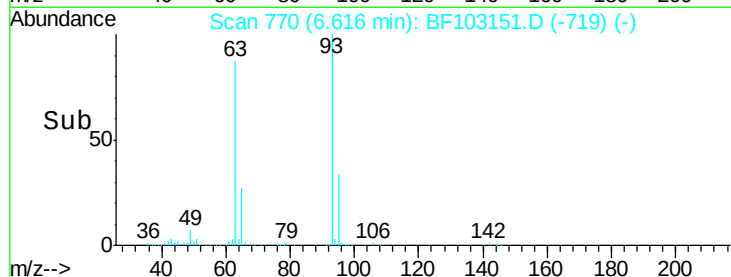
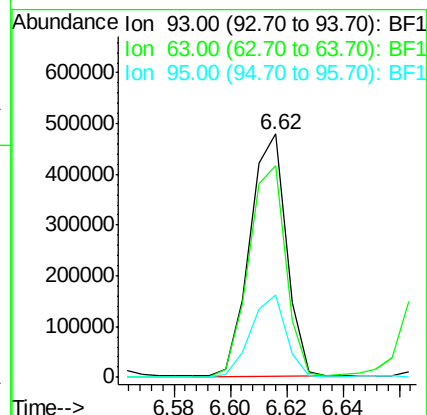
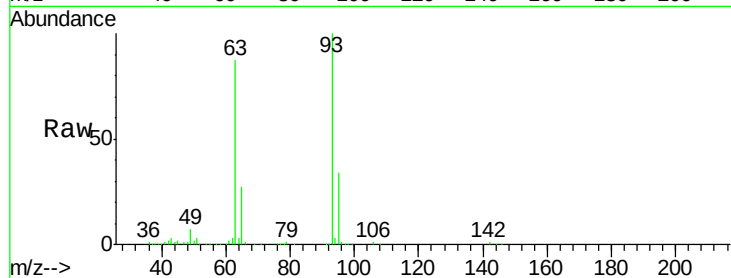




#11
bis(2-Chloroethyl)ether
Concen: 39.609 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

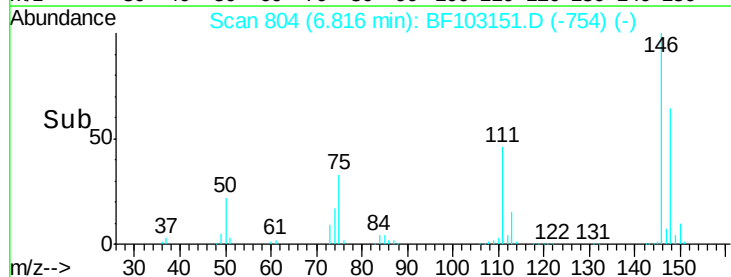
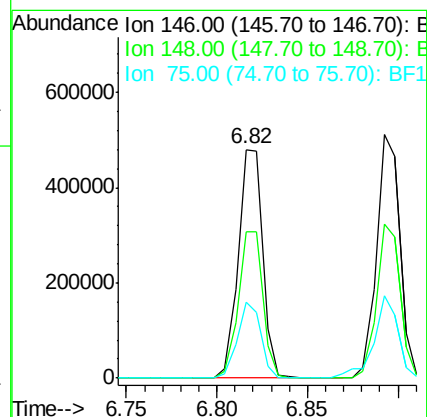
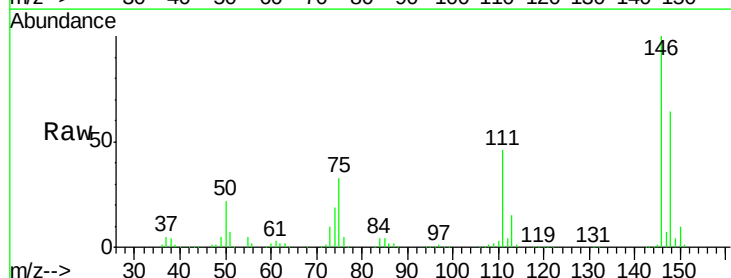
Instrument :
BNA_F
ClientSampleId :

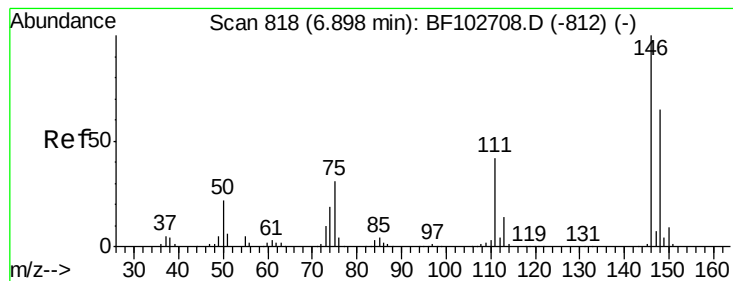
Tot Ion: 93 Resp: 431970
Ion Ratio Lower Upper
93 100
63 87.2 58.6 98.6
95 33.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.396 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion: 146 Resp: 452833
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 33.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.922 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

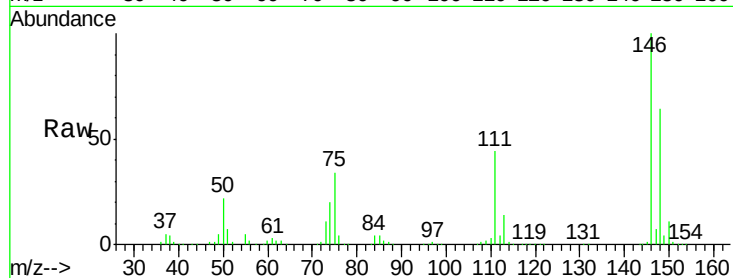
Tot Ion:146 Resp: 457427

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

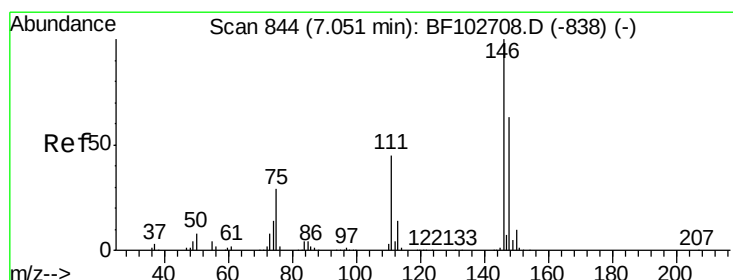
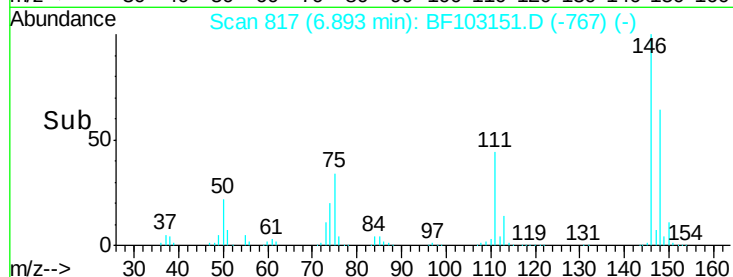
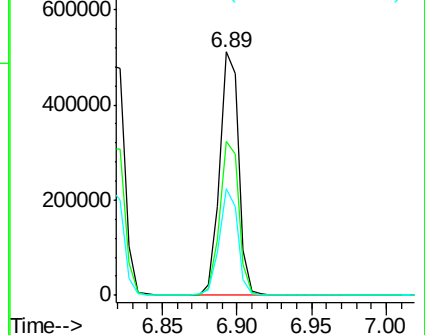
111 43.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.585 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

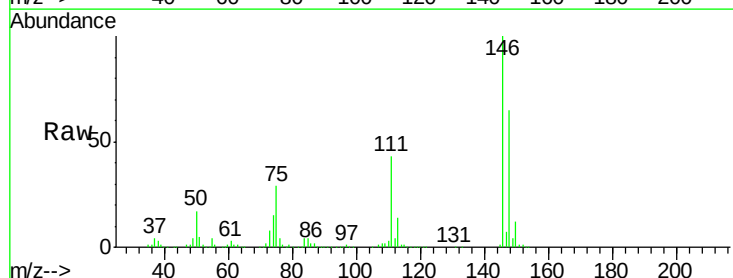
Tgt Ion:146 Resp: 422271

Ion Ratio Lower Upper

146 100

148 65.2 50.6 75.8

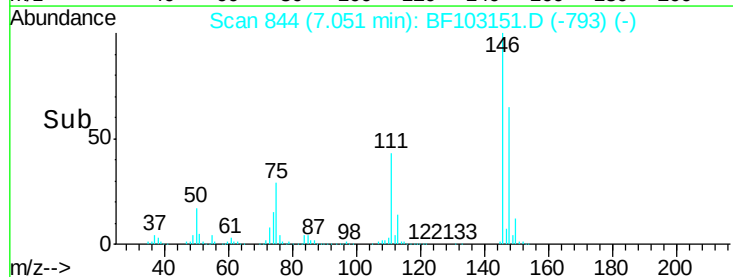
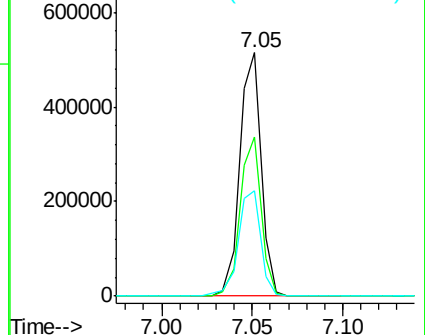
111 43.2 36.0 54.0

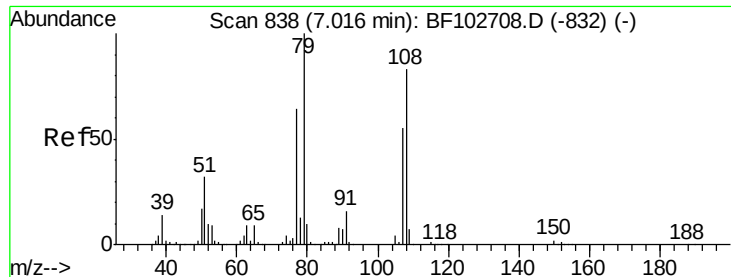


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.477 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

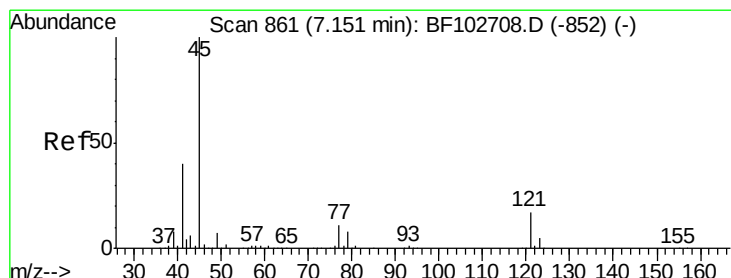
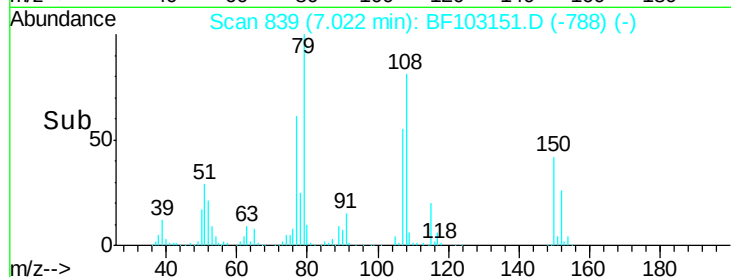
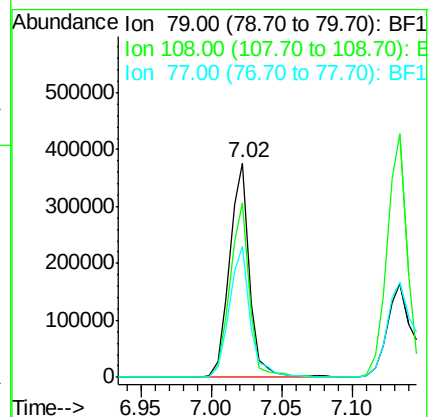
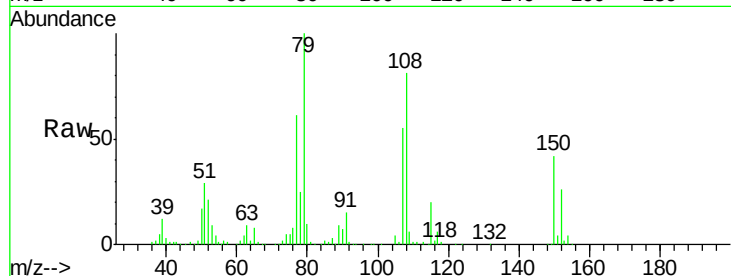
Tot Ion: 79 Resp: 371186

Ion Ratio Lower Upper

79 100

108 81.3 65.1 97.7

77 60.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.624 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

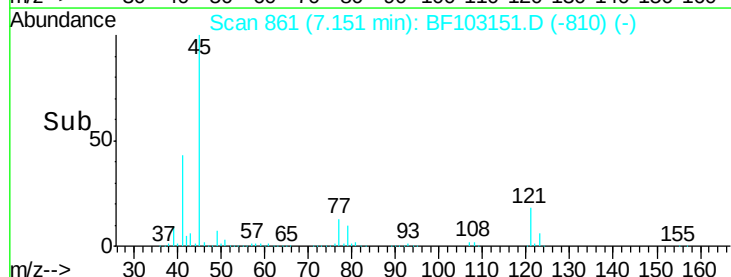
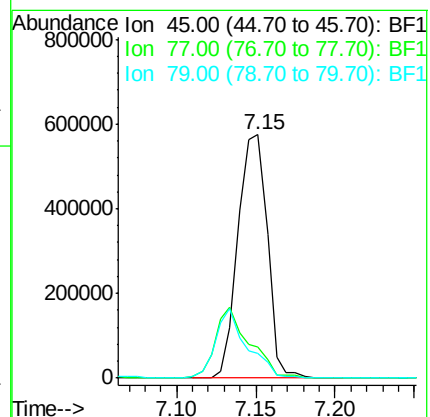
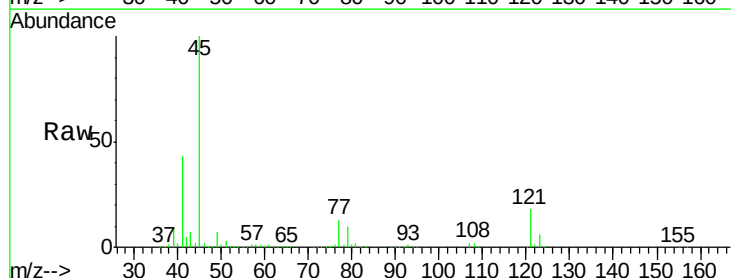
Tgt Ion: 45 Resp: 738027

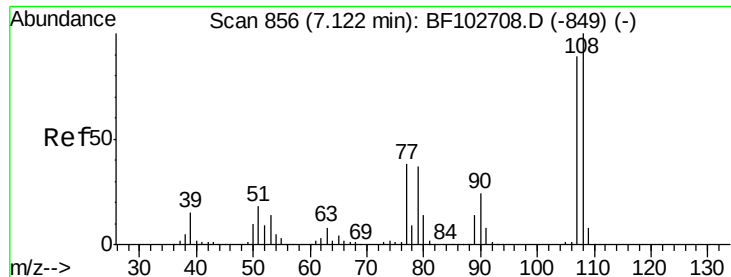
Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.9

79 10.1 0.0 29.6

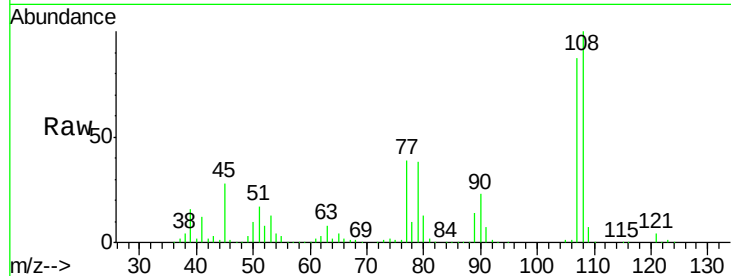




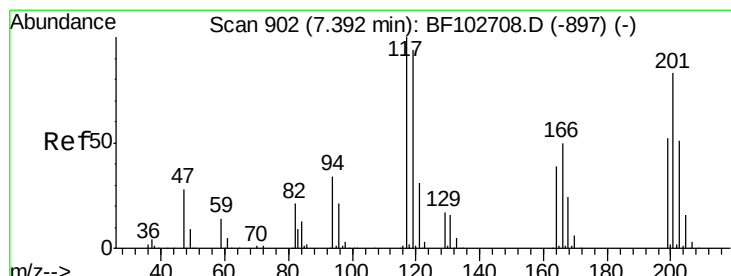
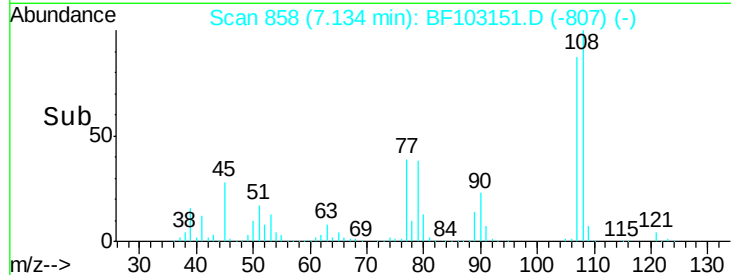
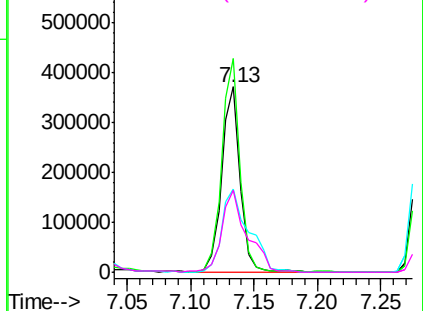
#17
2-Methylphenol
Concen: 38.976 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 375940
Ion Ratio Lower Upper
107 100
108 115.1 91.7 137.5
77 45.0 33.8 50.8
79 44.1 33.8 50.8

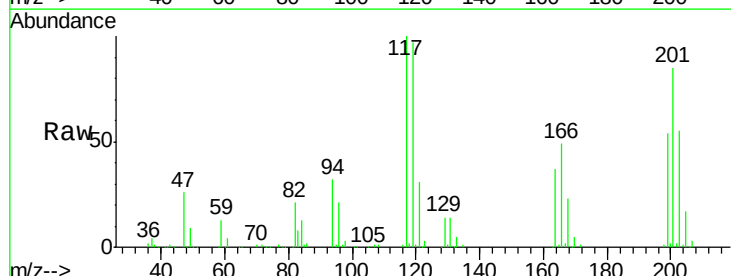


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

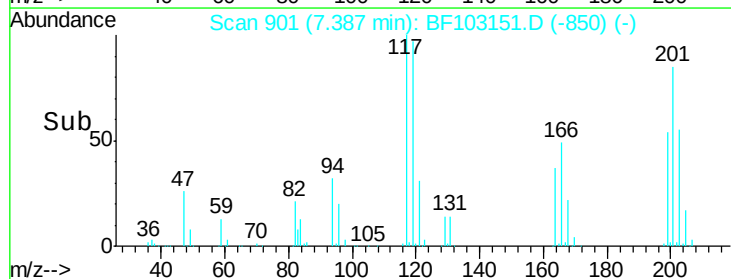
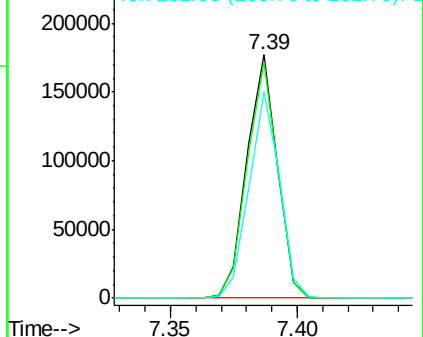


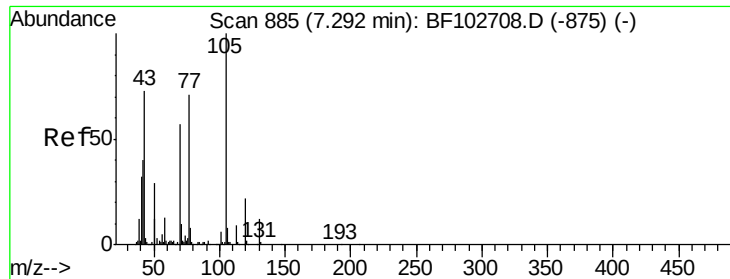
#18
Hexachloroethane
Concen: 35.673 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion:117 Resp: 147555
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8
201 84.8 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

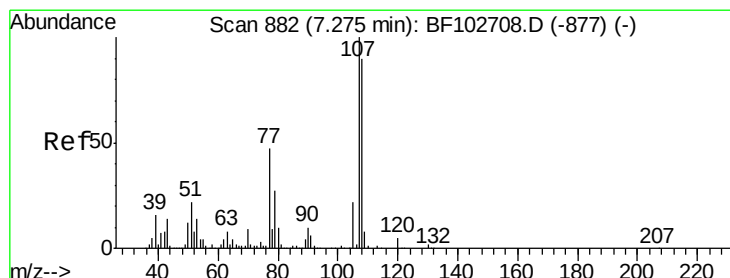
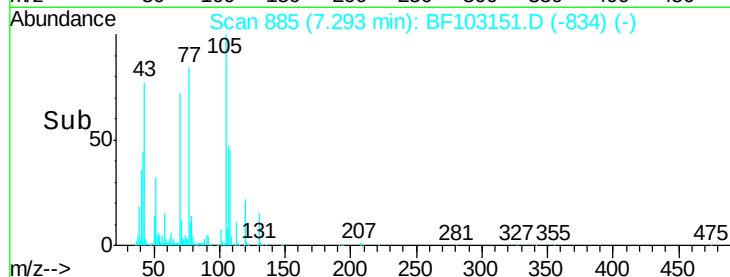
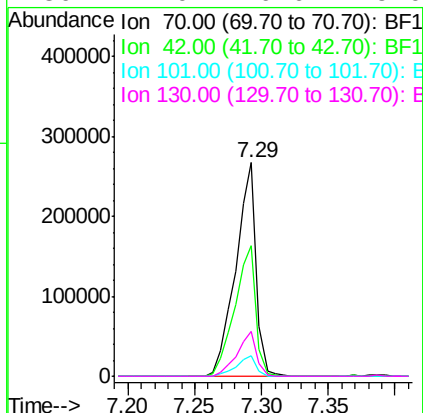
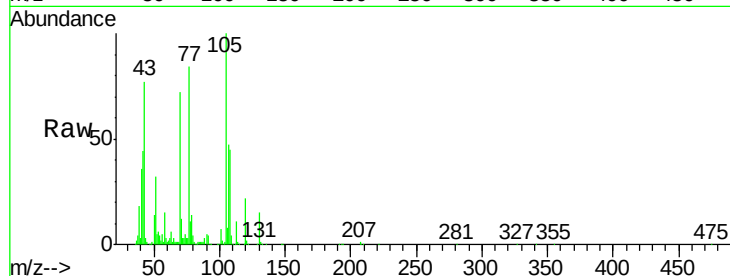




#19
n-Nitroso-di-n-propylamine
Concen: 35.492 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

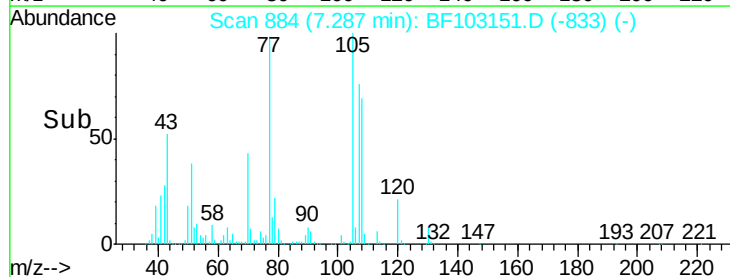
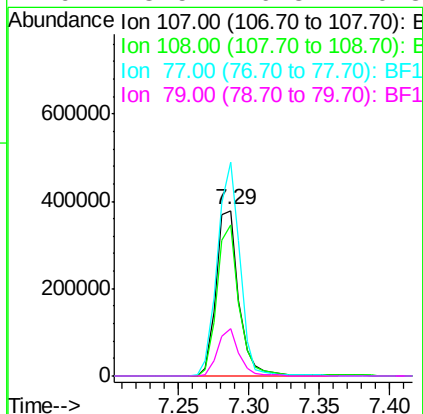
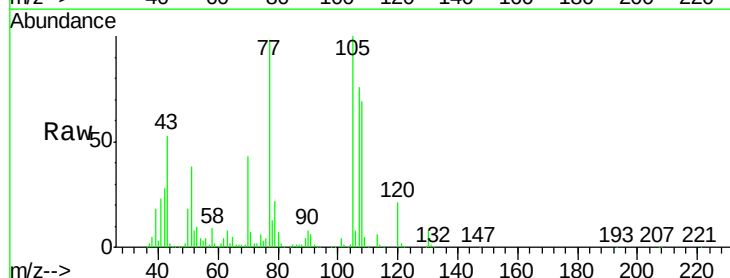
Instrument :
BNA_F
ClientSampleId :

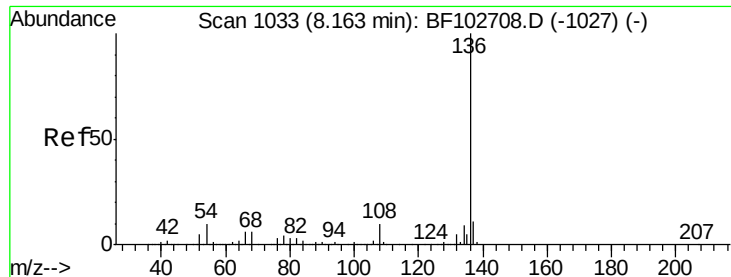
Tot Ion	Ratio	Lower	Upper
70	100		
42	61.2	47.5	71.3
101	9.8	7.4	11.2
130	21.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.662 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	68.2	108.2
77	129.1	26.7	66.7#
79	28.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 642753

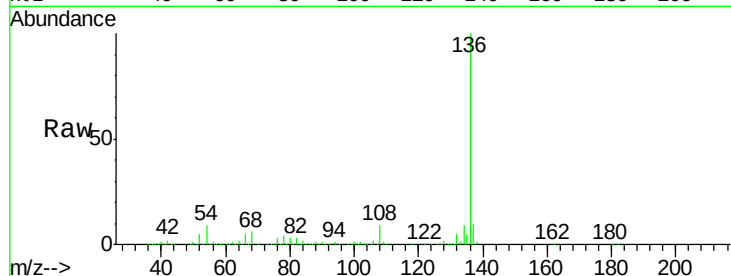
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.2 6.6 9.8

68 6.5 5.0 7.4

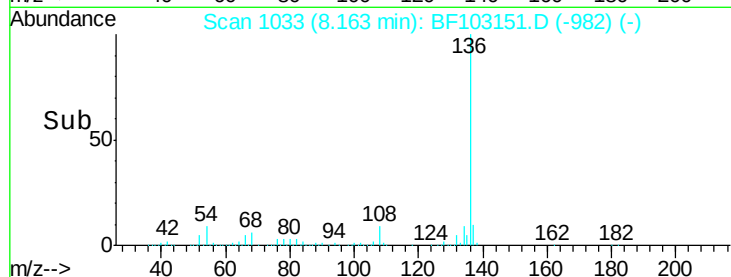


Abundance Ion 136.00 (135.70 to 136.70): E

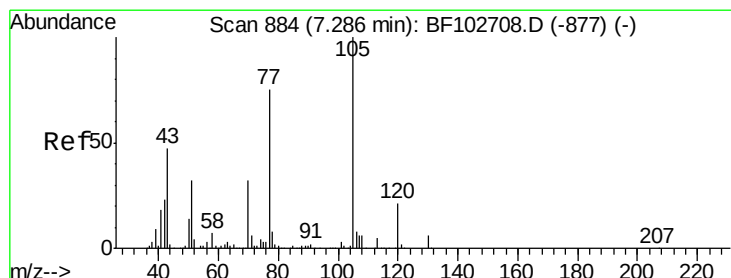
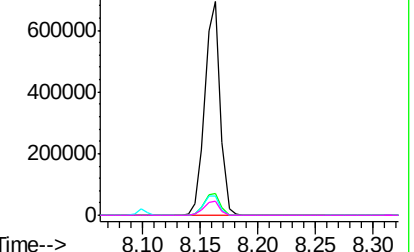
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 35.332 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Tgt Ion:105 Resp: 555731

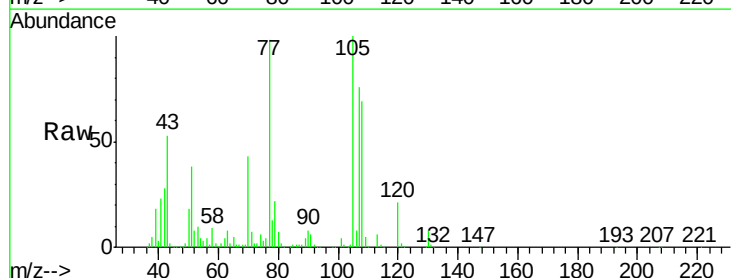
Ion Ratio Lower Upper

105 100

71 7.5 4.4 6.6#

51 38.1 22.3 33.5#

120 21.4 16.9 25.3

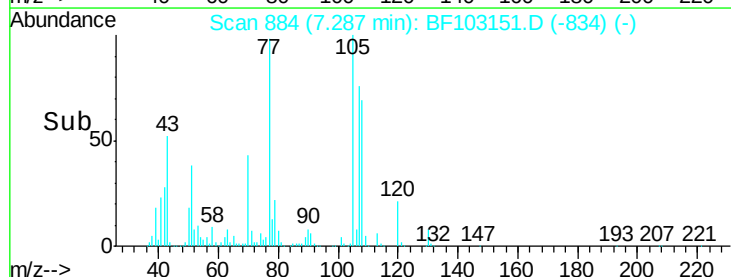


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

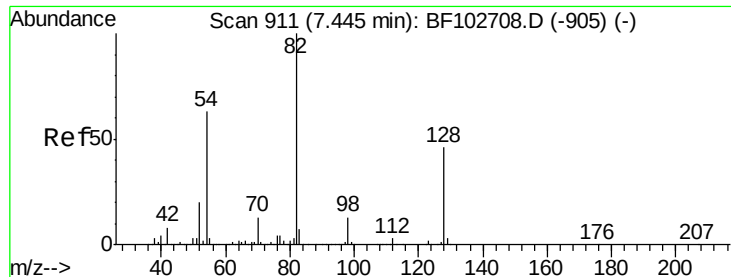
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

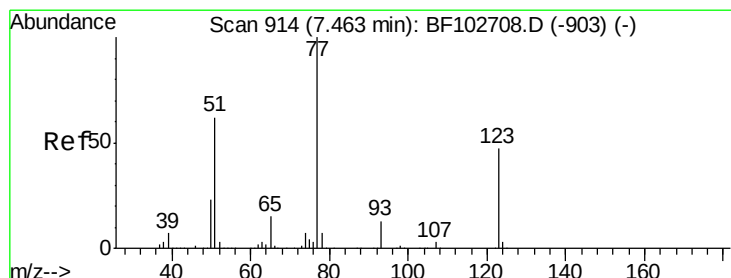
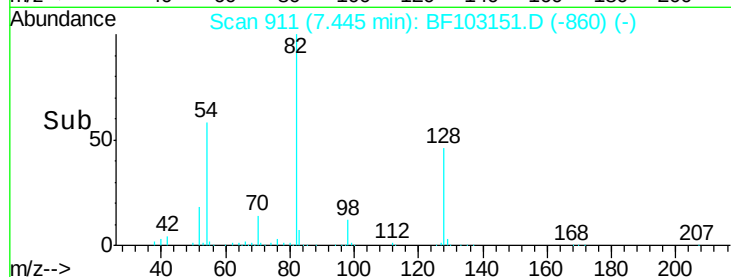
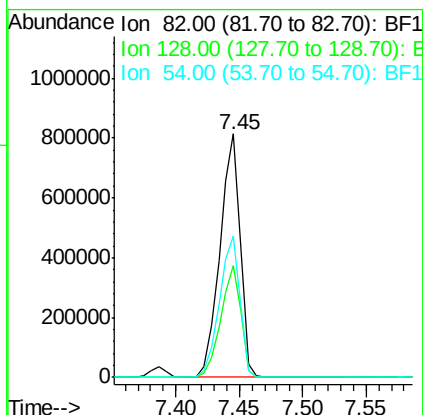
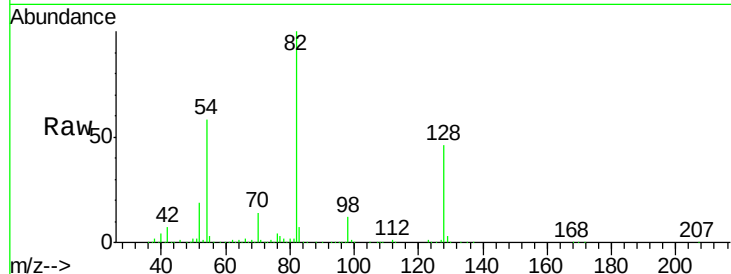




#23
Nitrobenzene-d5
Concen: 97.812 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

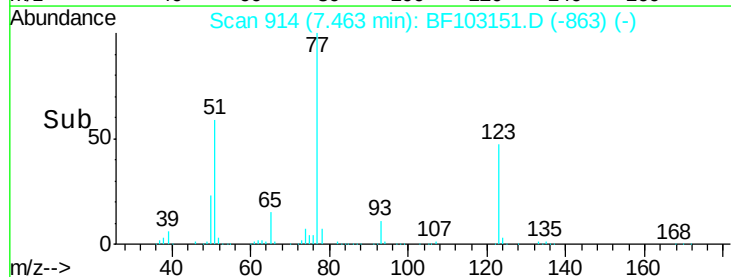
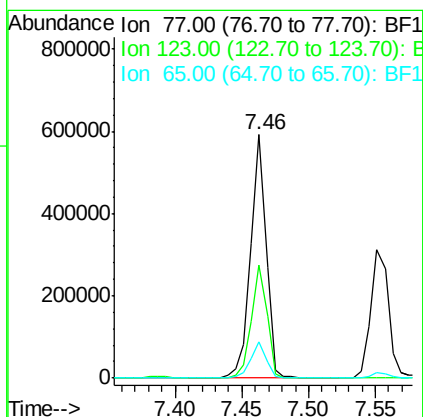
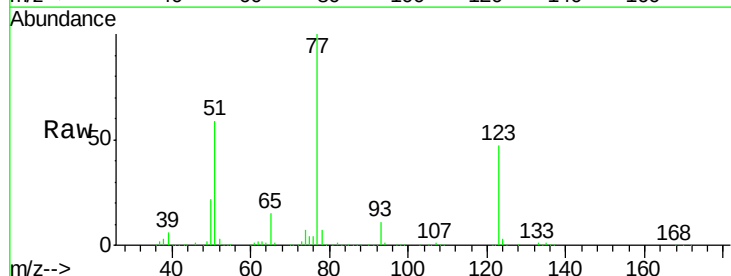
Instrument :
BNA_F
ClientSampleId :

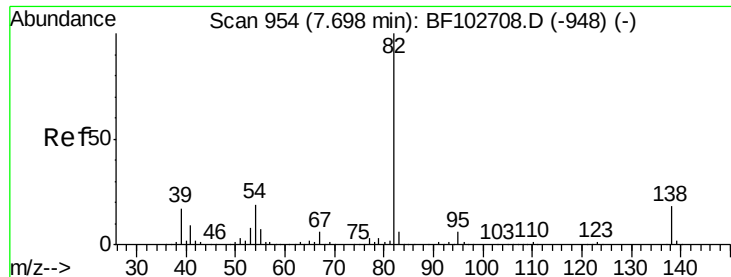
Tot Ion	82	Resp	906273
Ion Ratio	100	Lower	Upper
128	46.1	36.1	54.1
54	57.8	41.4	62.2



#24
Nitrobenzene
Concen: 42.954 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	77	Resp	468180
Ion Ratio	100	Lower	Upper
123	46.7	37.9	56.9
65	14.8	11.0	16.4





#25

Isophorone

Concen: 40.617 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampled :

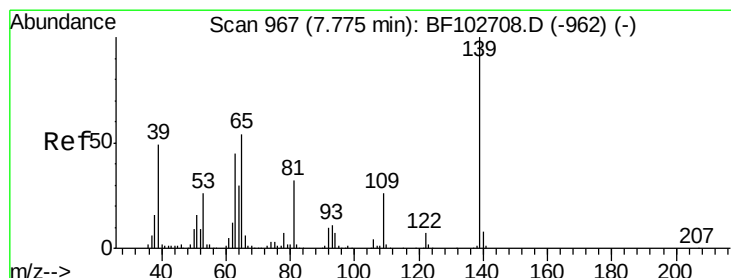
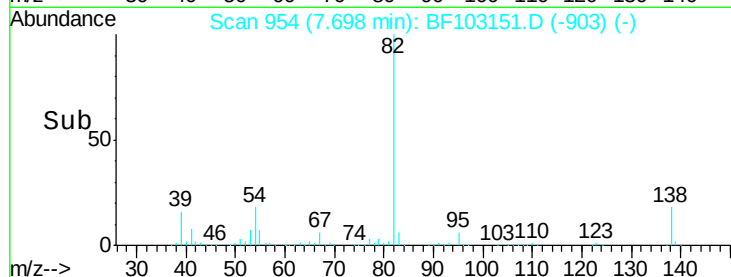
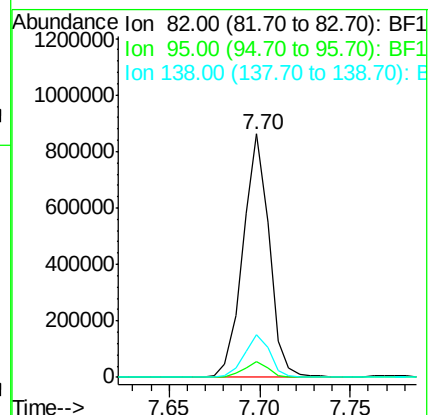
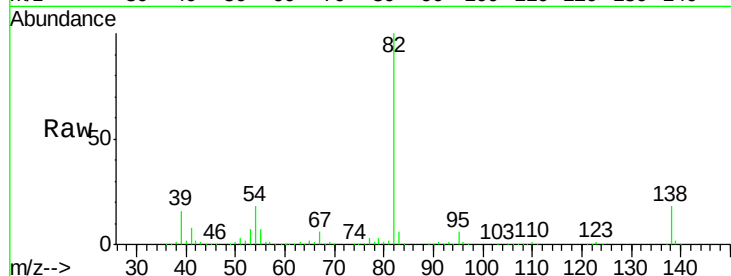
Tot Ion: 82 Resp: 866570

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

138 17.6 14.9 22.3



#26

2-Nitrophenol

Concen: 50.330 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

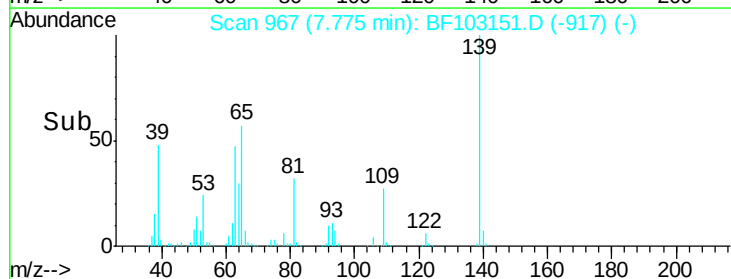
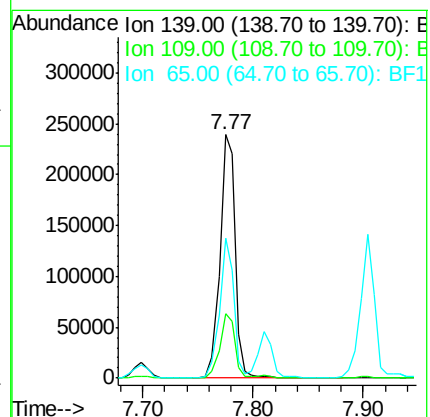
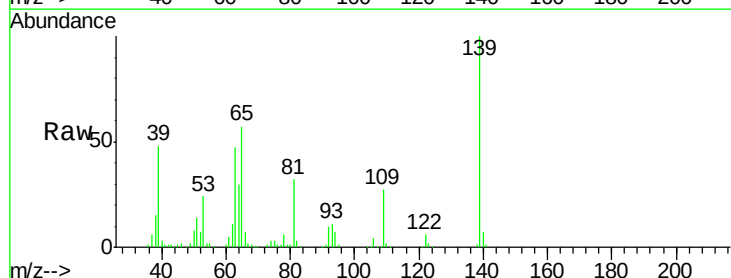
Tgt Ion: 139 Resp: 227653

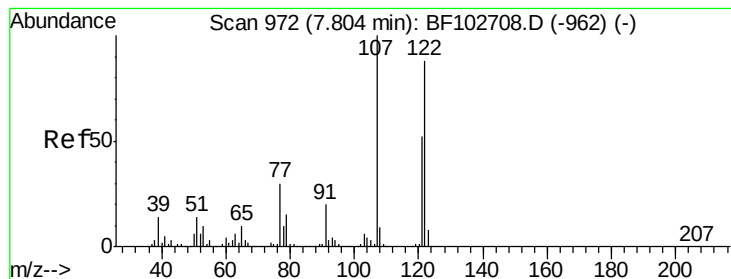
Ion Ratio Lower Upper

139 100

109 26.6 22.7 34.1

65 57.3 40.5 60.7

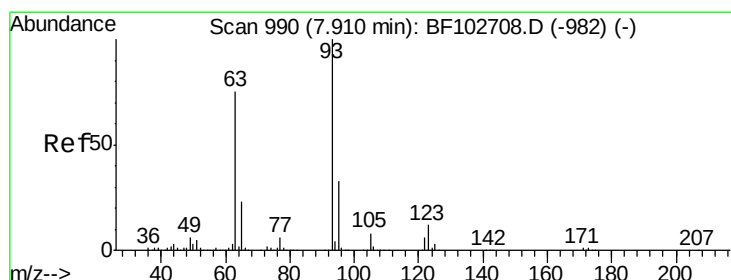
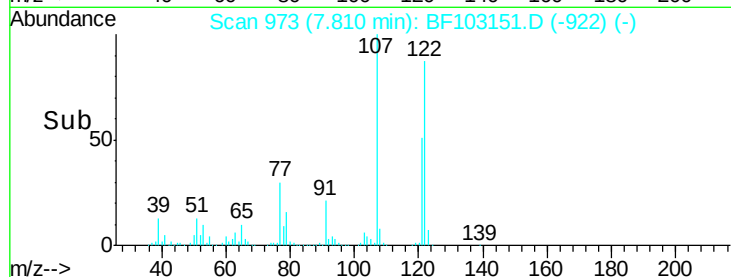
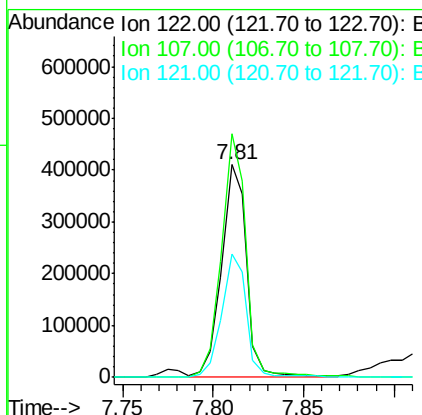
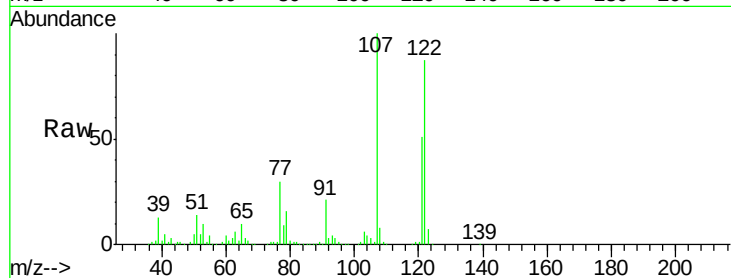




#27
 2,4-Dimethylphenol
 Concen: 43.852 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

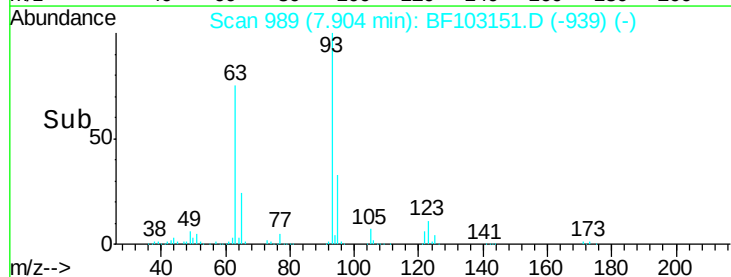
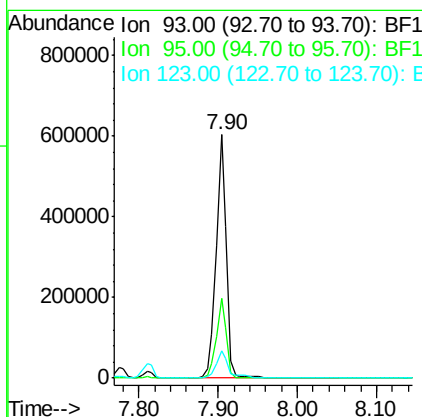
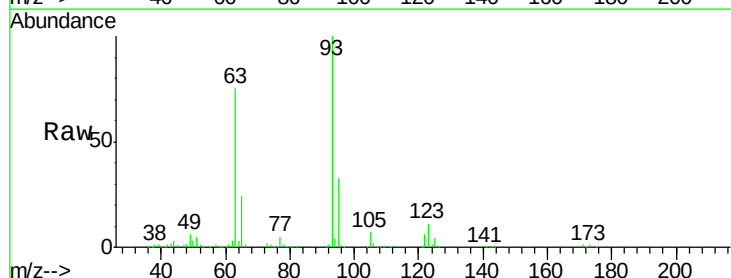
Instrument :
 BNA_F
 ClientSampleId :

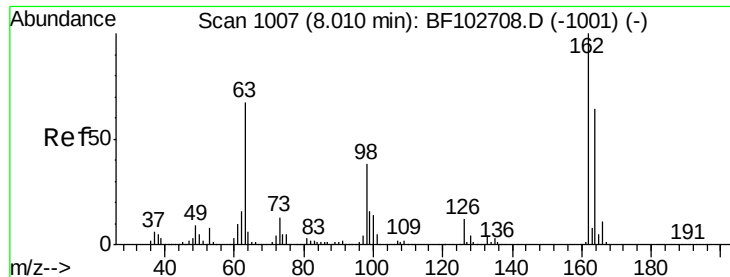
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.2	136.8
121	58.1	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.640 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.4	9.8	14.6

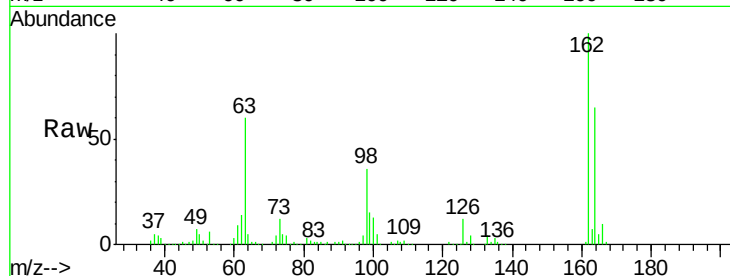




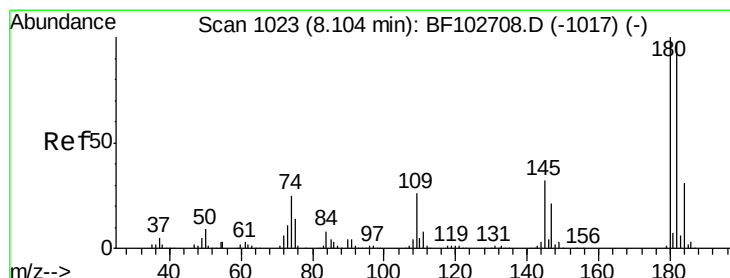
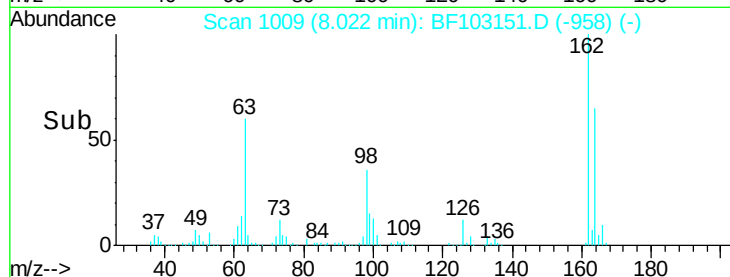
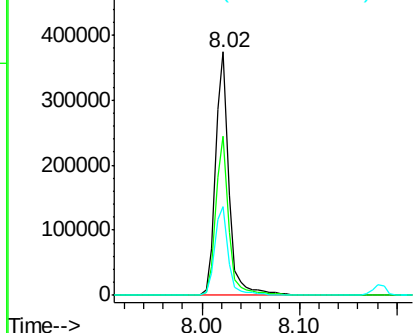
#29
 2,4-Dichlorophenol
 Concen: 43.459 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	356102
Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.7	82.7
98	36.5	18.1	58.1

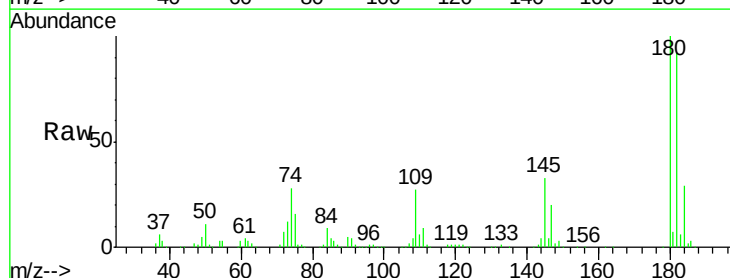


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

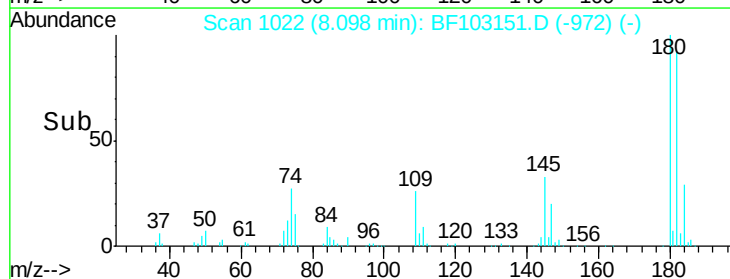
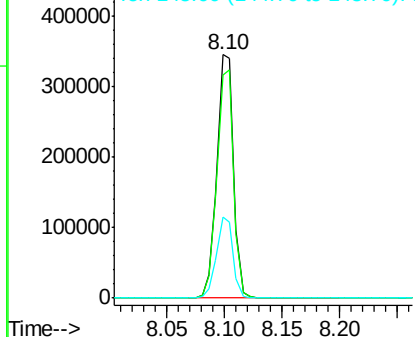


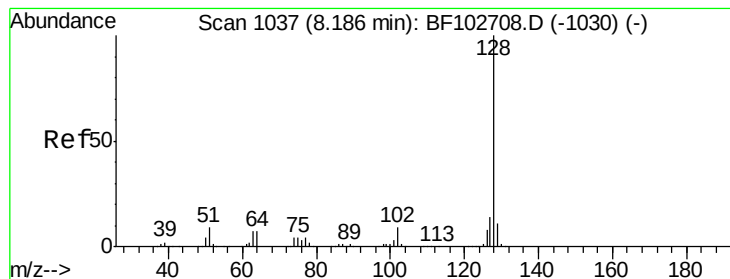
#30
 1,2,4-Trichlorobenzene
 Concen: 37.329 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion:	180	Resp:	346034
Ion	Ratio	Lower	Upper
180	100		
182	91.6	76.8	115.2
145	33.4	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: 37.783 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

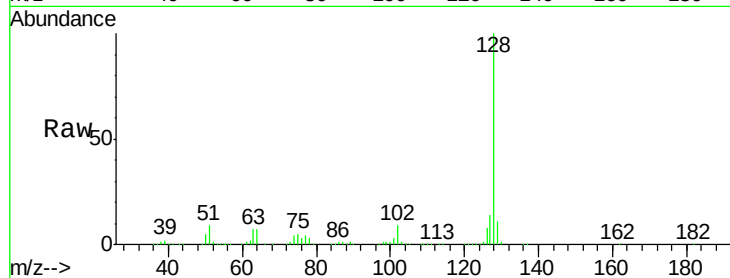
Tot Ion:128 Resp: 1186506

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

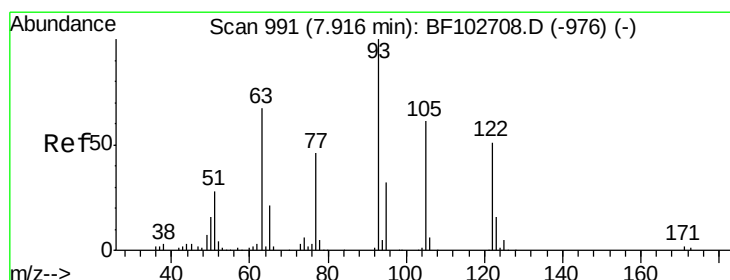
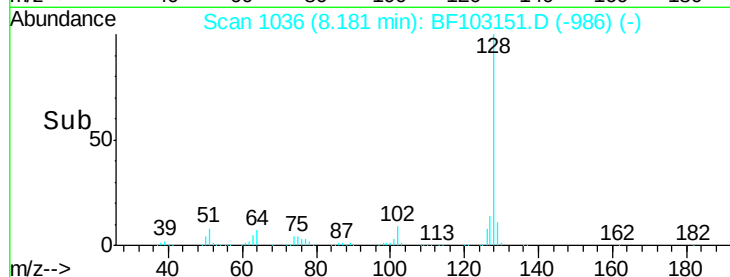
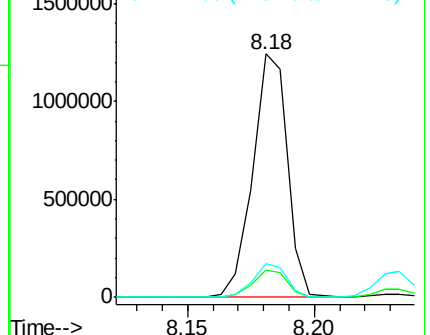
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.926 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

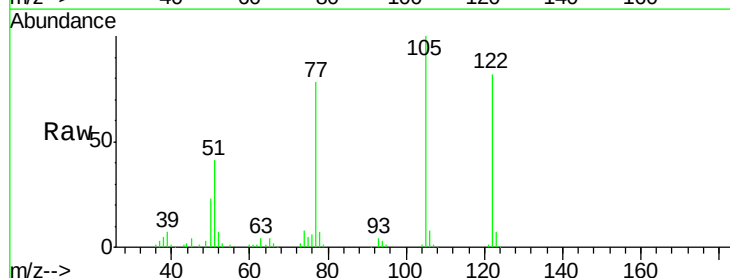
Tgt Ion:122 Resp: 185946

Ion Ratio Lower Upper

122 100

105 122.6 101.1 141.1

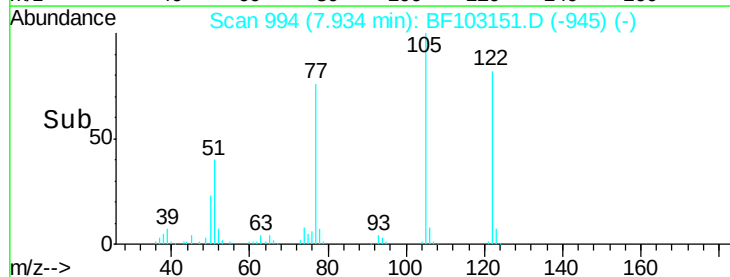
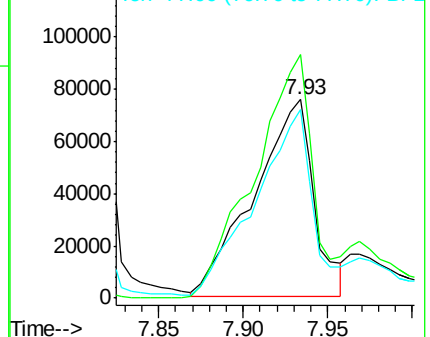
77 95.1 70.7 110.7

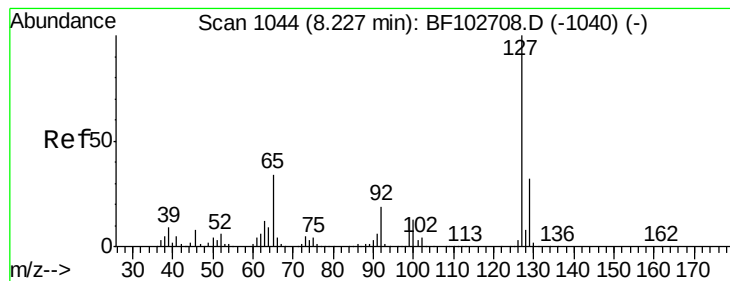


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 11.601 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 156944

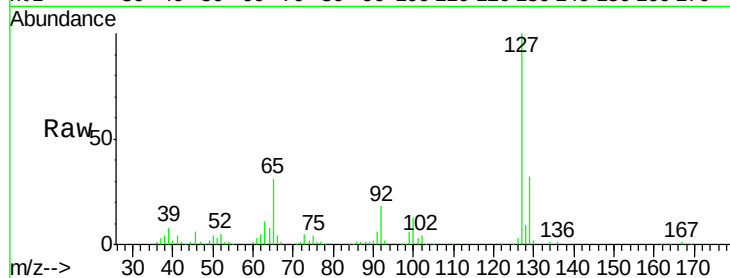
Ion Ratio Lower Upper

127 100

129 31.6 25.9 38.9

65 30.8 25.0 37.4

92 17.7 15.2 22.8

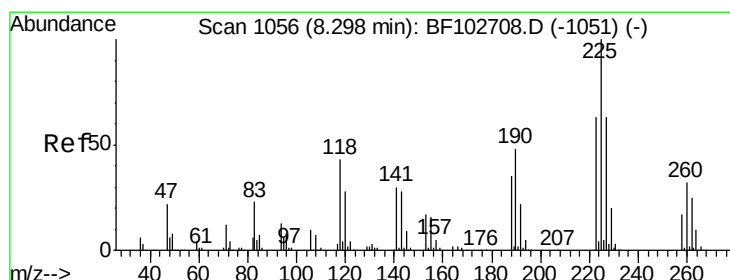
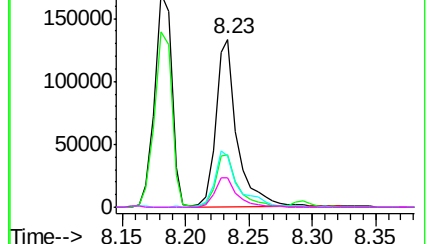
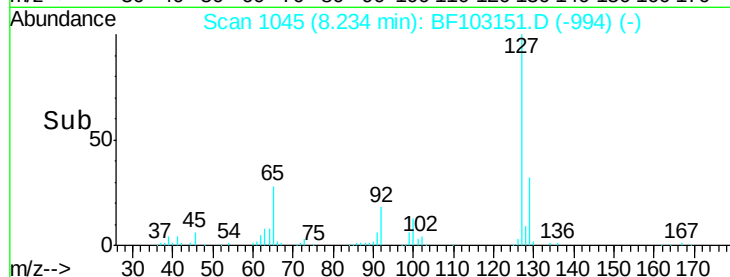


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 36.805 ng

RT: 8.29 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

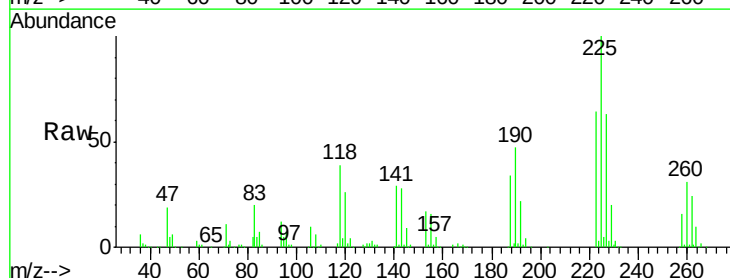
Tgt Ion:225 Resp: 174826

Ion Ratio Lower Upper

225 100

223 64.3 50.6 76.0

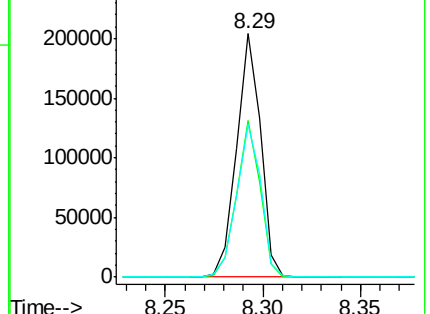
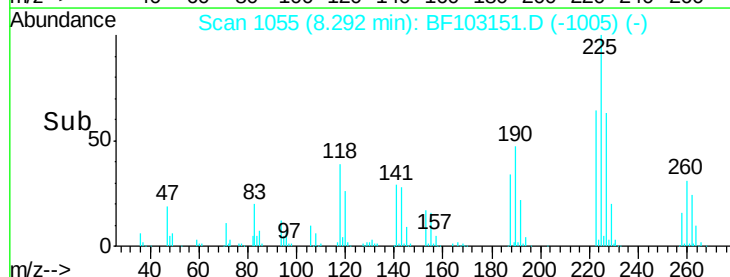
227 62.7 51.9 77.9

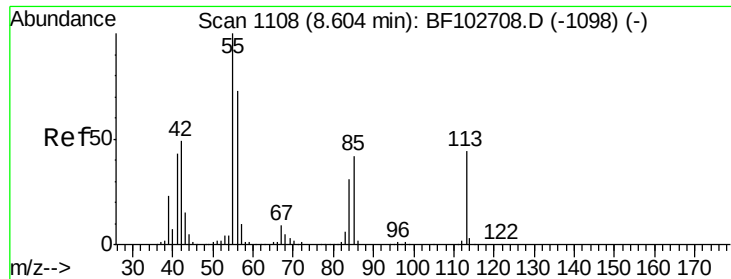


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

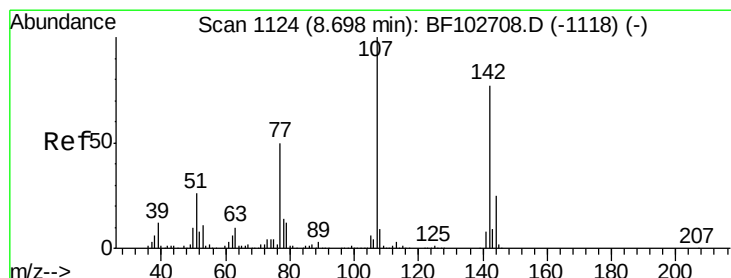
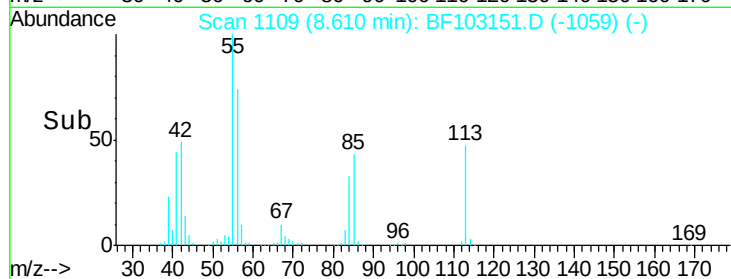
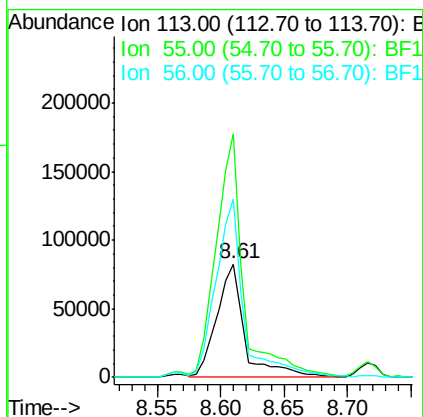
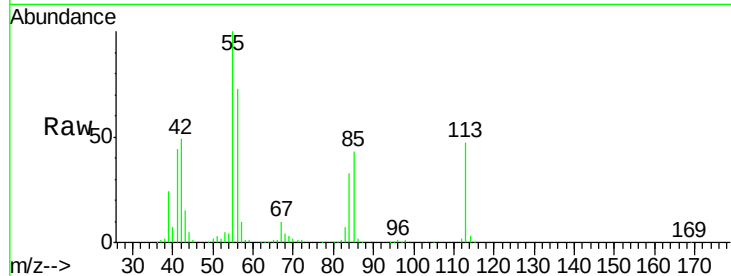




#35
 Caprolactam
 Concen: 43.652 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

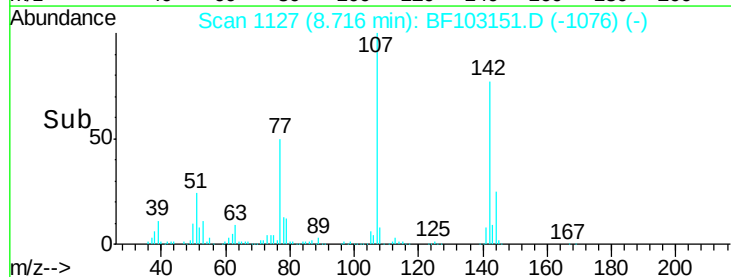
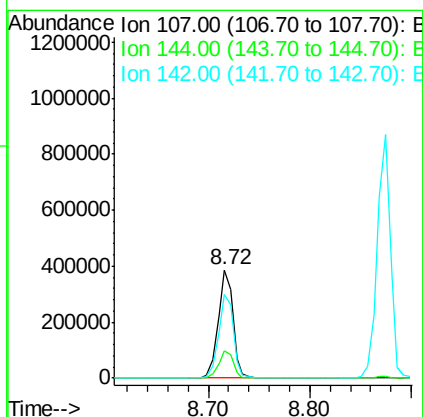
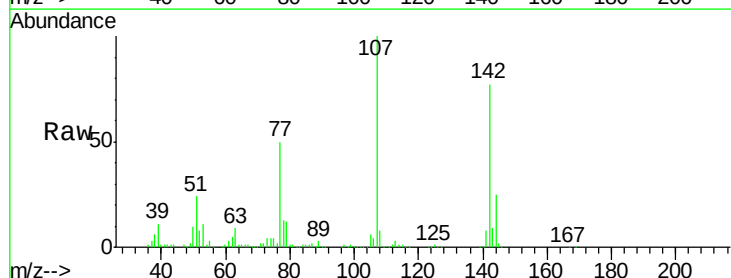
Instrument :
 BNA_F
 ClientSampled :

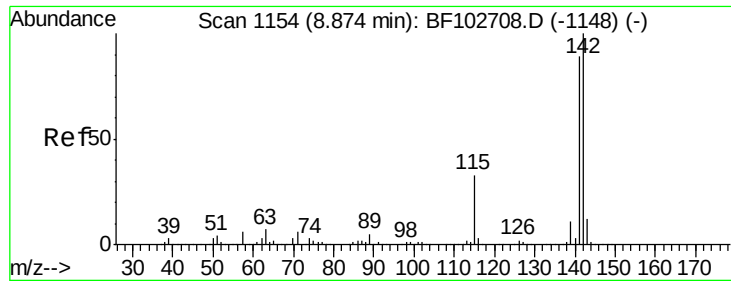
Tot Ion:113 Resp: 124219
 Ion Ratio Lower Upper
 113 100
 55 214.2 163.3 203.3#
 56 157.2 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 42.845 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion:107 Resp: 394456
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.5 30.7
 142 76.7 62.0 93.0

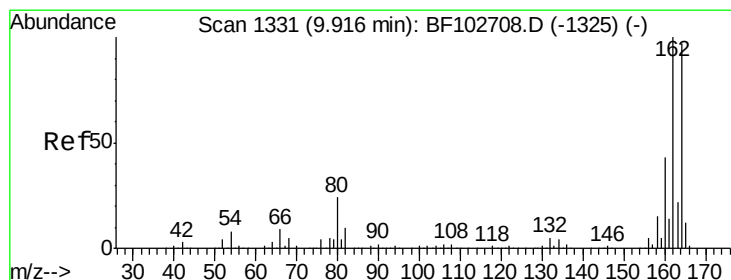
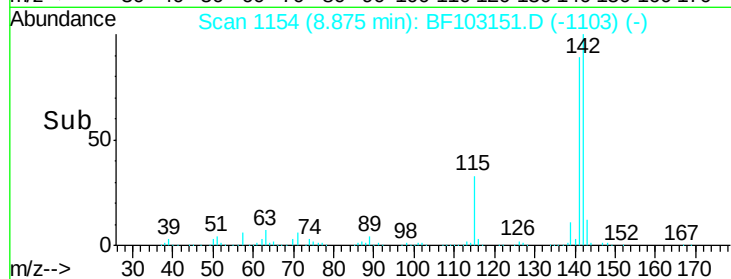
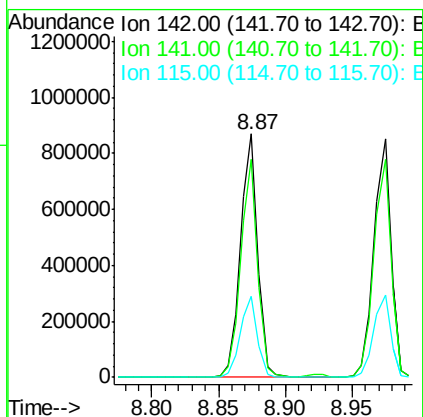
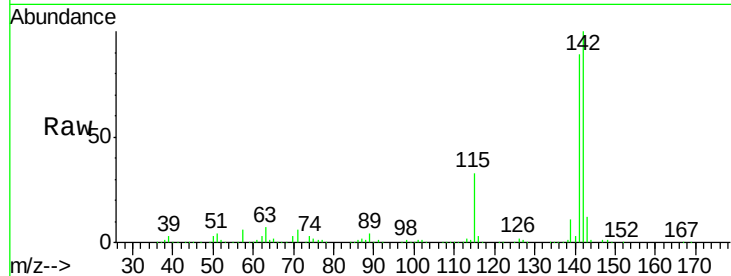




#37
2-Methylnaphthalene
Concen: 38.207 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

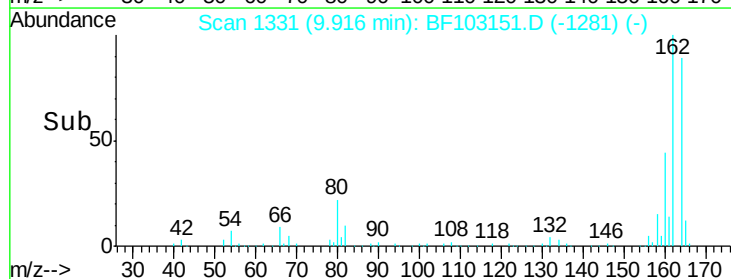
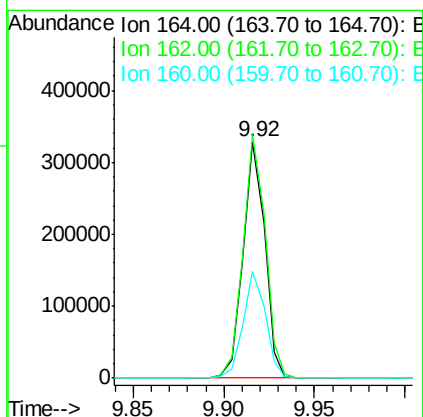
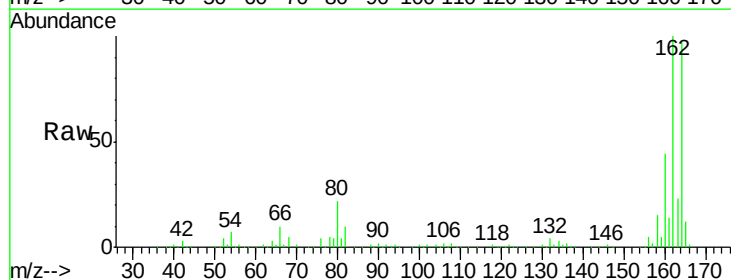
Instrument :
BNA_F
ClientSampleId :

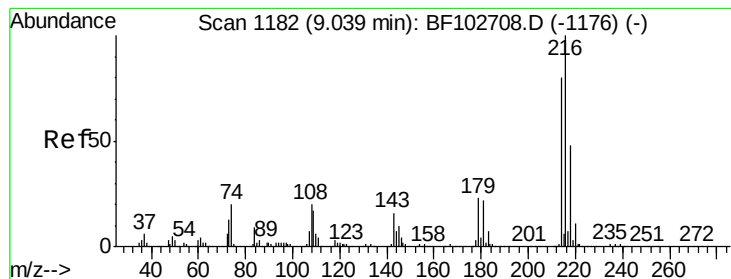
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	33.2	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	45.3	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.902 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 296953

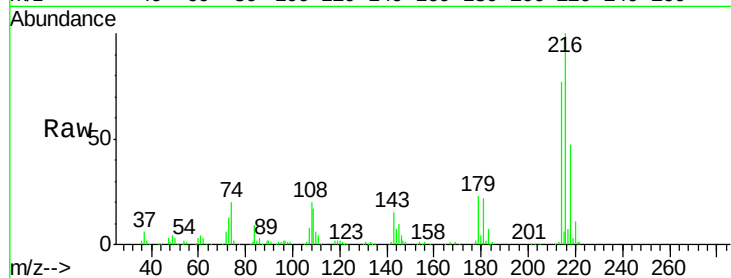
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.4

179 23.2 18.1 27.1

108 21.7 17.2 25.8

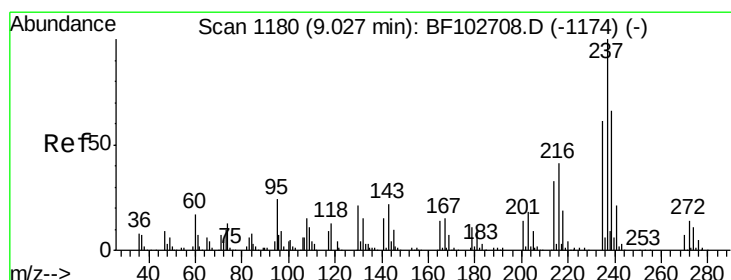
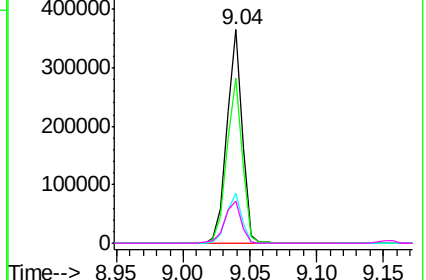
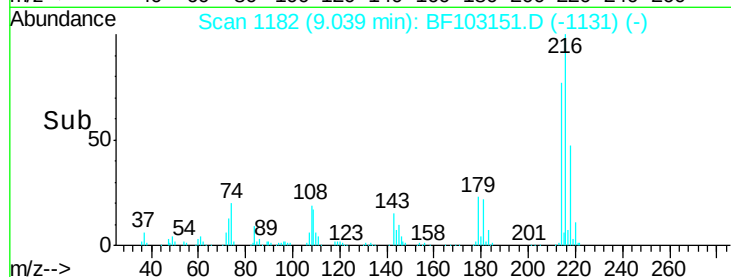


Abundance Ion 216.00 (215.70 to 216.70): E

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: 12.745 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

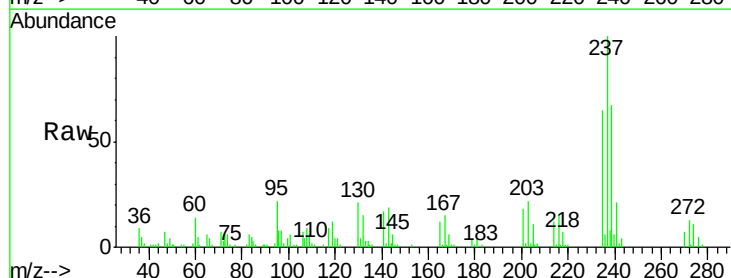
Tgt Ion:237 Resp: 45089

Ion Ratio Lower Upper

237 100

235 64.8 44.8 84.8

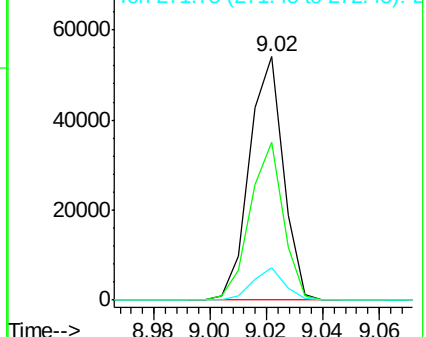
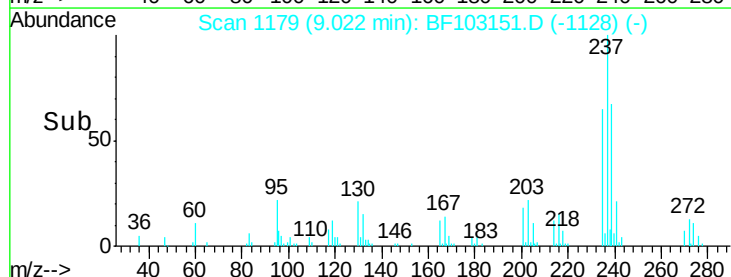
272 13.1 0.0 33.3

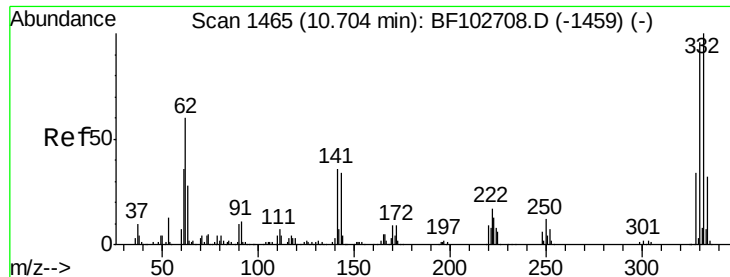


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 113.921 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

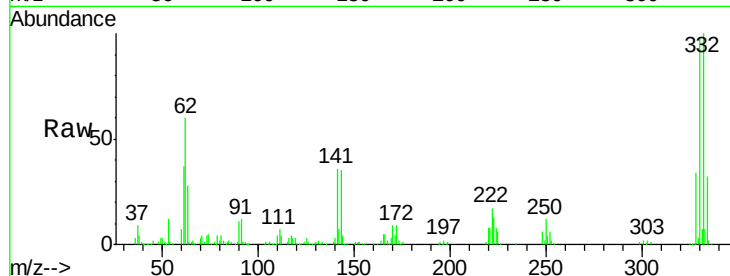
Tot Ion:330 Resp: 250620

Ion Ratio Lower Upper

330 100

332 101.9 77.0 115.6

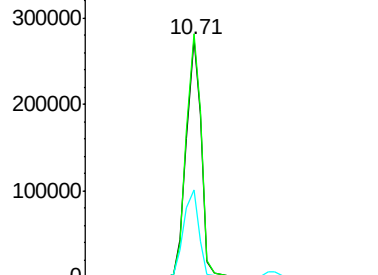
141 37.8 29.9 44.9



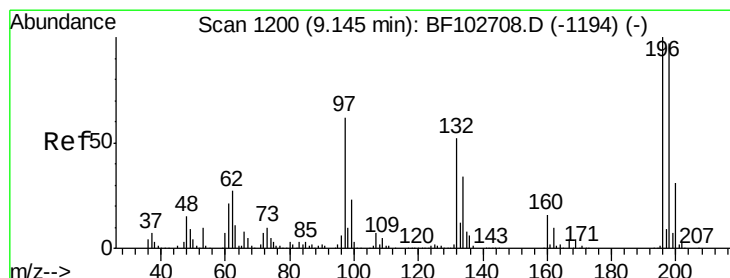
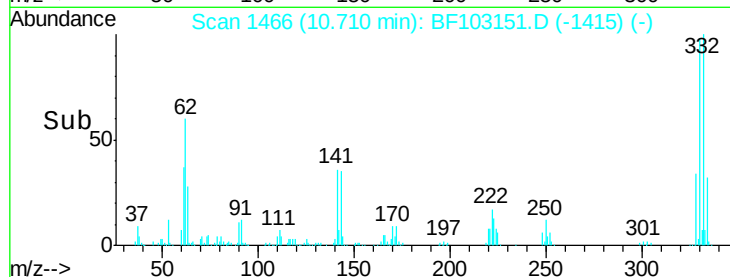
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#42

2,4,6-Trichlorophenol

Concen: 44.103 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

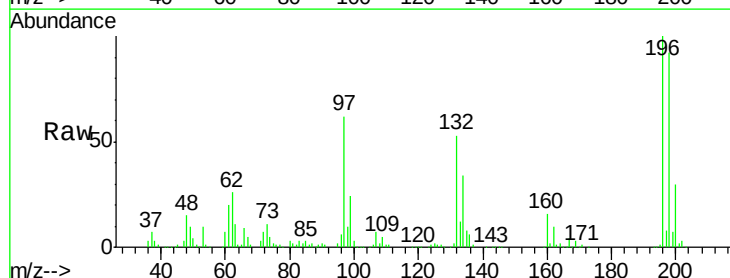
Tgt Ion:196 Resp: 215583

Ion Ratio Lower Upper

196 100

198 92.5 75.7 113.5

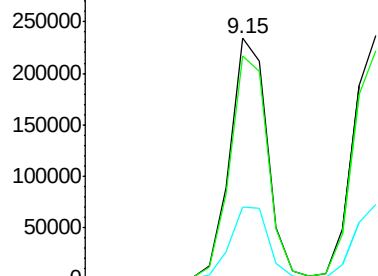
200 29.8 24.5 36.7



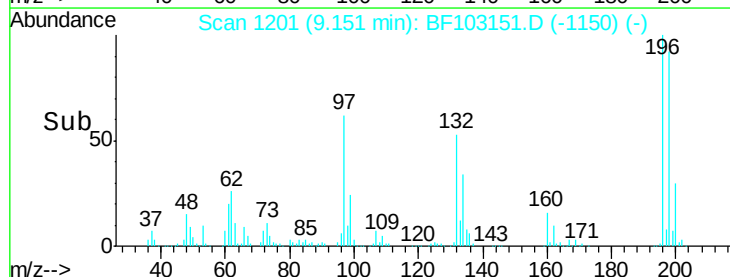
Abundance Ion 196.00 (195.70 to 196.70): E

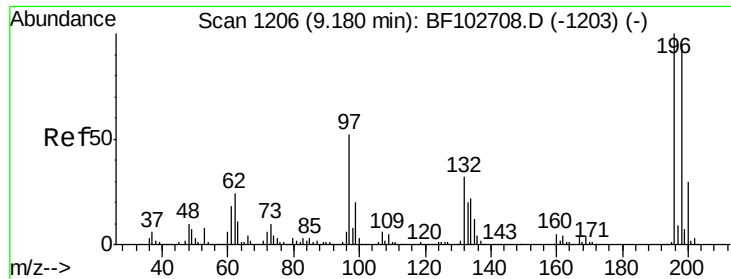
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



Time-->

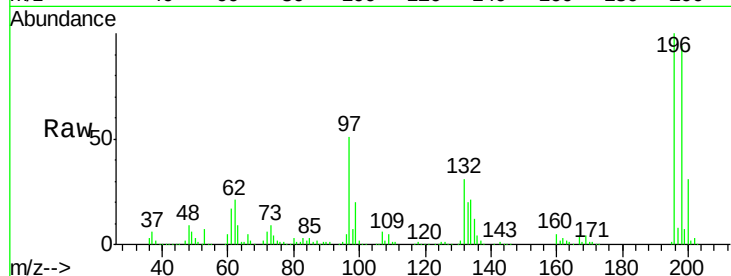




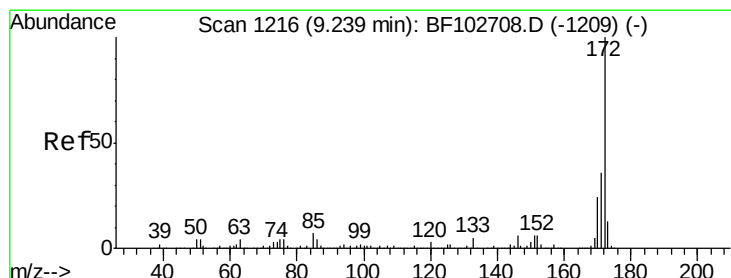
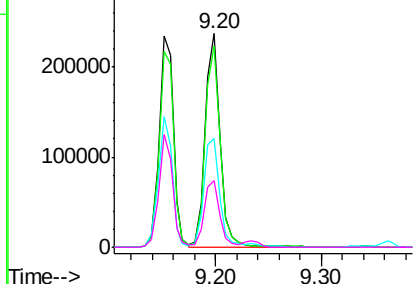
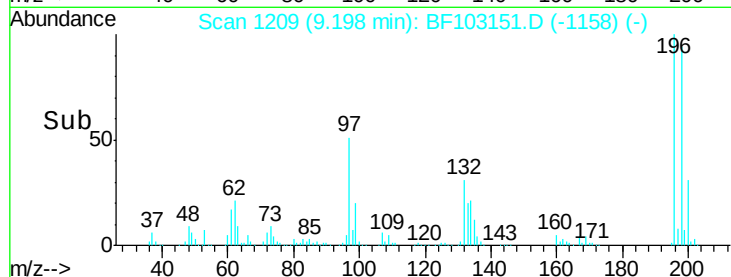
#43
 2,4,5-Trichlorophenol
 Concen: 41.892 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.6	112.0
97	50.9	42.9	64.3
132	31.1	26.3	39.5

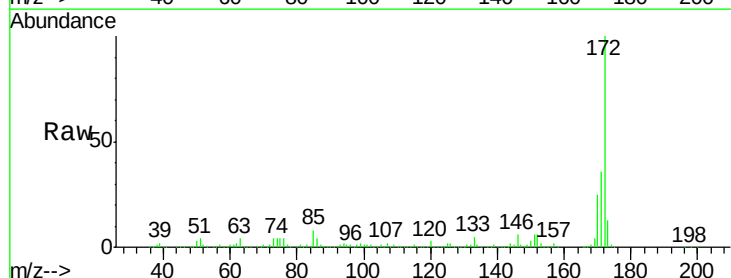


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

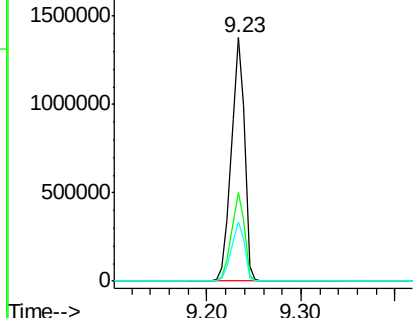
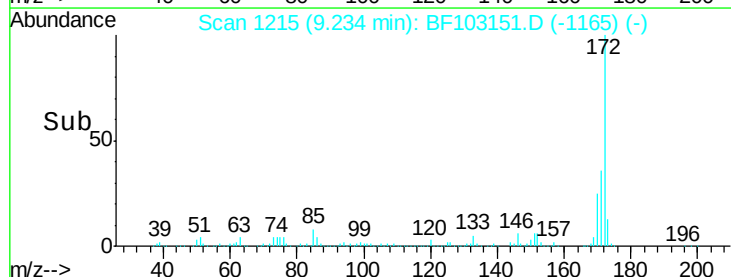


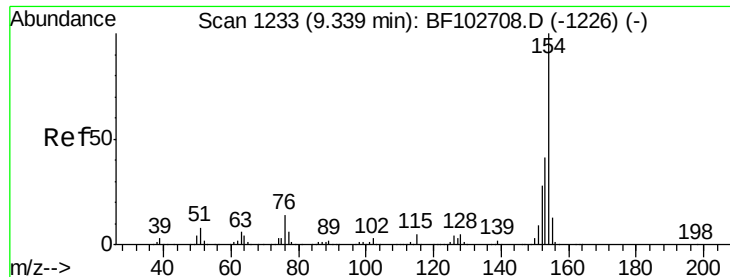
#44
 2-Fluorobiphenyl
 Concen: 81.997 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	19.6	29.4



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

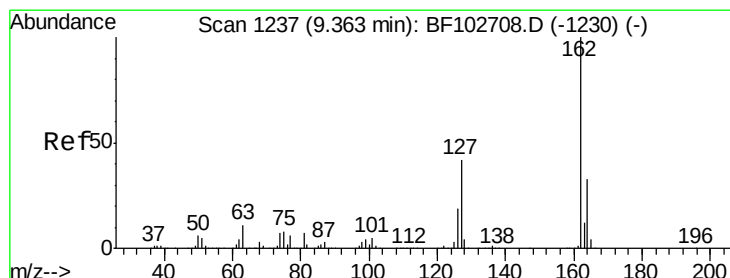
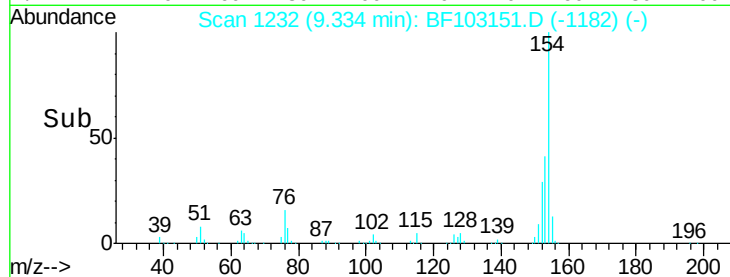
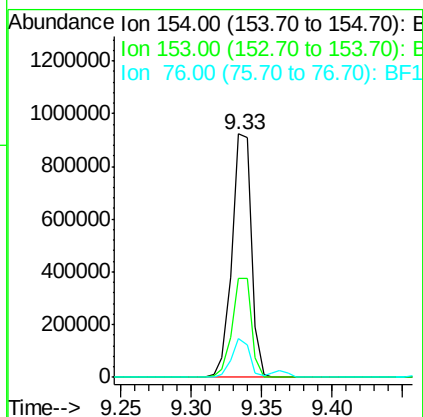
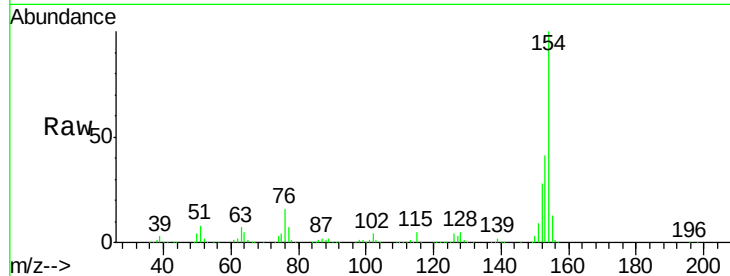




#45
 1,1'-Biphenyl
 Concen: 38.483 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

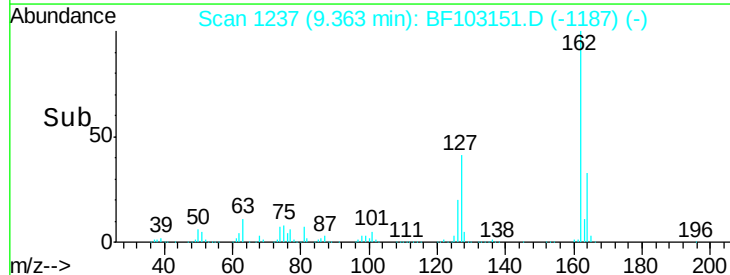
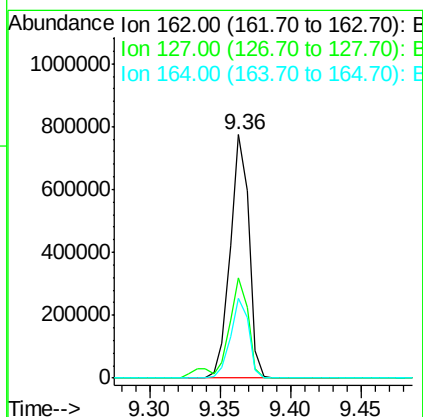
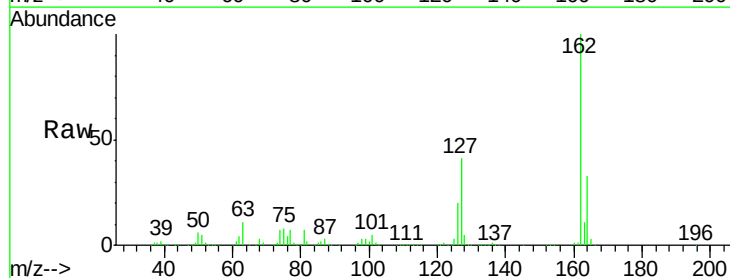
Instrument :
 BNA_F
 ClientSampleId :

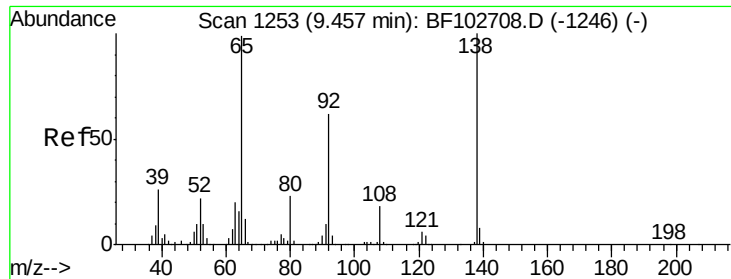
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	15.8	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 39.413 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.9	50.9
164	32.7	26.5	39.7

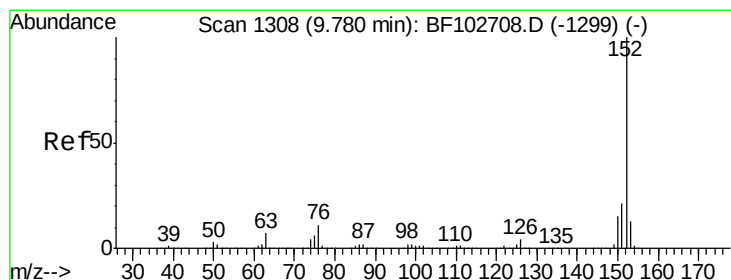
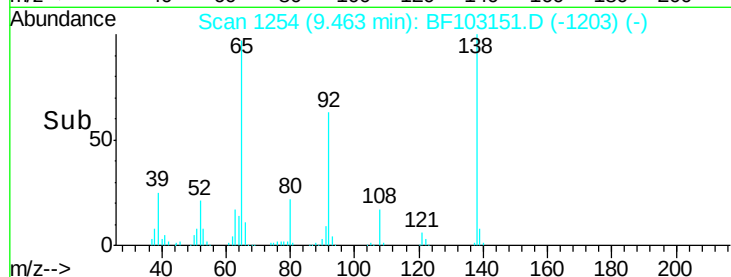
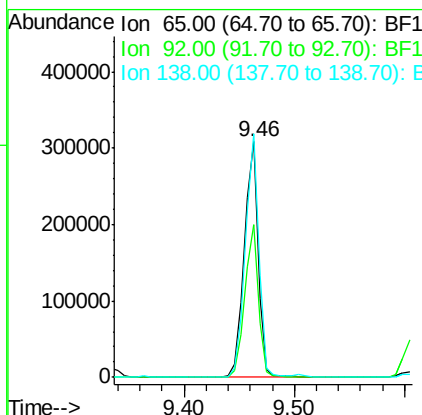
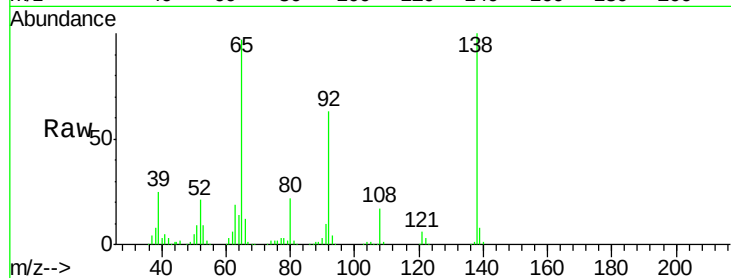




#47
2-Nitroaniline
Concen: 49.614 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

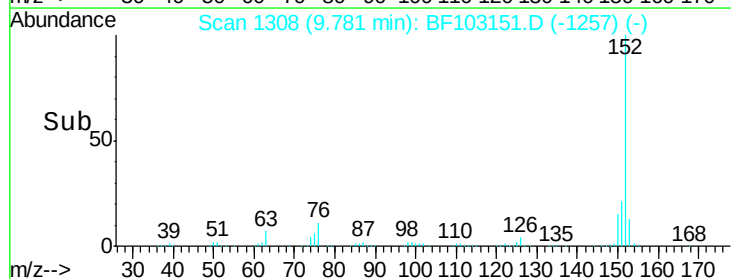
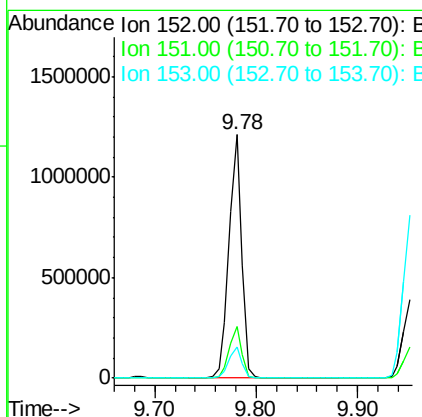
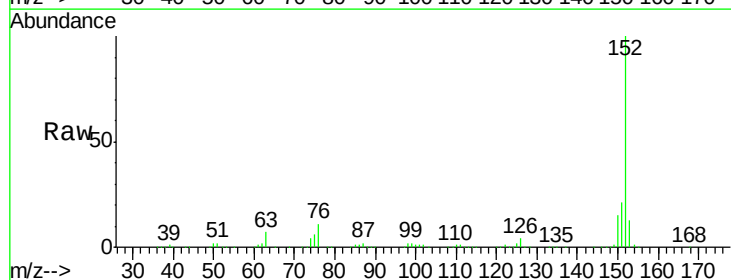
Instrument :
BNA_F
ClientSampleId :

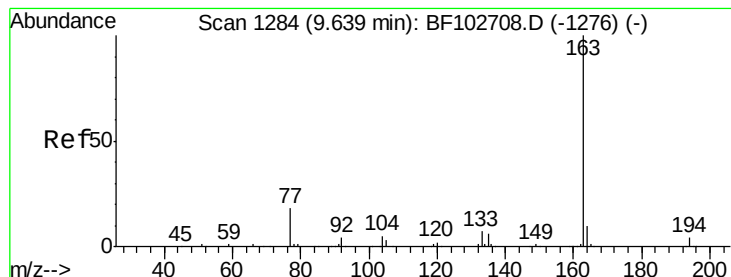
Tot Ion: 65 Resp: 278175
Ion Ratio Lower Upper
65 100
92 65.1 55.8 83.6
138 103.3 91.2 136.8



#48
Acenaphthylene
Concen: 37.588 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion: 152 Resp: 1058098
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 12.9 10.7 16.1





#49

Dimethylphthalate

Concen: 40.630 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

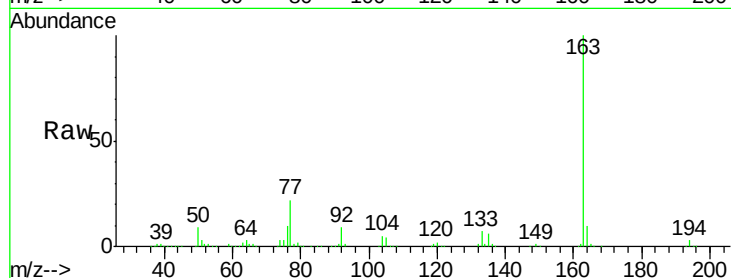
Tot Ion:163 Resp: 865899

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

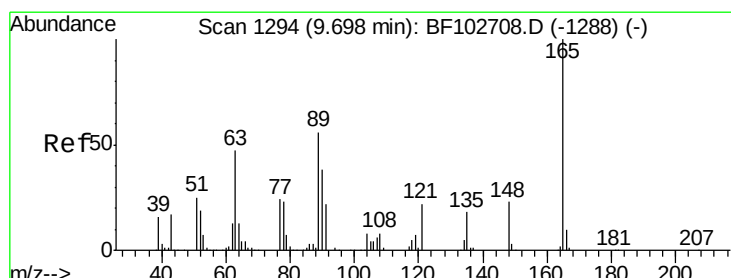
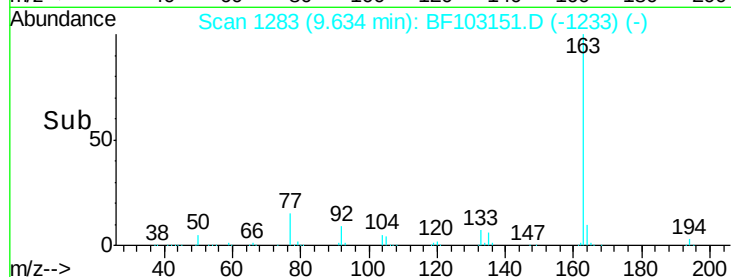
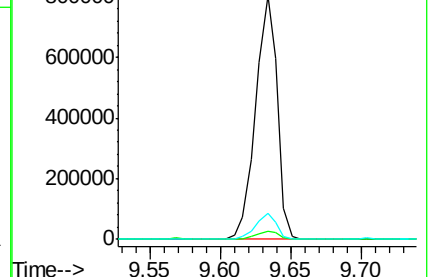
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.931 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

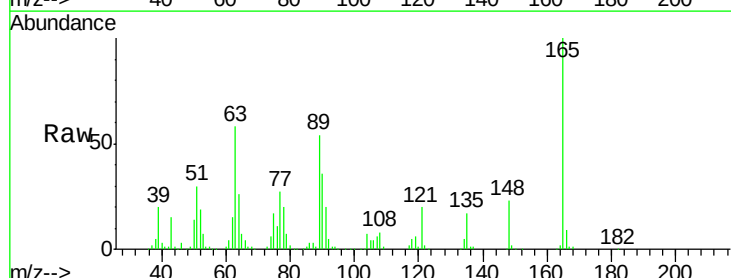
Tgt Ion:165 Resp: 182175

Ion Ratio Lower Upper

165 100

63 57.7 44.7 67.1

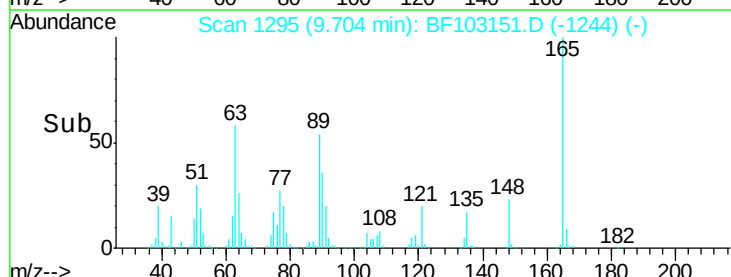
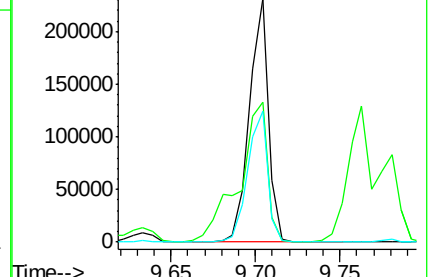
89 54.0 44.0 66.0

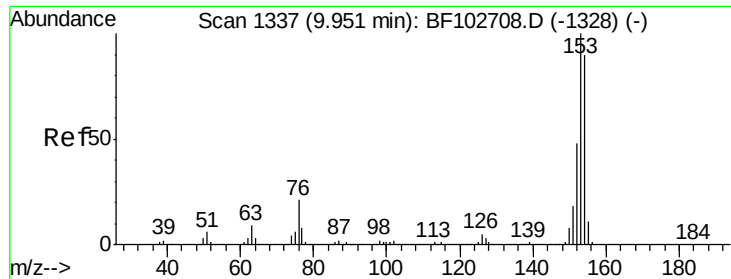


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.628 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

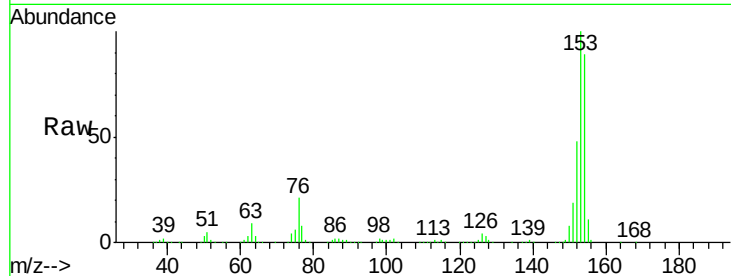
Tot Ion:154 Resp: 599775

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

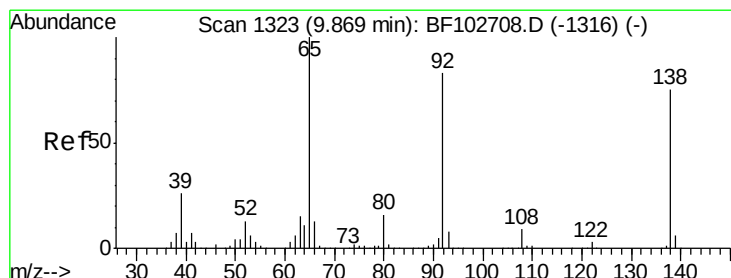
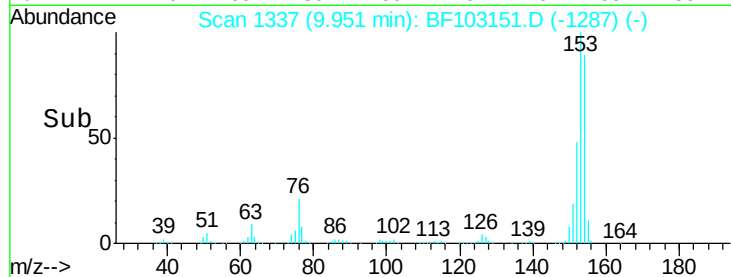
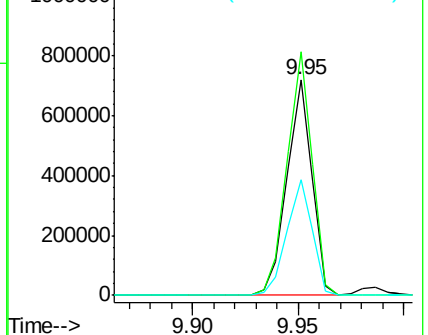
152 53.8 43.8 65.8



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: 29.089 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

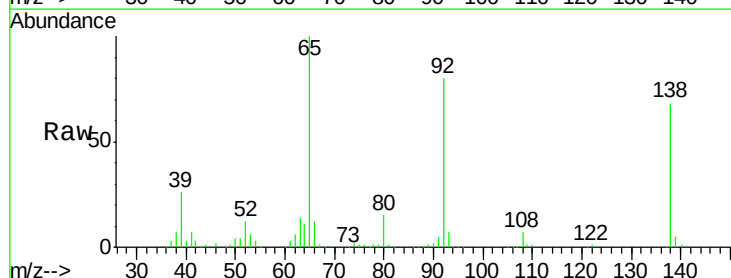
Tgt Ion:138 Resp: 145124

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

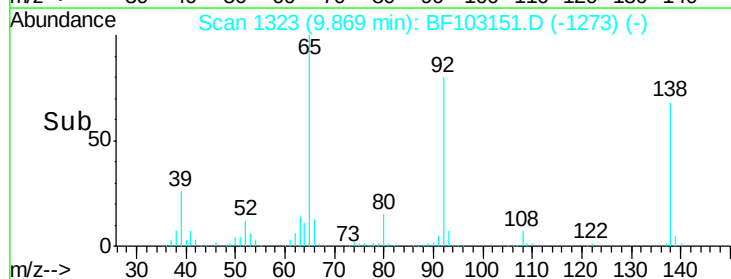
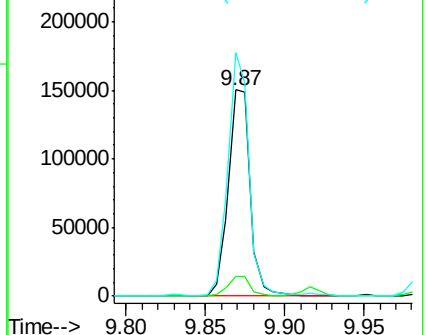
92 118.1 89.4 134.2

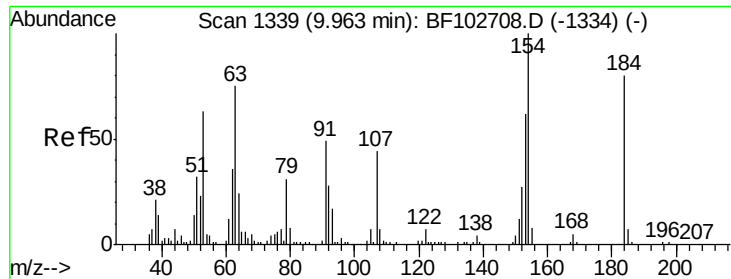


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

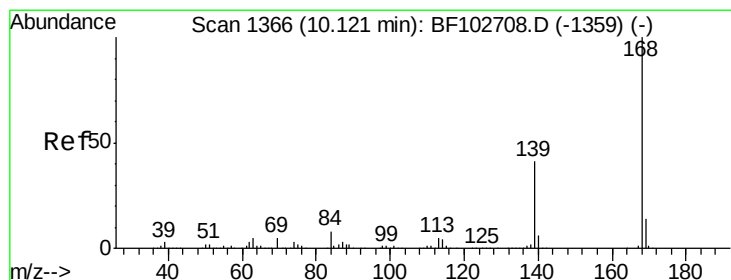
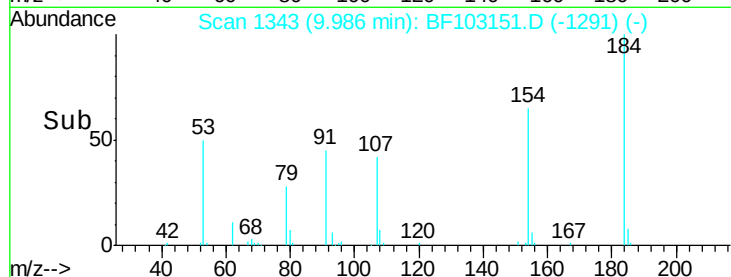
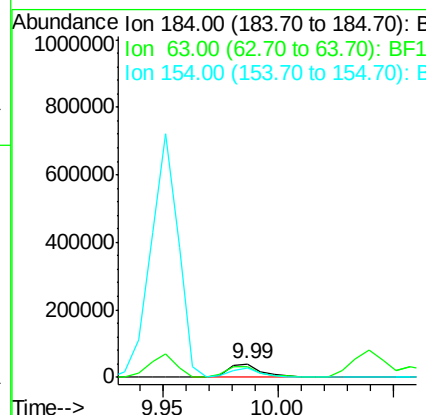
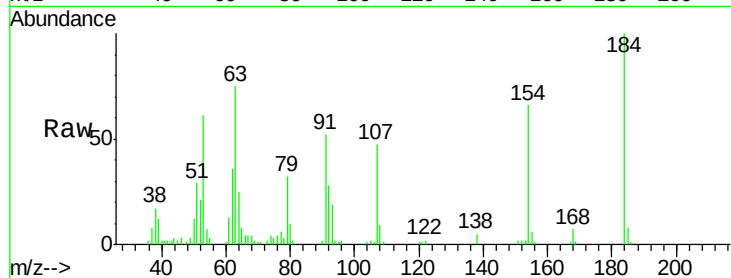




#53
2,4-Dinitrophenol
Concen: 45.371 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

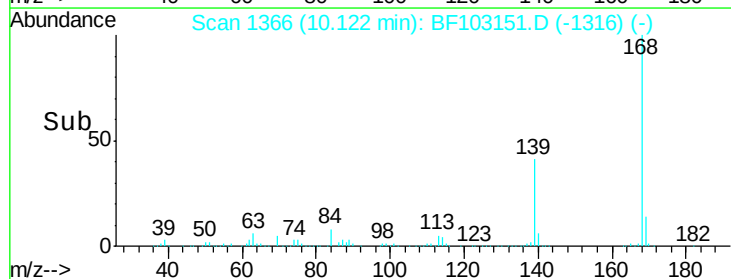
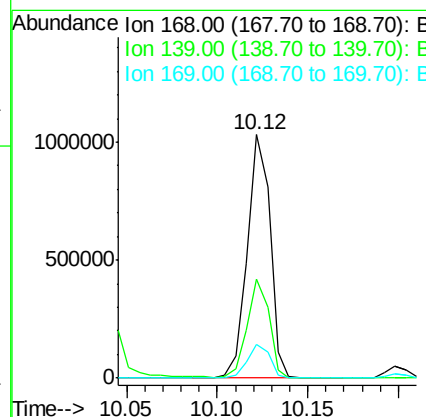
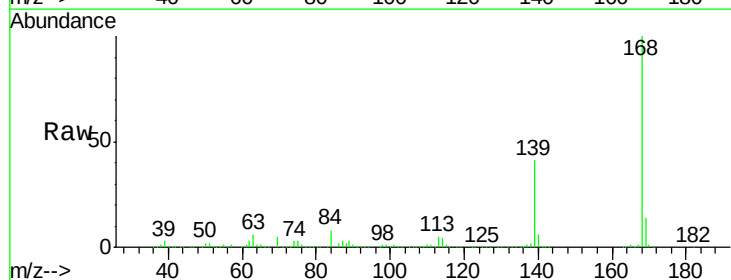
Instrument :
BNA_F
ClientSampled :

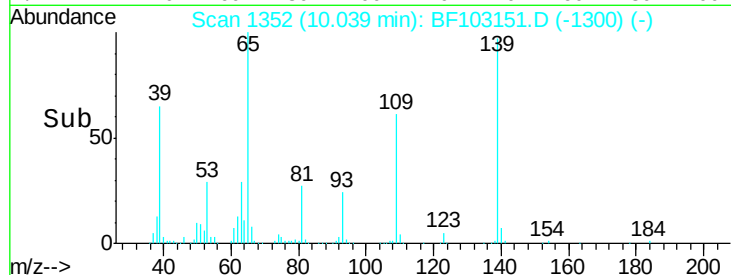
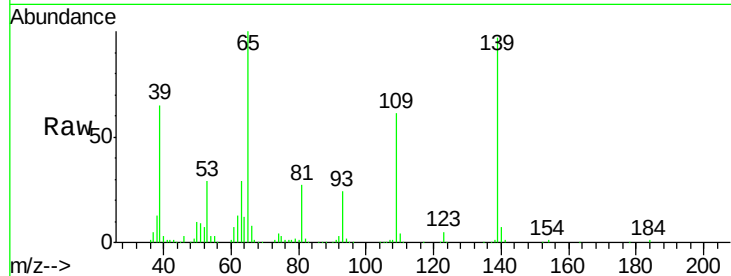
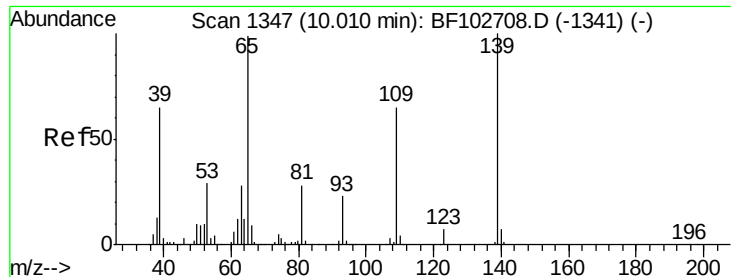
Tot Ion:184 Resp: 41896
Ion Ratio Lower Upper
184 100
63 75.0 54.2 81.2
154 66.3 184.0 276.0#



#54
Dibenzofuran
Concen: 38.078 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion:168 Resp: 903364
Ion Ratio Lower Upper
168 100
139 40.6 30.1 45.1
169 13.7 10.9 16.3

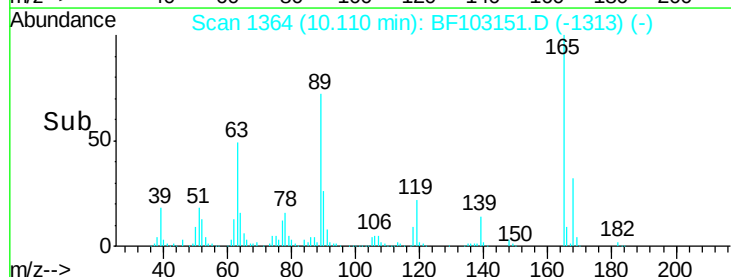
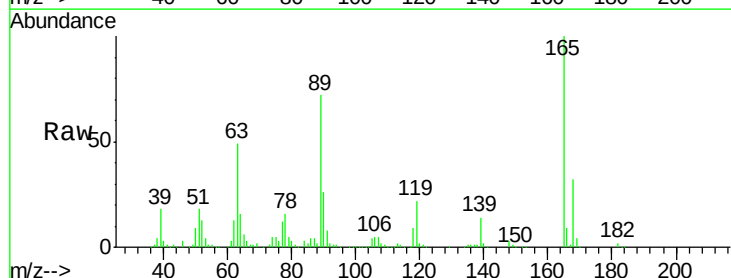
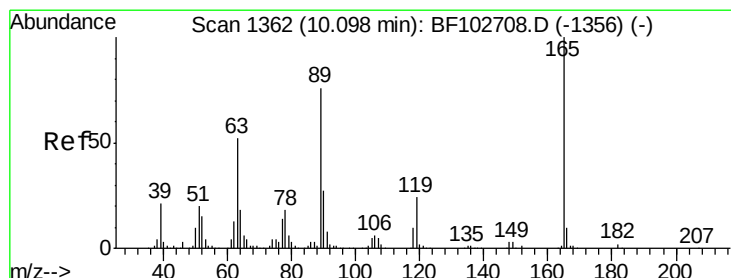
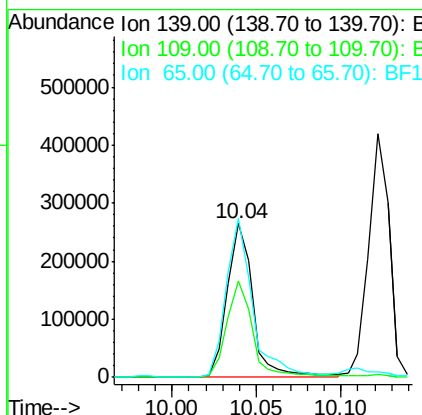




#55
4-Nitrophenol
Concen: 69.570 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

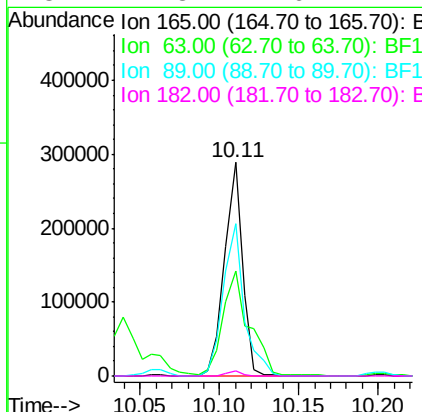
Instrument :
BNA_F
ClientSampleId :

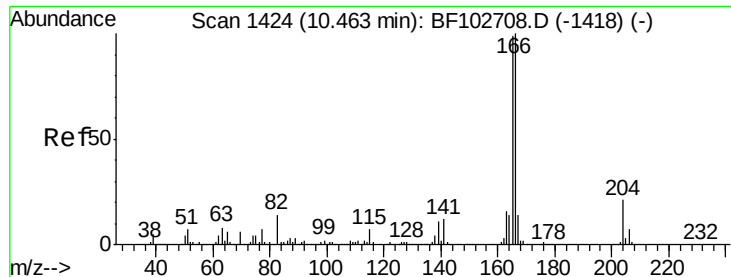
Tot Ion:139 Resp: 282962
Ion Ratio Lower Upper
139 100
109 62.7 48.4 88.4
65 103.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.362 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion:165 Resp: 228260
Ion Ratio Lower Upper
165 100
63 48.9 36.4 54.6
89 71.6 57.8 86.6
182 2.3 1.6 2.4

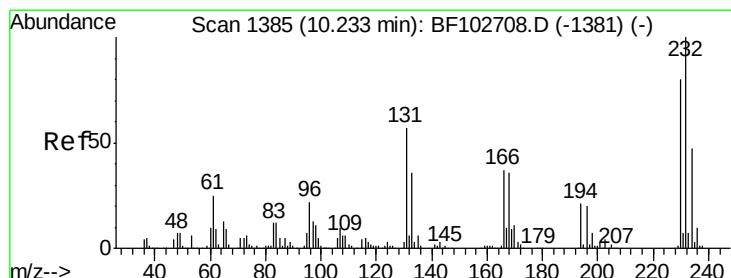
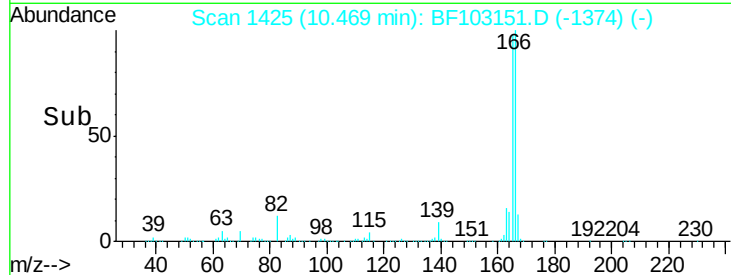
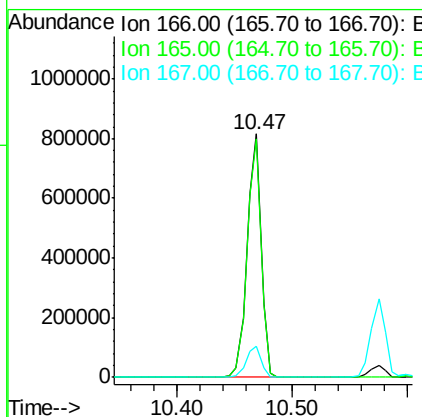
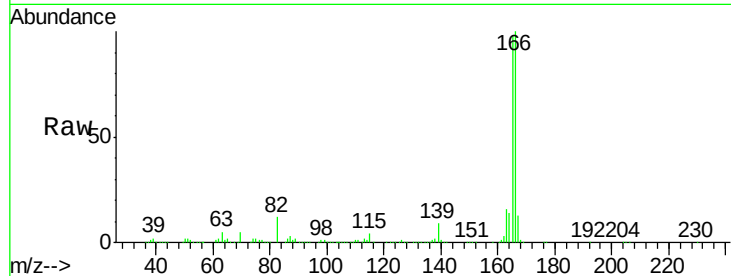




#57
 Fluorene
 Concen: 39.732 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

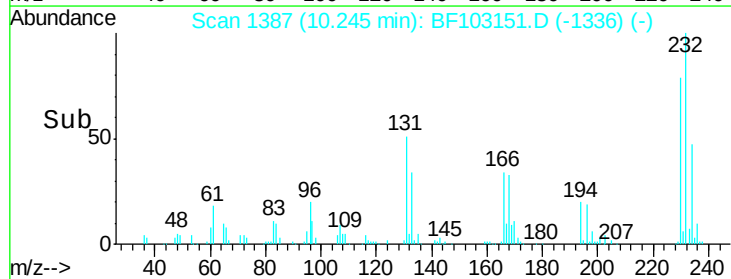
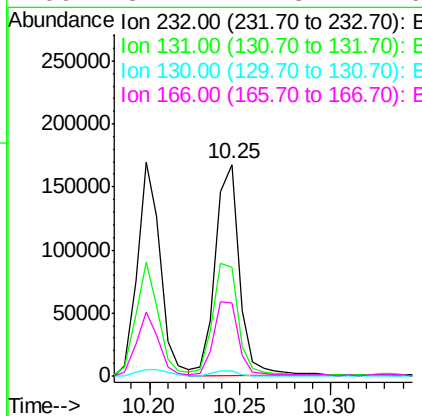
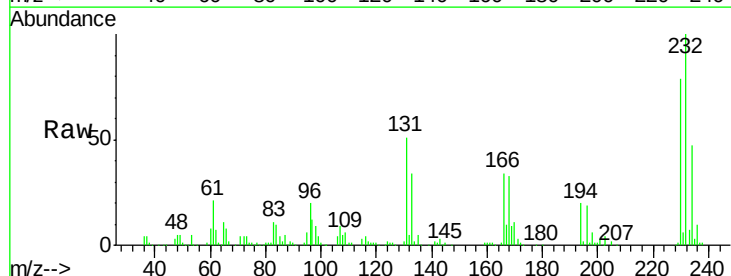
Instrument :
 BNA_F
 ClientSampleId :

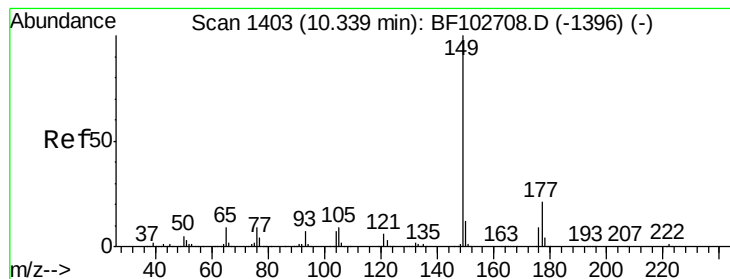
Tot Ion:166 Resp: 685816
 Ion Ratio Lower Upper
 166 100
 165 97.9 79.8 119.8
 167 12.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.374 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion:232 Resp: 154170
 Ion Ratio Lower Upper
 232 100
 131 57.1 43.8 65.8
 130 2.6 2.1 3.1
 166 37.1 27.8 41.6





#59

Diethylphthalate

Concen: 38.737 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

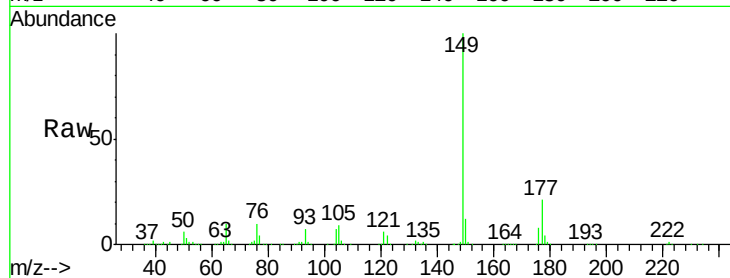
Tot Ion:149 Resp: 815142

Ion Ratio Lower Upper

149 100

177 20.7 16.1 24.1

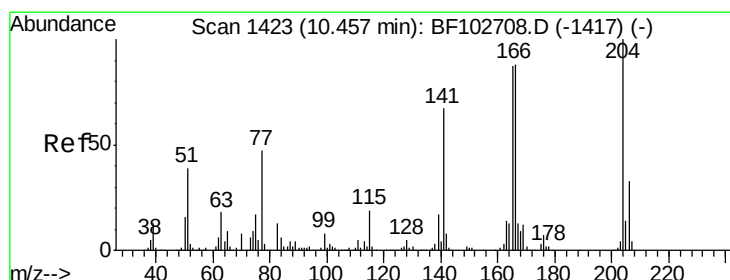
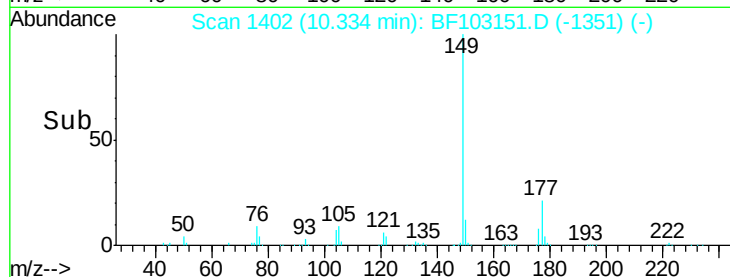
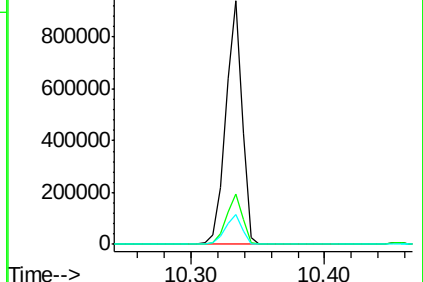
150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.889 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

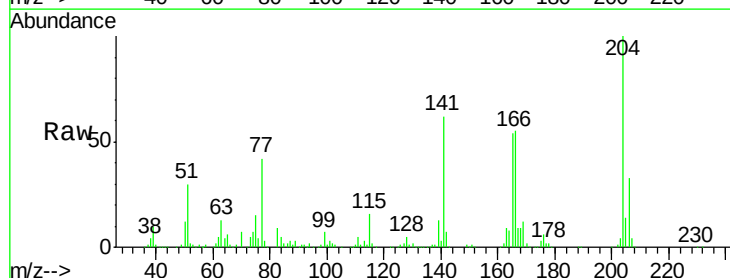
Tgt Ion:204 Resp: 312219

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

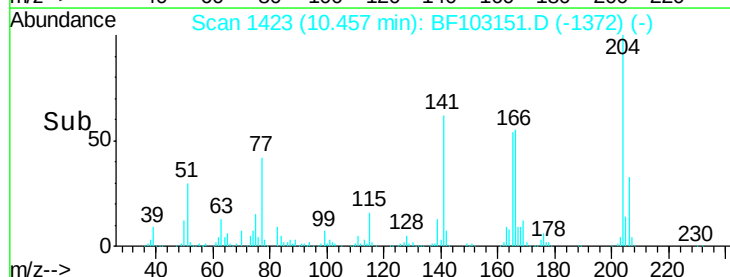
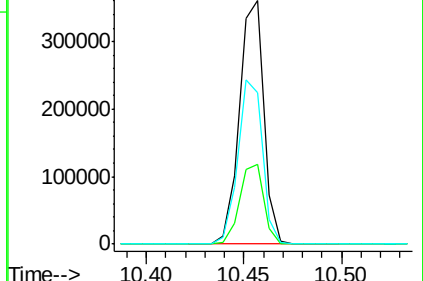
141 62.4 54.6 81.8

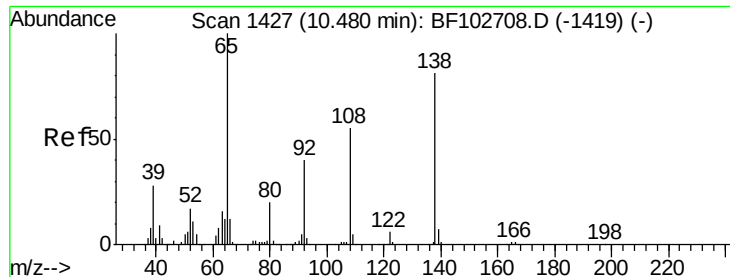


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

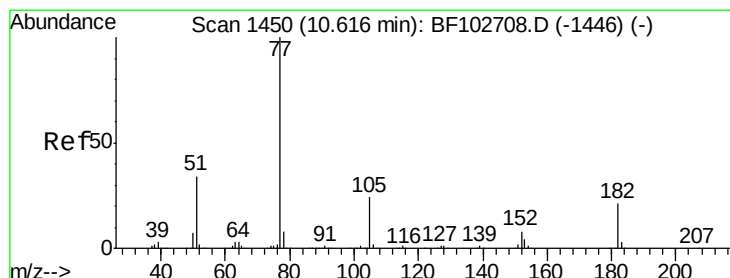
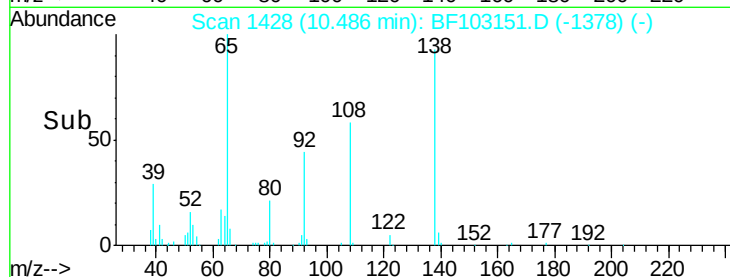
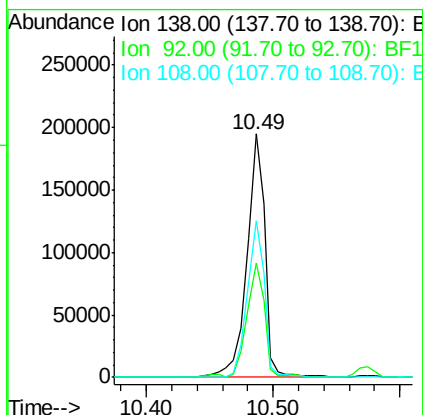
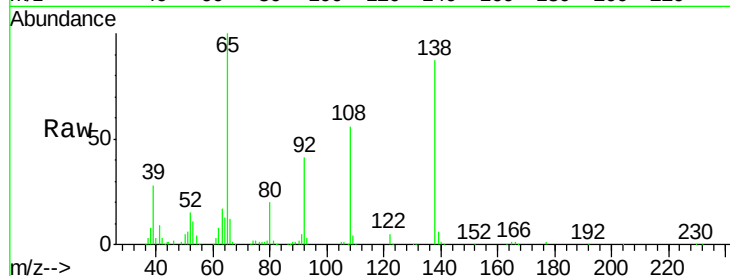




#61
4-Nitroaniline
Concen: 40.480 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

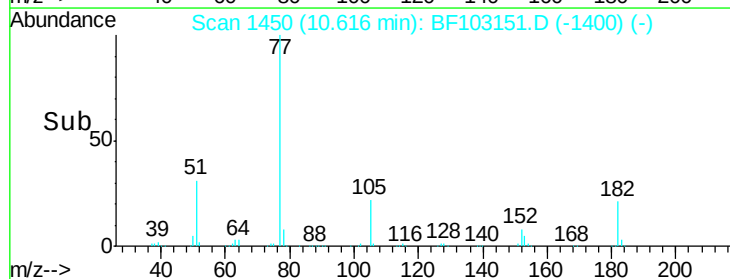
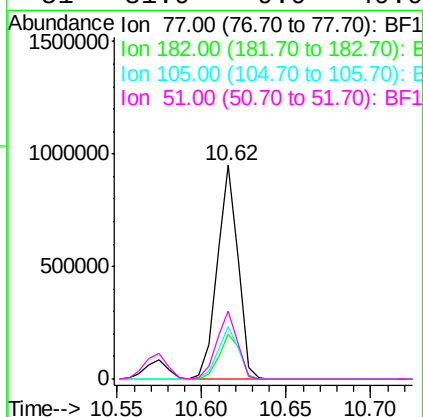
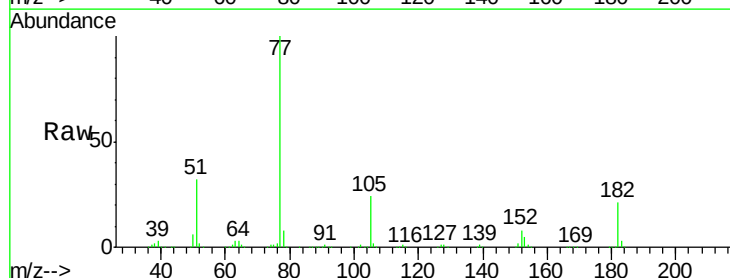
Instrument :
BNA_F
ClientSampled :

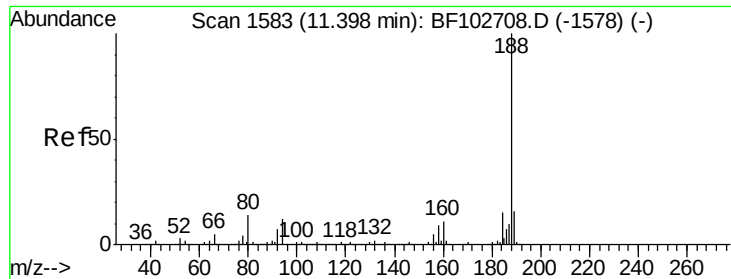
Tot Ion:138 Resp: 192231
Ion Ratio Lower Upper
138 100
92 47.2 30.2 70.2
108 64.4 52.5 92.5



#62
Azobenzene
Concen: 38.654 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion: 77 Resp: 812587
Ion Ratio Lower Upper
77 100
182 21.1 1.7 41.7
105 24.4 3.0 43.0
51 31.9 9.9 49.9

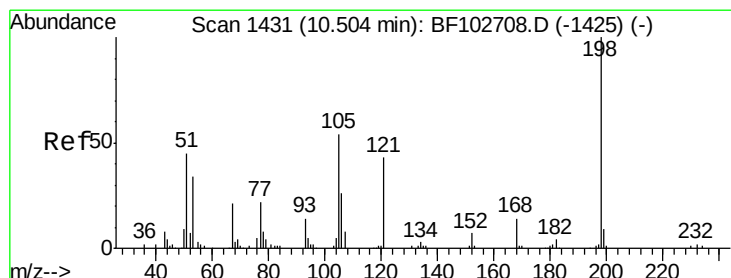
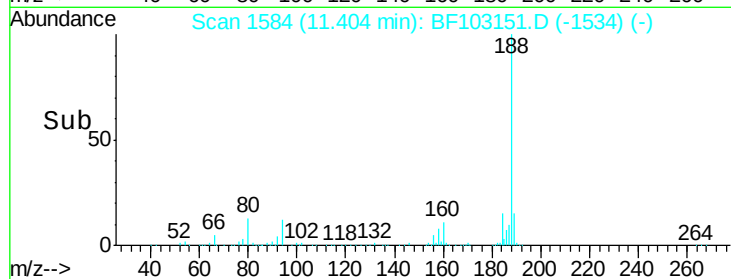
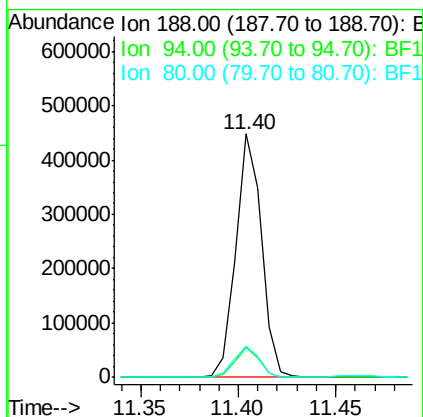
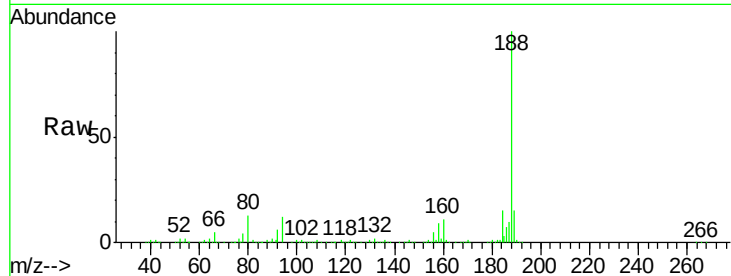




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

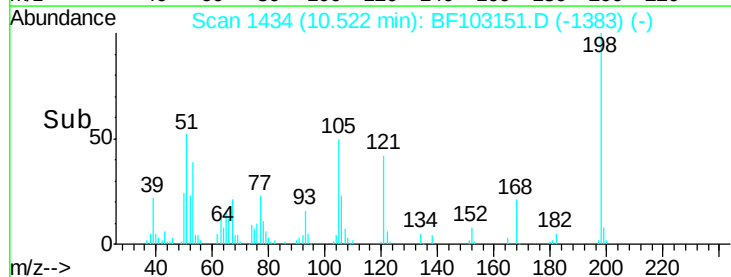
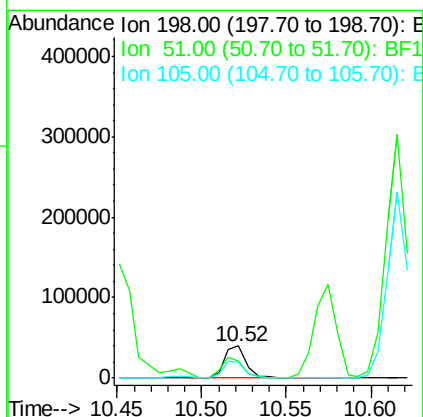
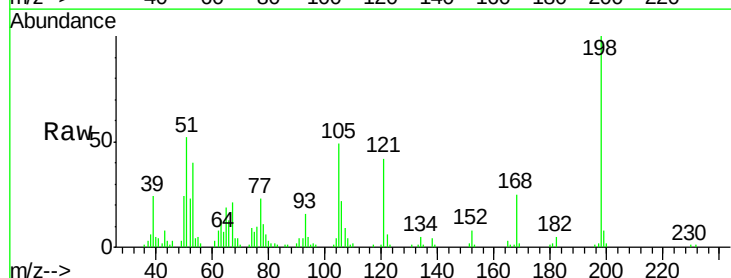
Instrument :
BNA_F
ClientSampleId :

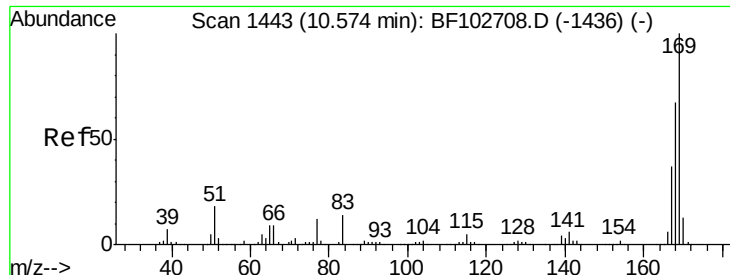
Tot Ion:188 Resp: 408881
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 12.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 27.097 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion:198 Resp: 35711
Ion Ratio Lower Upper
198 100
51 51.8 37.7 77.7
105 49.5 36.3 76.3

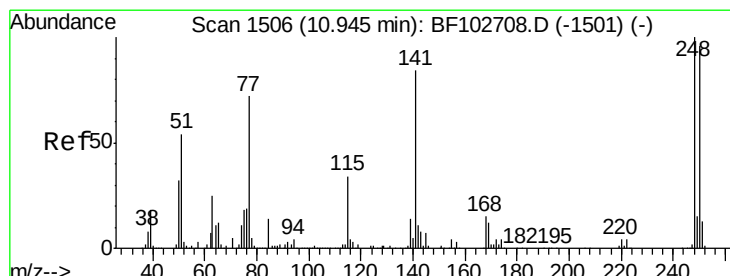
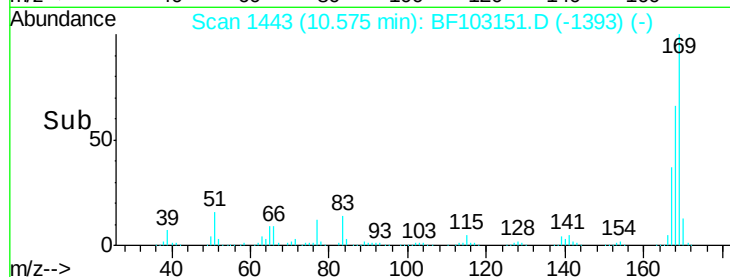
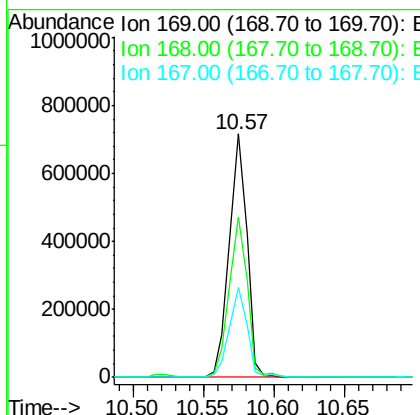
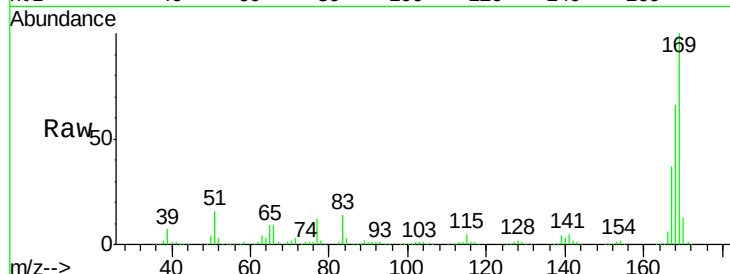




#65
 n-Nitrosodiphenylamine
 Concen: 43.571 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

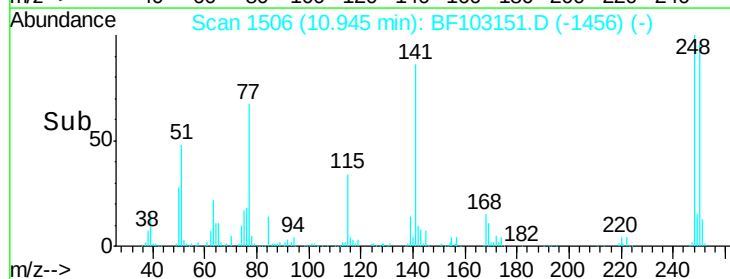
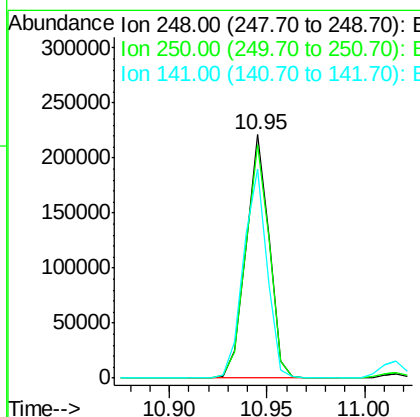
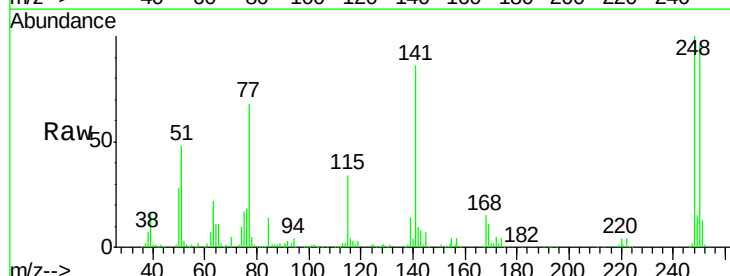
Instrument :
 BNA_F
 ClientSampled :

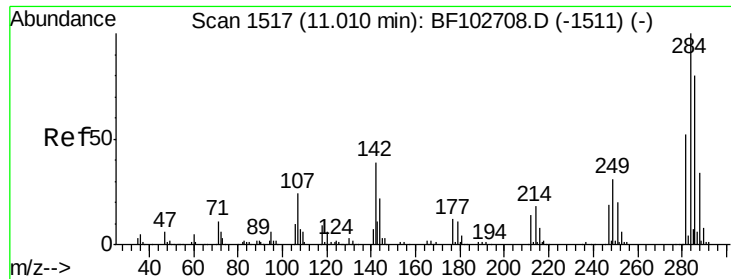
Tot Ion	169	Resp	628395
Ion Ratio	100		
Lower	54.4		
Upper	81.6		
168	65.8		
167	37.0		



#66
 4-Bromophenyl-phenylether
 Concen: 42.048 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion	248	Resp	181866
Ion Ratio	100		
Lower	76.9		
Upper	115.3		
250	96.0		
141	85.8		

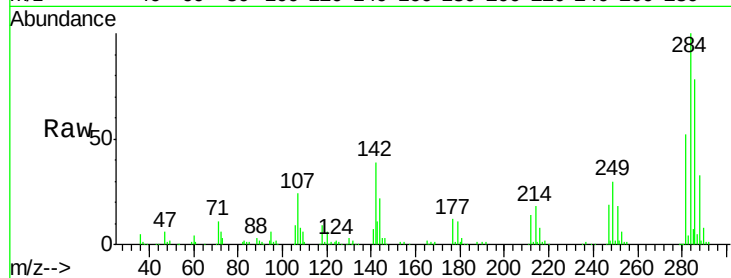




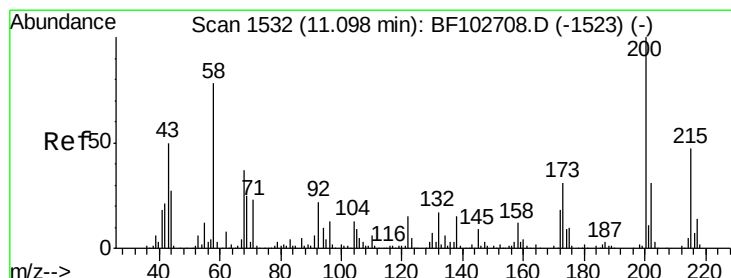
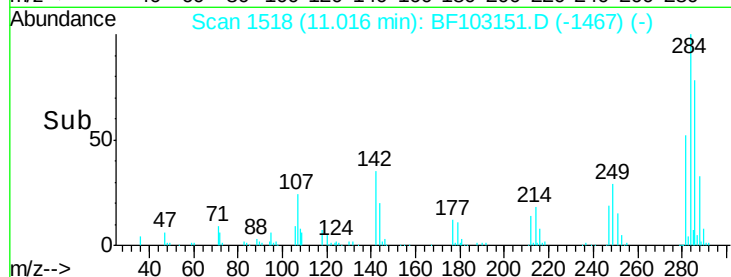
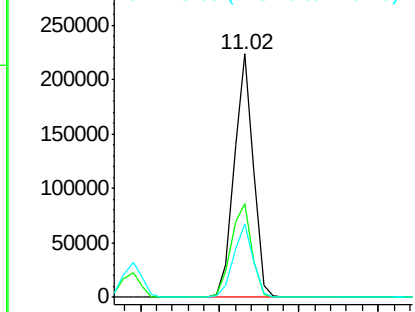
#67
Hexachlorobenzene
Concen: 39.103 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 186582
Ion Ratio Lower Upper
284 100
142 38.7 34.6 52.0
249 30.3 24.8 37.2

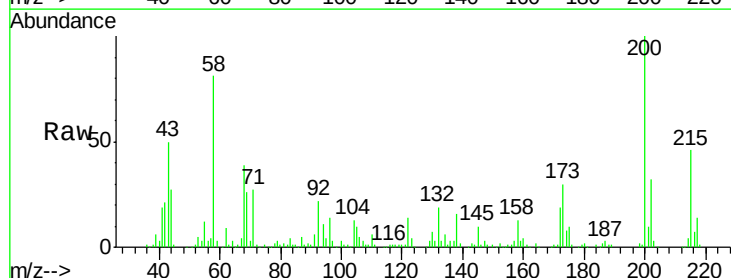


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

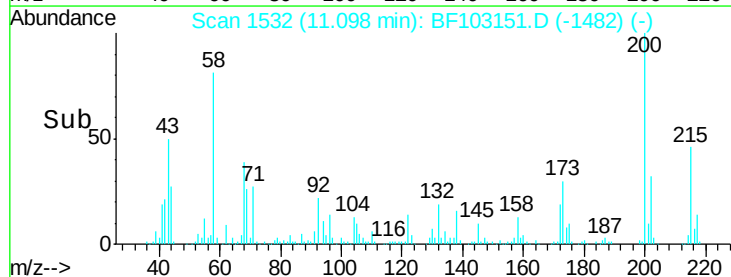
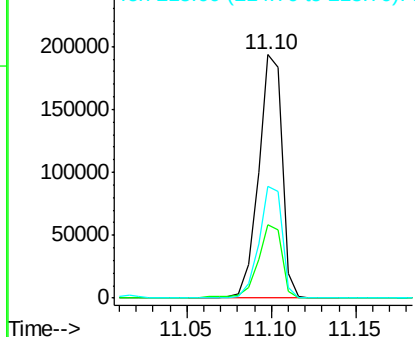


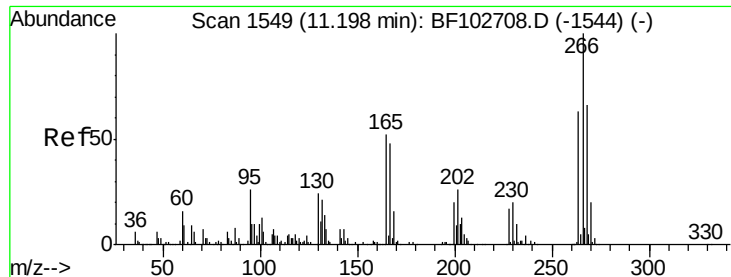
#68
Atrazine
Concen: 44.149 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion:200 Resp: 187845
Ion Ratio Lower Upper
200 100
173 30.2 8.6 48.6
215 45.9 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

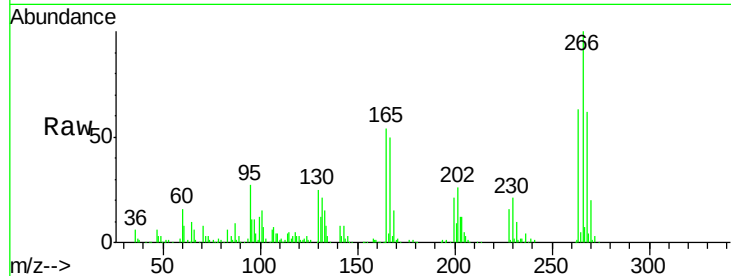




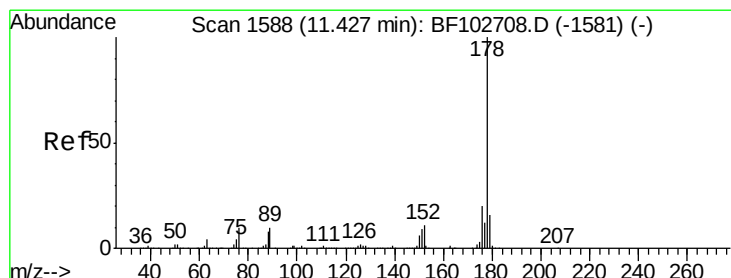
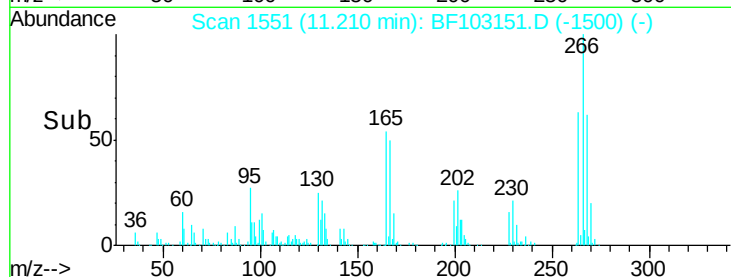
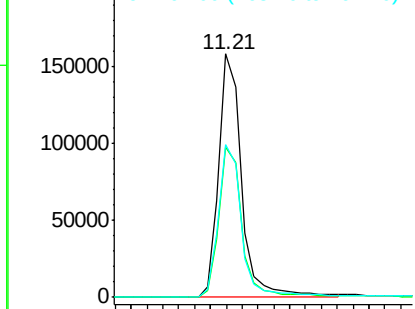
#69
 Pentachlorophenol
 Concen: 57.091 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 159910
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.1 76.7
 264 62.6 49.5 74.3

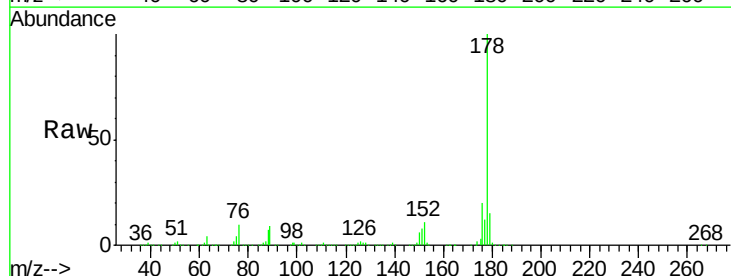


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

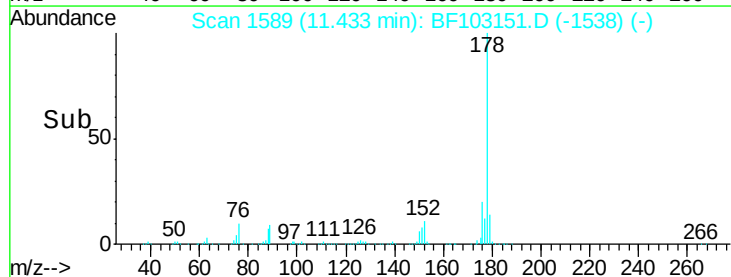
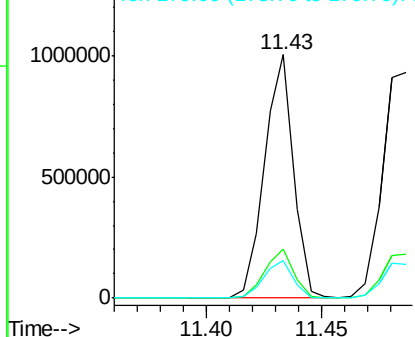


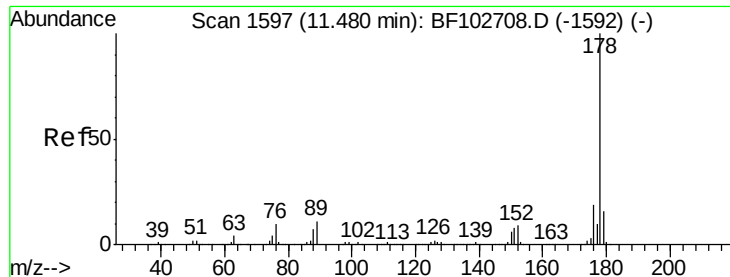
#70
 Phenanthrene
 Concen: 38.439 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion:178 Resp: 875335
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.2 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

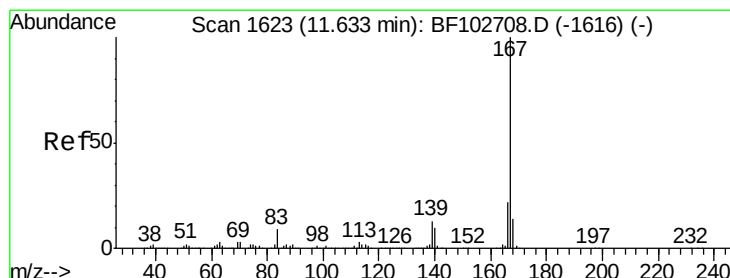
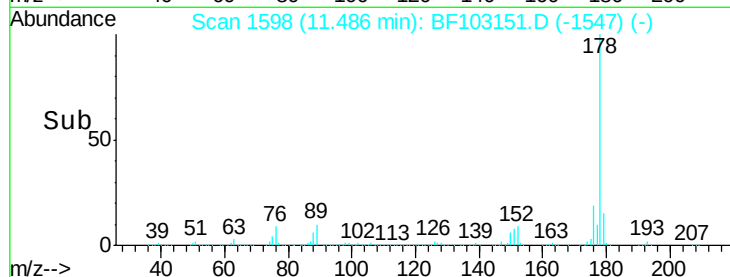
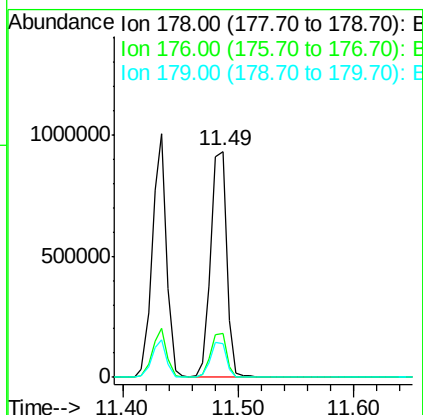
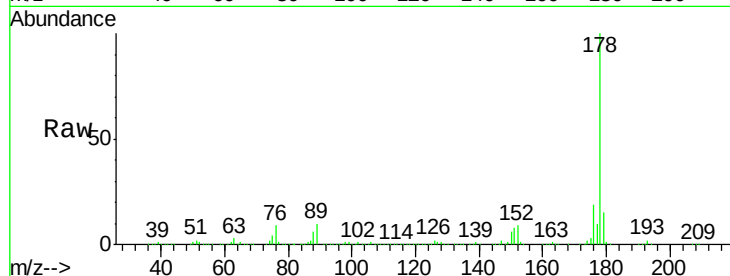




#71
 Anthracene
 Concen: 39.146 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

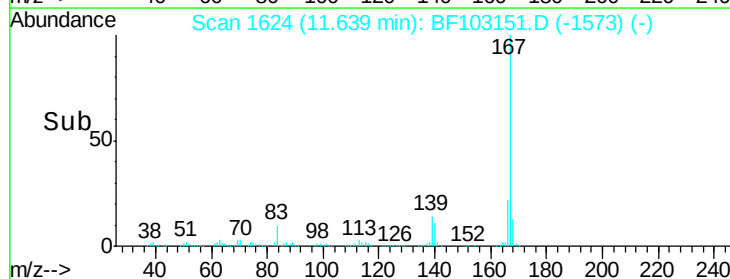
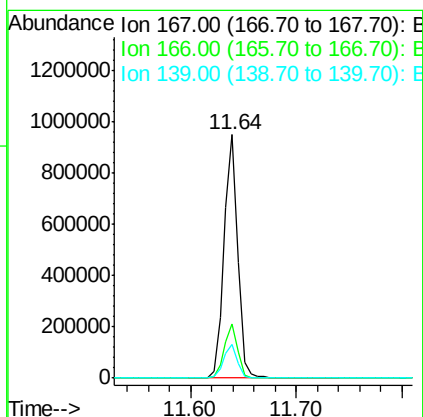
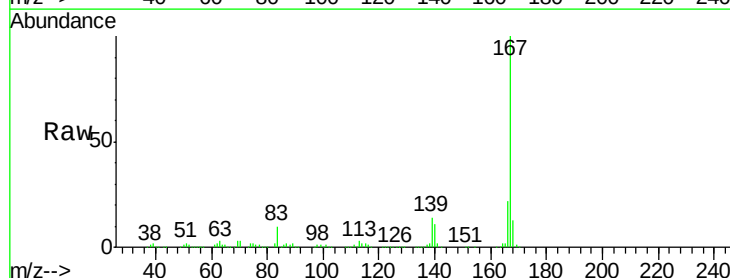
Instrument :
 BNA_F
 ClientSampleId :

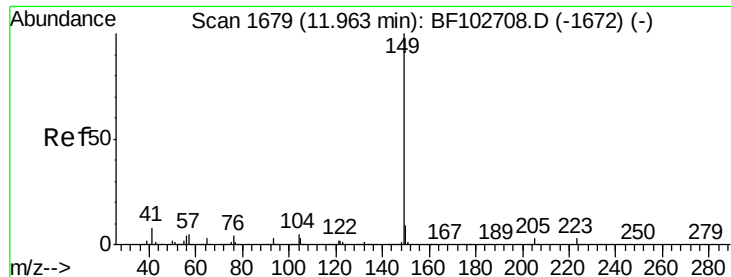
Tot Ion:178 Resp: 906665
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 14.9 12.6 19.0



#72
 Carbazole
 Concen: 38.046 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion:167 Resp: 863302
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.004 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

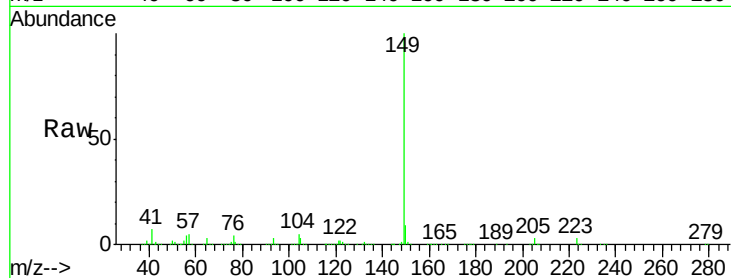
Tot Ion:149 Resp: 1185327

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

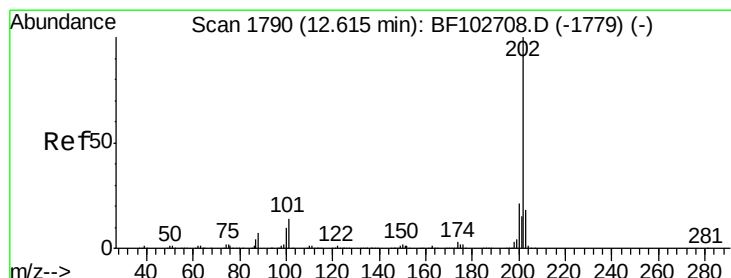
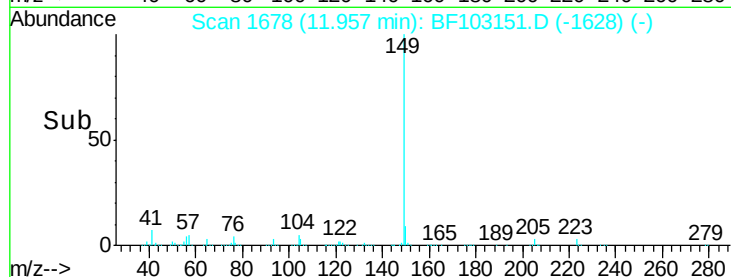
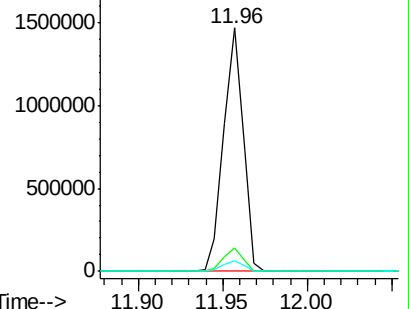
104 4.6 3.8 5.8



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: 35.402 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

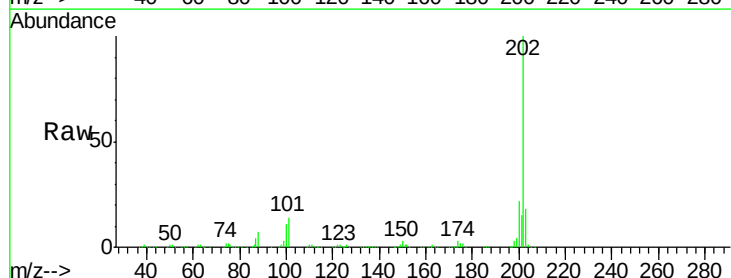
Tgt Ion:202 Resp: 811095

Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.1

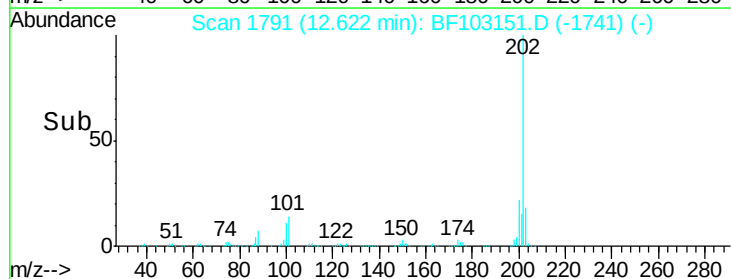
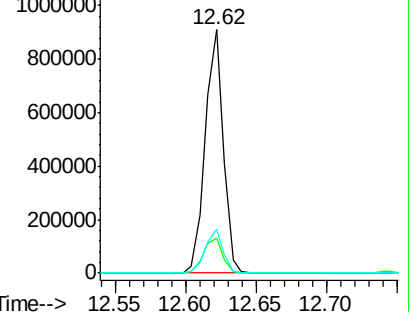
203 17.9 0.0 38.1

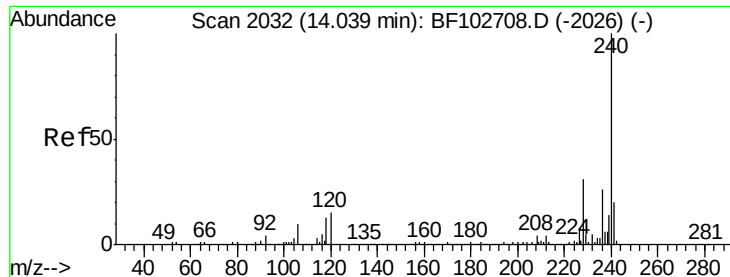


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

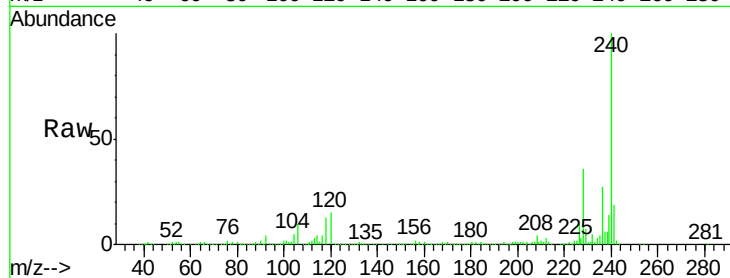
Tot Ion:240 Resp: 264098

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

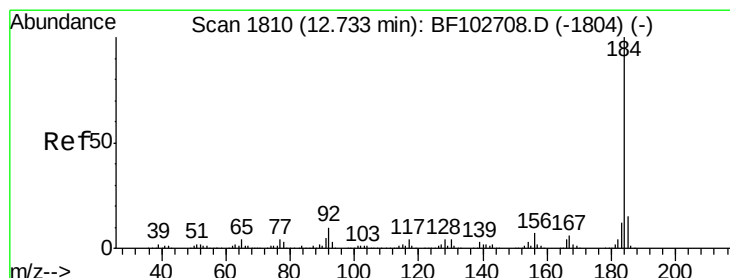
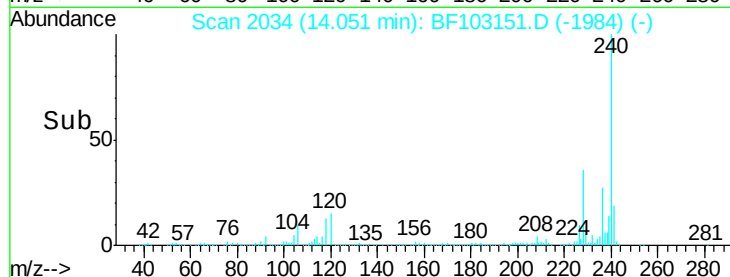
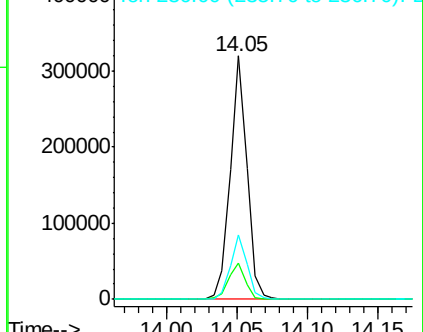
236 26.6 20.7 31.1



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: 52.898 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

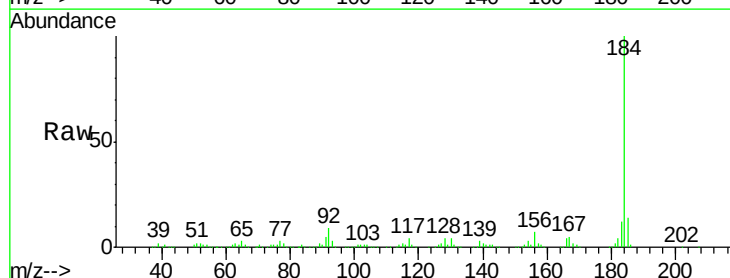
Tgt Ion:184 Resp: 642072

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

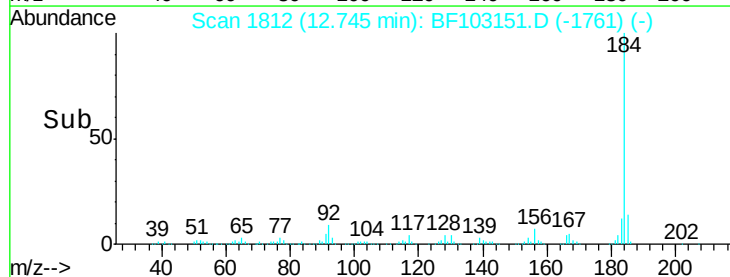
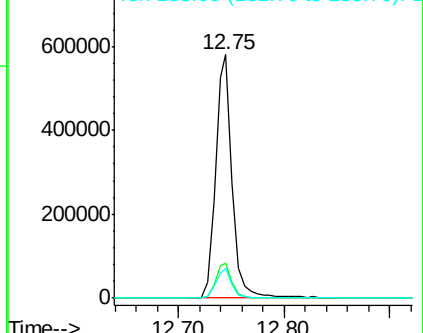
183 12.1 9.3 13.9

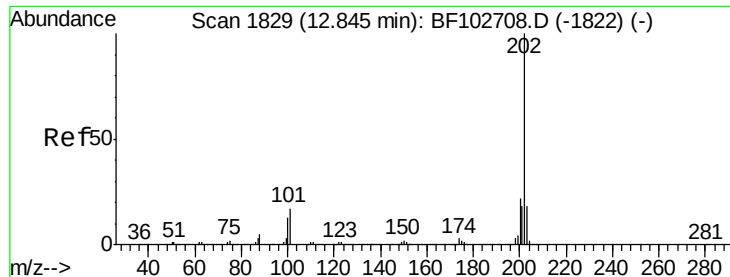


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

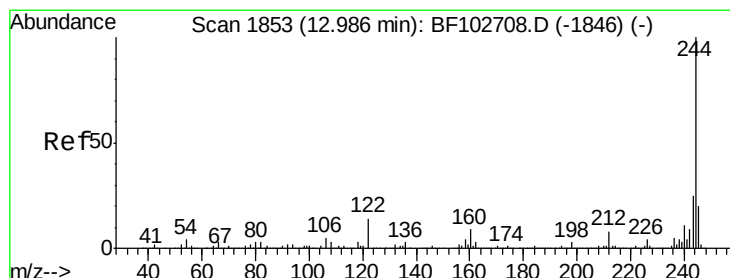
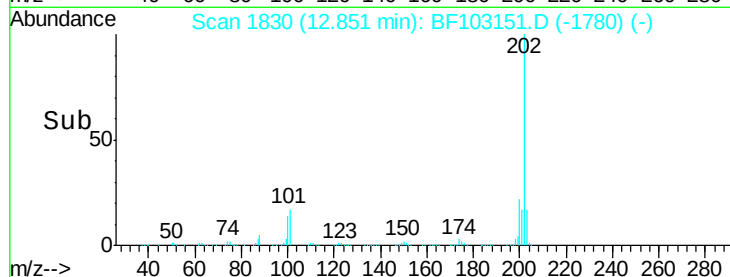
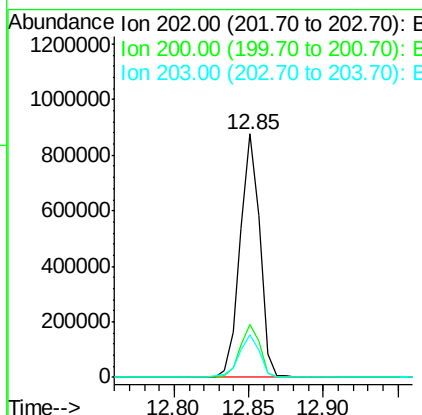
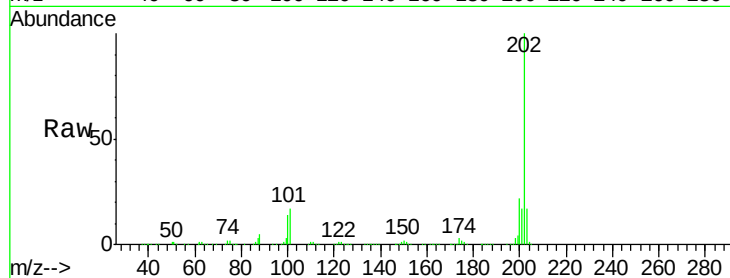




#77
Pvrene
Concen: 39.086 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

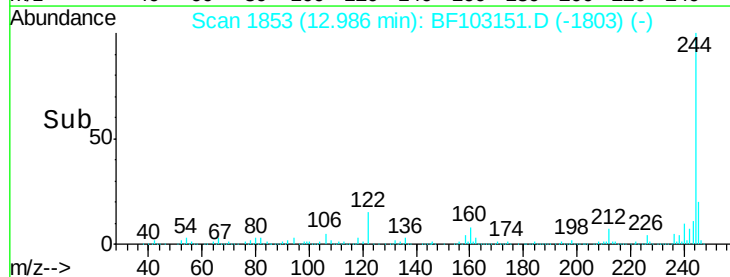
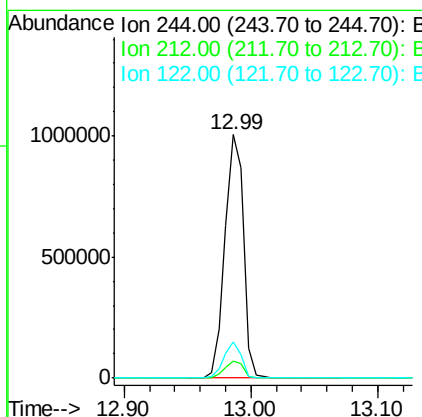
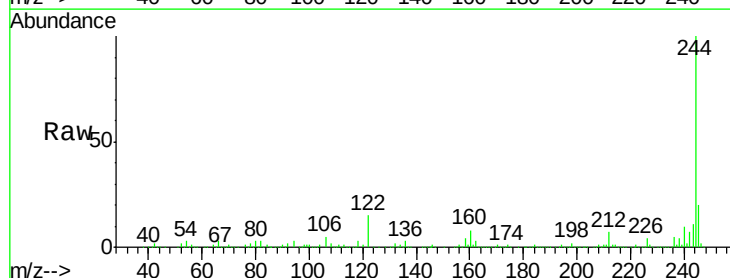
Instrument :
BNA_F
ClientSampled :

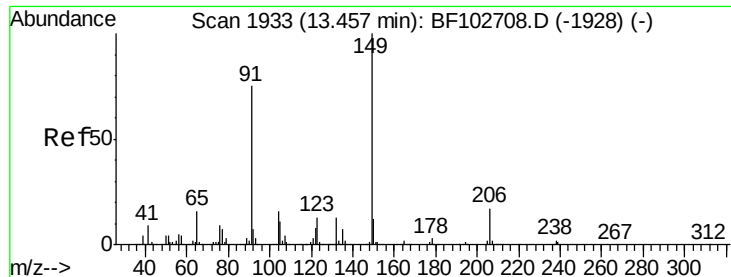
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.3	14.3	21.5



#78
Terphenyl-d14
Concen: 91.054 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	15.1	11.0	16.4

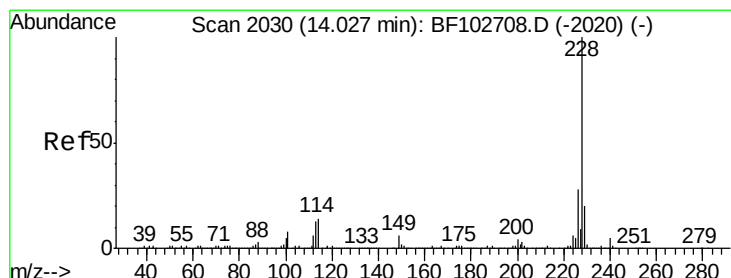
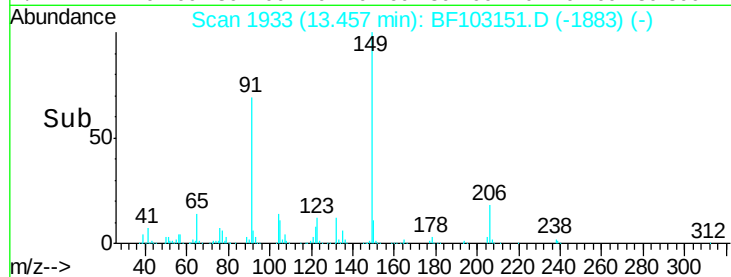
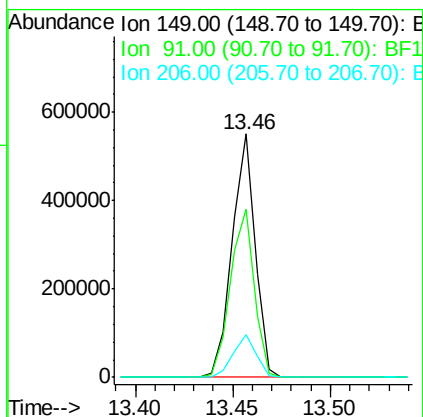
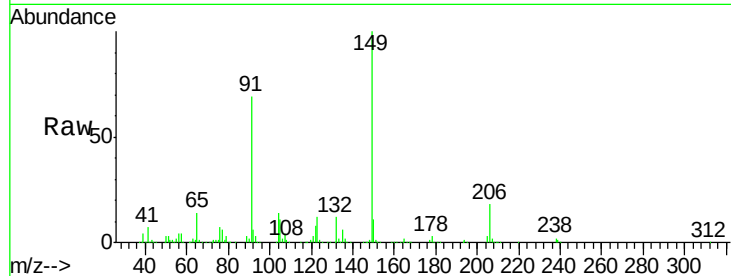




#79
Butylbenzylphthalate
Concen: 45.715 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

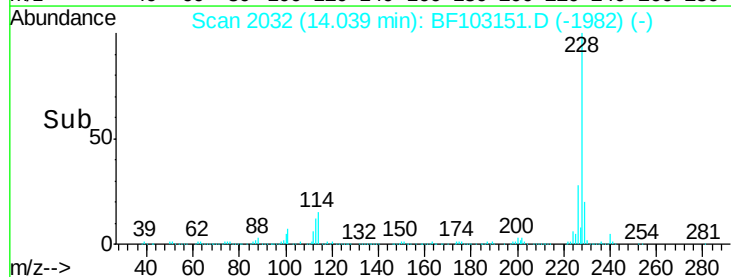
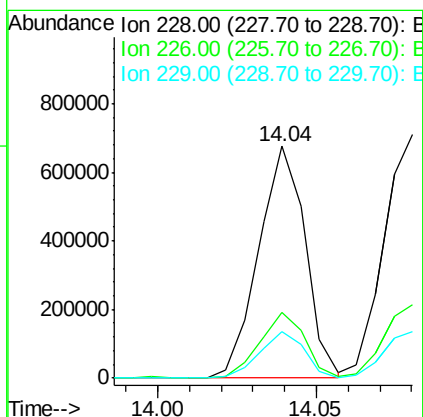
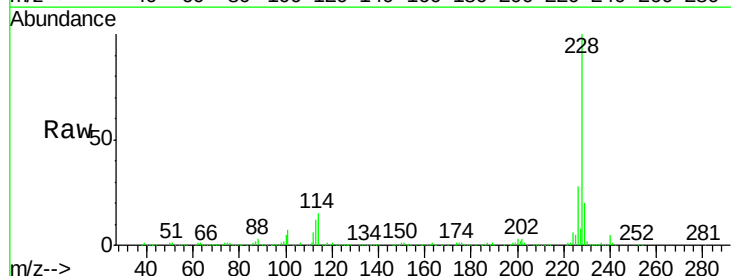
Instrument :
BNA_F
ClientSampleId :

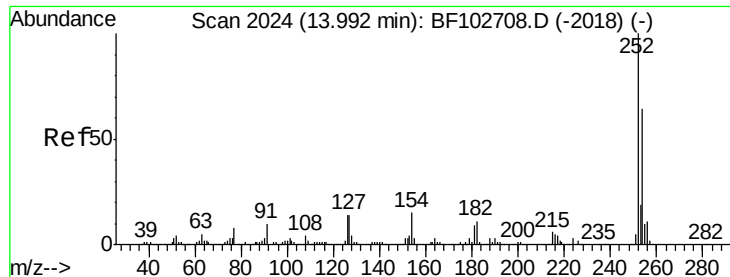
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.0	56.8	85.2
206	17.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 41.619 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.9	15.8	23.6

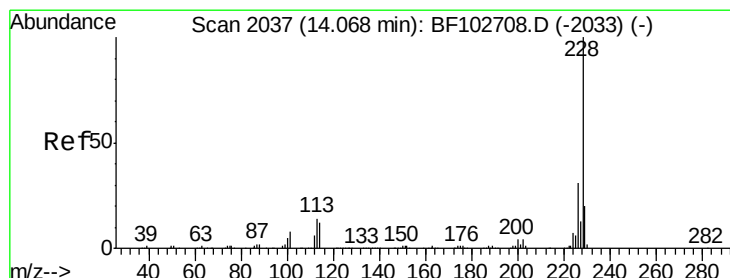
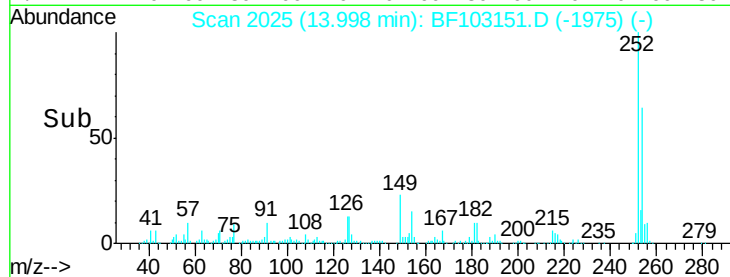
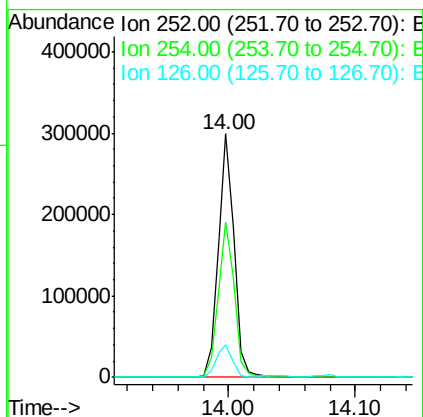
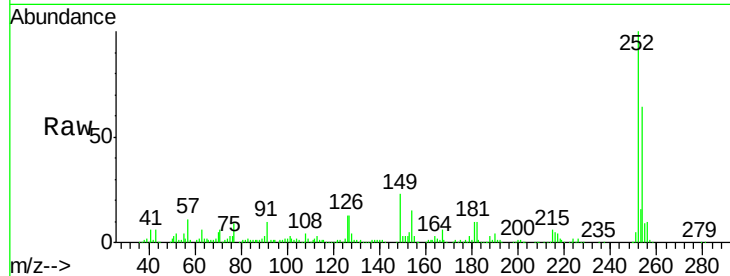




#81
 3,3'-Dichlorobenzidine
 Concen: 43.099 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

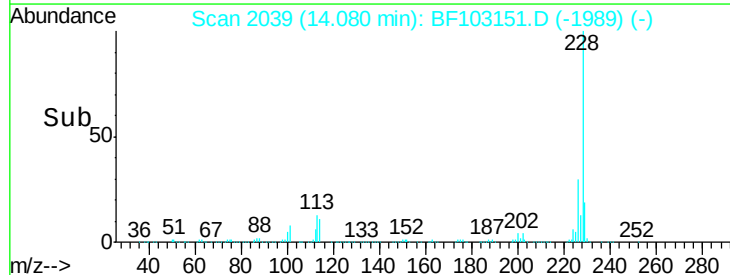
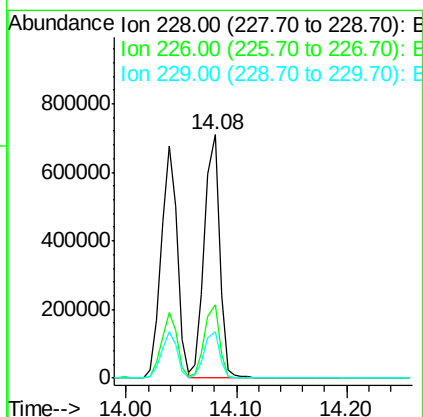
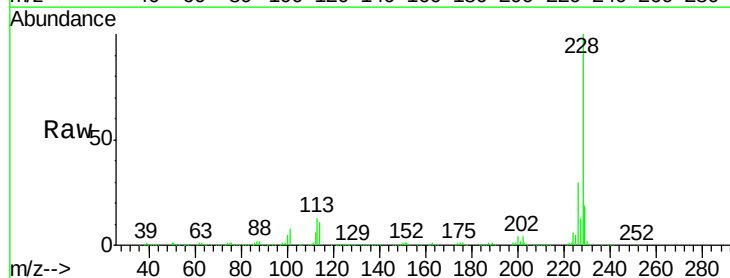
Instrument :
 BNA_F
 ClientSampleId :

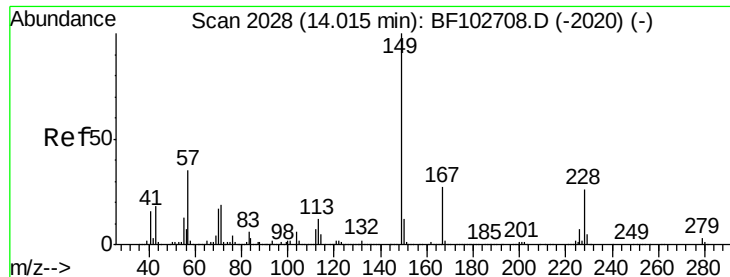
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.4	75.6
126	13.2	11.3	16.9



#82
 Chrysene
 Concen: 39.527 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.157 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :

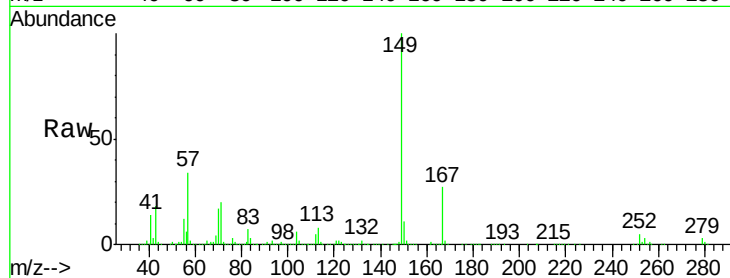
Tot Ion:149 Resp: 610941

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

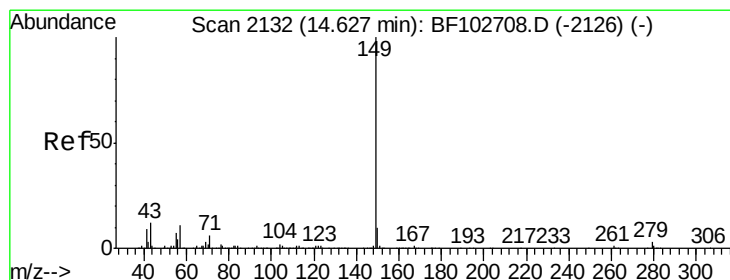
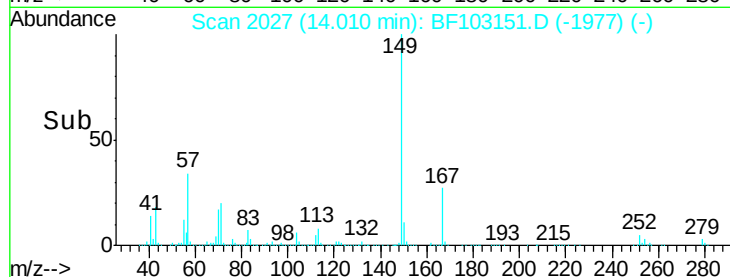
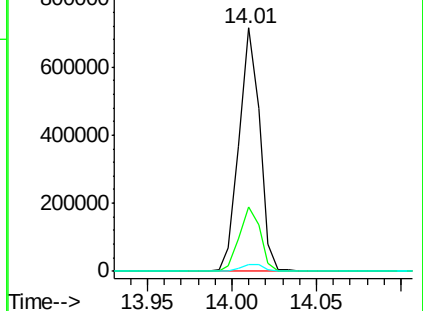
279 3.0 3.0 4.4



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: 54.475 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

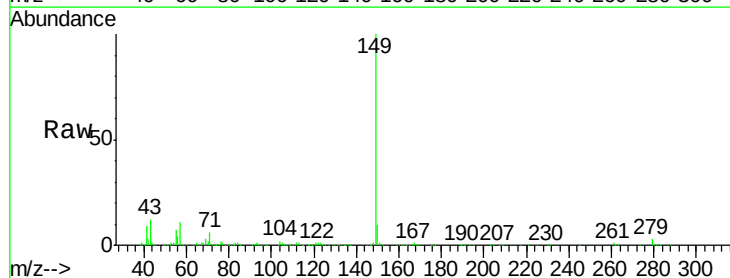
Tgt Ion:149 Resp: 1037684

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

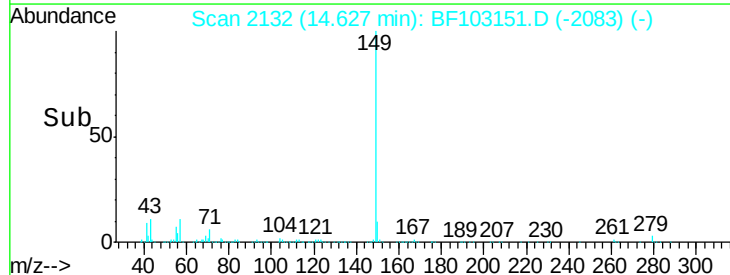
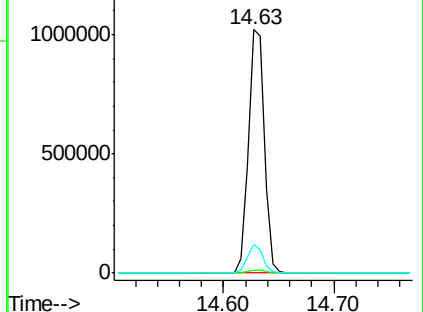
43 11.1 8.4 12.6

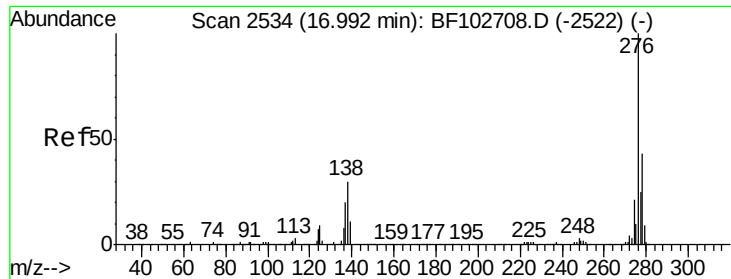


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

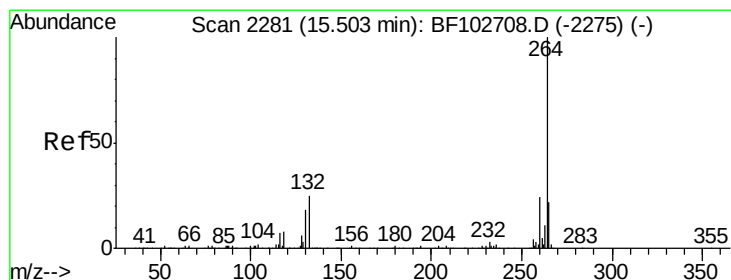
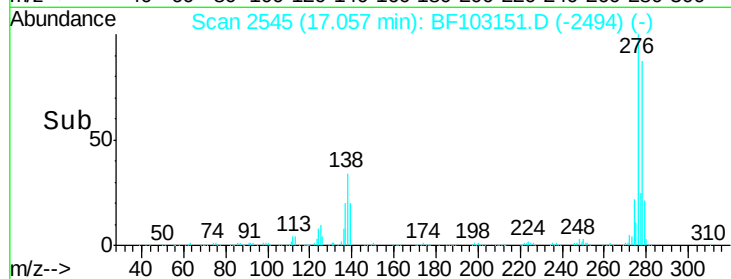
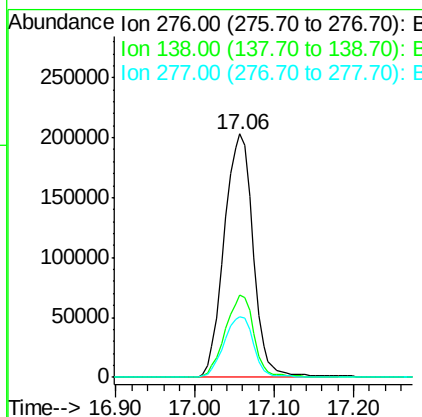
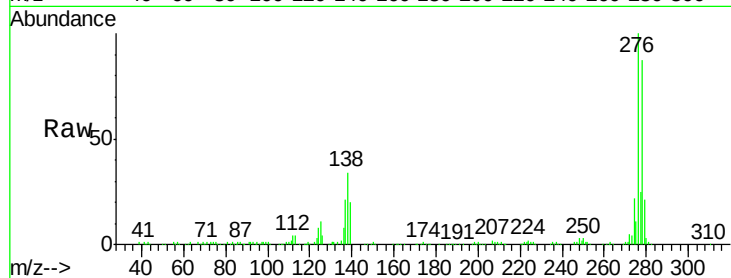




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.092 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

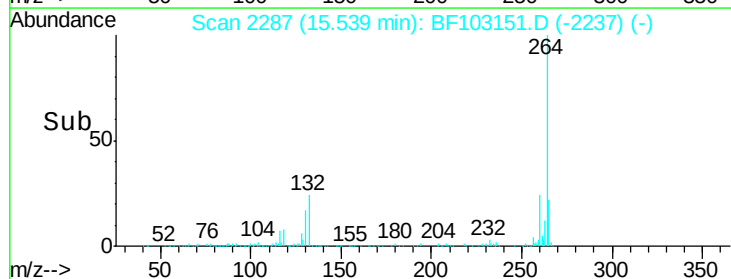
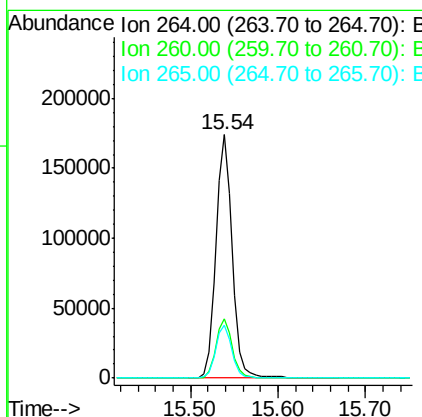
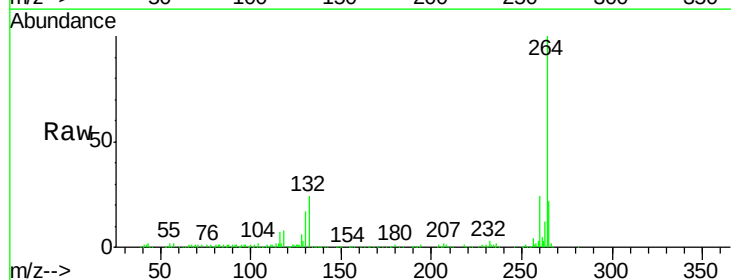
Instrument :
 BNA_F
 ClientSampled :

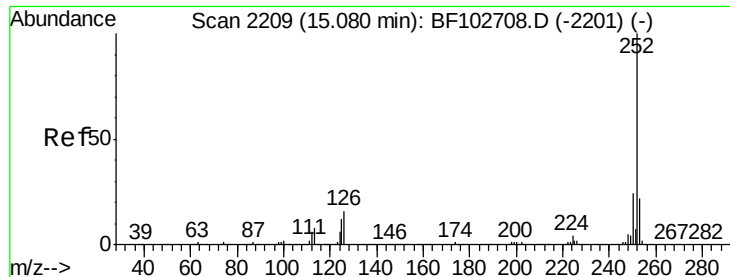
Tot Ion:276 Resp: 515070
 Ion Ratio Lower Upper
 276 100
 138 33.5 25.0 37.6
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF103151.D
 Acq: 21 Feb 2018 21:52

Tgt Ion:264 Resp: 224766
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.7 17.5 26.3

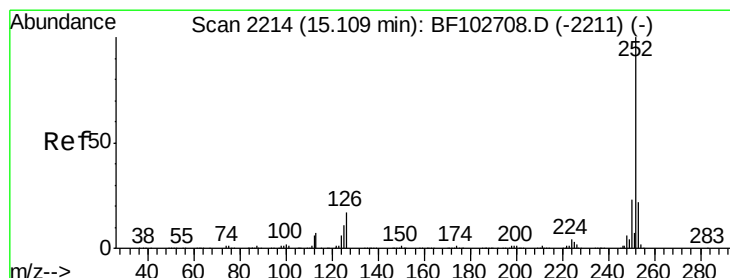
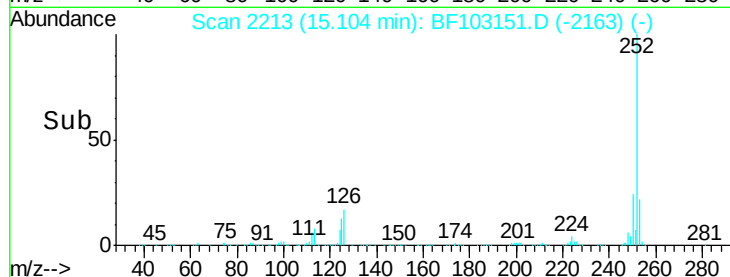
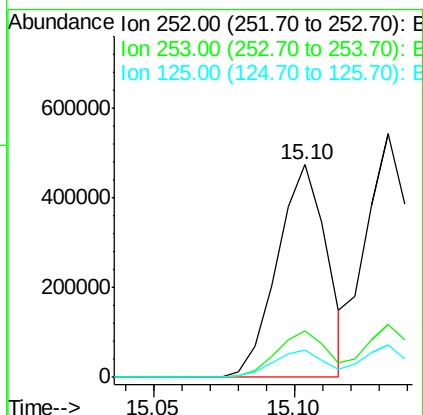
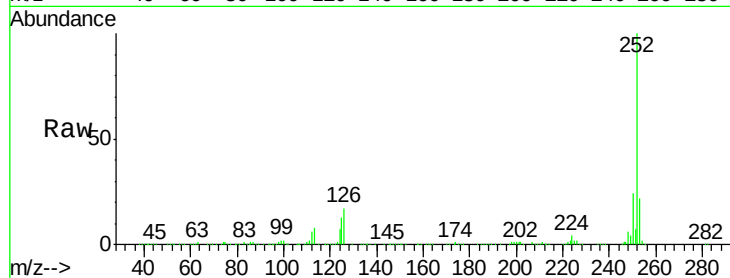




#87
Benzo(b)fluoranthene
Concen: 39.695 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

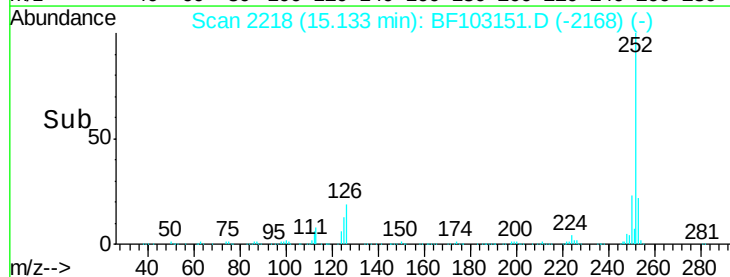
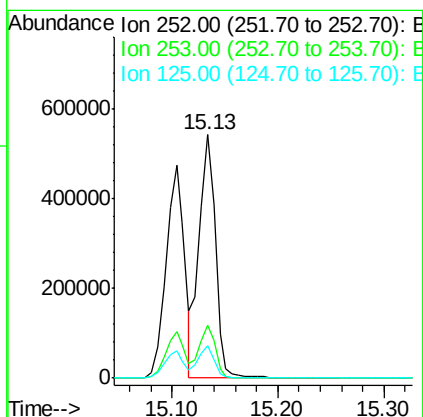
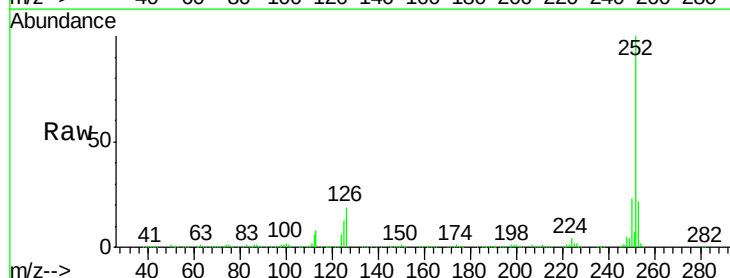
Instrument :
BNA_F
ClientSampleId :

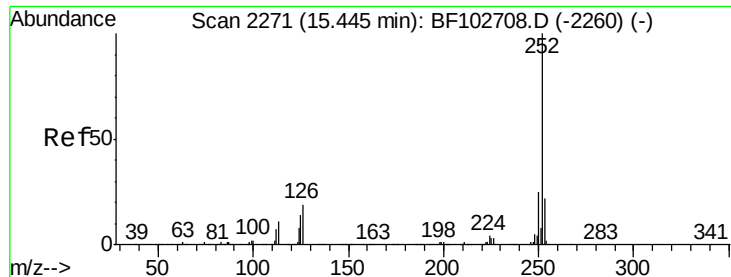
Tot Ion:252 Resp: 578447
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.851 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion:252 Resp: 582727
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 13.1 10.2 15.2

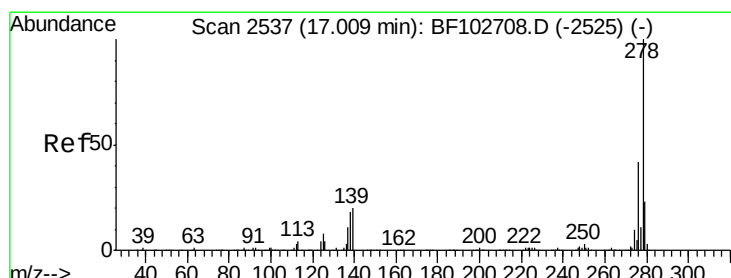
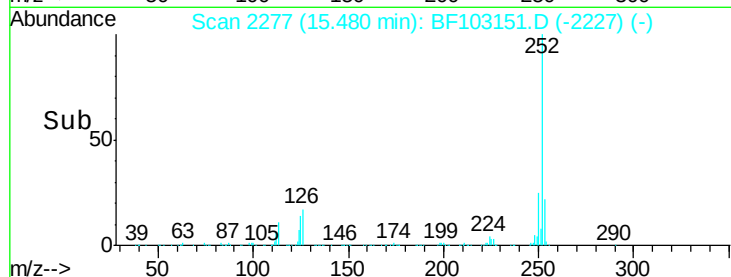
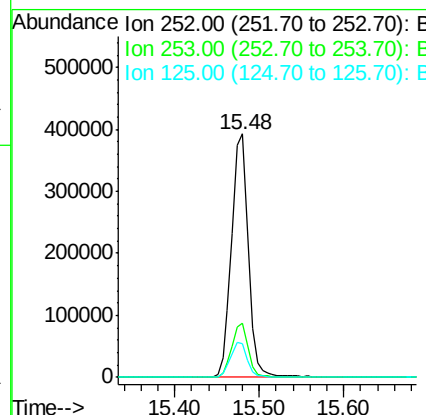
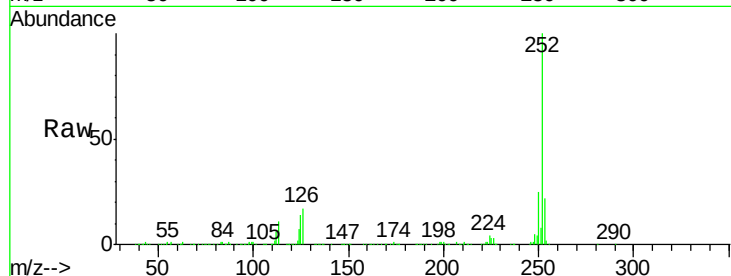




#89
Benzo(a)pyrene
Concen: 41.039 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

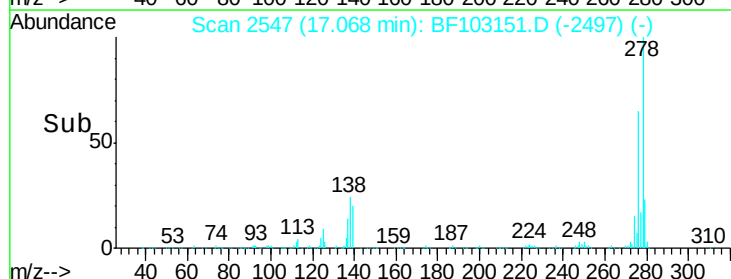
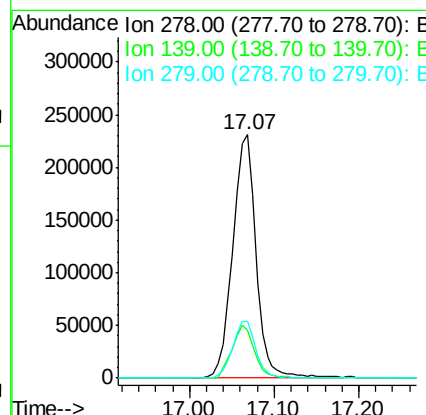
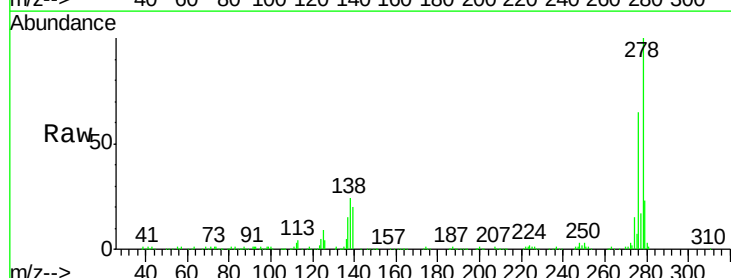
Instrument :
BNA_F
ClientSampleId :

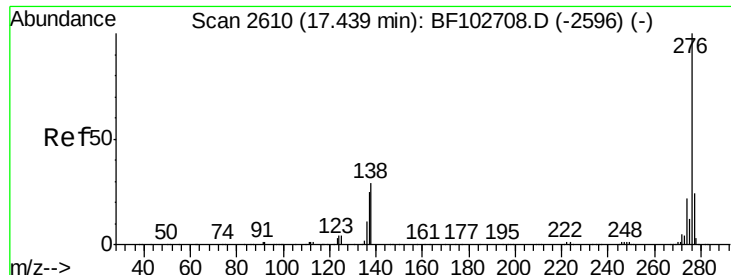
Tot Ion:252 Resp: 538308
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 13.7 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 41.247 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BF103151.D
Acq: 21 Feb 2018 21:52

Tgt Ion:278 Resp: 439143
Ion Ratio Lower Upper
278 100
139 19.7 15.9 23.9
279 23.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 41.364 ng

RT: 17.52 min Scan# 2623

Delta R.T. -0.01 min

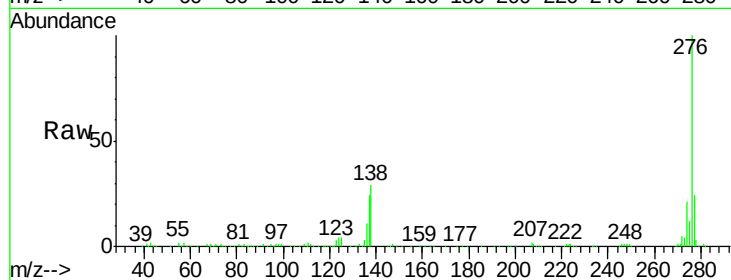
Lab File: BF103151.D

Acq: 21 Feb 2018 21:52

Instrument :

BNA_F

ClientSampleId :



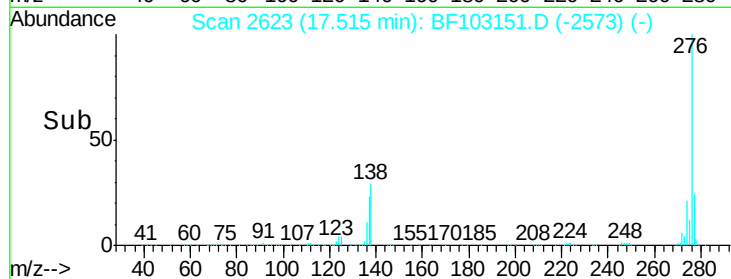
Tot Ion: 276 Resp: 431050

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 29.1 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

