

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103257.D
 Acq On : 27 Feb 2018 12:42
 Operator : SJ/JU
 Sample : TEST BS01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 16:51:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	117984	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	520952	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	235320	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	421560	20.00	ng	0.00
75) Chrysene-d12	14.06	240	313379	20.00	ng	0.00
86) Perylene-d12	15.56	264	306076	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1025958	131.52	ng	0.02
7) Phenol-d6	6.52	99	1242694	130.18	ng	0.01
23) Nitrobenzene-d5	7.44	82	713473	78.21	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	262502	131.79	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1114949	80.61	ng	0.00
78) Terphenyl-d14	12.99	244	1139261	87.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	197820	48.012	ng	90
3) Pyridine	3.49	79	518685	47.155	ng	94
4) n-Nitrosodimethylamine	3.44	42	234458	52.852	ng	97
6) Aniline	6.54	93	467231	33.915	ng	97
8) 2-Chlorophenol	6.66	128	397669	49.071	ng	97
9) Benzaldehyde	6.42	77	188286	30.245	ng	94
10) Phenol	6.53	94	508320	45.871	ng	88
11) bis(2-Chloroethyl)ether	6.61	93	406673	48.353	ng	94
12) 1,3-Dichlorobenzene	6.82	146	417931	45.128	ng	99
13) 1,4-Dichlorobenzene	6.89	146	420605	45.300	ng	98
14) 1,2-Dichlorobenzene	7.05	146	387806	45.297	ng	98
15) Benzyl Alcohol	7.02	79	344735	47.926	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	673334	46.621	ng	98
17) 2-Methylphenol	7.13	107	343588	46.654	ng	98
18) Hexachloroethane	7.38	117	157105	46.480	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	264525	44.526	ng	98
20) 3+4-Methylphenols	7.28	107	390560	43.505	ng	# 69
22) Acetophenone	7.28	105	518177	42.614	ng	# 86
24) Nitrobenzene	7.46	77	443683	44.176	ng	99
25) Isophorone	7.69	82	822079	45.757	ng	97
26) 2-Nitrophenol	7.77	139	229725	48.587	ng	97
27) 2,4-Dimethylphenol	7.81	122	368071	50.929	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	508545	48.144	ng	99
29) 2,4-Dichlorophenol	8.02	162	329592	47.634	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	323638	43.923	ng	99
31) Naphthalene	8.18	128	1124705	44.098	ng	100
32) Benzoic acid	7.95	122	264631	49.160	ng	98
33) 4-Chloroaniline	8.23	127	300582	27.311	ng	99
34) Hexachlorobutadiene	8.29	225	159240	41.502	ng	99
35) Caprolactam	8.64	113	49908	20.523	ng	90
36) 4-Chloro-3-methylphenol	8.72	107	375733	48.144	ng	98
37) 2-Methylnaphthalene	8.87	142	752265	45.638	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	279559	43.456	ng	97
40) Hexachlorocyclopentadiene	9.02	237	202814	88.393	ng	96

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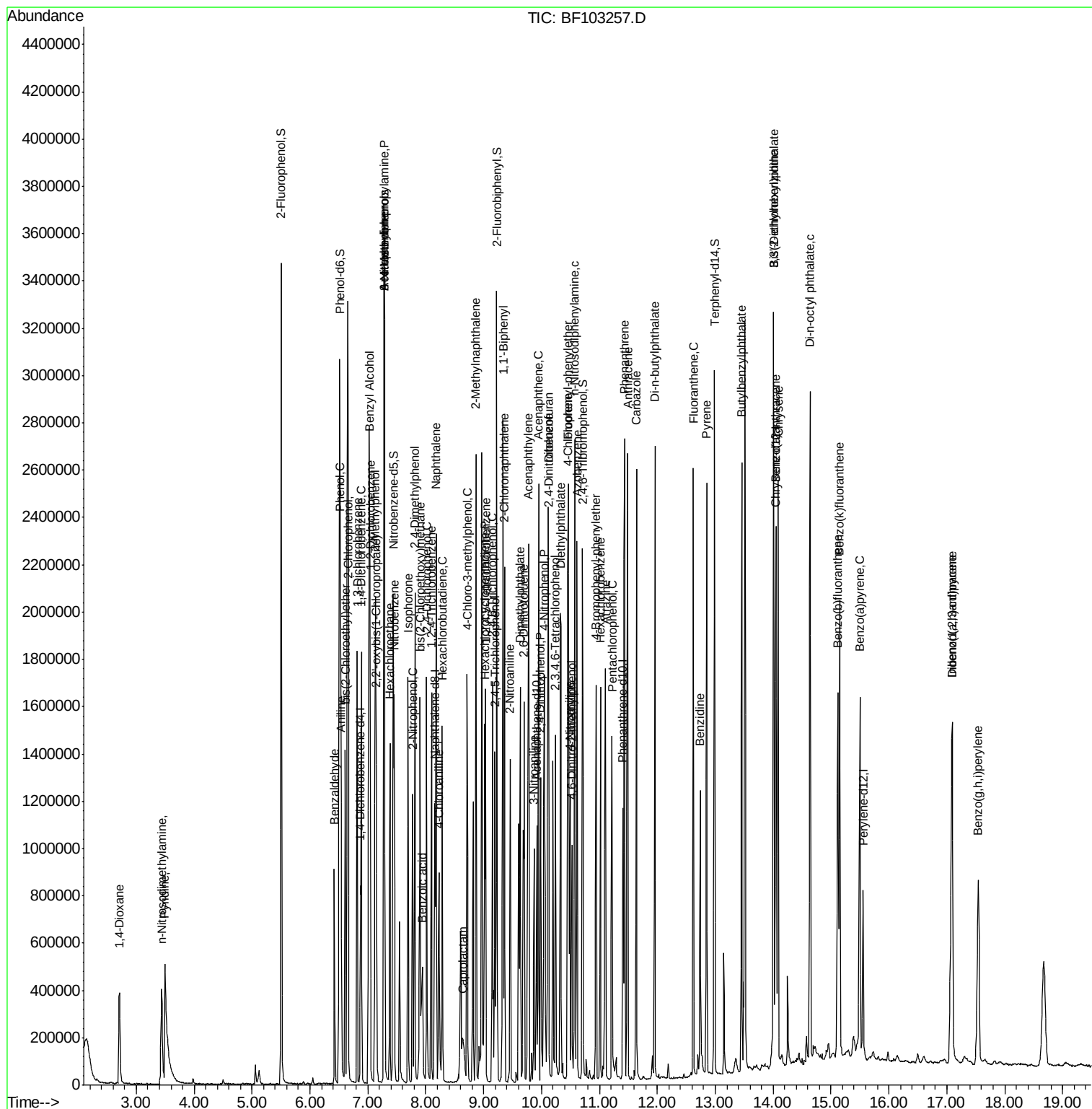
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	207230	47.873	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	224781	45.149	ng	96
45) 1,1'-Biphenyl	9.33	154	846179	42.913	ng	99
46) 2-Chloronaphthalene	9.36	162	684670	43.889	ng	98
47) 2-Nitroaniline	9.46	65	270795	46.862	ng	84
48) Acenaphthylene	9.77	152	1049747	43.735	ng	99
49) Dimethylphthalate	9.63	163	831085	44.025	ng	100
50) 2,6-Dinitrotoluene	9.70	165	185308	46.777	ng	# 88
51) Acenaphthene	9.95	154	600260	42.888	ng	100
52) 3-Nitroaniline	9.87	138	165303	32.889	ng	93
53) 2,4-Dinitrophenol	9.99	184	159073	107.417	ng	# 18
54) Dibenzofuran	10.12	168	892917	46.475	ng	97
55) 4-Nitrophenol	10.05	139	273536	87.811	ng	93
56) 2,4-Dinitrotoluene	10.11	165	239702	47.842	ng	94
57) Fluorene	10.46	166	703737	42.998	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	163768	48.966	ng	97
59) Diethylphthalate	10.33	149	801397	44.386	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	312904	45.083	ng	99
61) 4-Nitroaniline	10.49	138	233977	46.607	ng	95
62) Azobenzene	10.62	77	839938	45.704	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	112392	44.248	ng	92
65) n-Nitrosodiphenylamine	10.57	169	645043	43.946	ng	98
66) 4-Bromophenyl-phenylether	10.95	248	195887	44.607	ng	90
67) Hexachlorobenzene	11.02	284	203632	42.722	ng	94
68) Atrazine	11.10	200	205783	46.644	ng	98
69) Pentachlorophenol	11.22	266	179766	78.002	ng	98
70) Phenanthrene	11.43	178	1012388	43.638	ng	99
71) Anthracene	11.49	178	1064979	44.766	ng	99
72) Carbazole	11.64	167	1029014	43.435	ng	100
73) Di-n-butylphthalate	11.96	149	1319690	44.518	ng	99
74) Fluoranthene	12.62	202	1055087	45.257	ng	98
76) Benzidine	12.74	184	522534	44.601	ng	97
77) Pyrene	12.86	202	1066425	43.647	ng	100
79) Butylbenzylphthalate	13.46	149	596643	46.220	ng	98
80) Benzo(a)anthracene	14.04	228	926476	45.565	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	259053	35.700	ng	99
82) Chrysene	14.09	228	887625	44.959	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	793107	45.528	ng	98
84) Di-n-octyl phthalate	14.64	149	1379383	49.009	ng	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	809614	51.798	ng	97
87) Benzo(b)fluoranthene	15.12	252	889243	44.188	ng	98
88) Benzo(k)fluoranthene	15.15	252	827243	43.654	ng	100
89) Benzo(a)pyrene	15.50	252	830231	46.198	ng	97
90) Dibenzo(a,h)anthracene	17.10	278	676076	48.686	ng	99
91) Benzo(g,h,i)perylene	17.54	276	687257	50.639	ng	96

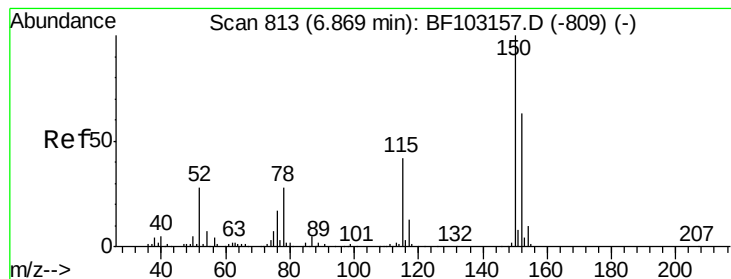
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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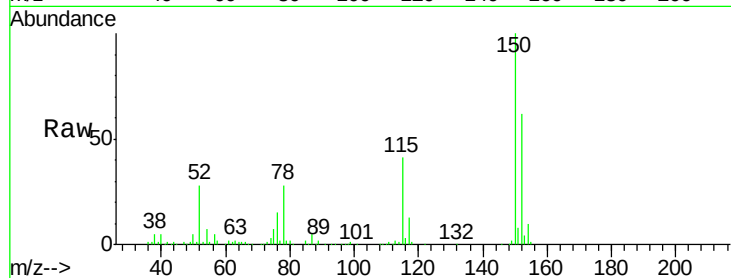


#1

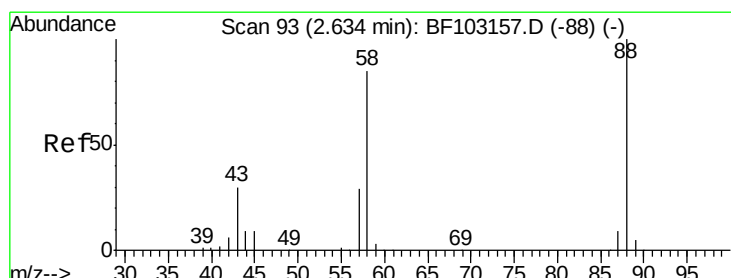
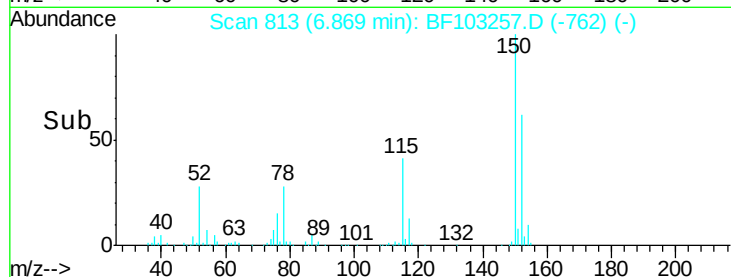
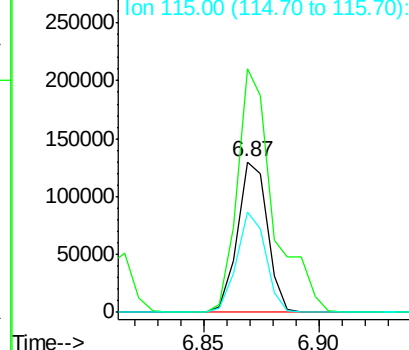
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	152	Resp	117984
Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.6	186.8
115	66.4	50.1	75.1



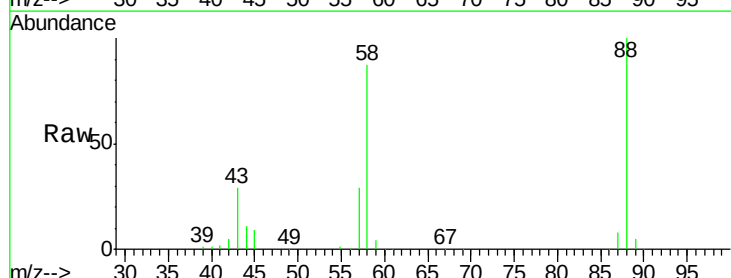
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



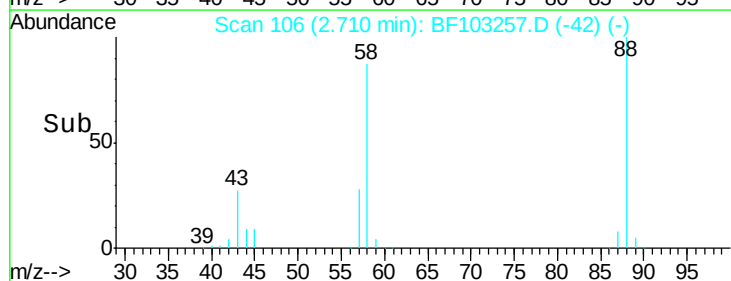
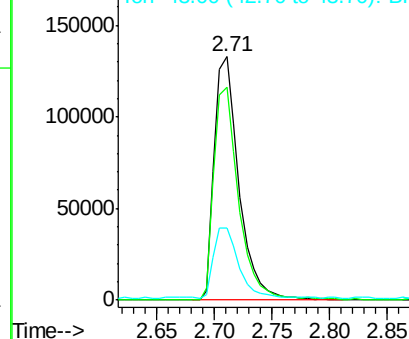
#2

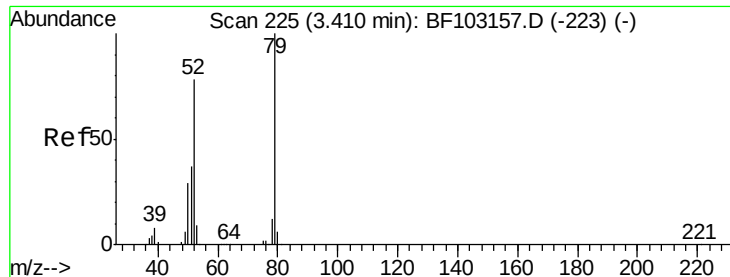
1,4-Dioxane
Concen: 48.012 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.08 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	88	Resp	197820
Ion	Ratio	Lower	Upper
88	100		
58	88.8	62.6	93.8
43	28.5	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: 47.155 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.08 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

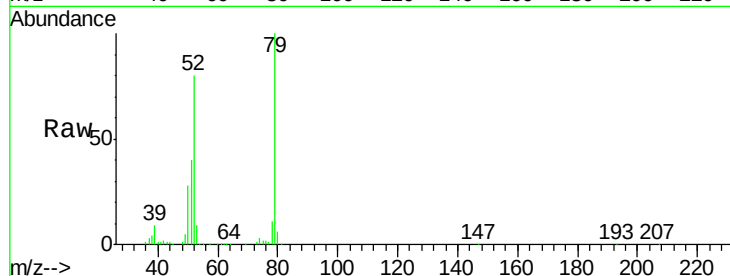
Tot Ion: 79 Resp: 518685

Ion Ratio Lower Upper

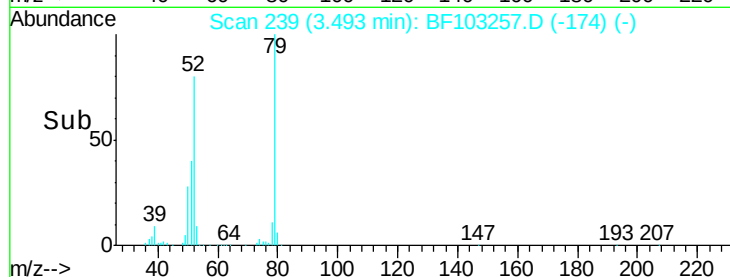
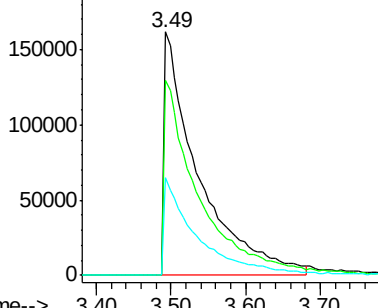
79 100

52 80.2 59.8 89.6

51 40.3 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 52.852 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.08 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

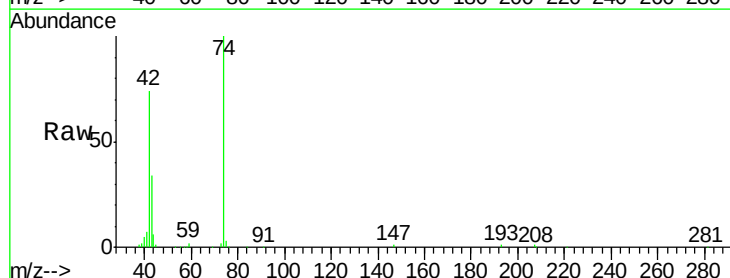
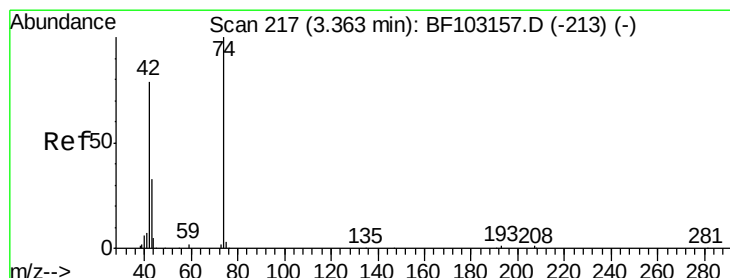
Tgt Ion: 42 Resp: 234458

Ion Ratio Lower Upper

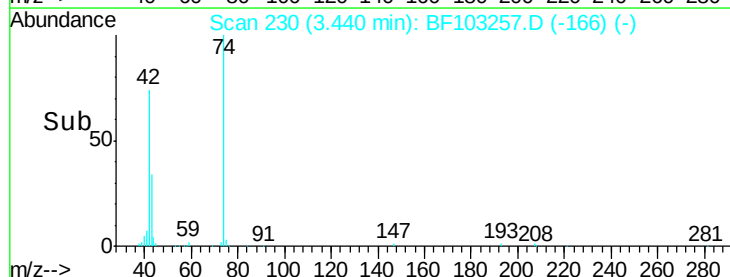
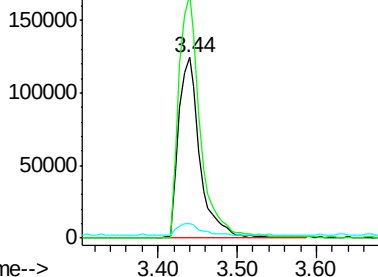
42 100

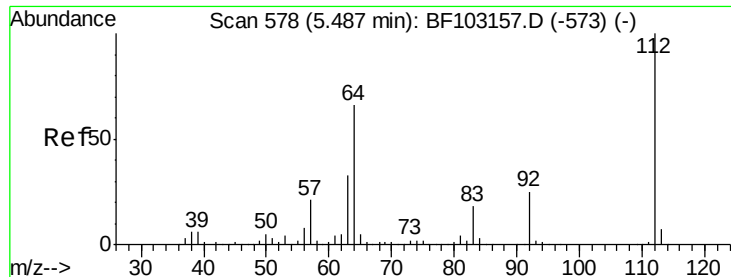
74 134.7 104.9 157.3

44 7.7 6.9 10.3



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





#5

2-Fluorophenol

Concen: 131.517 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
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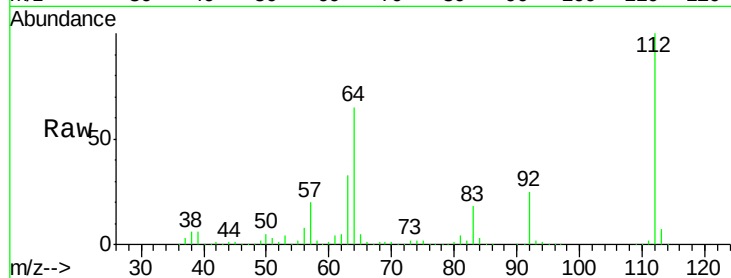
Tot Ion:112 Resp: 1025958

Ion Ratio Lower Upper

112 100

64 65.3 47.9 71.9

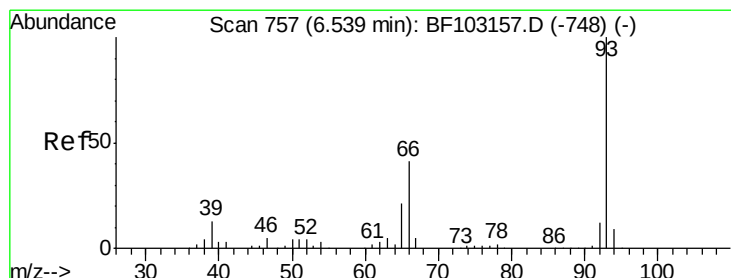
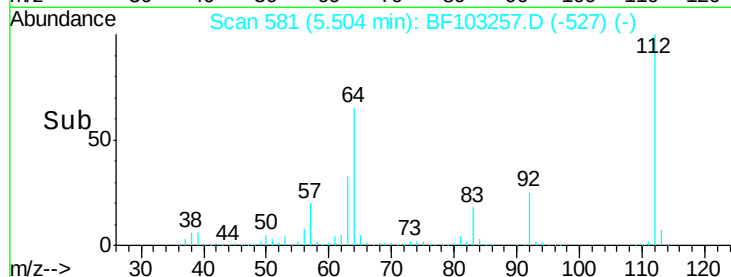
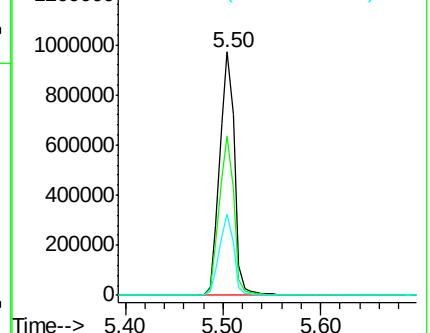
63 33.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.915 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

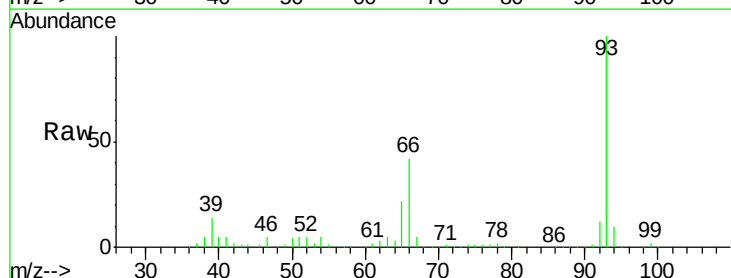
Tgt Ion: 93 Resp: 467231

Ion Ratio Lower Upper

93 100

66 42.2 32.2 48.2

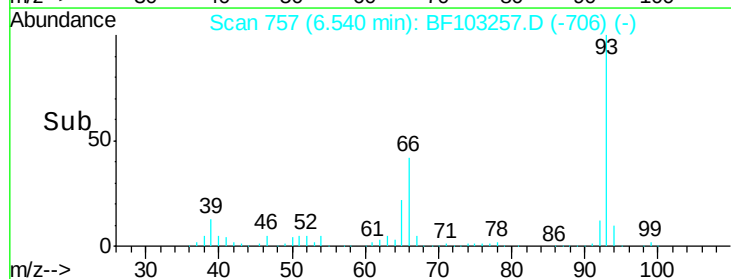
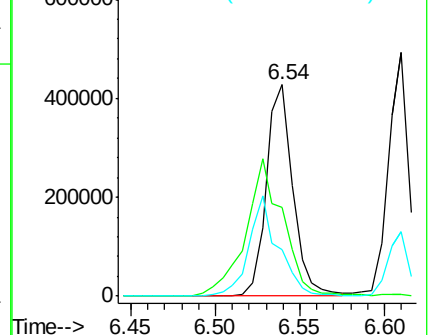
65 21.9 16.4 24.6

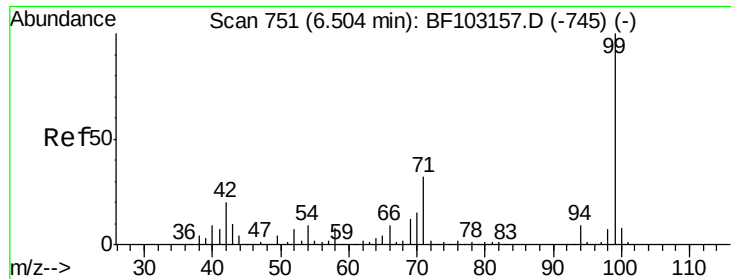


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.184 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

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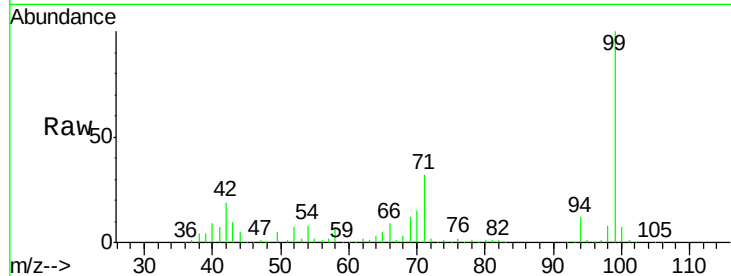
Tot Ion: 99 Resp: 1242694

Ion Ratio Lower Upper

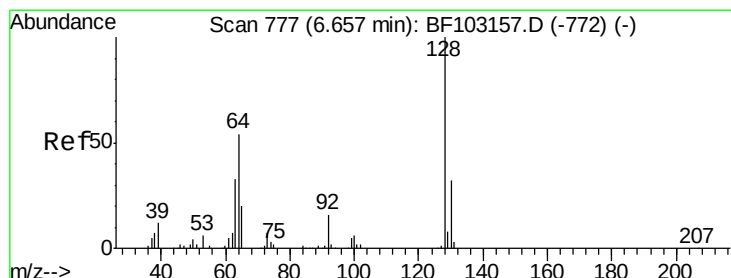
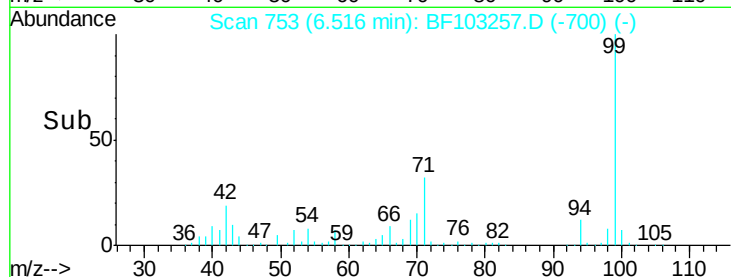
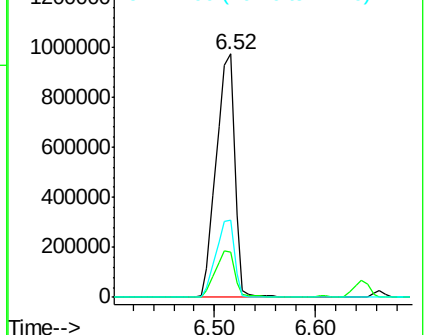
99 100

42 18.7 14.5 21.7

71 31.7 25.4 38.0



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



#8

2-Chlorophenol

Concen: 49.071 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

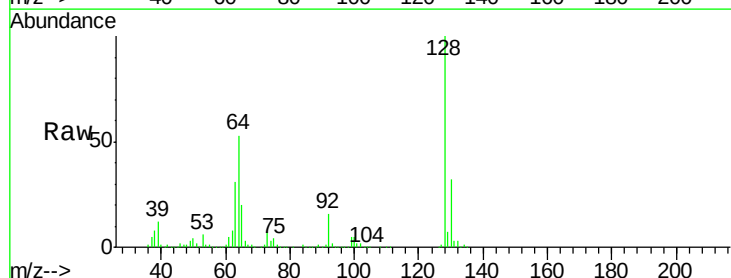
Tgt Ion: 128 Resp: 397669

Ion Ratio Lower Upper

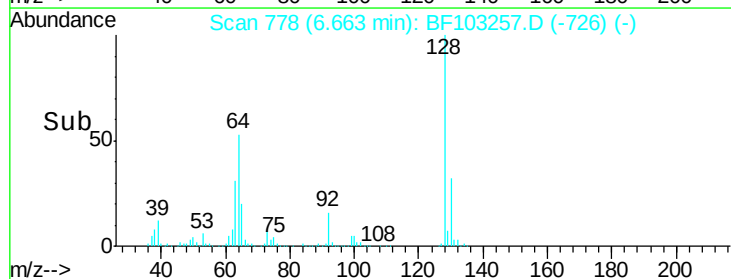
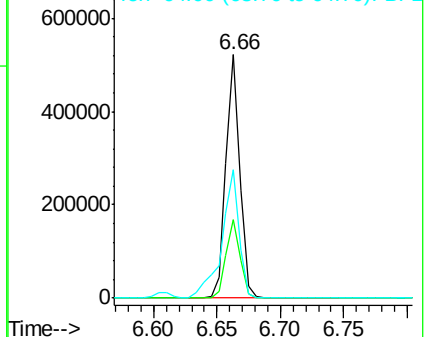
128 100

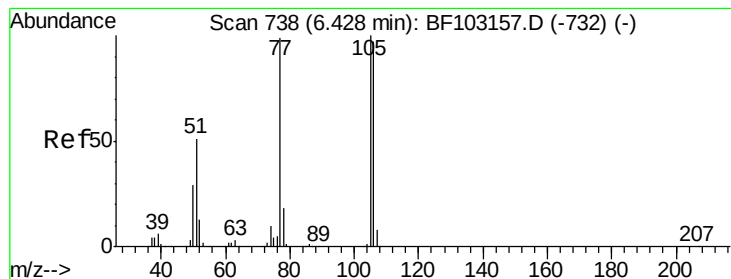
130 32.4 13.0 53.0

64 52.7 29.4 69.4



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





#9

Benzaldehyde

Concen: 30.245 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

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ClientSampled :

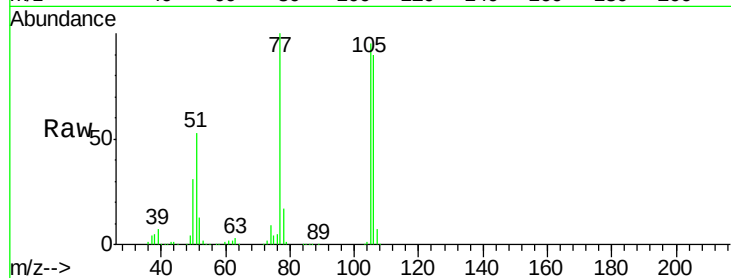
Tot Ion: 77 Resp: 188286

Ion Ratio Lower Upper

77 100

105 94.6 81.1 121.1

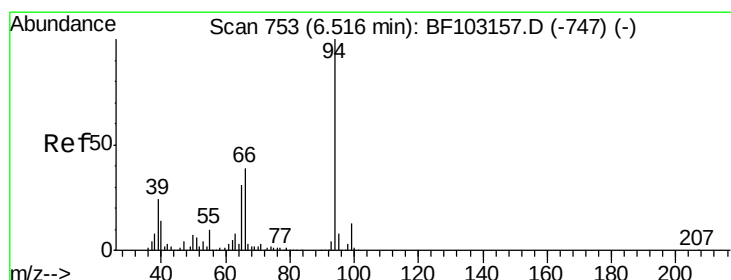
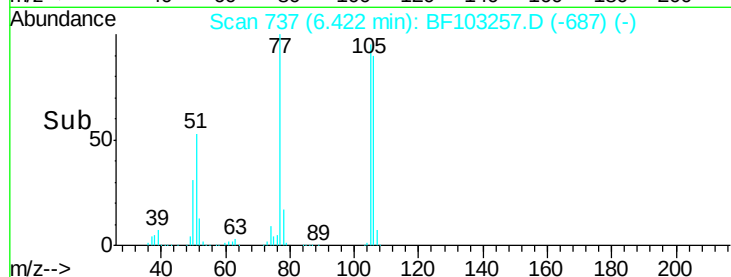
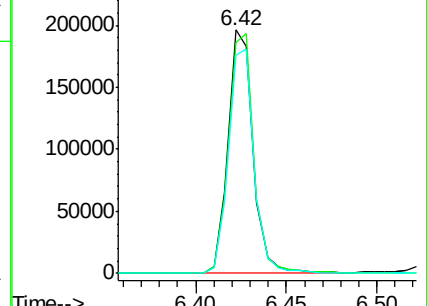
106 89.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 45.871 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

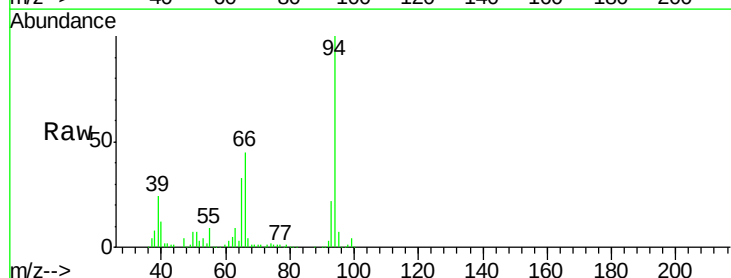
Tgt Ion: 94 Resp: 508320

Ion Ratio Lower Upper

94 100

65 32.6 7.9 47.9

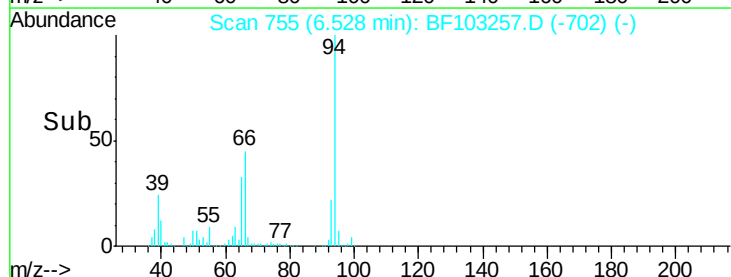
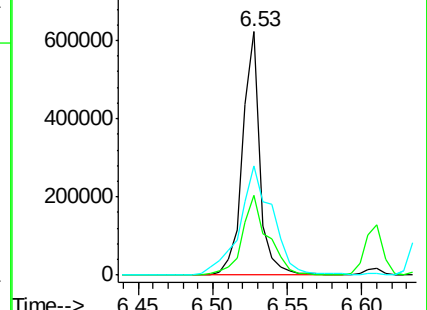
66 44.8 16.2 56.2

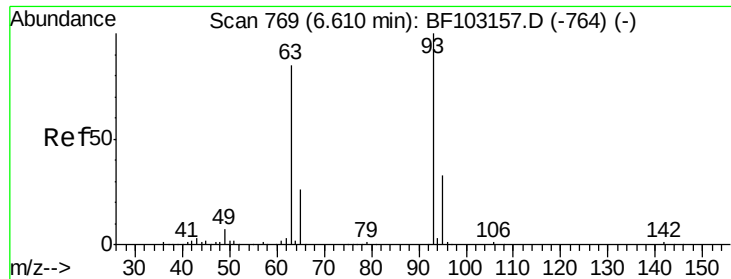


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 48.353 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

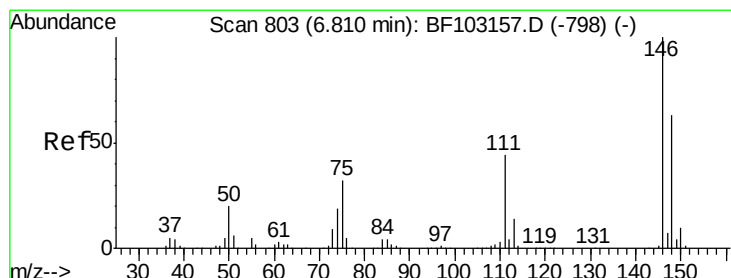
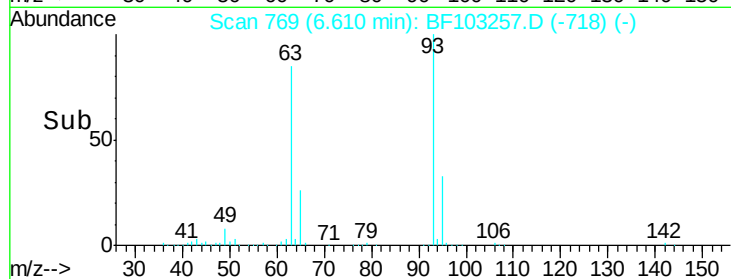
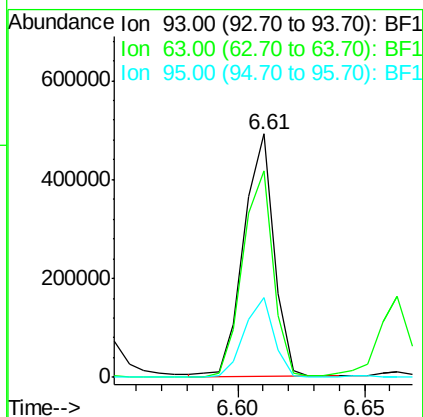
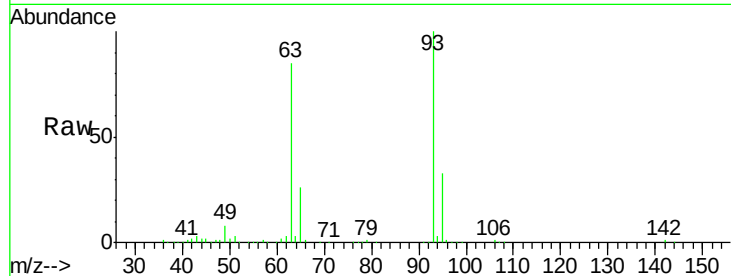
Tot Ion: 93 Resp: 406673

Ion Ratio Lower Upper

93 100

63 84.9 58.6 98.6

95 32.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 45.128 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

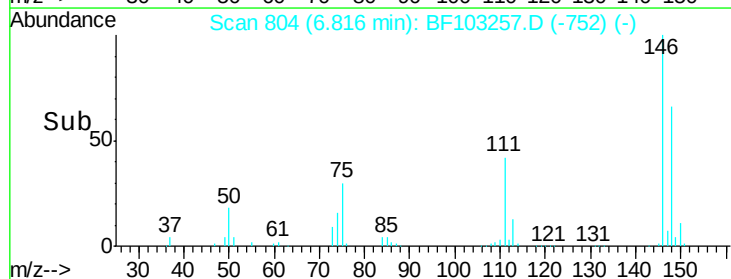
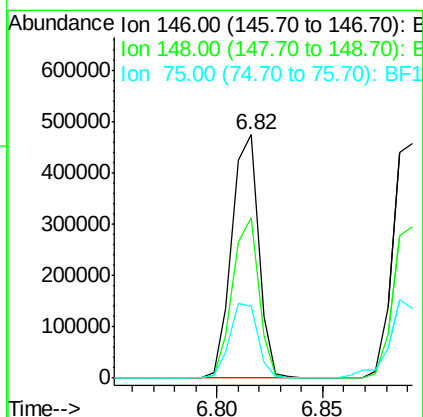
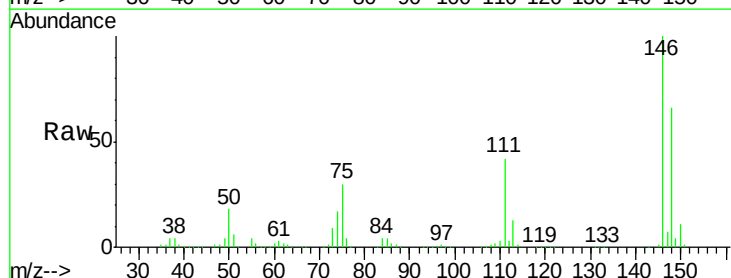
Tgt Ion: 146 Resp: 417931

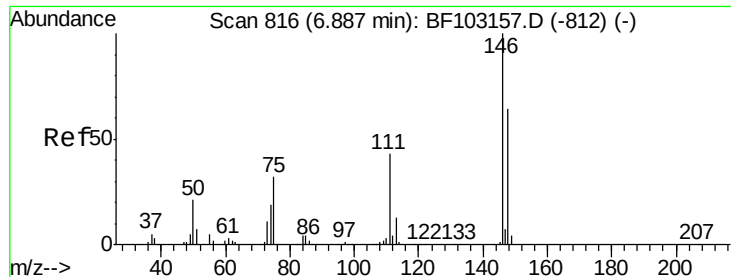
Ion Ratio Lower Upper

146 100

148 65.7 51.8 77.8

75 29.8 24.2 36.4

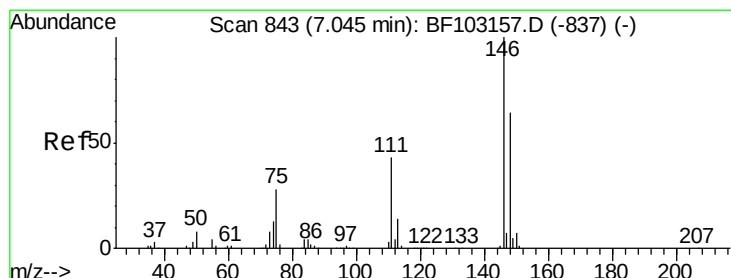
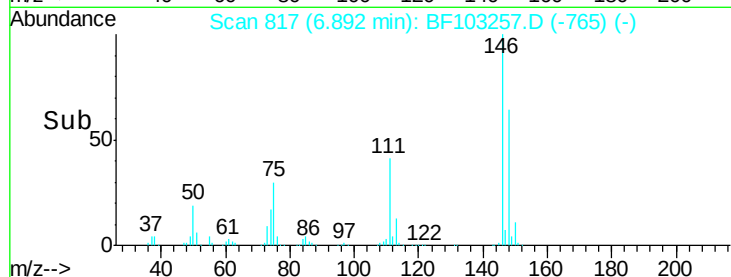
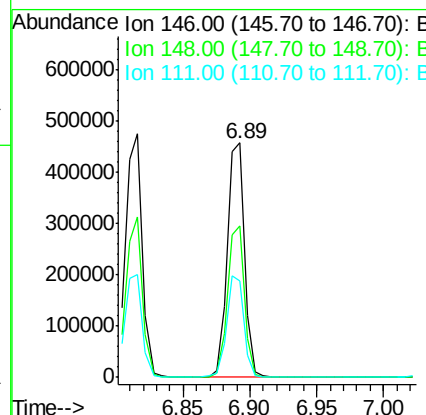
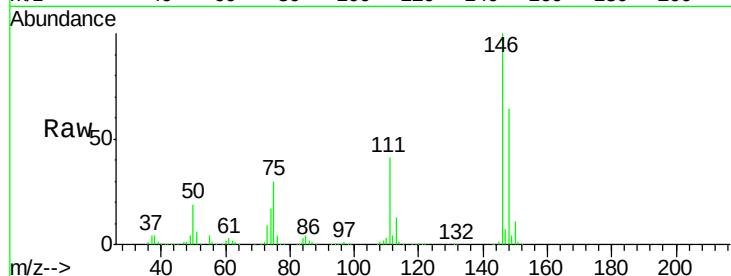




#13
 1,4-Dichlorobenzene
 Concen: 45.300 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

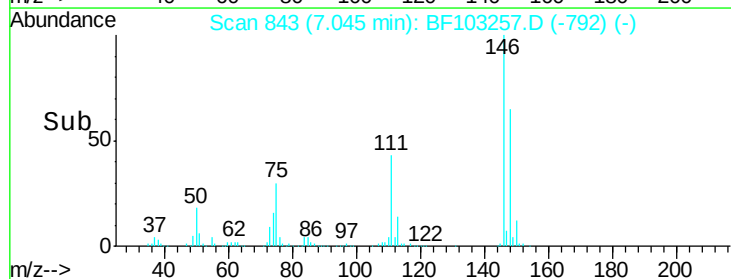
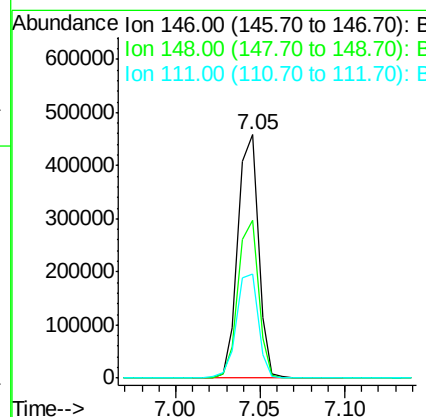
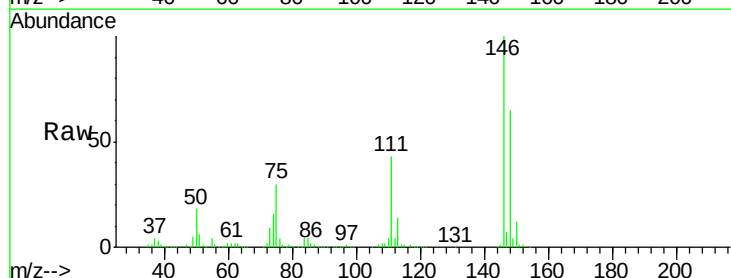
Instrument :
 BNA_F
 ClientSampled :

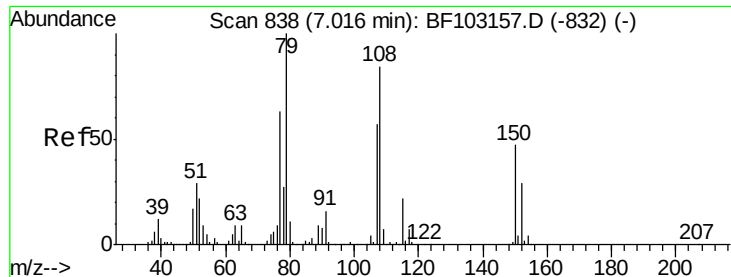
Tot Ion:146 Resp: 420605
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 41.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 45.297 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tgt Ion:146 Resp: 387806
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 75.8
 111 42.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 47.926 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

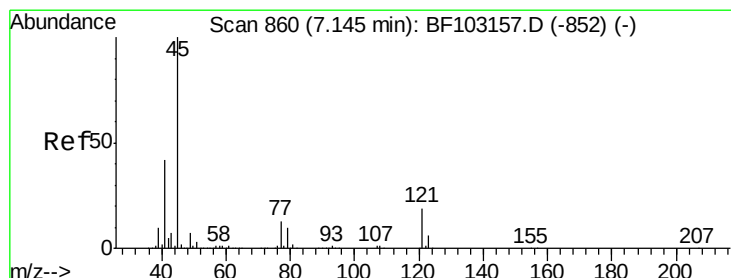
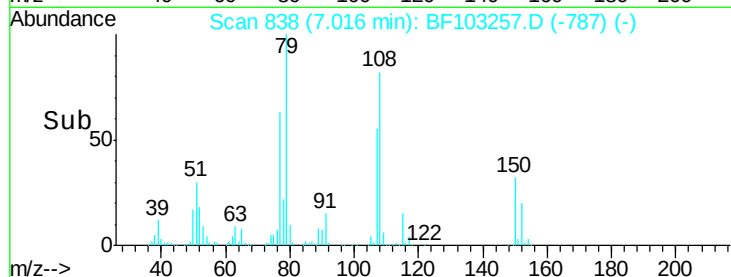
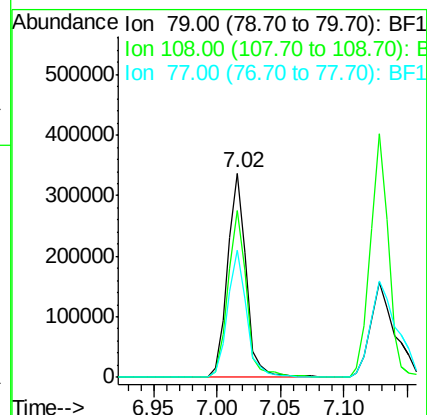
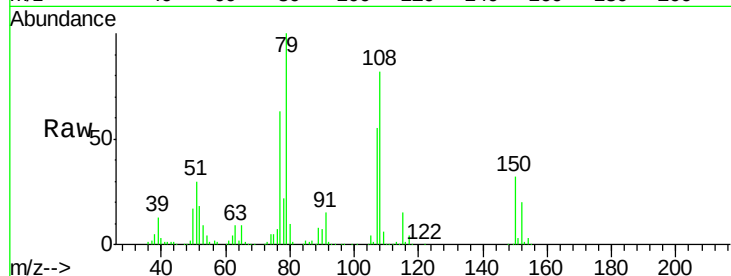
Tot Ion: 79 Resp: 344735

Ion Ratio Lower Upper

79 100

108 82.1 65.1 97.7

77 62.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.621 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

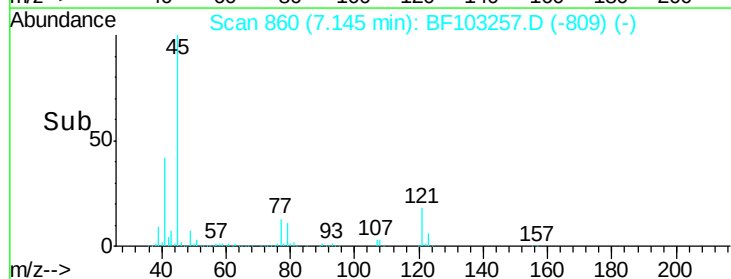
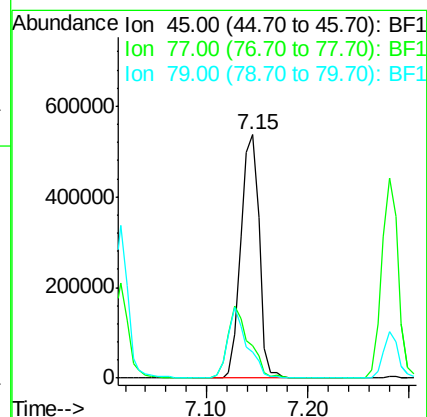
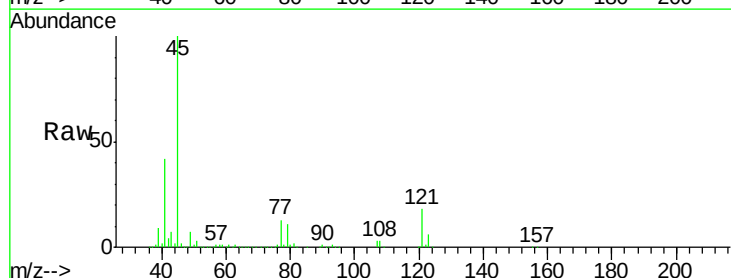
Tgt Ion: 45 Resp: 673334

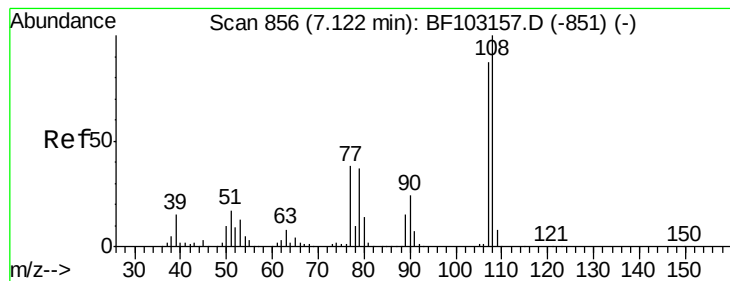
Ion Ratio Lower Upper

45 100

77 13.1 0.0 32.9

79 10.7 0.0 29.6

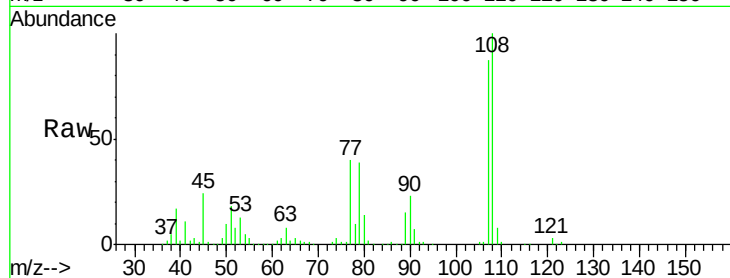




#17
2-Methylphenol
Concen: 46.654 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.7	137.5
77	45.5	33.8	50.8
79	44.4	33.8	50.8



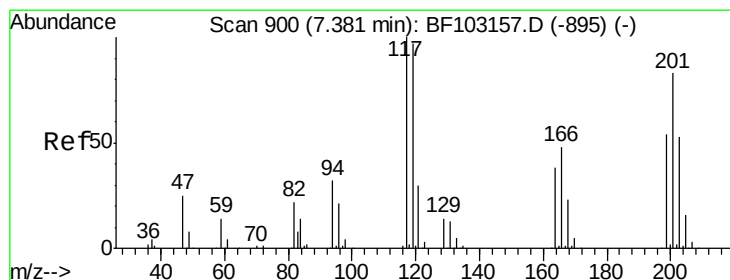
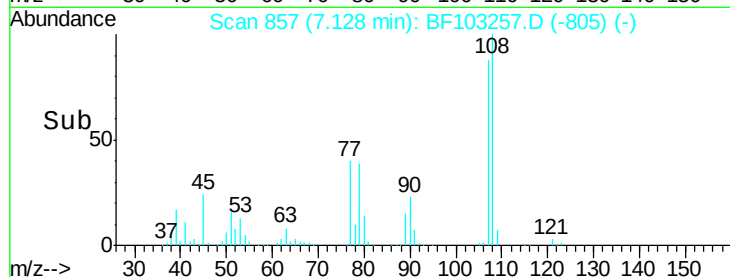
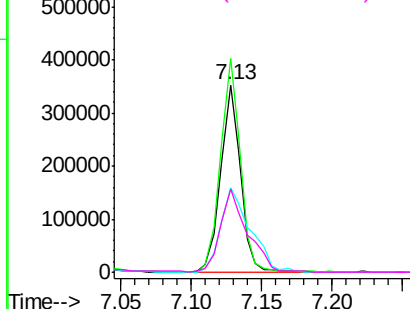
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

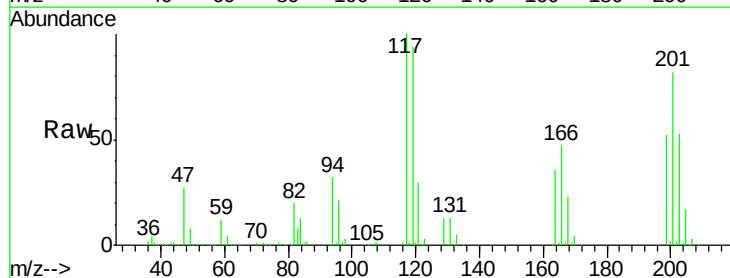
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 46.480 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.8	113.8
201	81.9	75.7	113.5

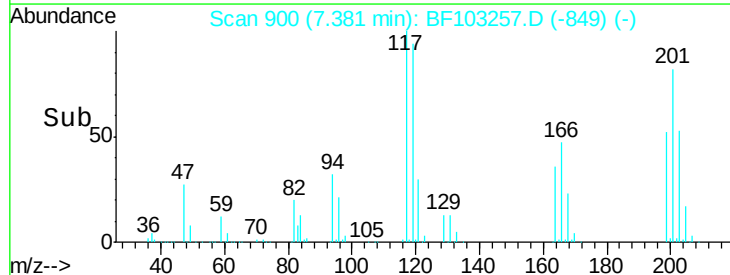
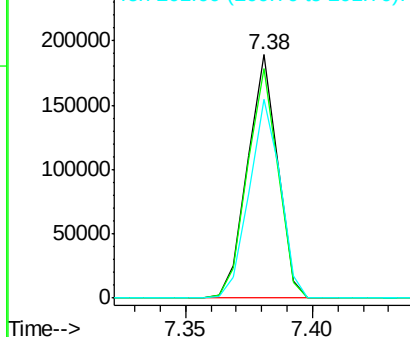


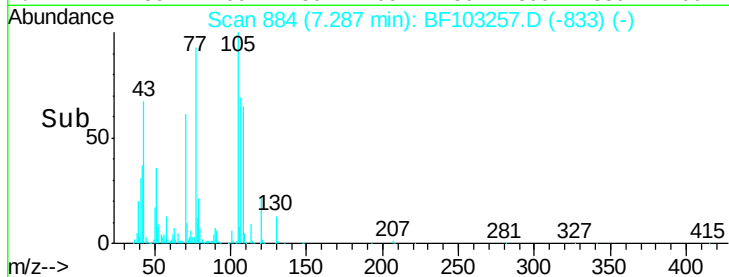
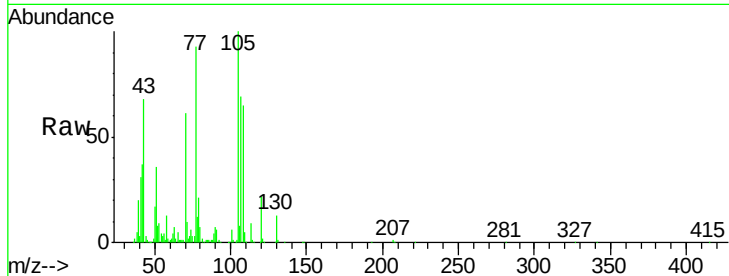
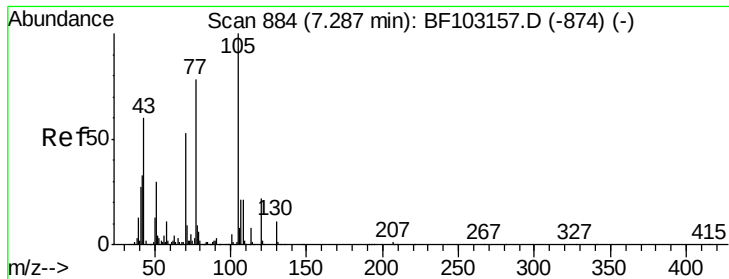
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

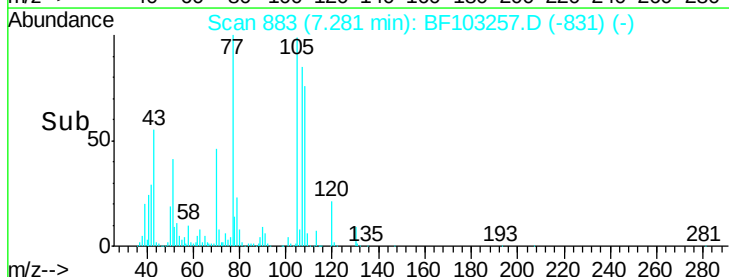
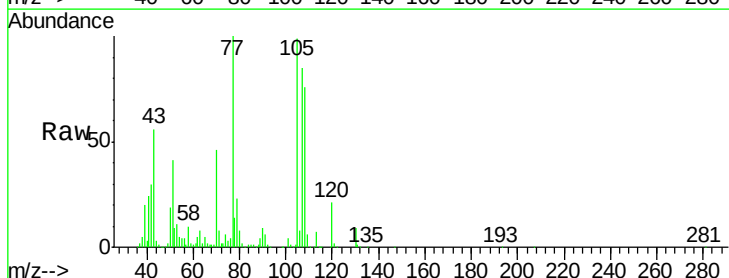
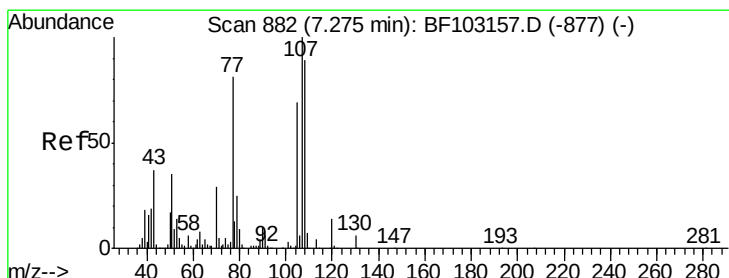
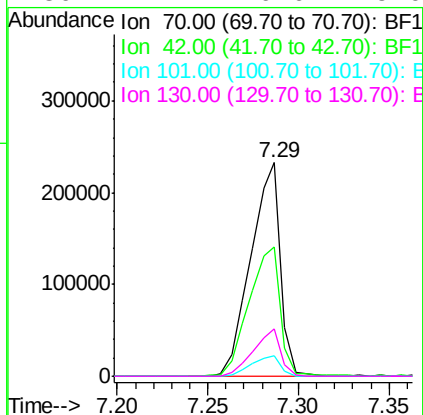




#19
n-Nitroso-di-n-propylamine
Concen: 44.526 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

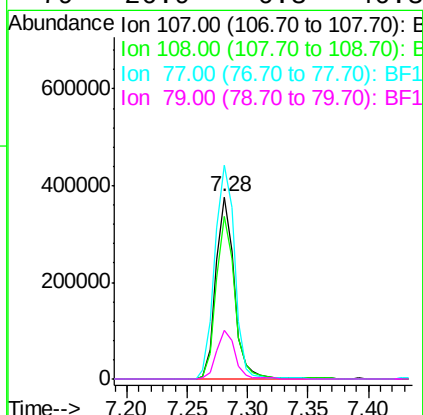
Instrument :
BNA_F
ClientSampleId :

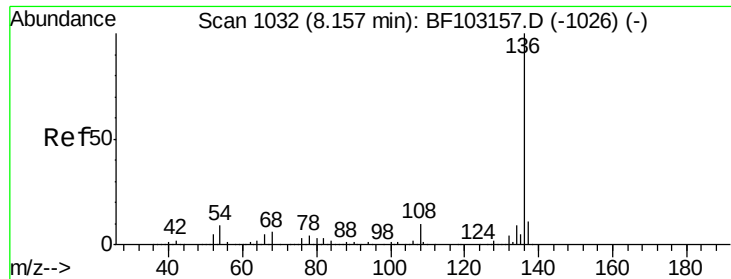
Tot Ion	Ratio	Lower	Upper
70	100		
42	60.6	47.5	71.3
101	9.9	7.4	11.2
130	22.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.505 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.2	108.2
77	117.2	26.7	66.7#
79	26.9	6.3	46.3

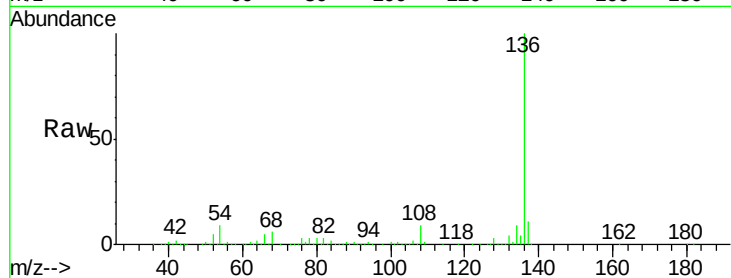




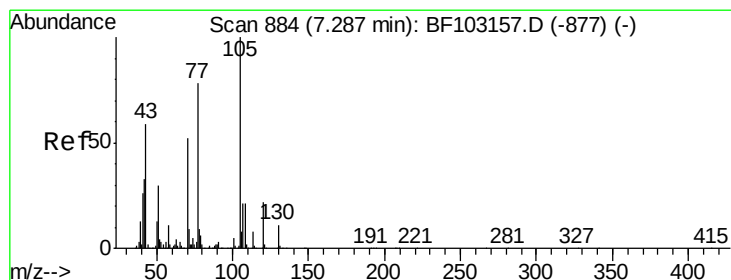
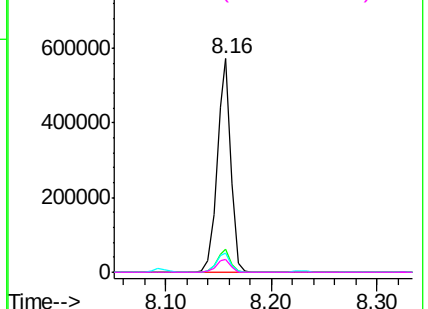
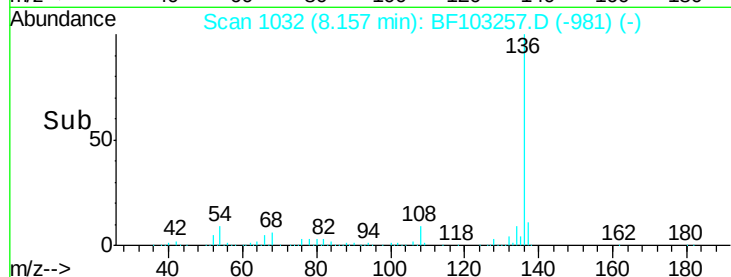
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	520952
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	9.0	6.6 9.8
68	6.1	5.0 7.4

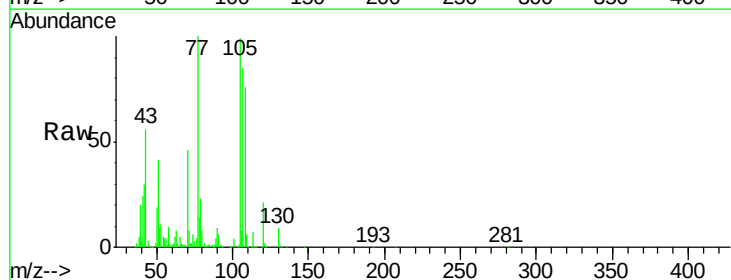


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

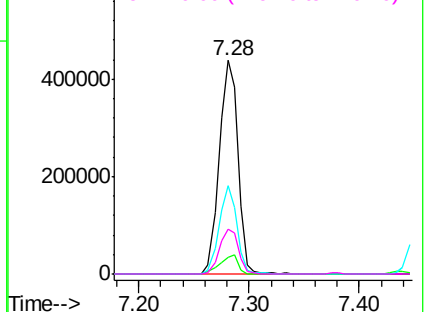
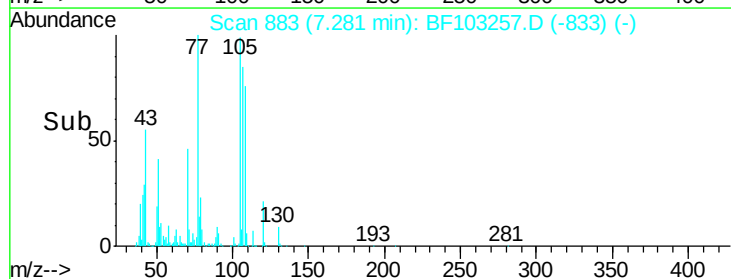


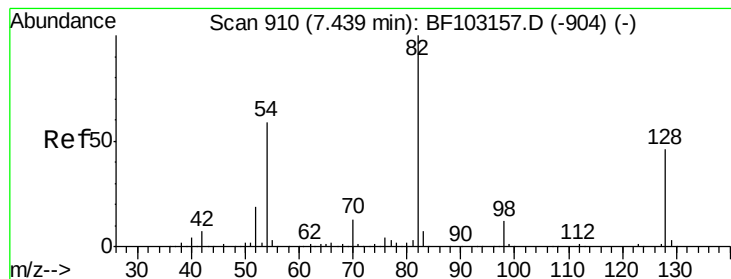
#22
Acetophenone
Concen: 42.614 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion:105	Resp:	518177
Ion Ratio	Lower	Upper
105	100	
71	8.1	4.4 6.6#
51	41.5	22.3 33.5#
120	21.2	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 78.213 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

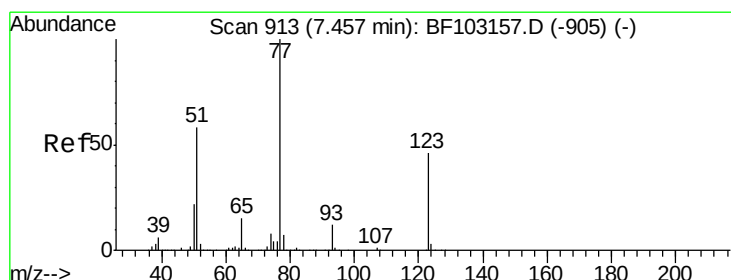
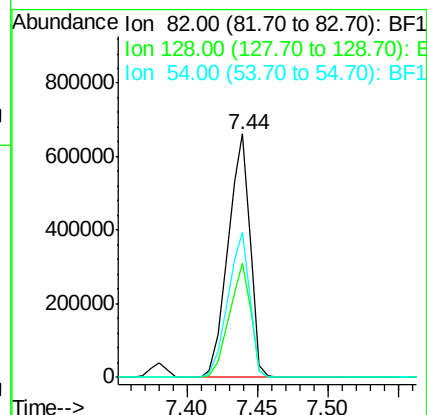
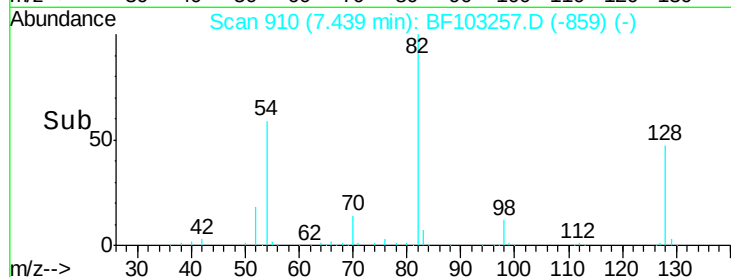
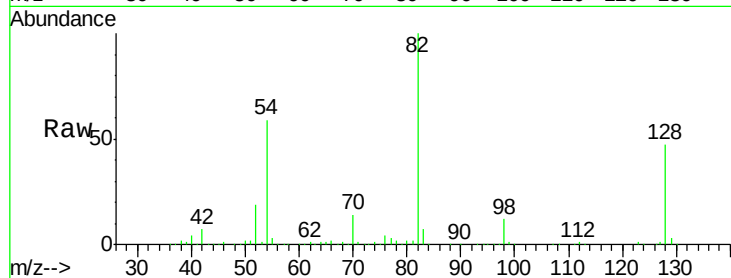
Tot Ion: 82 Resp: 713473

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

54 59.4 41.4 62.2



#24

Nitrobenzene

Concen: 44.176 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

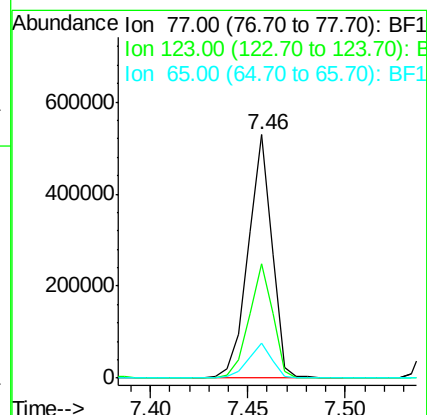
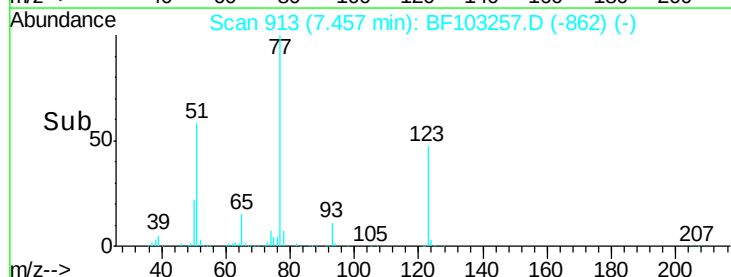
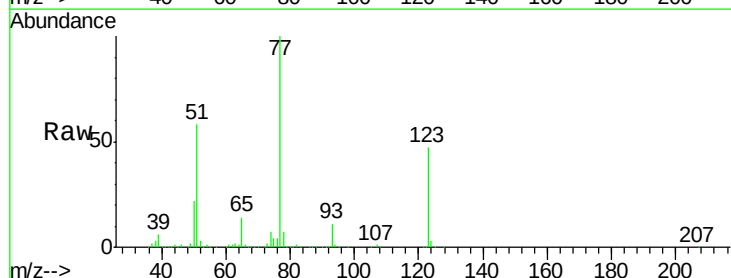
Tgt Ion: 77 Resp: 443683

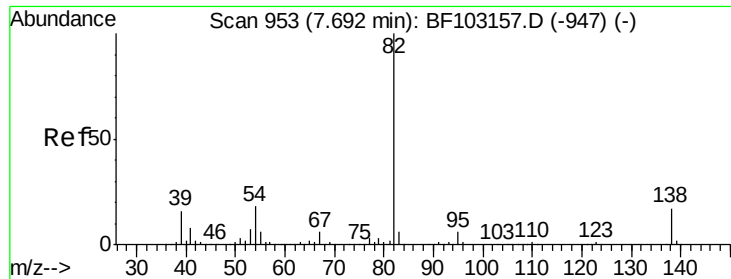
Ion Ratio Lower Upper

77 100

123 46.7 37.9 56.9

65 14.4 11.0 16.4





#25

Isophorone

Concen: 45.757 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

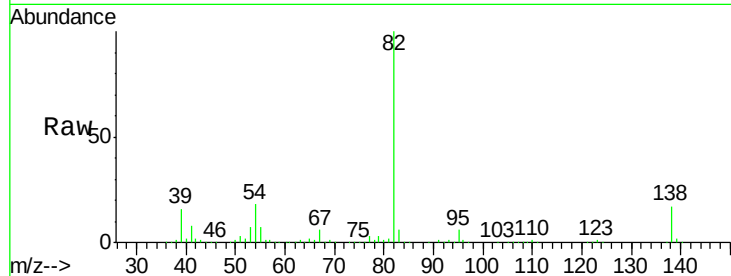
Tot Ion: 82 Resp: 822079

Ion Ratio Lower Upper

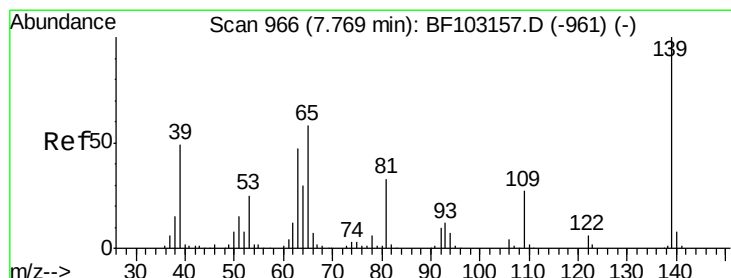
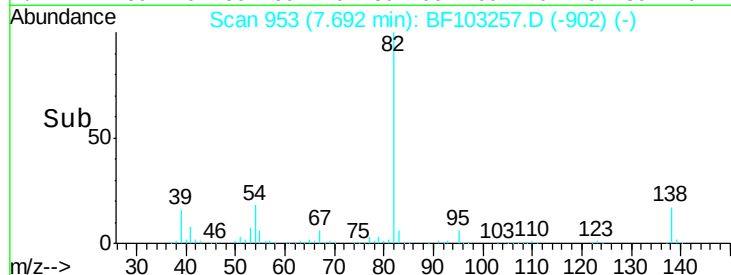
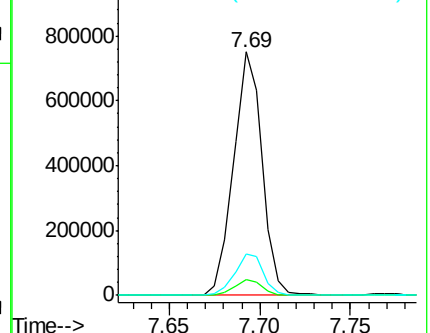
82 100

95 6.3 5.2 7.8

138 17.2 14.9 22.3



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



#26

2-Nitrophenol

Concen: 48.587 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

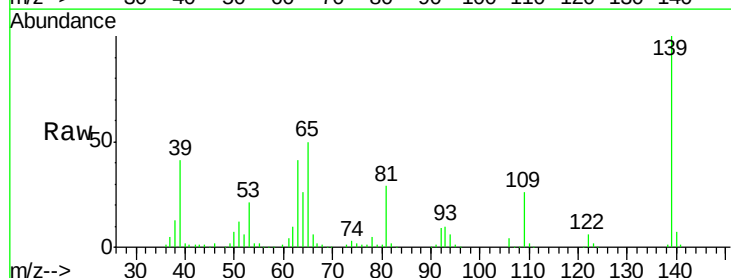
Tgt Ion: 139 Resp: 229725

Ion Ratio Lower Upper

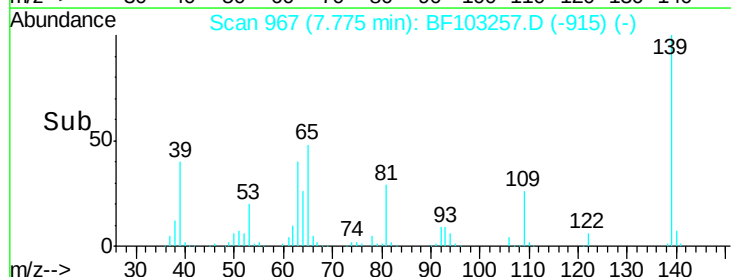
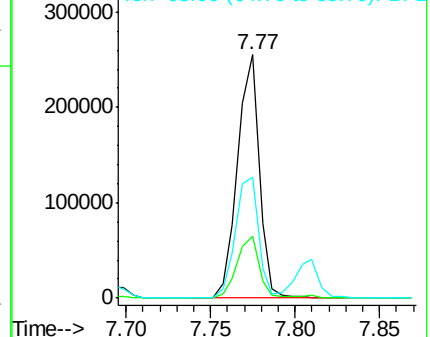
139 100

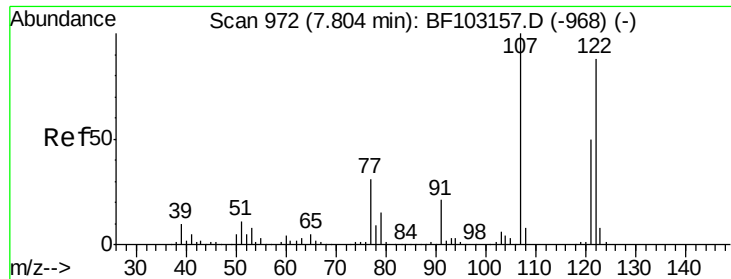
109 25.7 22.7 34.1

65 49.5 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 50.929 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

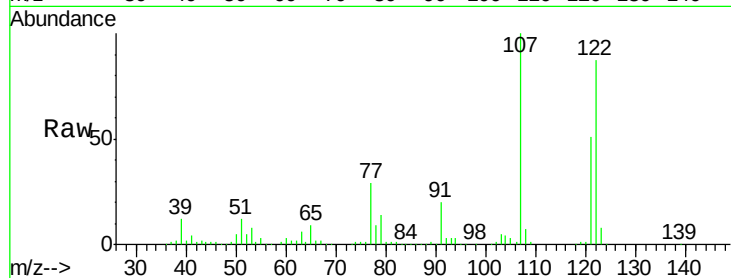
Tot Ion:122 Resp: 368071

Ion Ratio Lower Upper

122 100

107 114.9 91.2 136.8

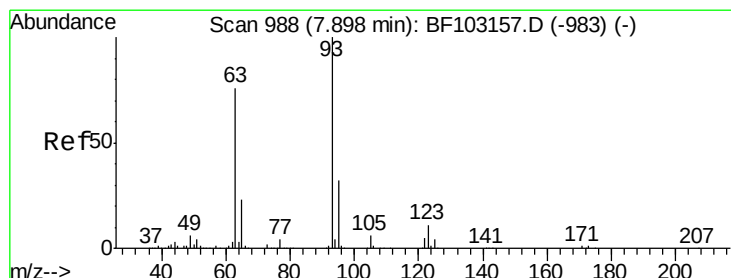
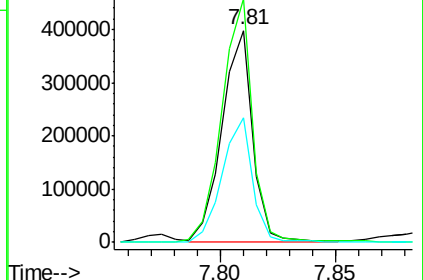
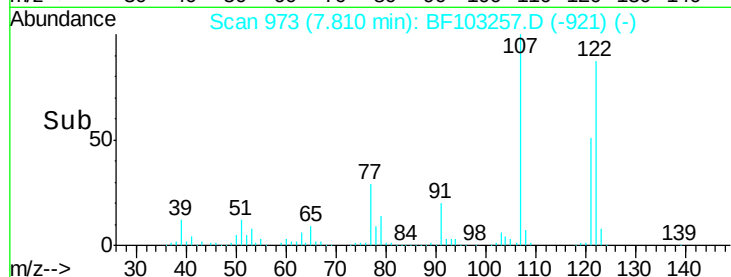
121 58.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.144 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

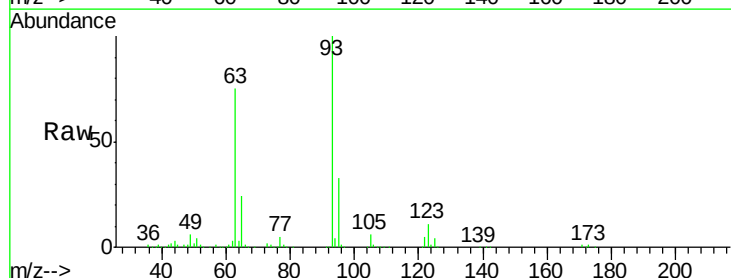
Tgt Ion: 93 Resp: 508545

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

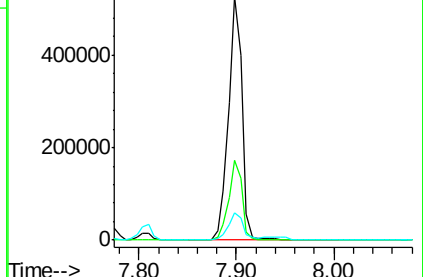
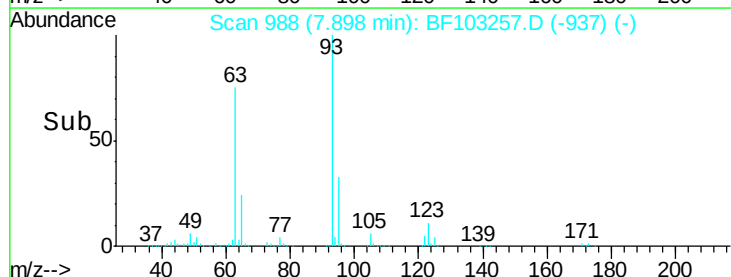
123 11.3 9.8 14.6

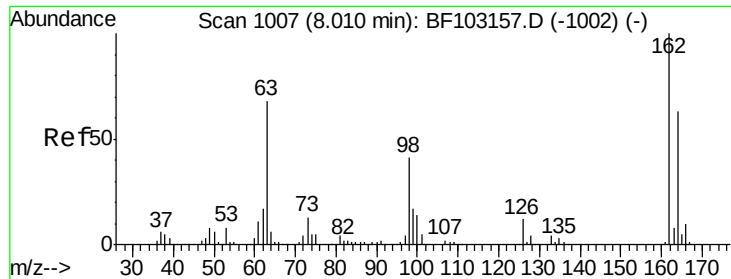


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

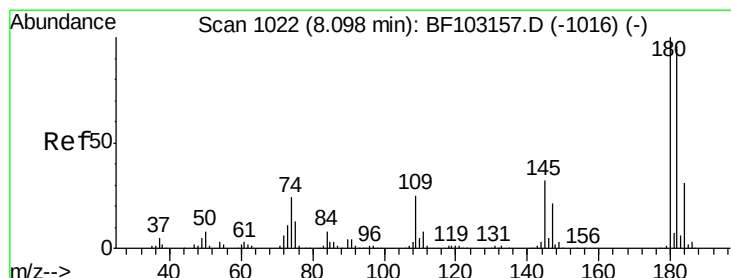
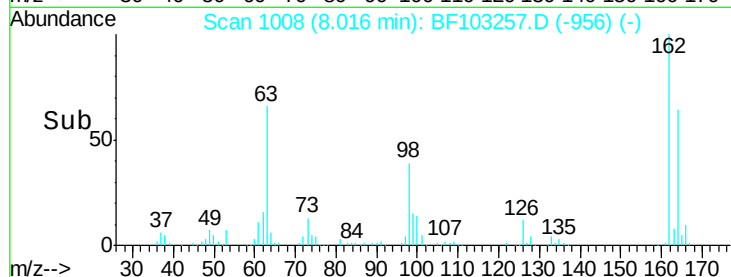
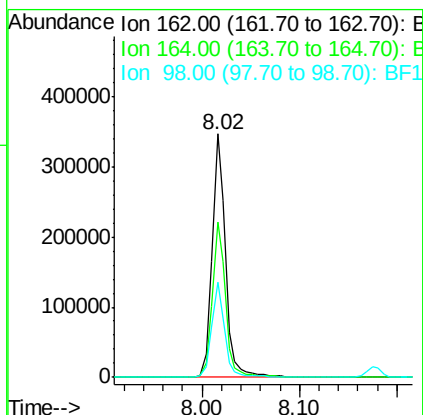
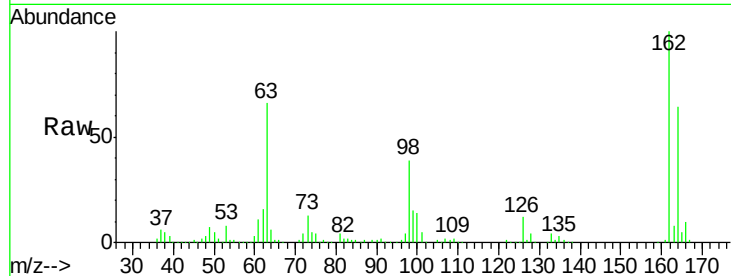




#29
 2,4-Dichlorophenol
 Concen: 47.634 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

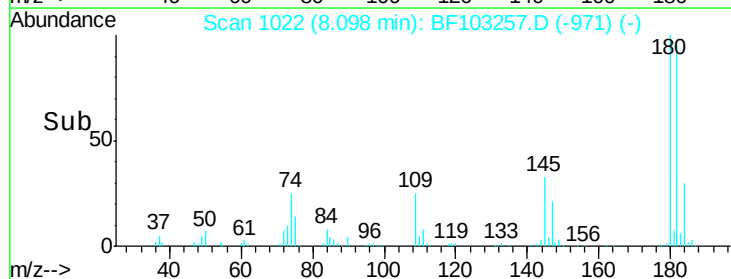
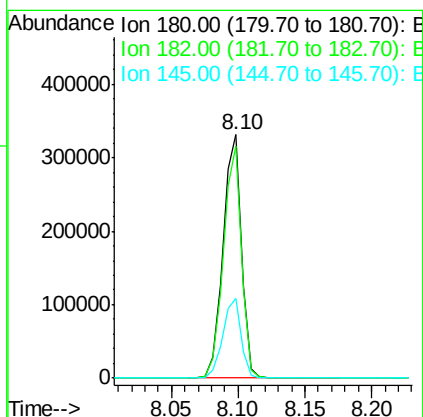
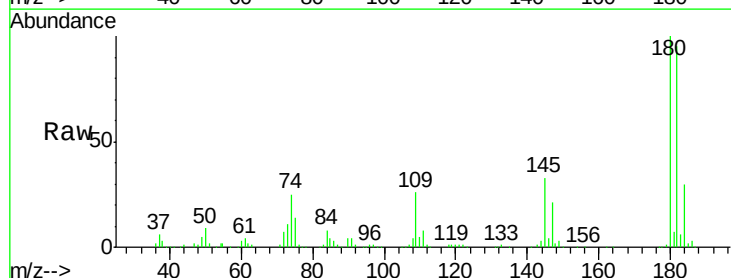
Instrument :
 BNA_F
 ClientSampleId :

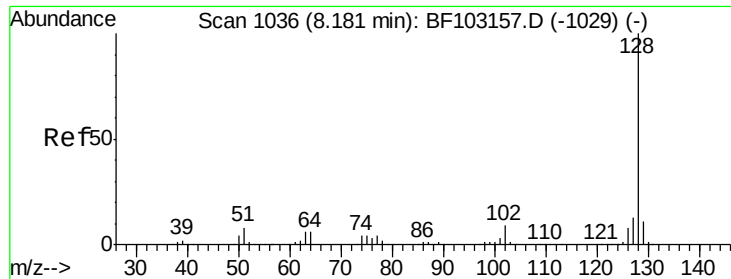
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.7	82.7
98	39.1	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.923 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.8	115.2
145	32.7	26.5	39.7

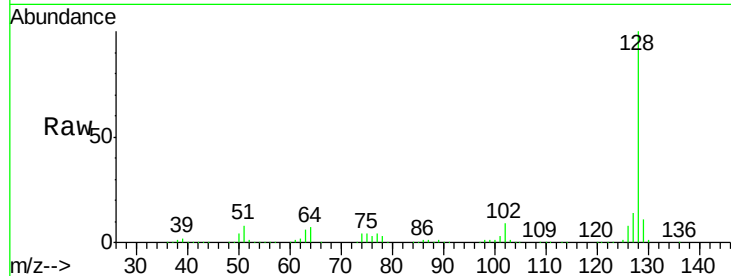




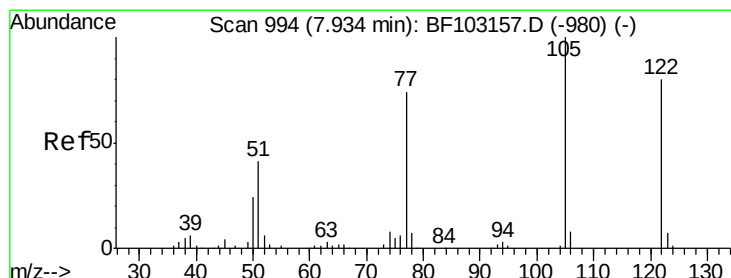
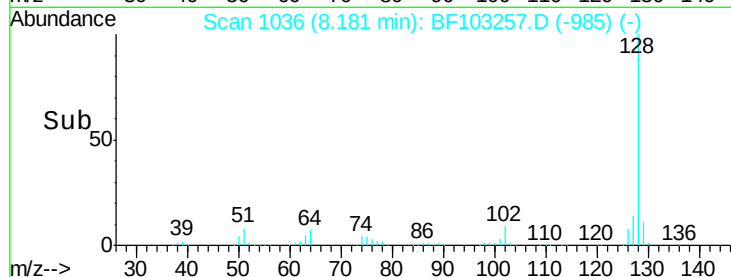
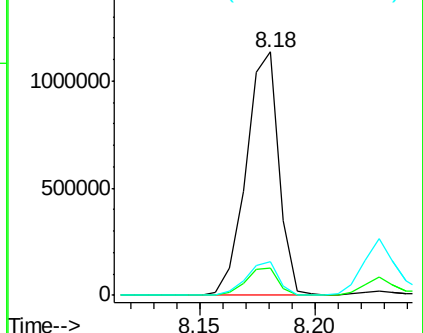
#31
Naphthalene
Concen: 44.098 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1124705
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.7 10.9 16.3

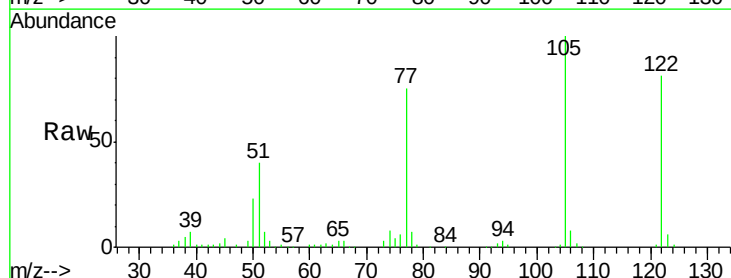


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

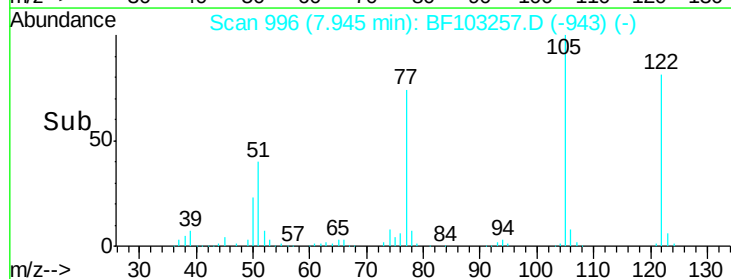
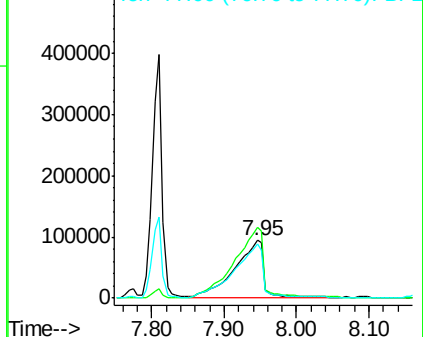


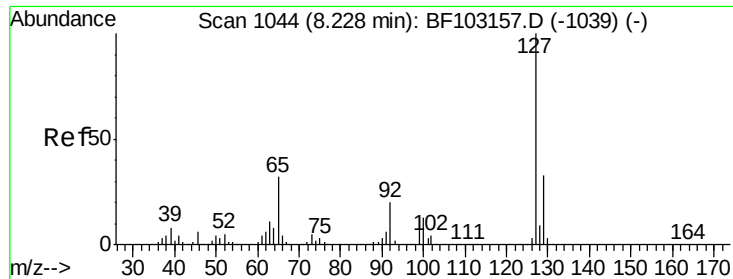
#32
Benzoic acid
Concen: 49.160 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion:122 Resp: 264631
Ion Ratio Lower Upper
122 100
105 123.5 101.1 141.1
77 92.7 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

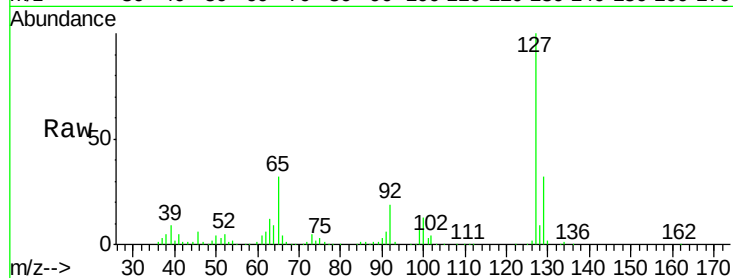




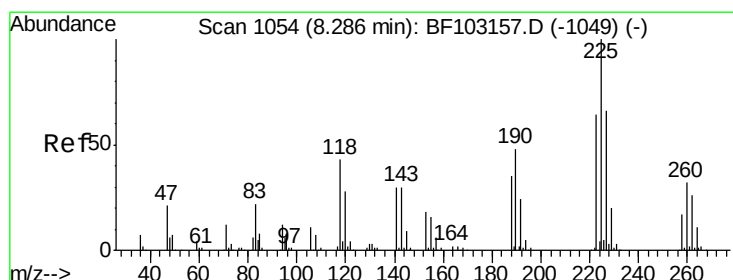
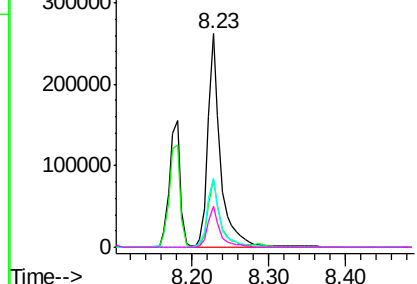
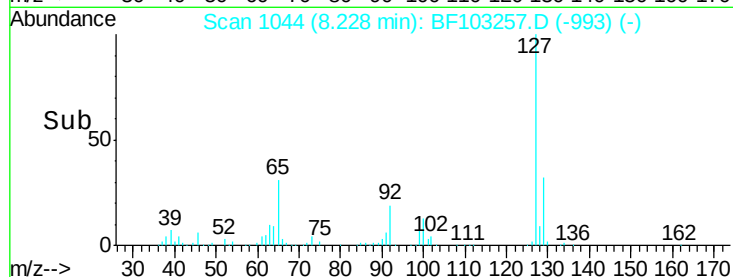
#33
4-Chloroaniline
Concen: 27.311 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	300582
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	32.2	25.0	37.4
92	19.3	15.2	22.8

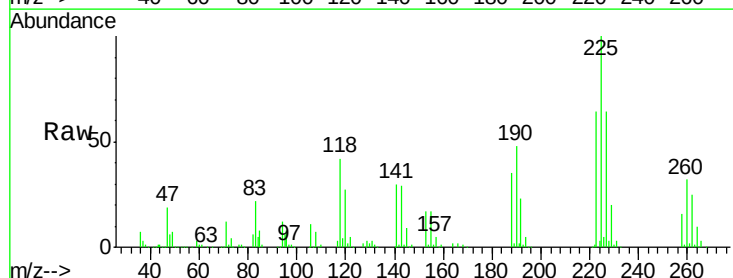


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

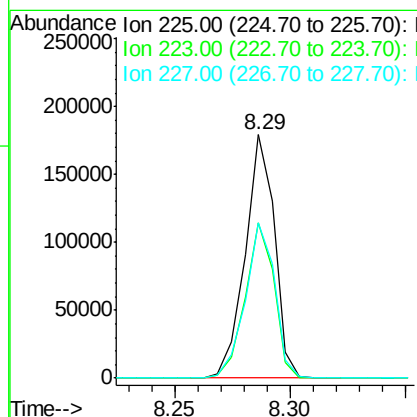
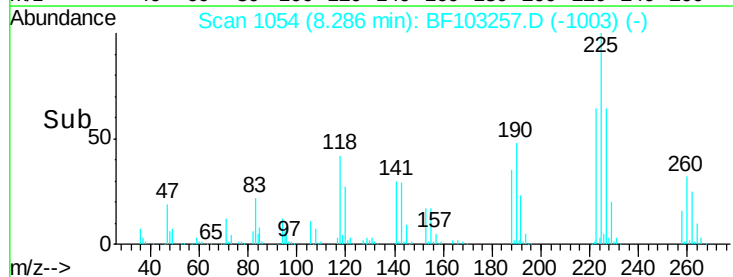


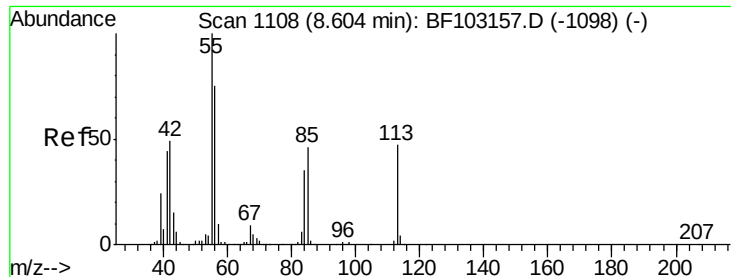
#34
Hexachlorobutadiene
Concen: 41.502 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion:	225	Resp:	159240
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	64.0	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 20.523 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.04 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

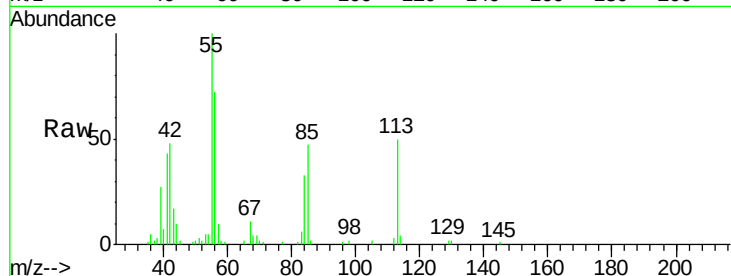
Tot Ion:113 Resp: 49908

Ion Ratio Lower Upper

113 100

55 200.8 163.3 203.3

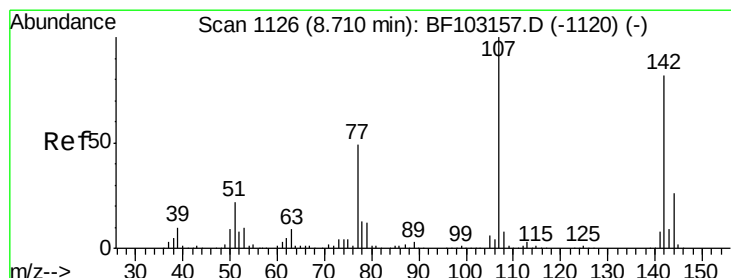
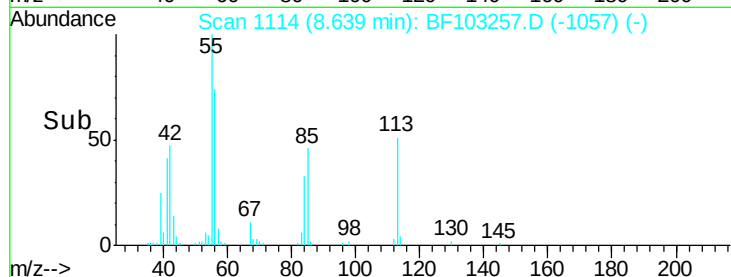
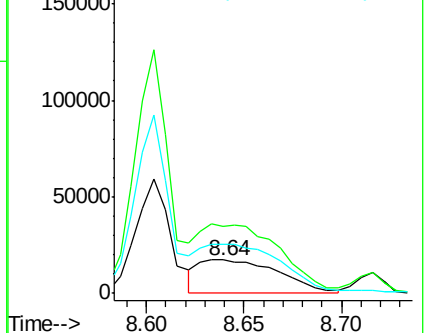
56 145.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.144 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

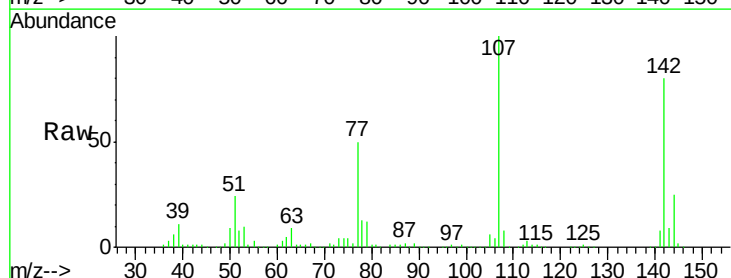
Tgt Ion:107 Resp: 375733

Ion Ratio Lower Upper

107 100

144 24.9 20.5 30.7

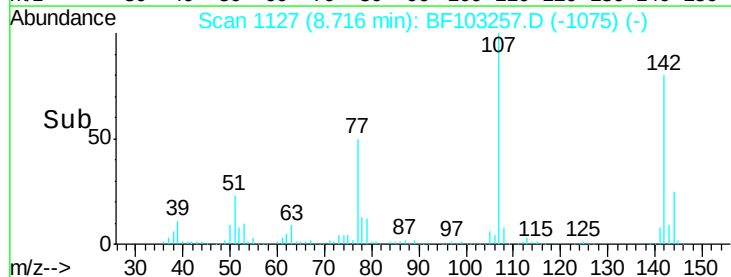
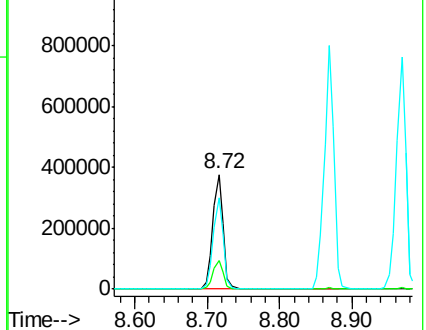
142 79.6 62.0 93.0

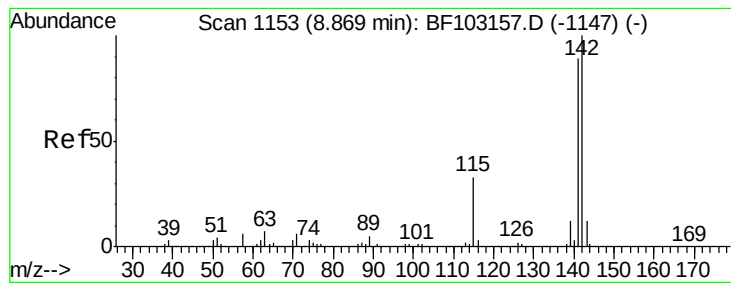


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

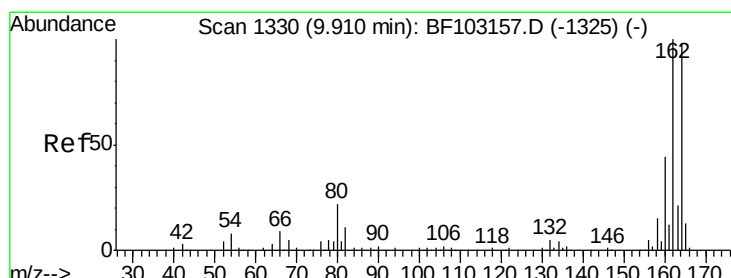
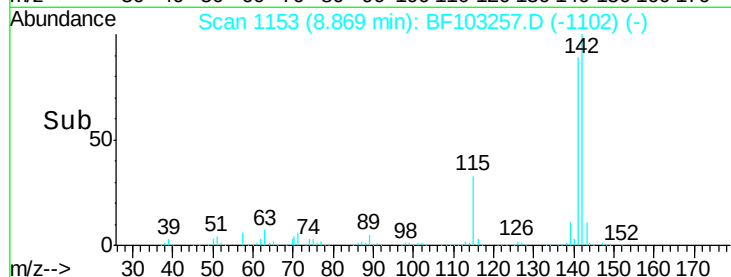
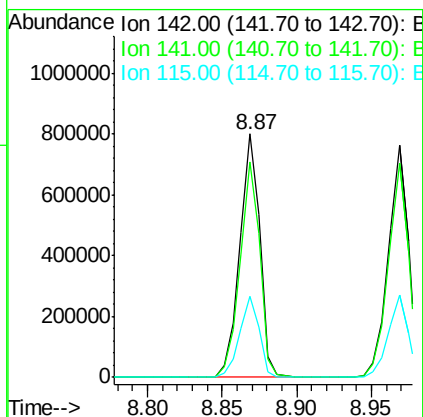
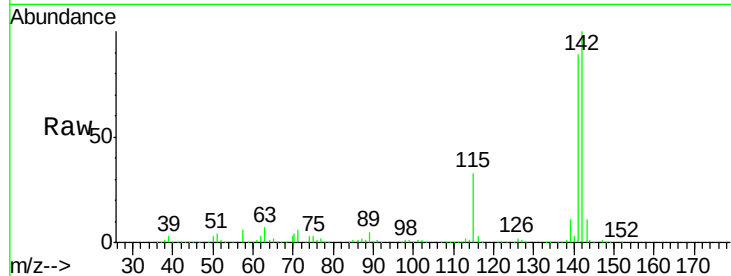




#37
 2-Methylnaphthalene
 Concen: 45.638 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

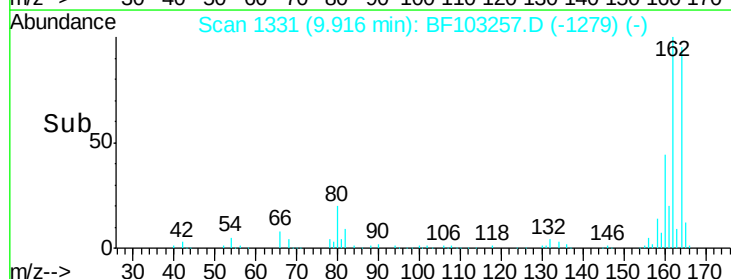
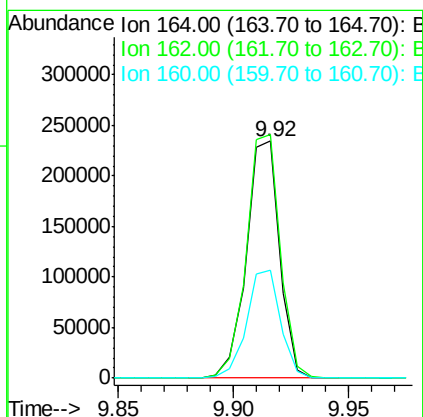
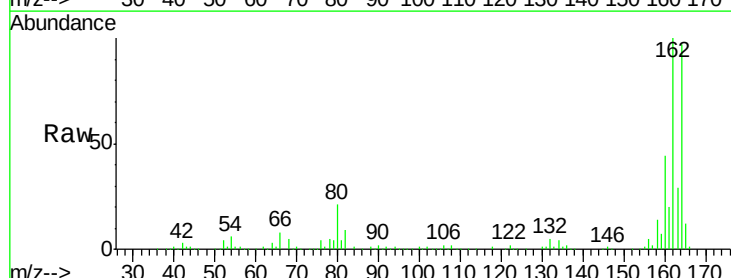
Instrument :
 BNA_F
 ClientSampleId :

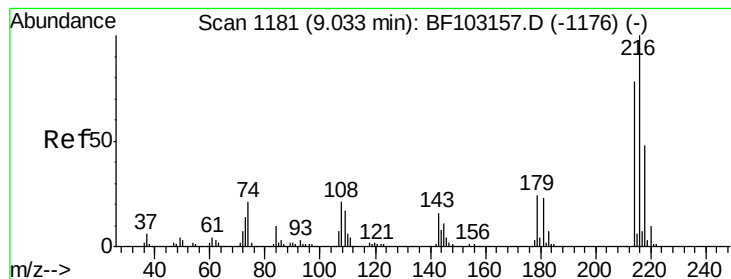
Tot Ion:142 Resp: 752265
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.8 106.2
 115 33.2 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tgt Ion:164 Resp: 235320
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 45.4 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.456 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 279559

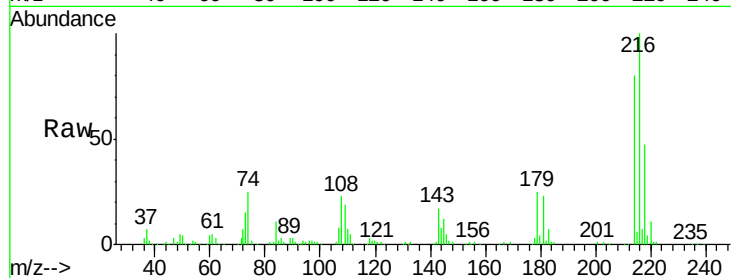
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 23.5 18.1 27.1

108 25.1 17.2 25.8

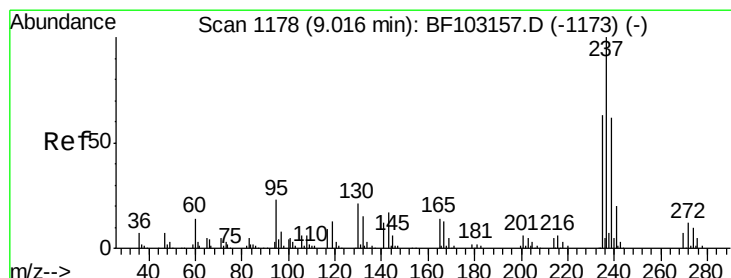
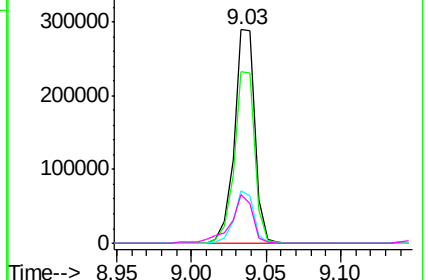
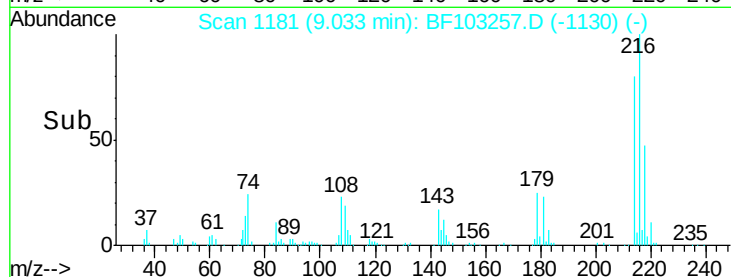


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 88.393 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

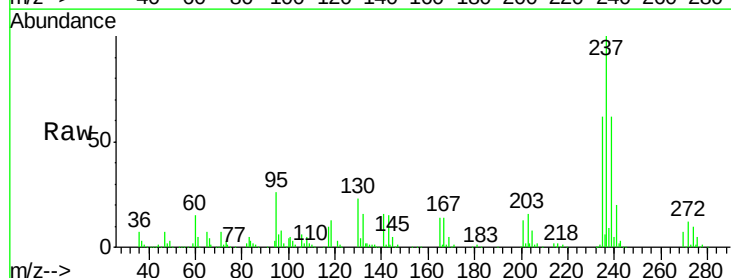
Tgt Ion:237 Resp: 202814

Ion Ratio Lower Upper

237 100

235 61.6 44.8 84.8

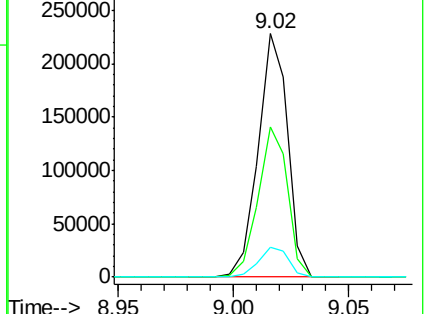
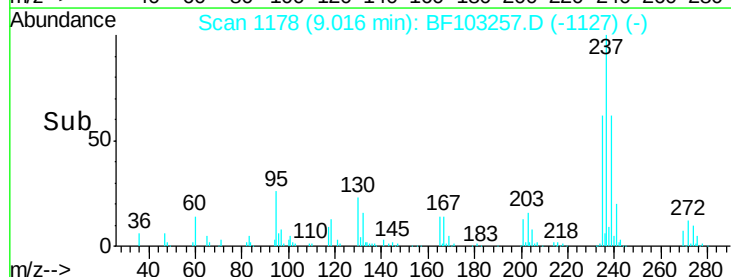
272 12.1 0.0 33.3

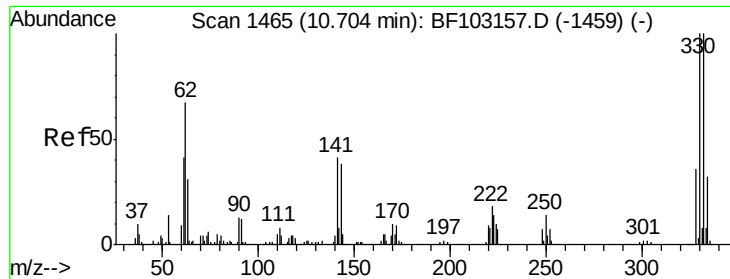


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

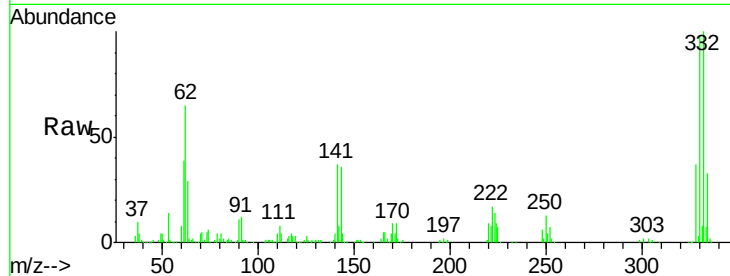




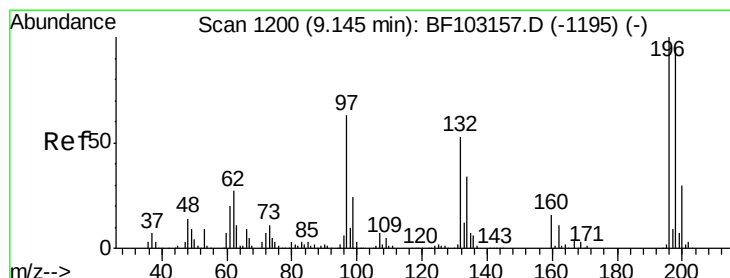
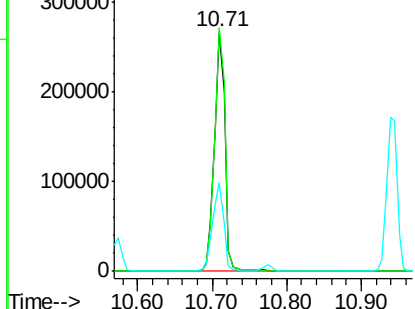
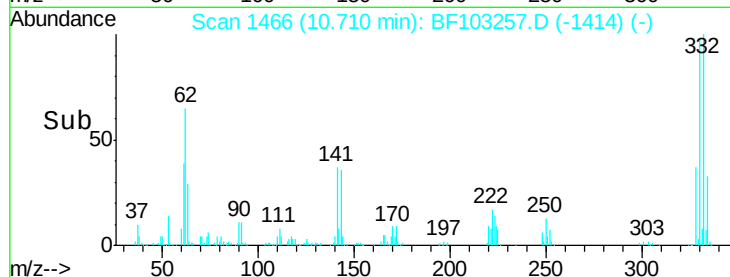
#41
 2,4,6-Tribromophenol
 Concen: 131.788 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.4	77.0	115.6
141	38.4	29.9	44.9

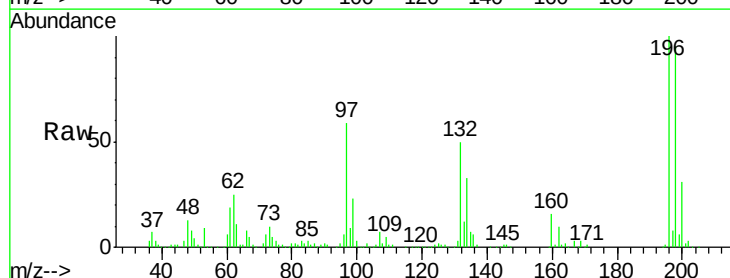


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

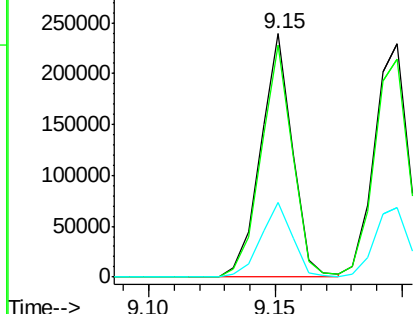
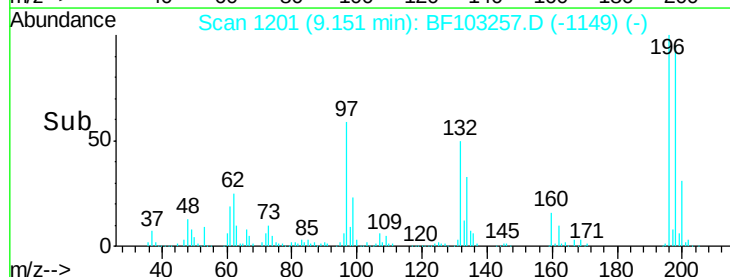


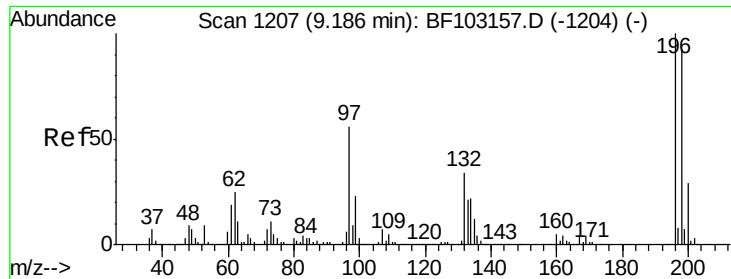
#42
 2,4,6-Trichlorophenol
 Concen: 47.873 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
200	30.5	24.5	36.7



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

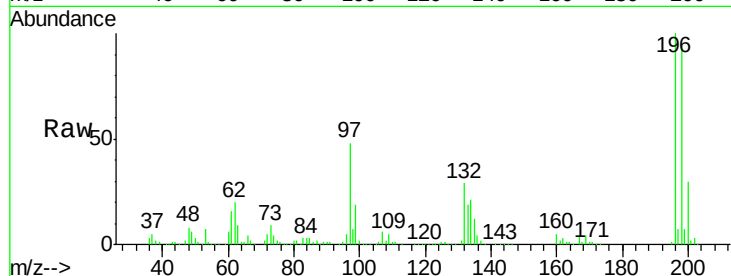




#43
 2,4,5-Trichlorophenol
 Concen: 45.149 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	224781
Ion Ratio	100	Lower	Upper
196	100		
198	93.6	74.6	112.0
97	48.2	42.9	64.3
132	29.5	26.3	39.5



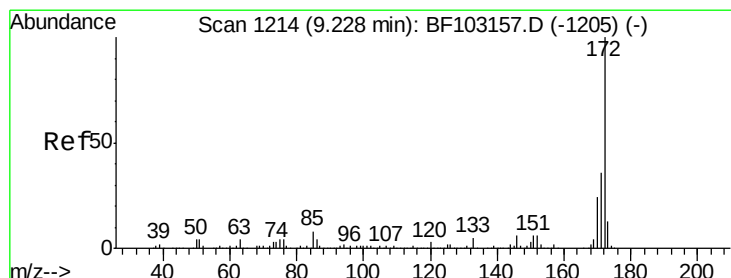
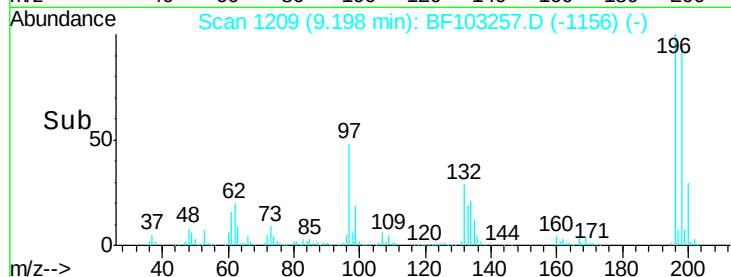
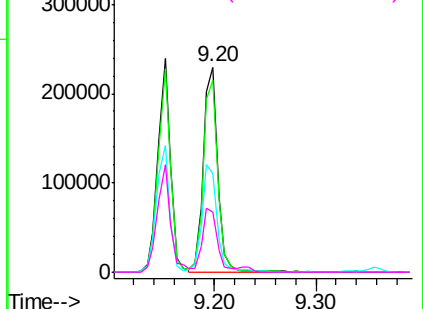
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

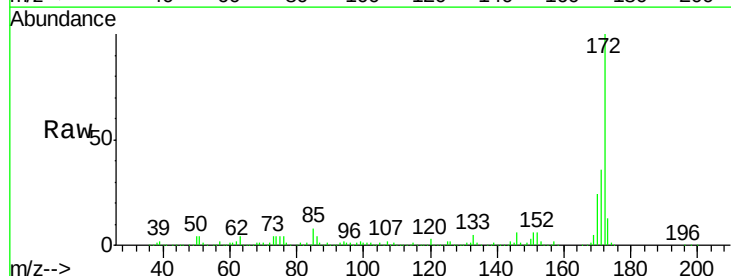
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.611 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tgt Ion	172	Resp	1114949
Ion Ratio	100	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

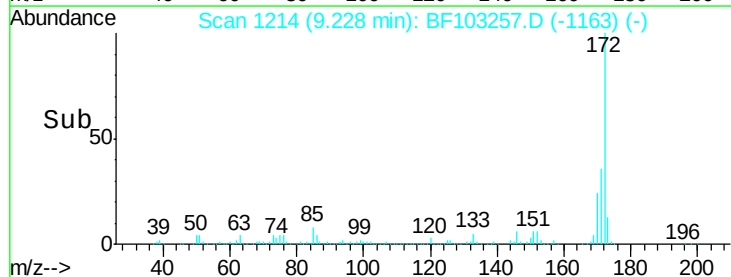
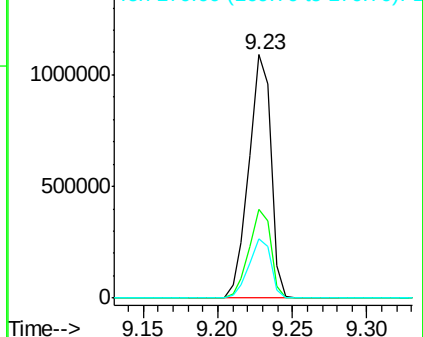


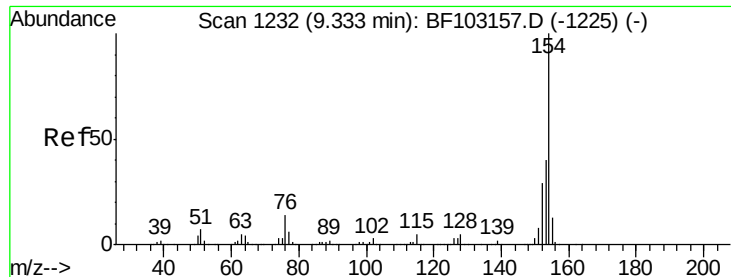
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

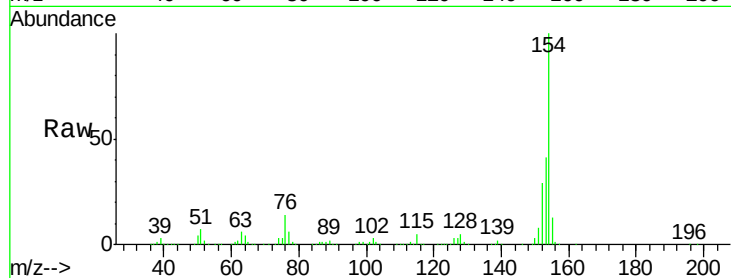




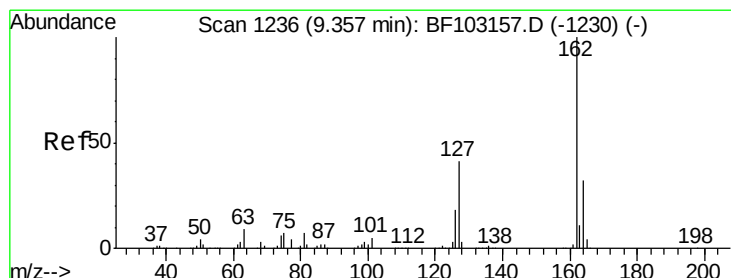
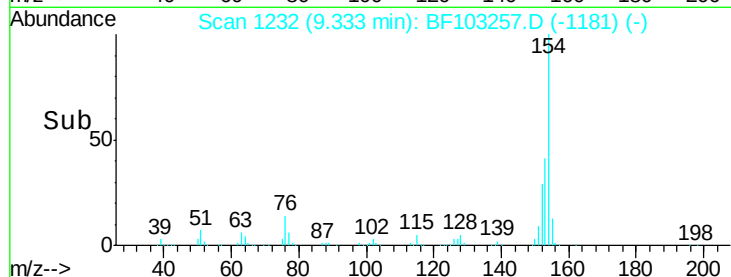
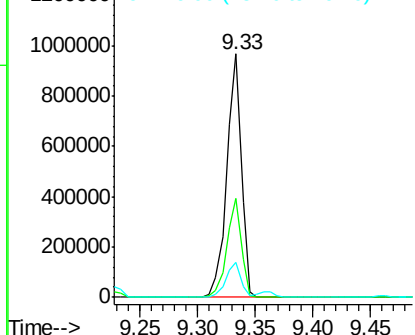
#45
 1,1'-Biphenyl
 Concen: 42.913 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	14.2	0.0	34.0

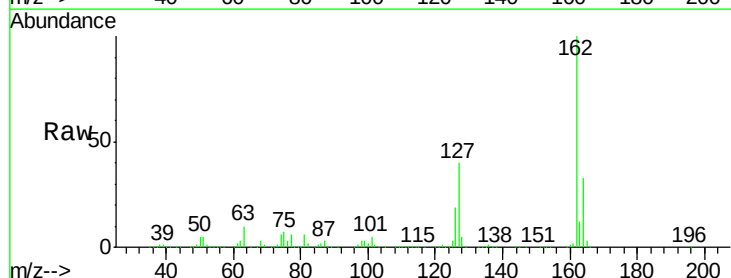


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

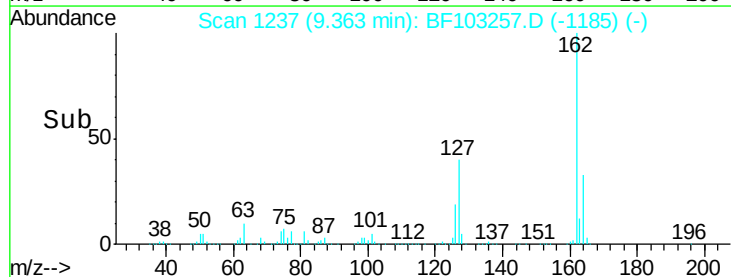
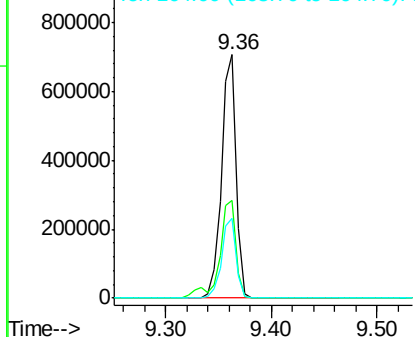


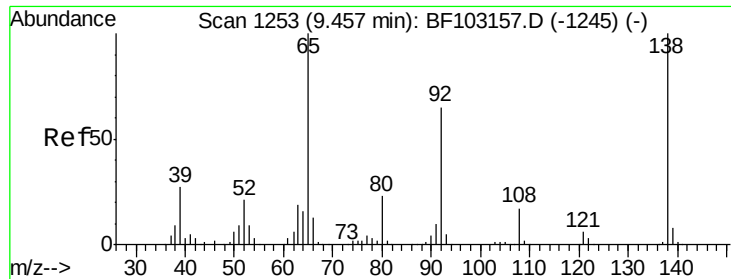
#46
 2-Chloronaphthalene
 Concen: 43.889 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.9	50.9
164	32.9	26.5	39.7



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

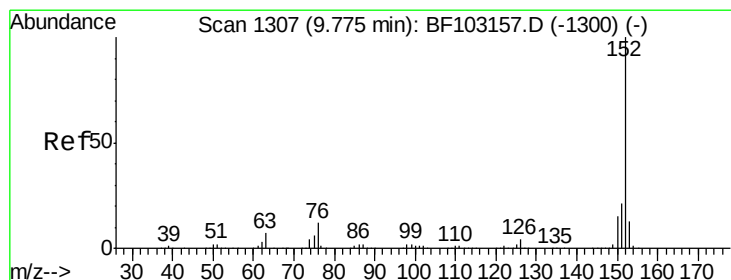
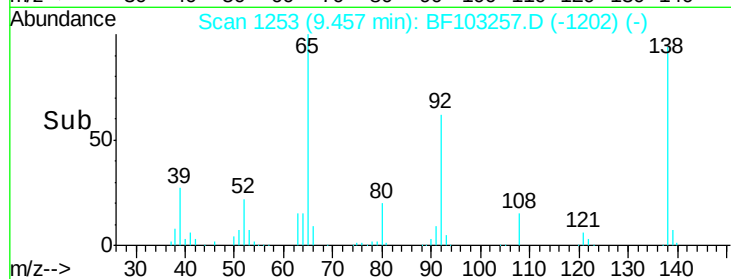
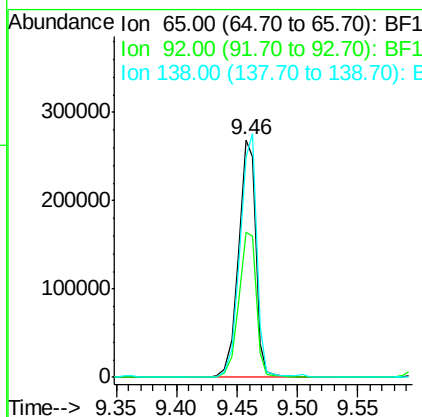
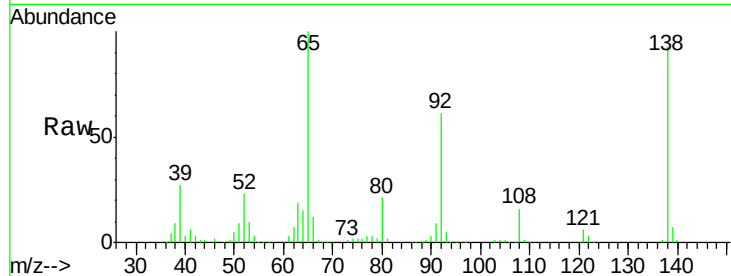




#47
2-Nitroaniline
Concen: 46.862 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

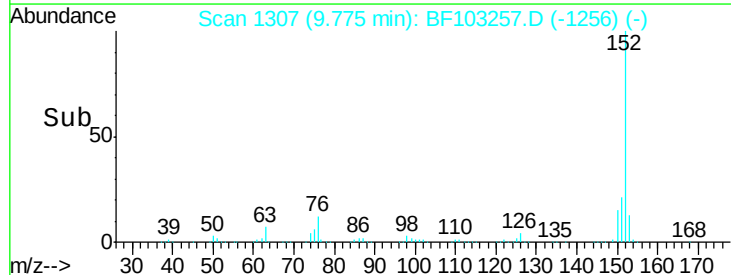
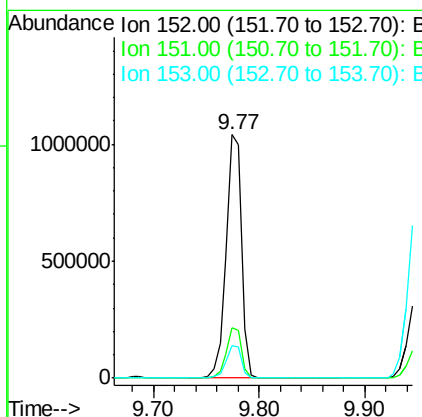
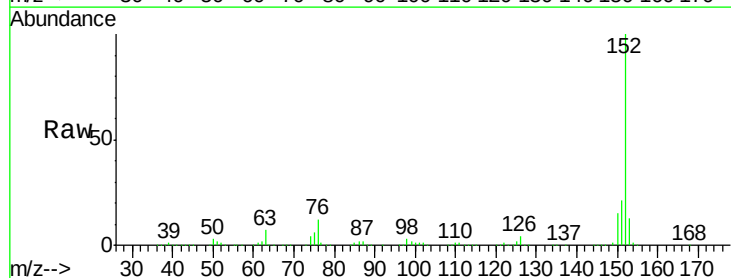
Instrument :
BNA_F
ClientSampleId :

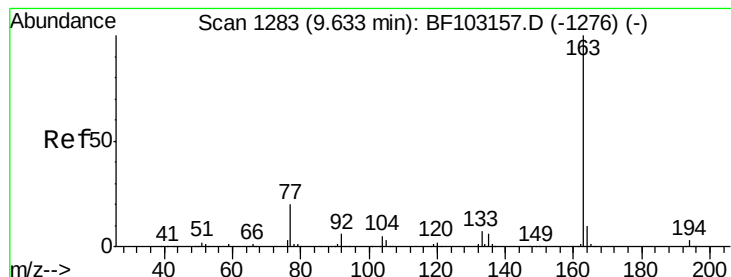
Tot Ion: 65 Resp: 270795
Ion Ratio Lower Upper
65 100
92 61.4 55.8 83.6
138 93.2 91.2 136.8



#48
Acenaphthylene
Concen: 43.735 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion: 152 Resp: 1049747
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 44.025 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

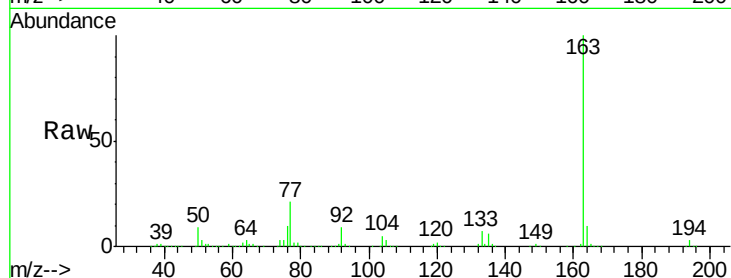
Tot Ion:163 Resp: 831085

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

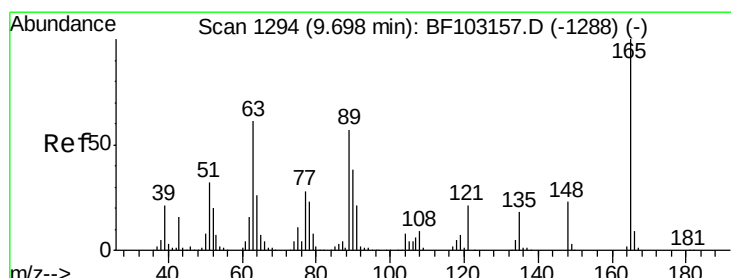
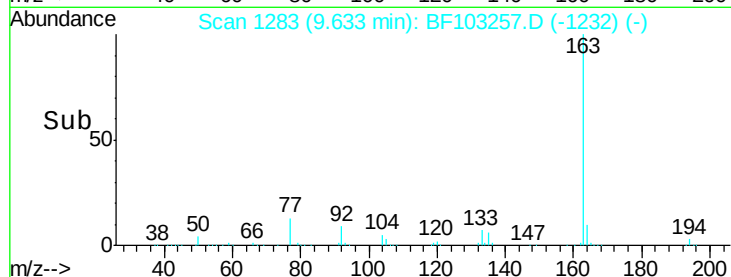
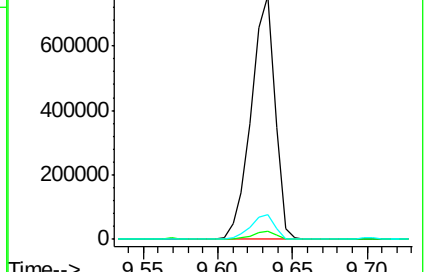
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.777 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

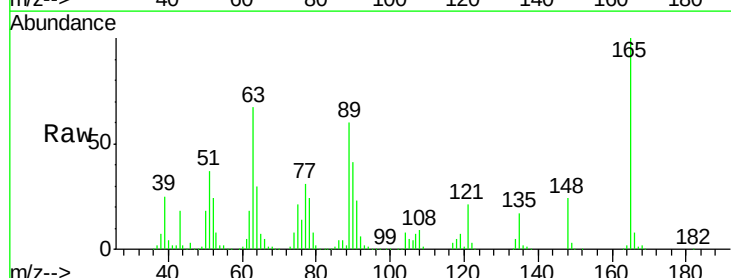
Tgt Ion:165 Resp: 185308

Ion Ratio Lower Upper

165 100

63 67.5 44.7 67.1#

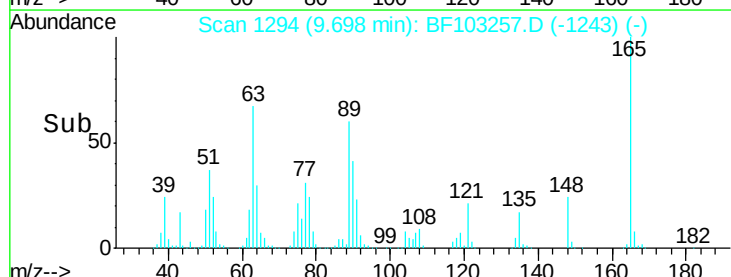
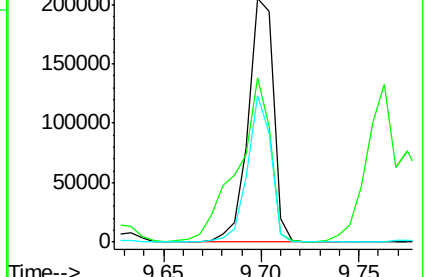
89 60.3 44.0 66.0

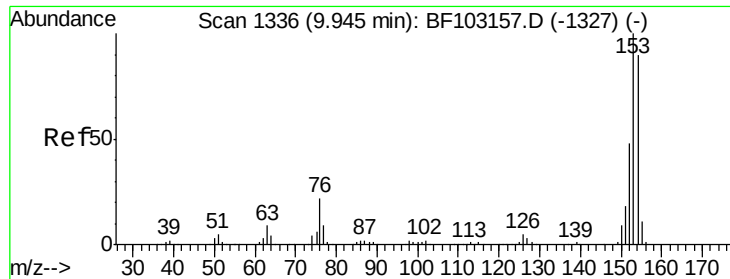


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 42.888 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

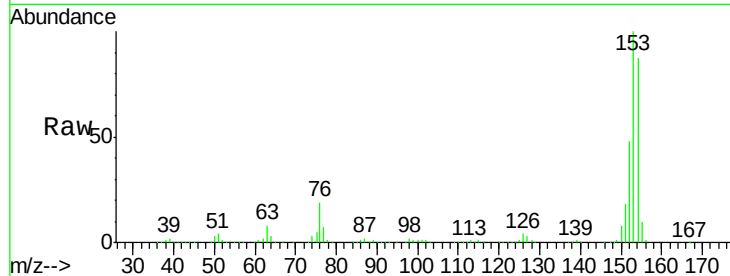
Tot Ion:154 Resp: 600260

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

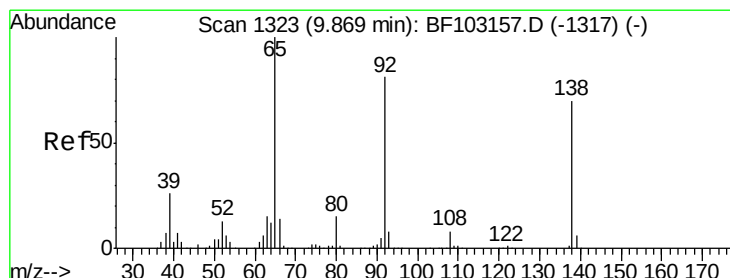
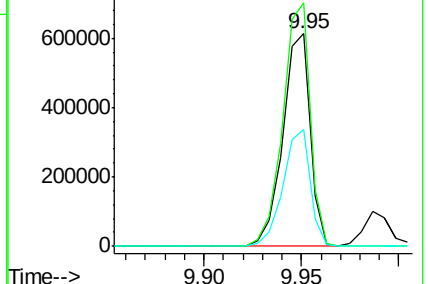
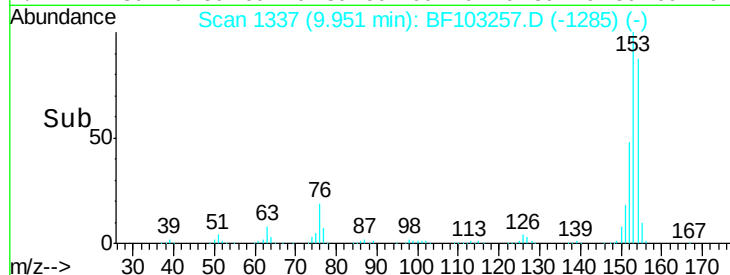
152 54.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.889 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

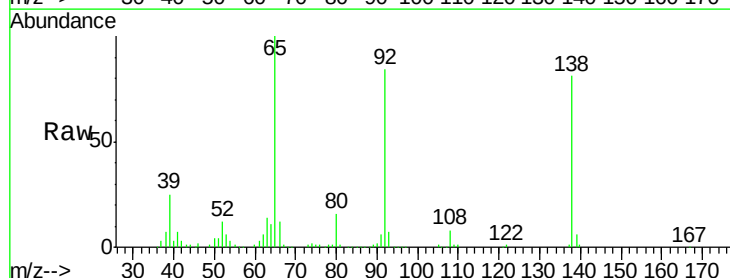
Tgt Ion:138 Resp: 165303

Ion Ratio Lower Upper

138 100

108 9.6 9.4 14.0

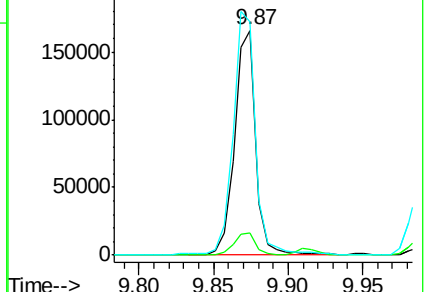
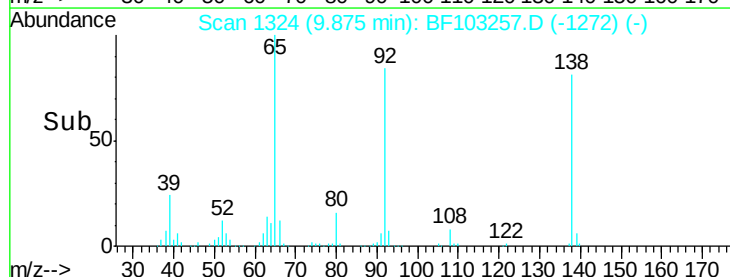
92 103.9 89.4 134.2

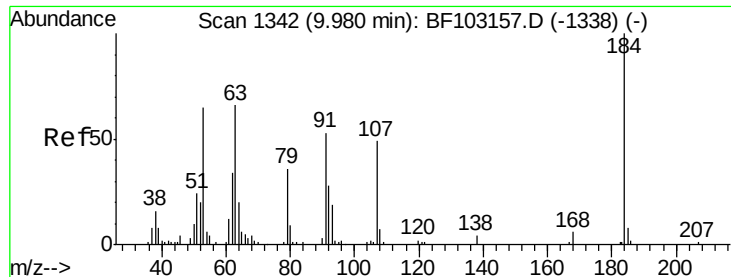


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

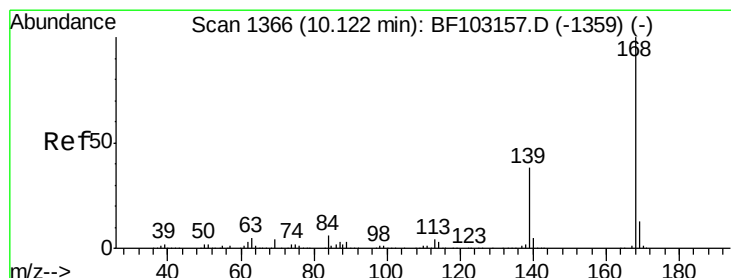
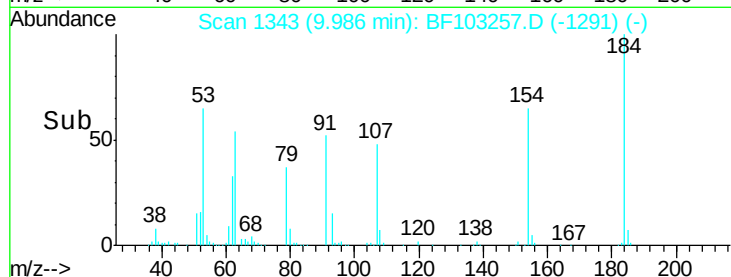
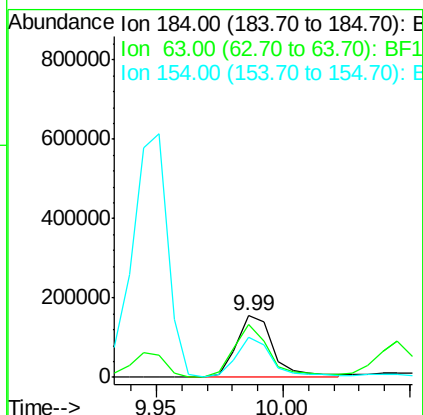
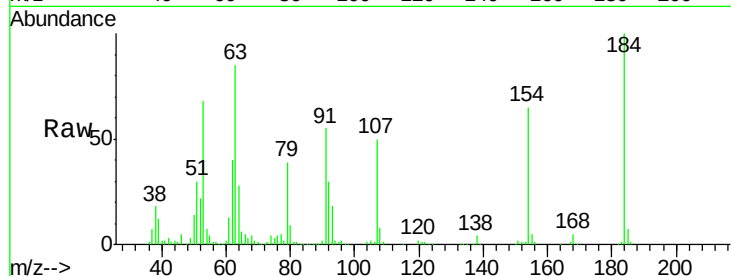




#53
 2,4-Dinitrophenol
 Concen: 107.417 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

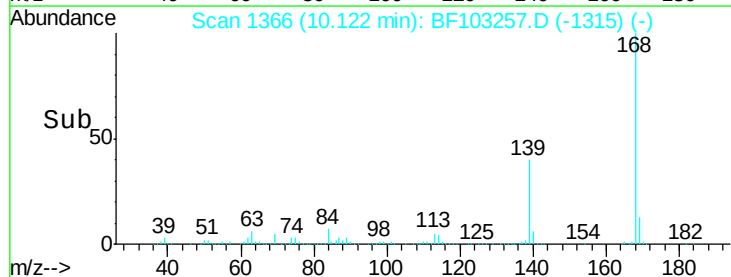
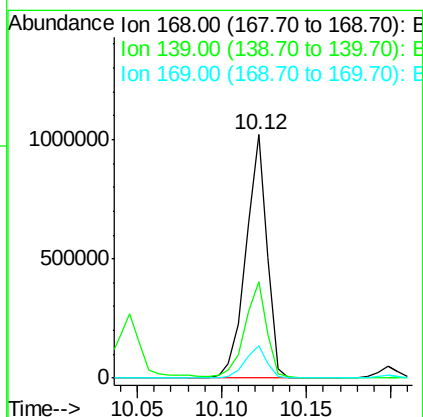
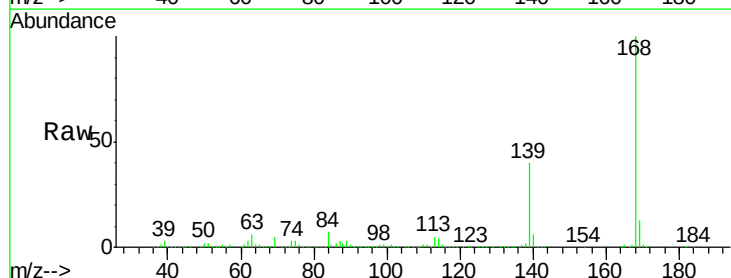
Instrument :
 BNA_F
 ClientSampled :

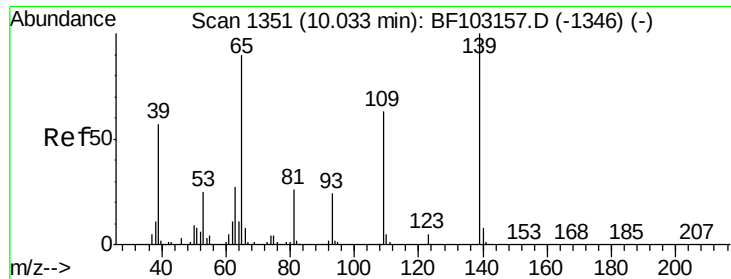
Tot Ion:184 Resp: 159073
 Ion Ratio Lower Upper
 184 100
 63 85.0 54.2 81.2#
 154 65.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 46.475 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tgt Ion:168 Resp: 892917
 Ion Ratio Lower Upper
 168 100
 139 39.8 30.1 45.1
 169 13.5 10.9 16.3

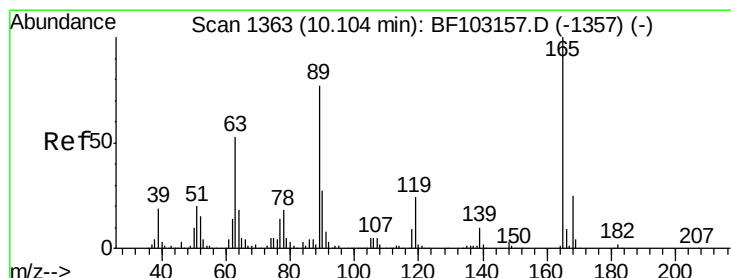
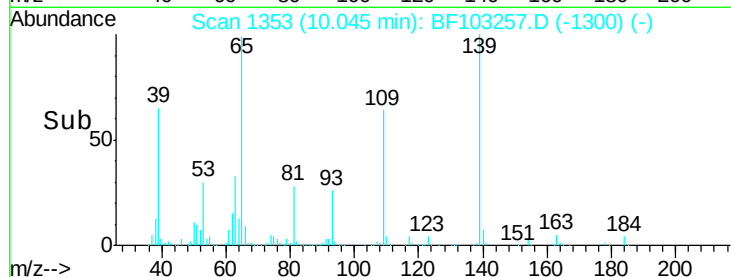
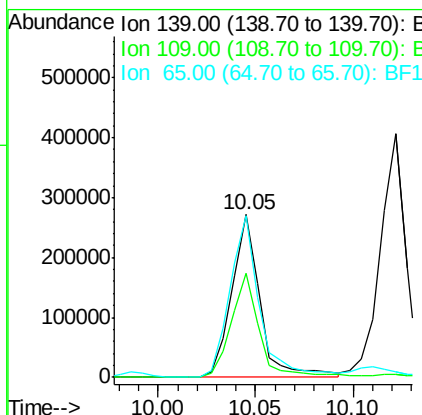
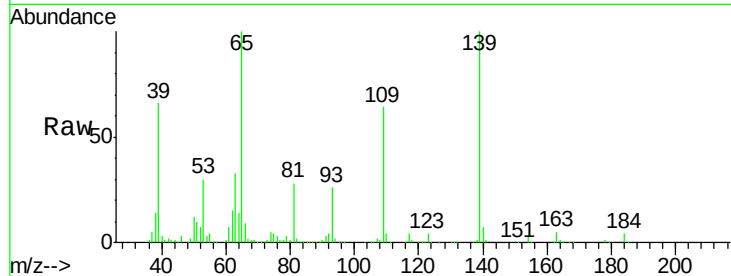




#55
4-Nitrophenol
Concen: 87.811 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

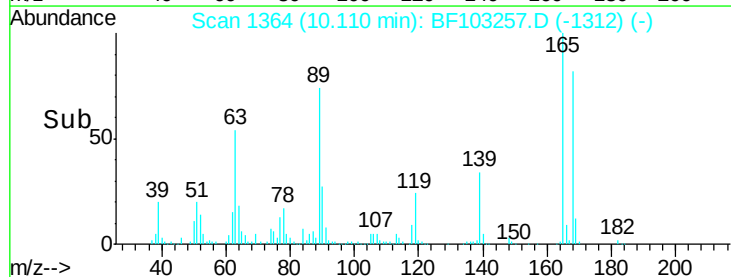
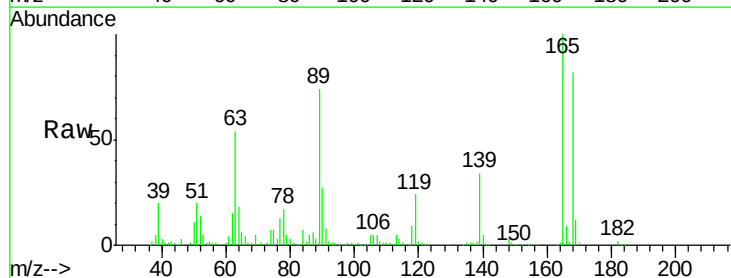
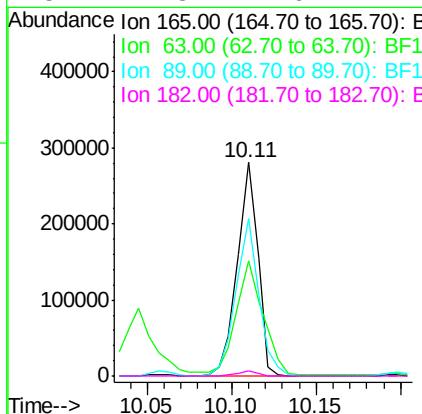
Instrument :
BNA_F
ClientSampled :

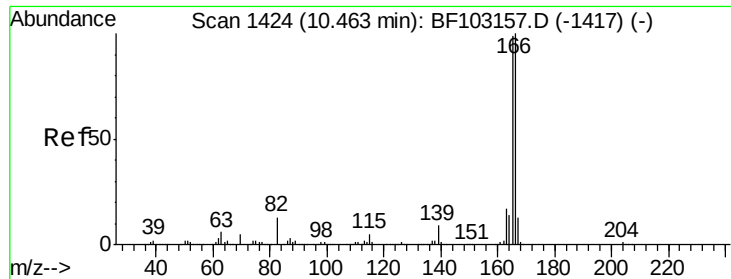
Tot Ion	Ratio	Lower	Upper
139	100		
109	64.0	48.4	88.4
65	99.6	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 47.842 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.7	36.4	54.6
89	73.7	57.8	86.6
182	2.3	1.6	2.4

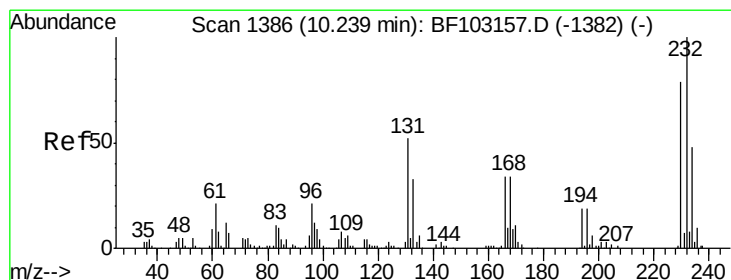
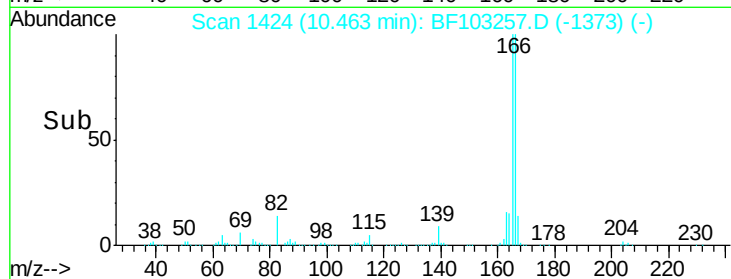
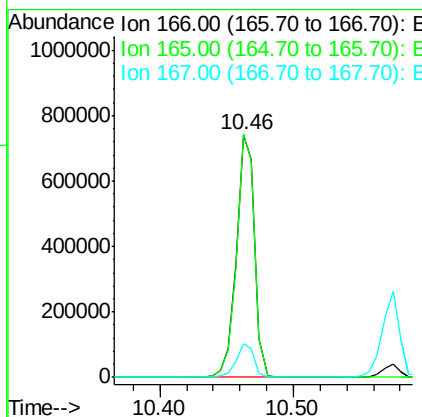
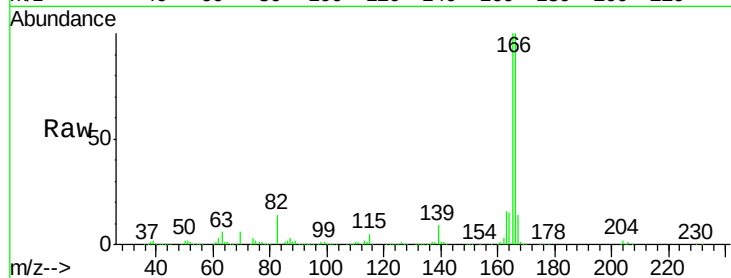




#57
 Fluorene
 Concen: 42.998 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

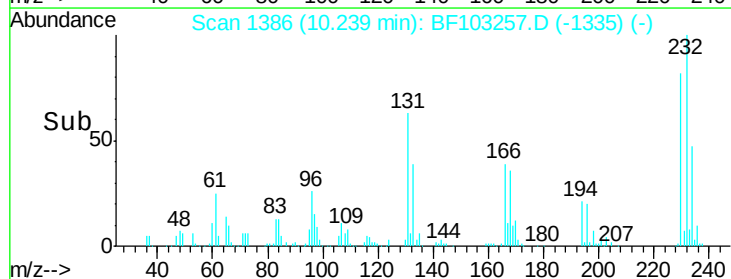
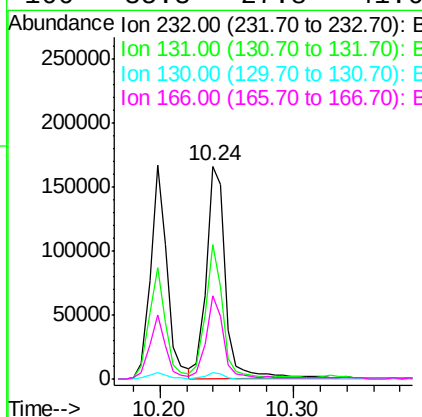
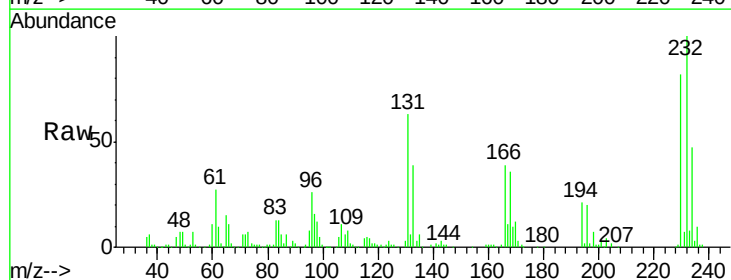
Instrument :
 BNA_F
 ClientSampleId :

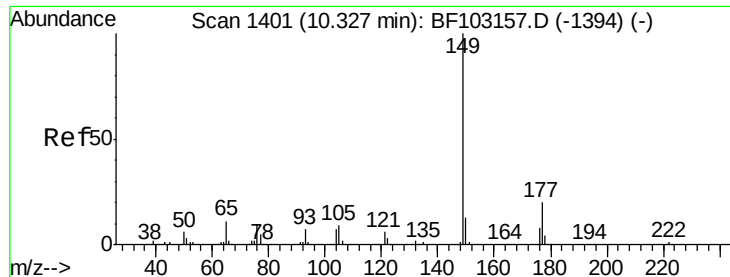
Tot Ion:166 Resp: 703737
 Ion Ratio Lower Upper
 166 100
 165 100.4 79.8 119.8
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.966 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tgt Ion:232 Resp: 163768
 Ion Ratio Lower Upper
 232 100
 131 58.1 43.8 65.8
 130 2.7 2.1 3.1
 166 35.3 27.8 41.6

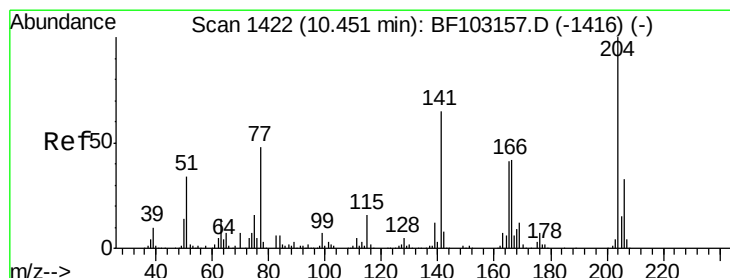
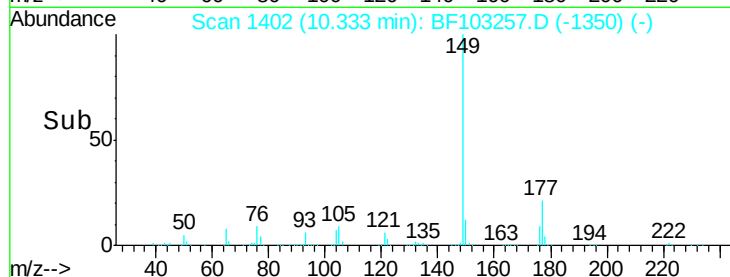
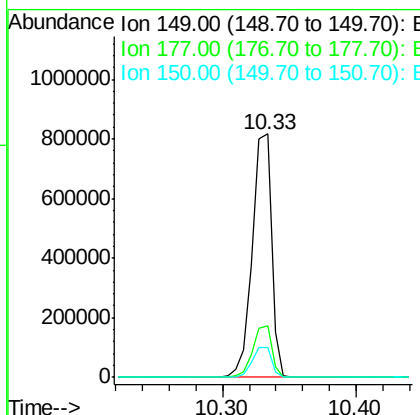
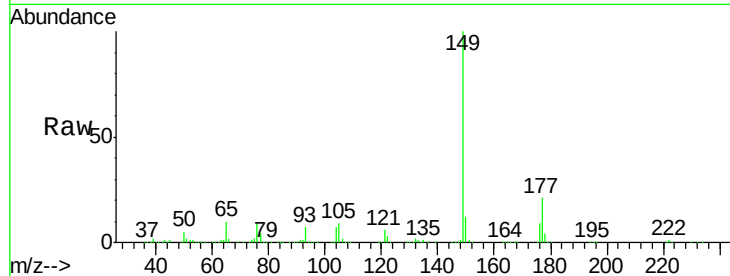




#59
Diethylphthalate
Concen: 44.386 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

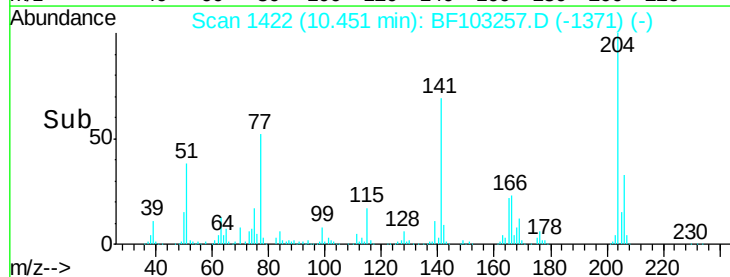
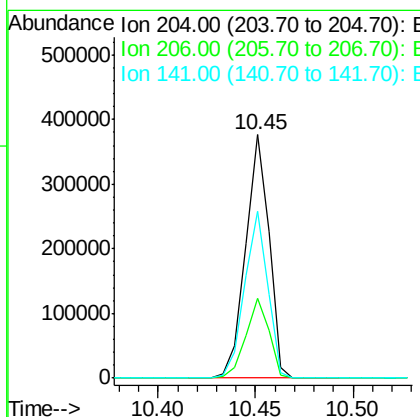
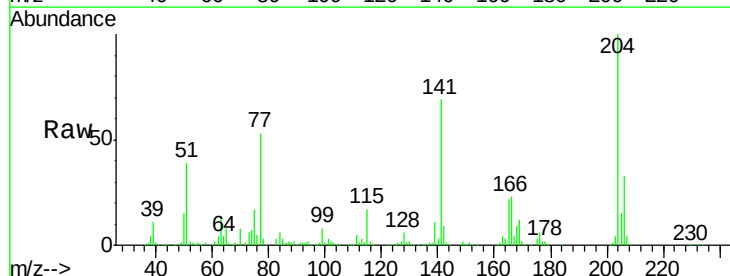
Instrument :
BNA_F
ClientSampled :

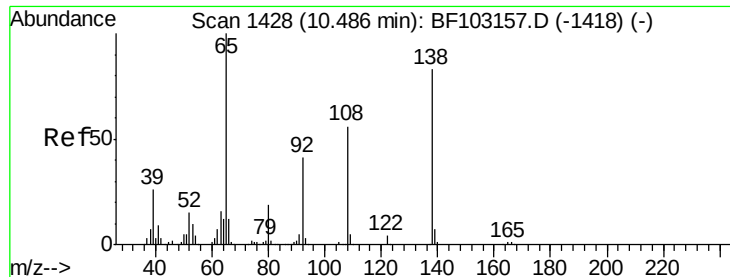
Tot Ion:149 Resp: 801397
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 45.083 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion:204 Resp: 312904
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 68.7 54.6 81.8





#61

4-Nitroaniline

Concen: 46.607 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

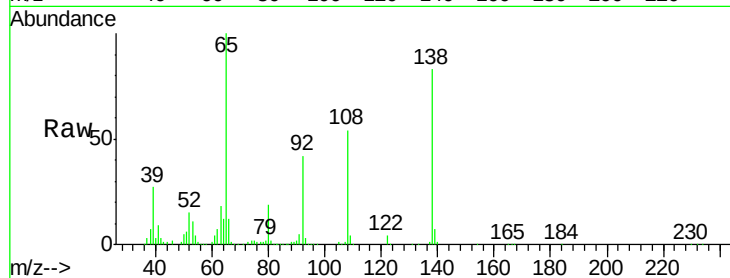
Instrument :

BNA_F

ClientSampleId :

Tot Ion:138 Resp: 233977

Ion	Ratio	Lower	Upper
138	100		
92	50.4	30.2	70.2
108	66.0	52.5	92.5

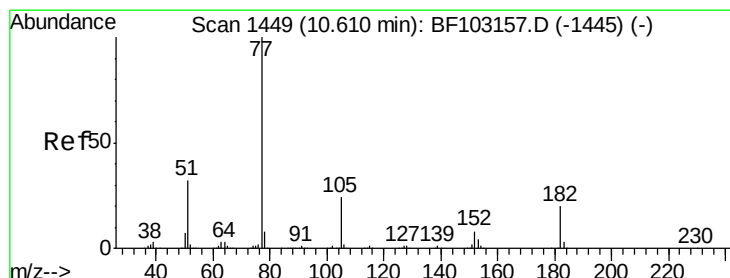
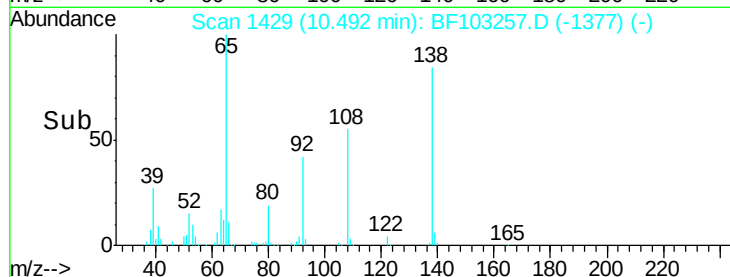
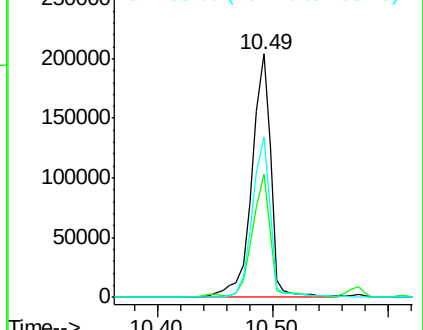


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.704 ng

RT: 10.62 min Scan# 1450

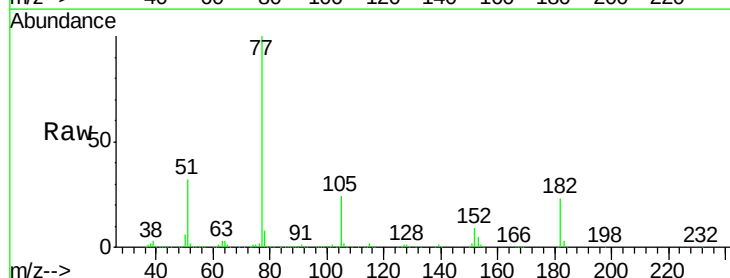
Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Tgt Ion: 77 Resp: 839938

Ion	Ratio	Lower	Upper
77	100		
182	23.2	1.7	41.7
105	24.4	3.0	43.0
51	31.7	9.9	49.9



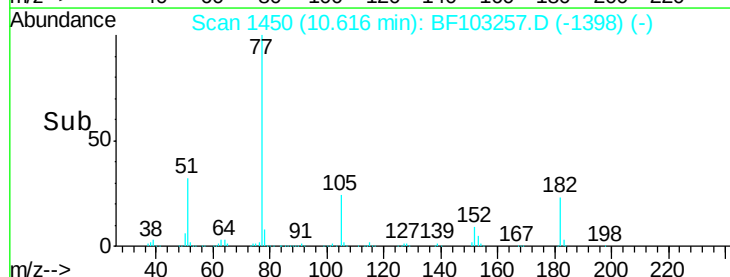
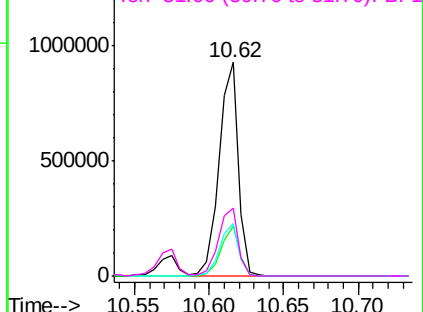
Abundance

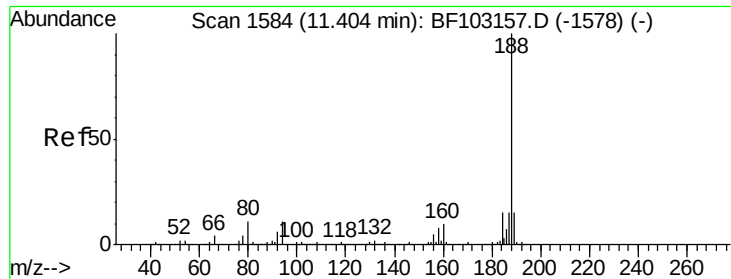
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

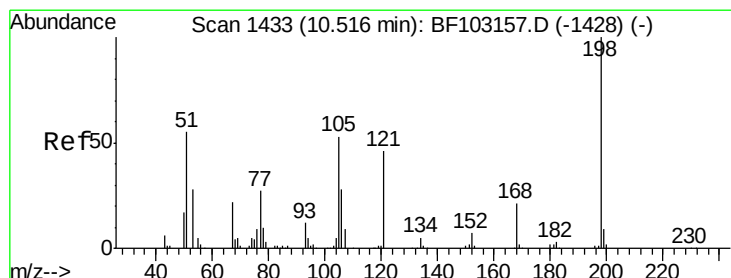
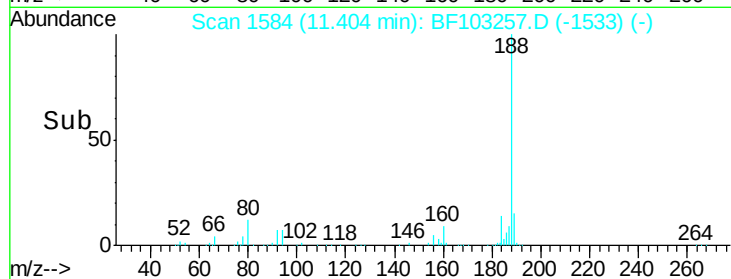
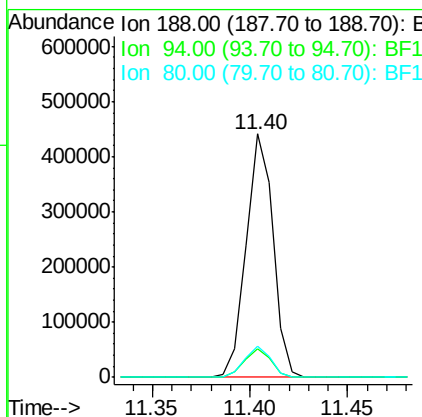
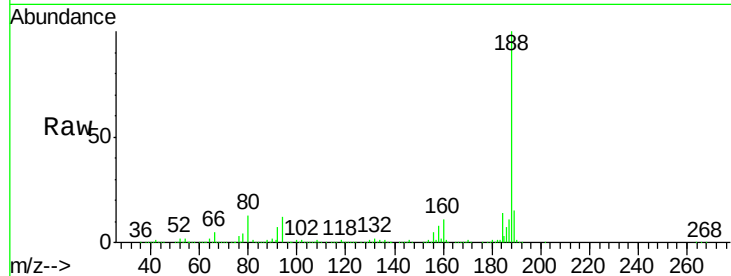




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

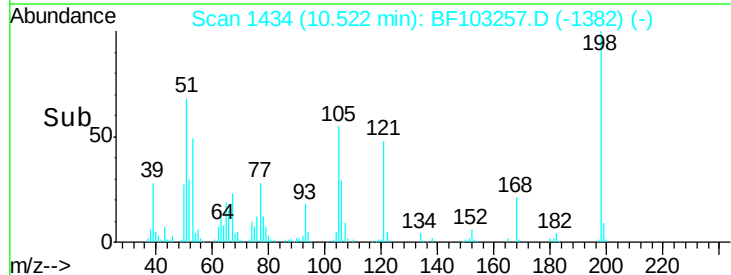
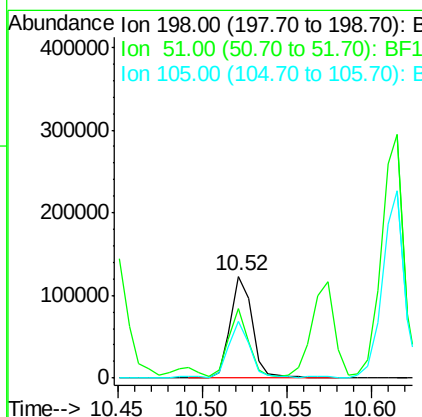
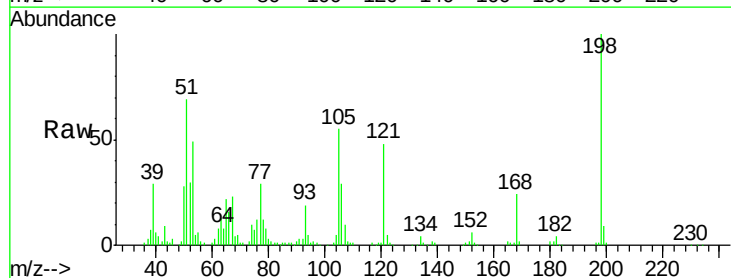
Instrument :
BNA_F
ClientSampled :

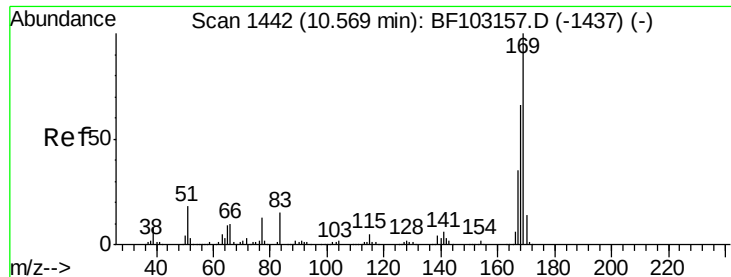
Tot Ion:188 Resp: 421560
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 12.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 44.248 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion:198 Resp: 112392
Ion Ratio Lower Upper
198 100
51 68.6 37.7 77.7
105 55.3 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 43.946 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

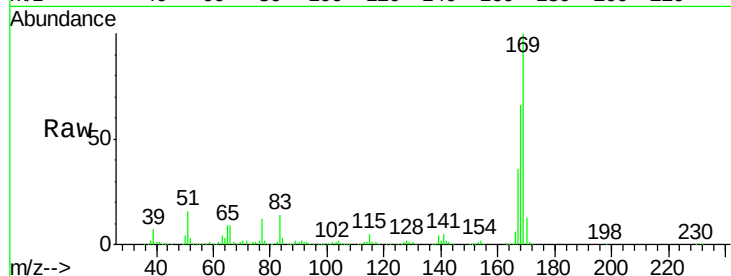
Tot Ion:169 Resp: 645043

Ion Ratio Lower Upper

169 100

168 66.2 54.4 81.6

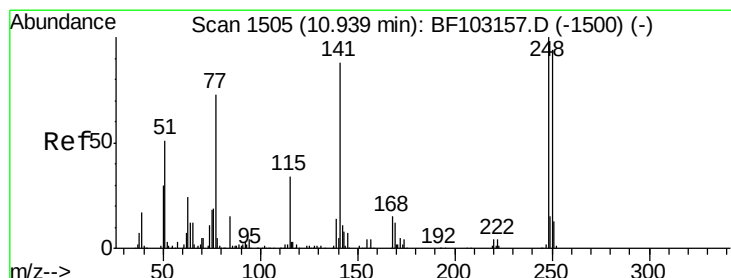
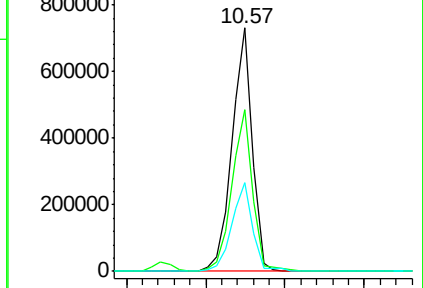
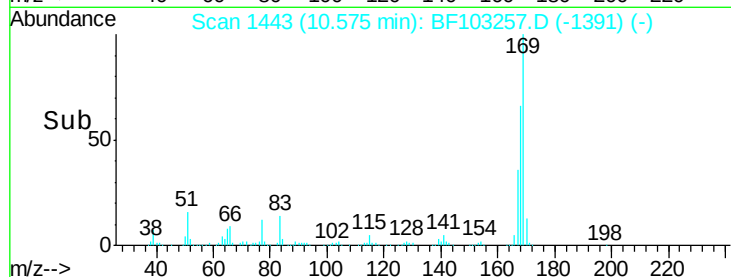
167 36.3 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.607 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

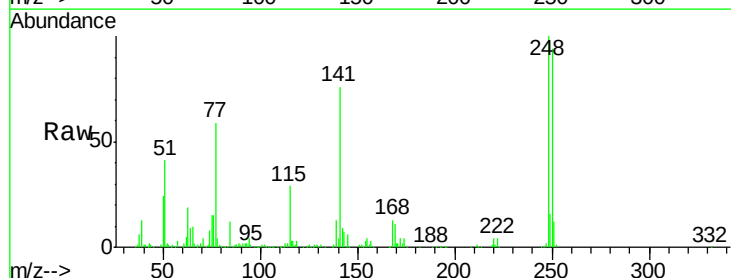
Tgt Ion:248 Resp: 195887

Ion Ratio Lower Upper

248 100

250 94.0 76.9 115.3

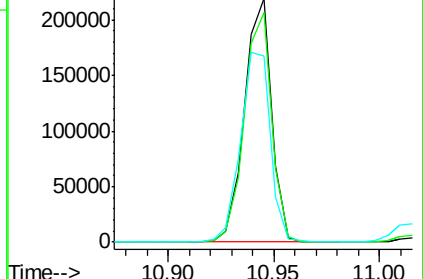
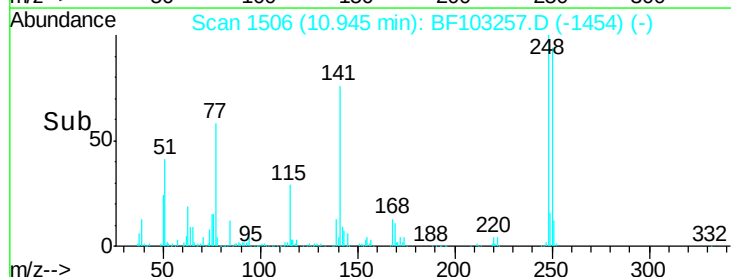
141 76.2 74.4 111.6

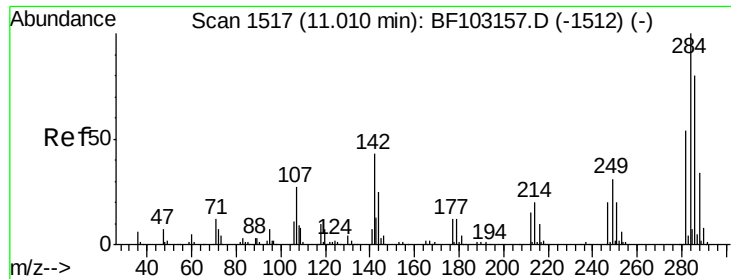


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.722 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

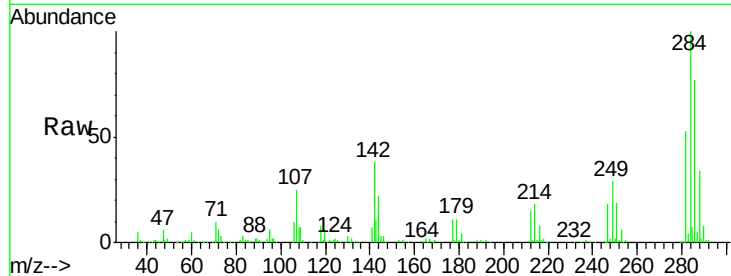
Tot Ion:284 Resp: 203632

Ion Ratio Lower Upper

284 100

142 38.4 34.6 52.0

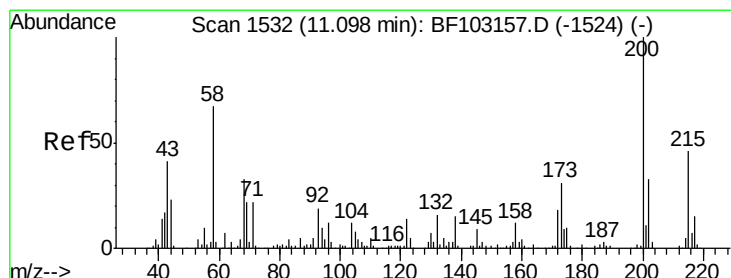
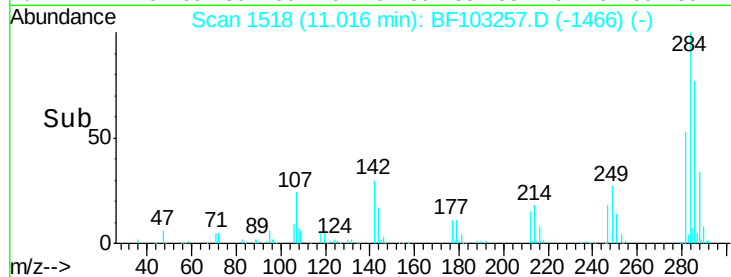
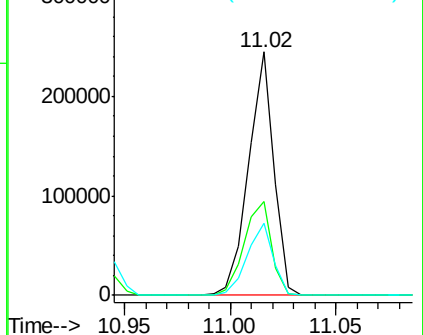
249 29.4 24.8 37.2



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: 46.644 ng

RT: 11.10 min Scan# 1533

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

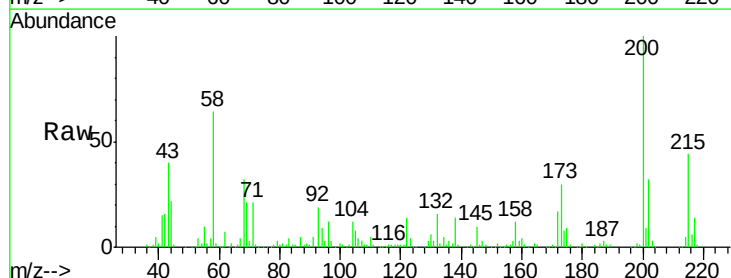
Tgt Ion:200 Resp: 205783

Ion Ratio Lower Upper

200 100

173 29.7 8.6 48.6

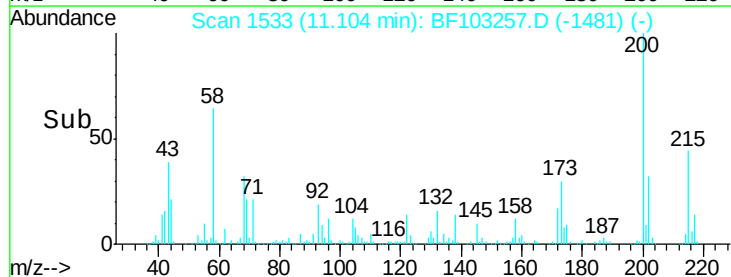
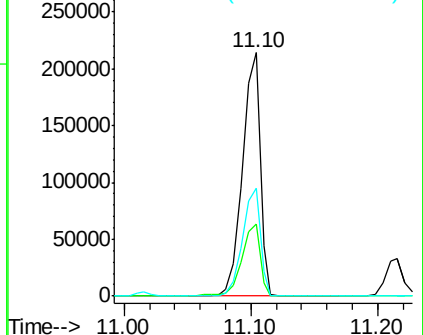
215 44.1 25.1 65.1

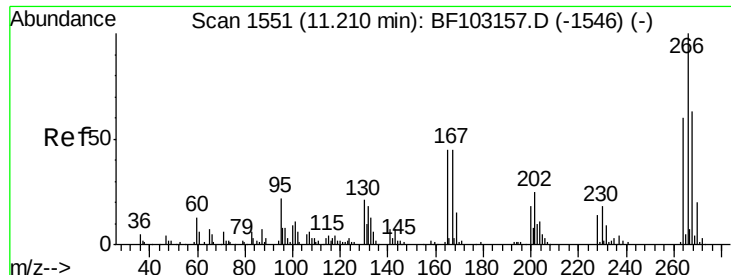


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

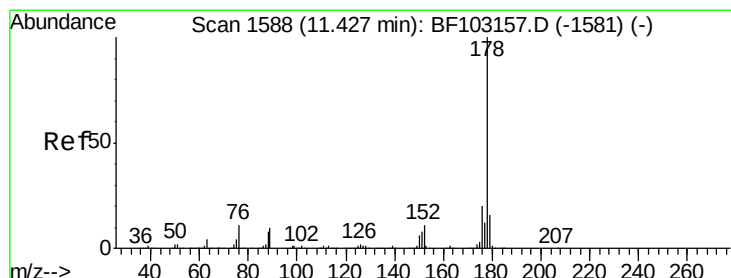
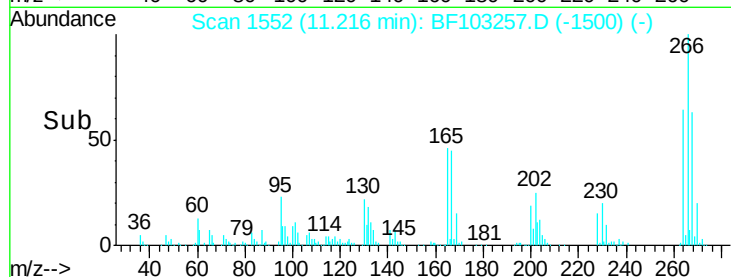
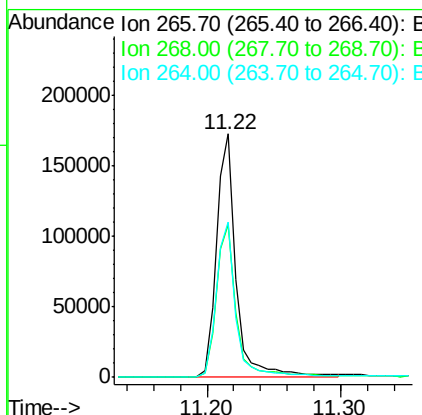
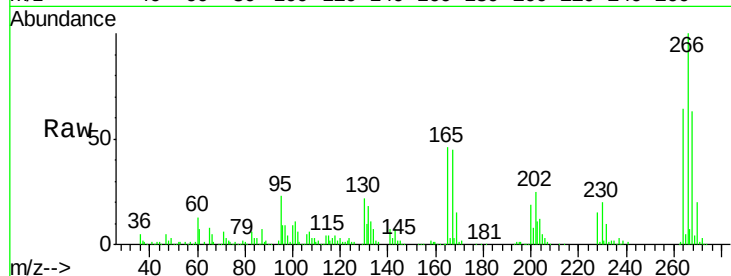




#69
 Pentachlorophenol
 Concen: 78.002 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

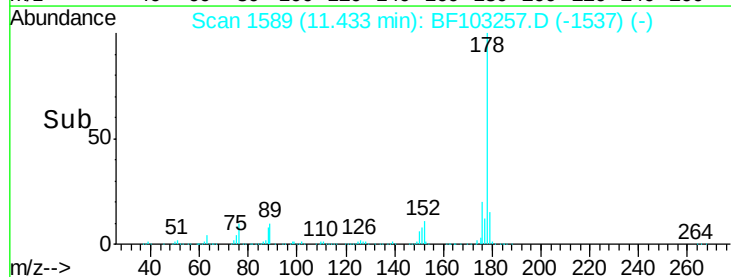
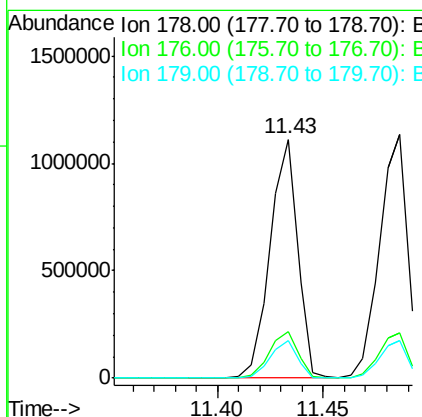
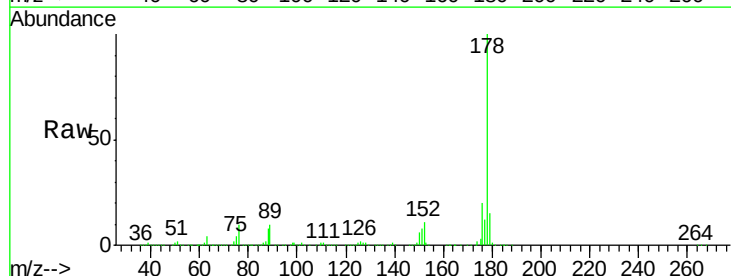
Instrument :
 BNA_F
 ClientSampled :

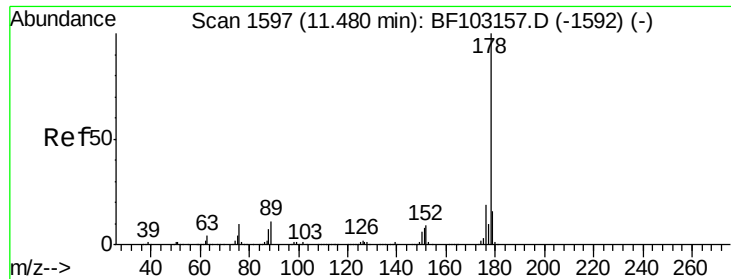
Tot Ion:266 Resp: 179766
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 64.0 49.5 74.3



#70
 Phenanthrene
 Concen: 43.638 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tgt Ion:178 Resp: 1012388
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.5 13.0 19.6

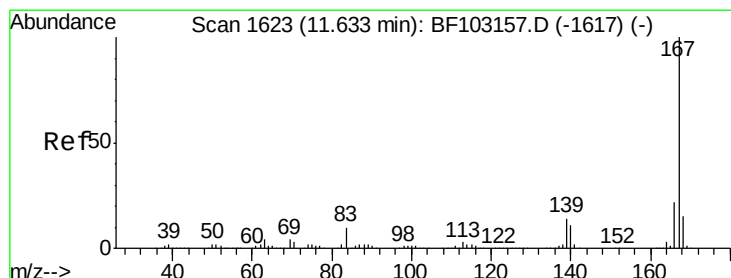
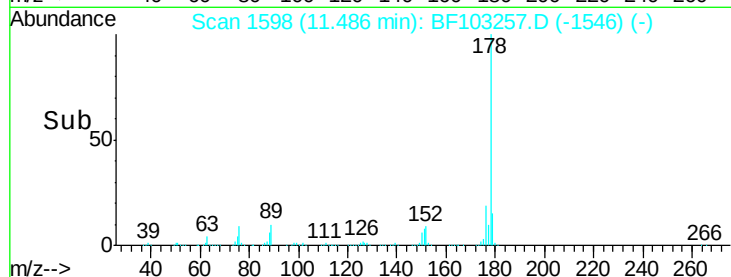
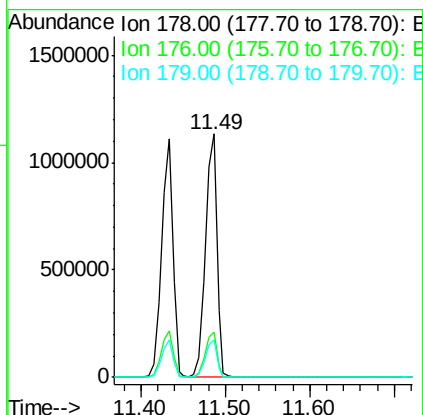
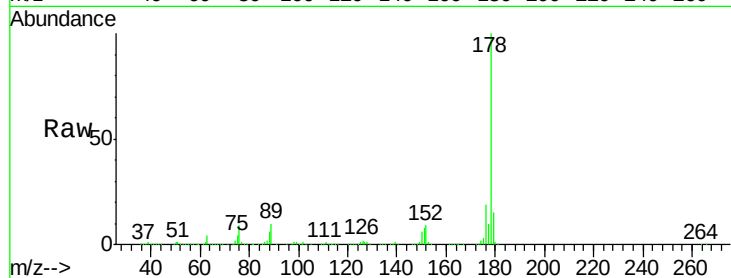




#71
 Anthracene
 Concen: 44.766 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

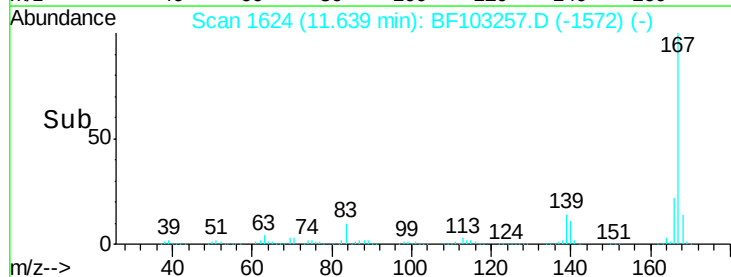
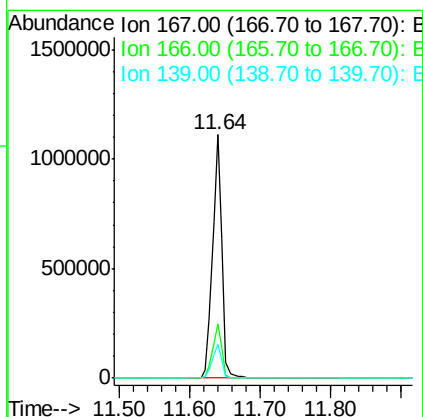
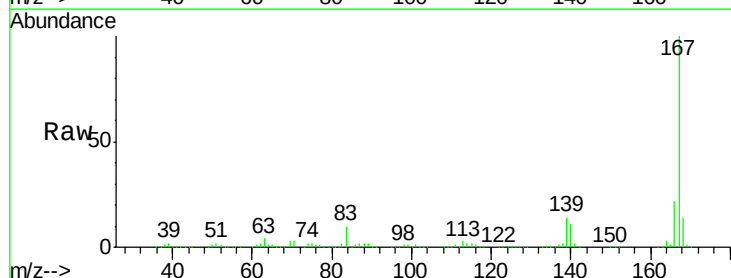
Instrument :
 BNA_F
 ClientSampled :

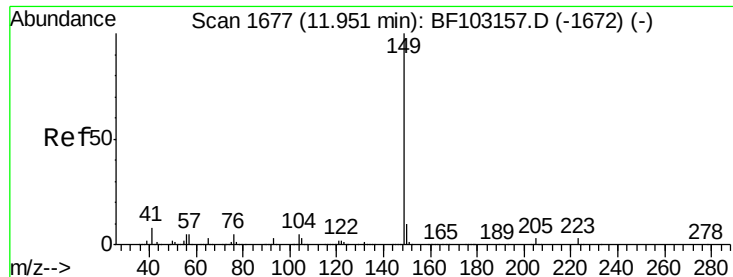
Tot Ion:178 Resp: 1064979
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 43.435 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tgt Ion:167 Resp: 1029014
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 14.1 10.9 16.3

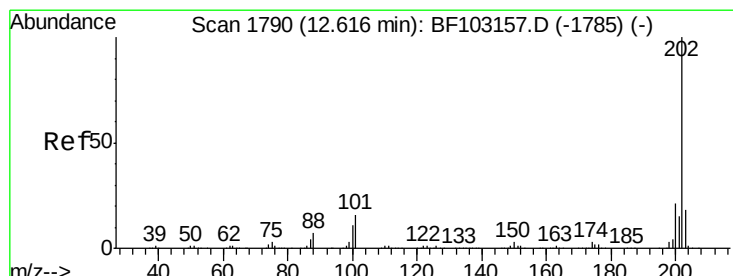
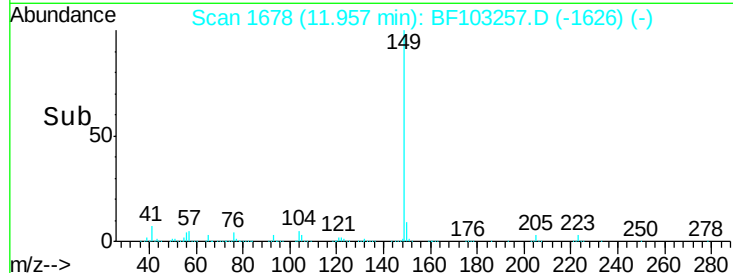
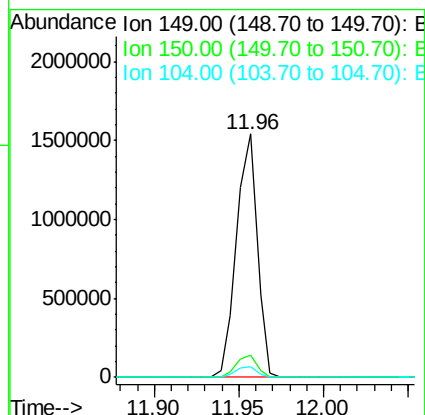
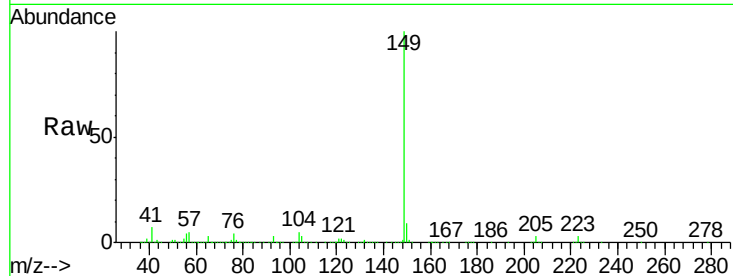




#73
Di-n-butylphthalate
Concen: 44.518 ng
RT: 11.96 min Scan# 1678
Delta R.T. 0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

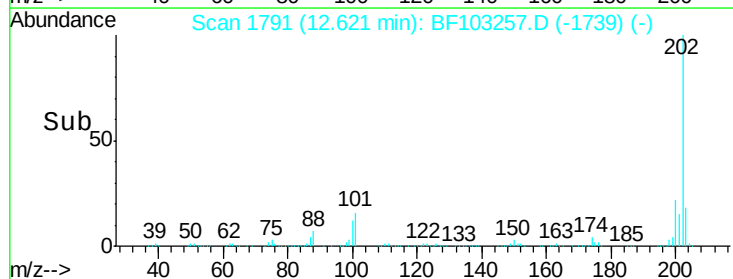
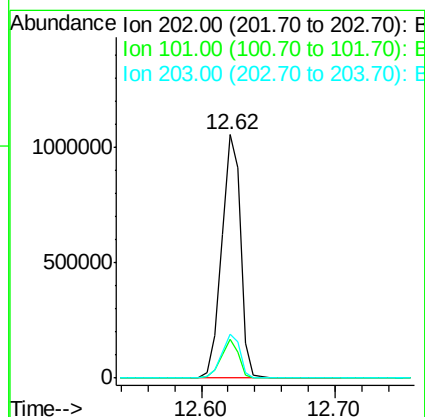
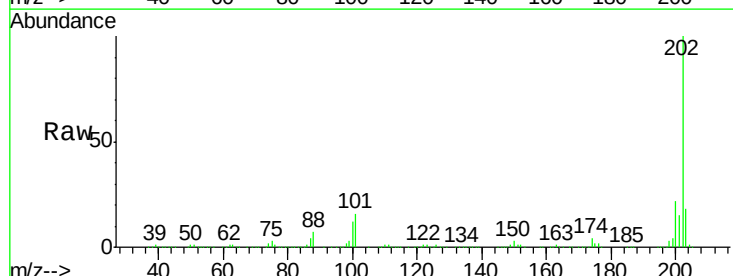
Instrument :
BNA_F
ClientSampleId :

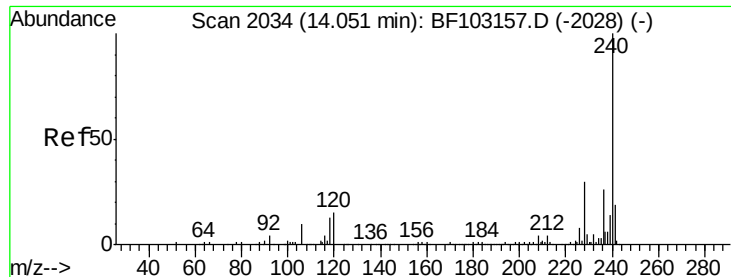
Tot Ion:149 Resp: 1319690
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.6 3.8 5.8



#74
Fluoranthene
Concen: 45.257 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion:202 Resp: 1055087
Ion Ratio Lower Upper
202 100
101 16.1 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampled :

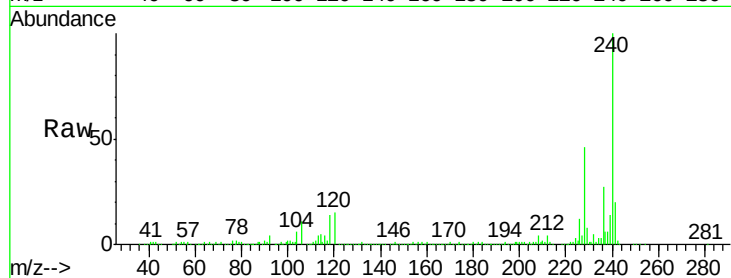
Tot Ion:240 Resp: 313379

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

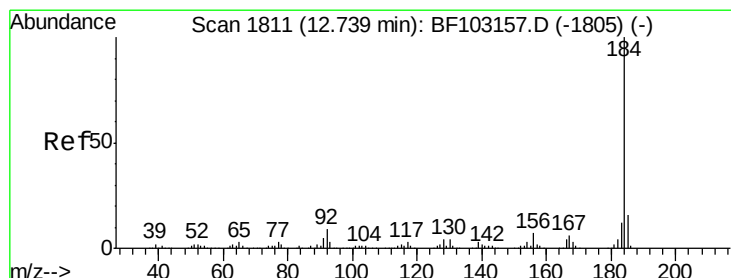
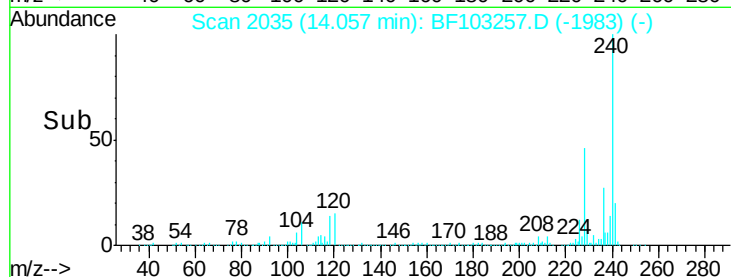
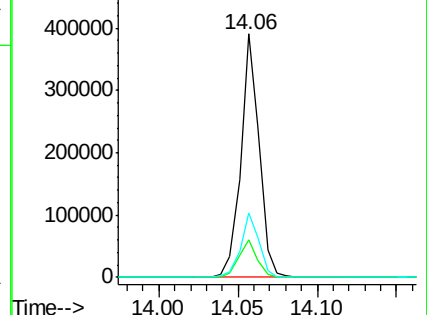
236 26.6 20.7 31.1



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: 44.601 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

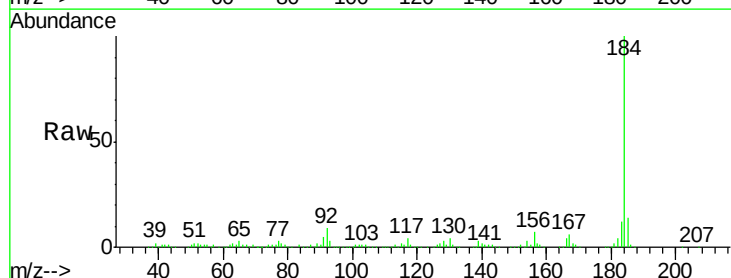
Tgt Ion:184 Resp: 522534

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

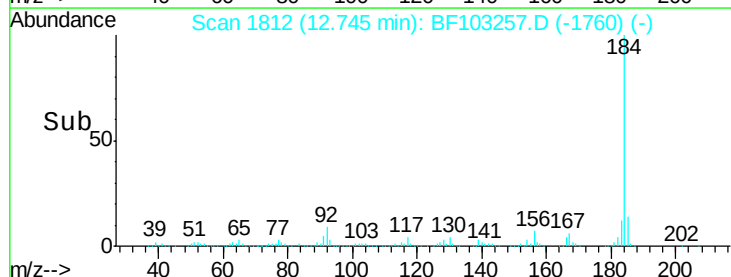
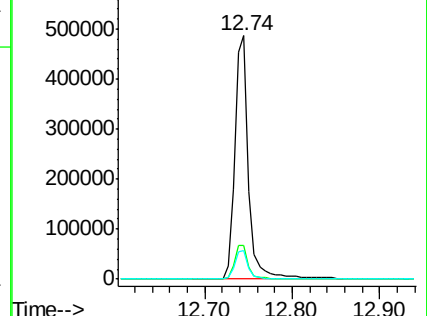
183 11.9 9.3 13.9

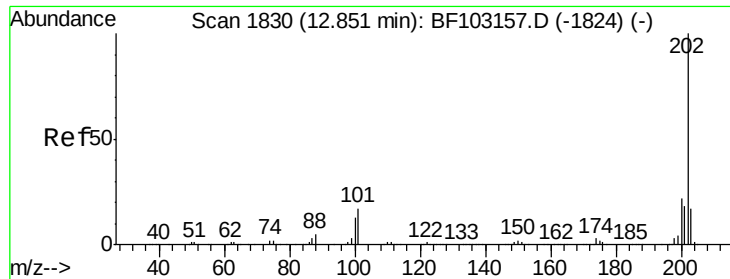


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

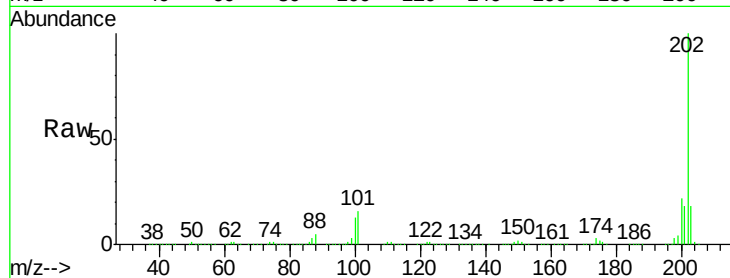




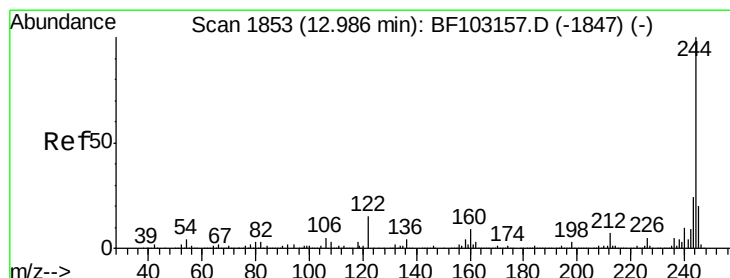
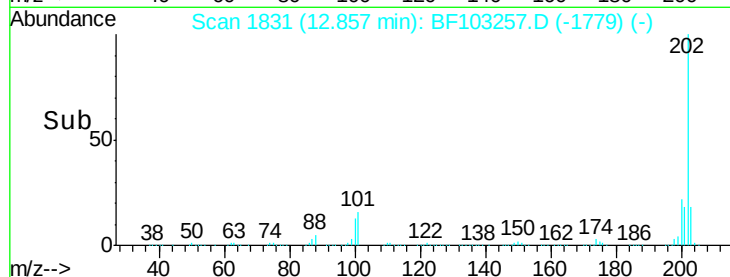
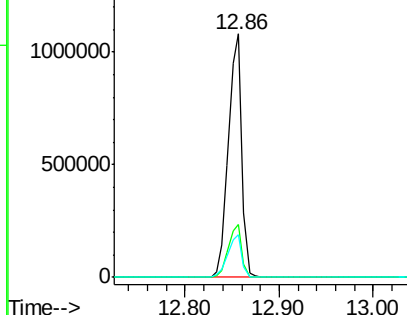
#77
Pvrene
Concen: 43.647 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1066425
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.6 14.3 21.5

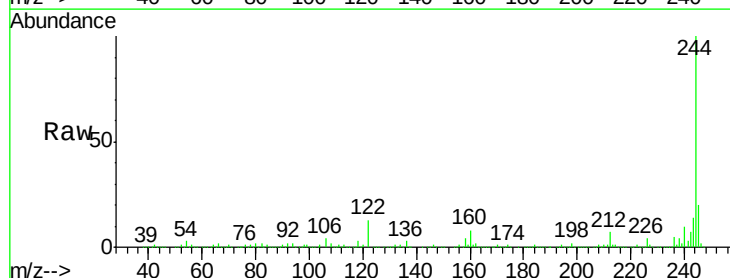


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

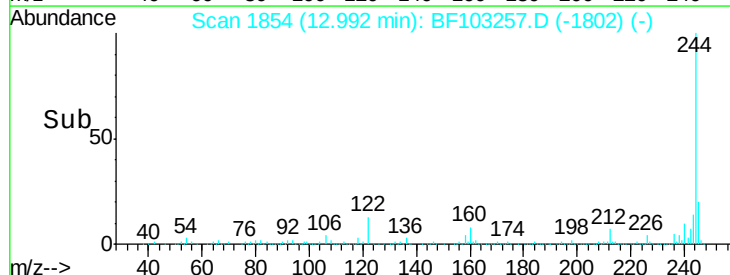
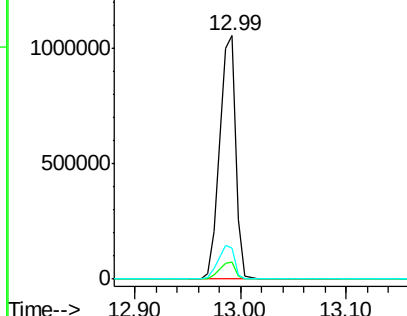


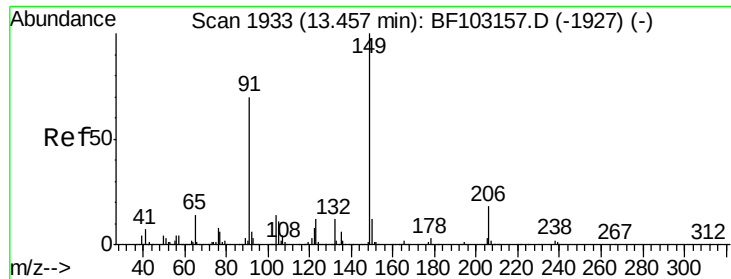
#78
Terphenyl-d14
Concen: 87.390 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion:244 Resp: 1139261
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.8 11.0 16.4



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

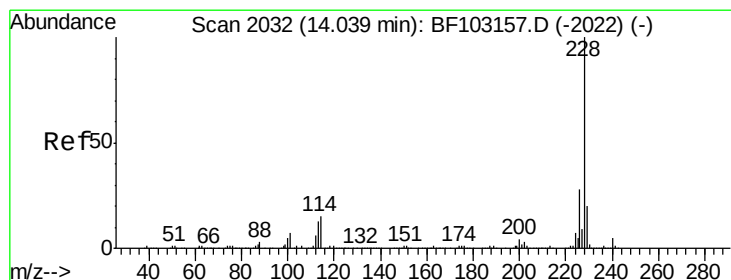
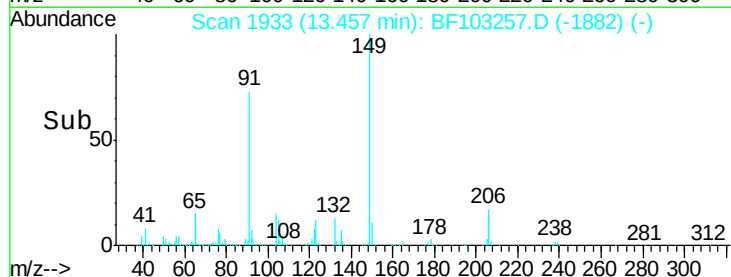
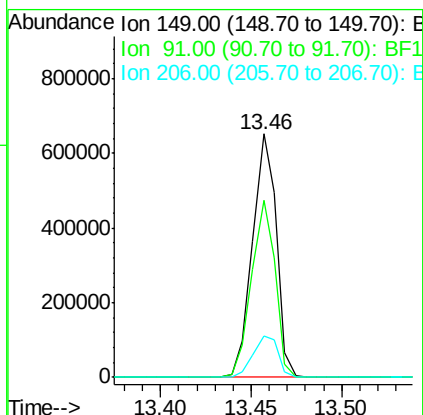
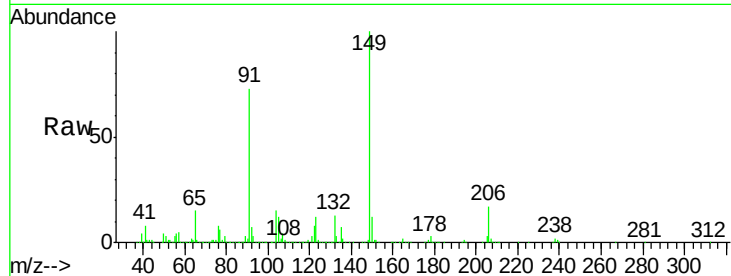




#79
Butylbenzylphthalate
Concen: 46.220 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

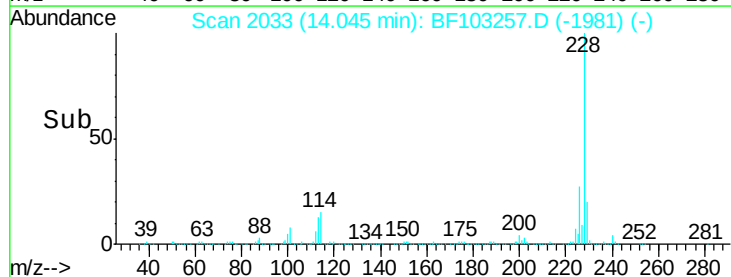
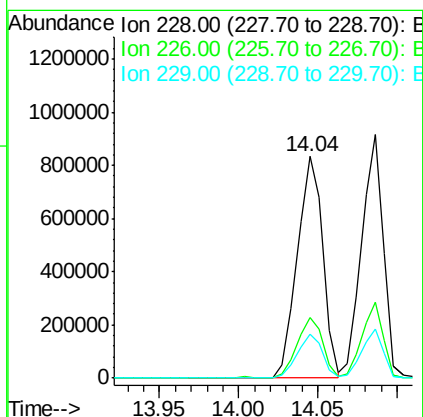
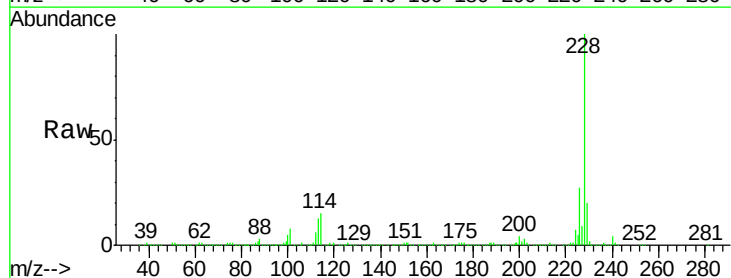
Instrument :
BNA_F
ClientSampleId :

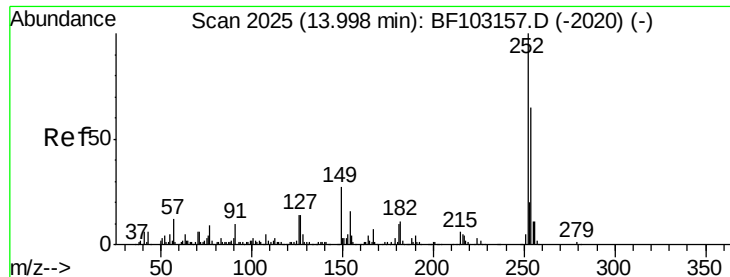
Tot Ion:149 Resp: 596643
Ion Ratio Lower Upper
149 100
91 72.8 56.8 85.2
206 16.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 45.565 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion:228 Resp: 926476
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.8 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 35.700 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

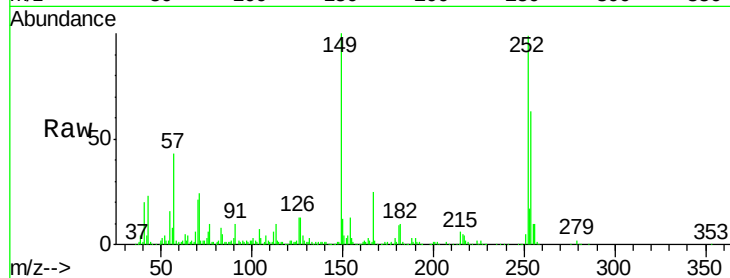
Tot Ion:252 Resp: 259053

Ion Ratio Lower Upper

252 100

254 63.5 50.4 75.6

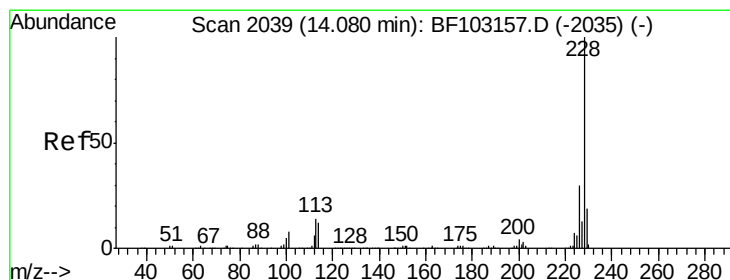
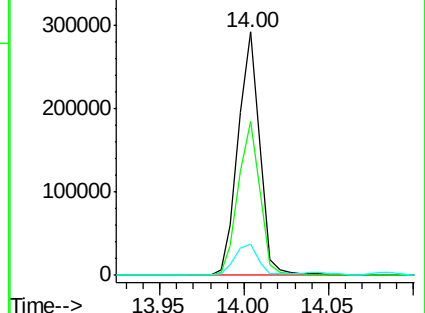
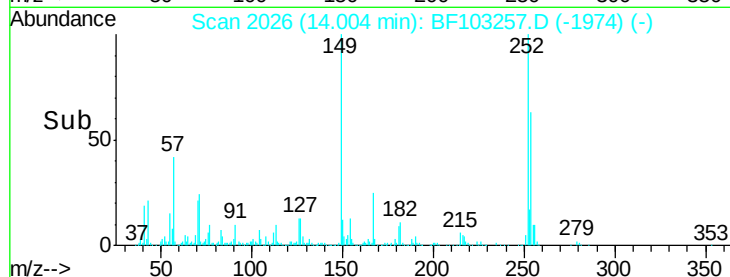
126 12.8 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 44.959 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

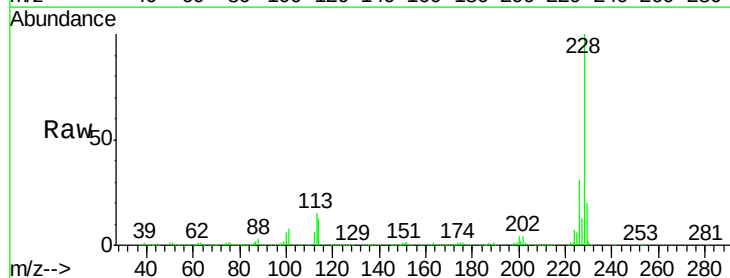
Tgt Ion:228 Resp: 887625

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

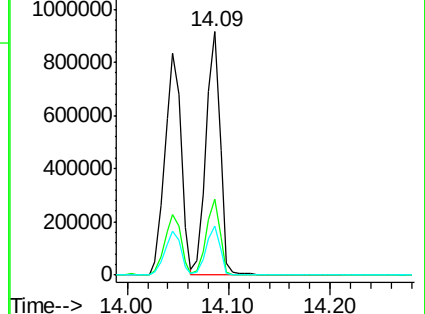
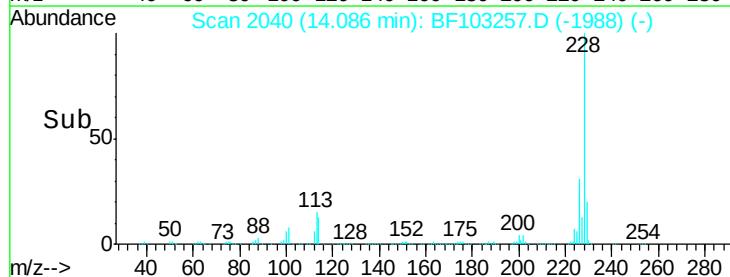
229 20.2 16.2 24.4

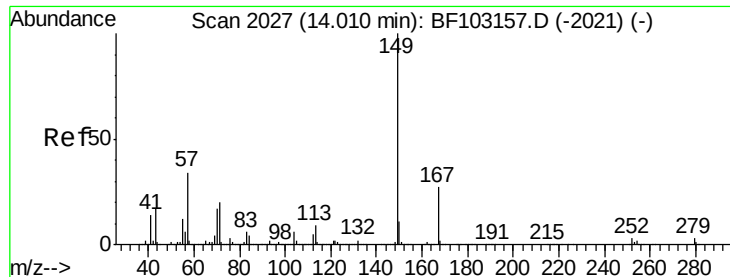


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.528 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

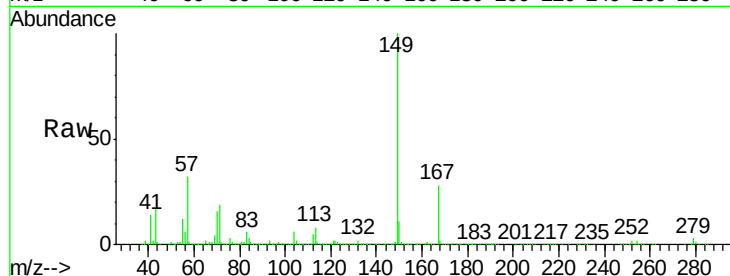
Tot Ion:149 Resp: 793107

Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

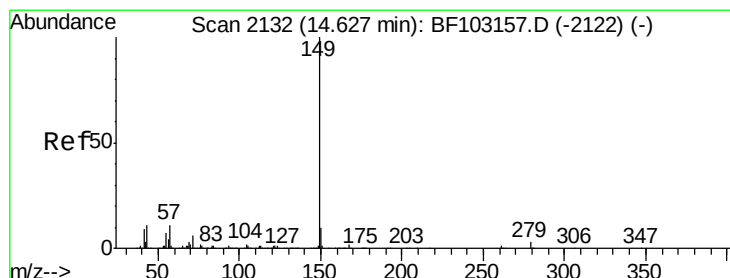
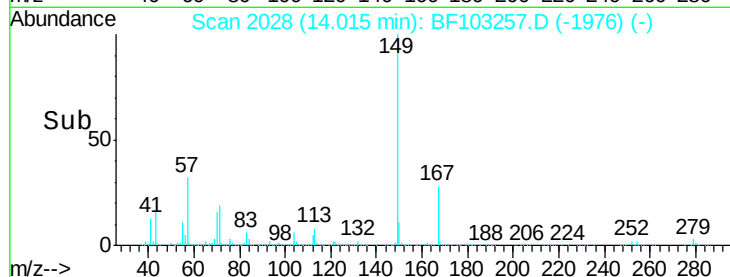
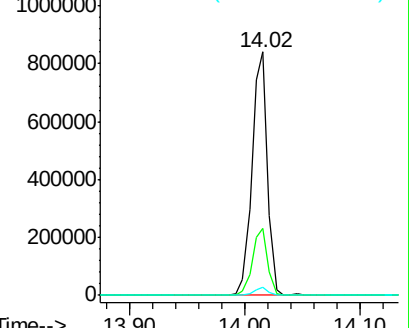
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.009 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

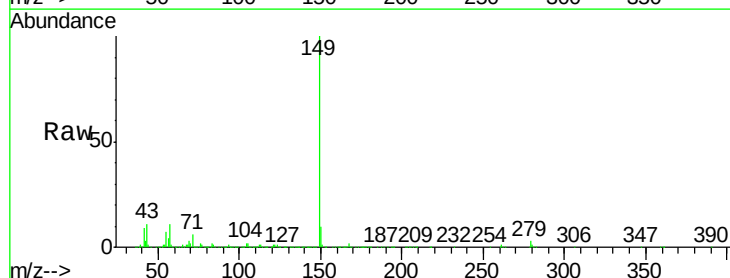
Tgt Ion:149 Resp: 1379383

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

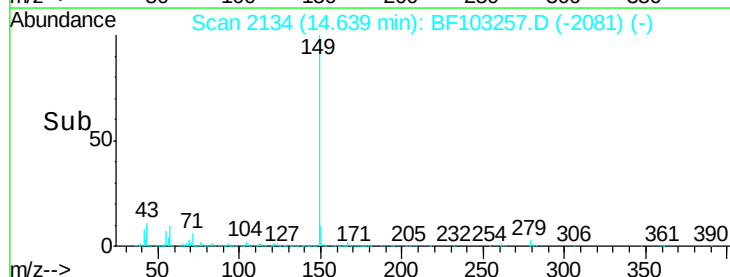
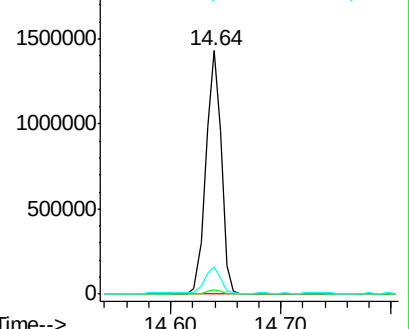
43 11.1 8.4 12.6

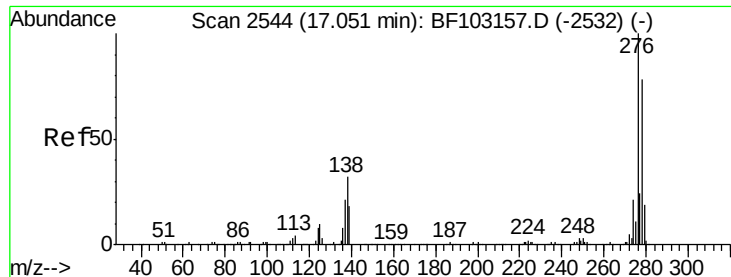


Abundance Ion 149.00 (148.70 to 149.70): E

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: 51.798 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.04 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

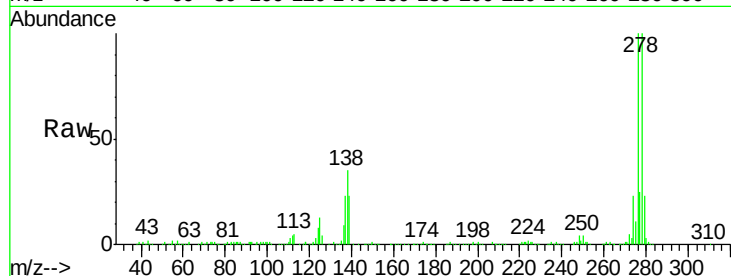
Tot Ion:276 Resp: 809614

Ion Ratio Lower Upper

276 100

138 33.7 25.0 37.6

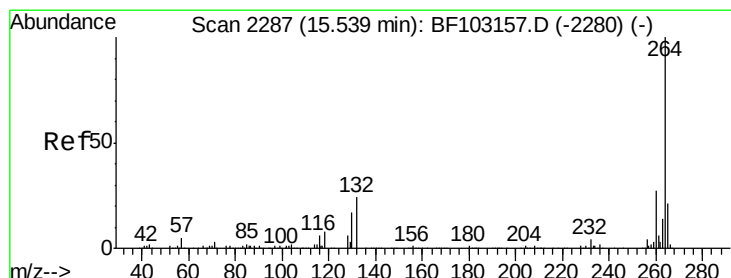
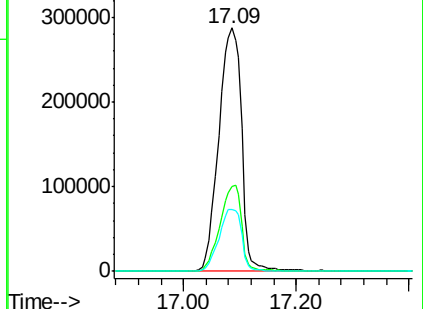
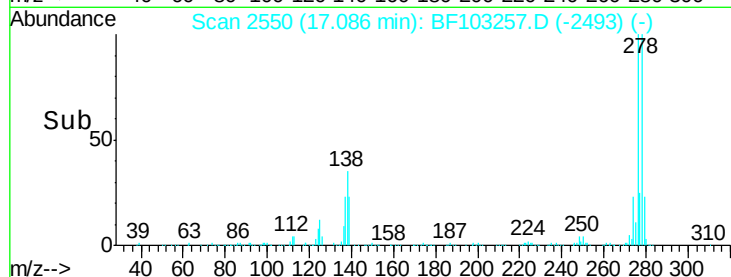
277 25.4 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.02 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

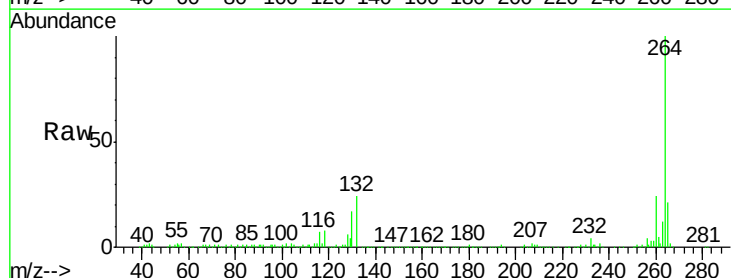
Tgt Ion:264 Resp: 306076

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

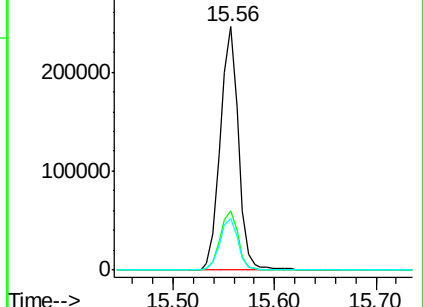
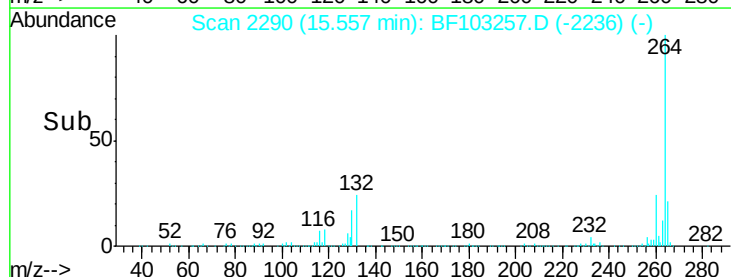
265 21.1 17.5 26.3

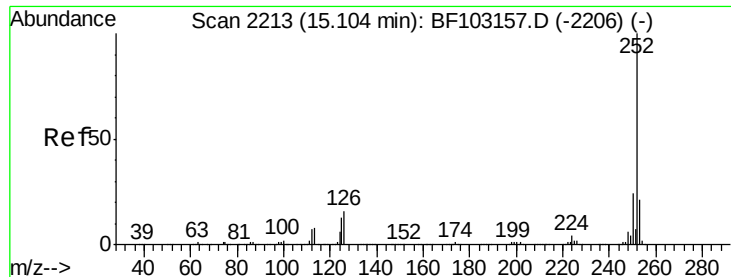


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

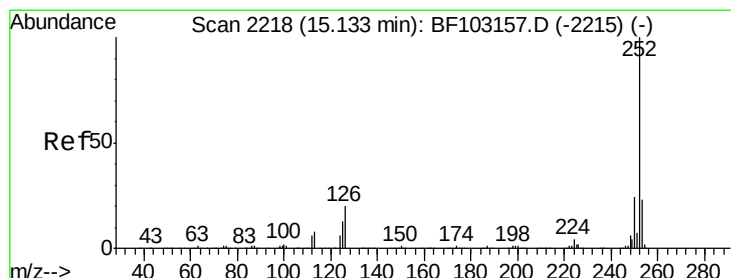
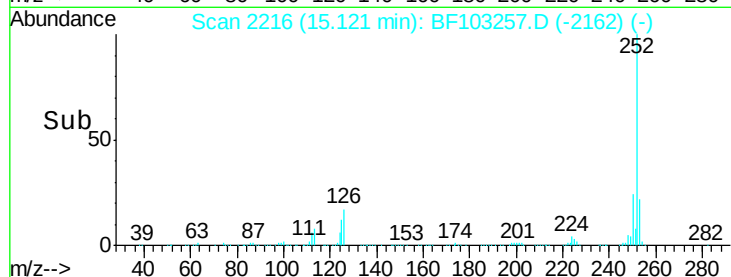
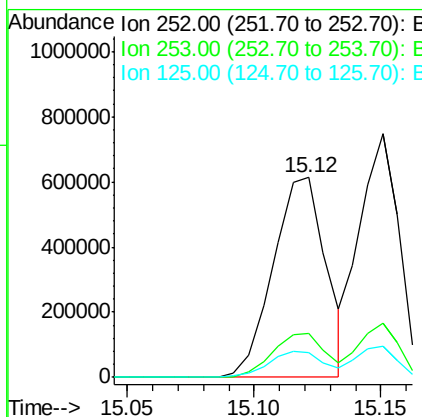
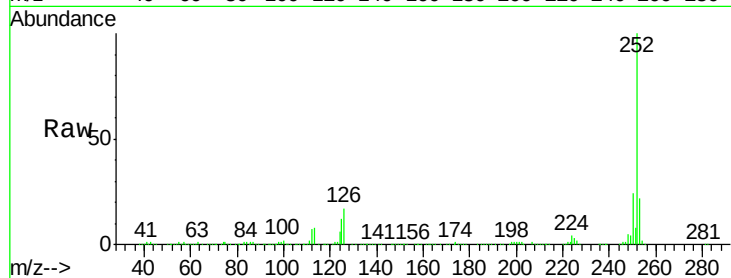




#87
Benzo(b)fluoranthene
Concen: 44.188 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.02 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

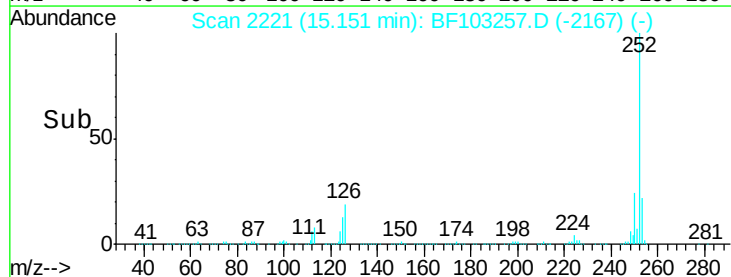
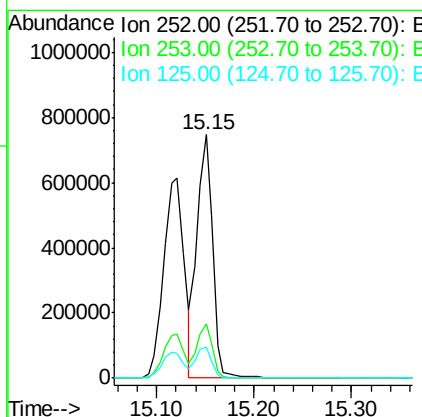
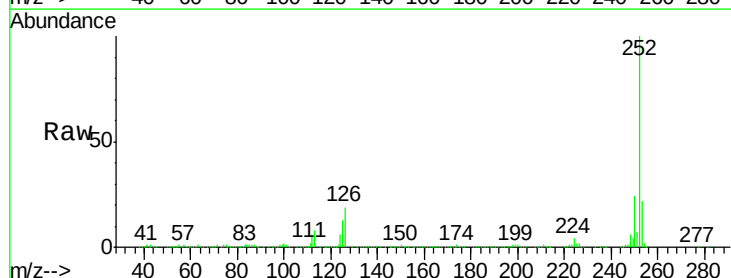
Instrument :
BNA_F
ClientSampleId :

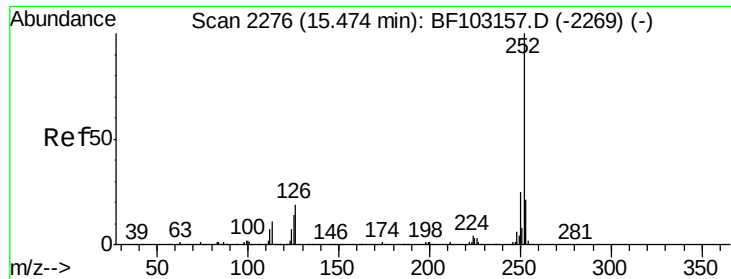
Tot Ion:252 Resp: 889243
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 43.654 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.02 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion:252 Resp: 827243
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 13.0 10.2 15.2

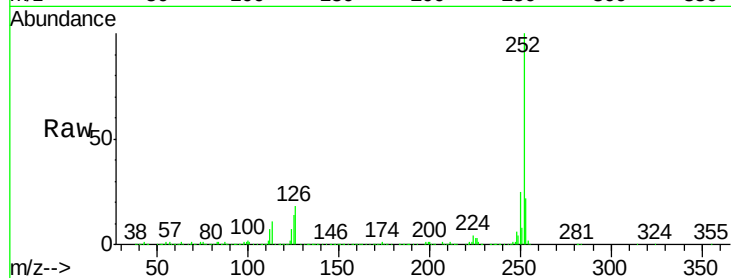




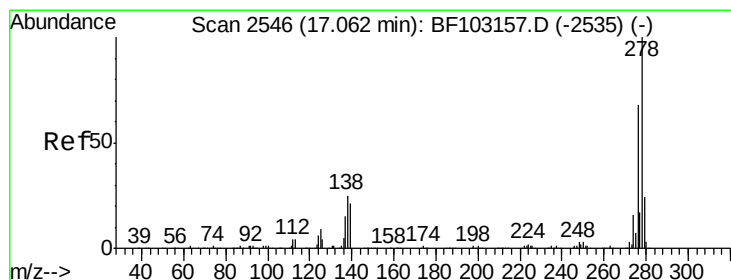
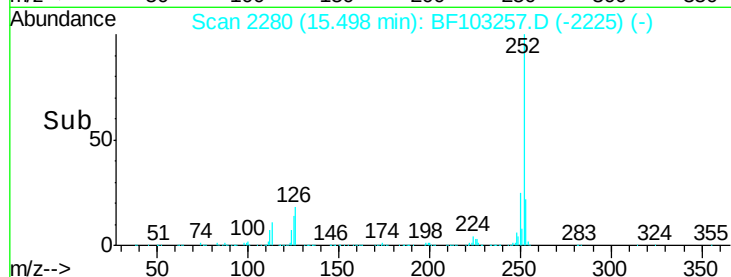
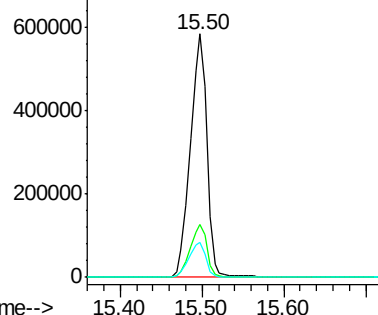
#89
Benzo(a)pyrene
Concen: 46.198 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	14.3	9.8	14.6

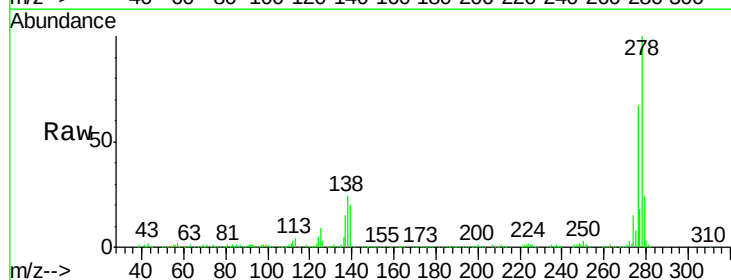


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

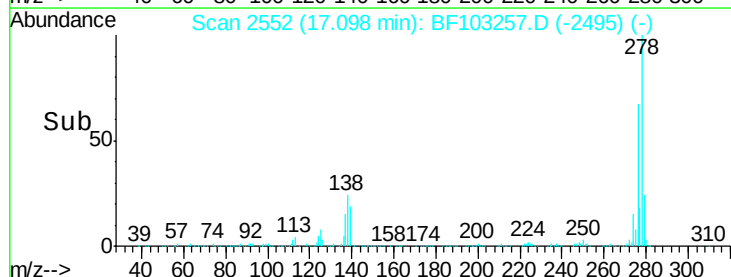
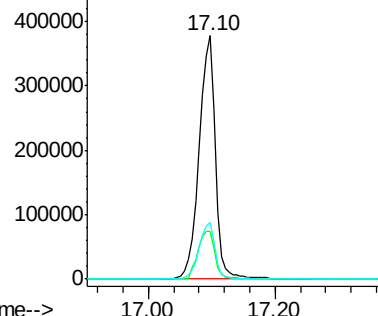


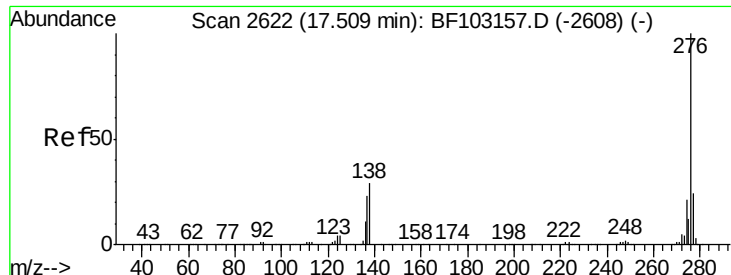
#90
Dibenzo(a,h)anthracene
Concen: 48.686 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.04 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.9	23.9
279	23.5	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

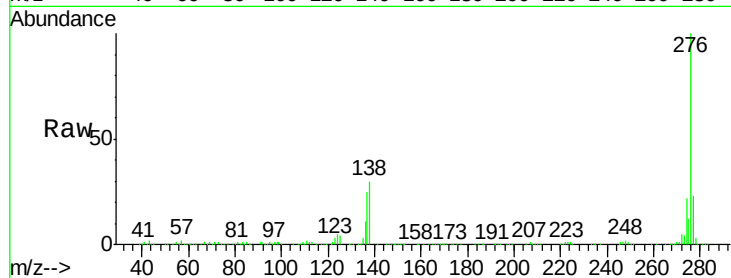




#91
 Benzo(a,h,i)perylene
 Concen: 50.639 ng
 RT: 17.54 min Scan# 2628
 Delta R.T. 0.04 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	687257
Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	30.5	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

