

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103129.D
 Acq On : 21 Feb 2018 12:03
 Operator : SJ/JU
 Sample : PB106699BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106699BS

Quant Time: Feb 21 12:31:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	199728	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	837417	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	388138	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	651475	20.00	ng	0.00
75) Chrysene-d12	14.06	240	467728	20.00	ng	0.00
86) Perylene-d12	15.54	264	438830	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1453207	110.50	ng	0.02
7) Phenol-d6	6.52	99	1768935	111.71	ng	0.01
23) Nitrobenzene-d5	7.45	82	1160778	96.16	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	359952	115.22	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1814705	77.58	ng	0.00
78) Terphenyl-d14	12.99	244	1592915	80.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	226449	34.861	ng	89
3) Pyridine	3.52	79	653850	36.432	ng	91
4) n-Nitrosodimethylamine	3.47	42	316815	41.259	ng	99
6) Aniline	6.55	93	382038	16.337	ng	95
8) 2-Chlorophenol	6.67	128	530867	39.208	ng	97
9) Benzaldehyde	6.43	77	349678	29.735	ng	98
10) Phenol	6.53	94	653779	38.524	ng	93
11) bis(2-Chloroethyl)ether	6.62	93	539759	38.223	ng	92
12) 1,3-Dichlorobenzene	6.82	146	565697	36.080	ng	98
13) 1,4-Dichlorobenzene	6.89	146	570780	36.545	ng	99
14) 1,2-Dichlorobenzene	7.05	146	509927	35.053	ng	97
15) Benzyl Alcohol	7.02	79	462679	38.004	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	934103	34.822	ng	93
17) 2-Methylphenol	7.13	107	474932	38.028	ng	97
18) Hexachloroethane	7.39	117	215533	40.243	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	365513	35.009	ng	96
20) 3+4-Methylphenols	7.29	107	526226	34.168	ng	# 69
22) Acetophenone	7.29	105	701810	34.247	ng	# 88
24) Nitrobenzene	7.46	77	589874	41.536	ng	98
25) Isophorone	7.70	82	1133916	40.793	ng	98
26) 2-Nitrophenol	7.78	139	322699	53.996	ng	94
27) 2,4-Dimethylphenol	7.82	122	531021	45.218	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	702528	42.664	ng	99
29) 2,4-Dichlorophenol	8.02	162	462174	43.292	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	449042	37.181	ng	98
31) Naphthalene	8.19	128	1524176	37.253	ng	100
32) Benzoic acid	7.93	122	177977	27.678	ng	97
33) 4-Chloroaniline	8.23	127	109691	6.223	ng	98
34) Hexachlorobutadiene	8.29	225	227252	36.721	ng	98
35) Caprolactam	8.62	113	105061	28.337	ng	# 85
36) 4-Chloro-3-methylphenol	8.72	107	516904	43.093	ng	97
37) 2-Methylnaphthalene	8.87	142	1023775	38.219	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	387070	36.625	ng	99
40) Hexachlorocyclopentadiene	9.02	237	318648	63.426	ng	98

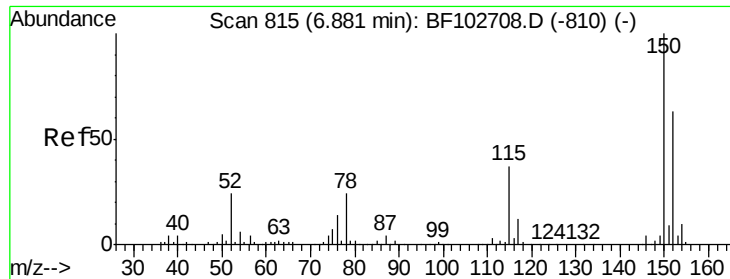
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
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 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	291300	41.965	nq	97
43) 2,4,5-Trichlorophenol	9.20	196	307024	39.242	nq	97
45) 1,1'-Biphenyl	9.34	154	1145595	35.042	nq	99
46) 2-Chloronaphthalene	9.36	162	940847	36.556	nq	98
47) 2-Nitroaniline	9.46	65	354311	44.858	nq	90
48) Acenaphthylene	9.78	152	1408749	35.241	nq	99
49) Dimethylphthalate	9.64	163	1137069	37.572	nq	100
50) 2,6-Dinitrotoluene	9.70	165	251935	43.756	nq	95
51) Acenaphthene	9.95	154	807248	33.768	nq	98
52) 3-Nitroaniline	9.87	138	109542	15.462	nq	99
53) 2,4-Dinitrophenol	9.99	184	155750	80.245	nq	# 19
54) Dibenzofuran	10.13	168	1200782	35.642	nq	98
55) 4-Nitrophenol	10.05	139	398512	69.030	nq	93
56) 2,4-Dinitrotoluene	10.11	165	322157	42.122	nq	95
57) Fluorene	10.47	166	920466	37.552	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	226210	41.716	nq	100
59) Diethylphthalate	10.34	149	1053455	35.253	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	416485	38.409	nq	98
61) 4-Nitroaniline	10.50	138	290248	43.041	nq	92
62) Azobenzene	10.62	77	1086327	36.389	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	131033	48.245	nq	94
65) n-Nitrosodiphenylamine	10.58	169	840424	36.573	nq	98
66) 4-Bromophenyl-phenylether	10.95	248	262338	38.067	nq	96
67) Hexachlorobenzene	11.02	284	281087	36.973	nq	98
68) Atrazine	11.10	200	267597	39.473	nq	98
69) Pentachlorophenol	11.22	266	248552	55.694	nq	98
70) Phenanthrene	11.43	178	1286503	35.458	nq	99
71) Anthracene	11.49	178	1338402	36.268	nq	99
72) Carbazole	11.64	167	1311406	36.273	nq	99
73) Di-n-butylphthalate	11.96	149	1634925	37.228	nq	100
74) Fluoranthene	12.62	202	1326190	36.329	nq	98
76) Benzidine	12.74	184	644312	29.972	nq	98
77) Pyrene	12.85	202	1349177	36.785	nq	99
79) Butylbenzylphthalate	13.46	149	722423	41.323	nq	95
80) Benzo(a)anthracene	14.04	228	1174259	39.919	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	219770	20.150	nq	98
82) Chrysene	14.09	228	1075049	36.255	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	964289	42.918	nq	100
84) Di-n-octyl phthalate	14.64	149	1593513	47.234	nq	100
85) Indeno(1,2,3-cd)pyrene	17.07	276	979629	39.833	nq	98
87) Benzo(b)fluoranthene	15.11	252	1137152	39.969	nq	97
88) Benzo(k)fluoranthene	15.14	252	940209	34.586	nq	99
89) Benzo(a)pyrene	15.49	252	980352	38.281	nq	# 96
90) Dibenzo(a,h)anthracene	17.07	278	798022	38.392	nq	98
91) Benzo(g,h,i)perylene	17.53	276	835818	41.081	nq	98

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

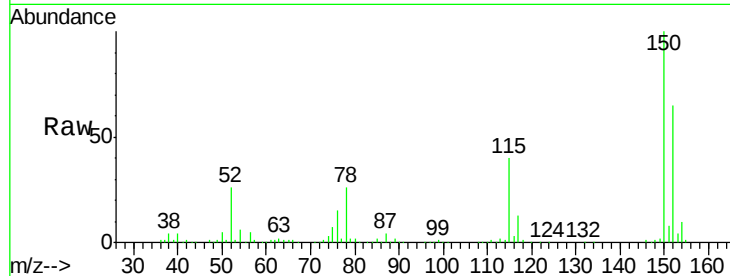


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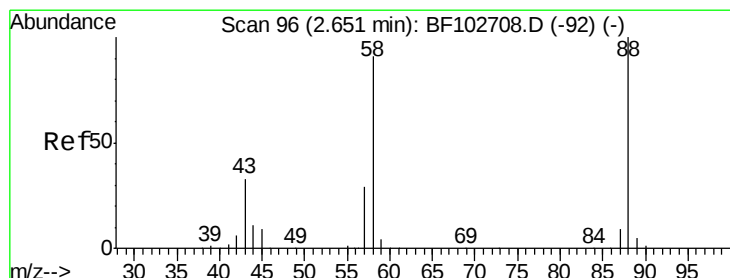
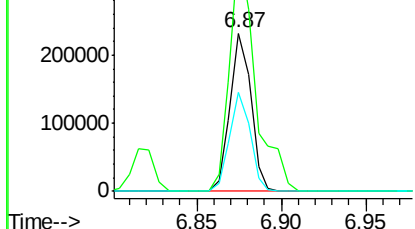
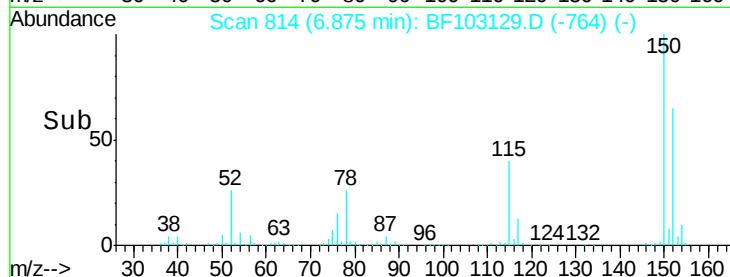
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB106699BS

Tot Ion:152 Resp: 199728
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 62.1 50.1 75.1



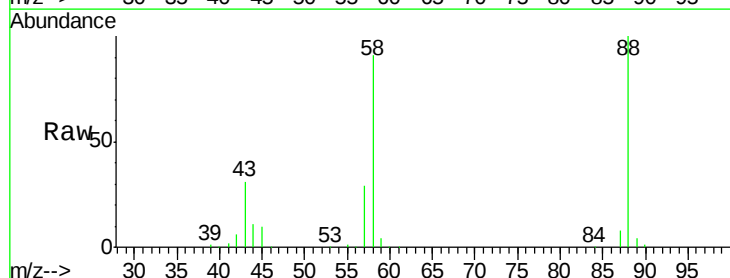
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



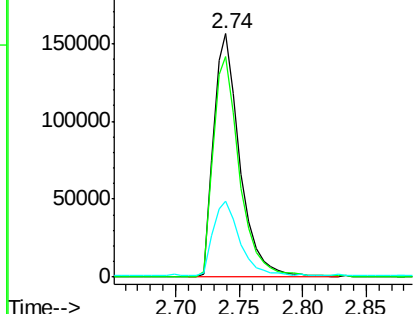
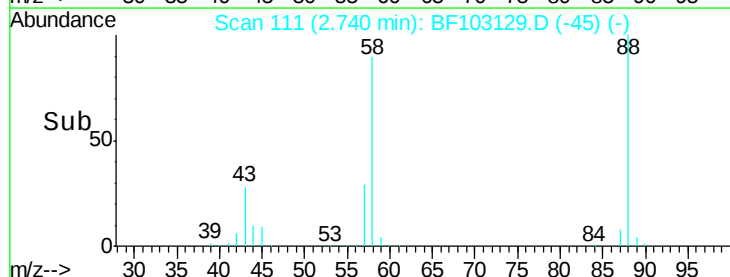
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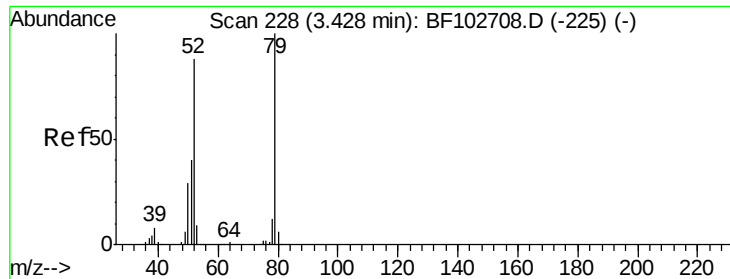
1,4-Dioxane
Concen: 34.861 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.09 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Tgt Ion: 88 Resp: 226449
Ion Ratio Lower Upper
88 100
58 91.4 62.6 93.8
43 31.3 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: 36.432 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.09 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

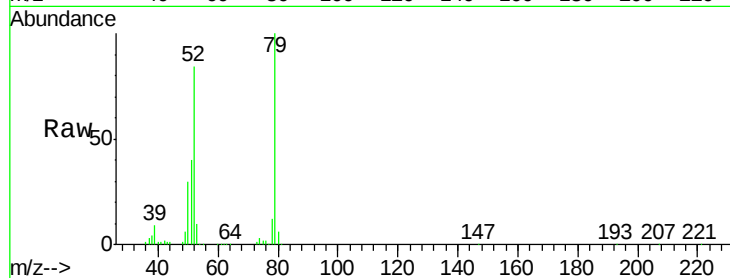
Tot Ion: 79 Resp: 653850

Ion Ratio Lower Upper

79 100

52 84.2 59.8 89.6

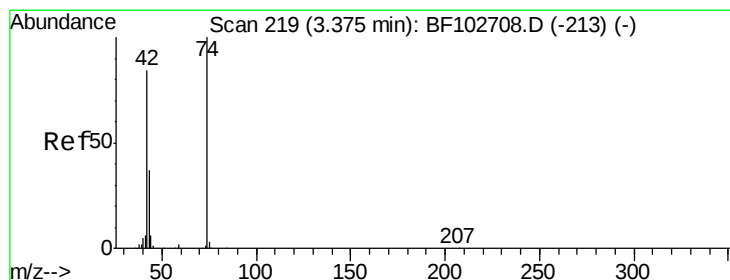
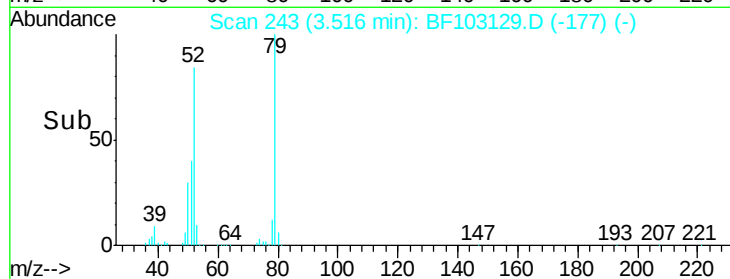
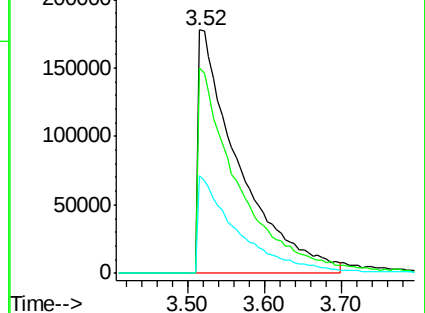
51 39.9 29.8 44.8



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: 41.259 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.08 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

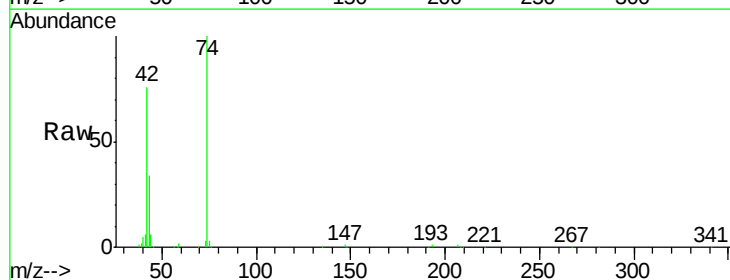
Tgt Ion: 42 Resp: 316815

Ion Ratio Lower Upper

42 100

74 131.6 104.9 157.3

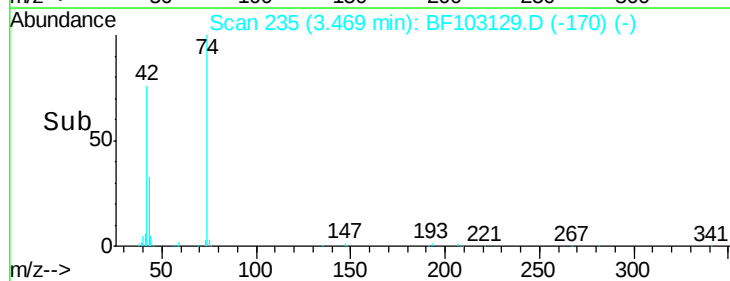
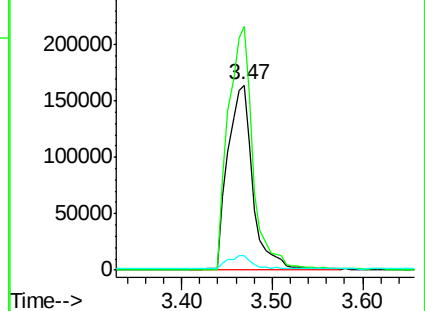
44 7.7 6.9 10.3



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: 110.497 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

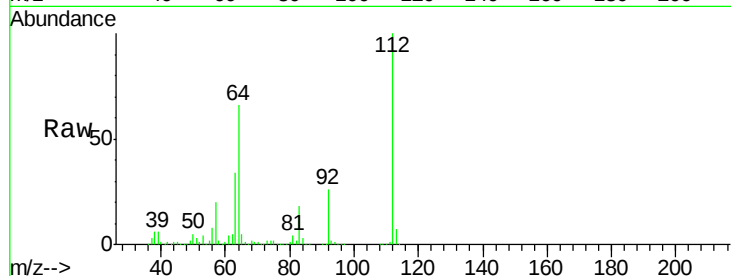
Tot Ion:112 Resp: 1453207

Ion Ratio Lower Upper

112 100

64 65.7 47.9 71.9

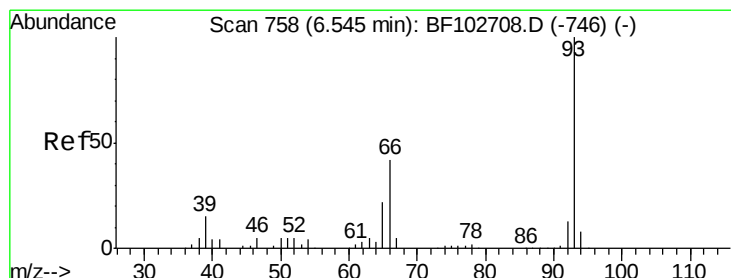
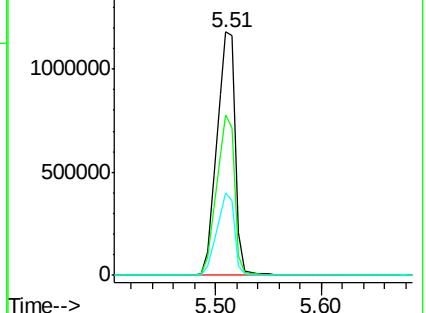
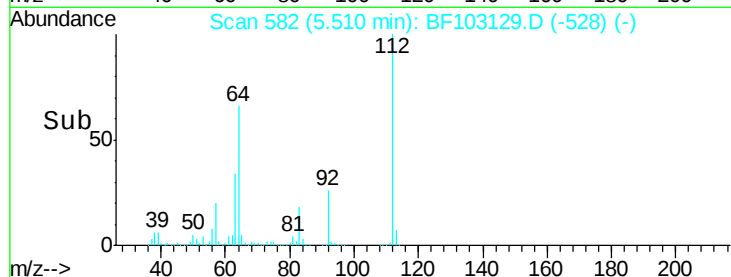
63 33.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.337 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

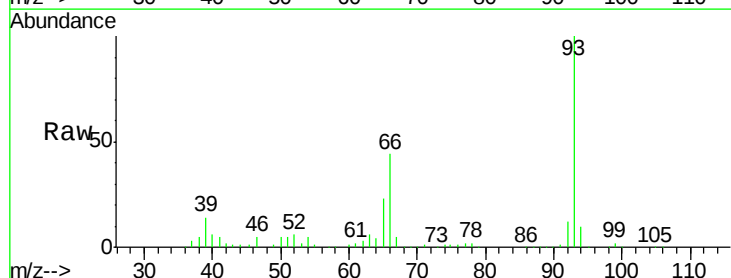
Tgt Ion: 93 Resp: 382038

Ion Ratio Lower Upper

93 100

66 43.7 32.2 48.2

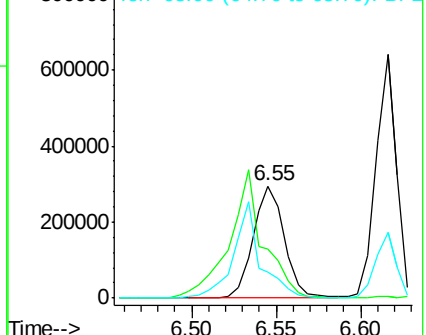
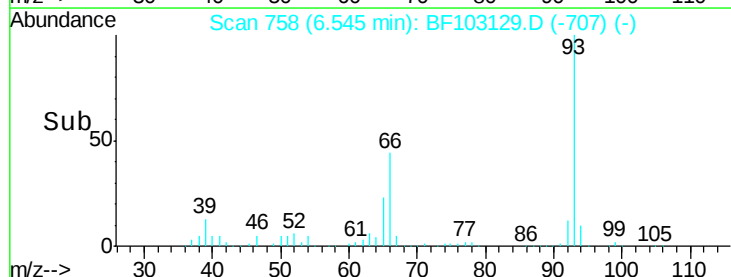
65 22.6 16.4 24.6

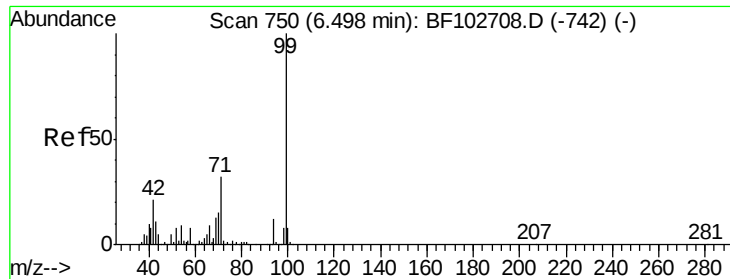


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.708 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

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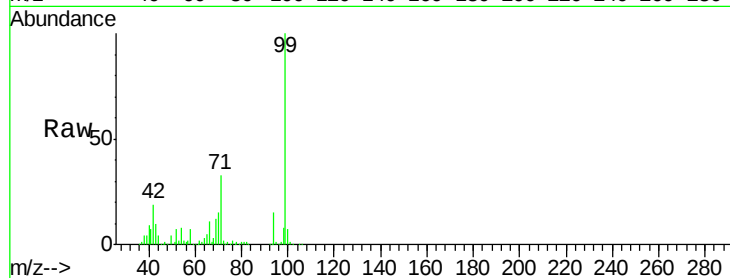
Tot Ion: 99 Resp: 1768935

Ion Ratio Lower Upper

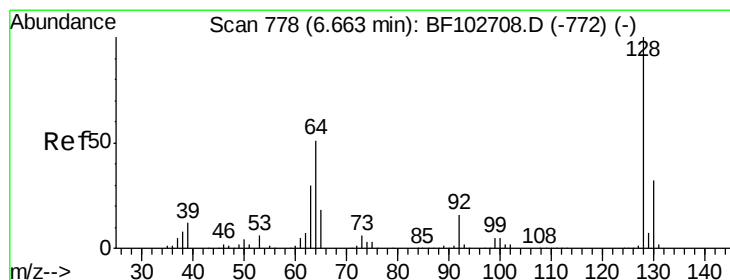
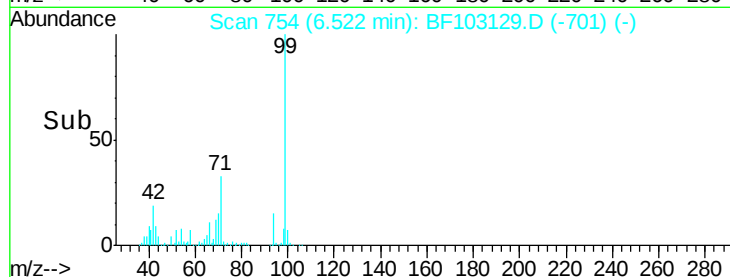
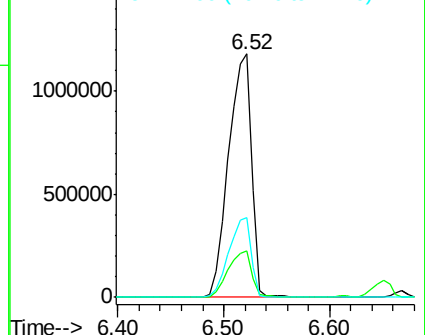
99 100

42 18.9 14.5 21.7

71 32.7 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: 39.208 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

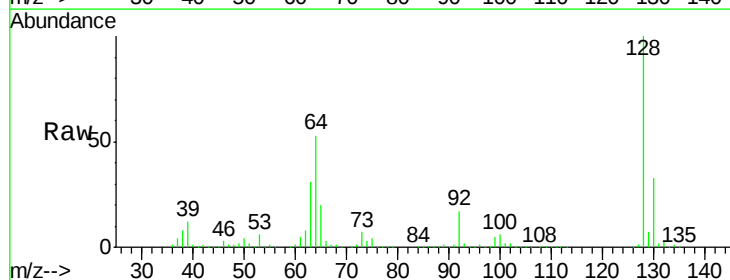
Tgt Ion: 128 Resp: 530867

Ion Ratio Lower Upper

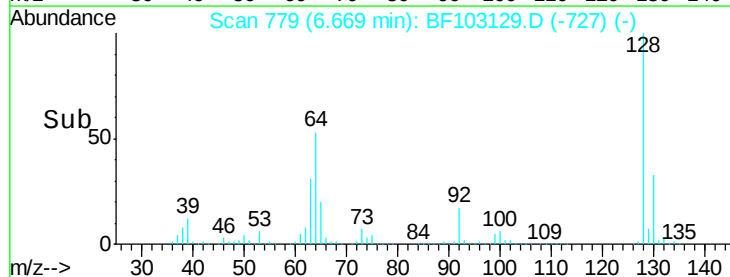
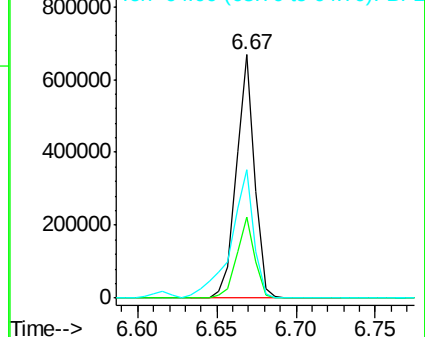
128 100

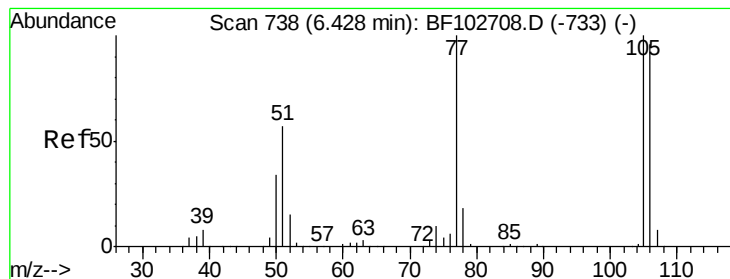
130 33.4 13.0 53.0

64 52.6 29.4 69.4



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





#9

Benzaldehyde

Concen: 29.735 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

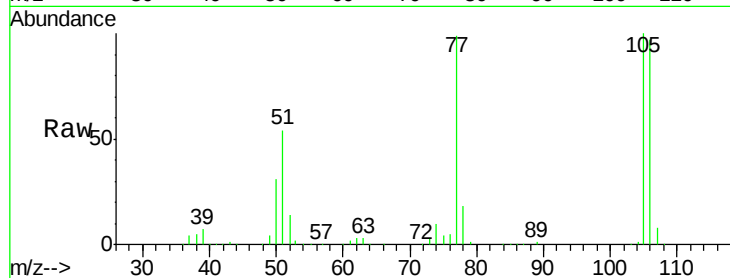
Tot Ion: 77 Resp: 349678

Ion Ratio Lower Upper

77 100

105 101.5 81.1 121.1

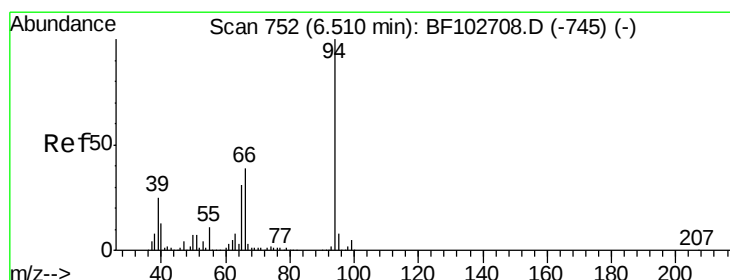
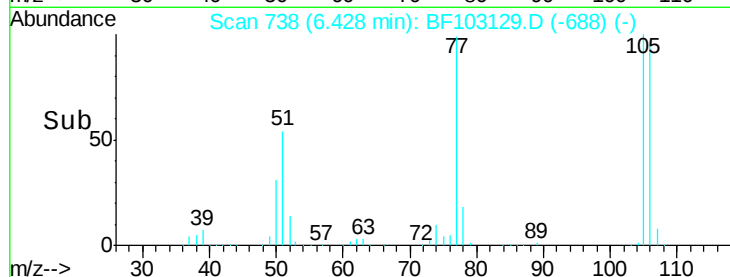
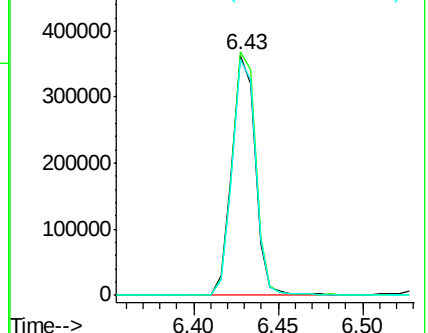
106 98.2 74.5 114.5



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: 38.524 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

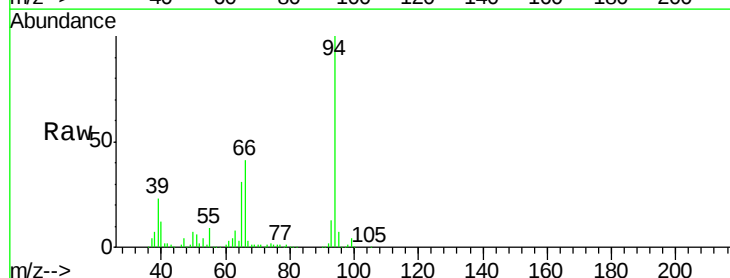
Tgt Ion: 94 Resp: 653779

Ion Ratio Lower Upper

94 100

65 30.8 7.9 47.9

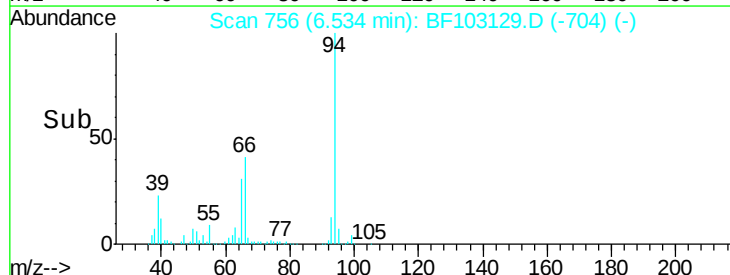
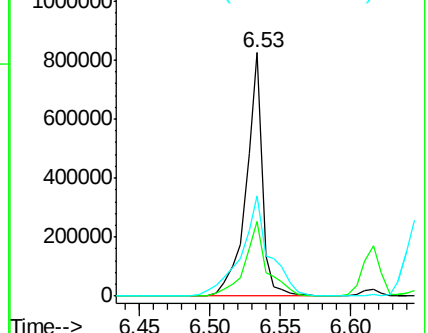
66 41.1 16.2 56.2



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: 38.223 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

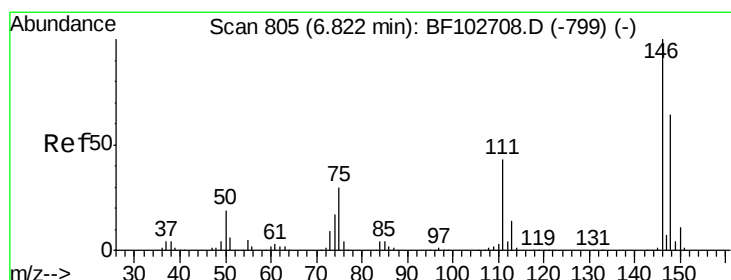
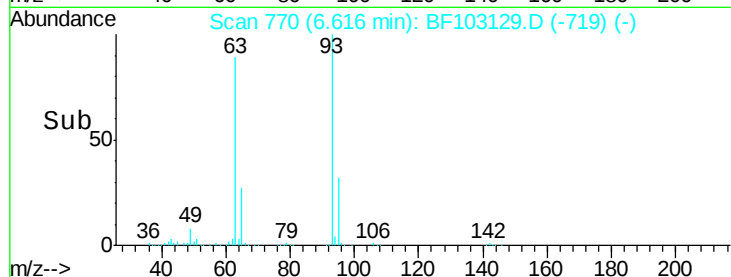
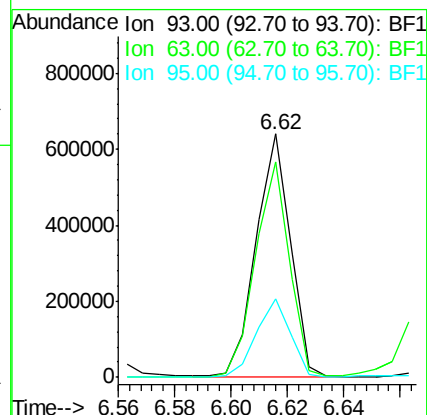
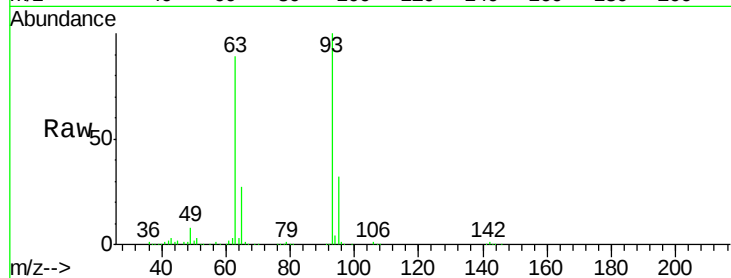
Tot Ion: 93 Resp: 539759

Ion Ratio Lower Upper

93 100

63 88.5 58.6 98.6

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 36.080 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

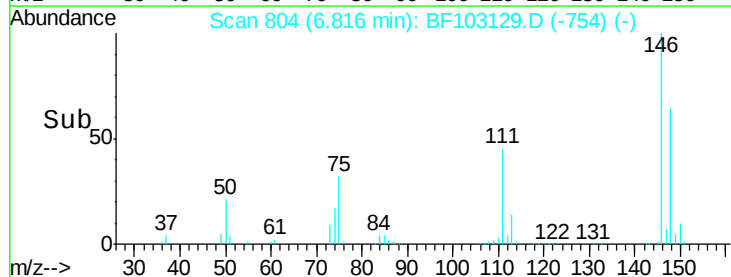
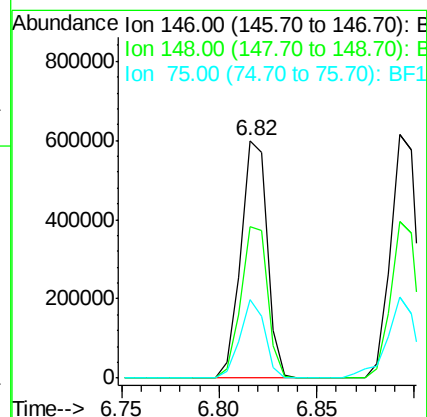
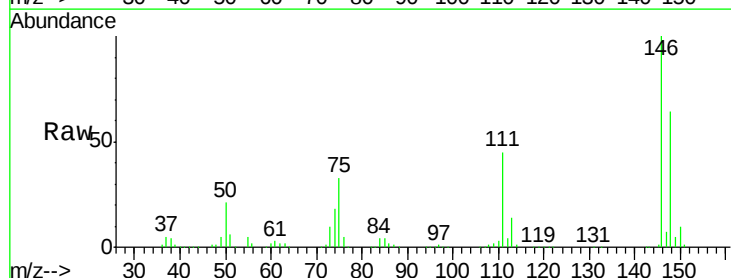
Tgt Ion: 146 Resp: 565697

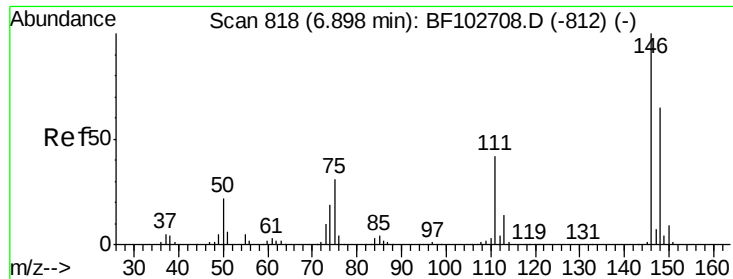
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

75 32.8 24.2 36.4

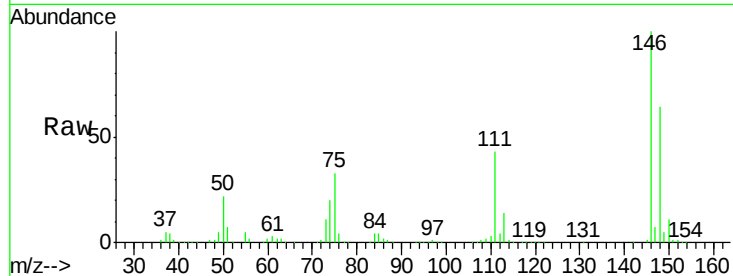




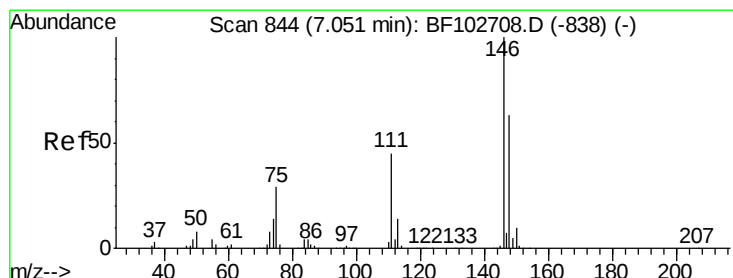
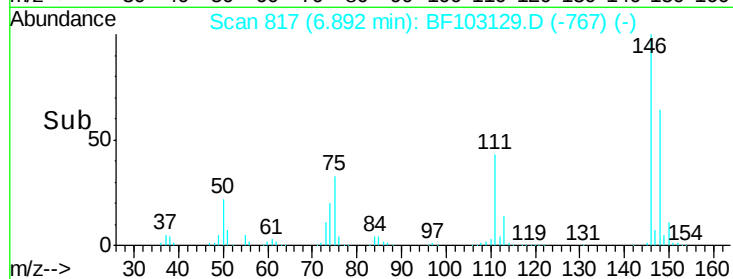
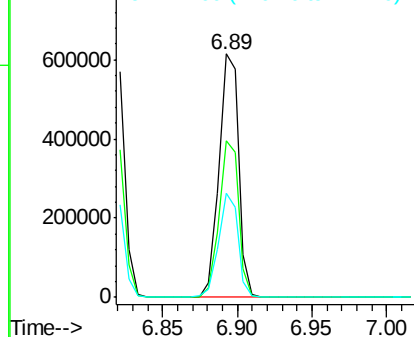
#13
 1,4-Dichlorobenzene
 Concen: 36.545 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF103129.D
 Acq: 21 Feb 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB106699BS

Tot Ion:146 Resp: 570780
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 43.0 34.2 51.2

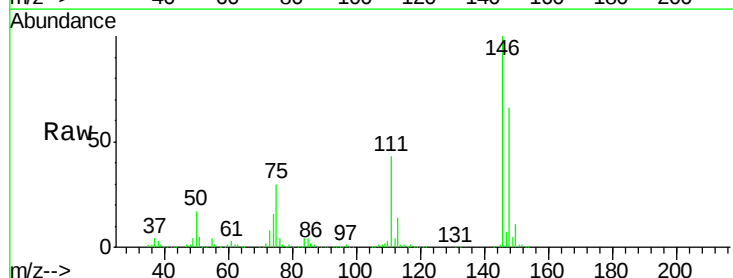


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

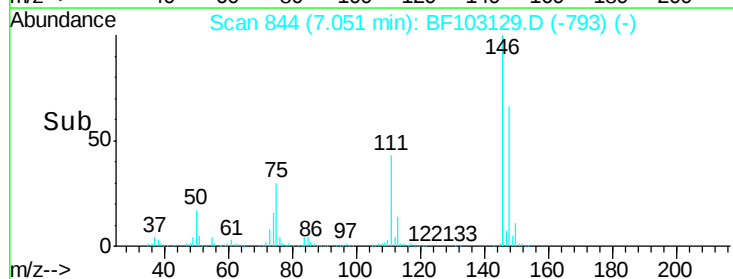
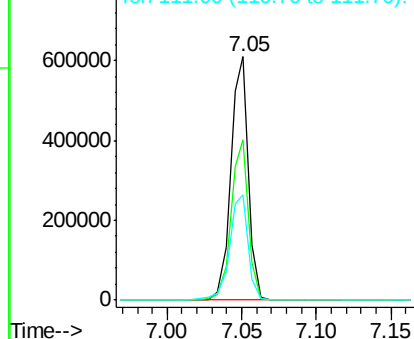


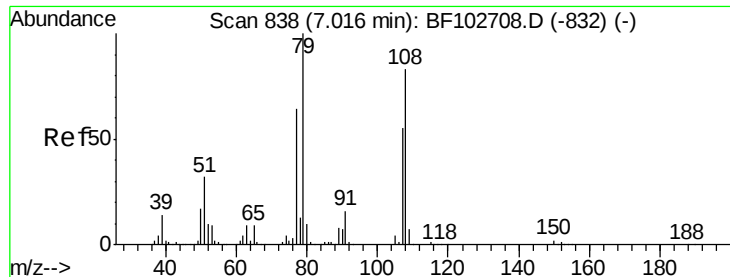
#14
 1,2-Dichlorobenzene
 Concen: 35.053 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF103129.D
 Acq: 21 Feb 2018 12:03

Tgt Ion:146 Resp: 509927
 Ion Ratio Lower Upper
 146 100
 148 65.8 50.6 75.8
 111 43.1 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 38.004 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

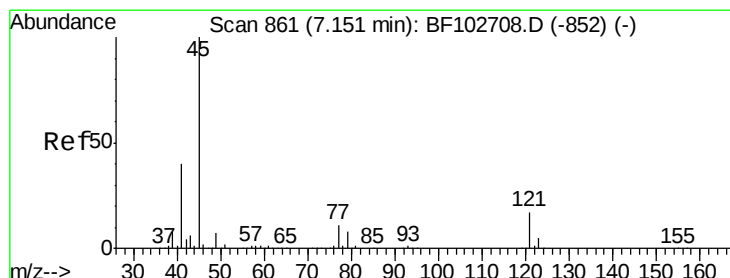
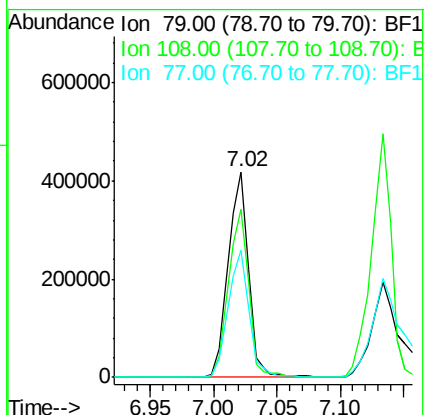
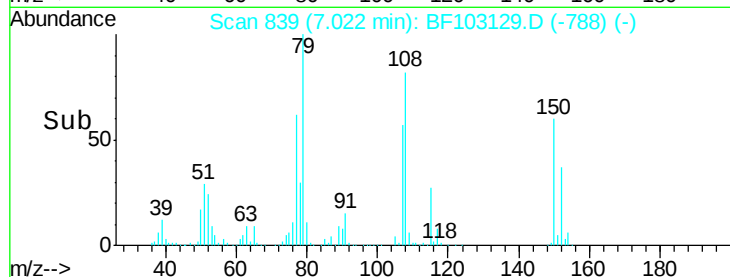
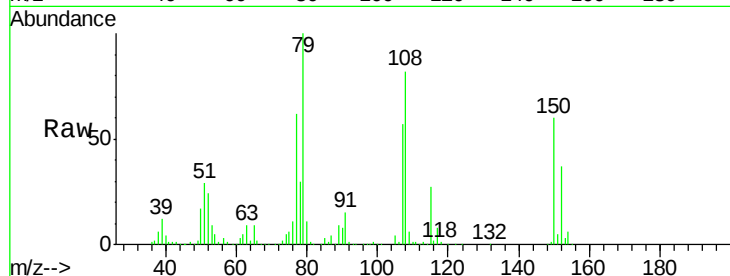
Tot Ion: 79 Resp: 462679

Ion Ratio Lower Upper

79 100

108 81.7 65.1 97.7

77 61.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.822 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

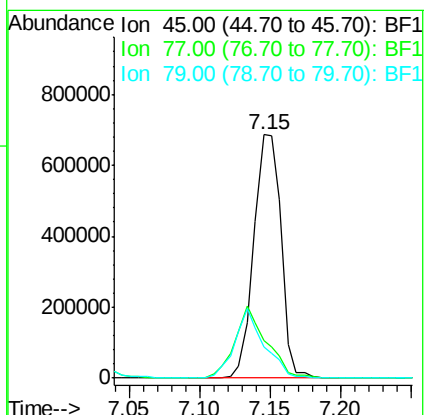
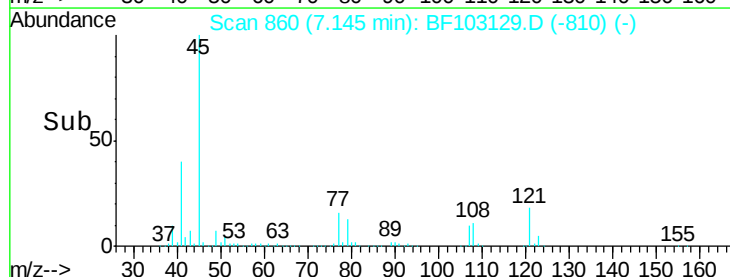
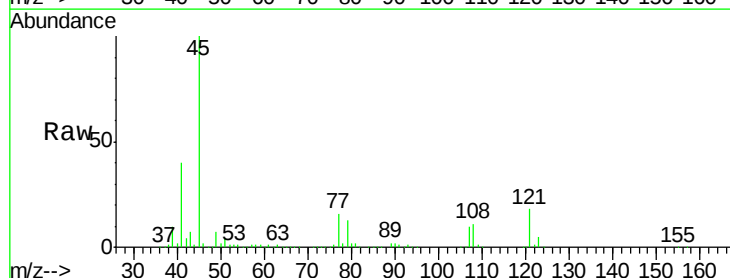
Tgt Ion: 45 Resp: 934103

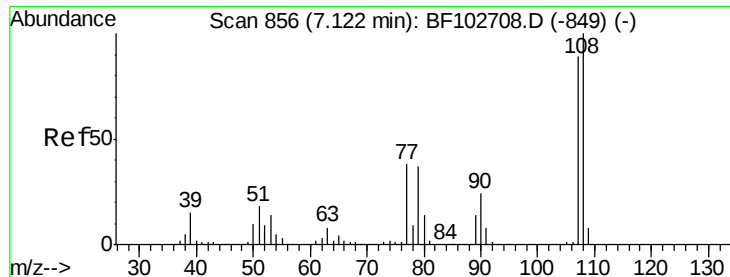
Ion Ratio Lower Upper

45 100

77 15.6 0.0 32.9

79 12.6 0.0 29.6

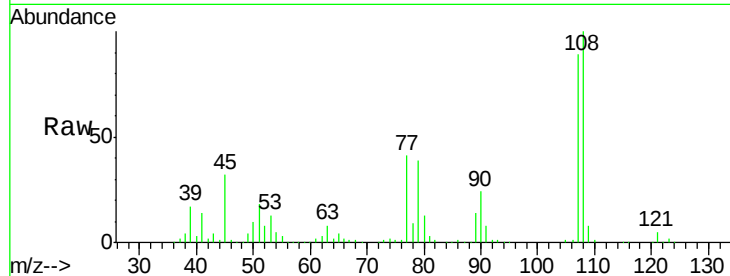




#17
2-Methylphenol
Concen: 38.028 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB106699BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.7	137.5
77	46.0	33.8	50.8
79	44.4	33.8	50.8



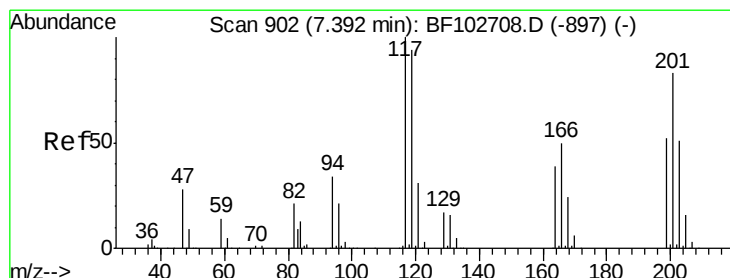
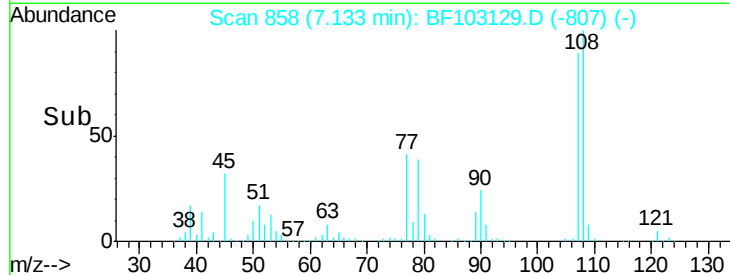
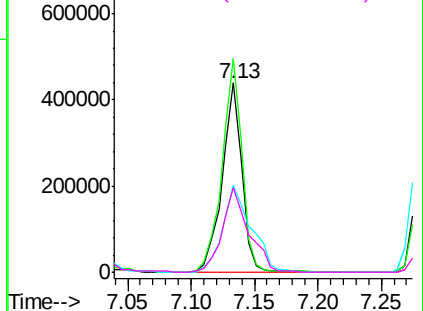
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

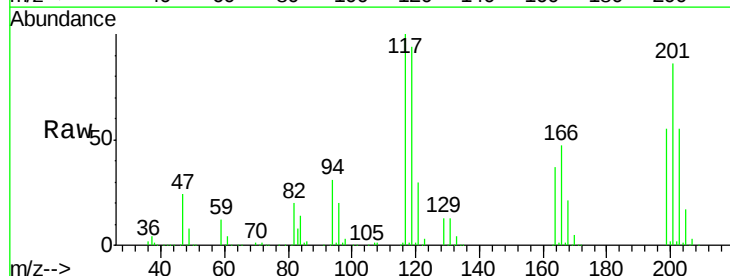
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.243 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.8	113.8
201	86.5	75.7	113.5

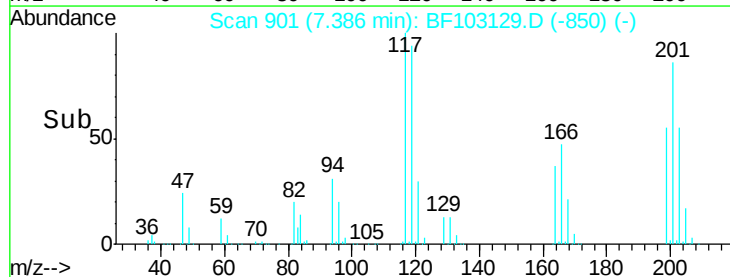
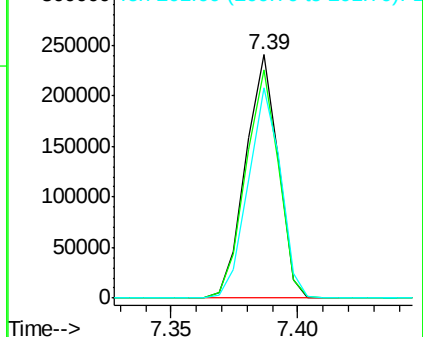


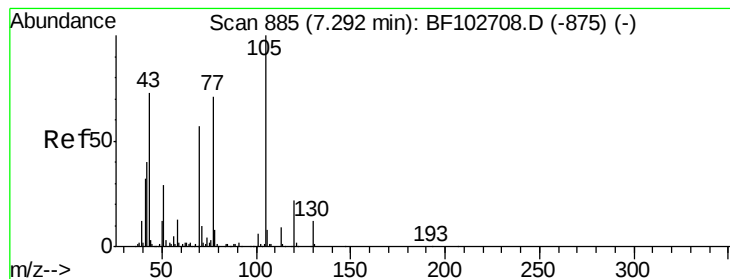
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.009 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

Tot Ion: 70 Resp: 365513

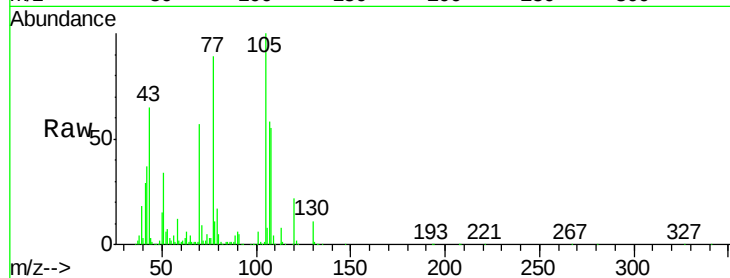
Ion Ratio Lower Upper

70 100

42 63.7 47.5 71.3

101 9.7 7.4 11.2

130 20.0 16.6 25.0

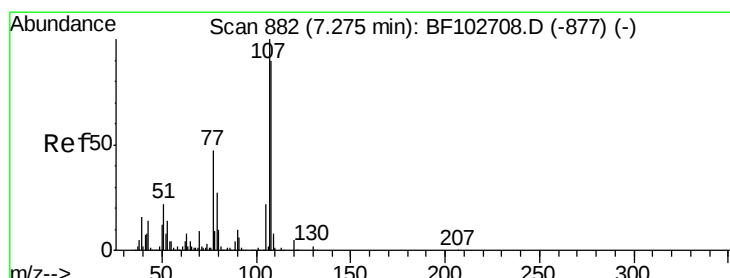
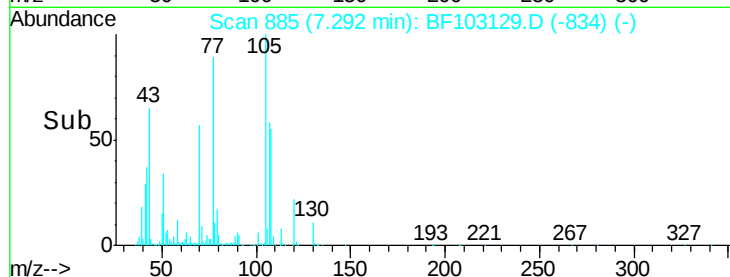
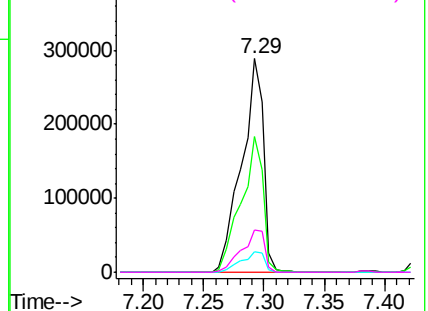


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 34.168 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Tgt Ion:107 Resp: 526226

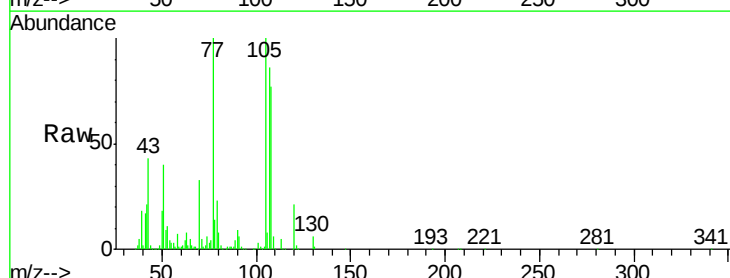
Ion Ratio Lower Upper

107 100

108 89.7 68.2 108.2

77 116.5 26.7 66.7#

79 27.1 6.3 46.3

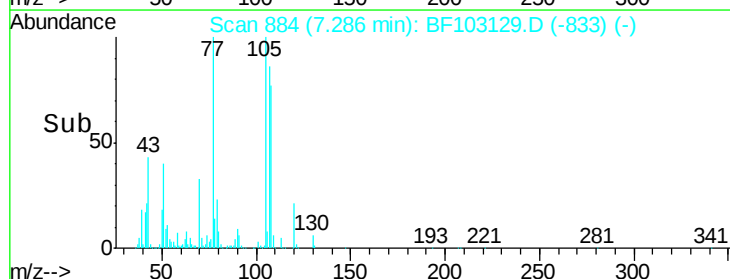
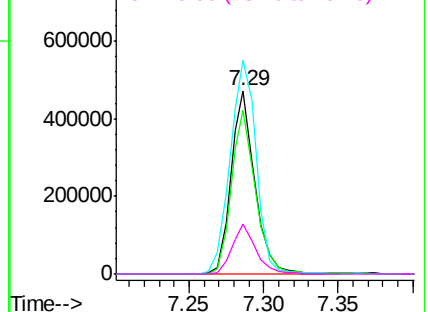


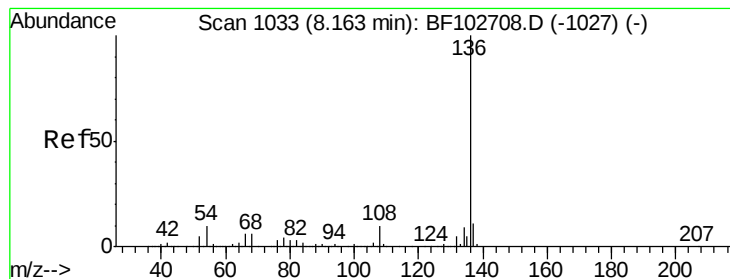
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

Tot Ion:136 Resp: 837417

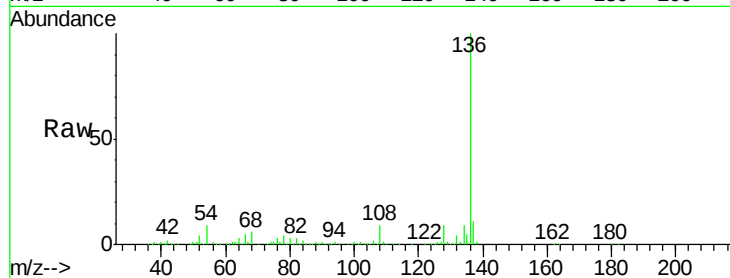
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.0 6.6 9.8

68 5.9 5.0 7.4

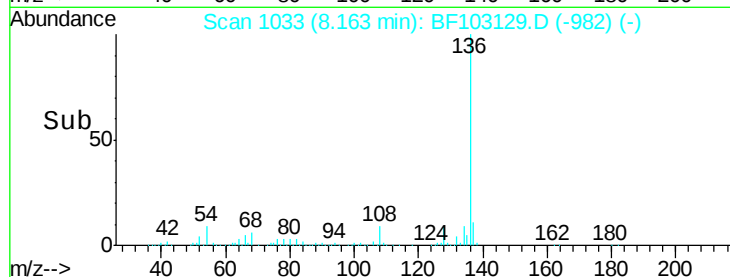


Abundance Ion 136.00 (135.70 to 136.70): E

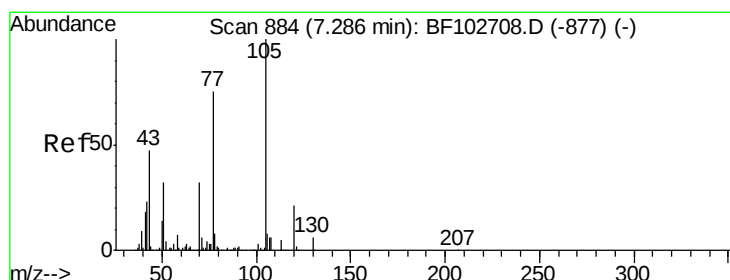
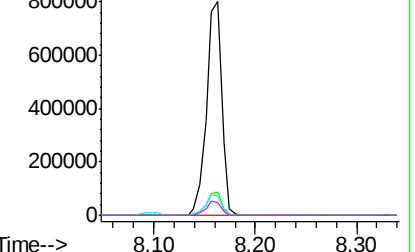
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 34.247 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Tgt Ion:105 Resp: 701810

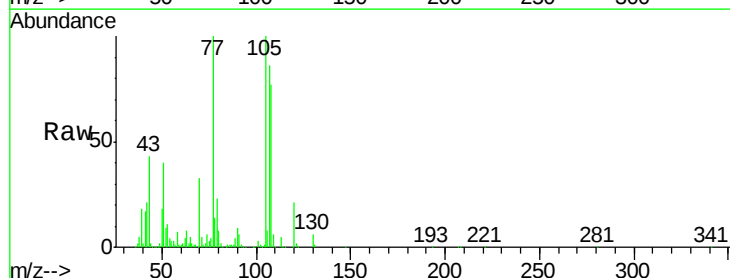
Ion Ratio Lower Upper

105 100

71 5.5 4.4 6.6

51 40.1 22.3 33.5#

120 21.1 16.9 25.3

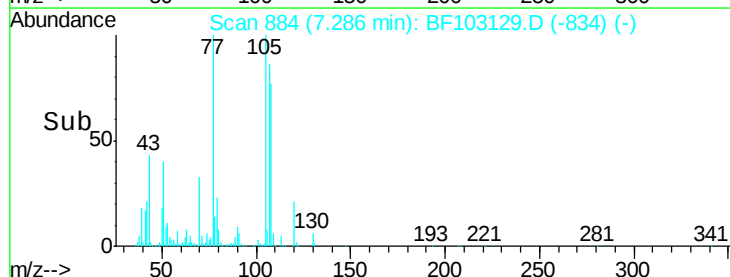


Abundance Ion 105.00 (104.70 to 105.70): E

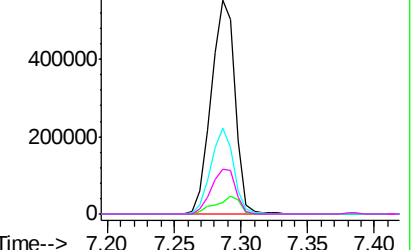
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

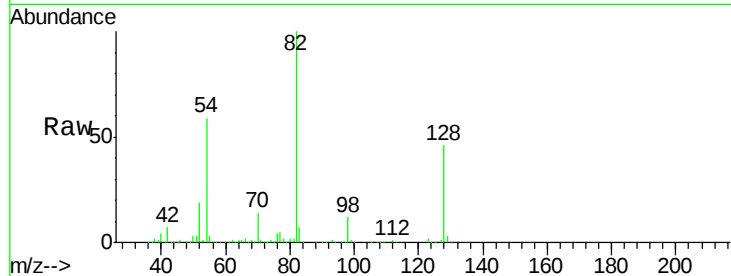




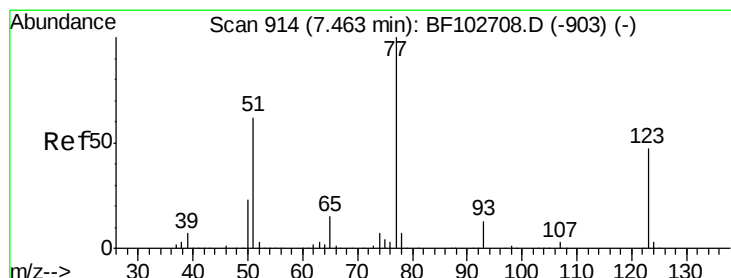
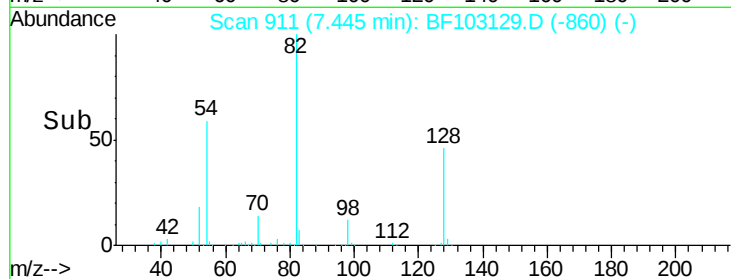
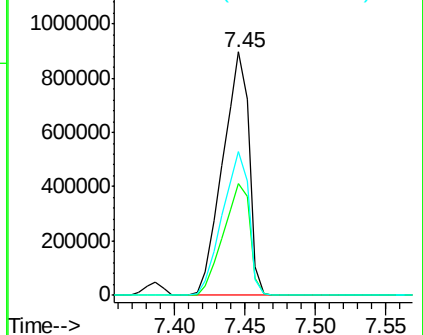
#23
Nitrobenzene-d5
Concen: 96.157 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB106699BS

Tot Ion: 82 Resp: 1160778
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 59.2 41.4 62.2

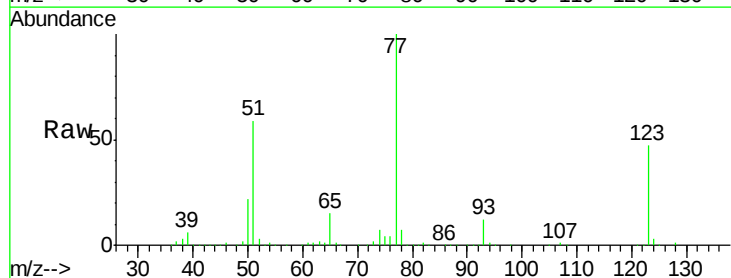


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

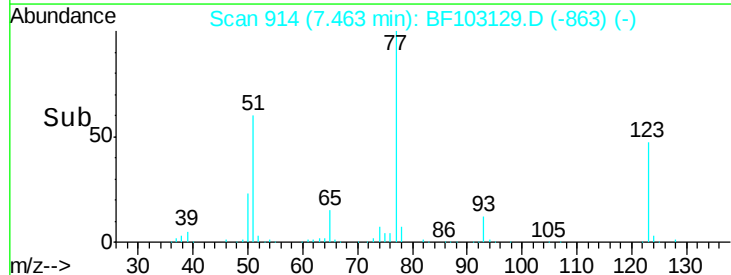
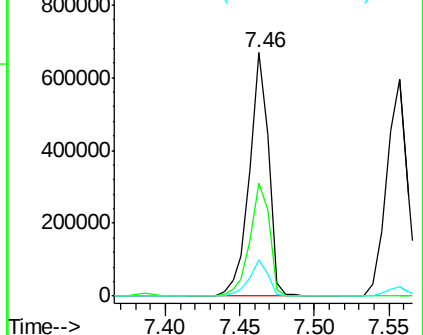


#24
Nitrobenzene
Concen: 41.536 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Tgt Ion: 77 Resp: 589874
Ion Ratio Lower Upper
77 100
123 46.6 37.9 56.9
65 14.9 11.0 16.4



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





#25

Isophorone

Concen: 40.793 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

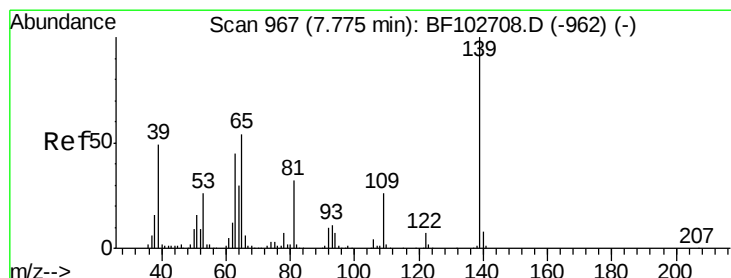
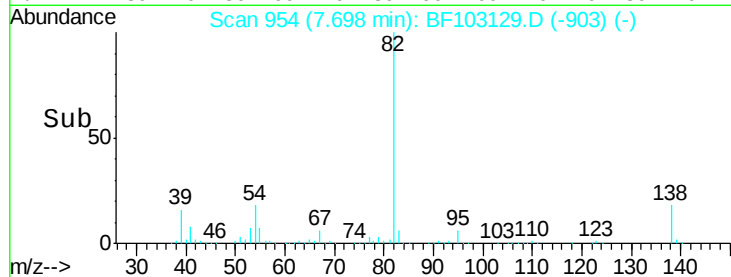
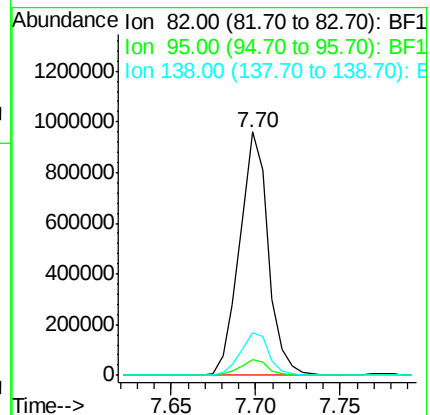
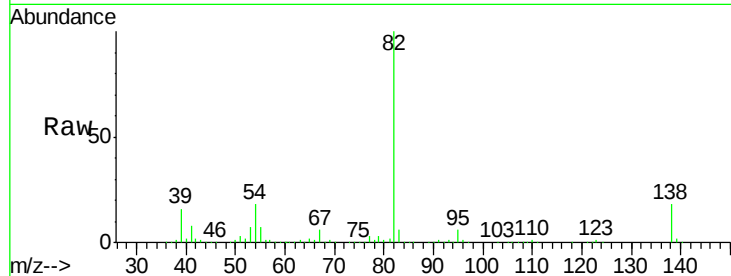
Tot Ion: 82 Resp: 1133916

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 53.996 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

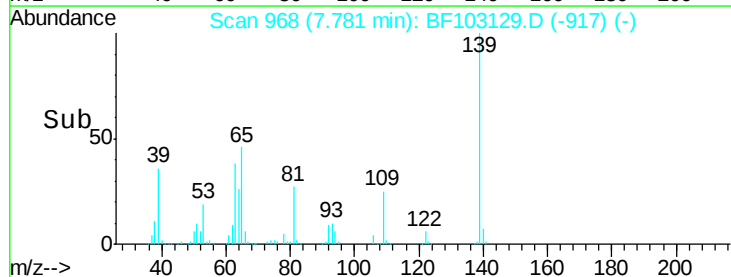
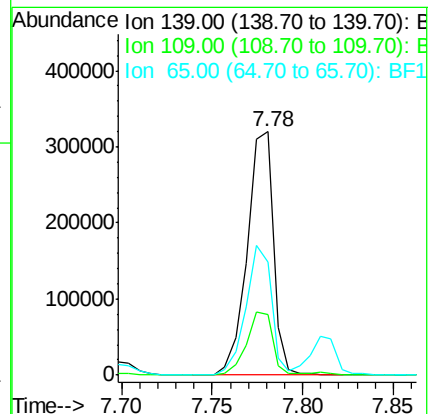
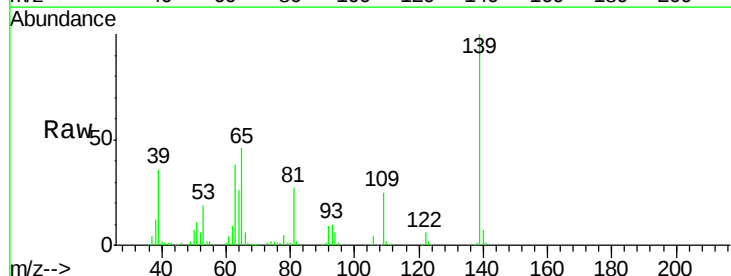
Tgt Ion: 139 Resp: 322699

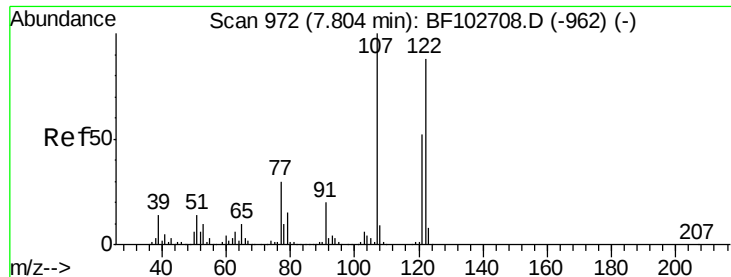
Ion Ratio Lower Upper

139 100

109 24.9 22.7 34.1

65 46.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 45.218 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

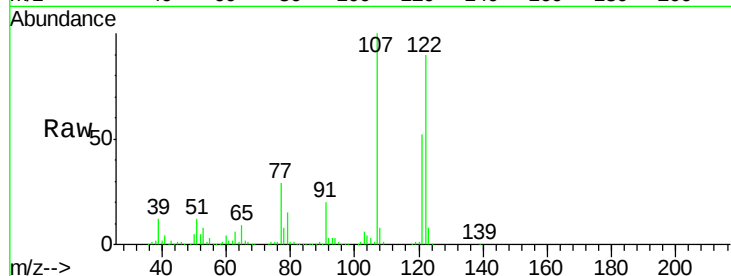
Tot Ion:122 Resp: 531021

Ion Ratio Lower Upper

122 100

107 110.6 91.2 136.8

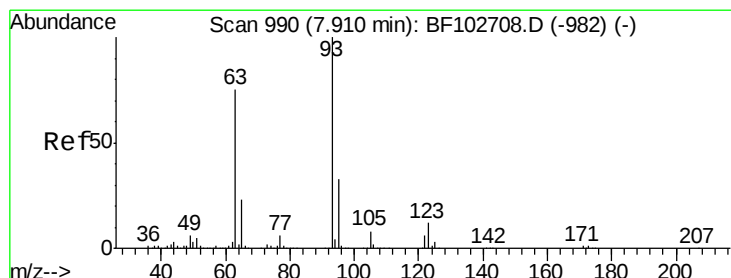
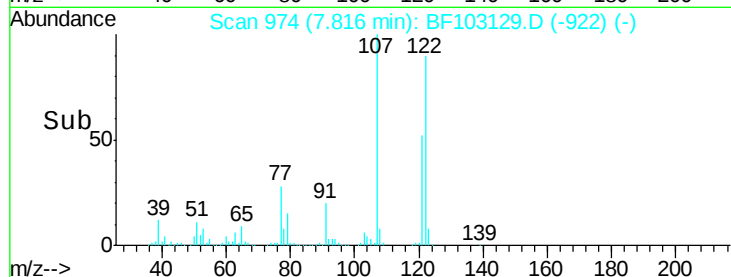
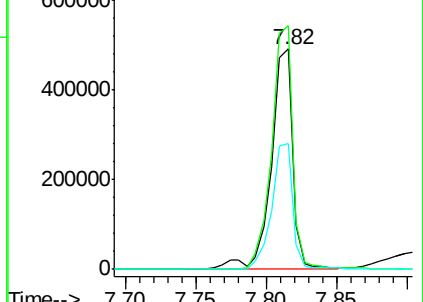
121 57.4 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.664 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

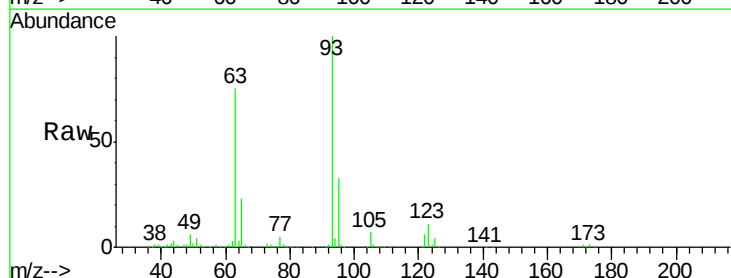
Tgt Ion: 93 Resp: 702528

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

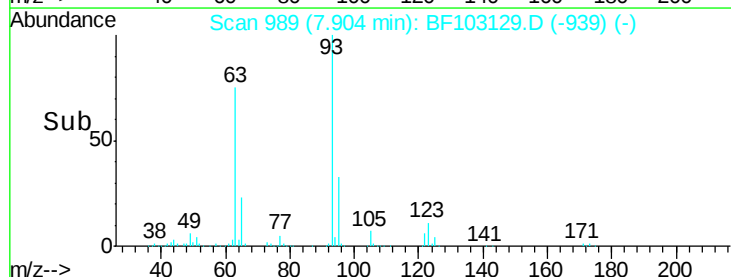
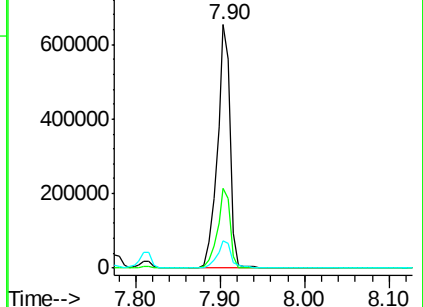
123 11.0 9.8 14.6



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

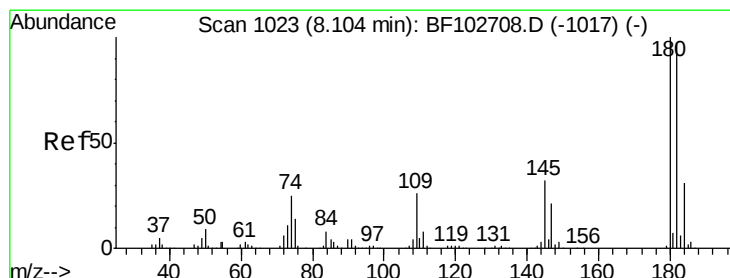
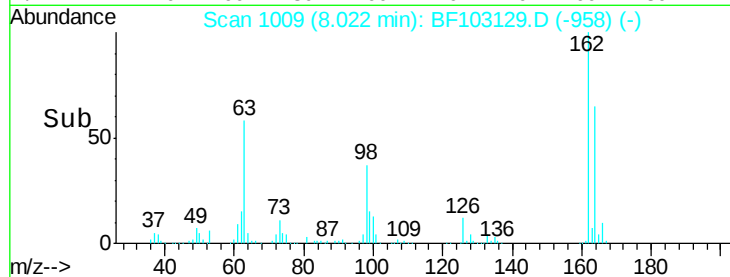
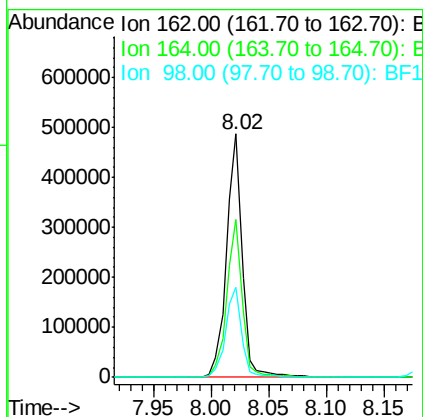
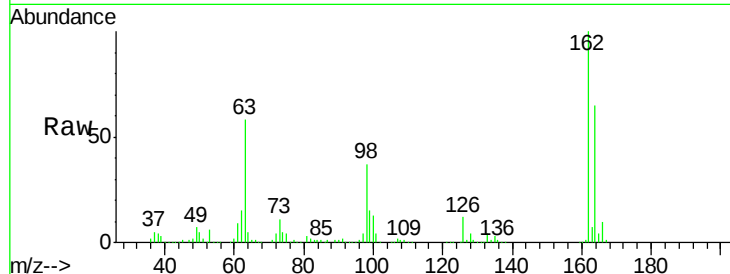




#29
 2,4-Dichlorophenol
 Concen: 43.292 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF103129.D
 Acq: 21 Feb 2018 12:03

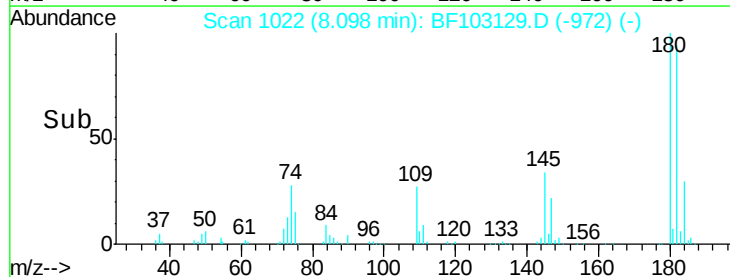
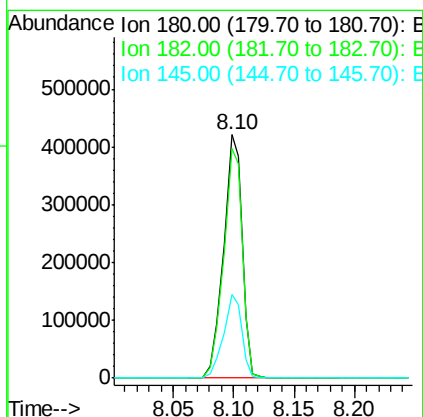
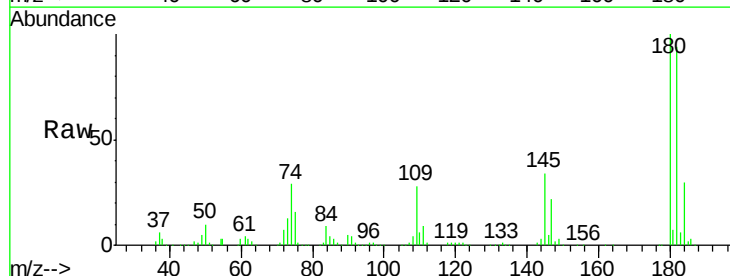
Instrument :
 BNA_F
 ClientSampleId :
 PB106699BS

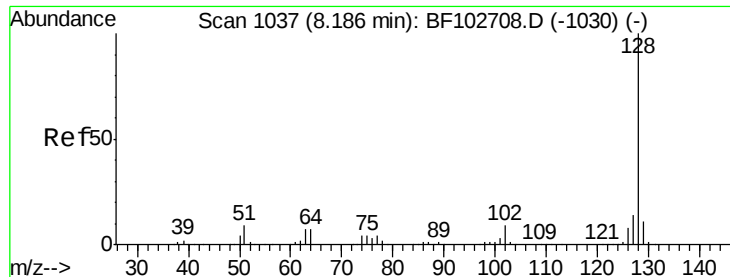
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.7	82.7
98	36.8	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.181 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF103129.D
 Acq: 21 Feb 2018 12:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.8	115.2
145	34.4	26.5	39.7





#31

Naphthalene

Concen: 37.253 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

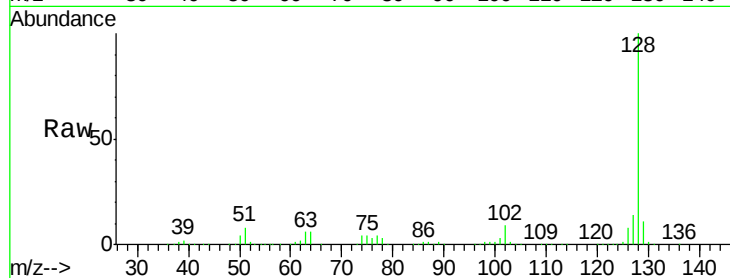
Tot Ion:128 Resp: 1524176

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

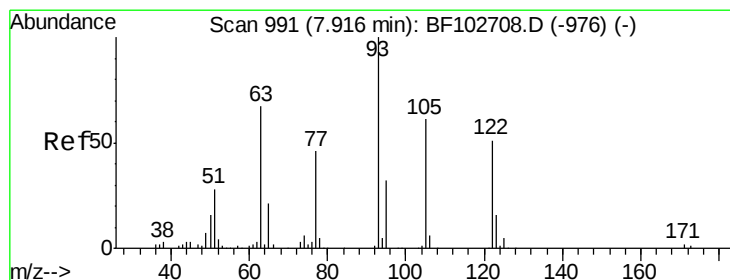
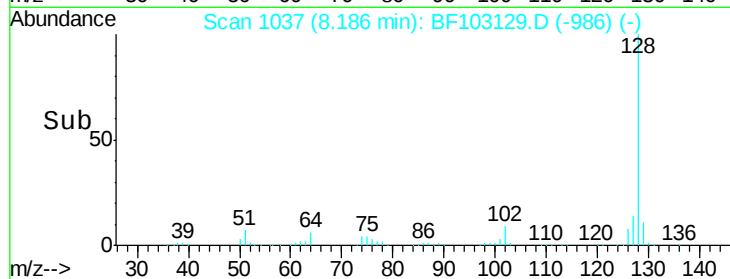
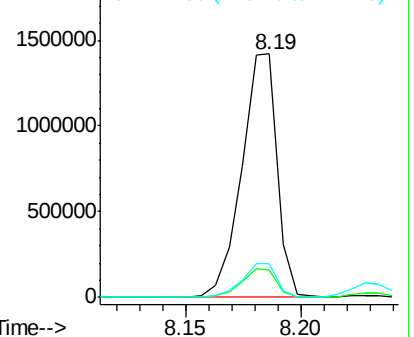
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.678 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

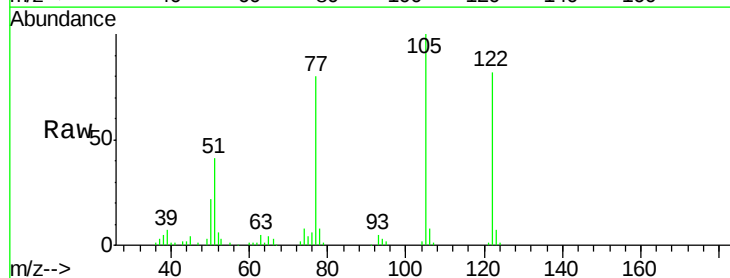
Tgt Ion:122 Resp: 177977

Ion Ratio Lower Upper

122 100

105 121.4 101.1 141.1

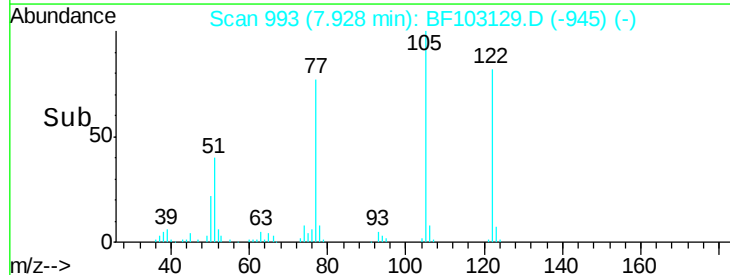
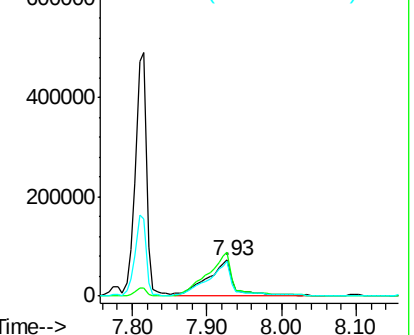
77 96.6 70.7 110.7



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

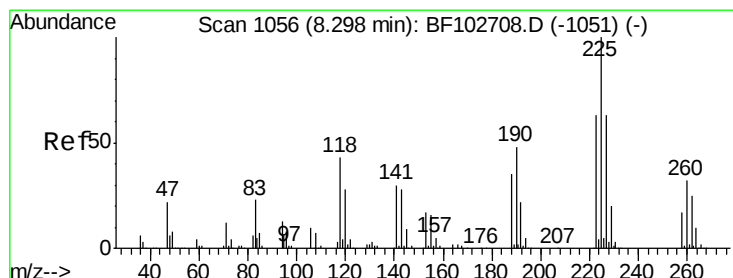
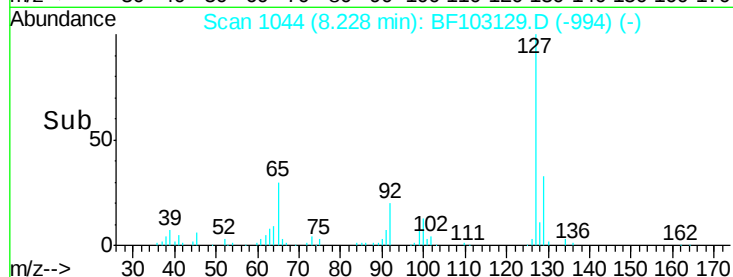
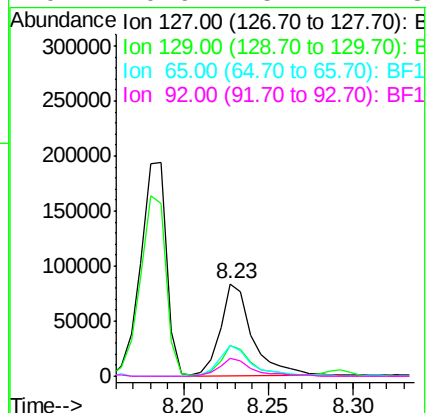
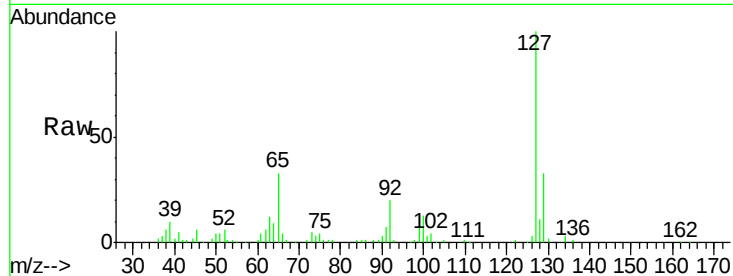




#33
4-Chloroaniline
Concen: 6.223 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

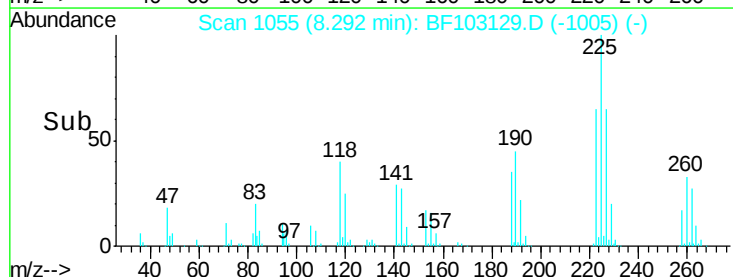
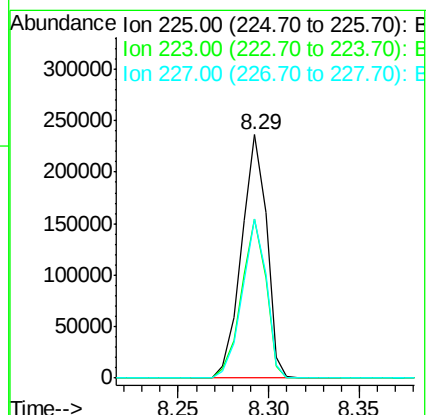
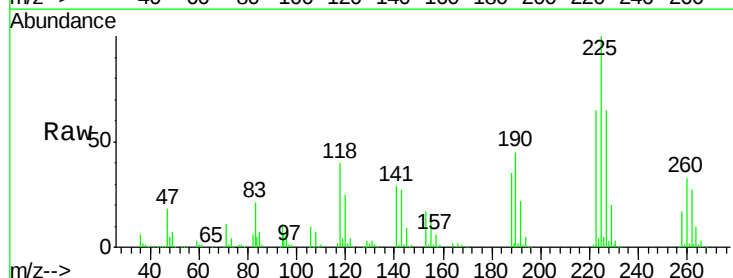
Instrument :
BNA_F
ClientSampleId :
PB106699BS

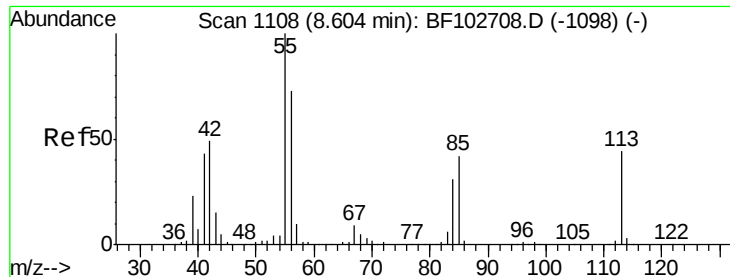
Tot Ion:	127	Resp:	109691
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	32.7	25.0	37.4
92	19.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 36.721 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Tgt Ion:	225	Resp:	227252
Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.6	76.0
227	65.4	51.9	77.9

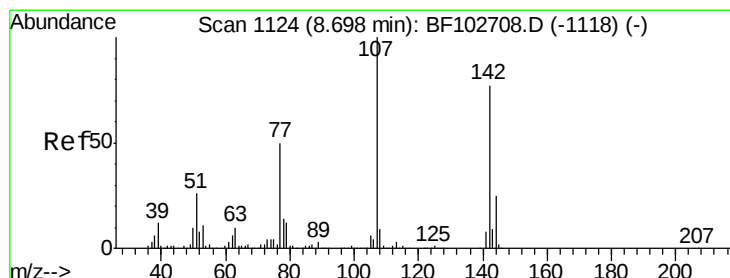
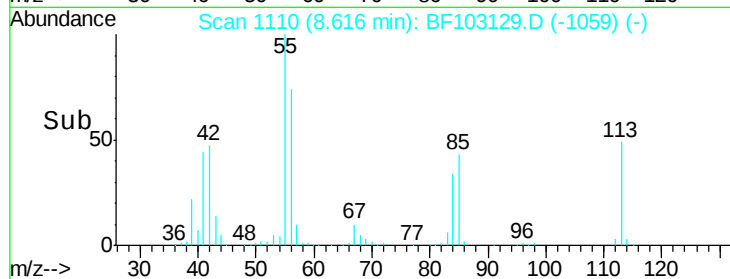
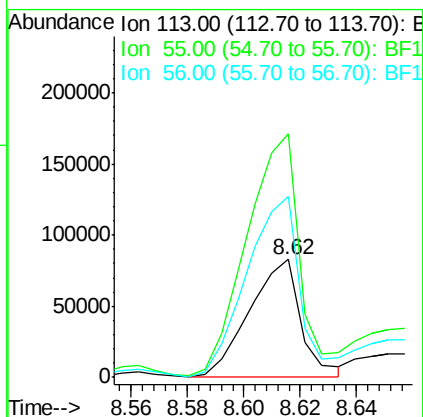
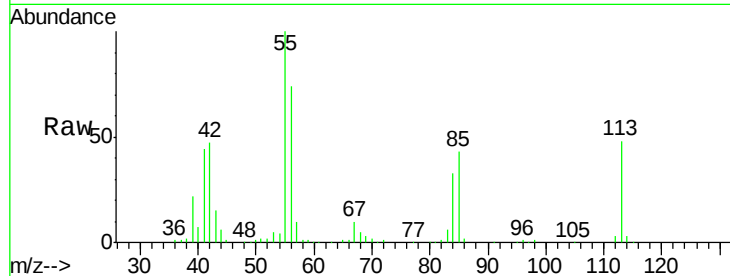




#35
 Caprolactam
 Concen: 28.337 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF103129.D
 Acq: 21 Feb 2018 12:03

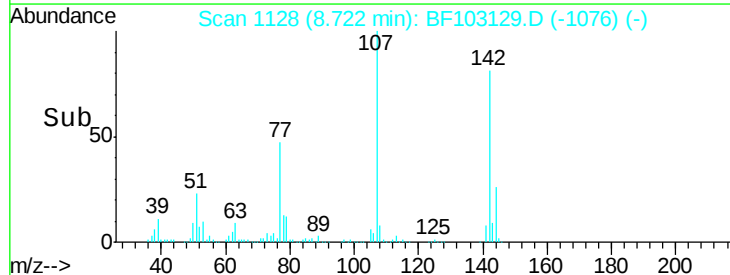
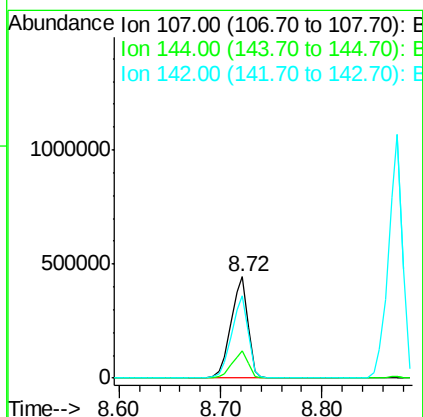
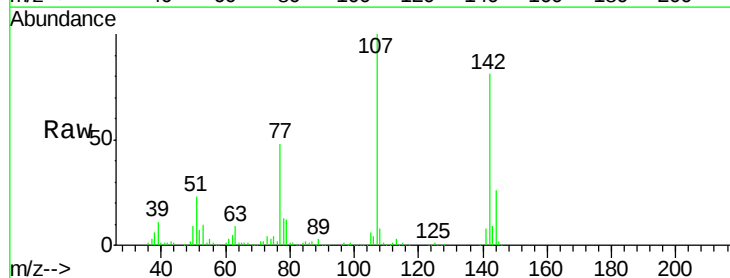
Instrument :
 BNA_F
 ClientSampleId :
 PB106699BS

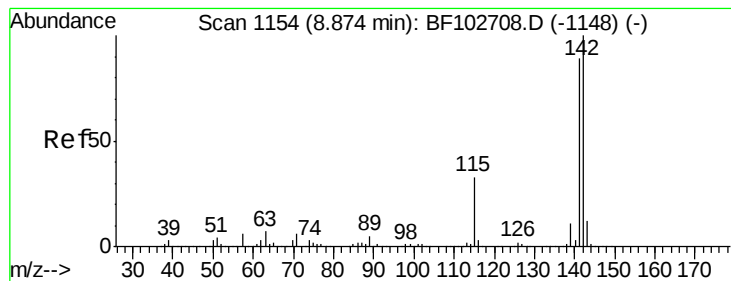
Tot Ion:113 Resp: 105061
 Ion Ratio Lower Upper
 113 100
 55 206.2 163.3 203.3#
 56 152.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.093 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF103129.D
 Acq: 21 Feb 2018 12:03

Tgt Ion:107 Resp: 516904
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 80.8 62.0 93.0

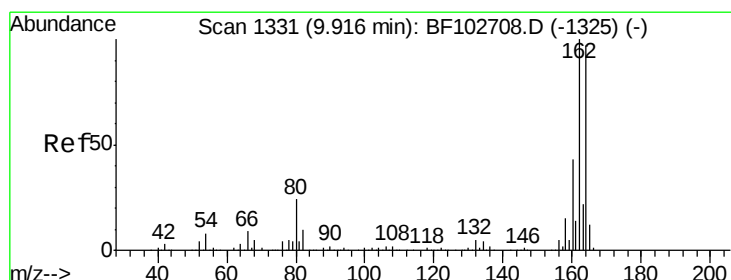
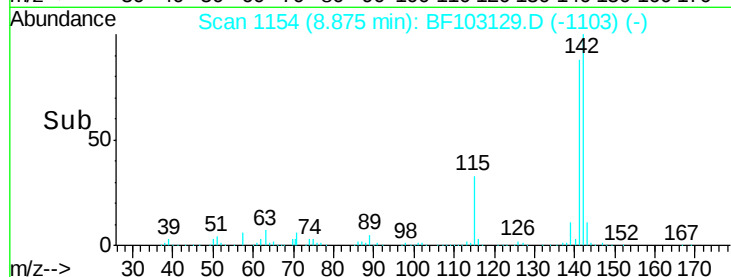
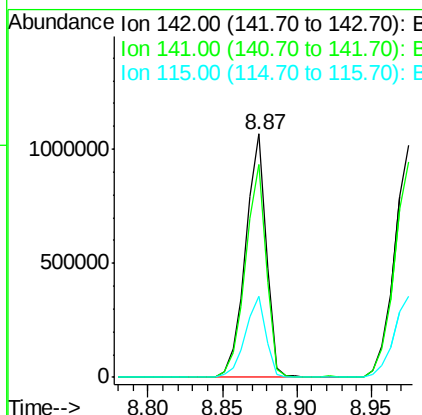
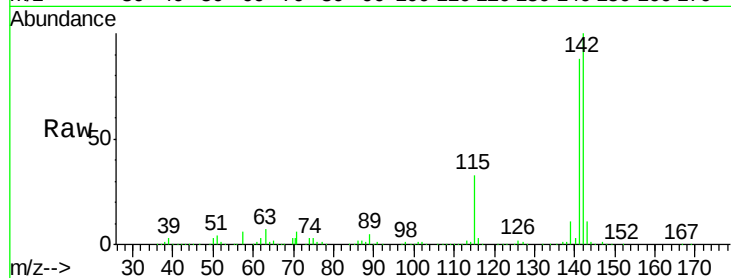




#37
 2-Methylnaphthalene
 Concen: 38.219 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF103129.D
 Acq: 21 Feb 2018 12:03

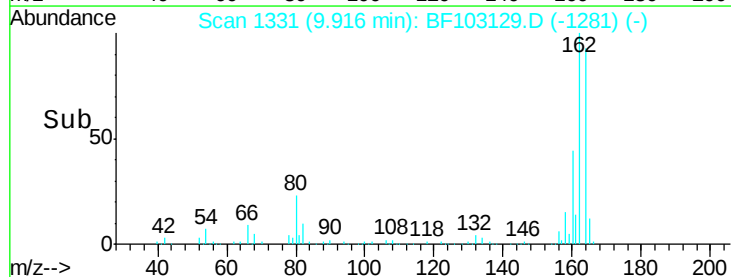
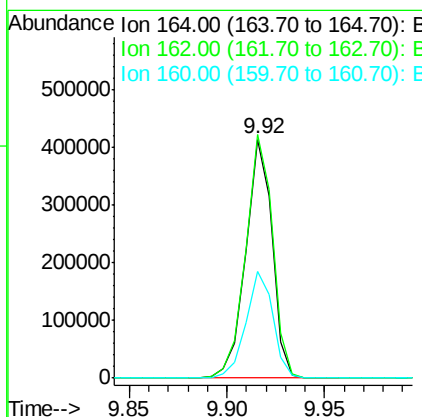
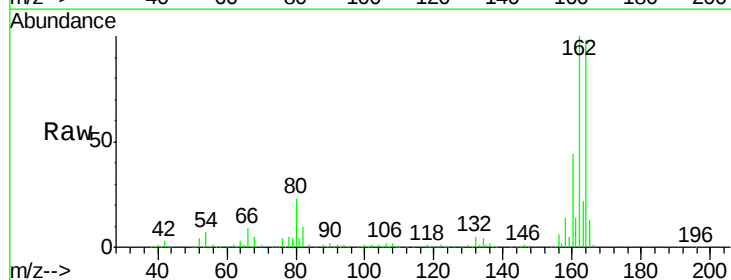
Instrument :
 BNA_F
 ClientSampleId :
 PB106699BS

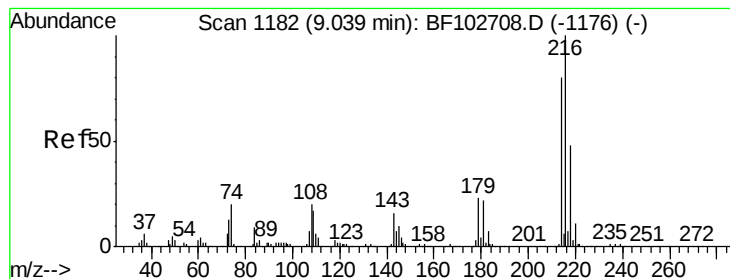
Tot Ion:142 Resp: 1023775
 Ion Ratio Lower Upper
 142 100
 141 87.5 70.8 106.2
 115 33.2 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103129.D
 Acq: 21 Feb 2018 12:03

Tgt Ion:164 Resp: 388138
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 44.8 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.625 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

Tot Ion:216 Resp: 387070

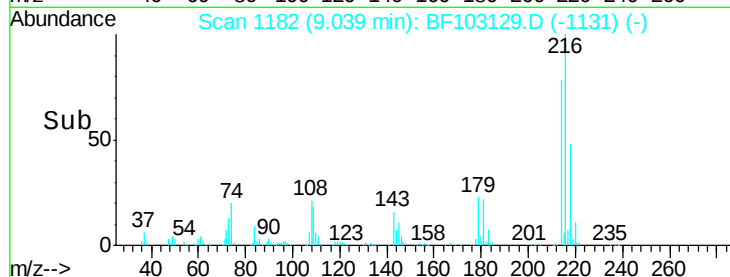
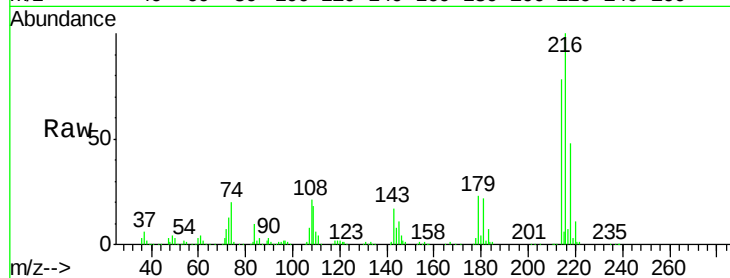
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 23.0 18.1 27.1

108 24.0 17.2 25.8

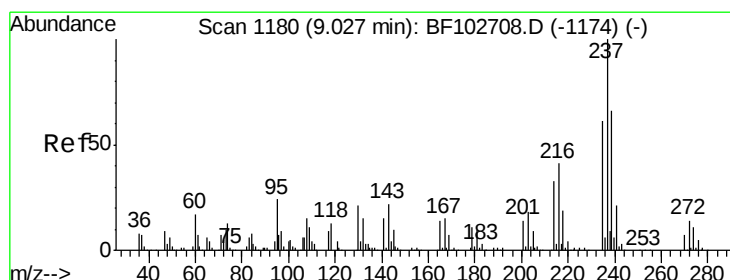
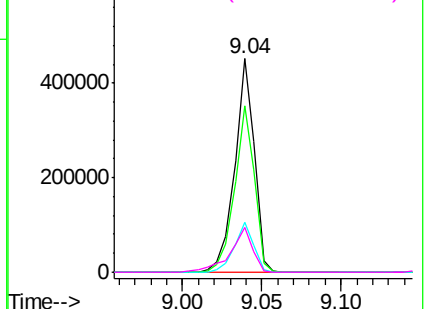


Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.426 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

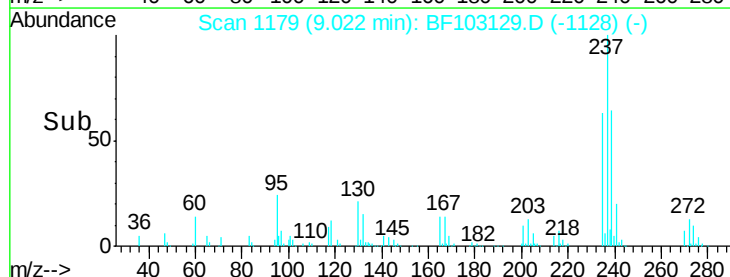
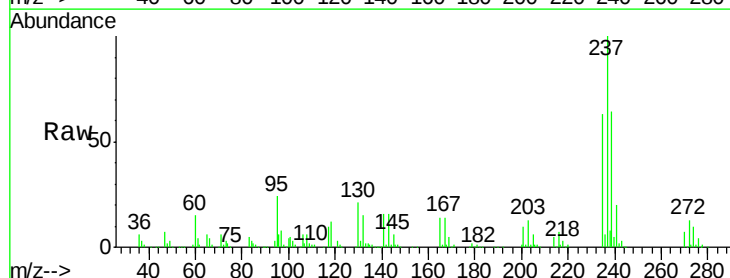
Tgt Ion:237 Resp: 318648

Ion Ratio Lower Upper

237 100

235 62.9 44.8 84.8

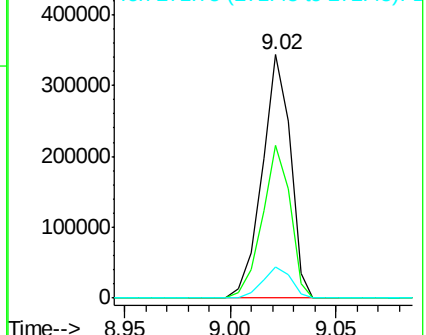
272 12.9 0.0 33.3

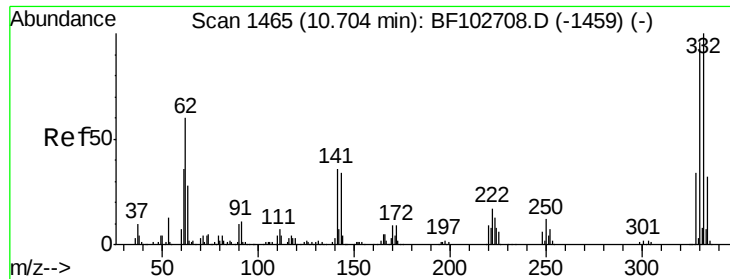


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

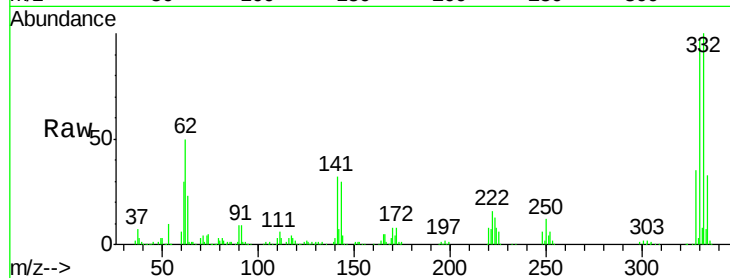




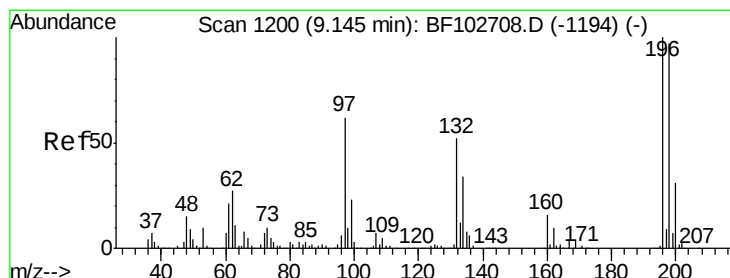
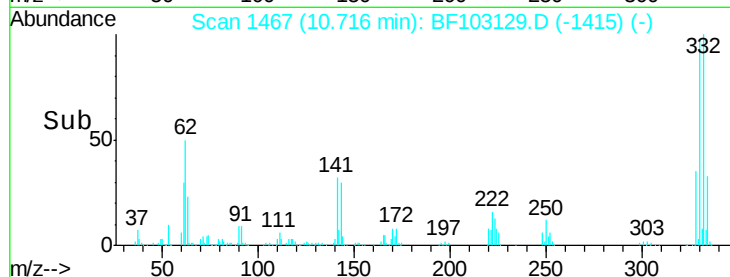
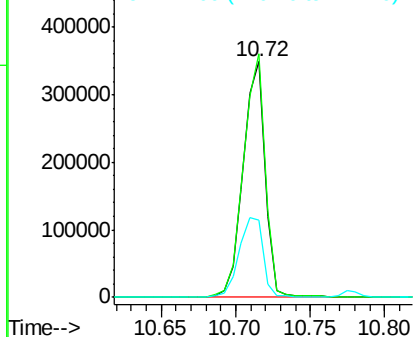
#41
 2,4,6-Tribromophenol
 Concen: 115.219 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103129.D
 Acq: 21 Feb 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB106699BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.9	77.0	115.6
141	37.6	29.9	44.9

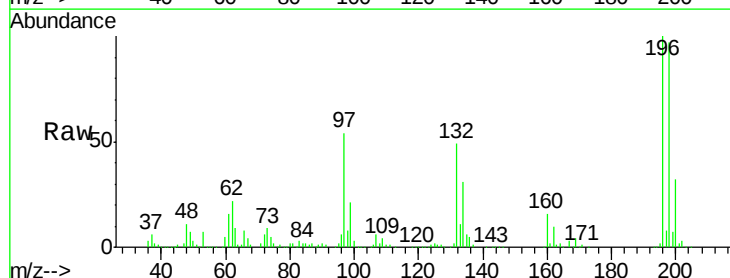


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

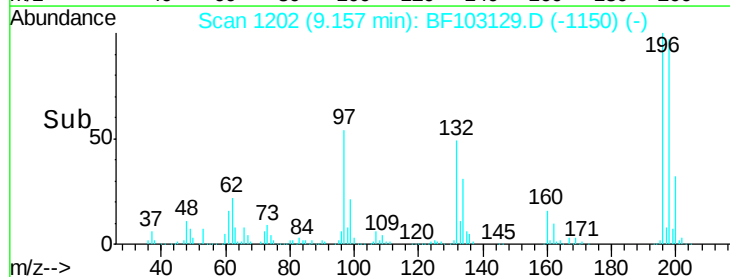
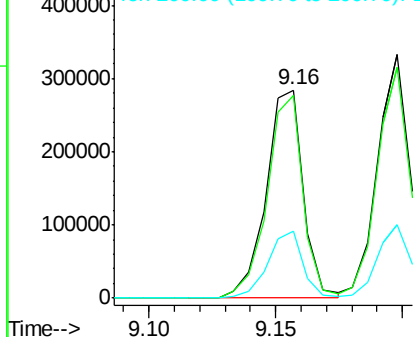


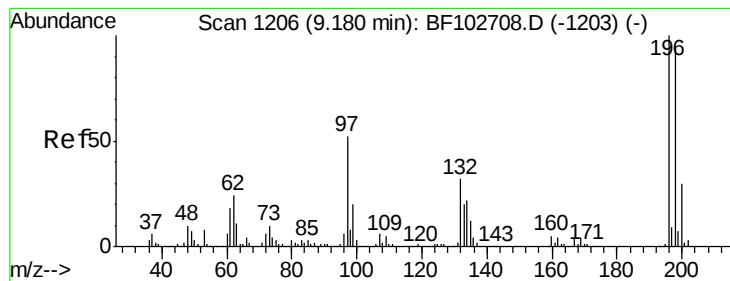
#42
 2,4,6-Trichlorophenol
 Concen: 41.965 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF103129.D
 Acq: 21 Feb 2018 12:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	75.7	113.5
200	32.1	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: 39.242 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

Tot Ion:196 Resp: 307024

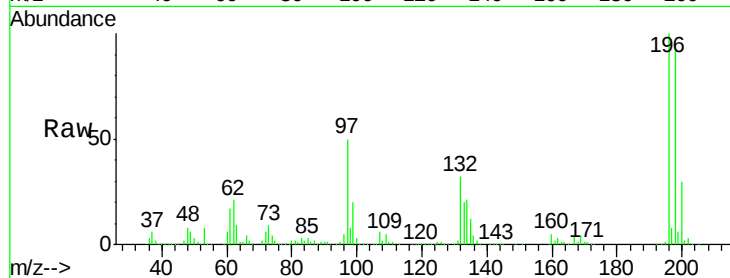
Ion Ratio Lower Upper

196 100

198 95.0 74.6 112.0

97 49.7 42.9 64.3

132 32.0 26.3 39.5

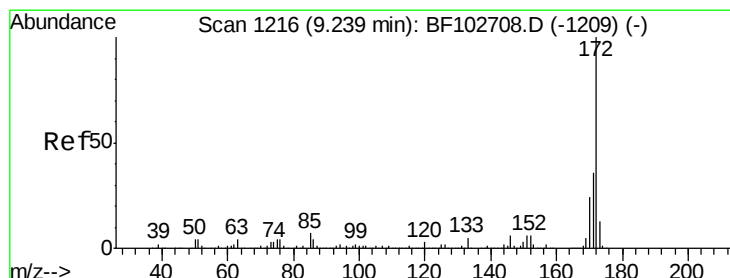
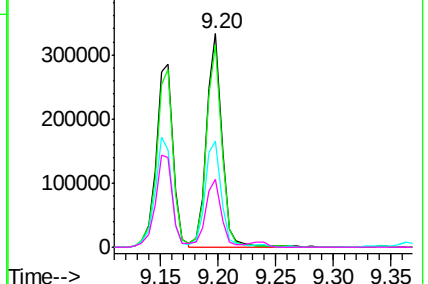
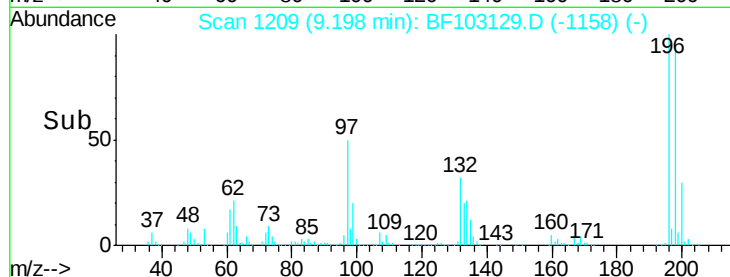


Abundance Ion 196.00 (195.70 to 196.70): E

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: 77.582 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

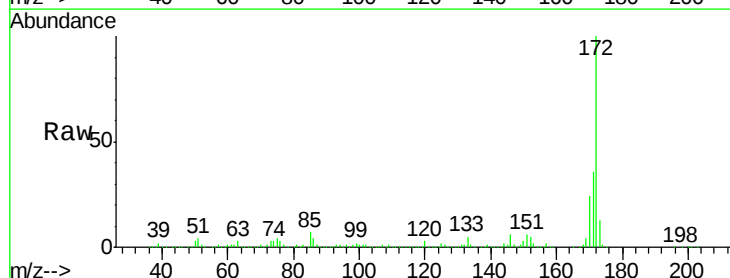
Tgt Ion:172 Resp: 1814705

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

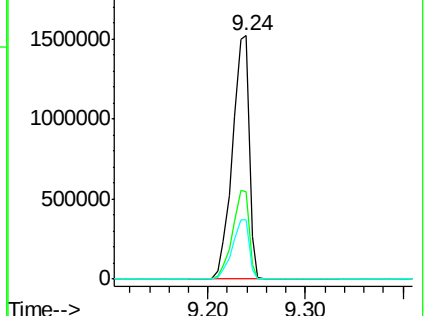
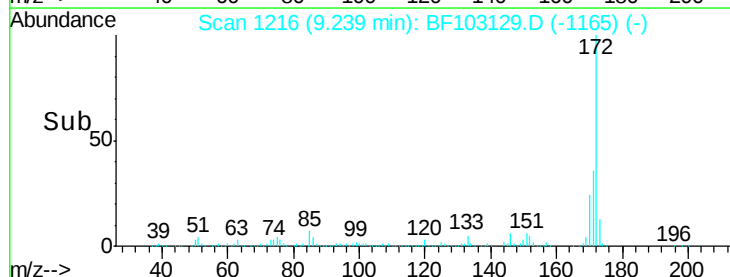
170 24.4 19.6 29.4

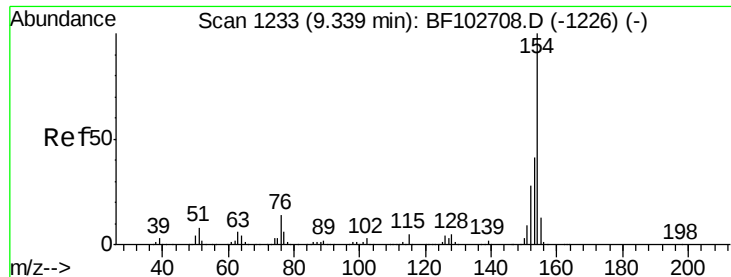


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.042 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

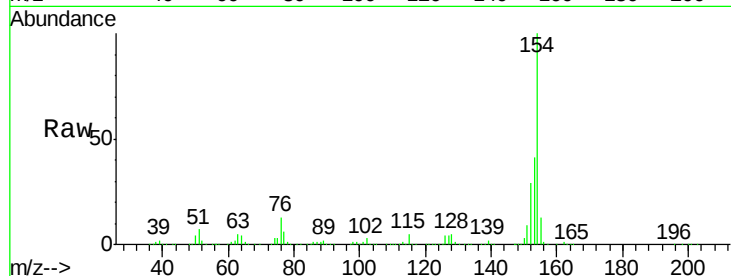
Tot Ion:154 Resp: 1145595

Ion Ratio Lower Upper

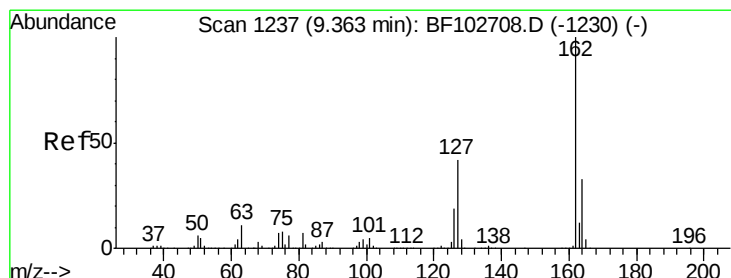
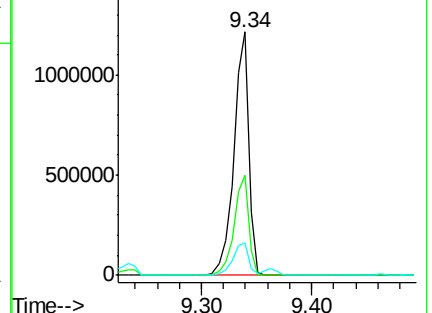
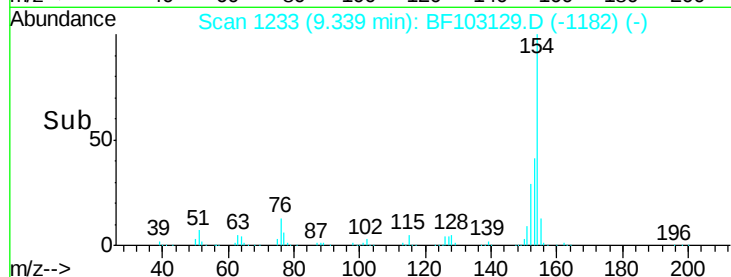
154 100

153 41.2 21.3 61.3

76 13.2 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: 36.556 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

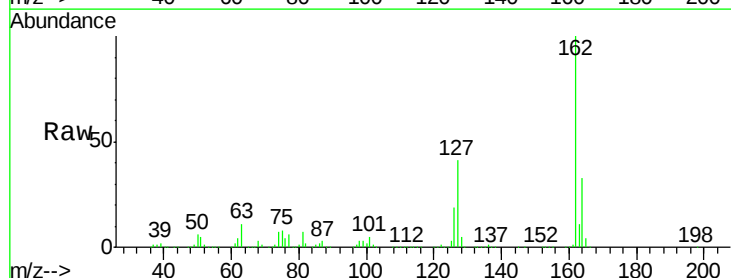
Tgt Ion:162 Resp: 940847

Ion Ratio Lower Upper

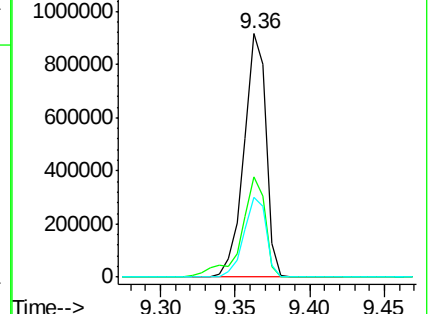
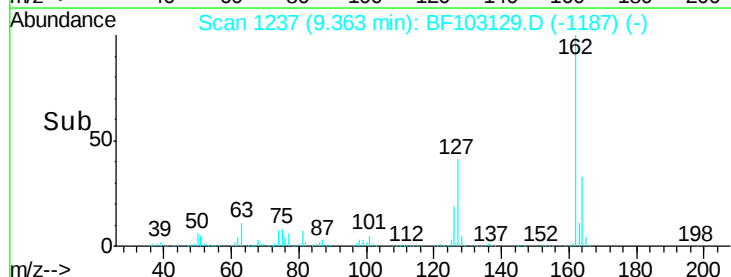
162 100

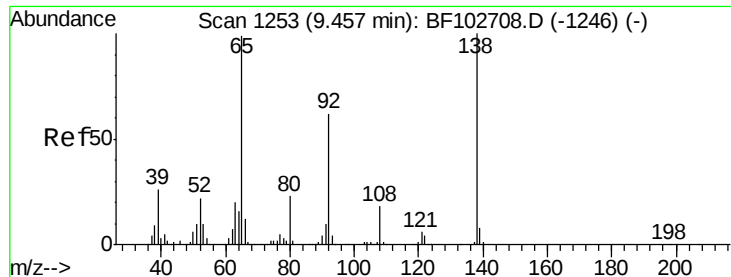
127 40.9 33.9 50.9

164 32.8 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: 44.858 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

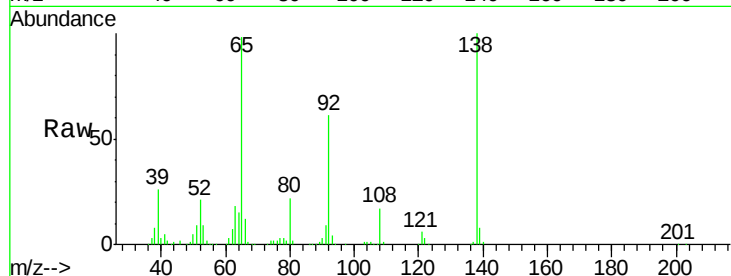
Tot Ion: 65 Resp: 354311

Ion Ratio Lower Upper

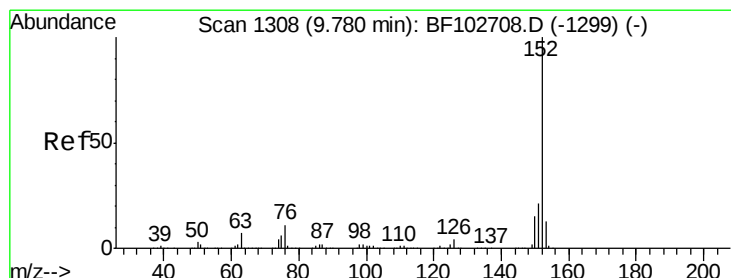
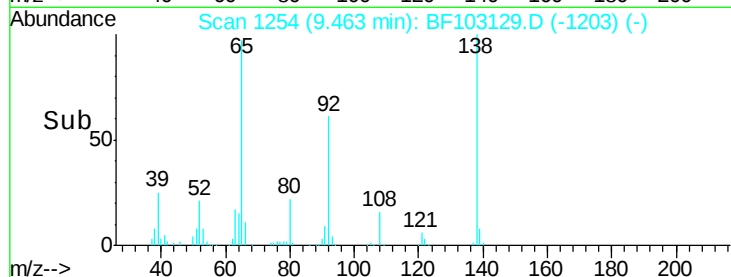
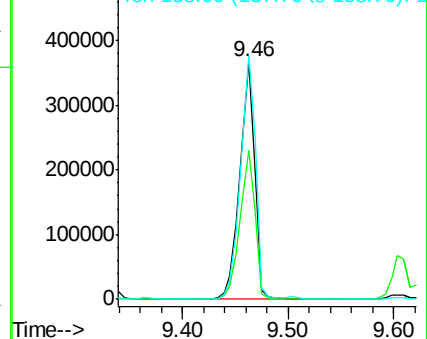
65 100

92 62.4 55.8 83.6

138 102.4 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 35.241 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

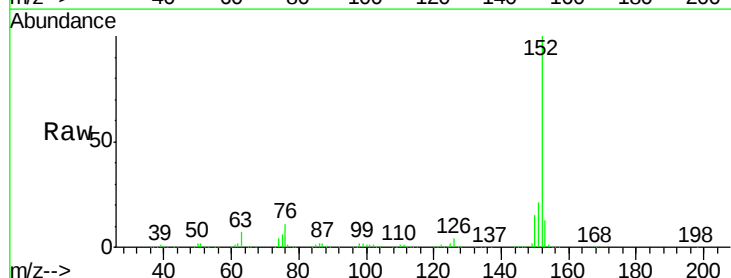
Tgt Ion: 152 Resp: 1408749

Ion Ratio Lower Upper

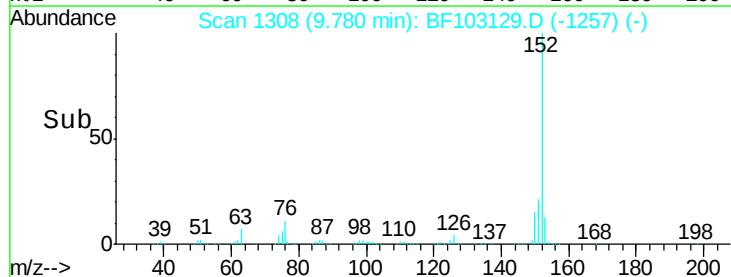
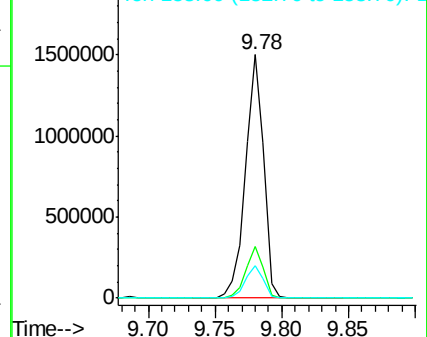
152 100

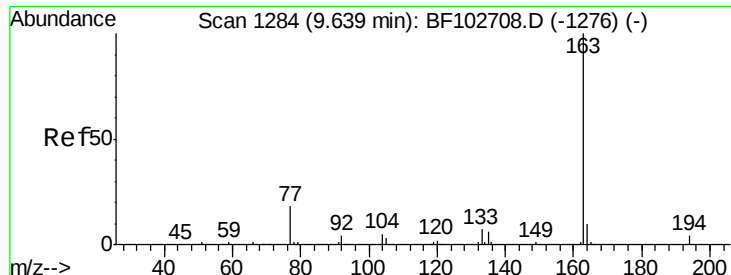
151 21.2 16.3 24.5

153 13.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

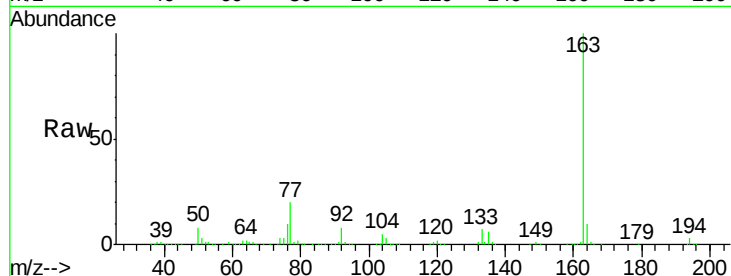




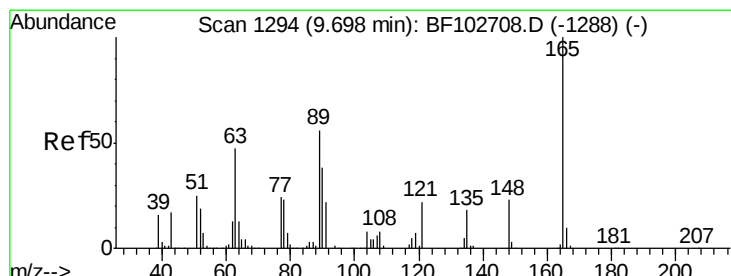
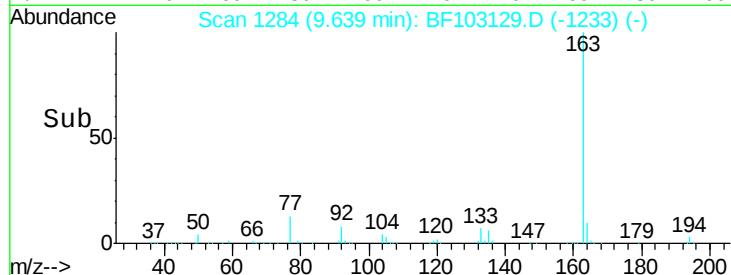
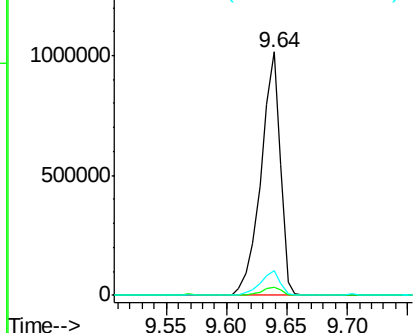
#49
Dimethylphthalate
Concen: 37.572 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB106699BS

Tot Ion:163 Resp: 1137069
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

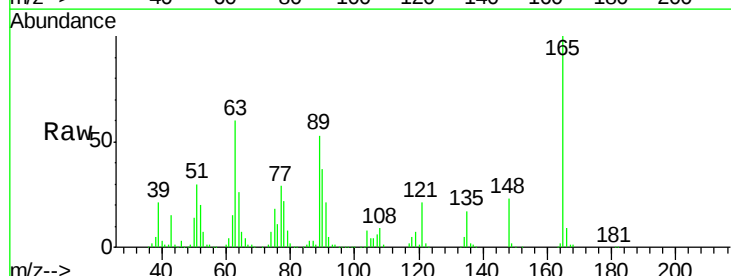


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

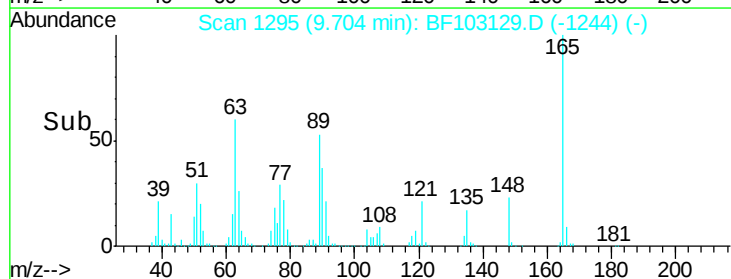
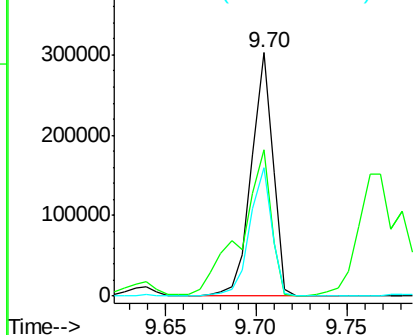


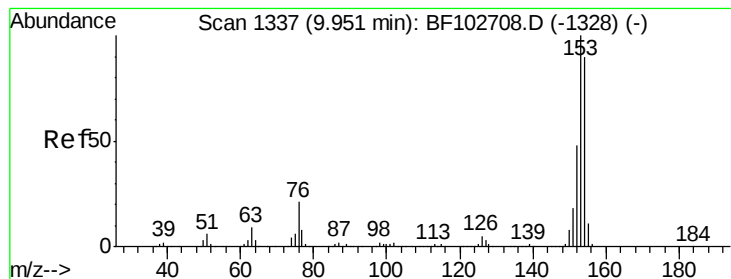
#50
2,6-Dinitrotoluene
Concen: 43.756 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Tgt Ion:165 Resp: 251935
Ion Ratio Lower Upper
165 100
63 60.2 44.7 67.1
89 52.6 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: 33.768 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

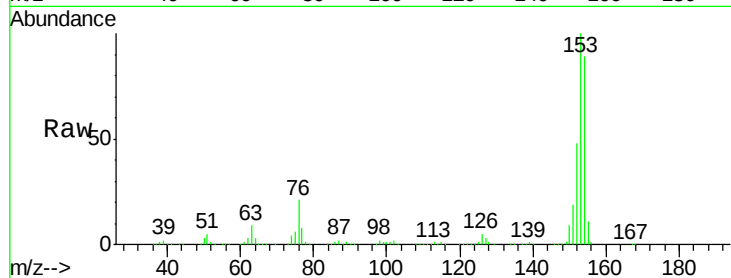
Tot Ion:154 Resp: 807248

Ion Ratio Lower Upper

154 100

153 111.9 91.2 136.8

152 53.2 43.8 65.8

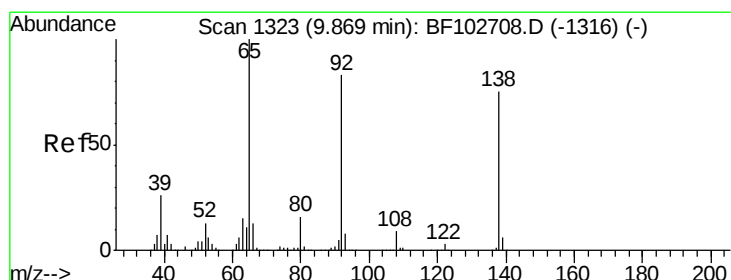
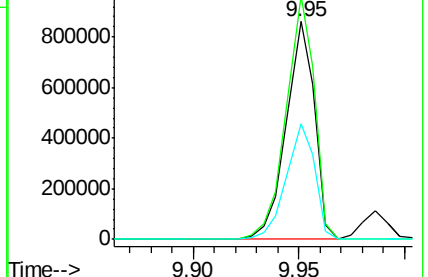
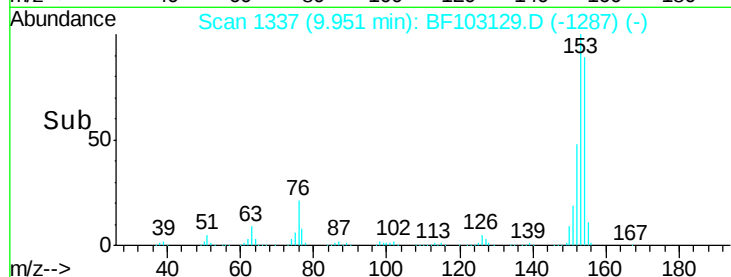


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



#52

3-Nitroaniline

Concen: 15.462 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

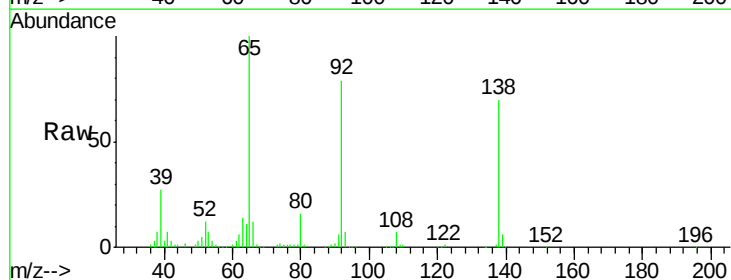
Tgt Ion:138 Resp: 109542

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

92 112.7 89.4 134.2

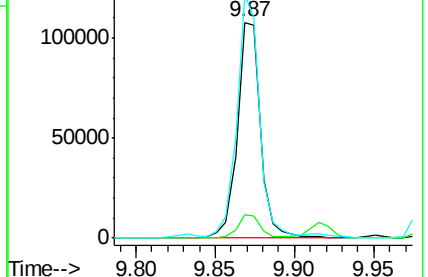
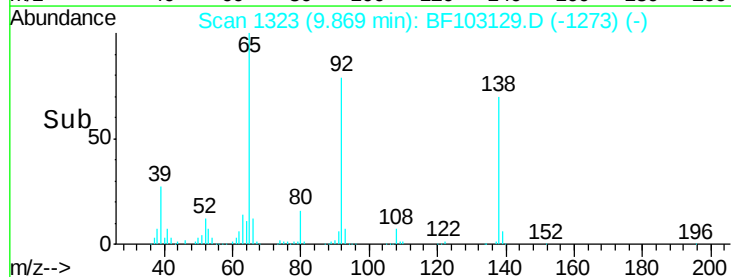


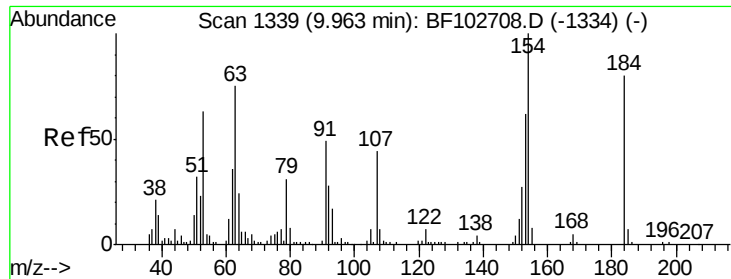
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

Time-->

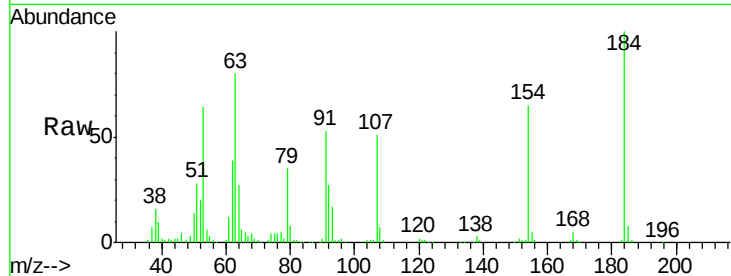




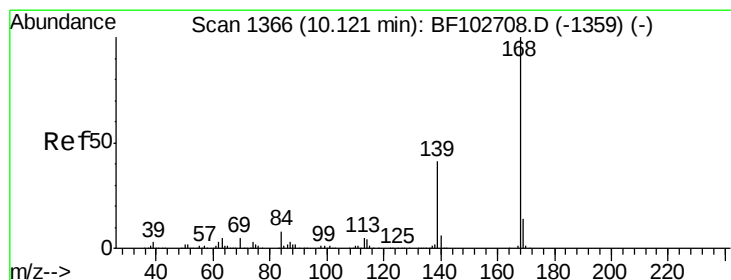
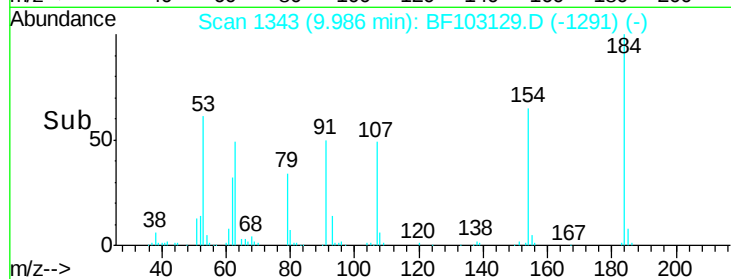
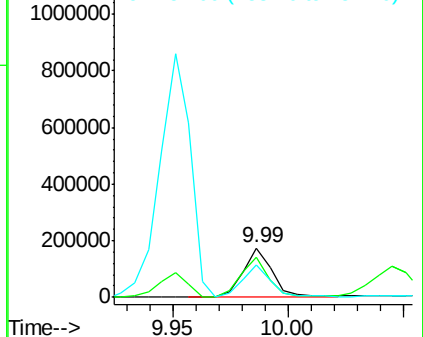
#53
2,4-Dinitrophenol
Concen: 80.245 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB106699BS

Tot Ion:184 Resp: 155750
Ion Ratio Lower Upper
184 100
63 79.7 54.2 81.2
154 64.9 184.0 276.0#

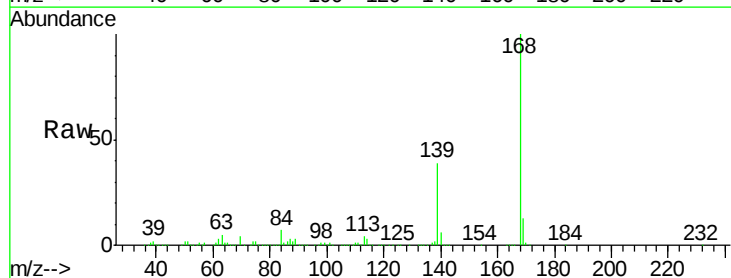


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

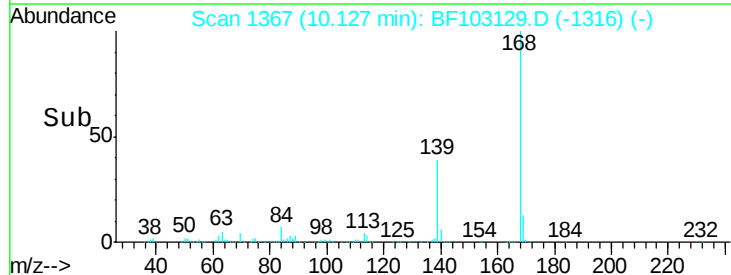
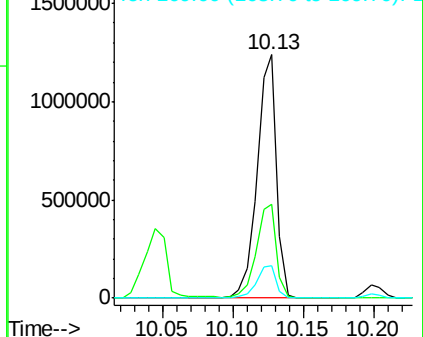


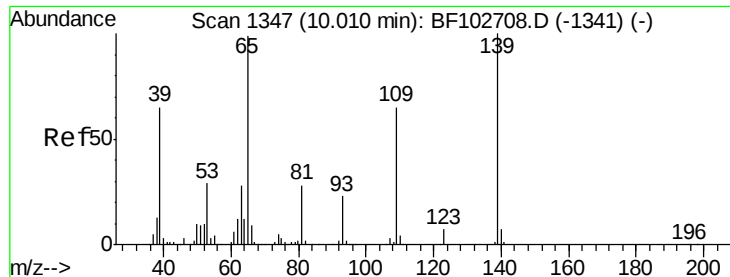
#54
Dibenzofuran
Concen: 35.642 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Tgt Ion:168 Resp: 1200782
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 13.3 10.9 16.3



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

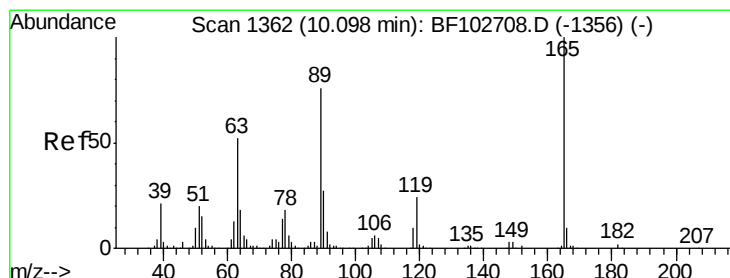
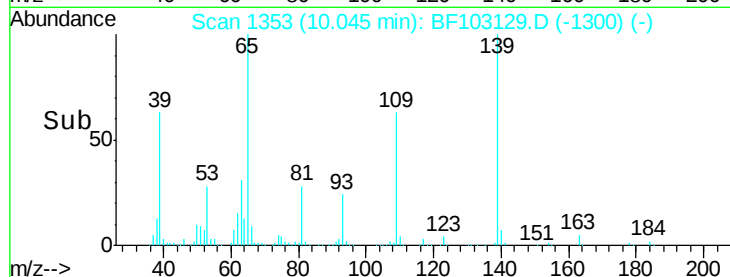
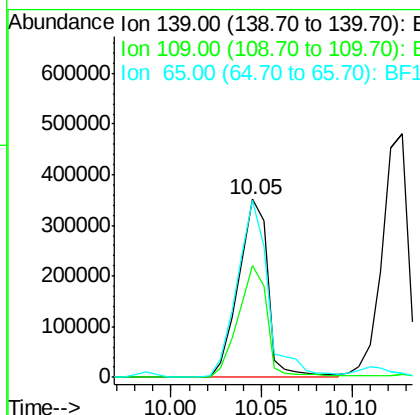
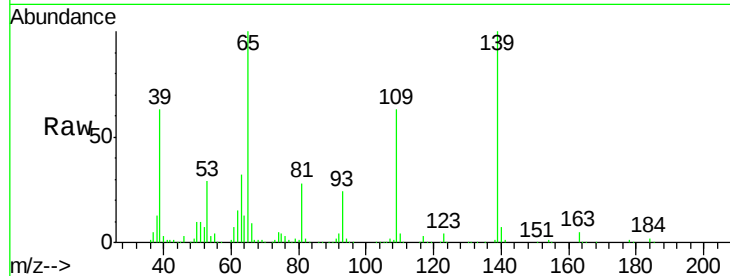




#55
4-Nitrophenol
Concen: 69.030 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

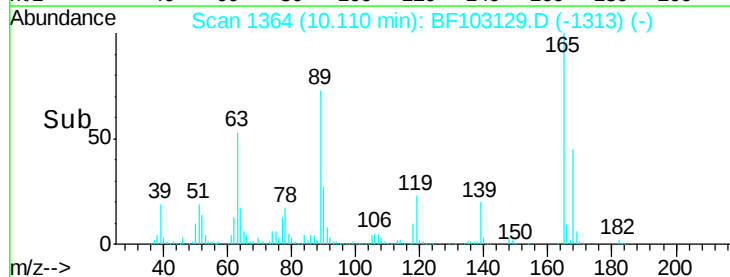
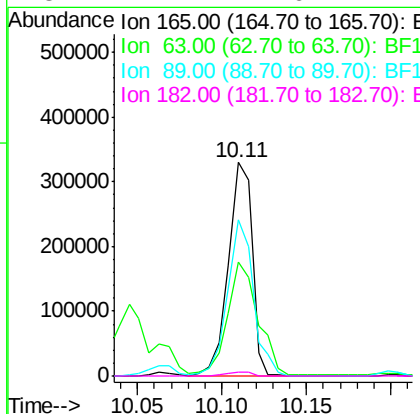
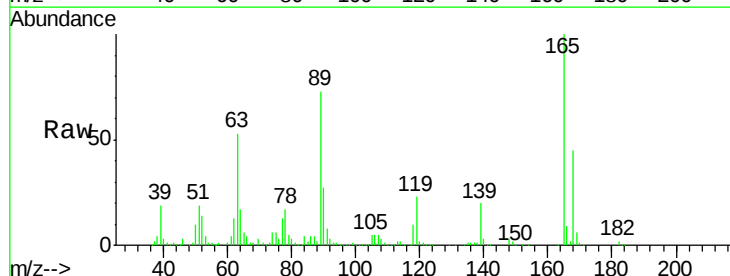
Instrument :
BNA_F
ClientSampleId :
PB106699BS

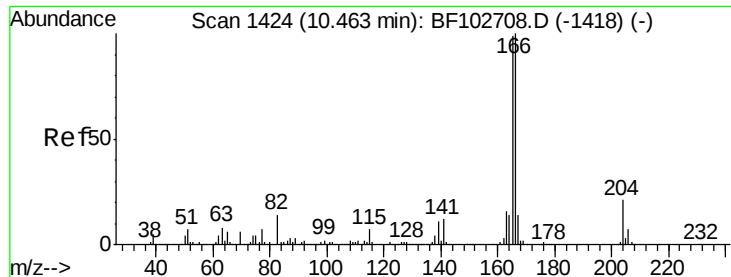
Tot Ion:139 Resp: 398512
Ion Ratio Lower Upper
139 100
109 62.5 48.4 88.4
65 99.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.122 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Tgt Ion:165 Resp: 322157
Ion Ratio Lower Upper
165 100
63 53.1 36.4 54.6
89 73.2 57.8 86.6
182 2.1 1.6 2.4

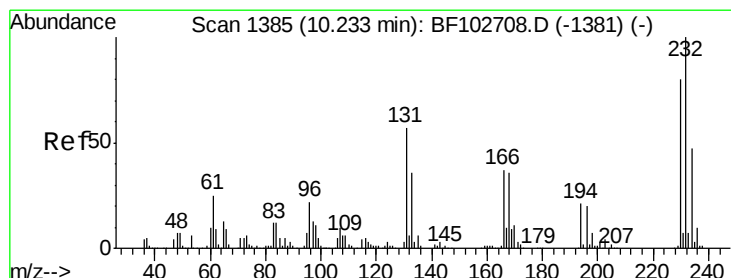
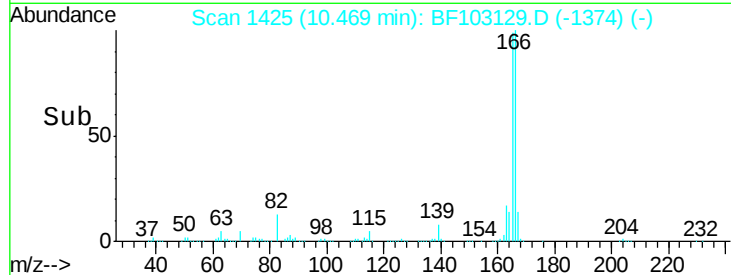
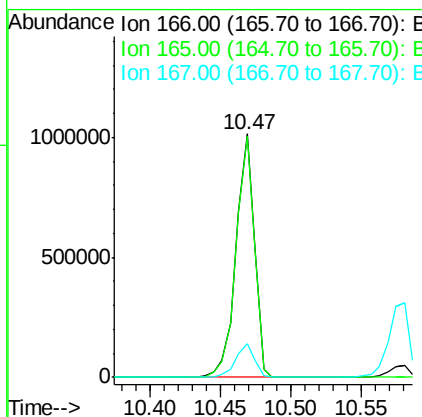
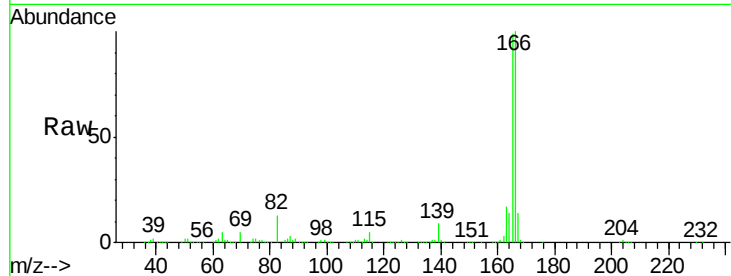




#57
Fluorene
 Concen: 37.552 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF103129.D
 Acq: 21 Feb 2018 12:03

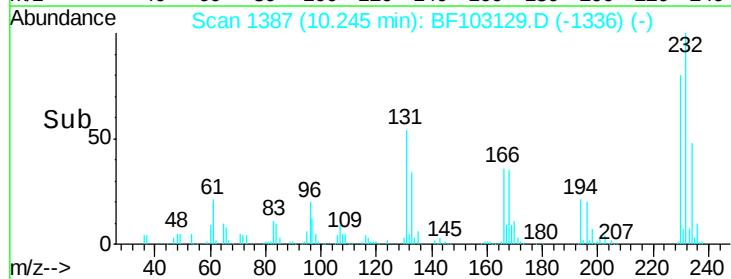
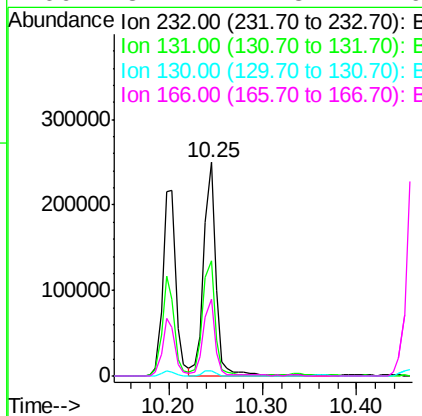
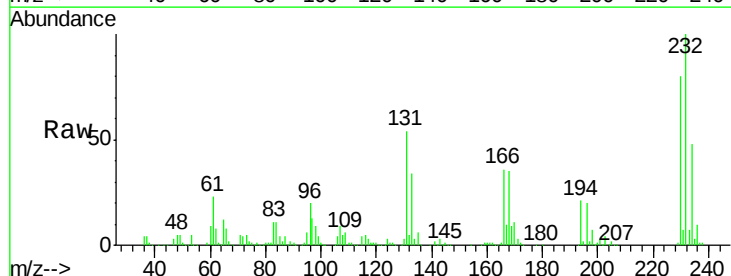
Instrument :
 BNA_F
 ClientSampleId :
 PB106699BS

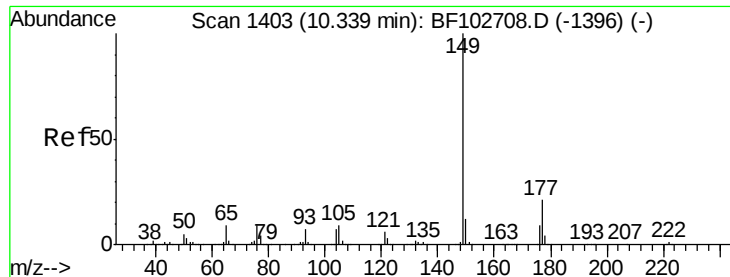
Tot Ion:166 Resp: 920466
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.8 119.8
 167 13.7 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.716 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF103129.D
 Acq: 21 Feb 2018 12:03

Tgt Ion:232 Resp: 226210
 Ion Ratio Lower Upper
 232 100
 131 55.2 43.8 65.8
 130 2.7 2.1 3.1
 166 34.7 27.8 41.6

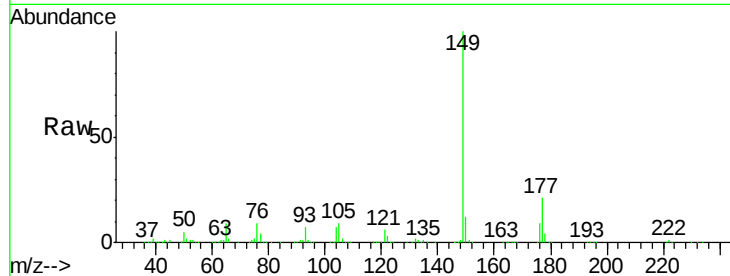




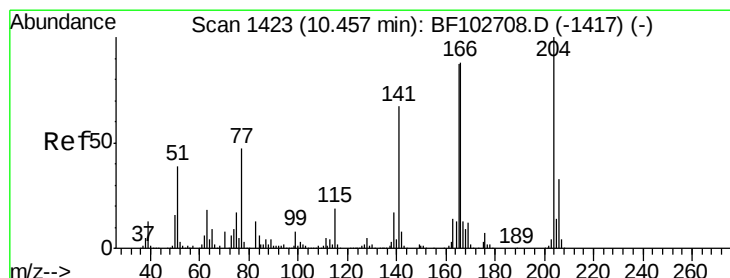
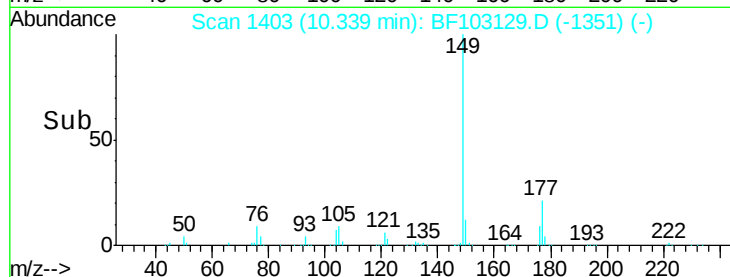
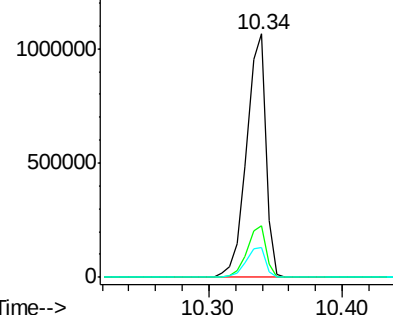
#59
Diethylphthalate
Concen: 35.253 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB106699BS

Tot Ion:149 Resp: 1053455
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.2 10.1 15.1

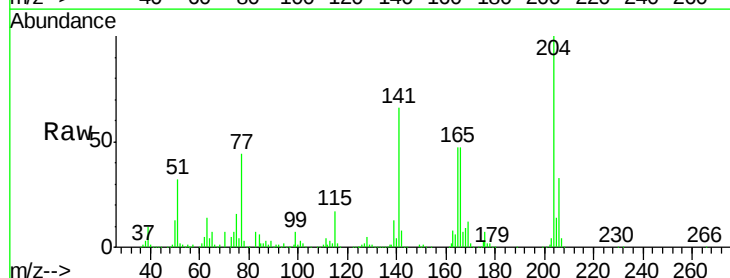


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

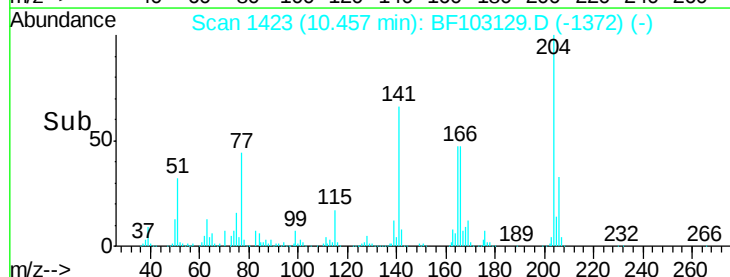
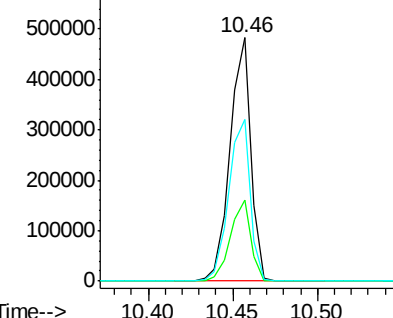


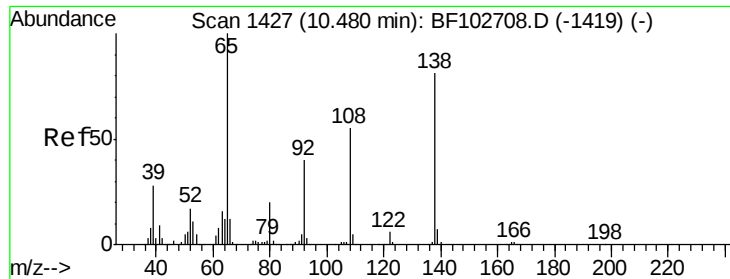
#60
4-Chlorophenyl-phenylether
Concen: 38.409 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Tgt Ion:204 Resp: 416485
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 66.2 54.6 81.8



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

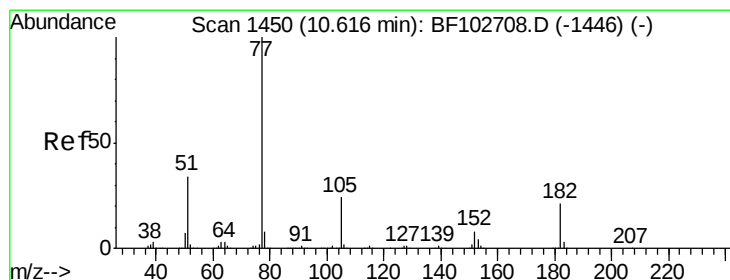
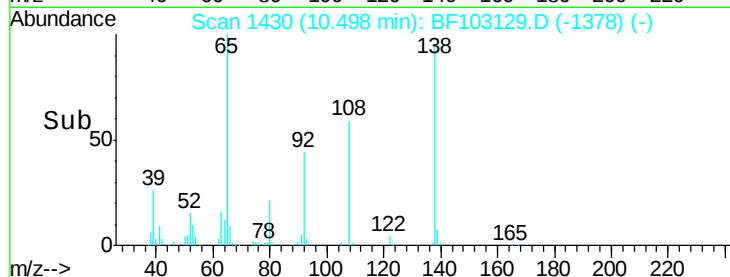
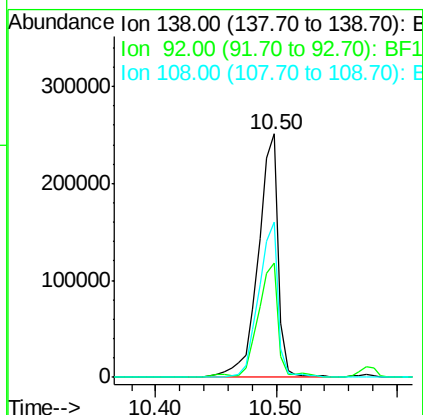
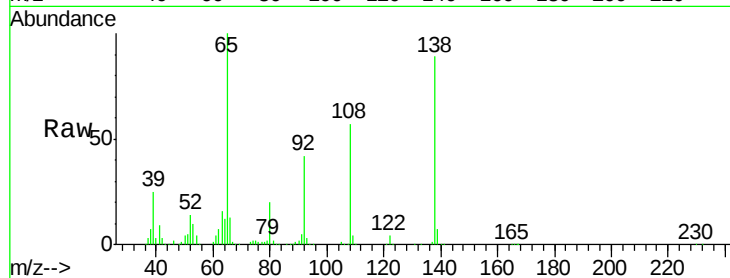




#61
4-Nitroaniline
Concen: 43.041 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

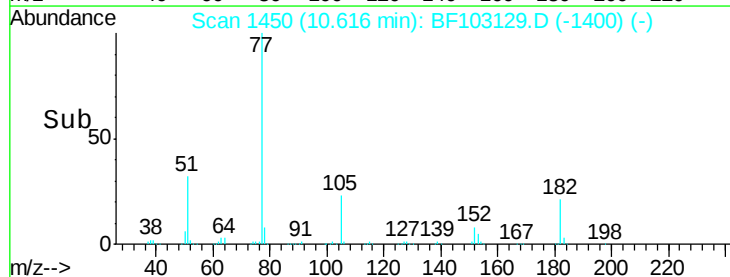
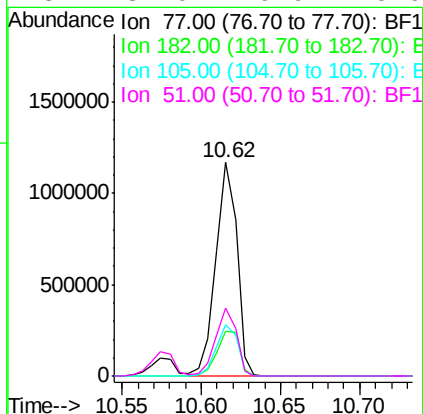
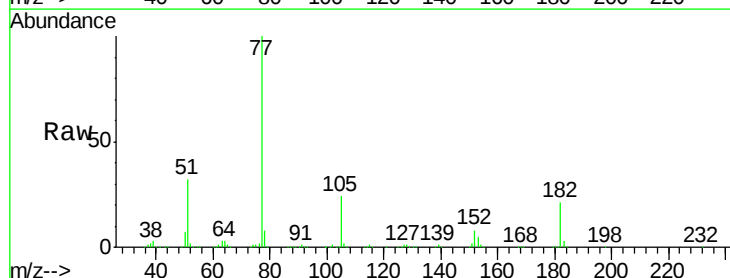
Instrument :
BNA_F
ClientSampleId :
PB106699BS

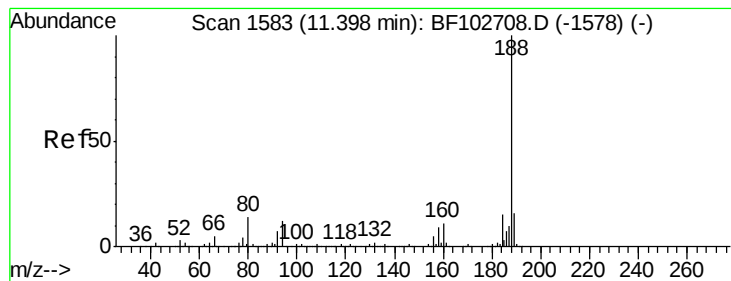
Tot Ion:138 Resp: 290248
Ion Ratio Lower Upper
138 100
92 46.9 30.2 70.2
108 64.0 52.5 92.5



#62
Azobenzene
Concen: 36.389 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Tgt Ion: 77 Resp: 1086327
Ion Ratio Lower Upper
77 100
182 20.9 1.7 41.7
105 23.9 3.0 43.0
51 32.0 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

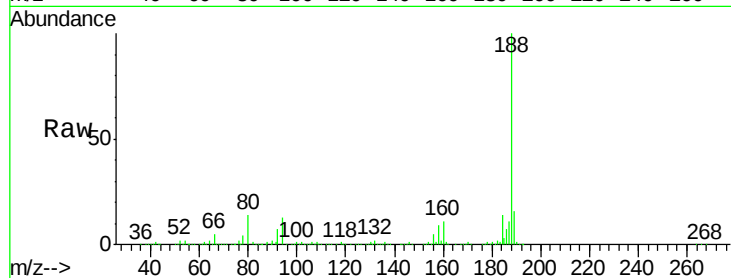
Tot Ion:188 Resp: 651475

Ion Ratio Lower Upper

188 100

94 12.5 8.5 12.7

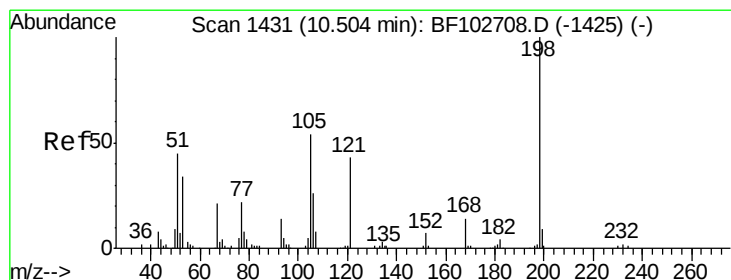
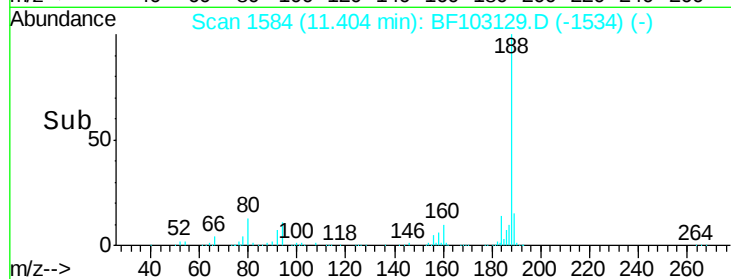
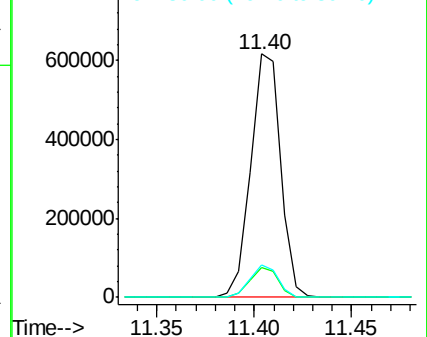
80 13.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 48.245 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

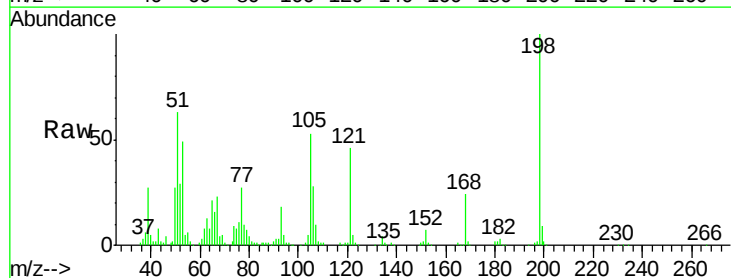
Tgt Ion:198 Resp: 131033

Ion Ratio Lower Upper

198 100

51 62.8 37.7 77.7

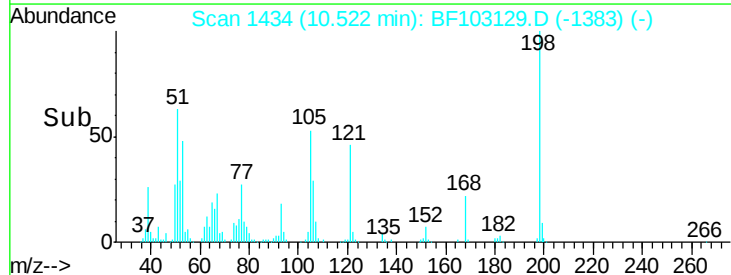
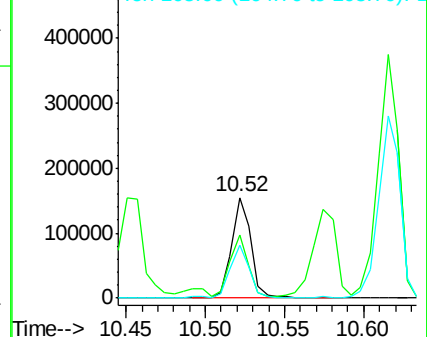
105 53.0 36.3 76.3

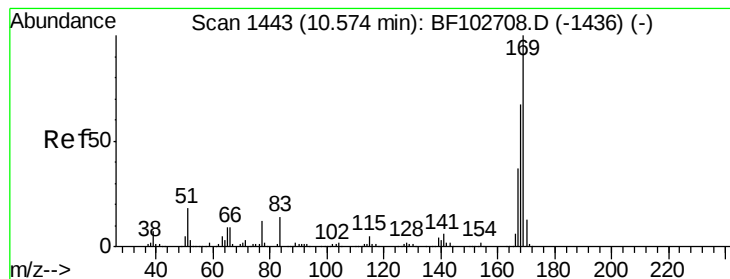


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.573 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

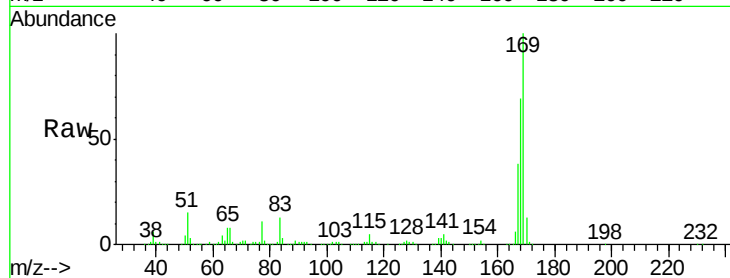
Tot Ion:169 Resp: 840424

Ion Ratio Lower Upper

169 100

168 69.4 54.4 81.6

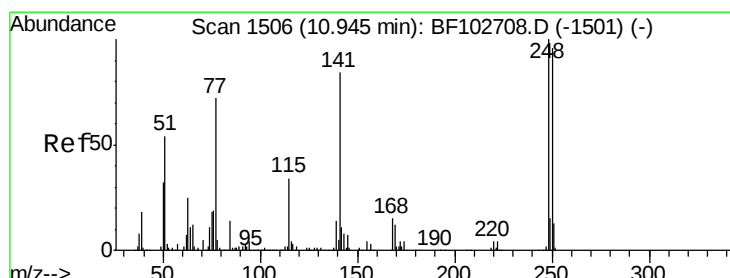
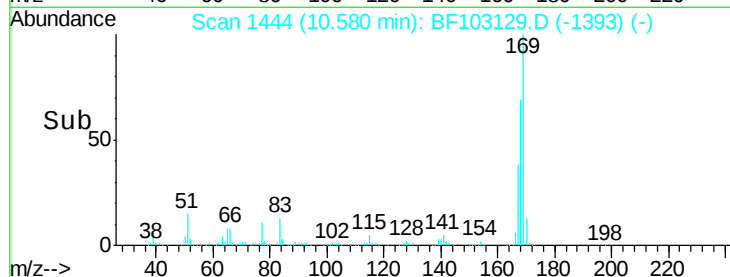
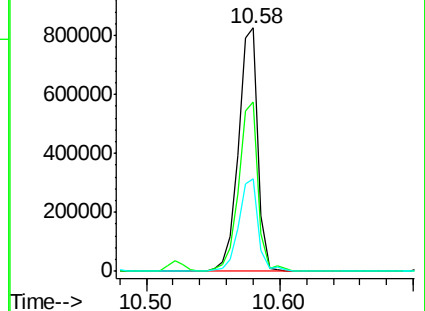
167 37.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.067 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

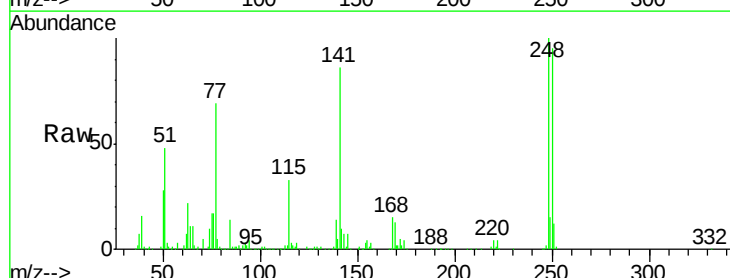
Tgt Ion:248 Resp: 262338

Ion Ratio Lower Upper

248 100

250 95.4 76.9 115.3

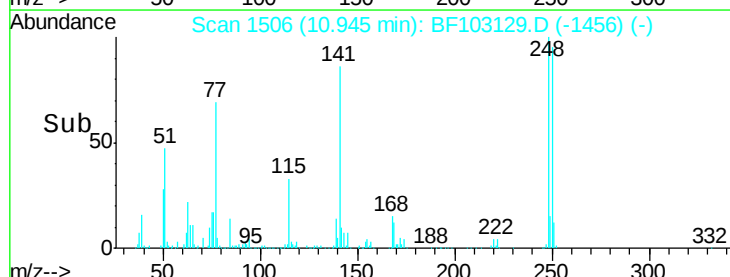
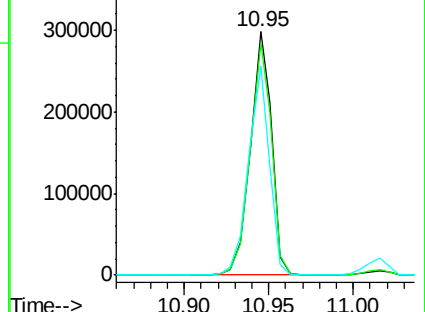
141 85.9 74.4 111.6



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

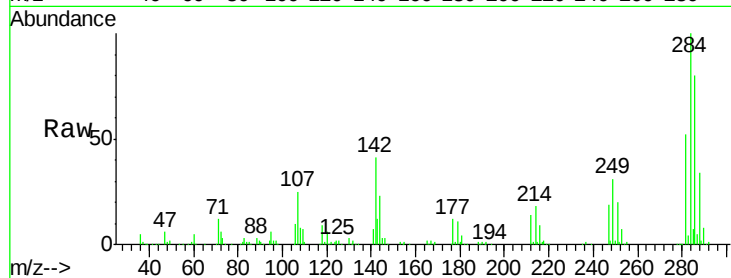




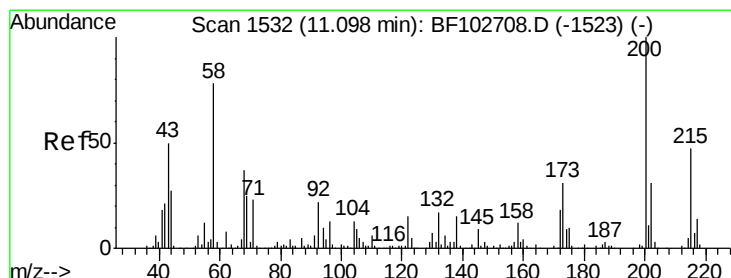
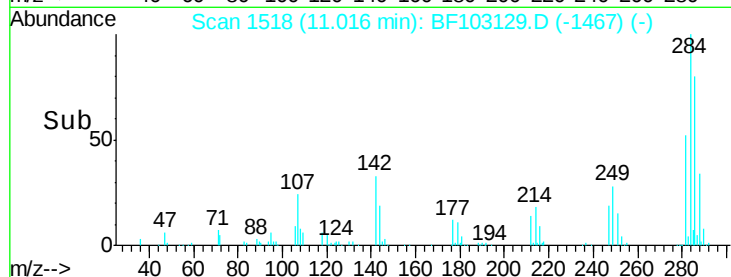
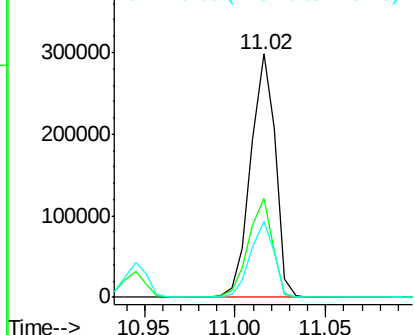
#67
Hexachlorobenzene
Concen: 36.973 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB106699BS

Tot Ion:284 Resp: 281087
Ion Ratio Lower Upper
284 100
142 40.7 34.6 52.0
249 31.0 24.8 37.2

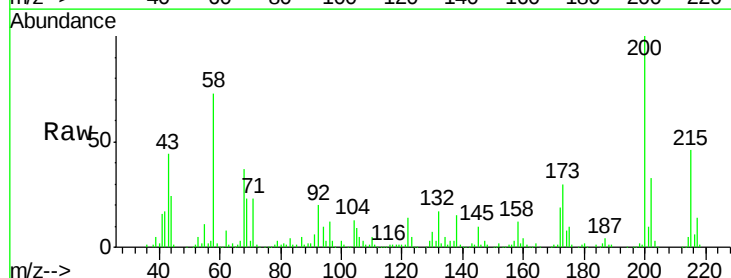


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

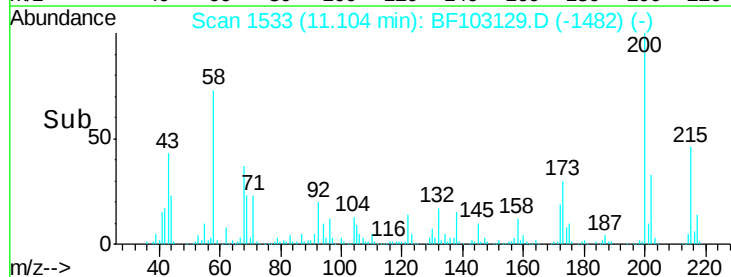
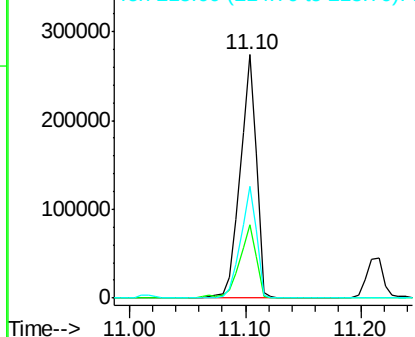


#68
Atrazine
Concen: 39.473 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Tgt Ion:200 Resp: 267597
Ion Ratio Lower Upper
200 100
173 29.9 8.6 48.6
215 46.0 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

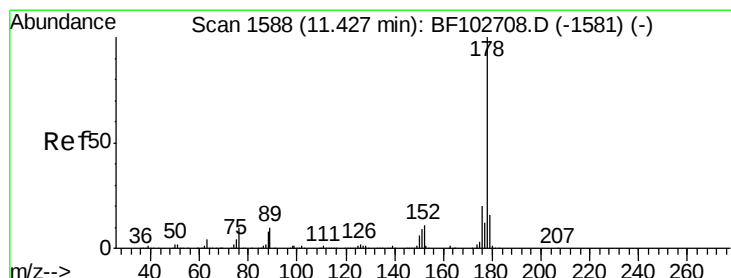
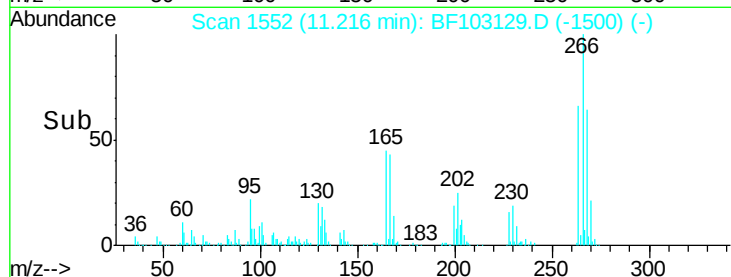
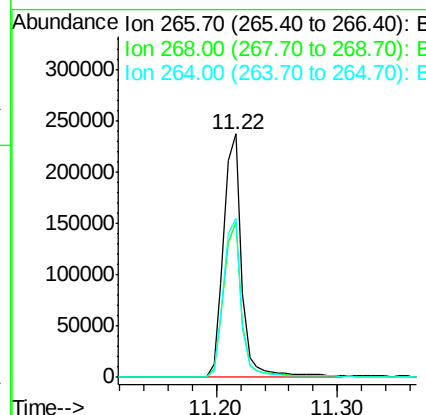
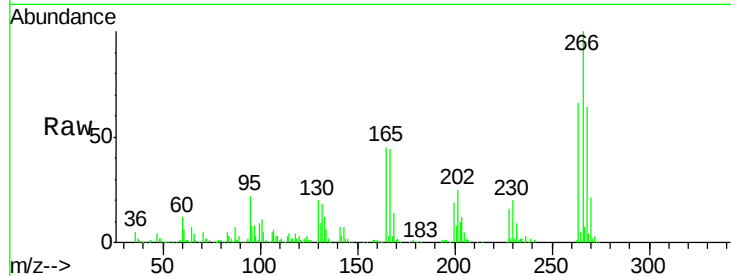




#69
 Pentachlorophenol
 Concen: 55.694 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103129.D
 Acq: 21 Feb 2018 12:03

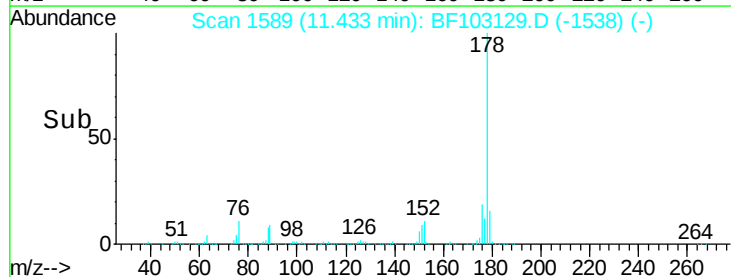
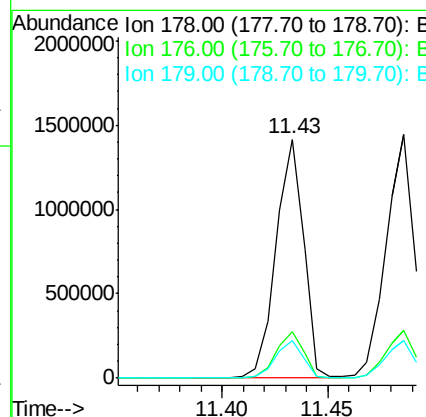
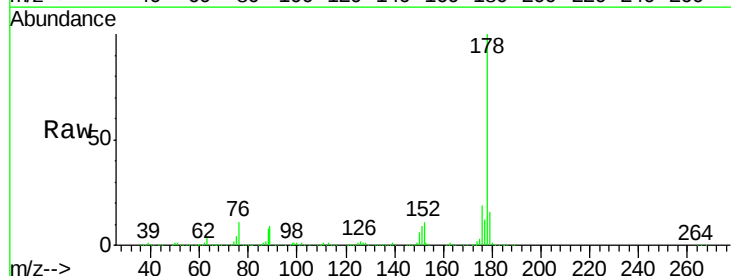
Instrument :
 BNA_F
 ClientSampleId :
 PB106699BS

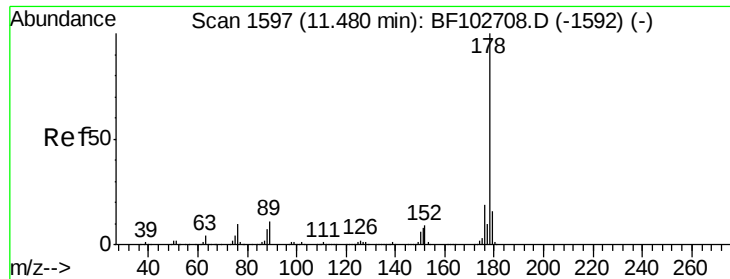
Tot Ion:266 Resp: 248552
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 65.6 49.5 74.3



#70
 Phenanthrene
 Concen: 35.458 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103129.D
 Acq: 21 Feb 2018 12:03

Tgt Ion:178 Resp: 1286503
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.8 13.0 19.6

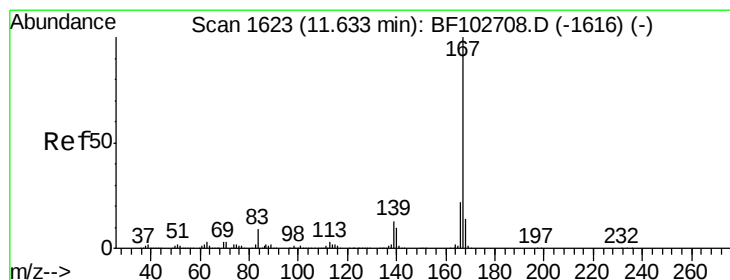
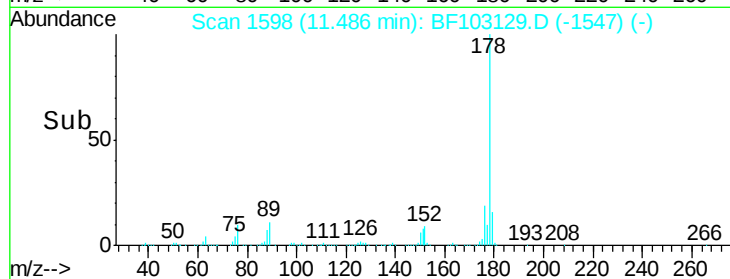
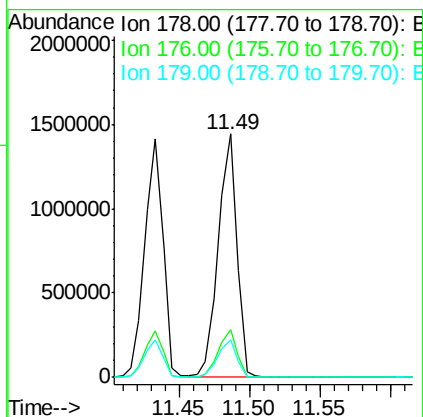
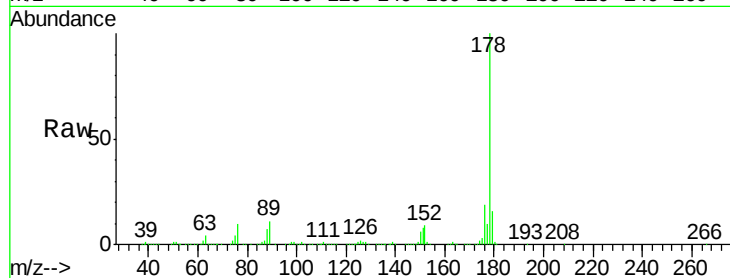




#71
 Anthracene
 Concen: 36.268 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103129.D
 Acq: 21 Feb 2018 12:03

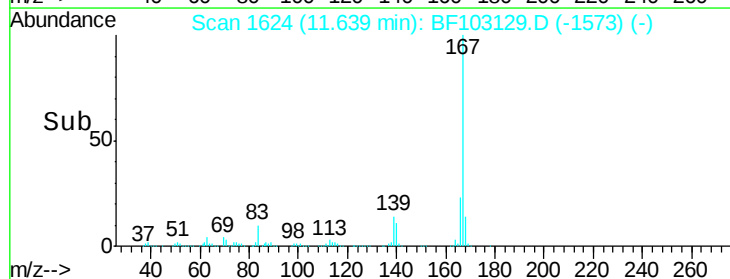
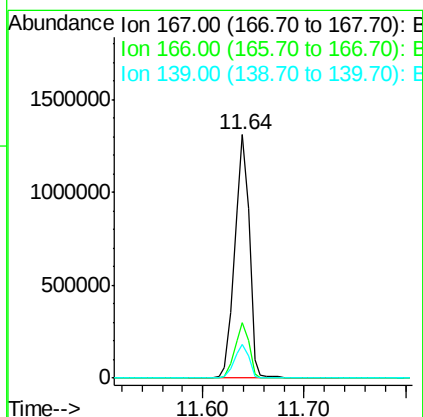
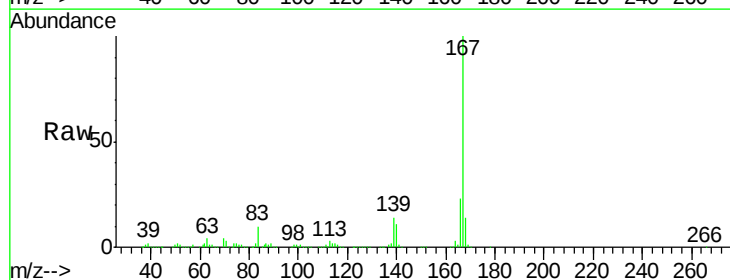
Instrument :
 BNA_F
 ClientSampleId :
 PB106699BS

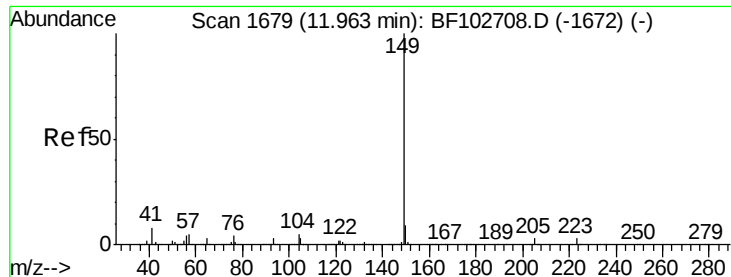
Tot Ion:178 Resp: 1338402
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 36.273 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103129.D
 Acq: 21 Feb 2018 12:03

Tgt Ion:167 Resp: 1311406
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.228 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

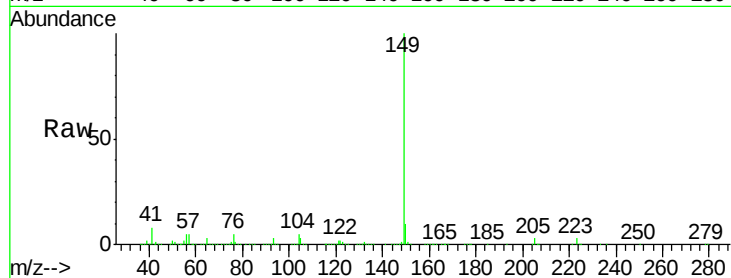
BNA_F

ClientSampleId :

PB106699BS

Tot Ion:149 Resp: 1634925

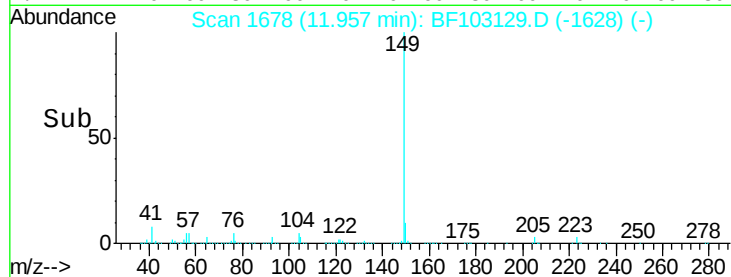
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.9	3.8	5.8



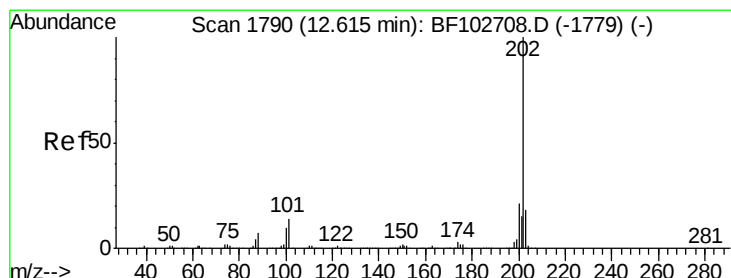
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#74

Fluoranthene

Concen: 36.329 ng

RT: 12.62 min Scan# 1791

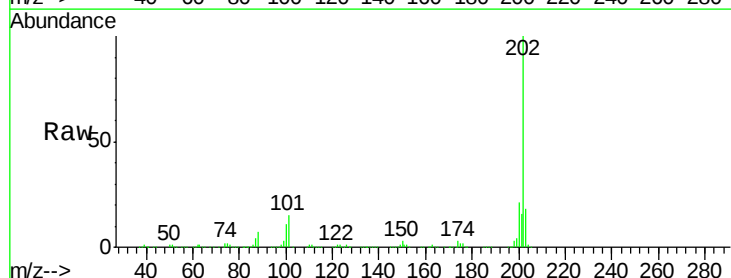
Delta R.T. -0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Tgt Ion:202 Resp: 1326190

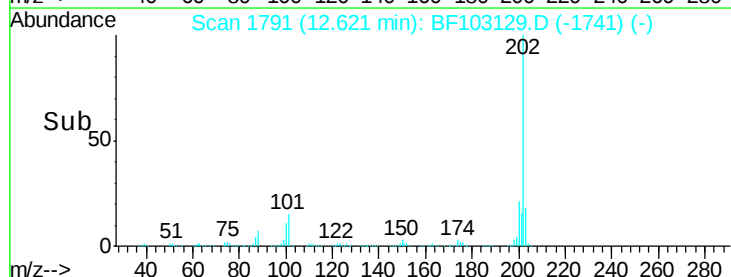
Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	34.1
203	17.6	0.0	38.1



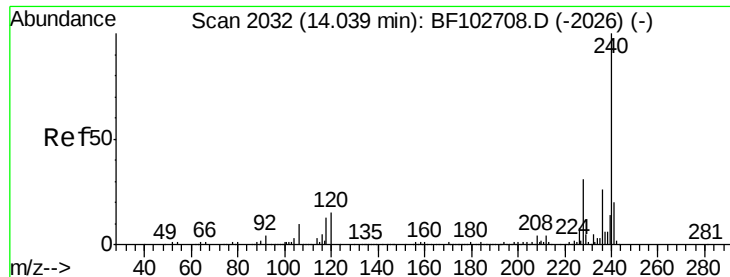
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

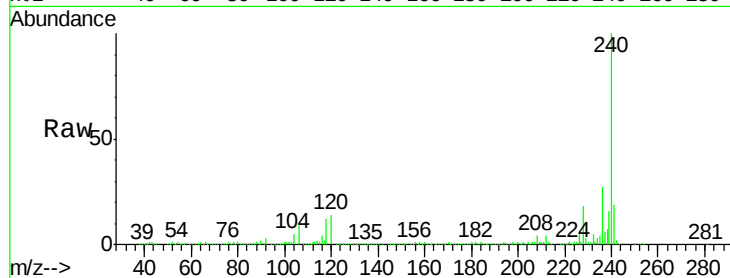
Tot Ion:240 Resp: 467728

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

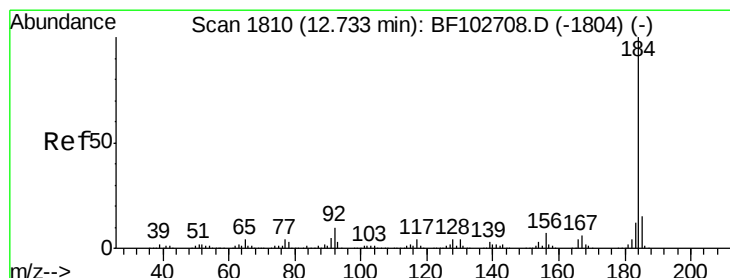
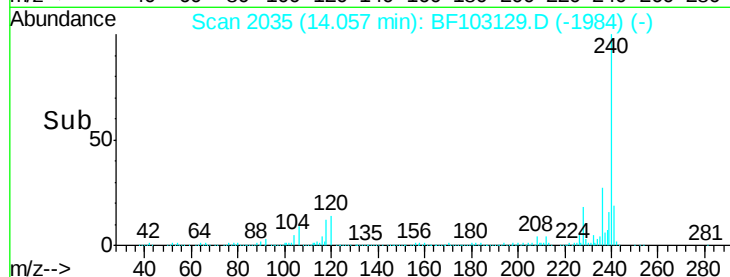
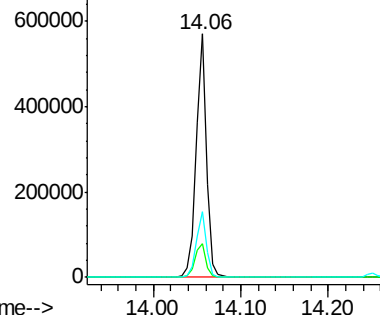
236 26.8 20.7 31.1



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: 29.972 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

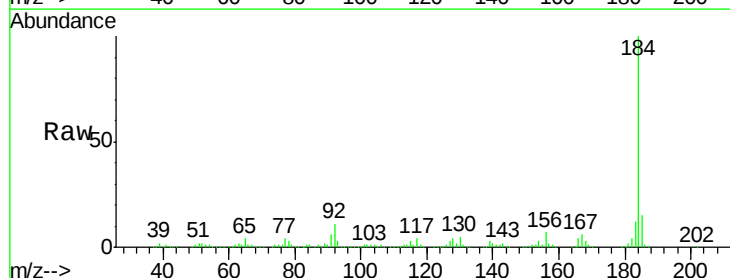
Tgt Ion:184 Resp: 644312

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

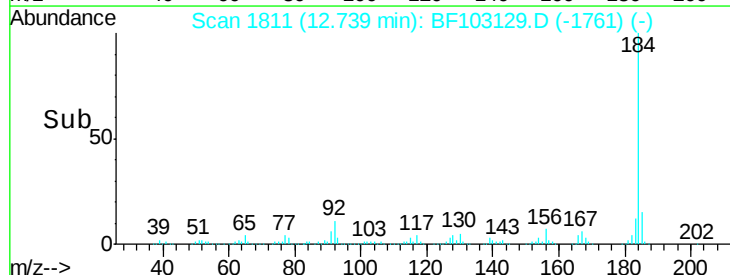
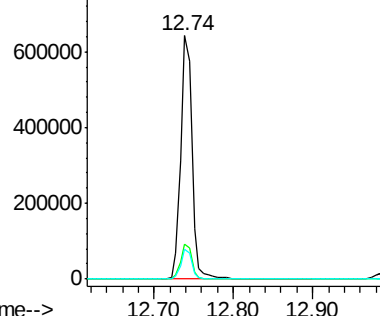
183 12.4 9.3 13.9

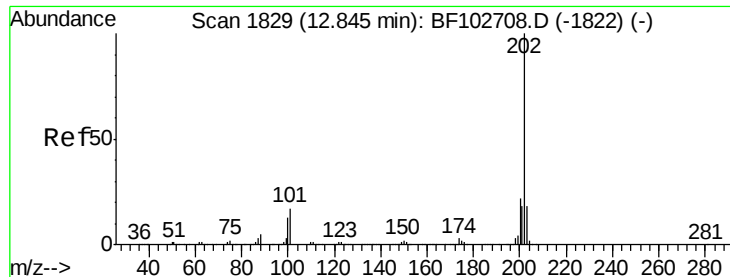


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.785 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

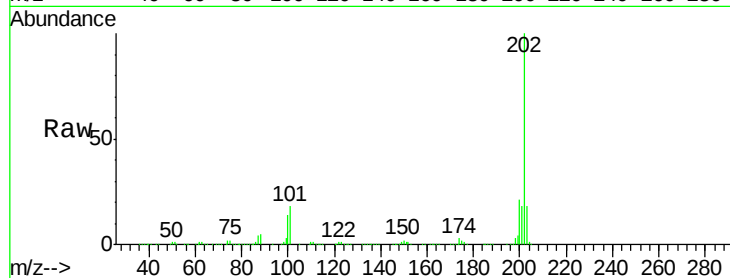
BNA_F

ClientSampleId :

PB106699BS

Tot Ion:202 Resp: 1349177

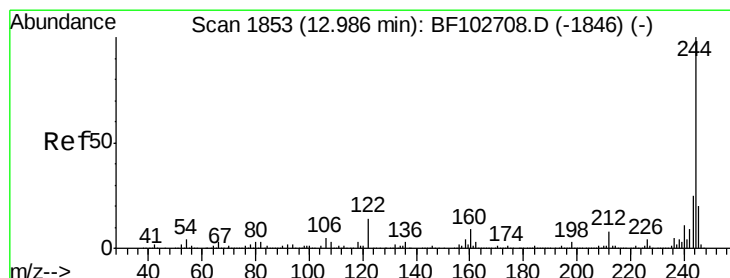
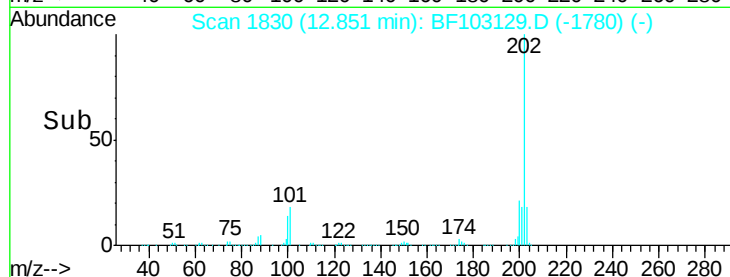
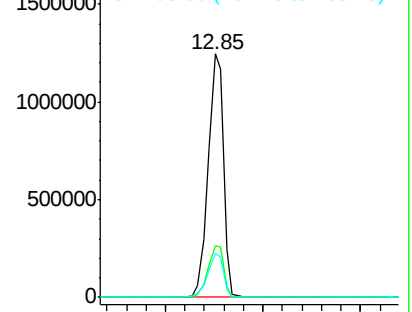
Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.0	14.3	21.5



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: 80.638 ng

RT: 12.99 min Scan# 1854

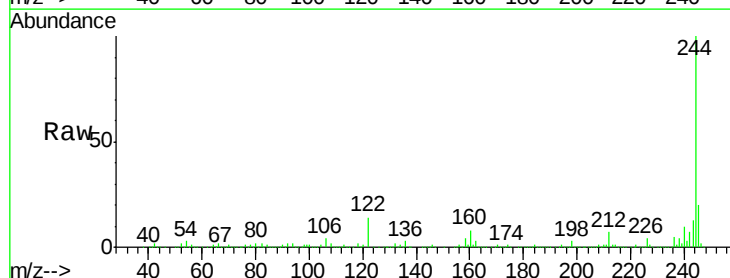
Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Tgt Ion:244 Resp: 1592915

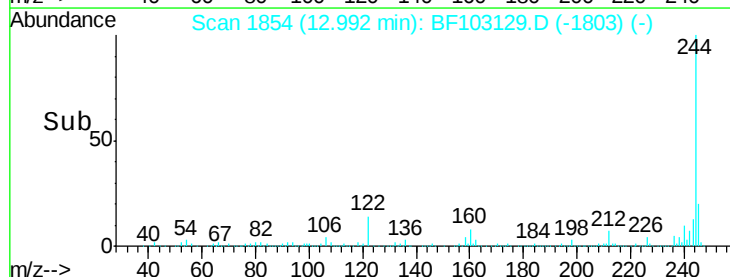
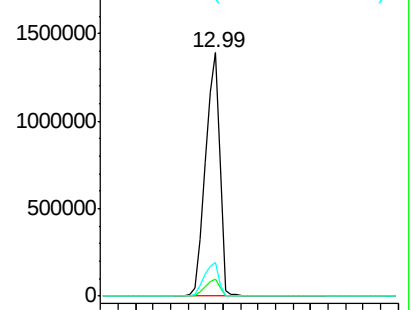
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.7	11.0	16.4



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

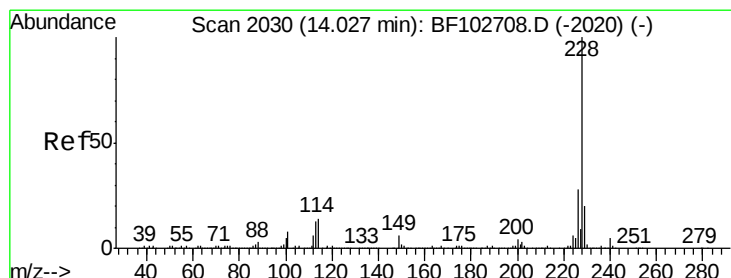
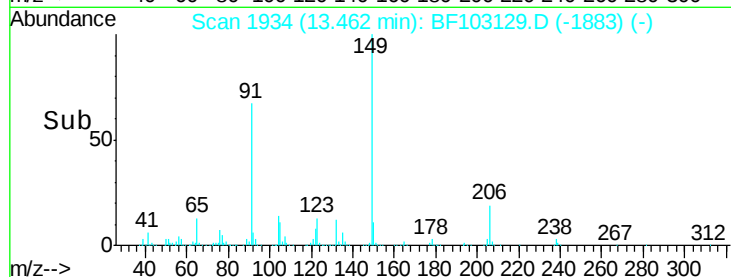
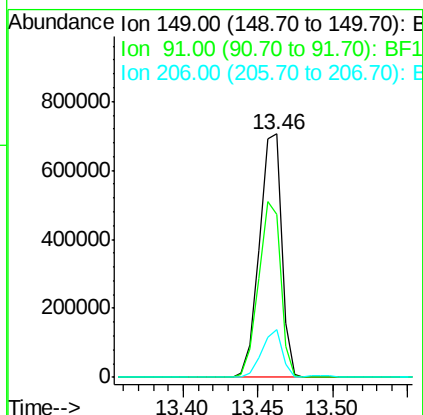
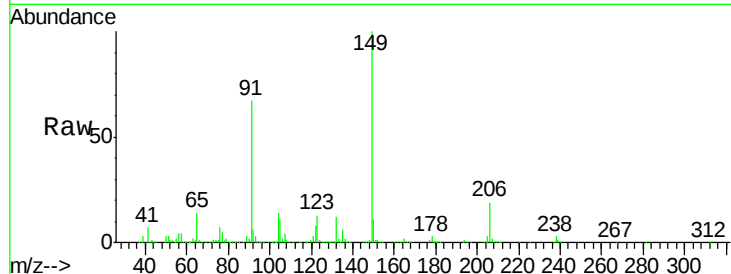




#79
Butylbenzylphthalate
Concen: 41.323 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

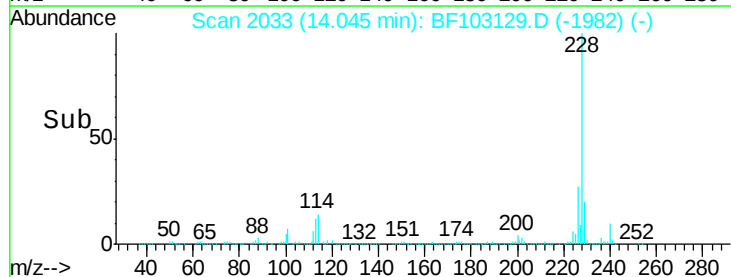
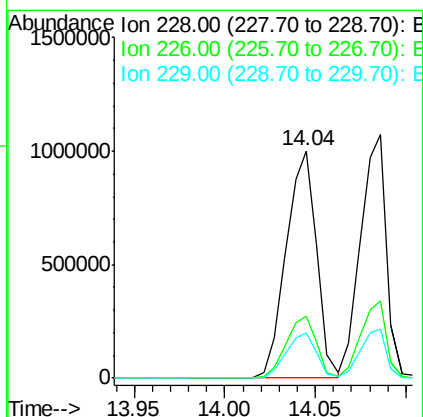
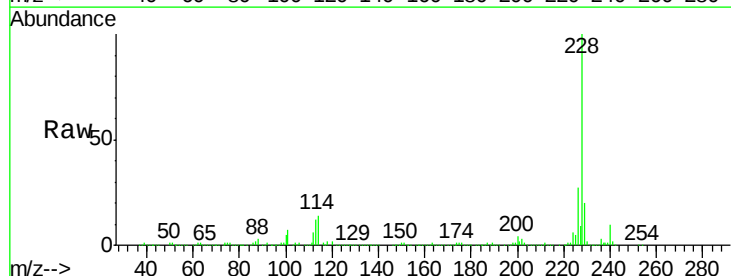
Instrument :
BNA_F
ClientSampleId :
PB106699BS

Tot Ion:149 Resp: 722423
Ion Ratio Lower Upper
149 100
91 66.8 56.8 85.2
206 19.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.919 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Tgt Ion:228 Resp: 1174259
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 20.0 15.8 23.6

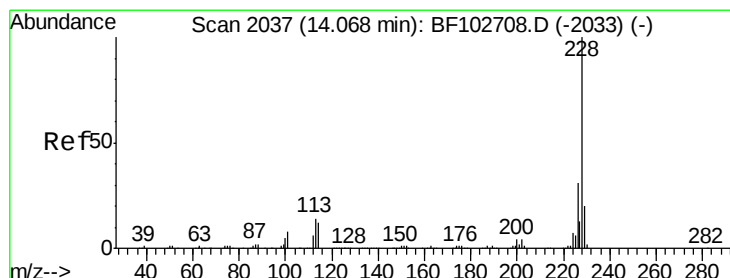
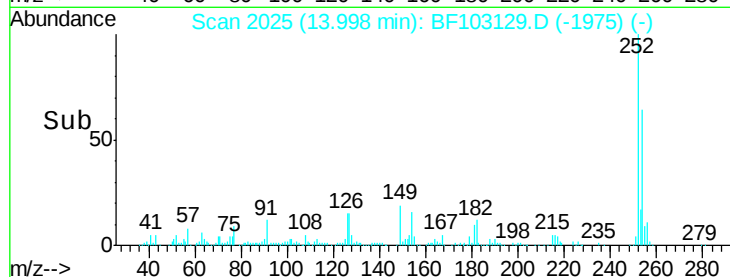
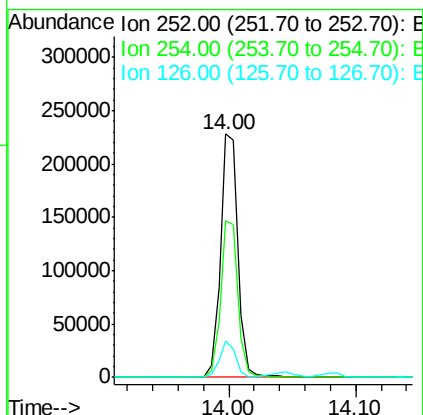
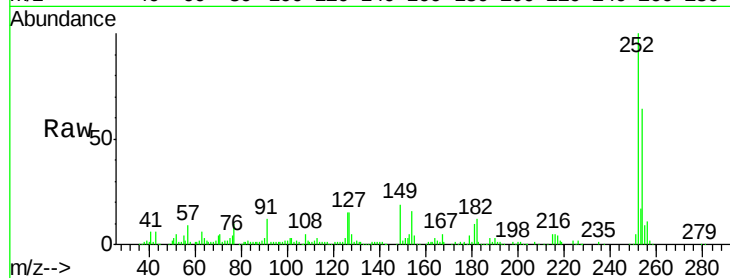




#81
 3,3'-Dichlorobenzidine
 Concen: 20.150 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103129.D
 Acq: 21 Feb 2018 12:03

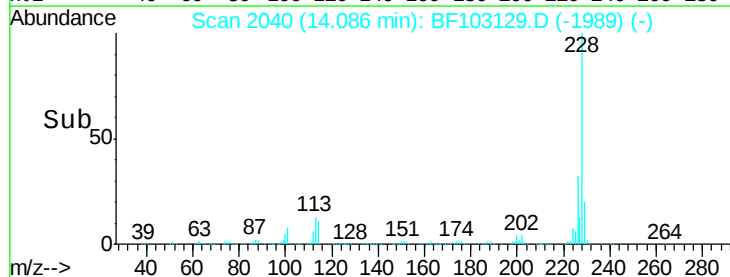
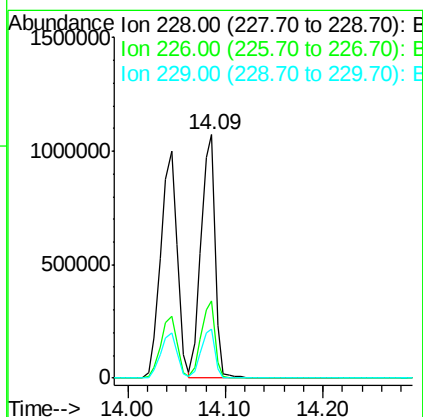
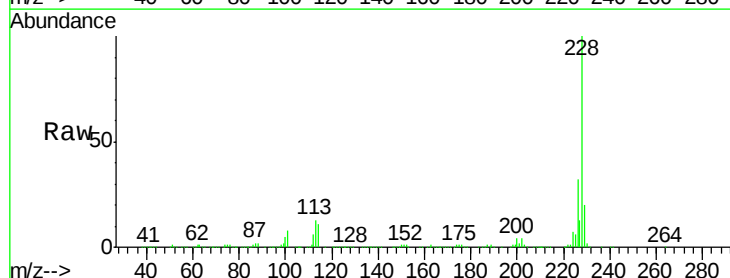
Instrument :
 BNA_F
 ClientSampleId :
 PB106699BS

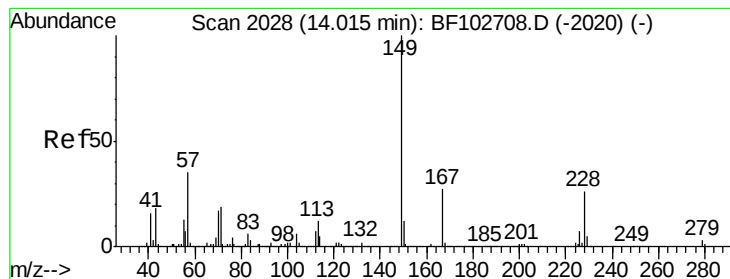
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.4	75.6
126	15.1	11.3	16.9



#82
 Chrysene
 Concen: 36.255 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BF103129.D
 Acq: 21 Feb 2018 12:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.918 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

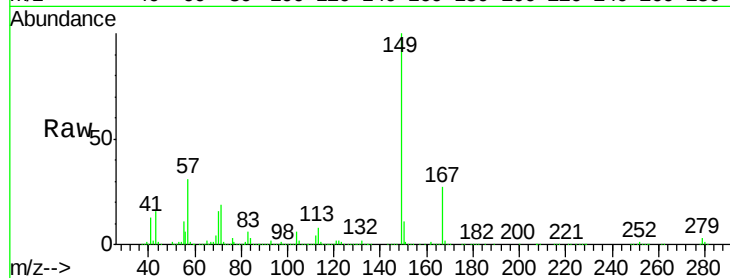
Tot Ion:149 Resp: 964289

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

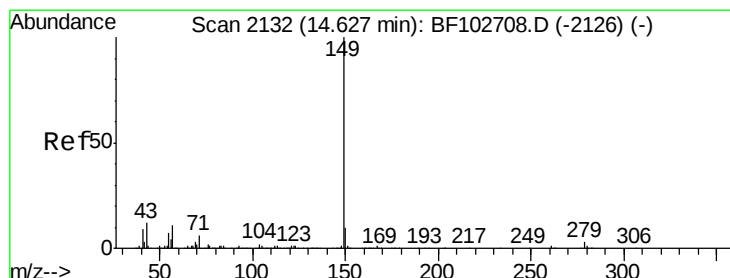
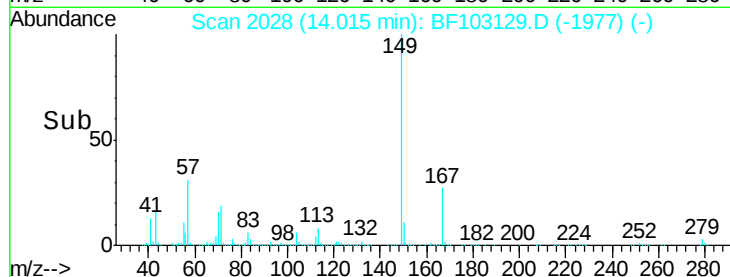
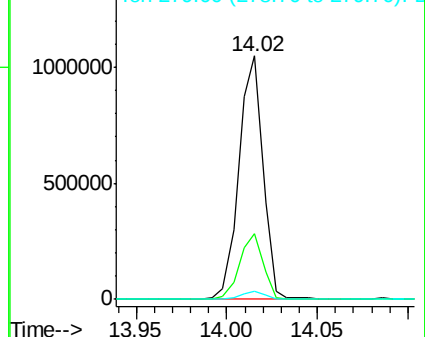
279 3.4 3.0 4.4



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: 47.234 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

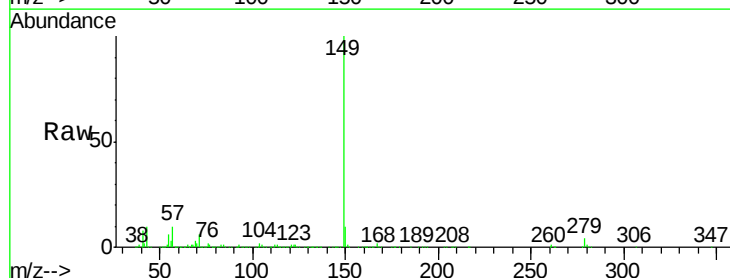
Tgt Ion:149 Resp: 1593513

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

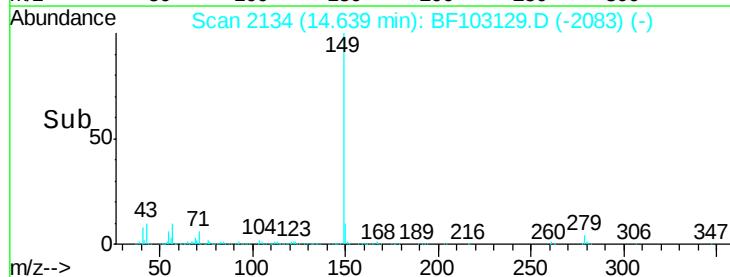
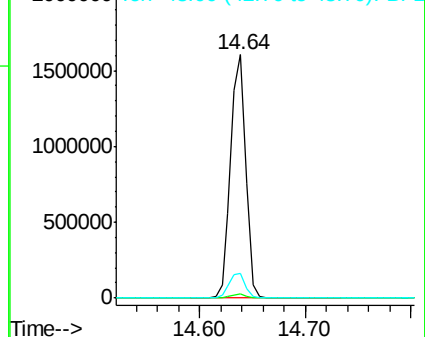
43 10.4 8.4 12.6

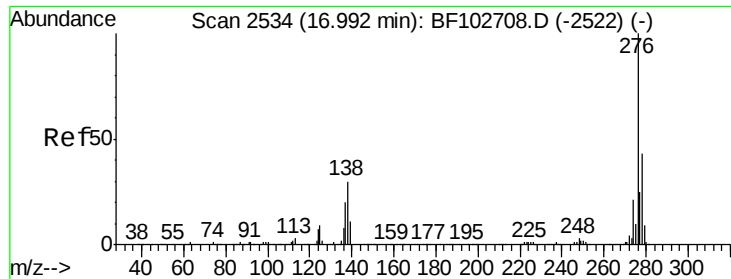


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.833 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

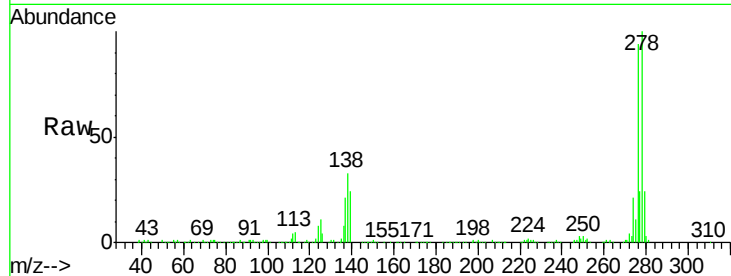
Tot Ion:276 Resp: 979629

Ion Ratio Lower Upper

276 100

138 32.9 25.0 37.6

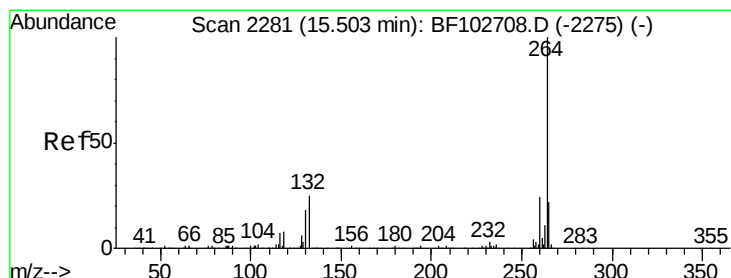
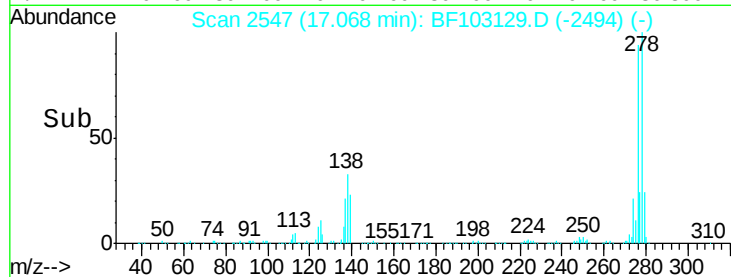
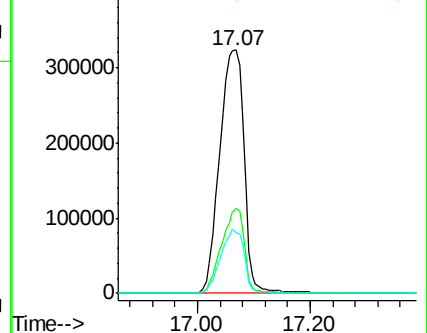
277 25.3 20.1 30.1



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: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

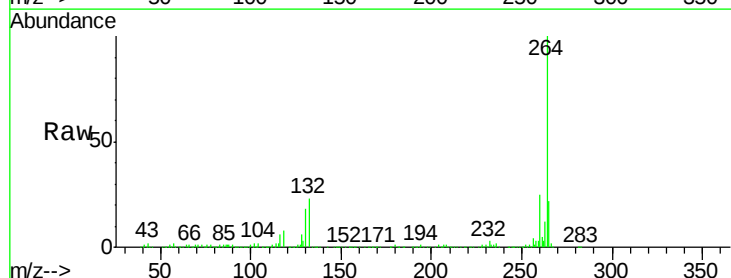
Tgt Ion:264 Resp: 438830

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

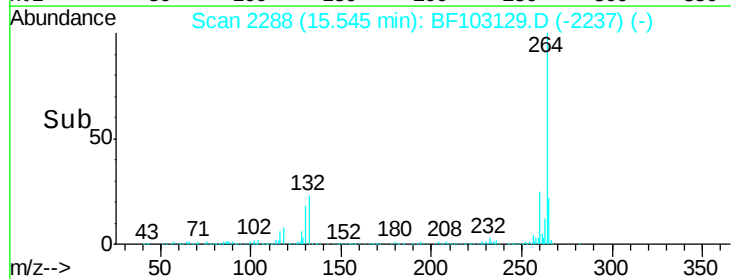
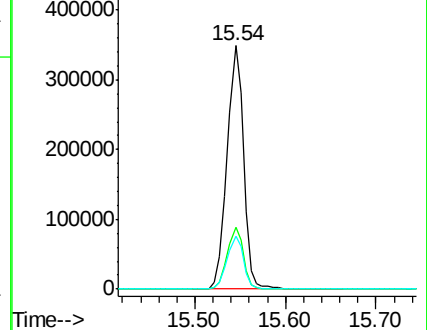
265 21.9 17.5 26.3

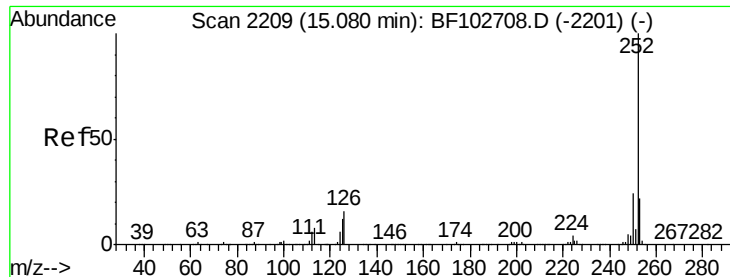


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

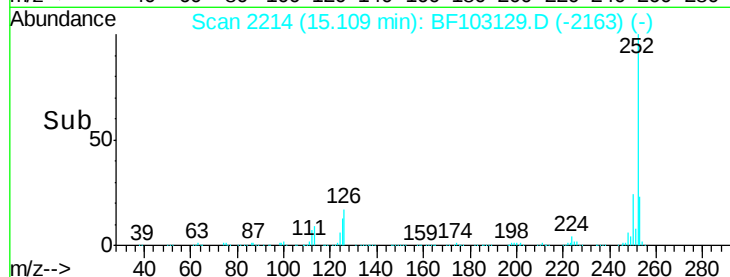
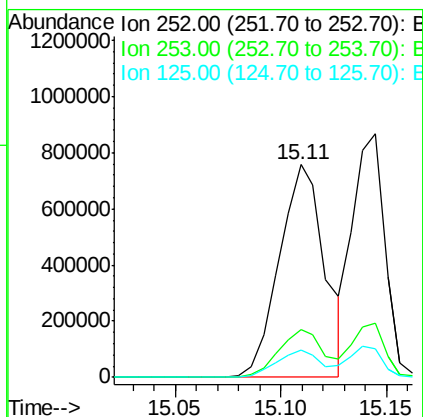
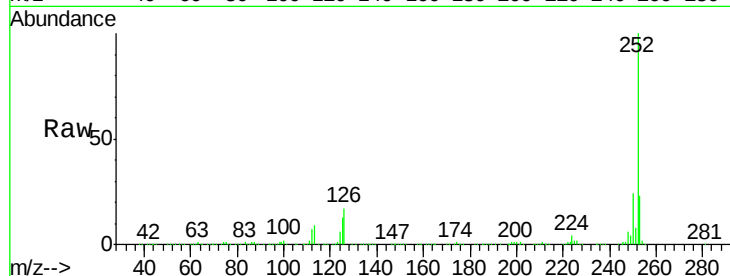




#87
Benzo(b)fluoranthene
Concen: 39.969 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

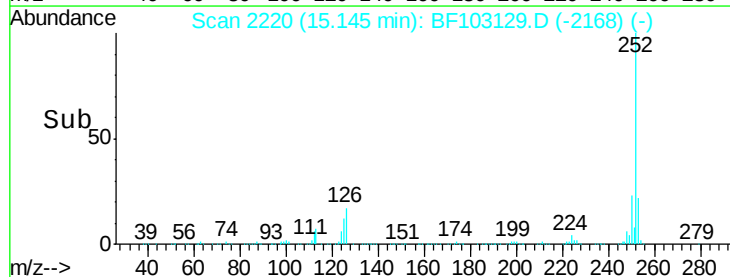
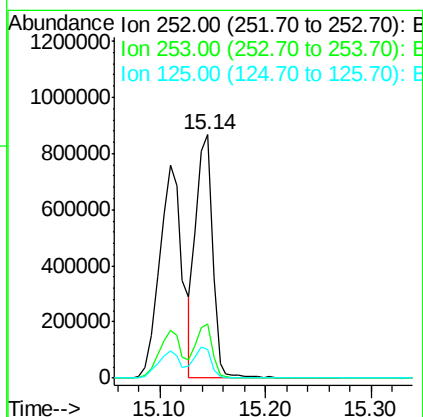
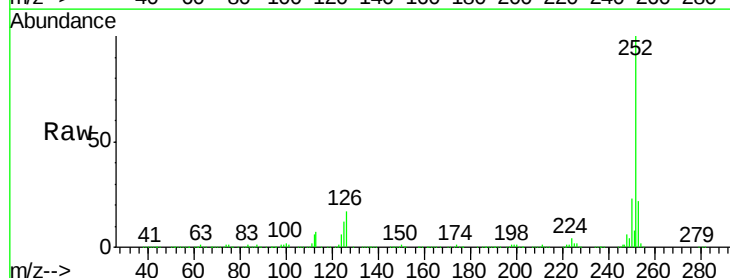
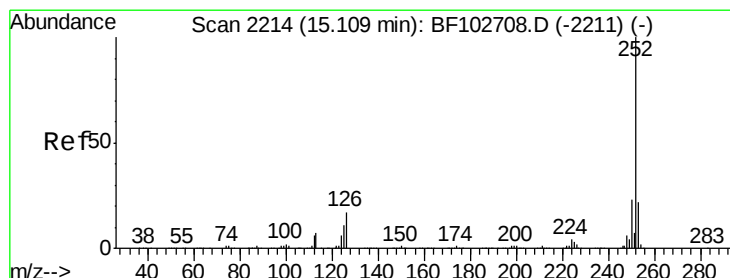
Instrument :
BNA_F
ClientSampleId :
PB106699BS

Tot Ion:252 Resp: 1137152
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 12.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 34.586 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF103129.D
Acq: 21 Feb 2018 12:03

Tgt Ion:252 Resp: 940209
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 11.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.281 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

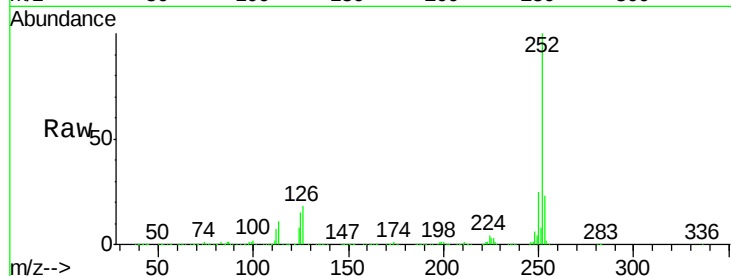
Tot Ion:252 Resp: 980352

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

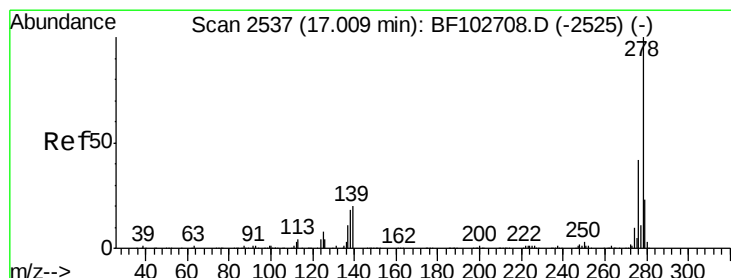
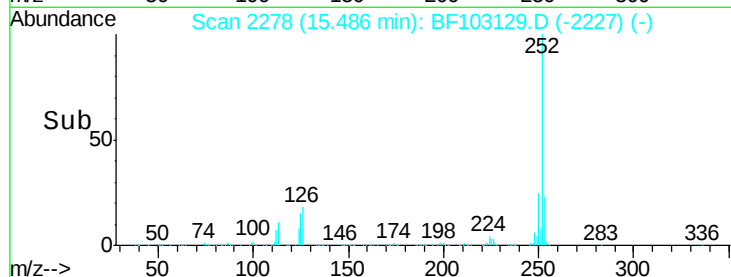
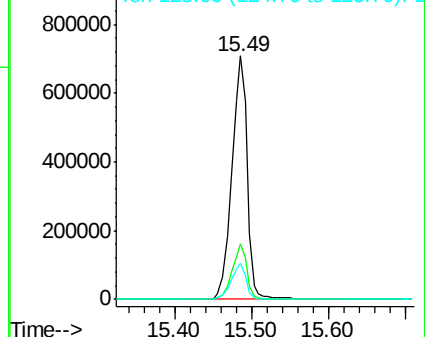
125 14.8 9.8 14.6#



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: 38.392 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.00 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

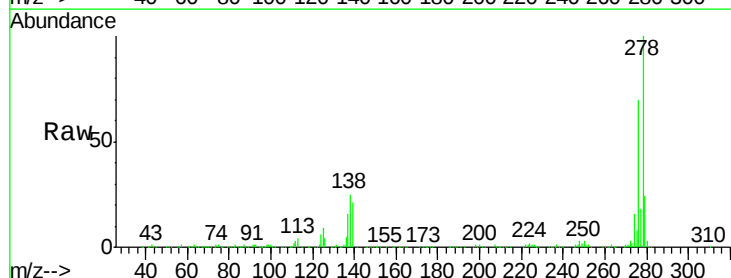
Tgt Ion:278 Resp: 798022

Ion Ratio Lower Upper

278 100

139 21.4 15.9 23.9

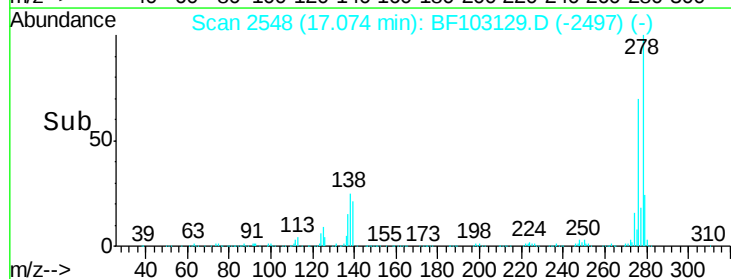
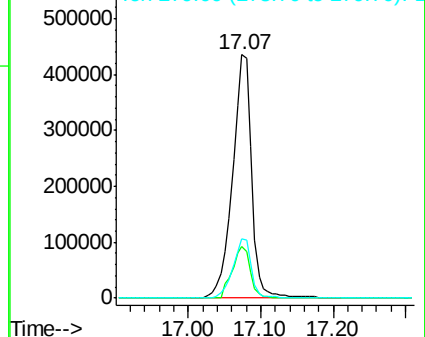
279 24.4 19.0 28.4

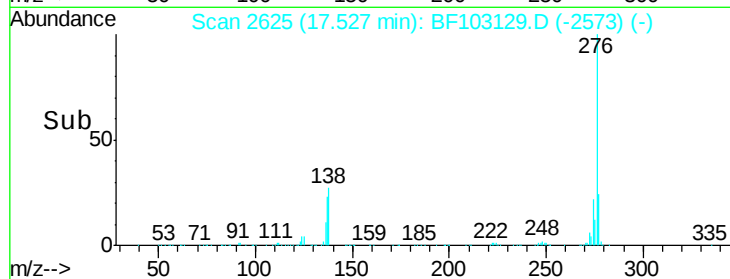
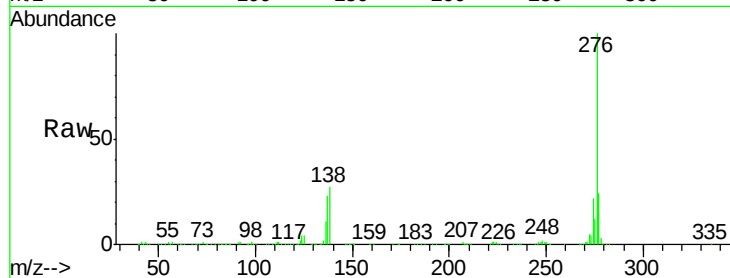
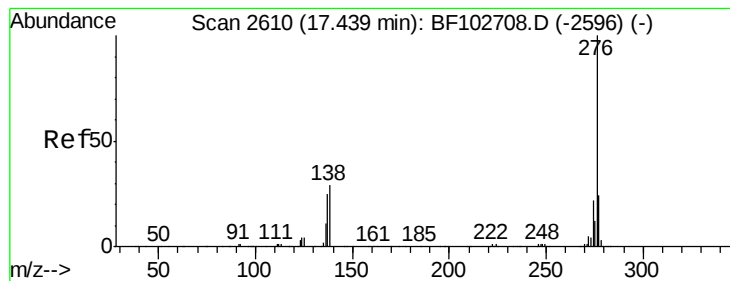


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.081 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.01 min

Lab File: BF103129.D

Acq: 21 Feb 2018 12:03

Instrument :

BNA_F

ClientSampleId :

PB106699BS

Tot Ion:276 Resp: 835818

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 27.4 21.8 32.8

