

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
 Data File : BF102846.D
 Acq On : 8 Feb 2018 10:47
 Operator : SJ/JU
 Sample : PB106358BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 12:55:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	183399	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	778014	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	352208	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	584861	20.00	ng	0.00
75) Chrysene-d12	14.06	240	334770	20.00	ng	0.00
86) Perylene-d12	15.53	264	315496	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1440236	119.26	ng	0.02
7) Phenol-d6	6.52	99	1759334	120.99	ng	0.01
23) Nitrobenzene-d5	7.45	82	1151865	102.70	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	331410	116.91	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1742146	82.08	ng	0.00
78) Terphenyl-d14	13.00	244	1382795	97.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	239555	40.162	ng	90
3) Pyridine	3.52	79	704382	42.743	ng	93
4) n-Nitrosodimethylamine	3.46	42	370556	52.554	ng	90
6) Aniline	6.55	93	428290	19.945	ng	96
8) 2-Chlorophenol	6.67	128	543649	43.727	ng	97
9) Benzaldehyde	6.43	77	184027	17.042	ng	95
10) Phenol	6.53	94	717136	46.020	ng	91
11) bis(2-Chloroethyl)ether	6.62	93	555094	42.809	ng	91
12) 1,3-Dichlorobenzene	6.83	146	564484	39.208	ng	97
13) 1,4-Dichlorobenzene	6.90	146	578486	40.336	ng	99
14) 1,2-Dichlorobenzene	7.06	146	522901	39.145	ng	99
15) Benzyl Alcohol	7.03	79	520970	46.601	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	967854	39.292	ng	100
17) 2-Methylphenol	7.13	107	489009	42.641	ng	98
18) Hexachloroethane	7.40	117	216879	44.100	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	390869	40.771	ng	93
20) 3+4-Methylphenols	7.29	107	563066	39.815	ng	# 79
22) Acetophenone	7.29	105	752586	39.529	ng	# 87
24) Nitrobenzene	7.47	77	634929	48.134	ng	97
25) Isophorone	7.70	82	1174412	45.476	ng	97
26) 2-Nitrophenol	7.78	139	305712	54.888	ng	92
27) 2,4-Dimethylphenol	7.82	122	529730	48.552	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	701853	45.877	ng	100
29) 2,4-Dichlorophenol	8.02	162	450295	45.400	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	438213	39.055	ng	100
31) Naphthalene	8.19	128	1531664	40.294	ng	100
32) Benzoic acid	7.94	122	354734	46.585	ng	98
33) 4-Chloroaniline	8.23	127	166202	10.150	ng	96
34) Hexachlorobutadiene	8.30	225	224616	39.066	ng	99
35) Caprolactam	8.62	113	118147	34.300	ng	# 77
36) 4-Chloro-3-methylphenol	8.72	107	525691	47.172	ng	99
37) 2-Methylnaphthalene	8.88	142	1020871	41.020	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	375925	39.200	ng	# 97
40) Hexachlorocyclopentadiene	9.03	237	406529	89.173	ng	98

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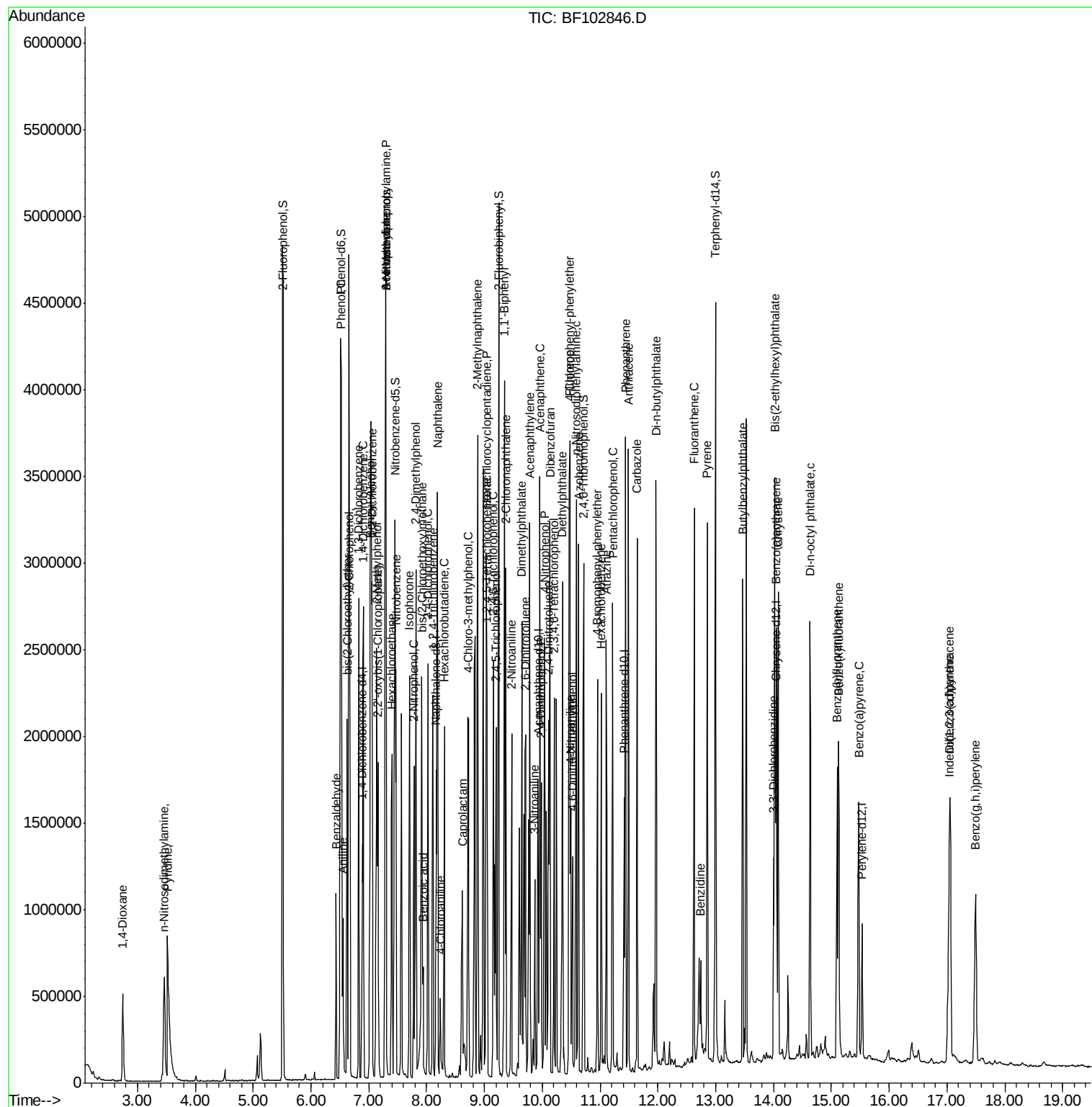
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	286831	45.536	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	308645	43.474	nq	97
45) 1,1'-Biphenyl	9.35	154	1153610	38.887	nq	99
46) 2-Chloronaphthalene	9.37	162	926230	39.659	nq	99
47) 2-Nitroaniline	9.47	65	373881	51.599	nq	90
48) Acenaphthylene	9.79	152	1422611	39.219	nq	99
49) Dimethylphthalate	9.65	163	1090452	39.707	nq	100
50) 2,6-Dinitrotoluene	9.71	165	239680	45.874	nq	92
51) Acenaphthene	9.96	154	839376	38.694	nq	99
52) 3-Nitroaniline	9.87	138	161069	25.054	nq	95
53) 2,4-Dinitrophenol	9.99	184	185974	94.105	nq	# 19
54) Dibenzofuran	10.13	168	1237970	40.495	nq	96
55) 4-Nitrophenol	10.04	139	424214	80.282	nq	# 87
56) 2,4-Dinitrotoluene	10.11	165	331751	47.386	nq	# 85
57) Fluorene	10.47	166	923800	41.532	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	214715	43.636	nq	97
59) Diethylphthalate	10.34	149	1081428	39.881	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	402685	40.925	nq	97
61) 4-Nitroaniline	10.49	138	259083	42.339	nq	98
62) Azobenzene	10.63	77	1175496	43.393	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	128886	51.586	nq	94
65) n-Nitrosodiphenylamine	10.59	169	836173	40.532	nq	100
66) 4-Bromophenyl-phenylether	10.96	248	251452	40.644	nq	95
67) Hexachlorobenzene	11.02	284	265340	38.877	nq	98
68) Atrazine	11.11	200	257422	42.297	nq	98
69) Pentachlorophenol	11.22	266	266474	66.511	nq	98
70) Phenanthrene	11.44	178	1290264	39.612	nq	100
71) Anthracene	11.49	178	1358989	41.020	nq	99
72) Carbazole	11.64	167	1231820	37.953	nq	99
73) Di-n-butylphthalate	11.97	149	1631010	41.368	nq	99
74) Fluoranthene	12.63	202	1245253	37.997	nq	99
76) Benzidine	12.74	184	198459	12.899	nq	99
77) Pyrene	12.86	202	1238759	47.189	nq	100
79) Butylbenzylphthalate	13.47	149	601278	47.887	nq	98
80) Benzo(a)anthracene	14.04	228	910585	43.250	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	216270	27.705	nq	97
82) Chrysene	14.08	228	840268	39.592	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	769823	47.871	nq	# 99
84) Di-n-octyl phthalate	14.63	149	1134283	46.975	nq	96
85) Indeno(1,2,3-cd)pyrene	17.04	276	959180	54.492	nq	99
87) Benzo(b)fluoranthene	15.10	252	778568	38.063	nq	98
88) Benzo(k)fluoranthene	15.13	252	774020	39.603	nq	100
89) Benzo(a)pyrene	15.47	252	772424	41.953	nq	98
90) Dibenzo(a,h)anthracene	17.06	278	796494	53.298	nq	97
91) Benzo(g,h,i)perylene	17.50	276	847045	57.908	nq	98

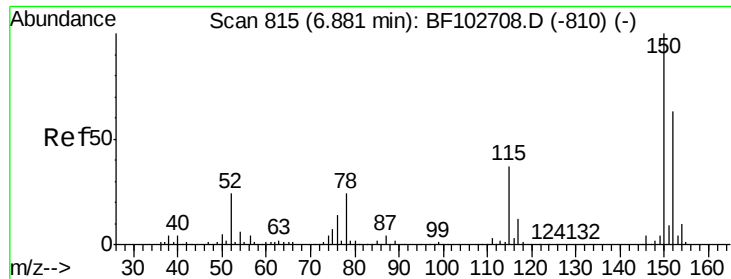
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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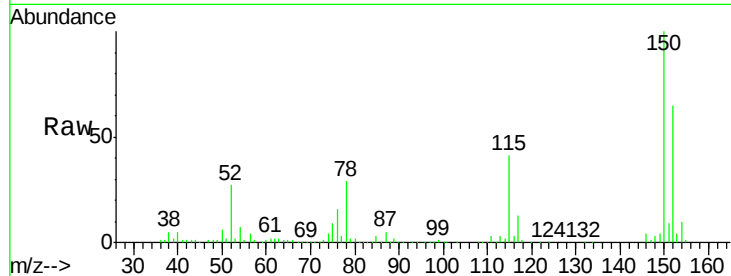


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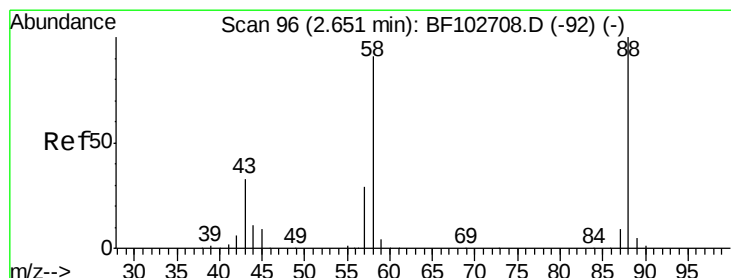
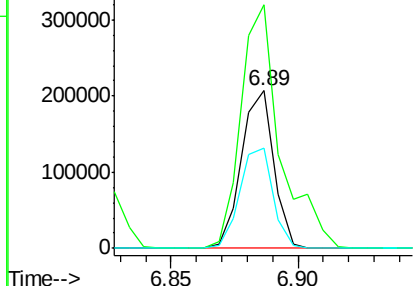
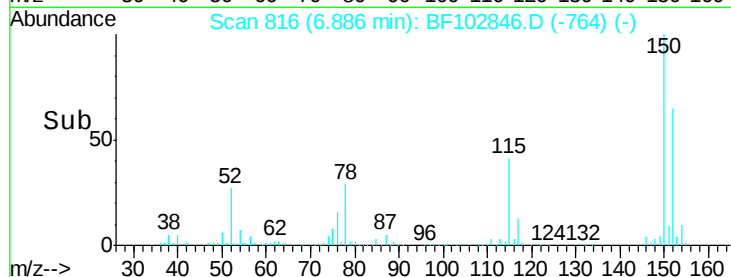
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 183399
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 63.7 50.1 75.1



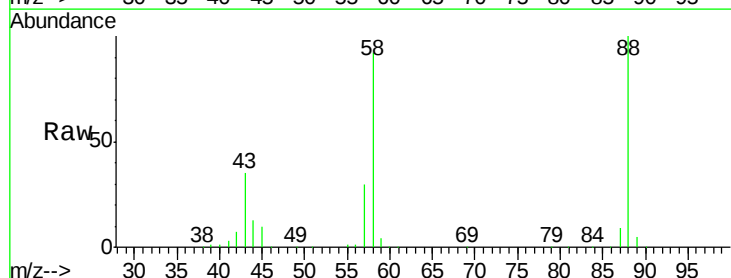
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



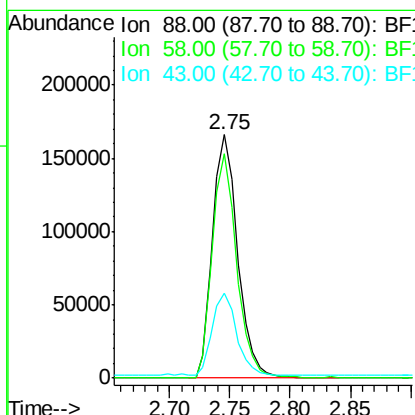
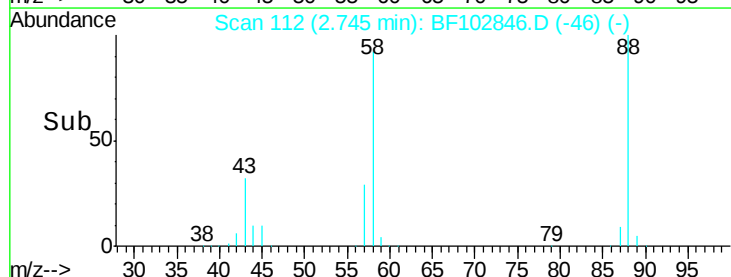
#2

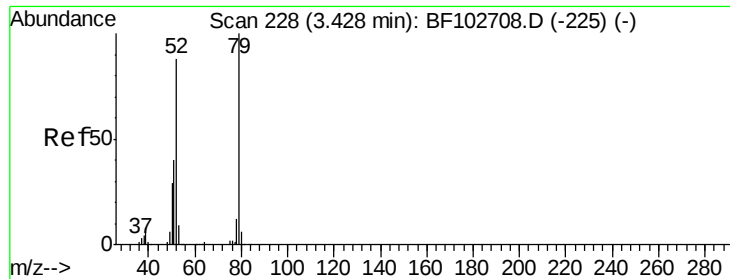
1,4-Dioxane
Concen: 40.162 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.09 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion: 88 Resp: 239555
Ion Ratio Lower Upper
88 100
58 89.8 62.6 93.8
43 32.1 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: 42.743 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.08 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

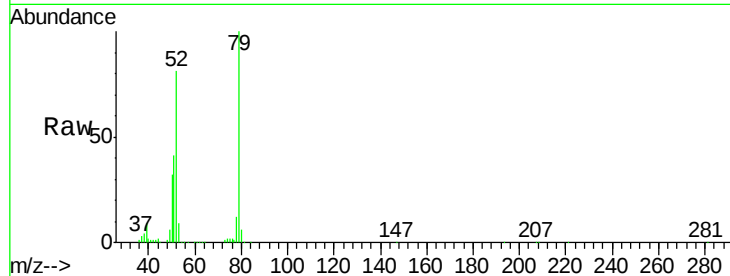
Tot Ion: 79 Resp: 704382

Ion Ratio Lower Upper

79 100

52 81.3 59.8 89.6

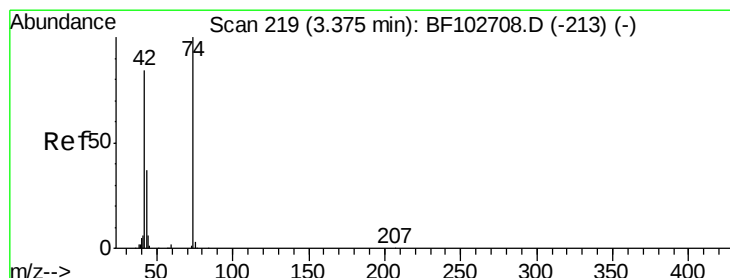
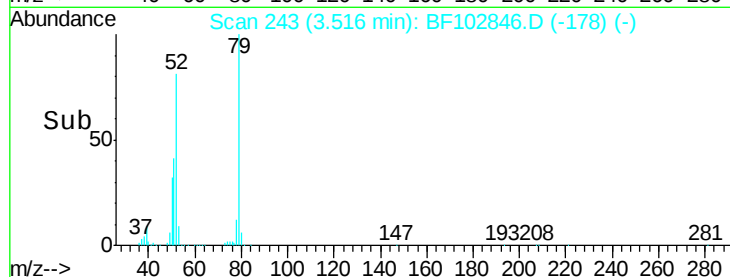
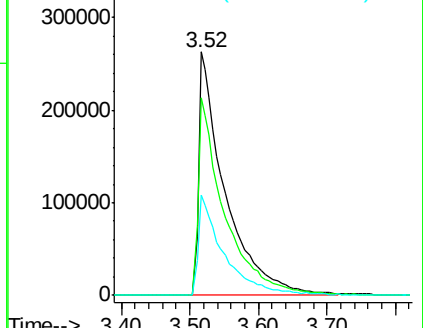
51 41.3 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 52.554 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.08 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

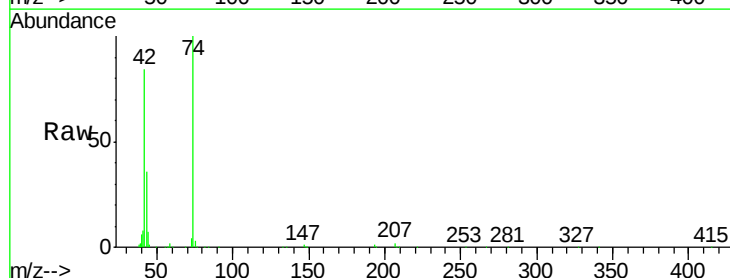
Tgt Ion: 42 Resp: 370556

Ion Ratio Lower Upper

42 100

74 118.3 104.9 157.3

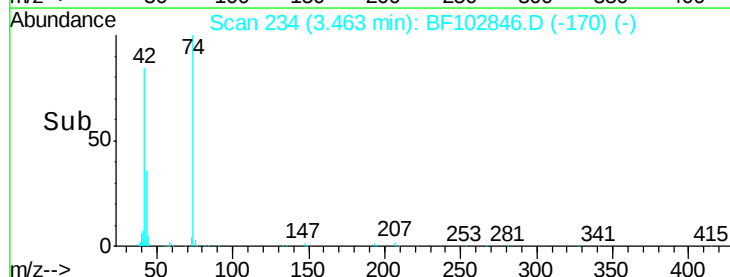
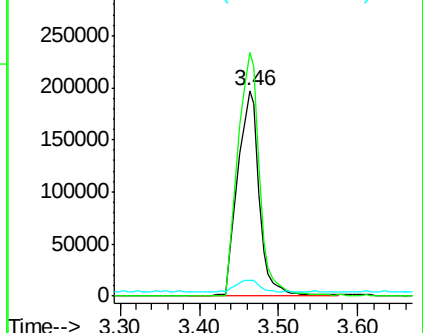
44 7.9 6.9 10.3

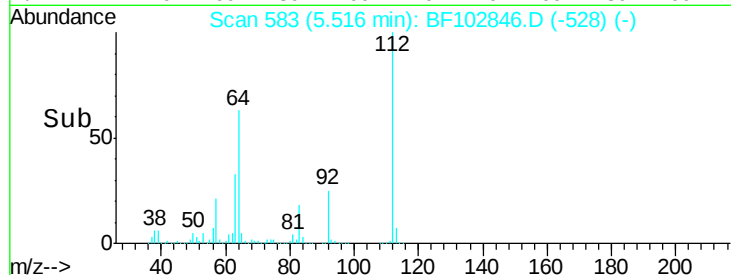
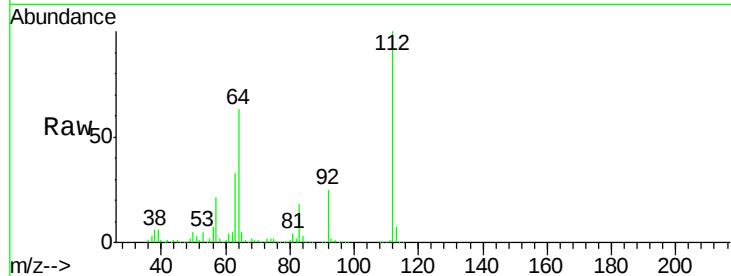
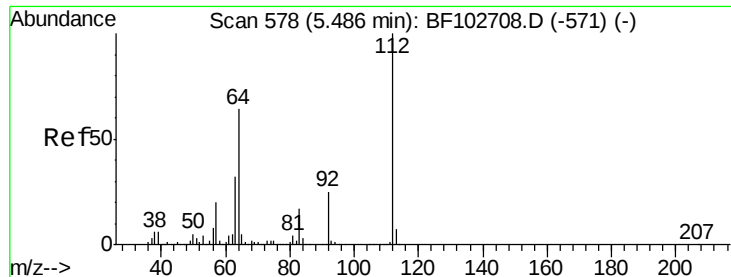


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 119.261 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

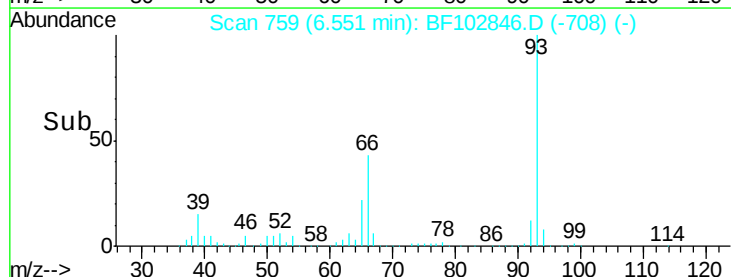
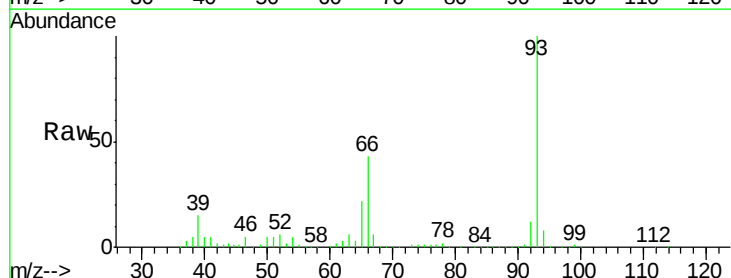
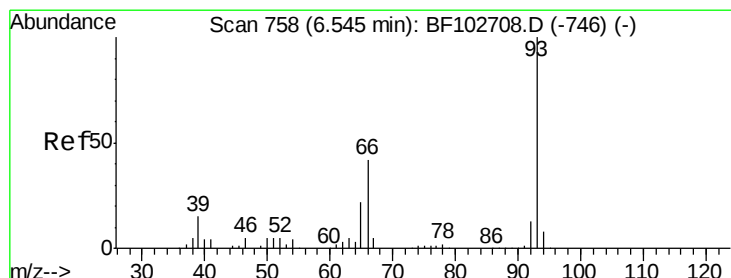
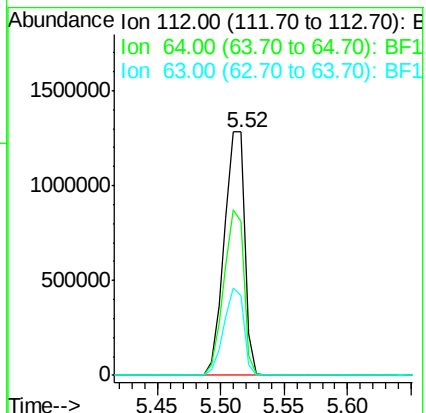
Tot Ion:112 Resp: 1440236

Ion Ratio Lower Upper

112 100

64 63.1 47.9 71.9

63 32.7 23.7 35.5



#6

Aniline

Concen: 19.945 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

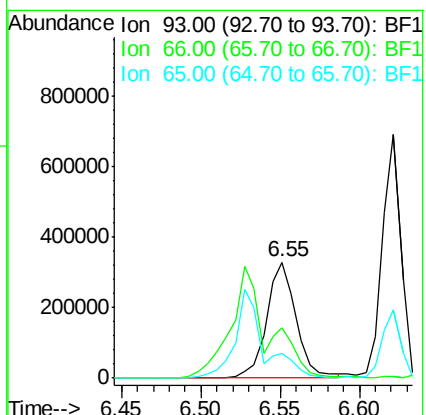
Tgt Ion: 93 Resp: 428290

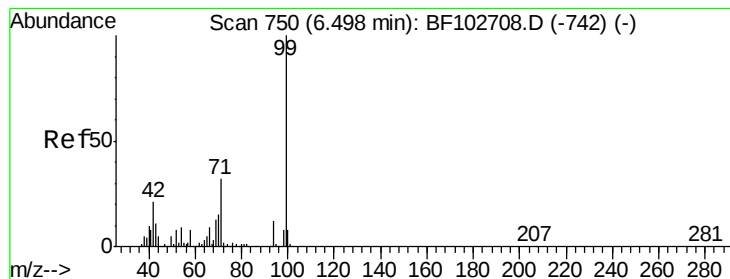
Ion Ratio Lower Upper

93 100

66 43.2 32.2 48.2

65 21.5 16.4 24.6





#7

Phenol-d6

Concen: 120.994 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

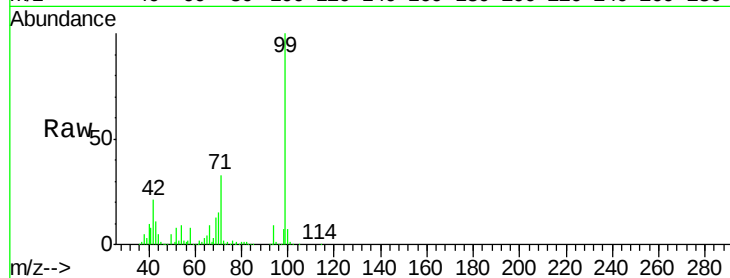
Tot Ion: 99 Resp: 1759334

Ion Ratio Lower Upper

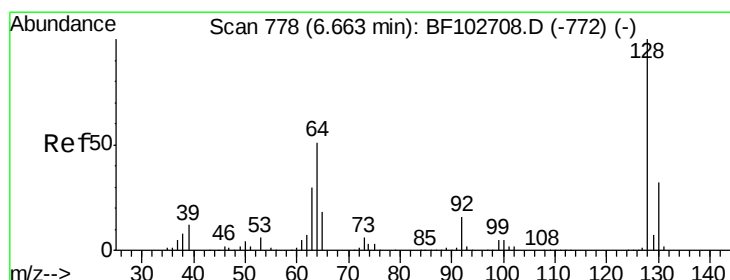
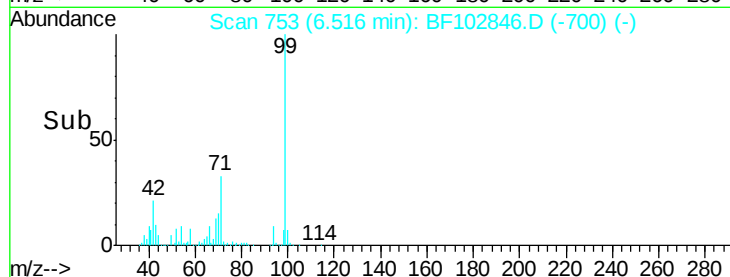
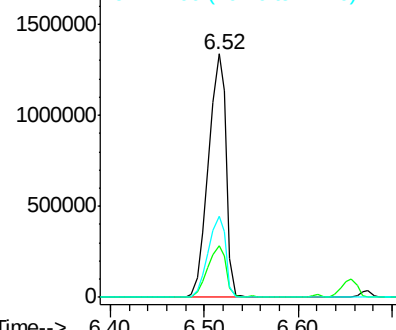
99 100

42 21.0 14.5 21.7

71 33.4 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: 43.727 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

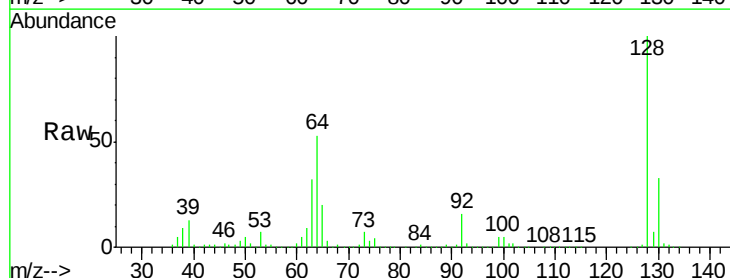
Tgt Ion: 128 Resp: 543649

Ion Ratio Lower Upper

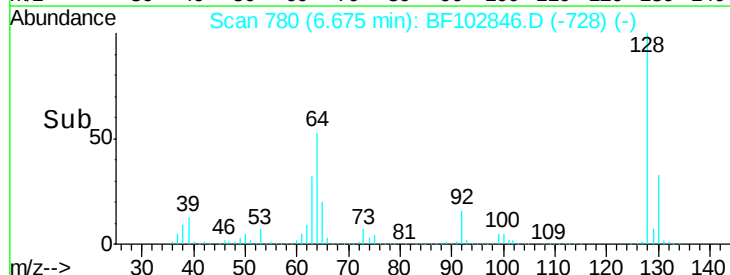
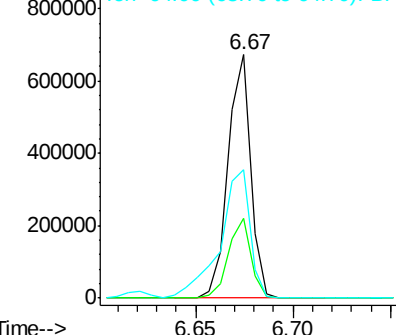
128 100

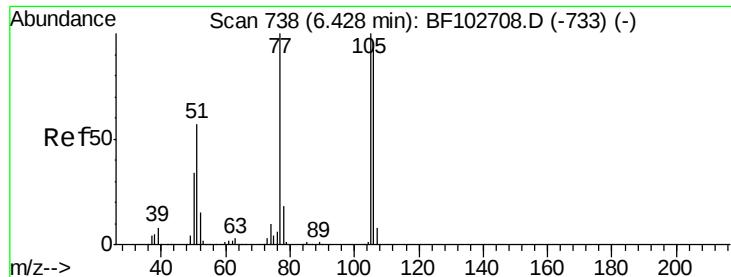
130 33.0 13.0 53.0

64 52.5 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: 17.042 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

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ClientSampleId :

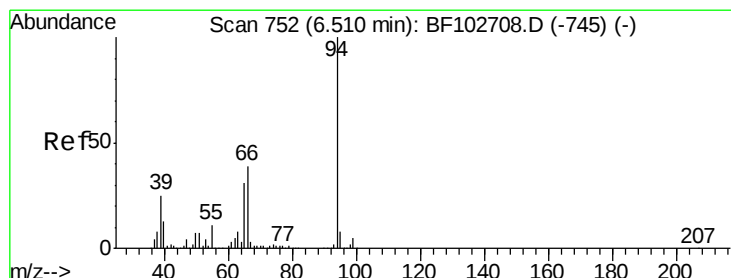
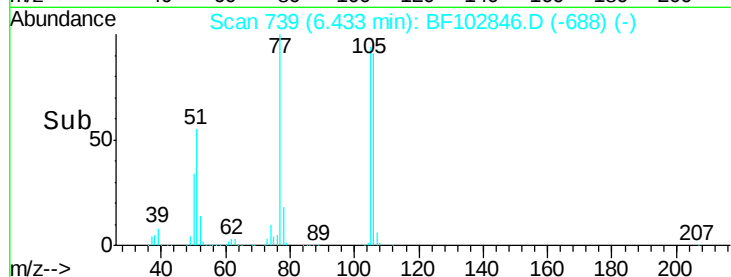
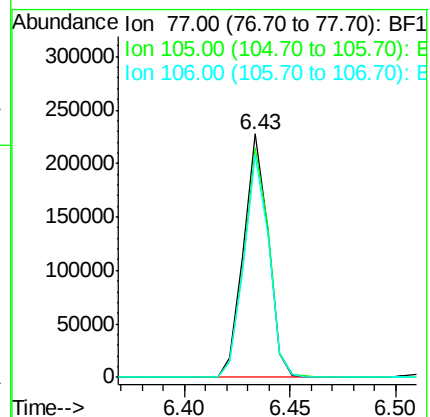
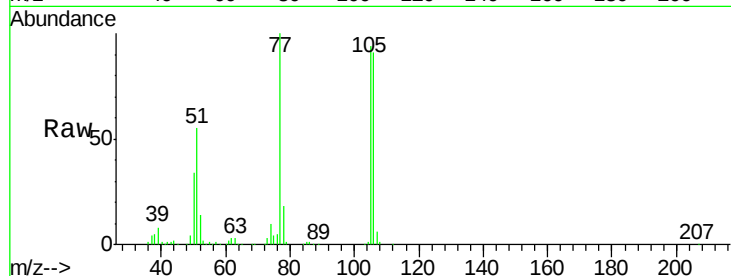
Tot Ion: 77 Resp: 184027

Ion Ratio Lower Upper

77 100

105 94.1 81.1 121.1

106 91.1 74.5 114.5



#10

Phenol

Concen: 46.020 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

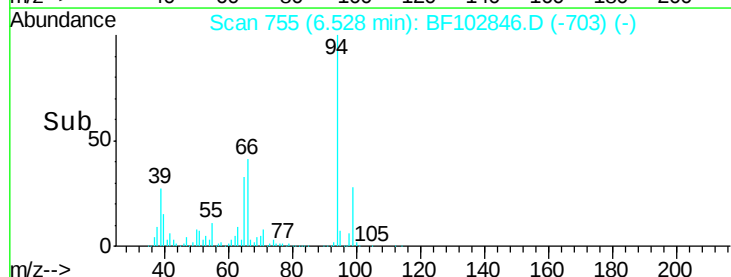
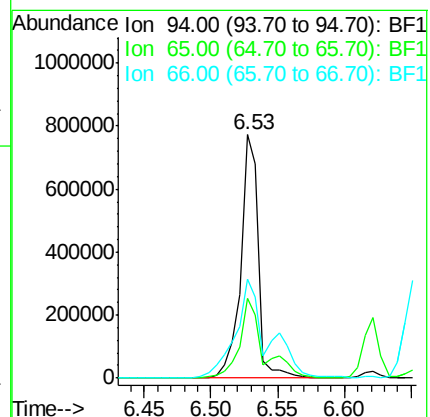
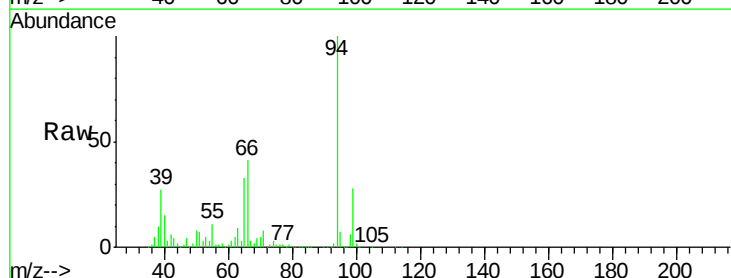
Tgt Ion: 94 Resp: 717136

Ion Ratio Lower Upper

94 100

65 32.8 7.9 47.9

66 40.9 16.2 56.2

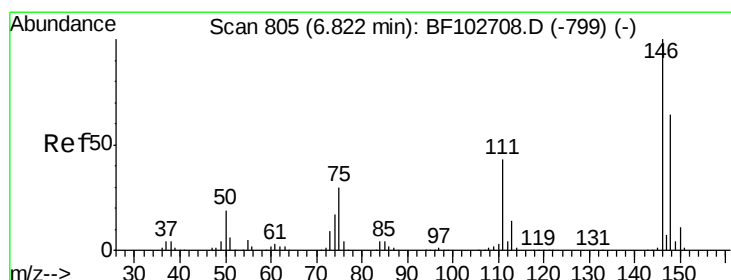
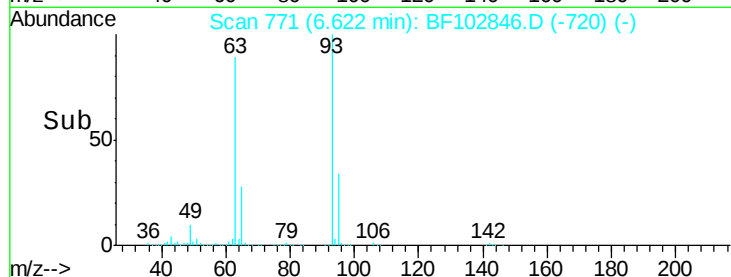
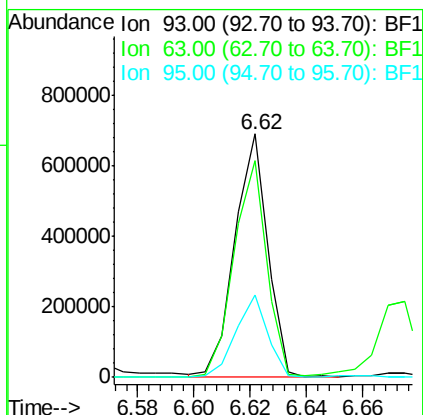
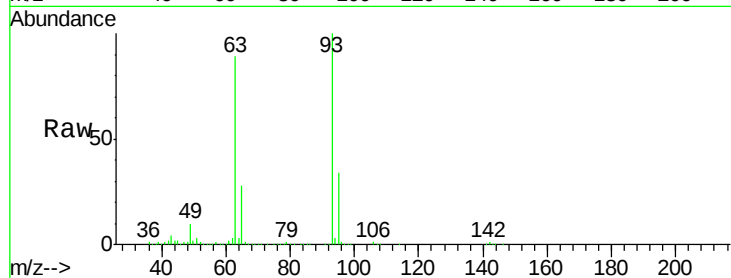




#11
bis(2-Chloroethyl)ether
Concen: 42.809 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

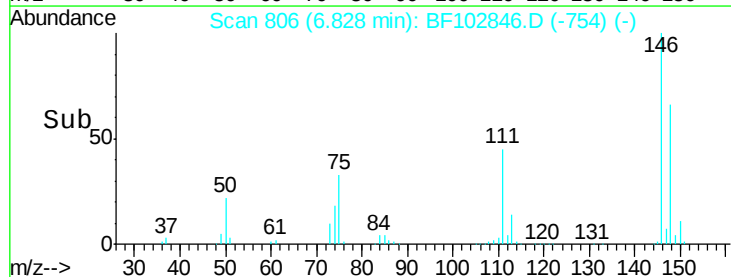
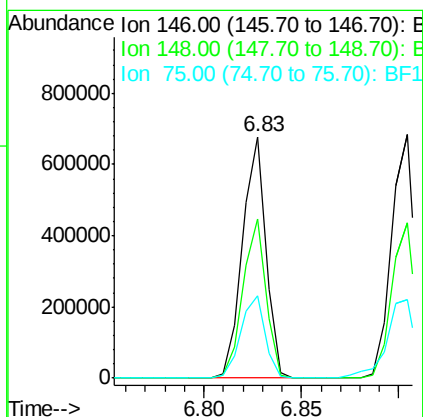
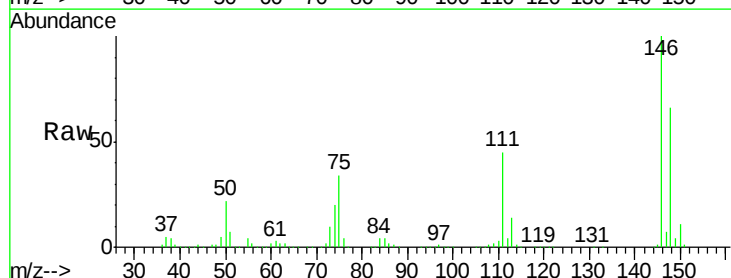
Instrument :
BNA_F
ClientSampleId :

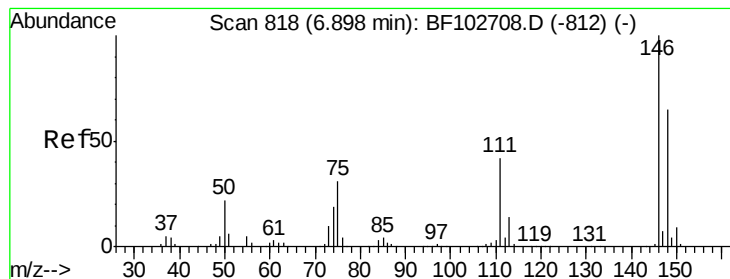
Tot Ion: 93 Resp: 555094
Ion Ratio Lower Upper
93 100
63 88.9 58.6 98.6
95 33.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.208 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion: 146 Resp: 564484
Ion Ratio Lower Upper
146 100
148 65.8 51.8 77.8
75 33.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.336 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

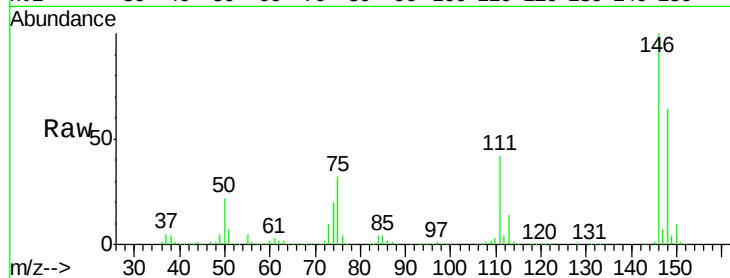
Tot Ion:146 Resp: 578486

Ion Ratio Lower Upper

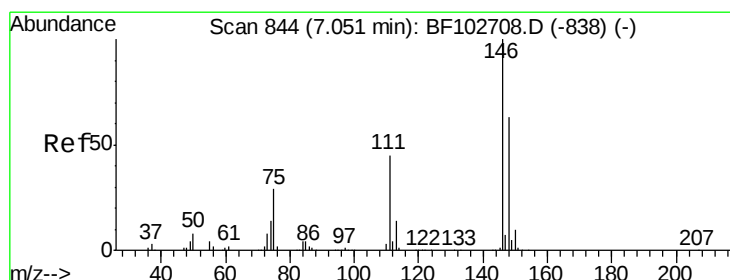
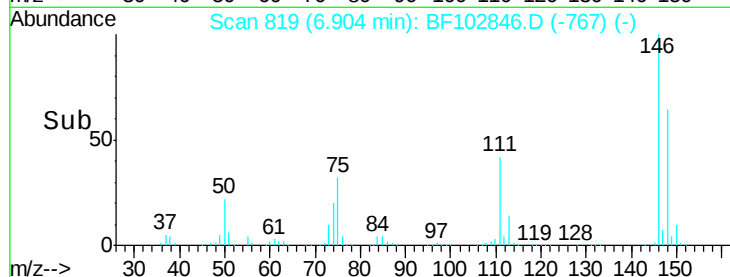
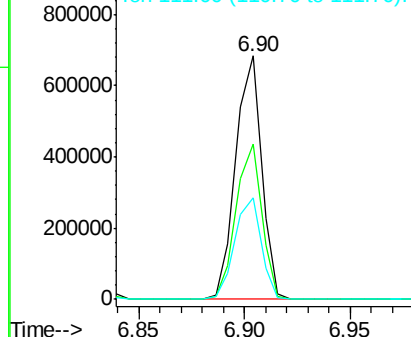
146 100

148 64.0 50.8 76.2

111 41.7 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 39.145 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

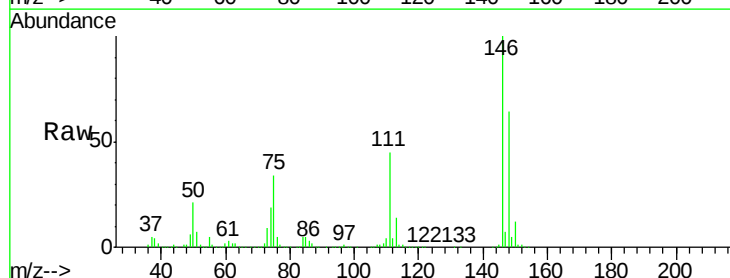
Tgt Ion:146 Resp: 522901

Ion Ratio Lower Upper

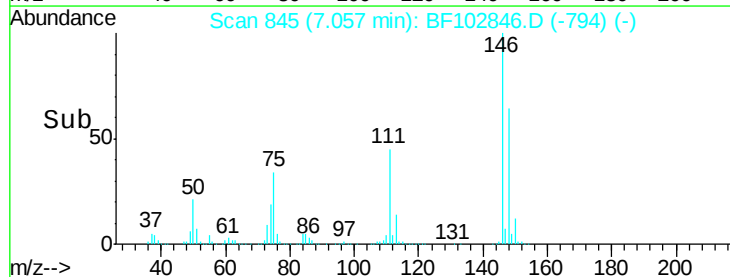
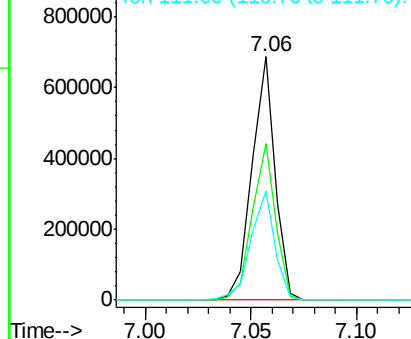
146 100

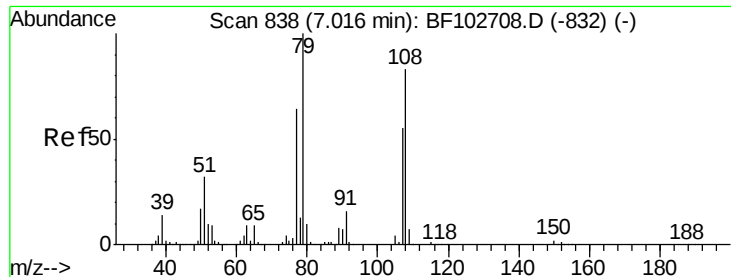
148 64.1 50.6 75.8

111 45.0 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 46.601 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

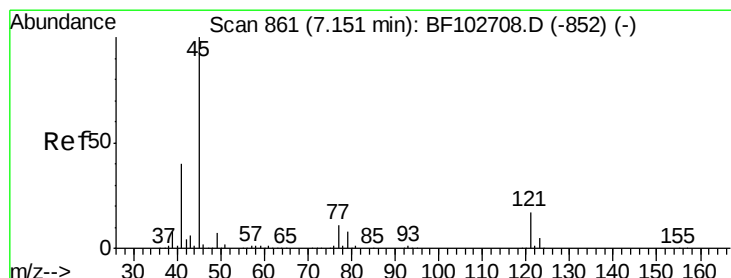
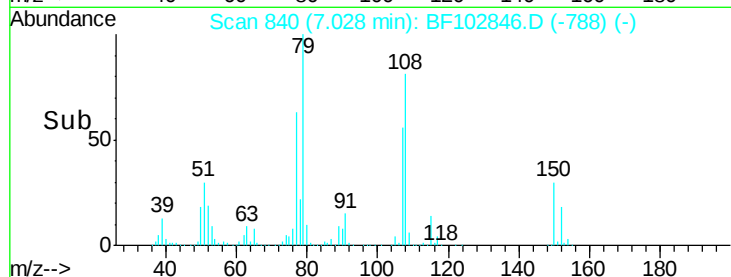
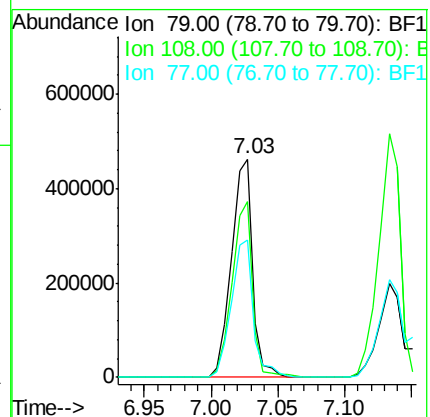
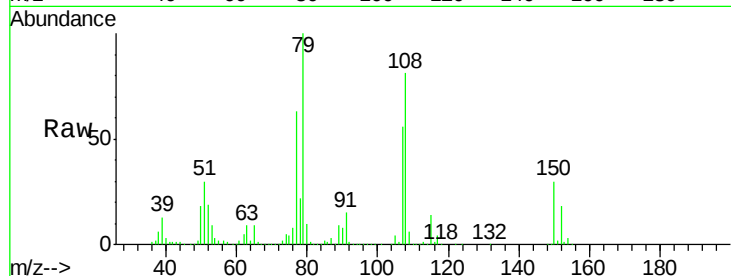
Tot Ion: 79 Resp: 520970

Ion Ratio Lower Upper

79 100

108 80.6 65.1 97.7

77 63.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.292 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

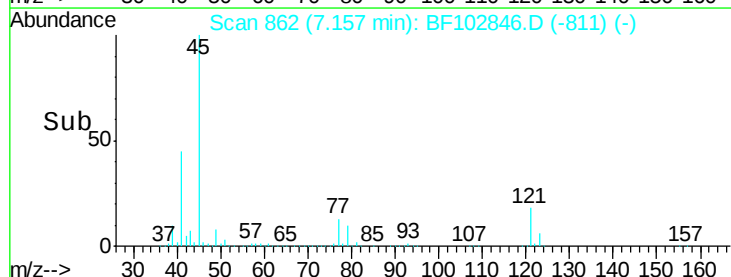
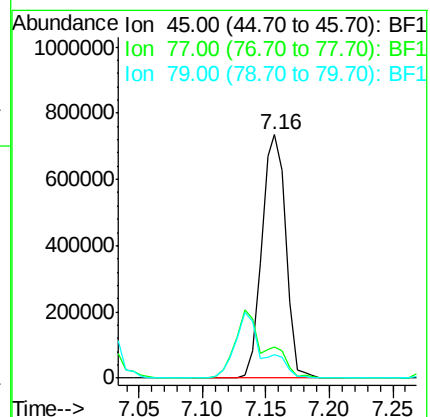
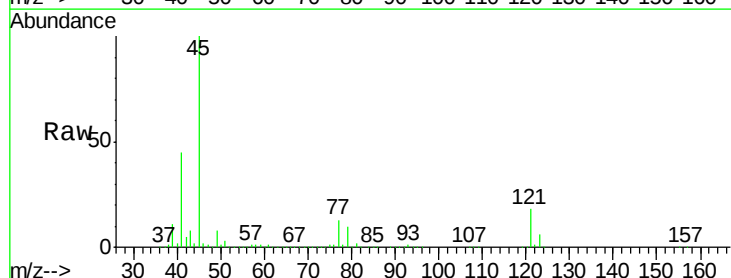
Tgt Ion: 45 Resp: 967854

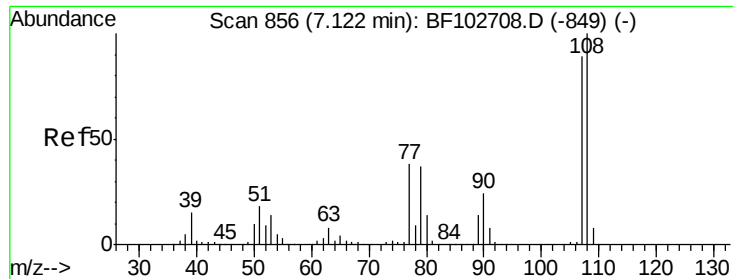
Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.9

79 9.8 0.0 29.6

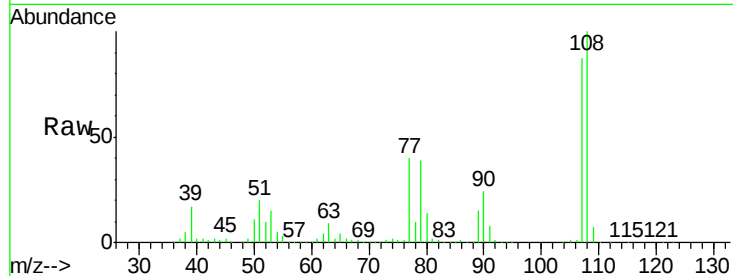




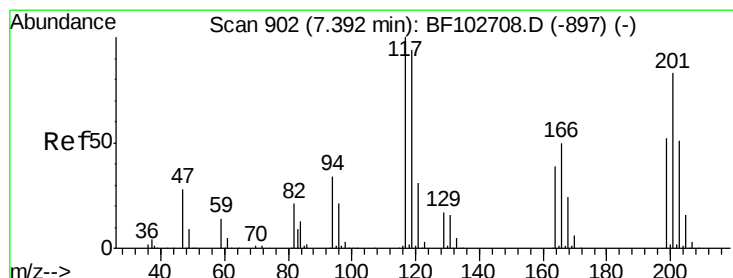
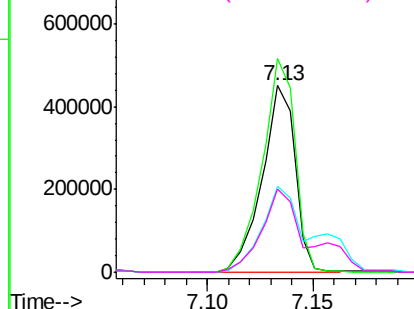
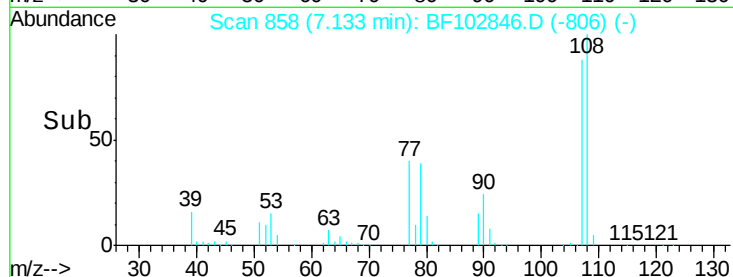
#17
2-Methylphenol
Concen: 42.641 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 489009
Ion Ratio Lower Upper
107 100
108 114.5 91.7 137.5
77 45.9 33.8 50.8
79 44.3 33.8 50.8

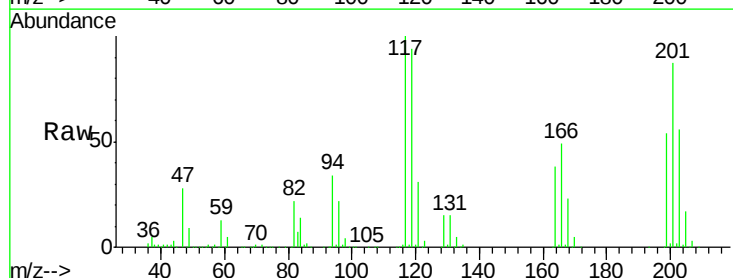


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
600000
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

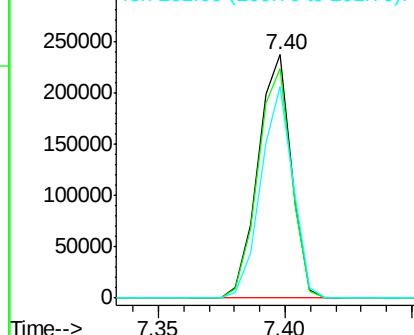
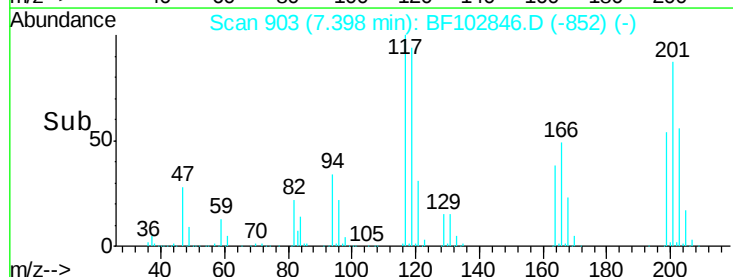


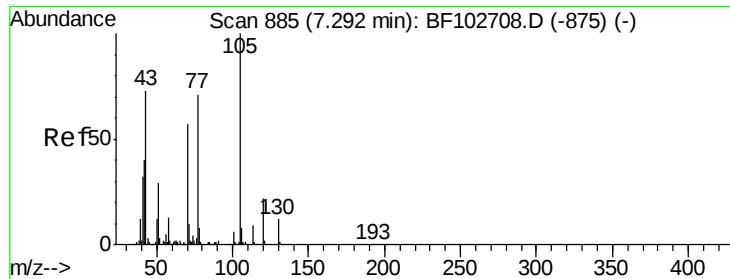
#18
Hexachloroethane
Concen: 44.100 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion:117 Resp: 216879
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.8
201 86.8 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
300000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

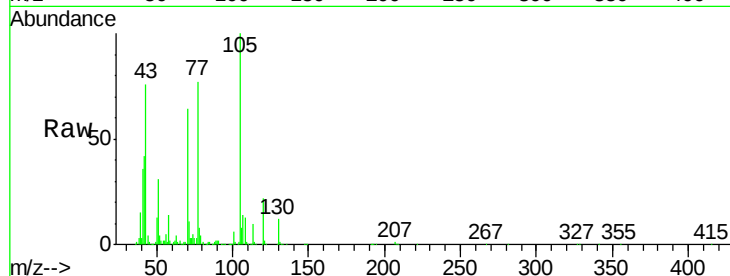




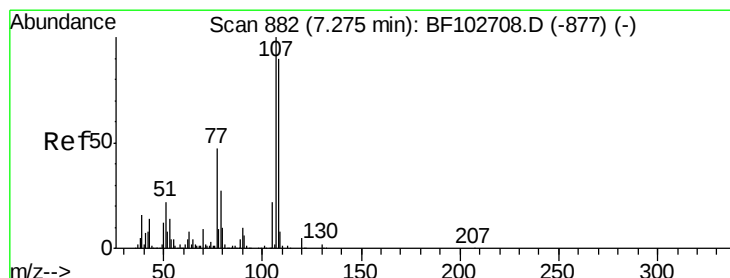
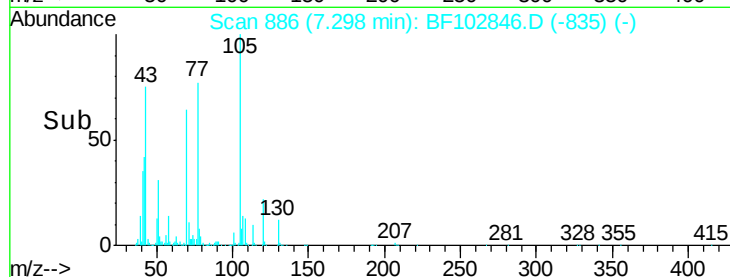
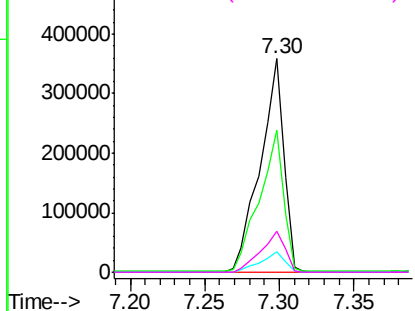
#19
n-Nitroso-di-n-propylamine
Concen: 40.771 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 390869
Ion Ratio Lower Upper
70 100
42 66.6 47.5 71.3
101 9.5 7.4 11.2
130 19.3 16.6 25.0

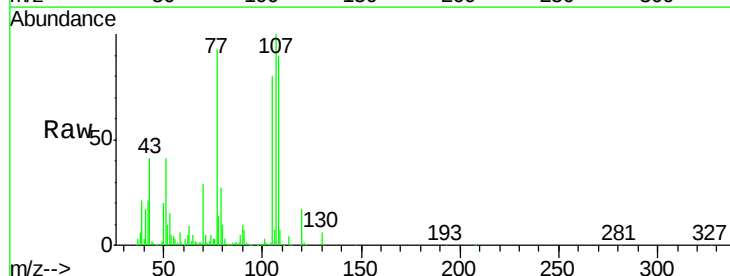


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

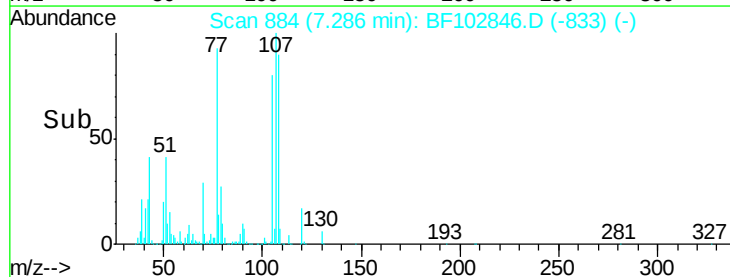
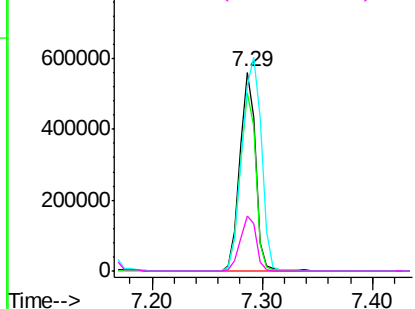


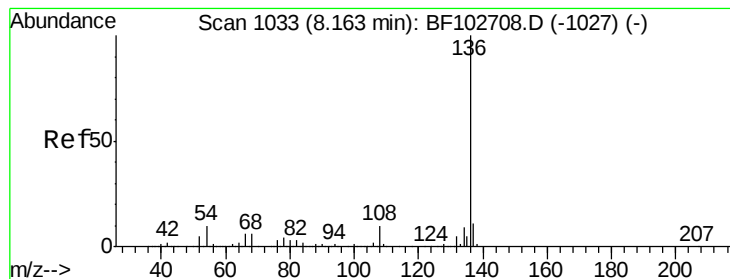
#20
3+4-Methylphenols
Concen: 39.815 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion: 107 Resp: 563066
Ion Ratio Lower Upper
107 100
108 89.6 68.2 108.2
77 93.2 26.7 66.7#
79 27.4 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: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 778014

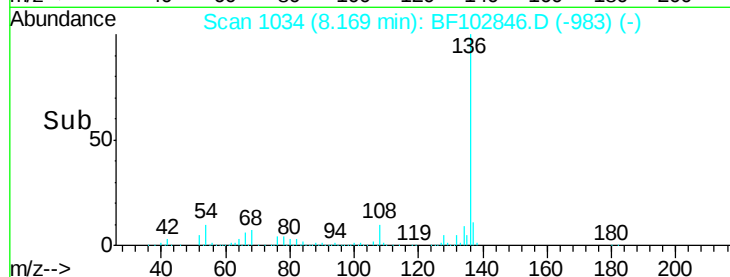
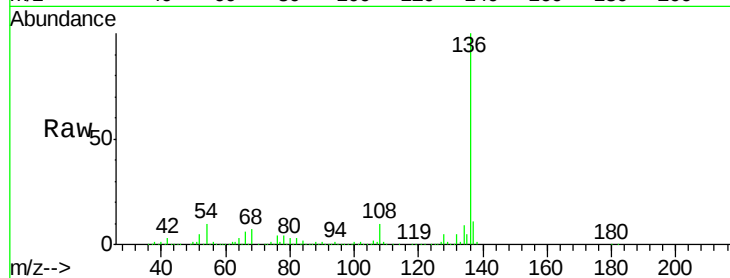
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.8 6.6 9.8

68 6.8 5.0 7.4

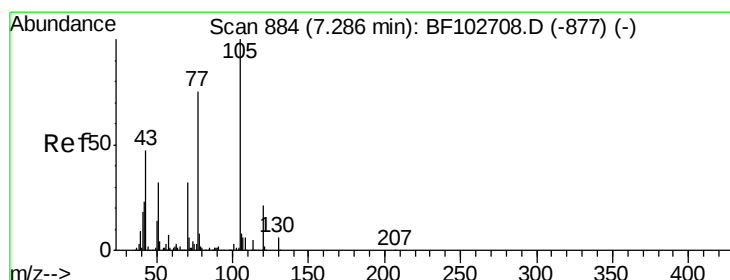
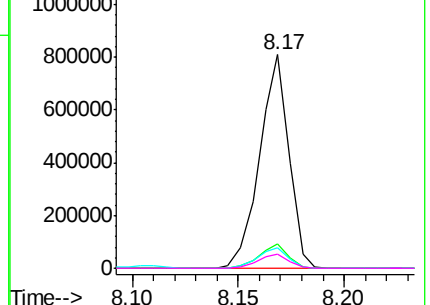


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.529 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Tgt Ion:105 Resp: 752586

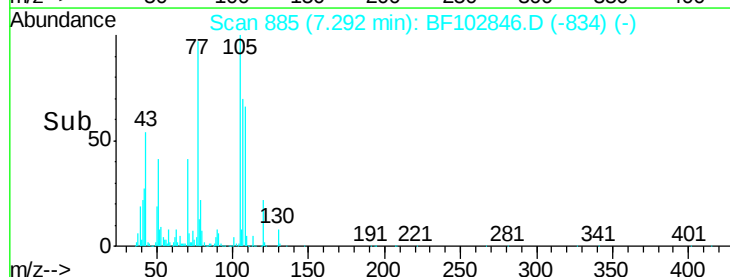
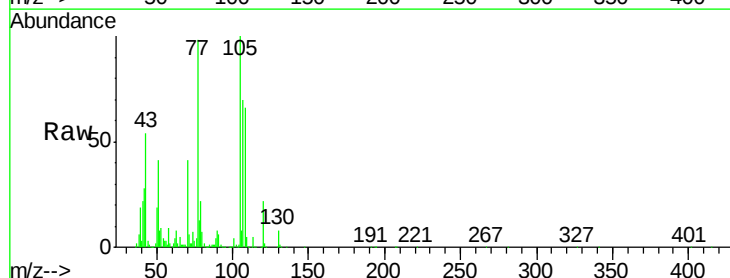
Ion Ratio Lower Upper

105 100

71 6.3 4.4 6.6

51 40.8 22.3 33.5#

120 21.6 16.9 25.3

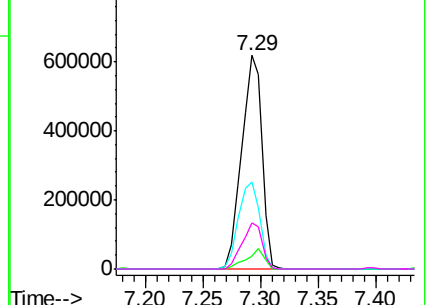


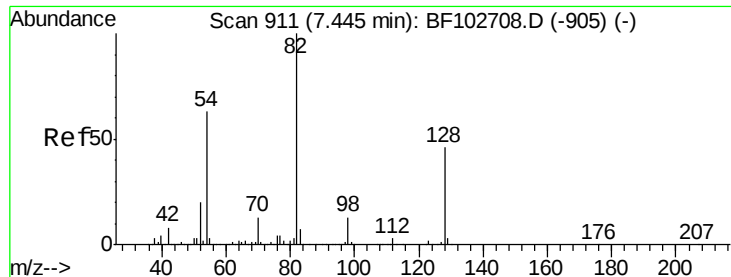
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

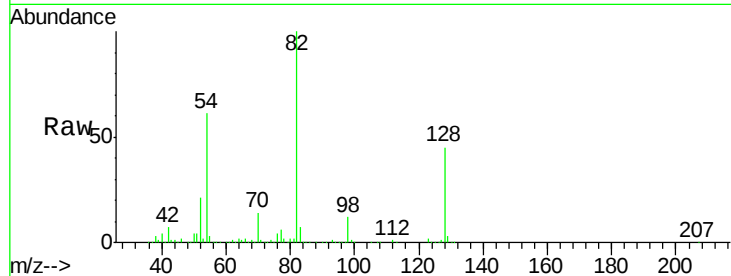




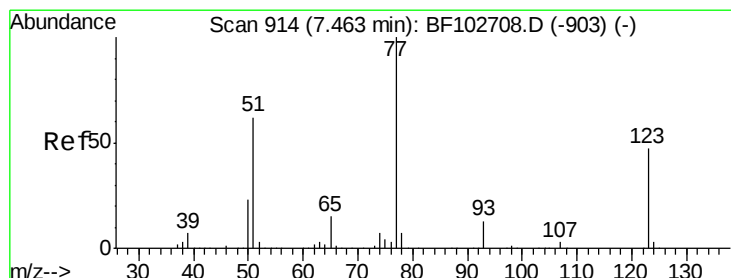
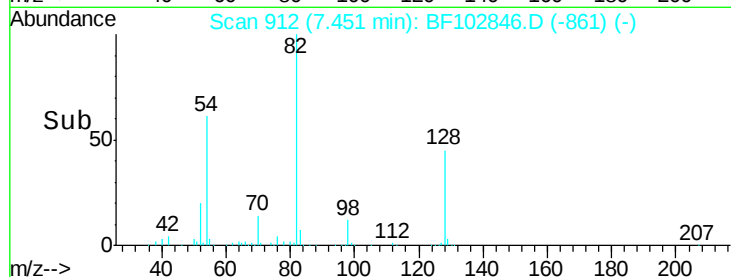
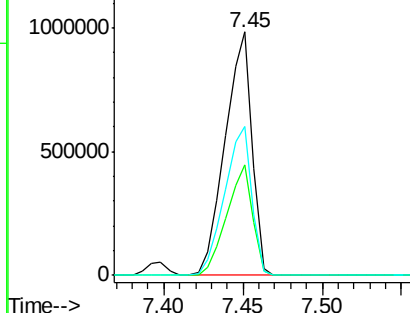
#23
Nitrobenzene-d5
Concen: 102.705 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1151865
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 61.3 41.4 62.2

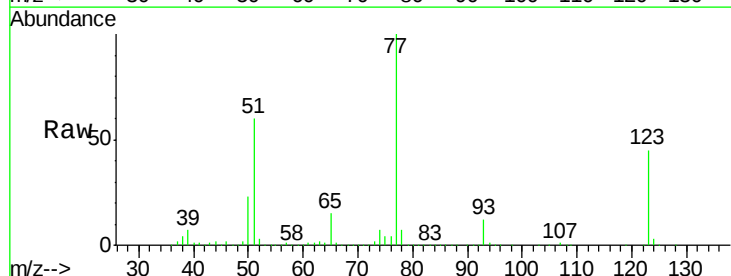


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

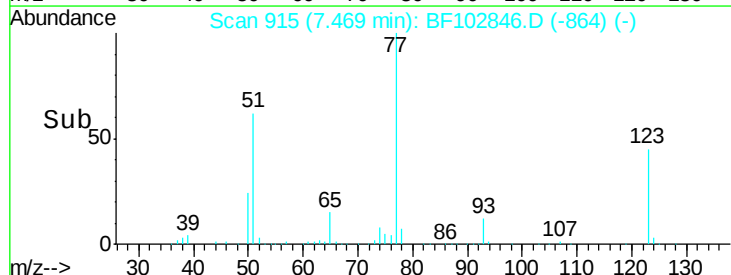
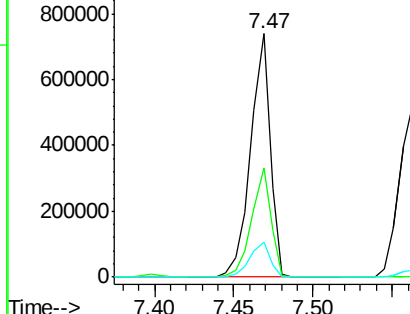


#24
Nitrobenzene
Concen: 48.134 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion: 77 Resp: 634929
Ion Ratio Lower Upper
77 100
123 44.8 37.9 56.9
65 14.6 11.0 16.4



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





#25

Isophorone

Concen: 45.476 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampled :

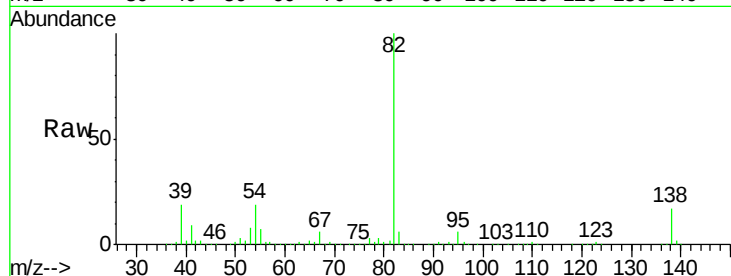
Tot Ion: 82 Resp: 1174412

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

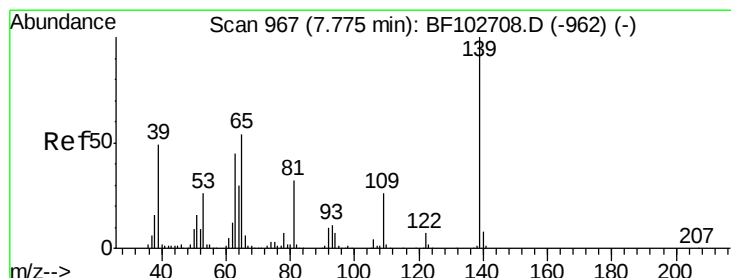
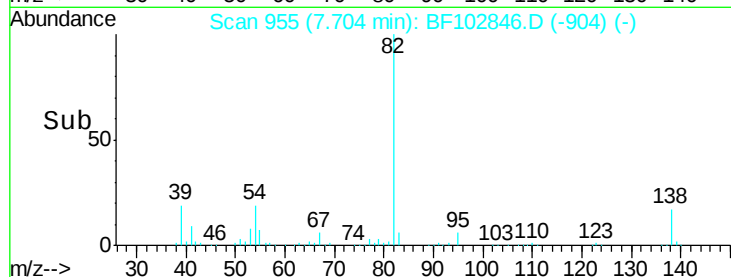
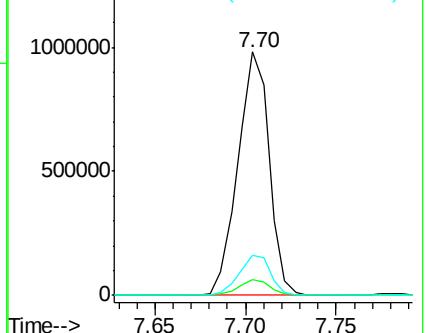
138 16.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 54.888 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

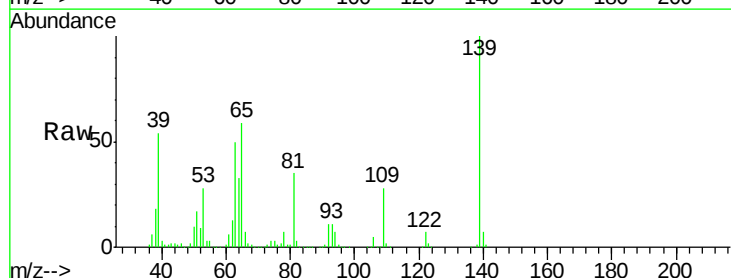
Tgt Ion: 139 Resp: 305712

Ion Ratio Lower Upper

139 100

109 28.4 22.7 34.1

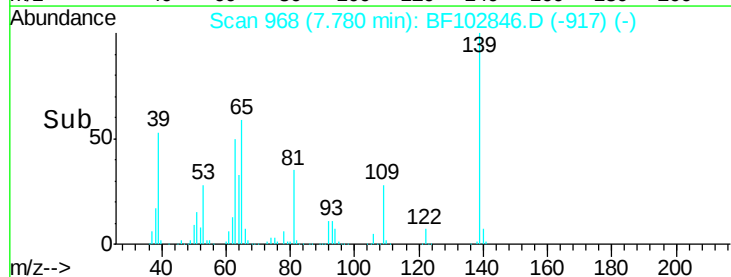
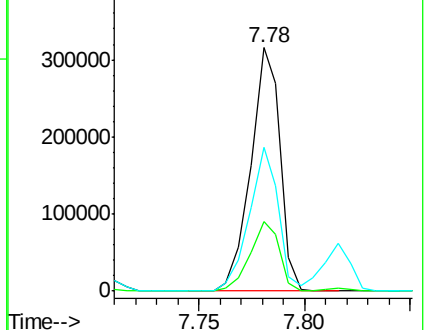
65 59.2 40.5 60.7

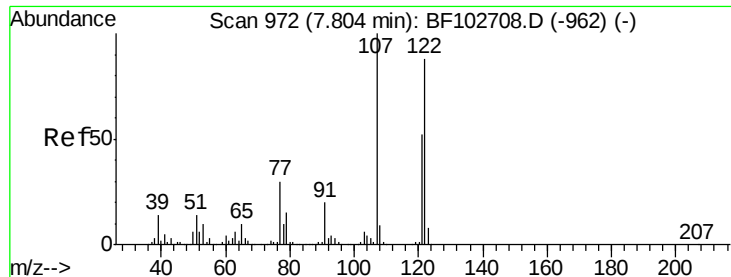


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.552 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

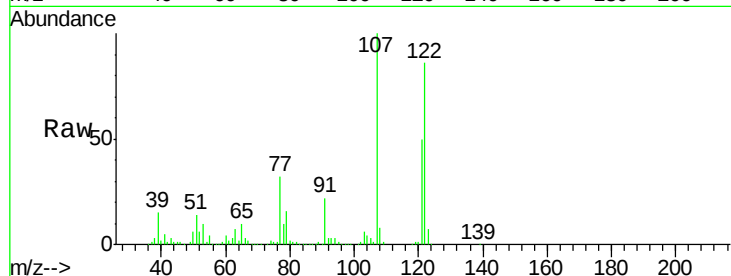
Tot Ion:122 Resp: 529730

Ion Ratio Lower Upper

122 100

107 116.9 91.2 136.8

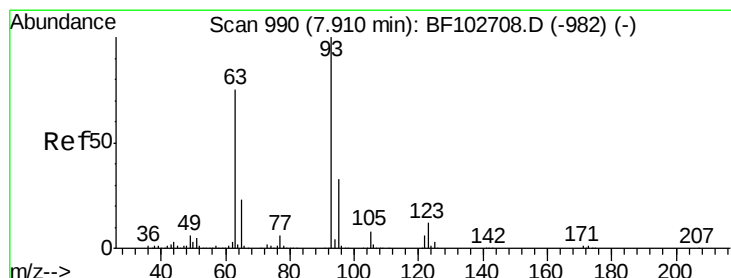
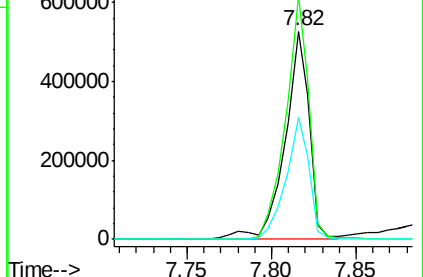
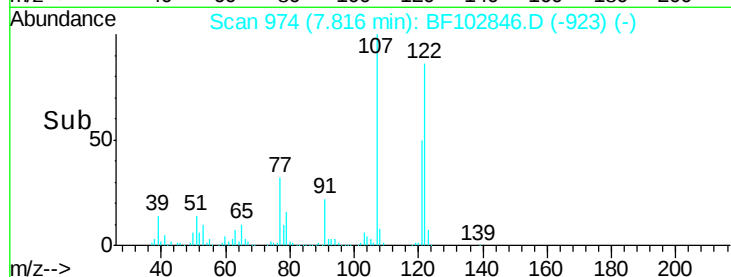
121 58.8 47.2 70.8



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: 45.877 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

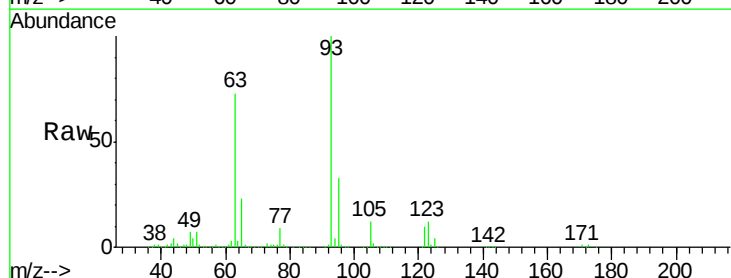
Tgt Ion: 93 Resp: 701853

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

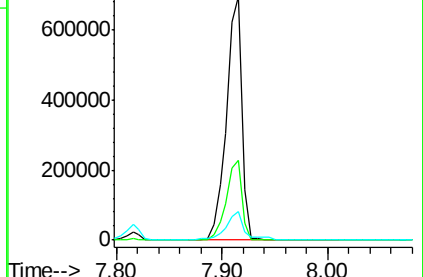
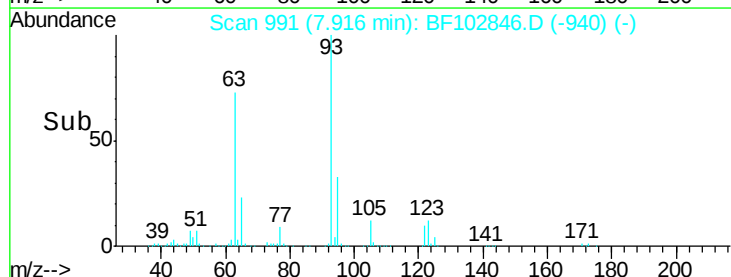
123 11.8 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

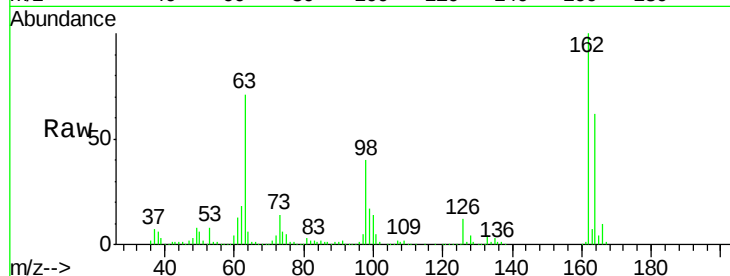




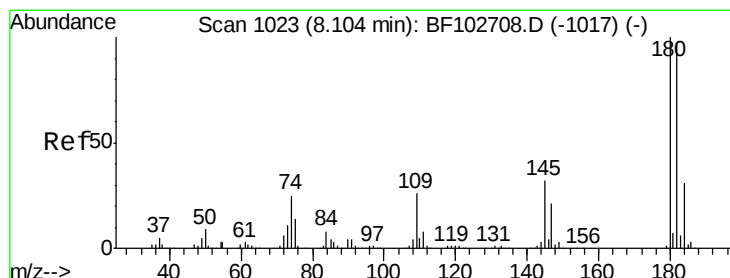
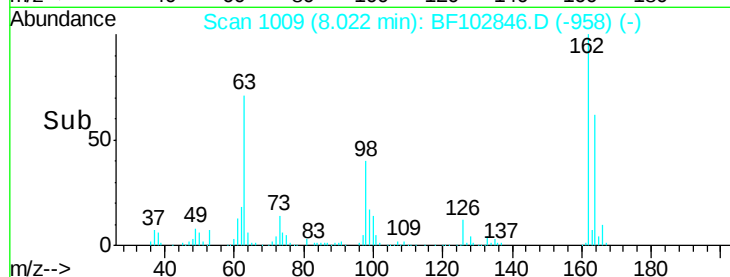
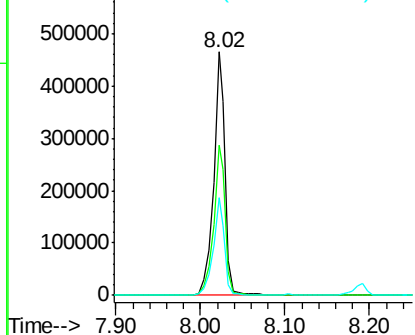
#29
 2,4-Dichlorophenol
 Concen: 45.400 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	42.7	82.7
98	40.1	18.1	58.1

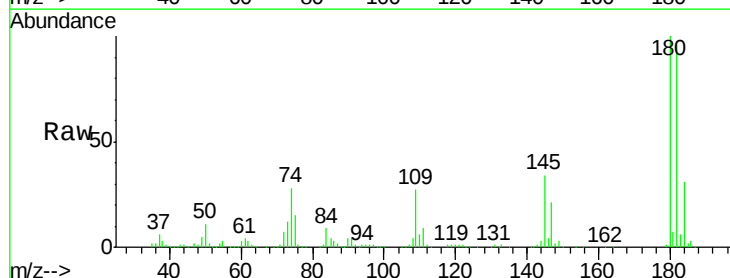


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

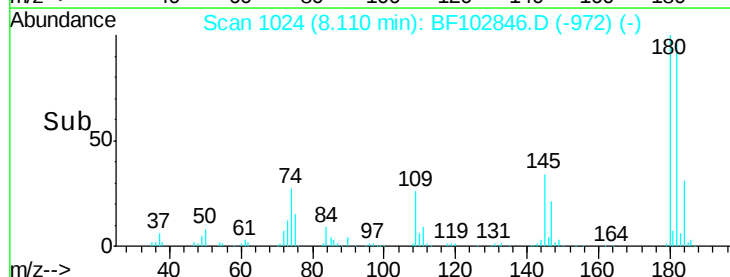
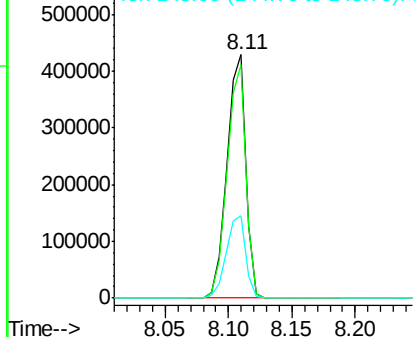


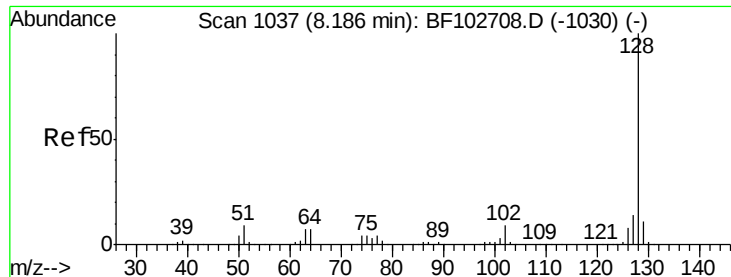
#30
 1,2,4-Trichlorobenzene
 Concen: 39.055 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
145	33.9	26.5	39.7



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

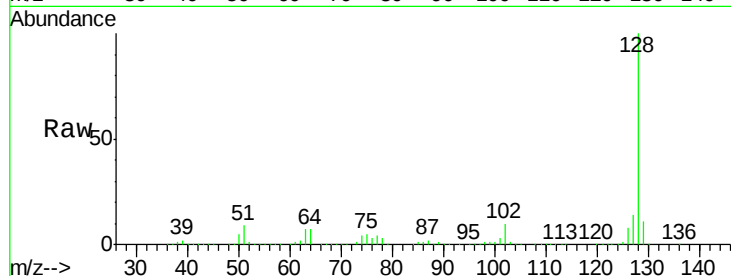




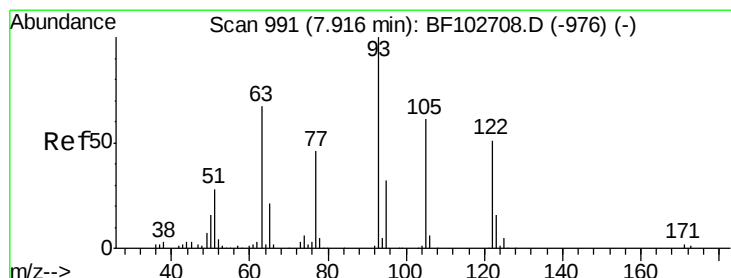
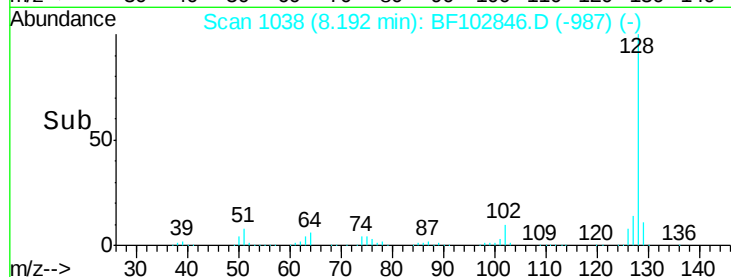
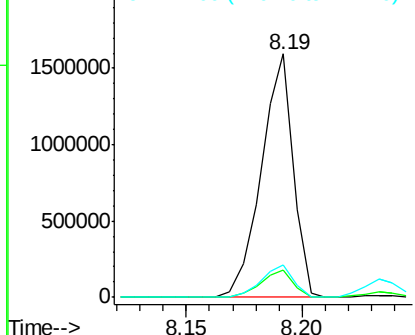
#31
Naphthalene
Concen: 40.294 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1531664
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.9 16.3

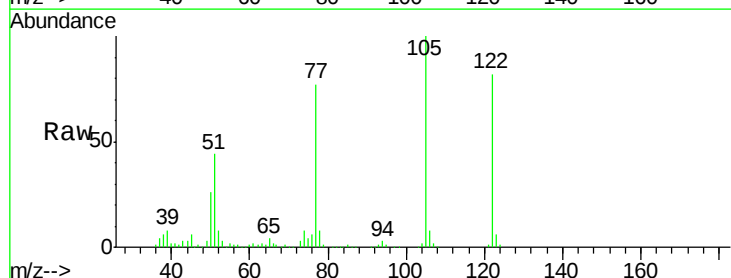


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

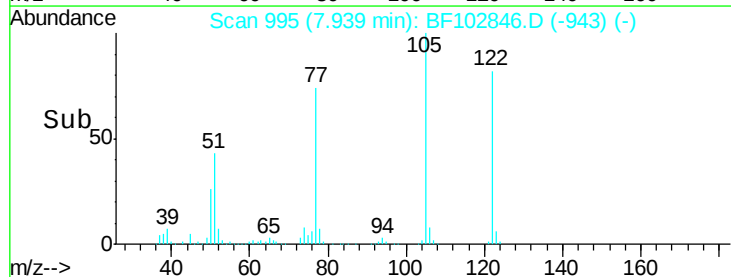
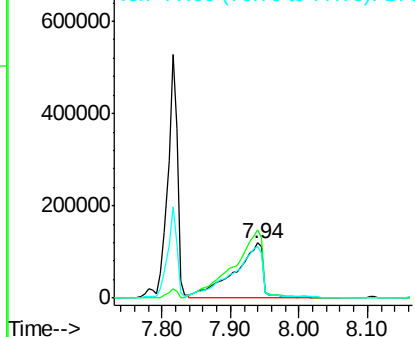


#32
Benzoic acid
Concen: 46.585 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion:122 Resp: 354734
Ion Ratio Lower Upper
122 100
105 122.7 101.1 141.1
77 93.9 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

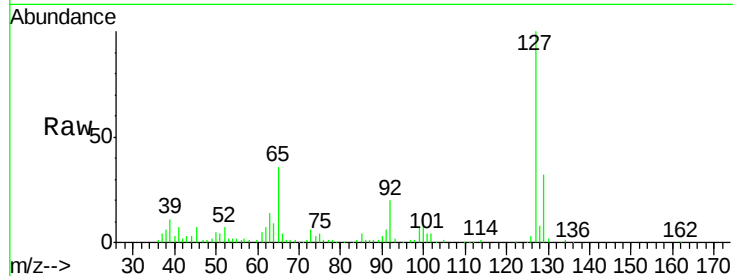




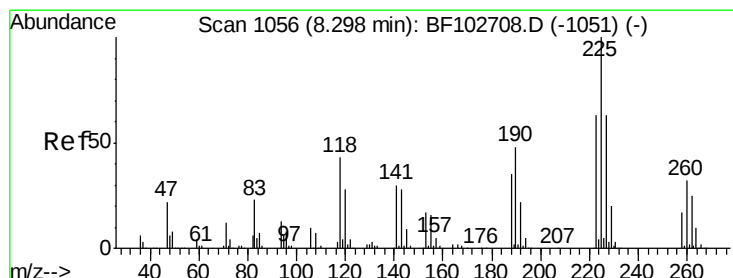
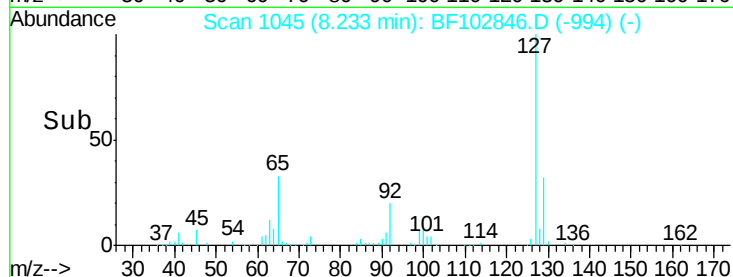
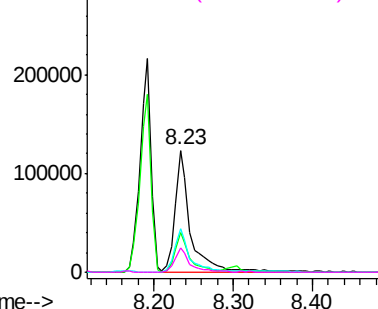
#33
4-Chloroaniline
Concen: 10.150 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	166202
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	36.2	25.0	37.4
92	20.1	15.2	22.8

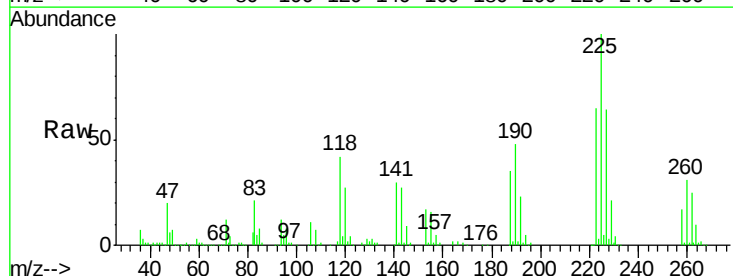


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

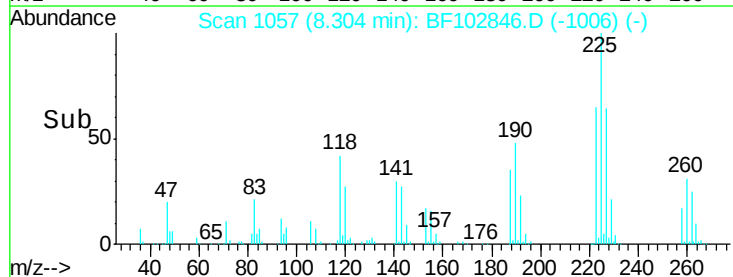
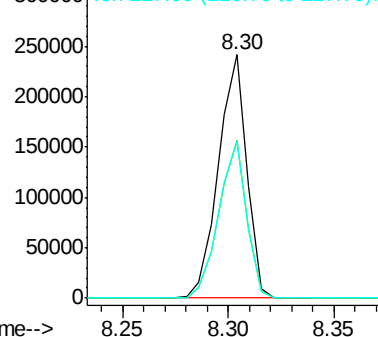


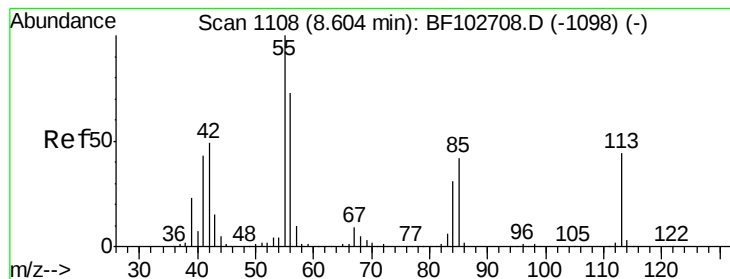
#34
Hexachlorobutadiene
Concen: 39.066 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion:	225	Resp:	224616
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	76.0
227	64.1	51.9	77.9



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





#35

Caprolactam

Concen: 34.300 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampled :

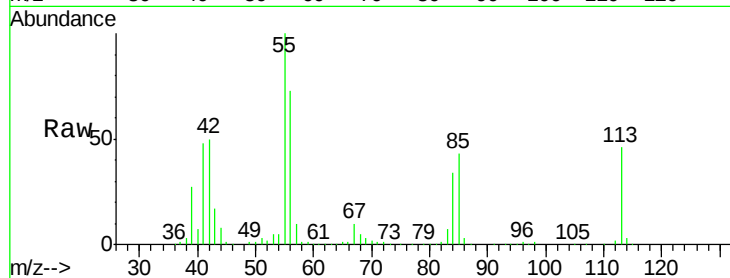
Tot Ion:113 Resp: 118147

Ion Ratio Lower Upper

113 100

55 219.1 163.3 203.3#

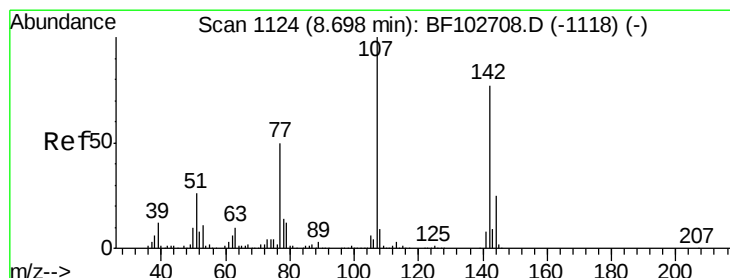
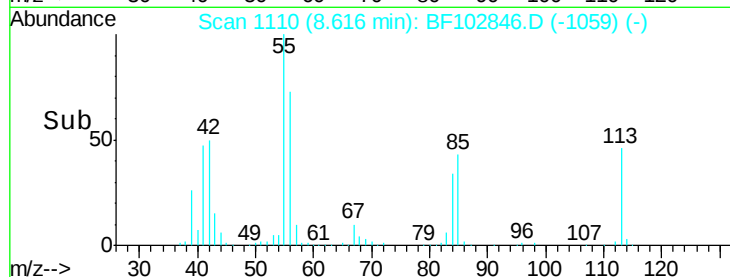
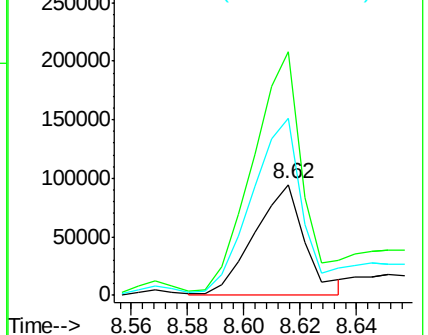
56 159.7 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 47.172 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

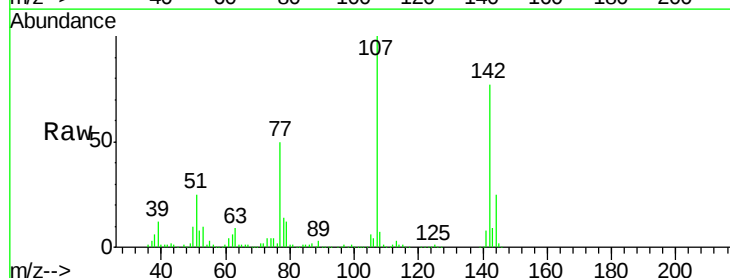
Tgt Ion:107 Resp: 525691

Ion Ratio Lower Upper

107 100

144 24.6 20.5 30.7

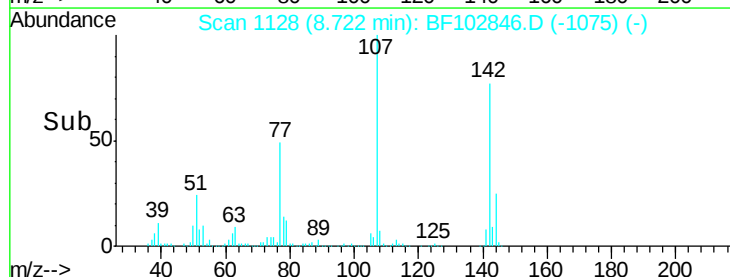
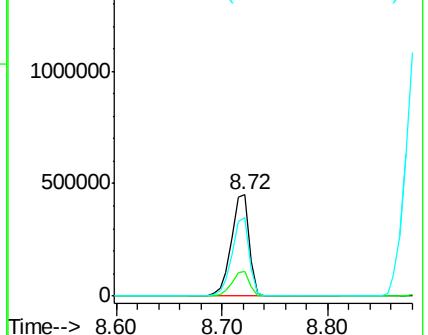
142 77.3 62.0 93.0

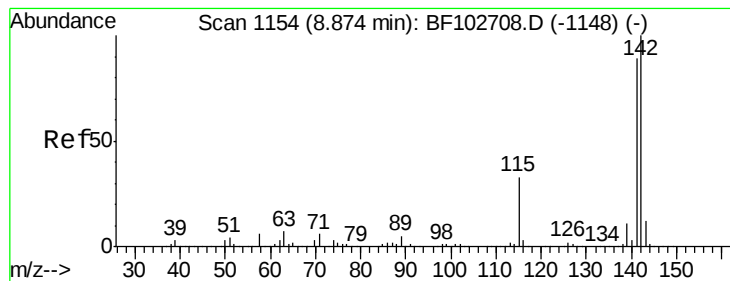


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.020 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

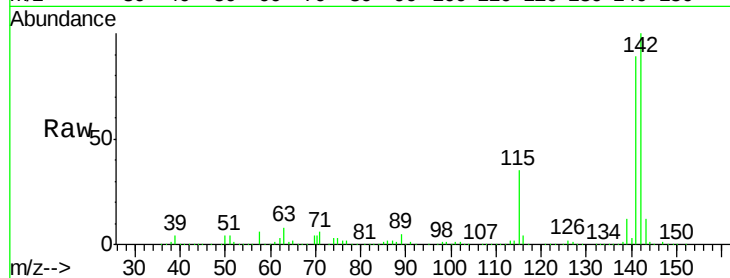
Tot Ion:142 Resp: 1020871

Ion Ratio Lower Upper

142 100

141 89.4 70.8 106.2

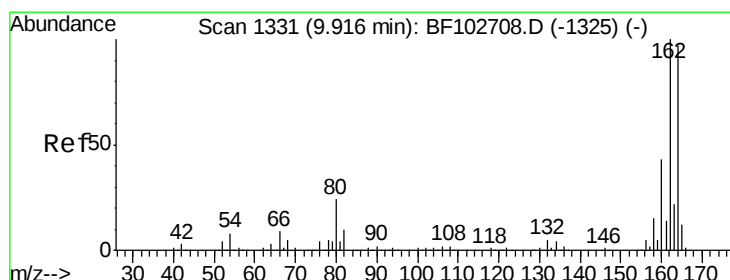
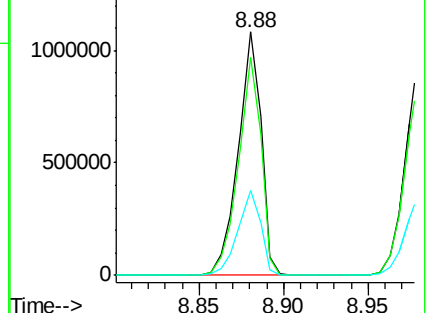
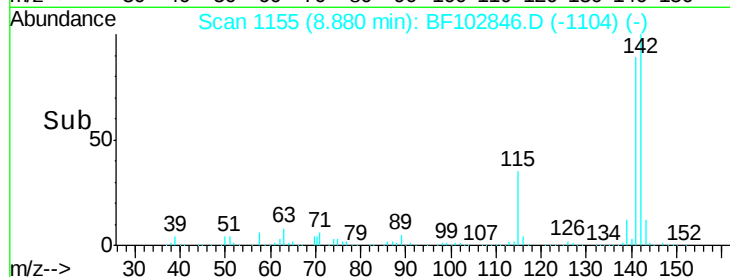
115 35.1 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

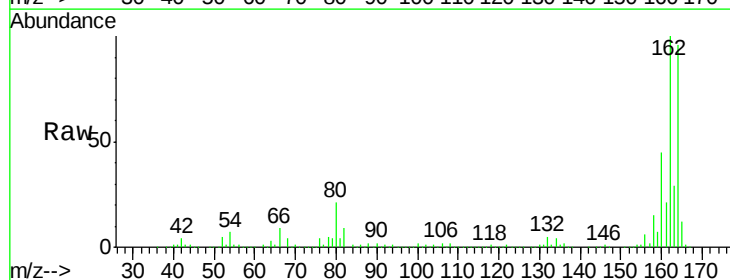
Tgt Ion:164 Resp: 352208

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

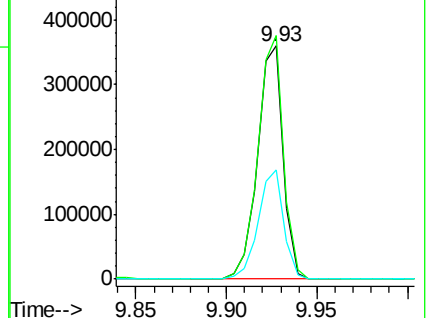
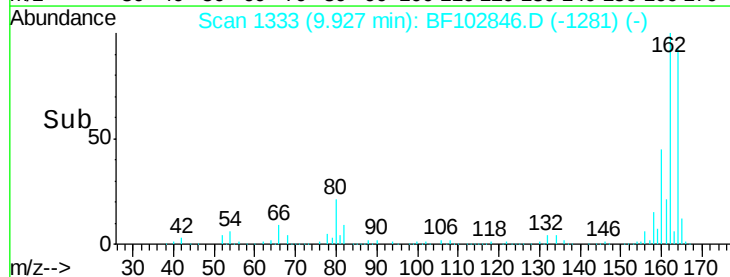
160 46.8 38.3 57.5

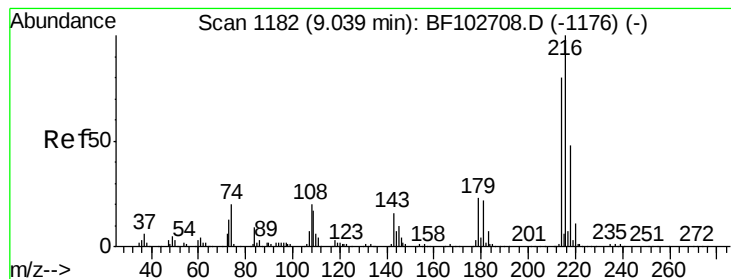


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.200 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 375925

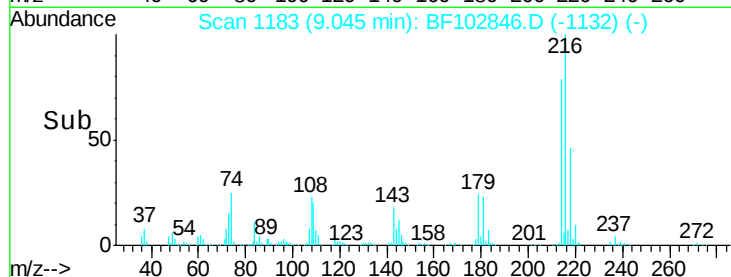
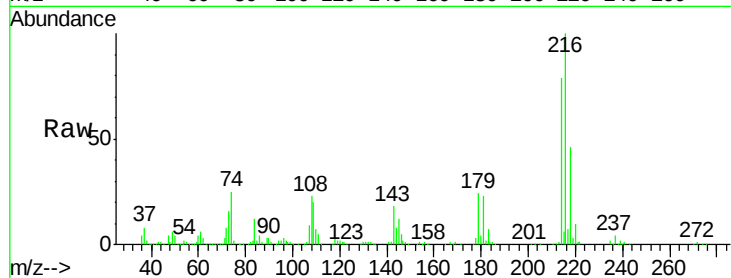
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 23.6 18.1 27.1

108 27.1 17.2 25.8#

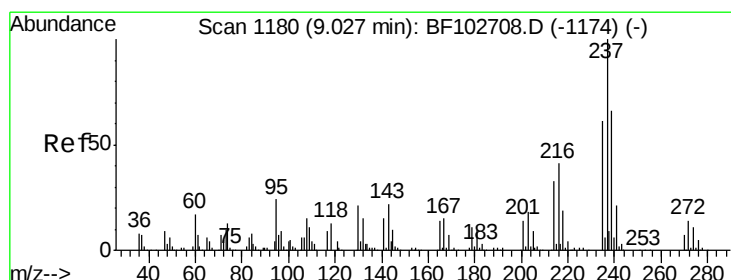
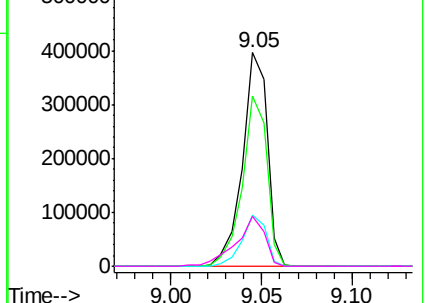


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 89.173 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

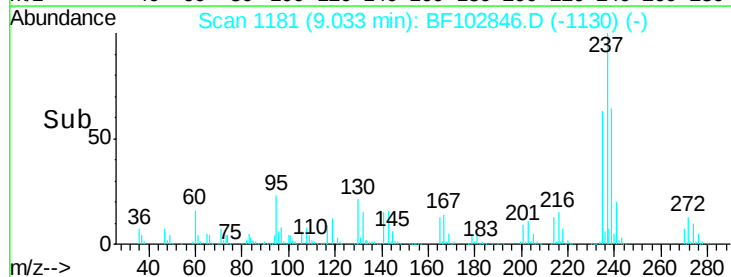
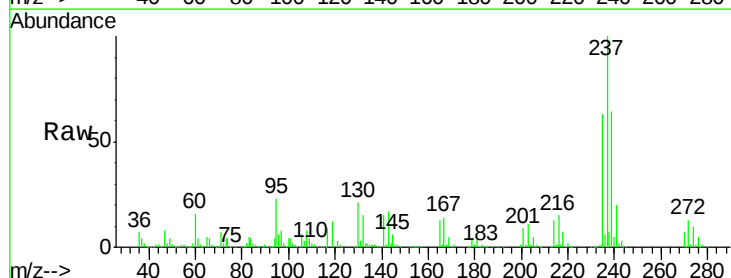
Tgt Ion:237 Resp: 406529

Ion Ratio Lower Upper

237 100

235 62.7 44.8 84.8

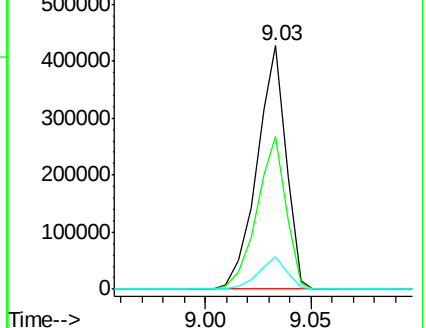
272 13.1 0.0 33.3

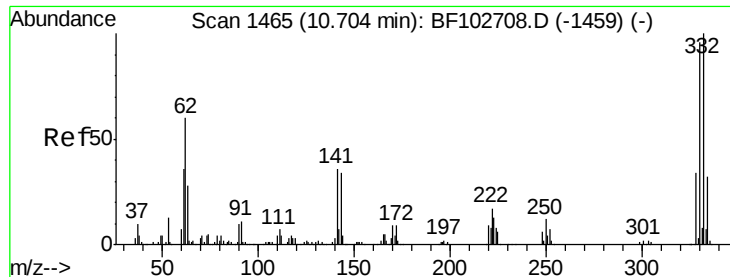


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

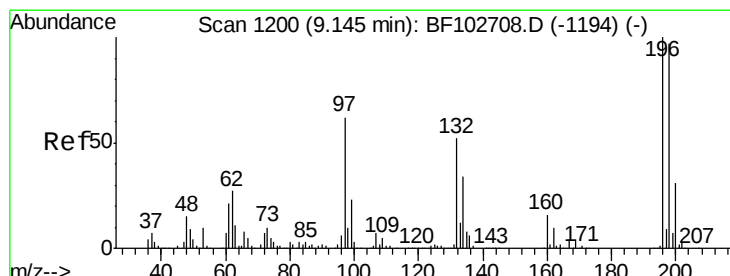
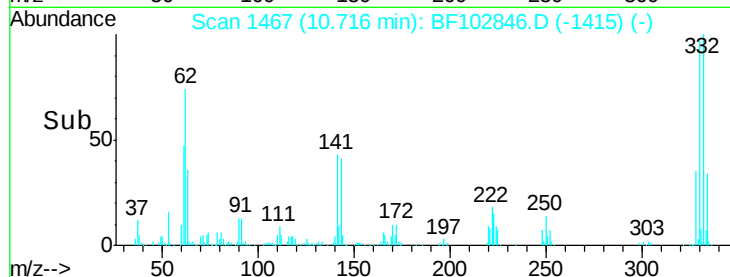
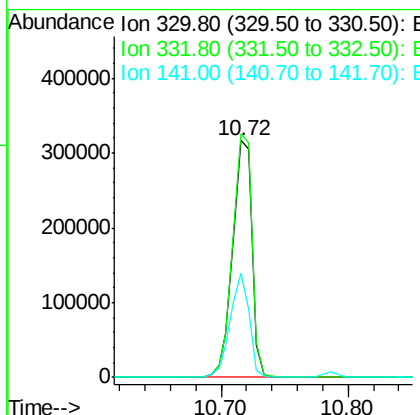
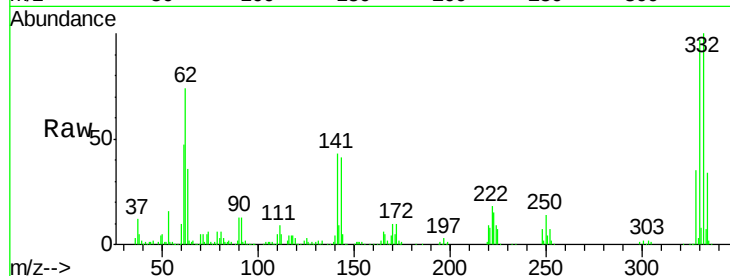




#41
 2,4,6-Tribromophenol
 Concen: 116.905 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

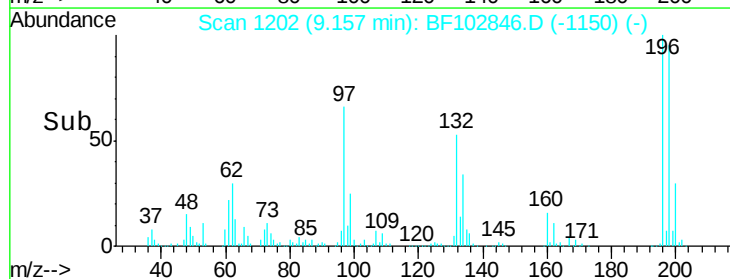
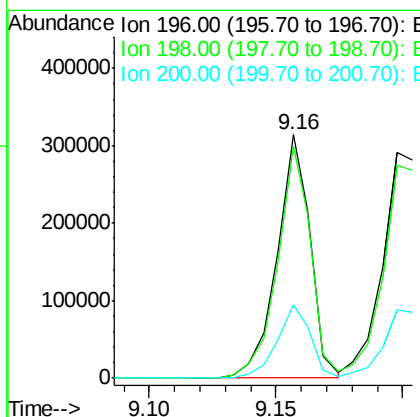
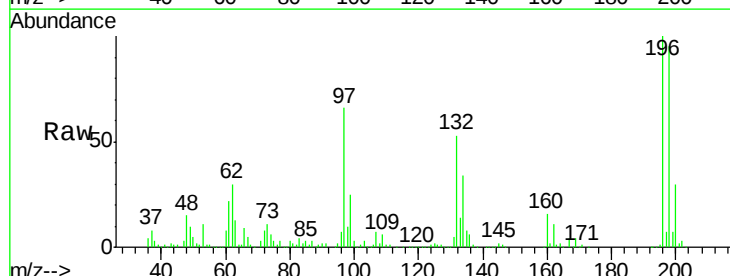
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	330	332	141	Resp	331410	Lower	Upper
Ion Ratio	100	103.0	43.0				
		77.0	29.9				
		115.6	44.9				



#42
 2,4,6-Trichlorophenol
 Concen: 45.536 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion	196	198	200	Resp	286831	Lower	Upper
Ion Ratio	100	95.1	30.0				
		75.7	24.5				
		113.5	36.7				

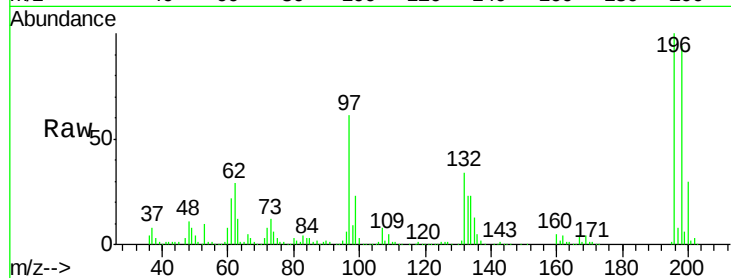




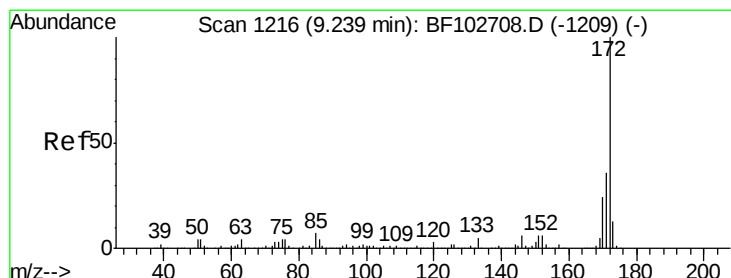
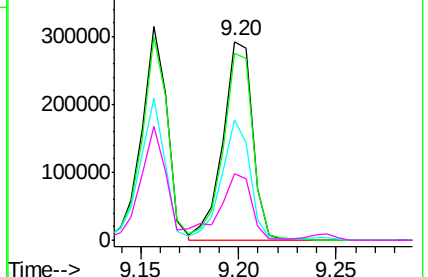
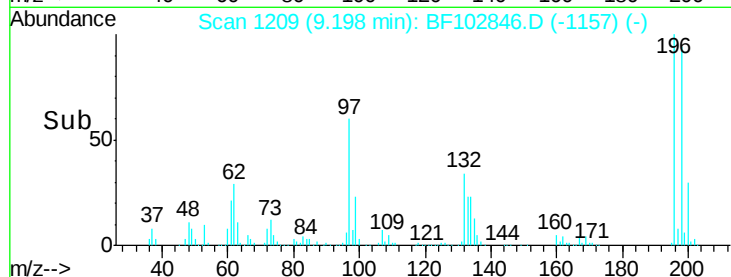
#43
 2,4,5-Trichlorophenol
 Concen: 43.474 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 308645
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.6 112.0
 97 60.6 42.9 64.3
 132 33.5 26.3 39.5

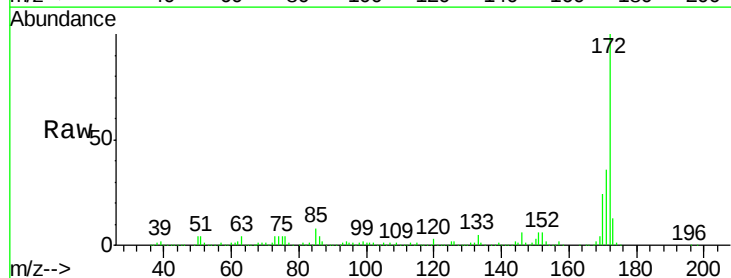


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

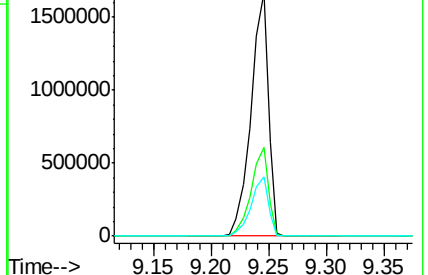
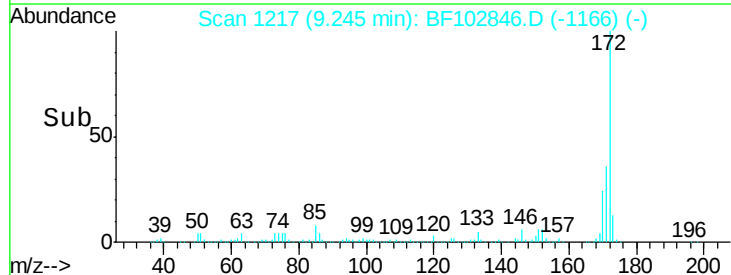


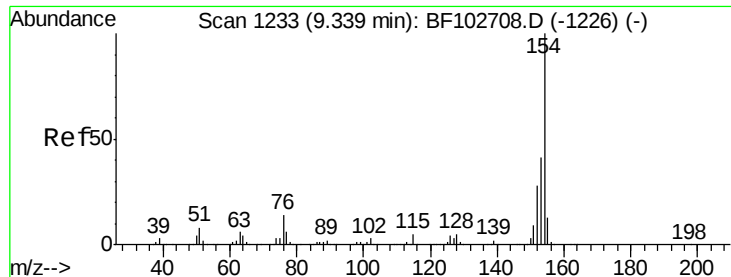
#44
 2-Fluorobiphenyl
 Concen: 82.078 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion:172 Resp: 1742146
 Ion Ratio Lower Upper
 172 100
 171 36.4 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



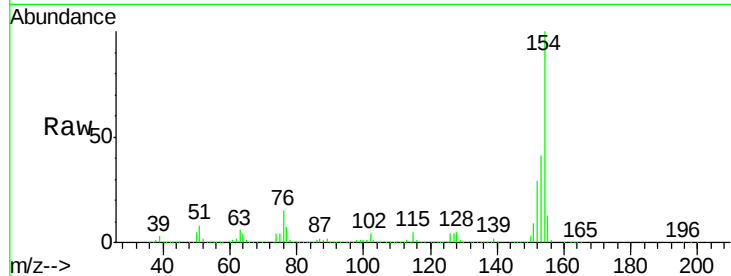


#45
 1,1'-Biphenyl
 Concen: 38.887 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

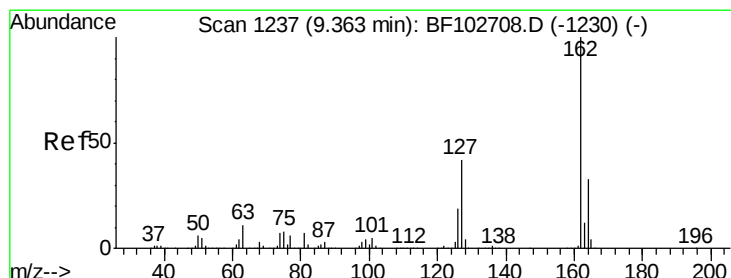
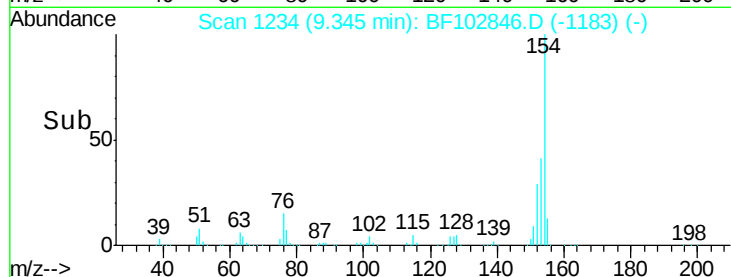
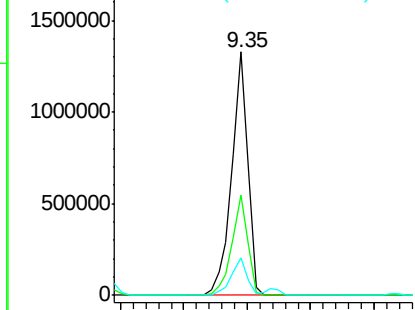
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1153610

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	15.3	0.0	34.0



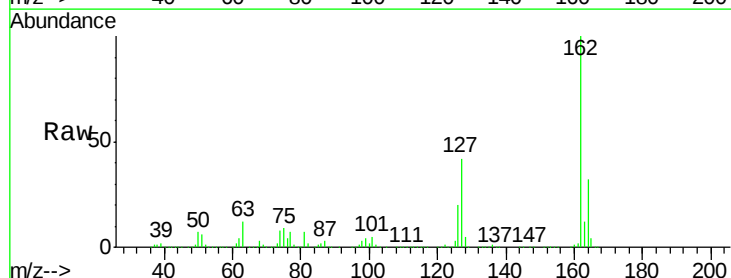
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



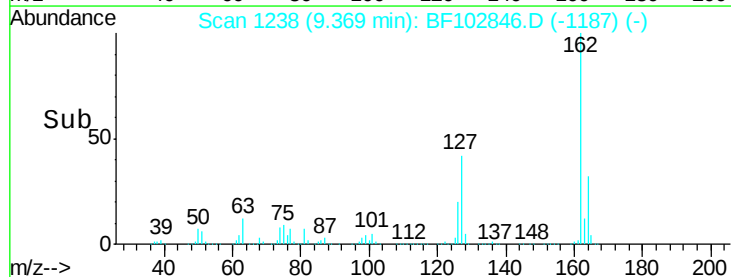
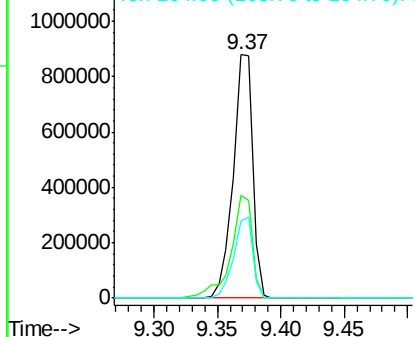
#46
 2-Chloronaphthalene
 Concen: 39.659 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

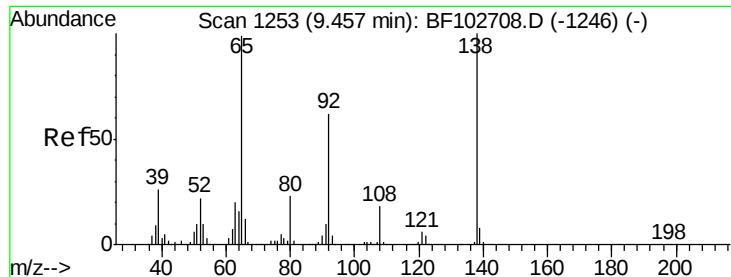
Tgt Ion:162 Resp: 926230

Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.9	50.9
164	31.8	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

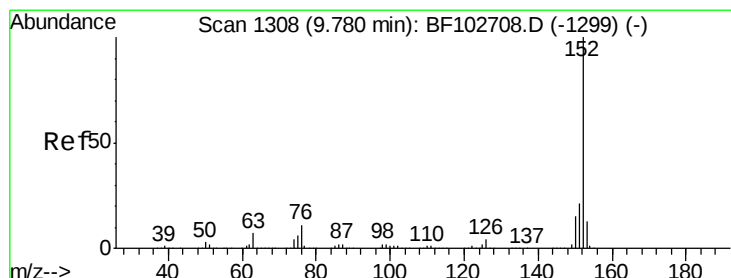
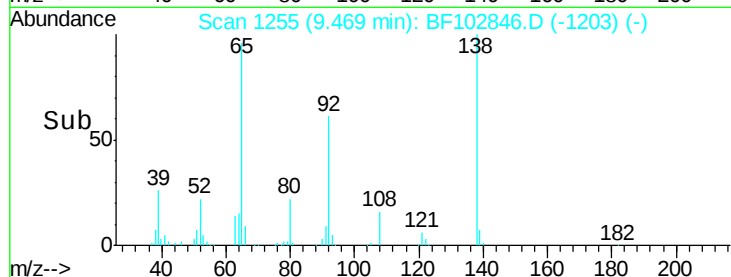
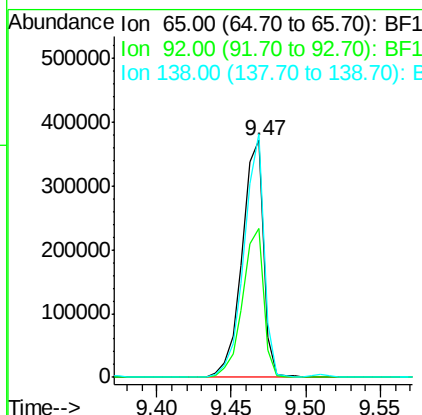
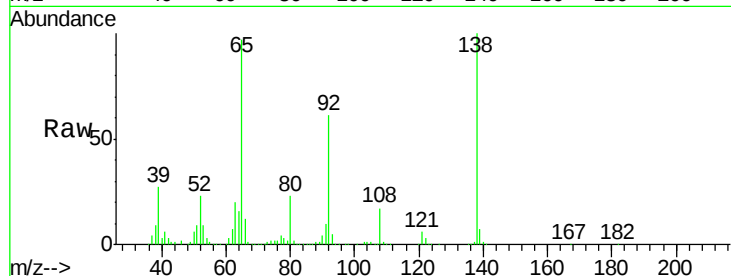




#47
2-Nitroaniline
Concen: 51.599 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

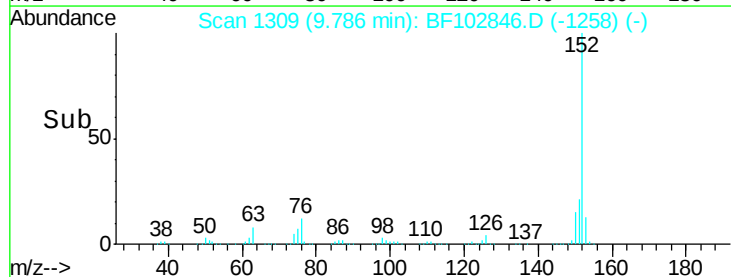
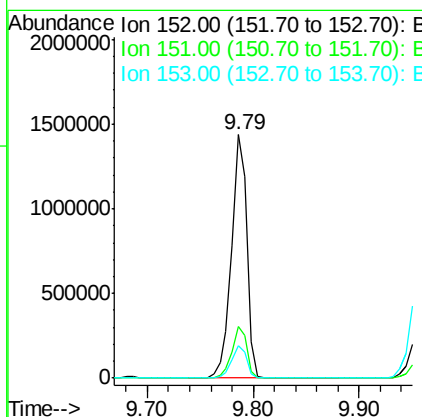
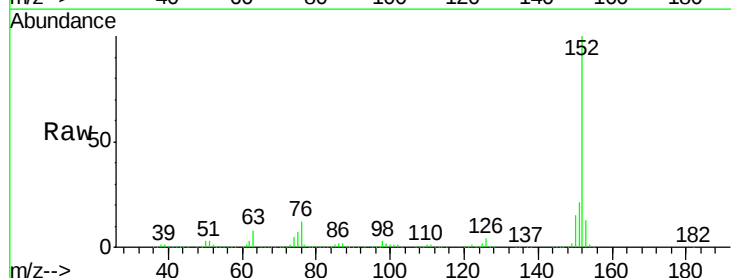
Instrument :
BNA_F
ClientSampled :

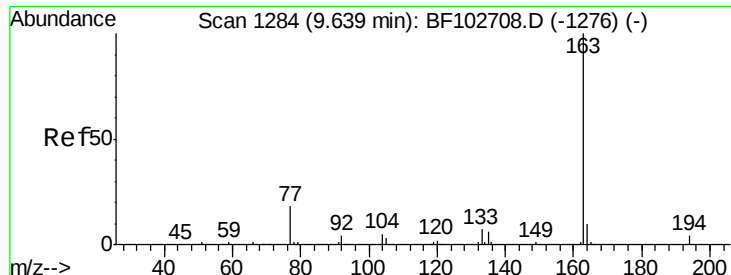
Tot Ion: 65 Resp: 373881
Ion Ratio Lower Upper
65 100
92 62.8 55.8 83.6
138 102.9 91.2 136.8



#48
Acenaphthylene
Concen: 39.219 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion: 152 Resp: 1422611
Ion Ratio Lower Upper
152 100
151 21.2 16.3 24.5
153 13.4 10.7 16.1

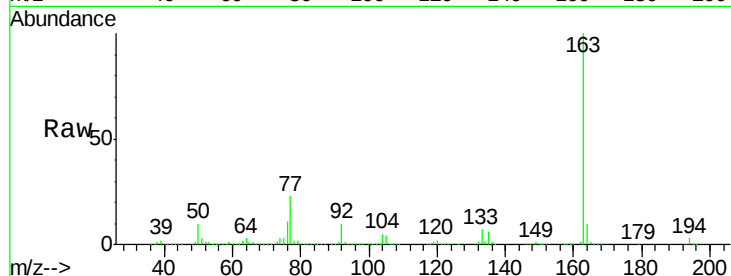




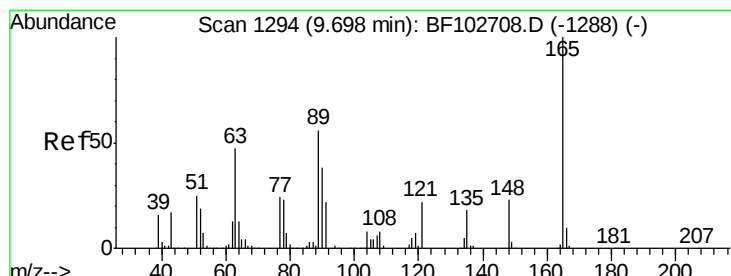
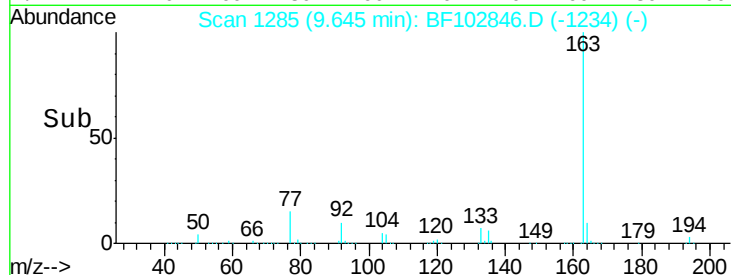
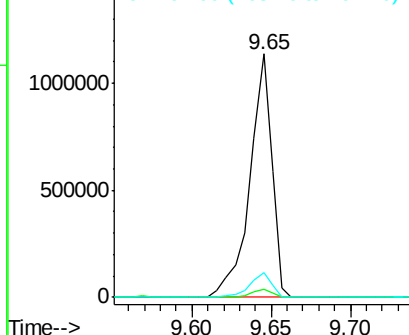
#49
Dimethylphthalate
Concen: 39.707 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1090452
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.2 12.2

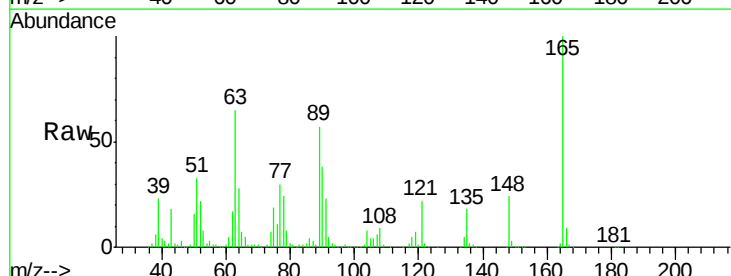


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

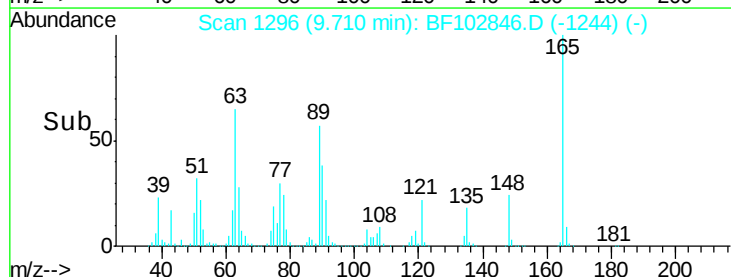
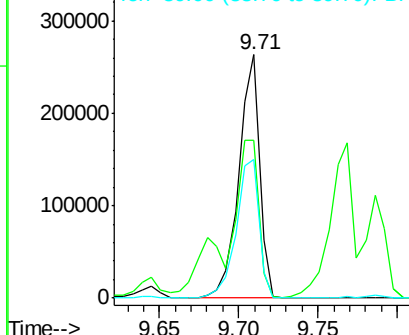


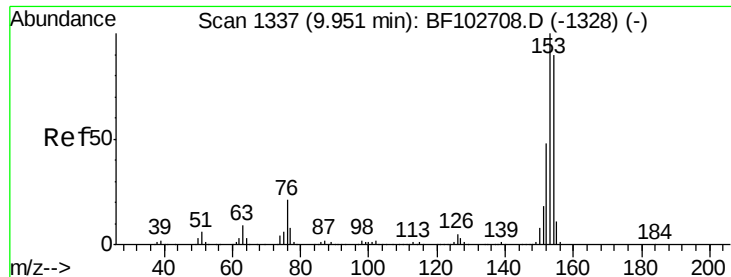
#50
2,6-Dinitrotoluene
Concen: 45.874 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion:165 Resp: 239680
Ion Ratio Lower Upper
165 100
63 64.9 44.7 67.1
89 57.1 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: 38.694 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

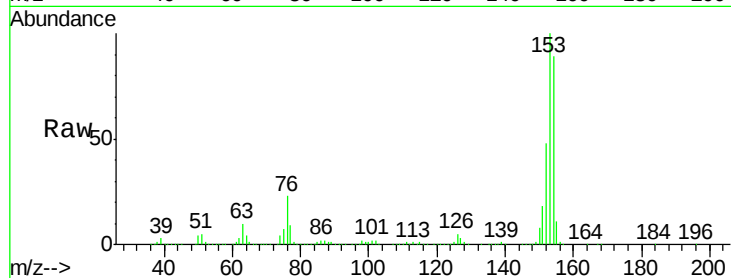
Tot Ion:154 Resp: 839376

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

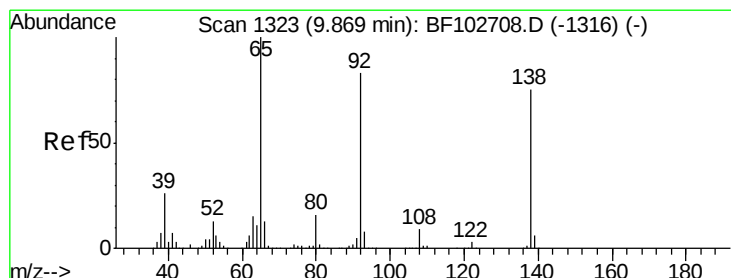
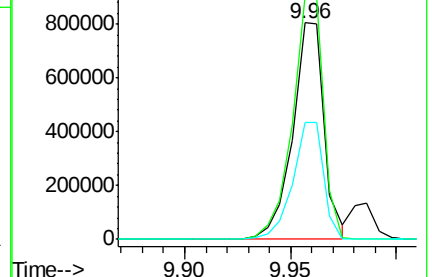
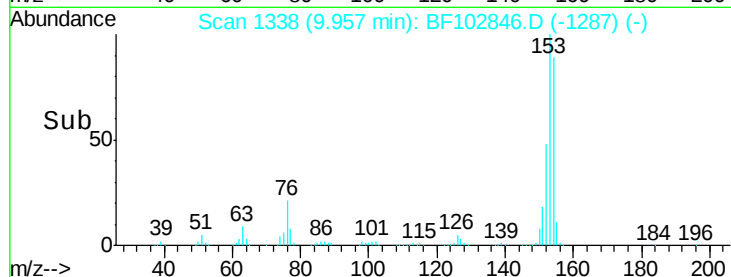
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.054 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

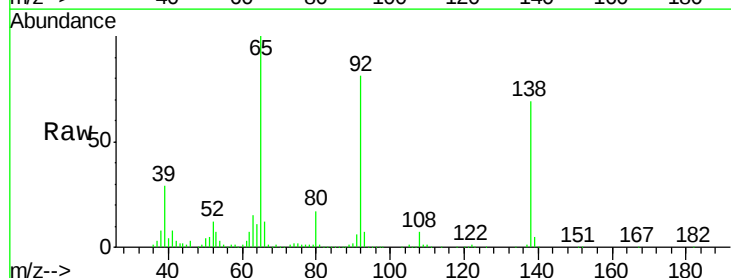
Tgt Ion:138 Resp: 161069

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

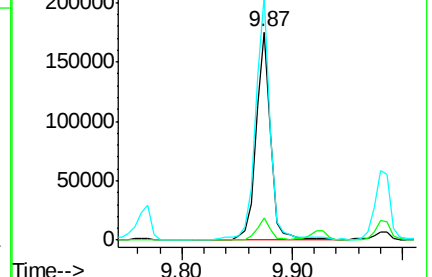
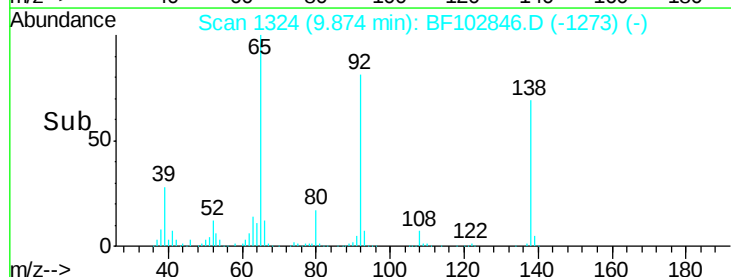
92 116.9 89.4 134.2

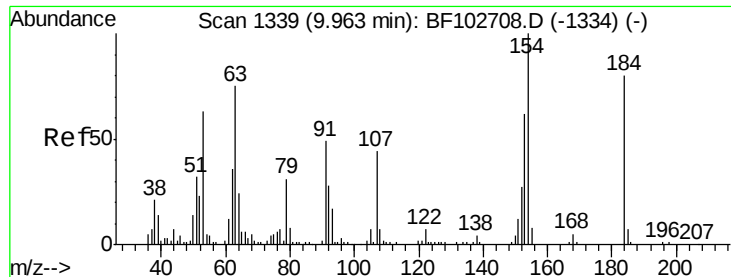


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

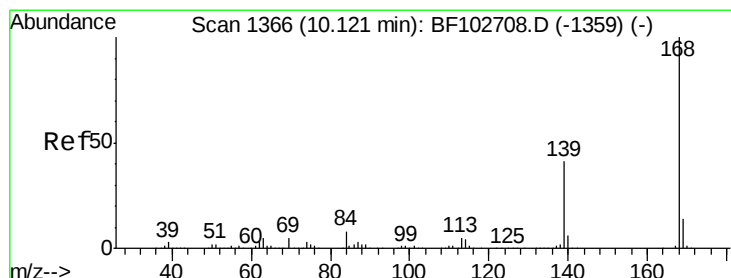
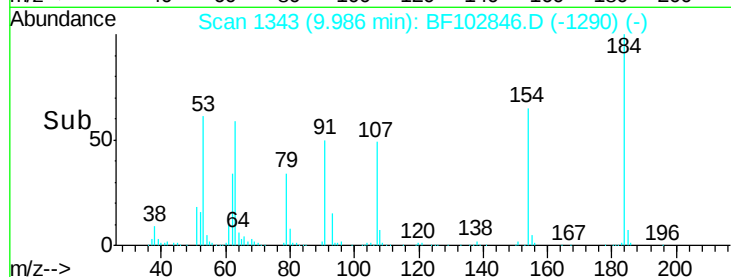
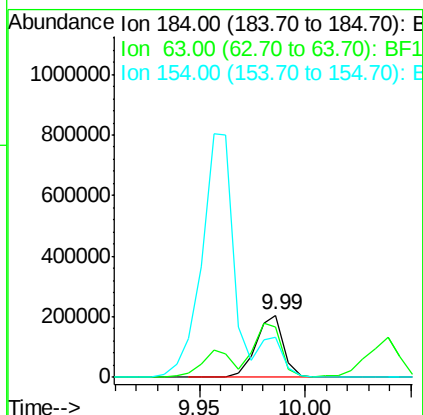
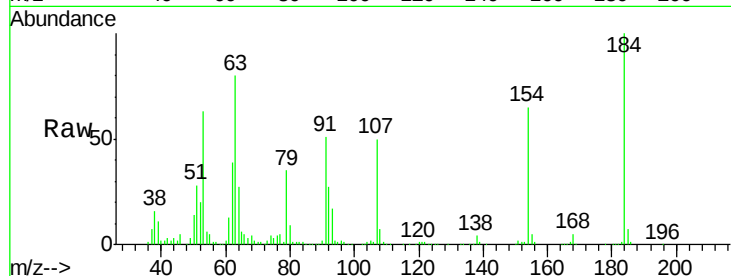




#53
 2,4-Dinitrophenol
 Concen: 94.105 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

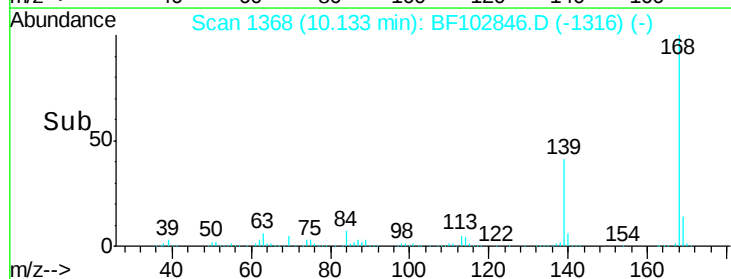
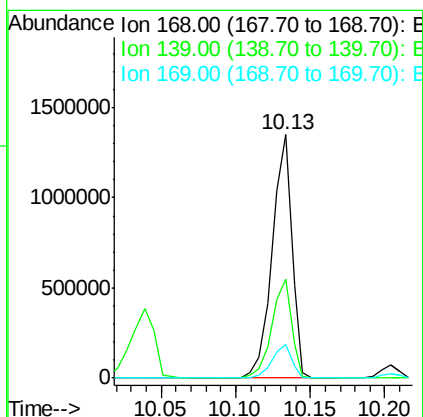
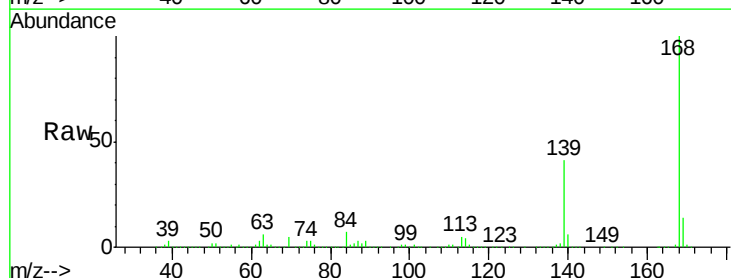
Instrument :
 BNA_F
 ClientSampled :

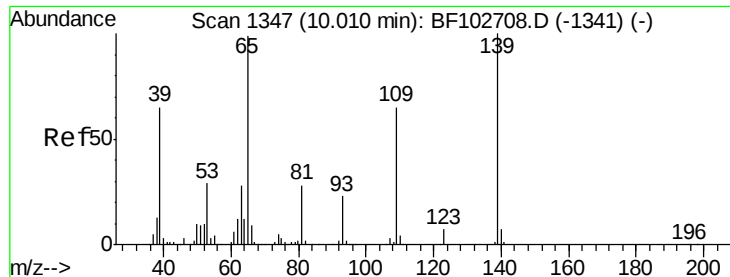
Tot Ion:184 Resp: 185974
 Ion Ratio Lower Upper
 184 100
 63 80.3 54.2 81.2
 154 64.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.495 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion:168 Resp: 1237970
 Ion Ratio Lower Upper
 168 100
 139 40.8 30.1 45.1
 169 13.6 10.9 16.3

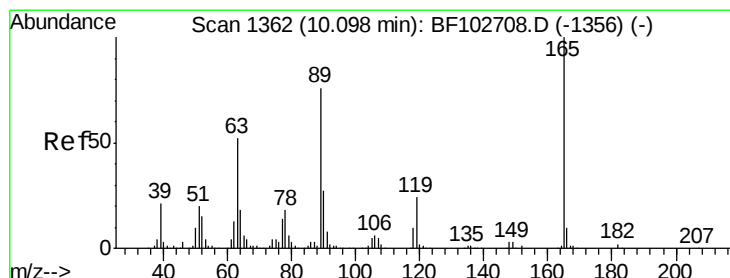
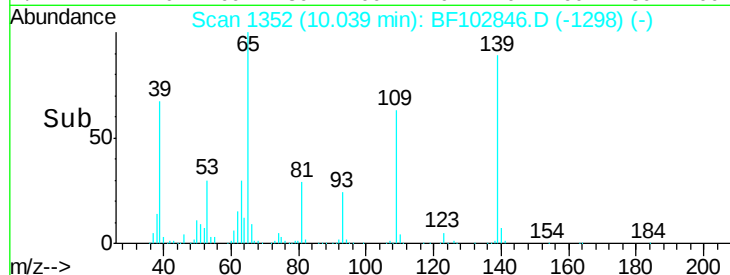
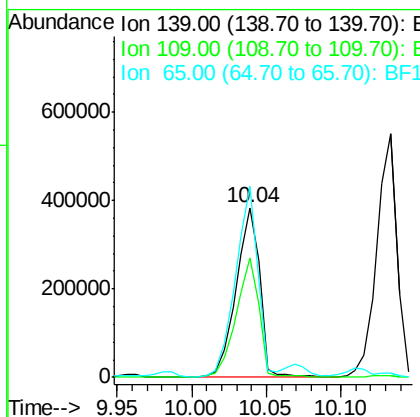
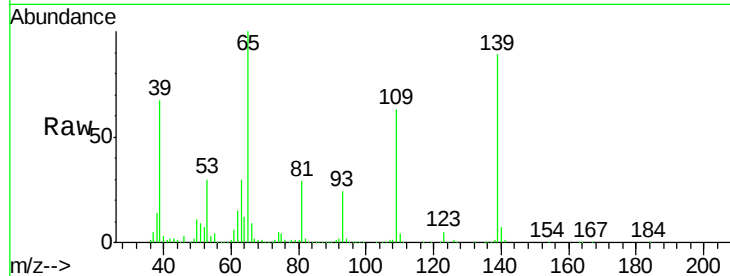




#55
4-Nitrophenol
Concen: 80.282 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

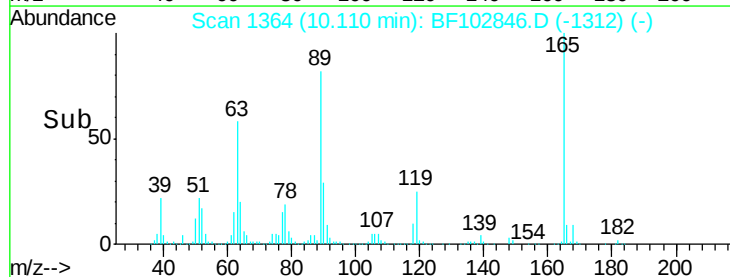
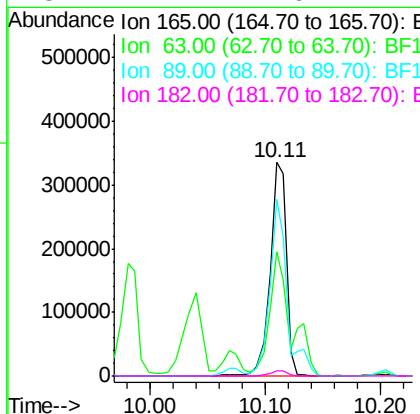
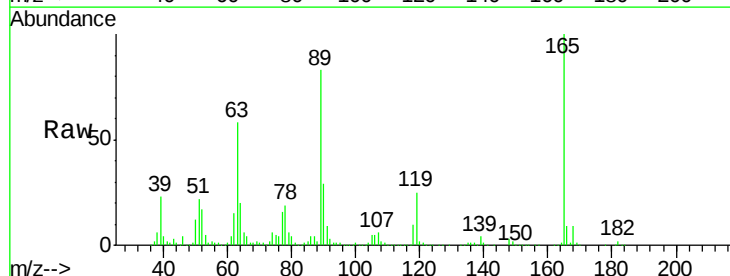
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 424214
Ion Ratio Lower Upper
139 100
109 70.6 48.4 88.4
65 112.9 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 47.386 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion:165 Resp: 331751
Ion Ratio Lower Upper
165 100
63 58.2 36.4 54.6#
89 82.5 57.8 86.6
182 2.1 1.6 2.4

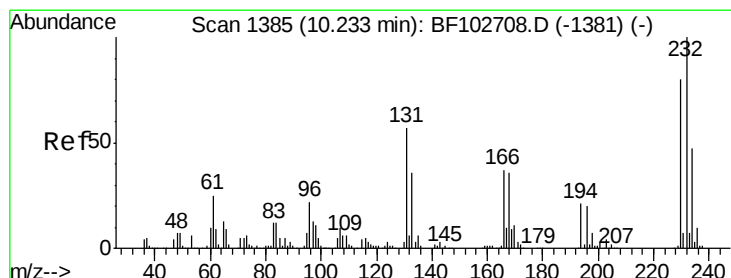
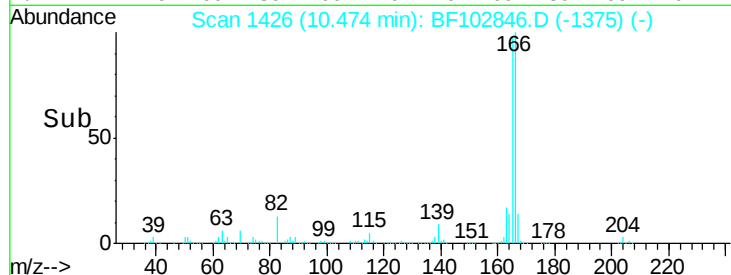
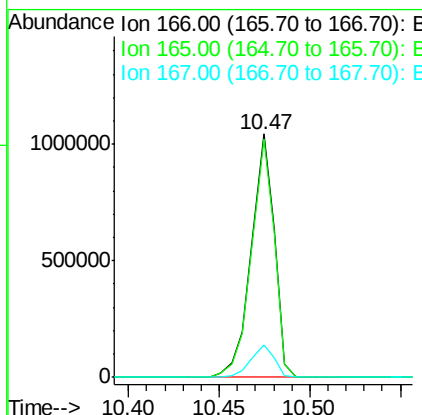
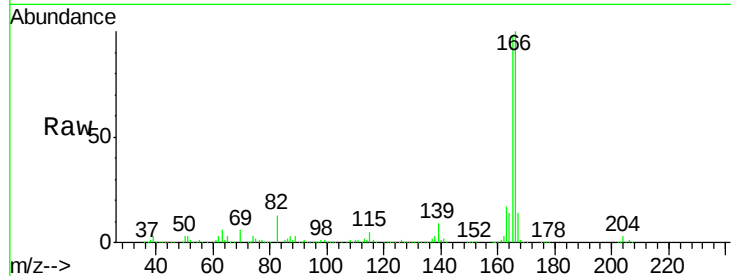




#57
 Fluorene
 Concen: 41.532 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

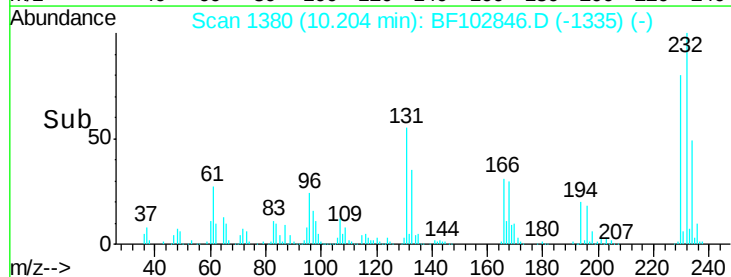
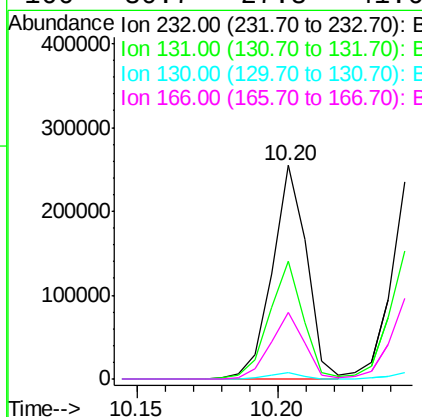
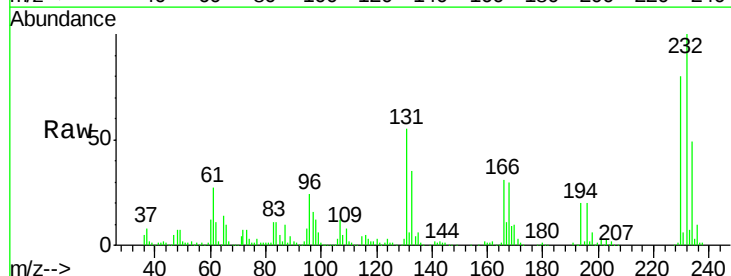
Instrument :
 BNA_F
 ClientSampled :

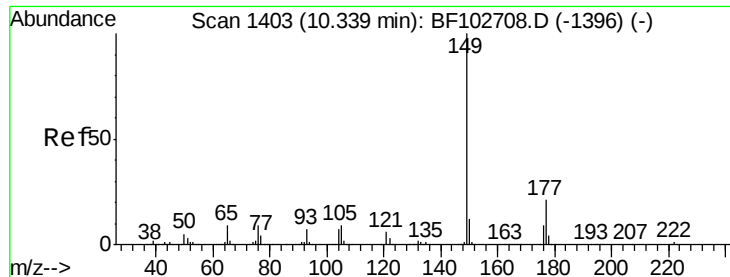
Tot Ion:166 Resp: 923800
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.636 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.04 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion:232 Resp: 214715
 Ion Ratio Lower Upper
 232 100
 131 54.8 43.8 65.8
 130 2.9 2.1 3.1
 166 30.7 27.8 41.6

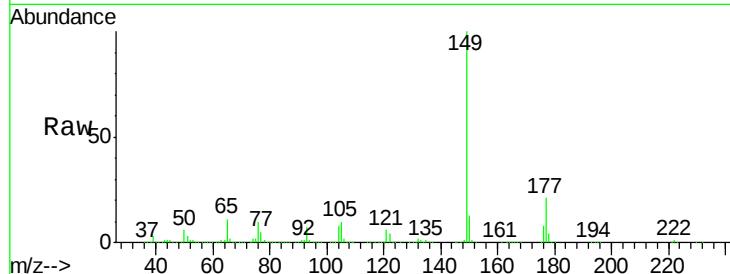




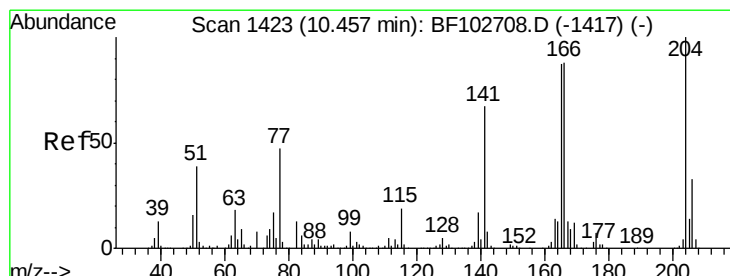
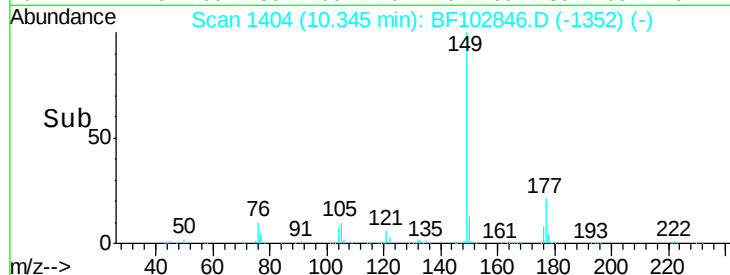
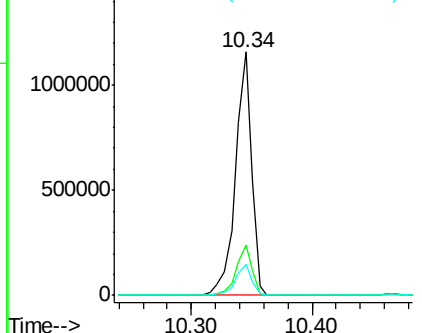
#59
Diethylphthalate
Concen: 39.881 ng
RT: 10.34 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1081428
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.8 10.1 15.1

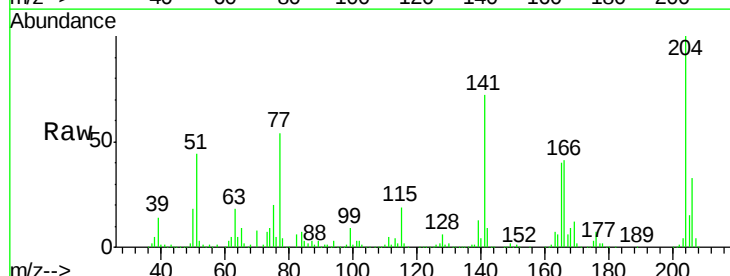


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

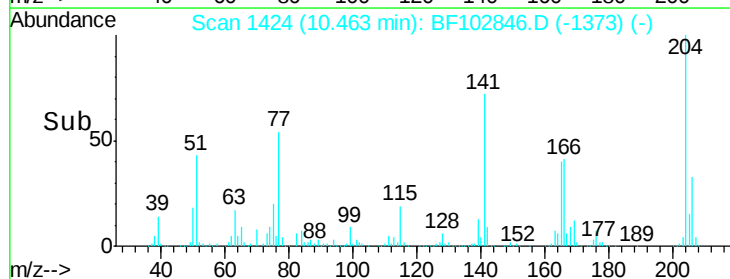
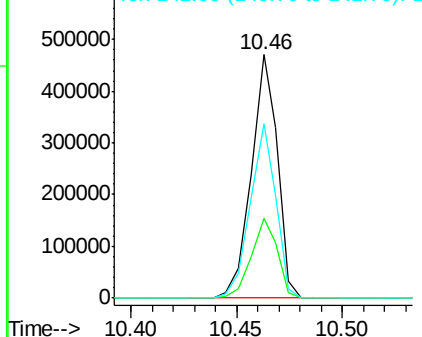


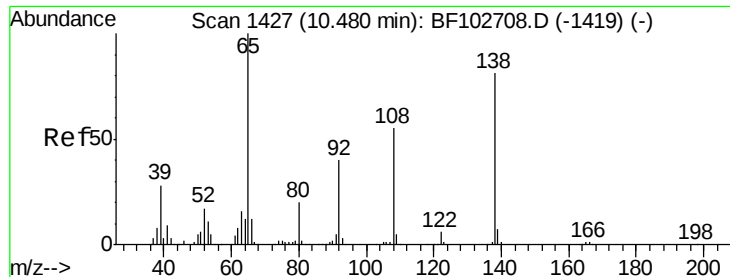
#60
4-Chlorophenyl-phenylether
Concen: 40.925 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion:204 Resp: 402685
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 71.6 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

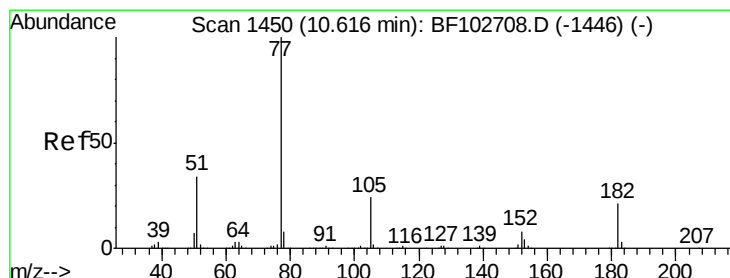
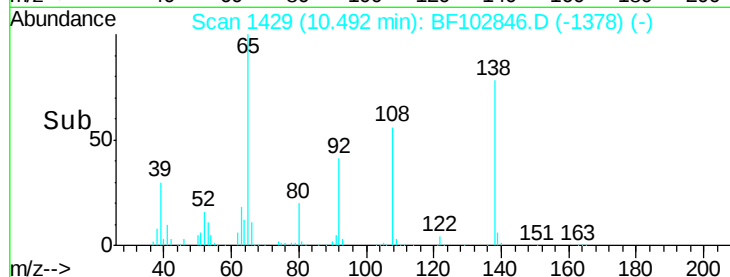
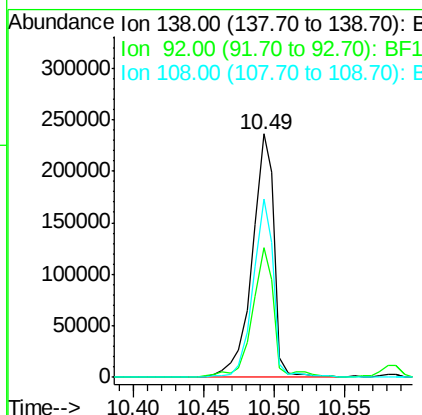
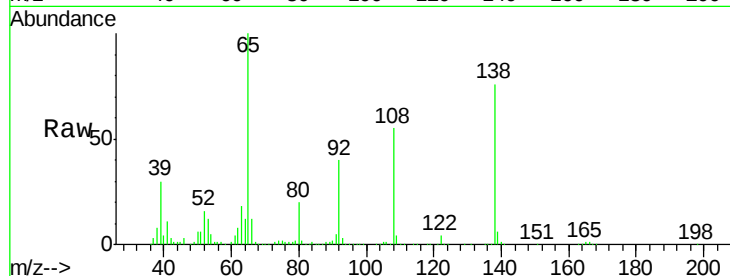




#61
4-Nitroaniline
Concen: 42.339 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

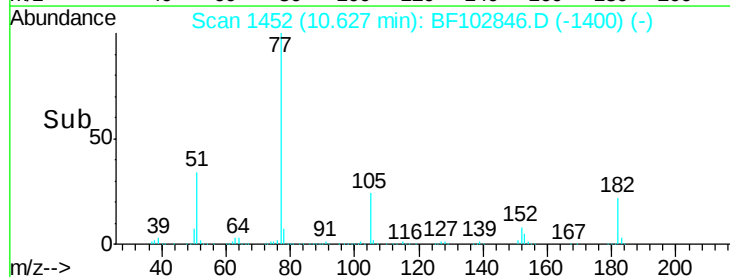
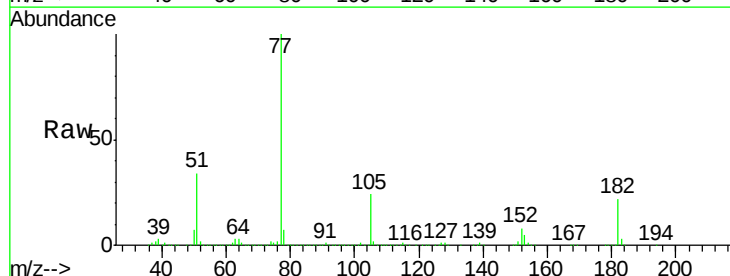
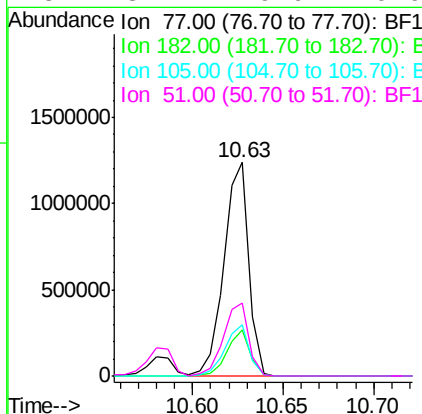
Instrument :
BNA_F
ClientSampleId :

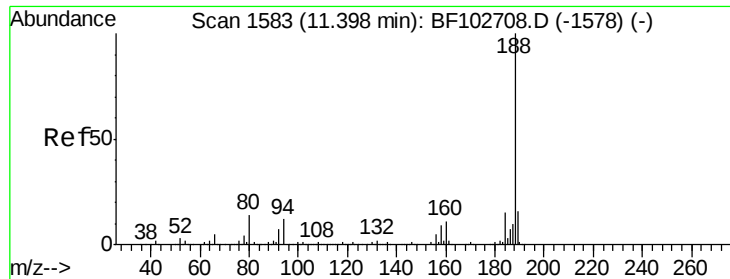
Tot Ion:138 Resp: 259083
Ion Ratio Lower Upper
138 100
92 53.2 30.2 70.2
108 73.1 52.5 92.5



#62
Azobenzene
Concen: 43.393 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion: 77 Resp: 1175496
Ion Ratio Lower Upper
77 100
182 21.6 1.7 41.7
105 24.2 3.0 43.0
51 34.2 9.9 49.9

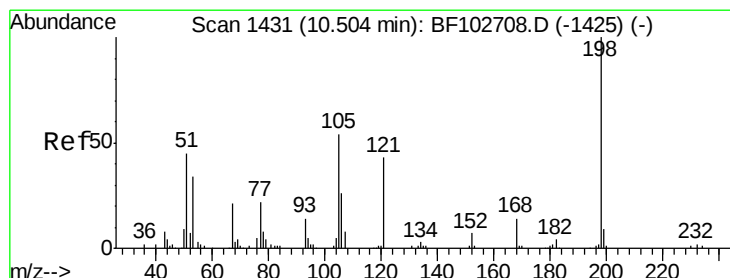
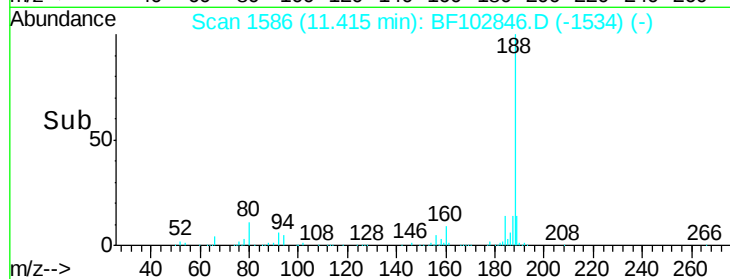
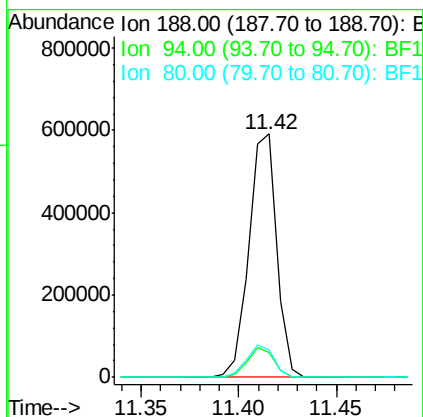
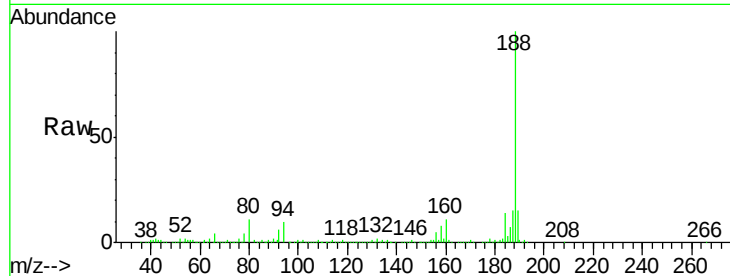




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

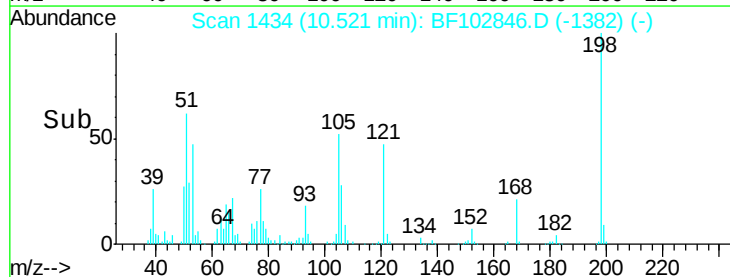
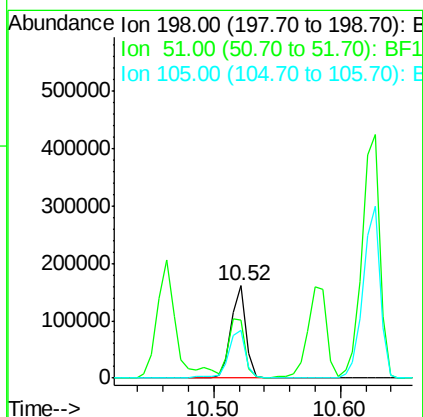
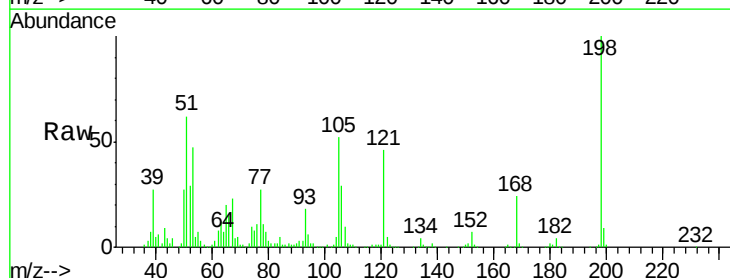
Instrument :
BNA_F
ClientSampleId :

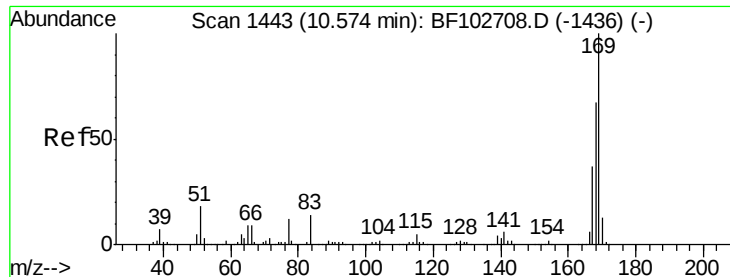
Tot Ion:188 Resp: 584861
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 51.586 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion:198 Resp: 128886
Ion Ratio Lower Upper
198 100
51 62.4 37.7 77.7
105 52.1 36.3 76.3

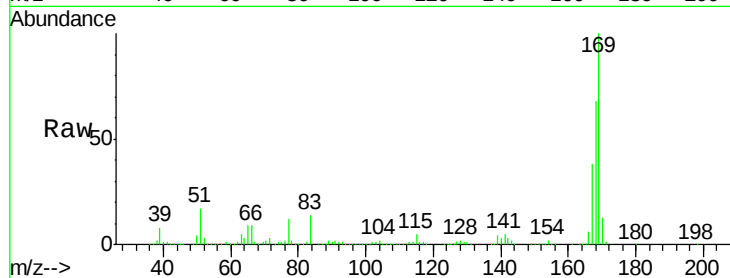




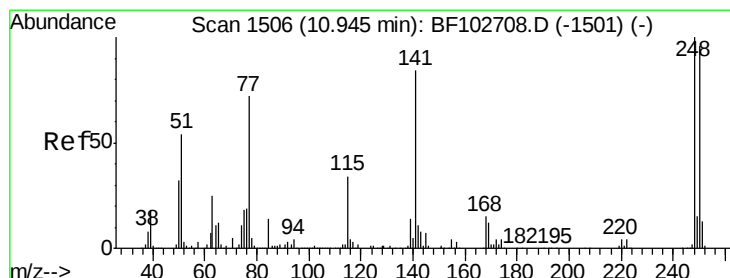
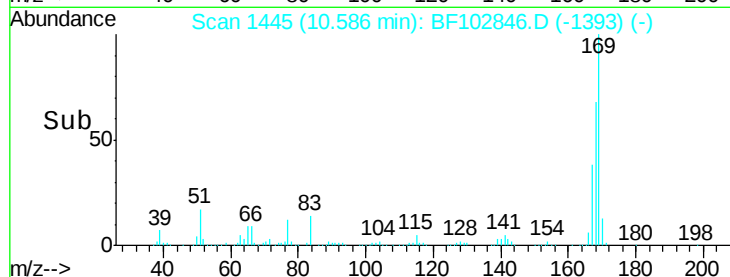
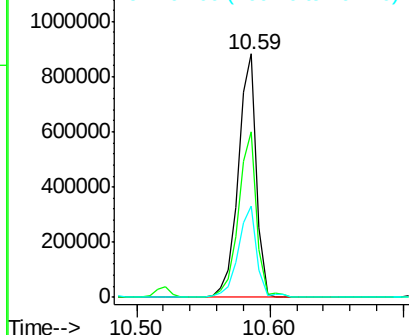
#65
 n-Nitrosodiphenylamine
 Concen: 40.532 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 836173
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.4 81.6
 167 37.6 29.8 44.6

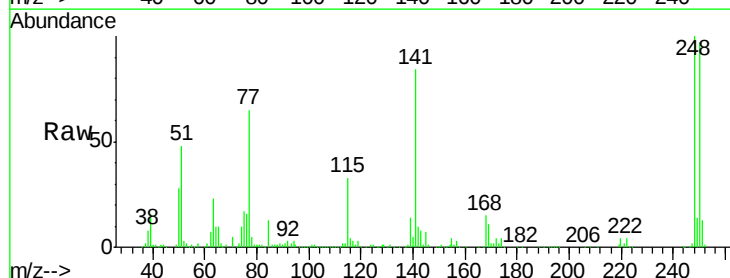


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

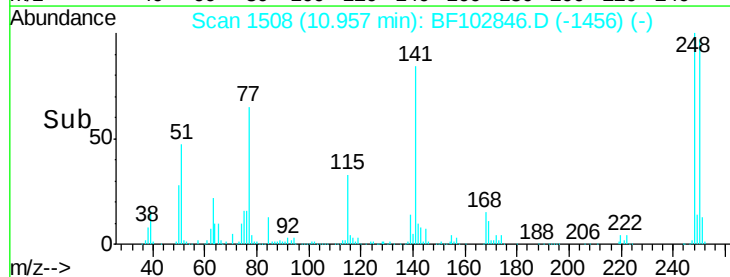
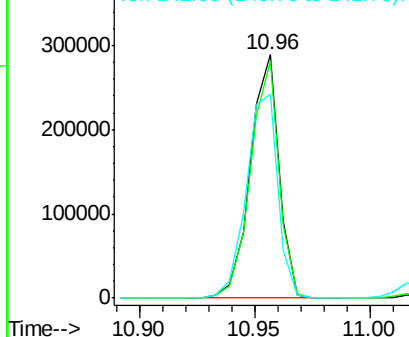


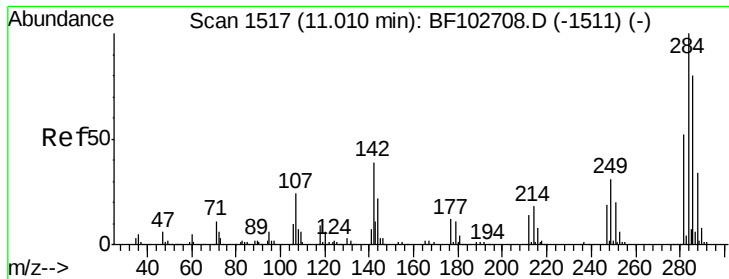
#66
 4-Bromophenyl-phenylether
 Concen: 40.644 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion:248 Resp: 251452
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.9 115.3
 141 83.8 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

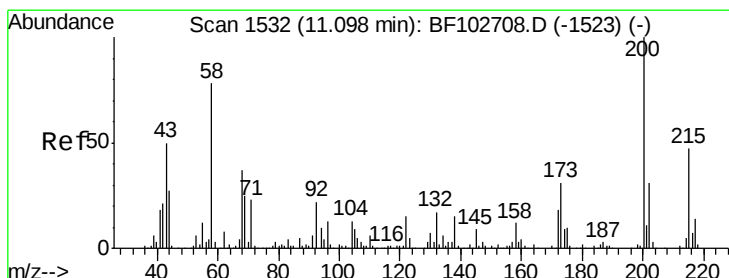
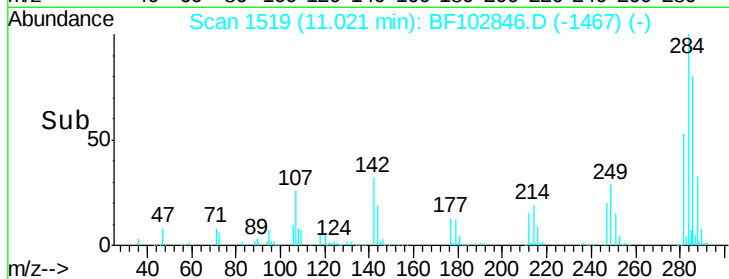
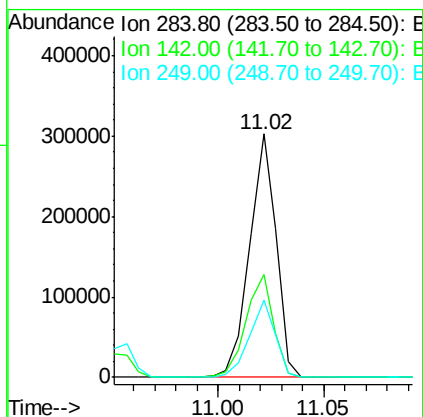
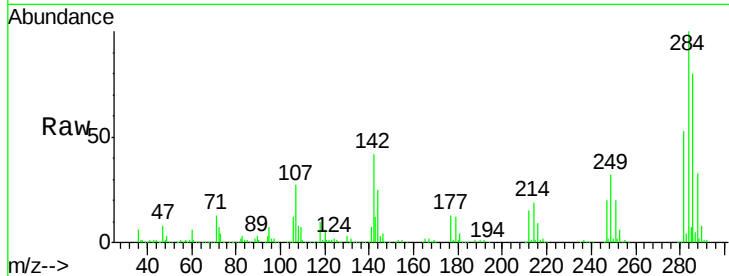




#67
Hexachlorobenzene
Concen: 38.877 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

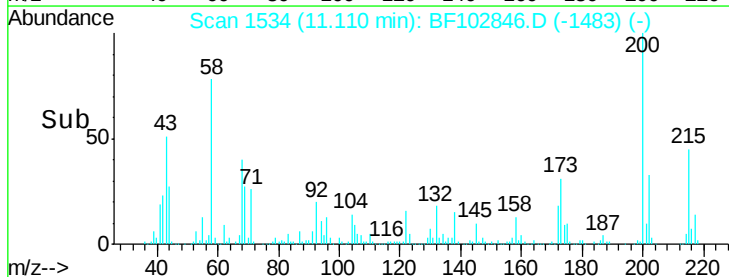
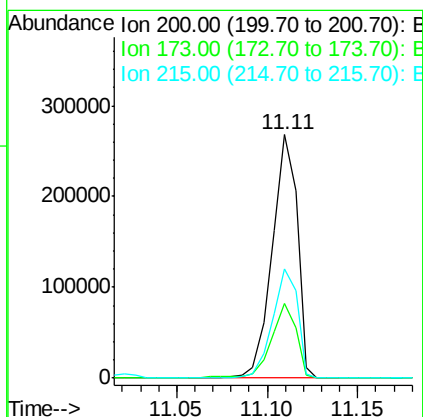
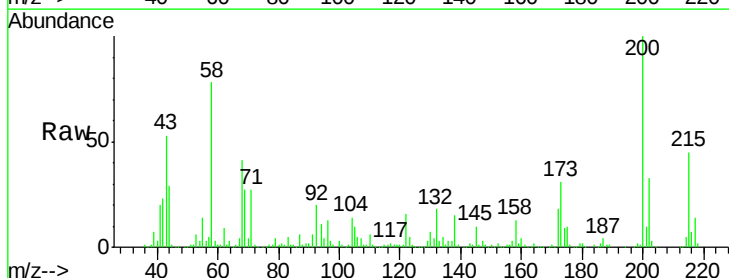
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 265340
Ion Ratio Lower Upper
284 100
142 42.0 34.6 52.0
249 31.6 24.8 37.2



#68
Atrazine
Concen: 42.297 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion:200 Resp: 257422
Ion Ratio Lower Upper
200 100
173 30.9 8.6 48.6
215 44.9 25.1 65.1

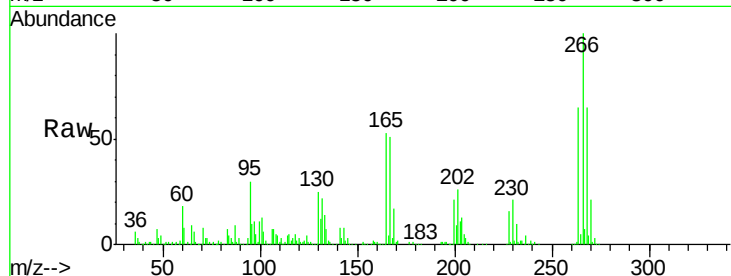




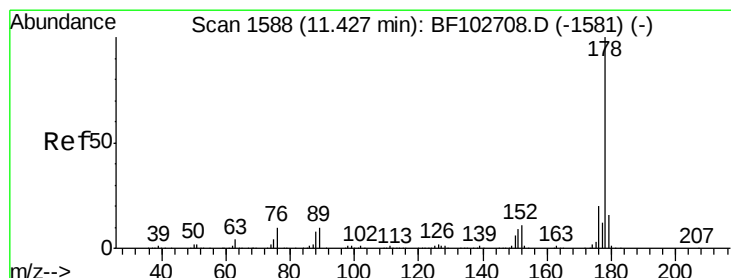
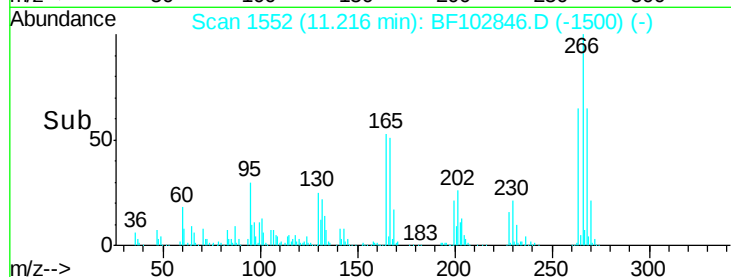
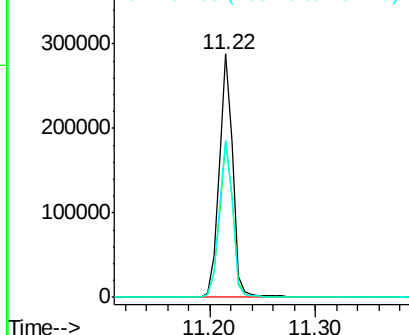
#69
 Pentachlorophenol
 Concen: 66.511 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 266474
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.1 76.7
 264 64.6 49.5 74.3

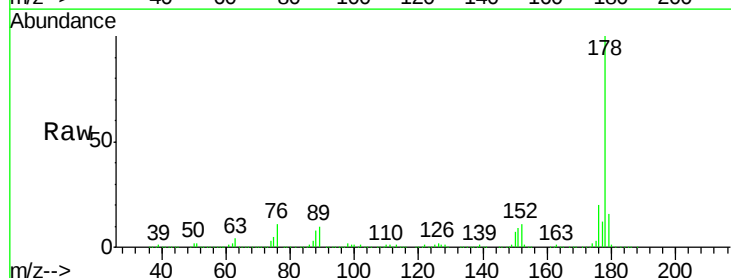


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

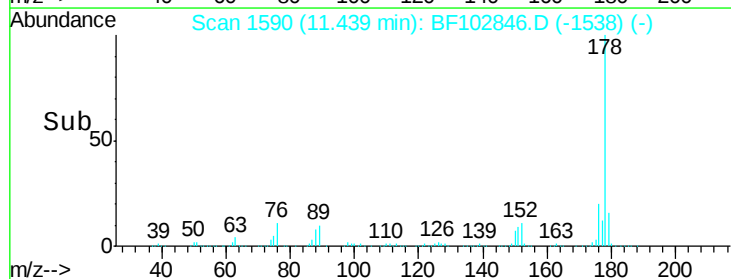
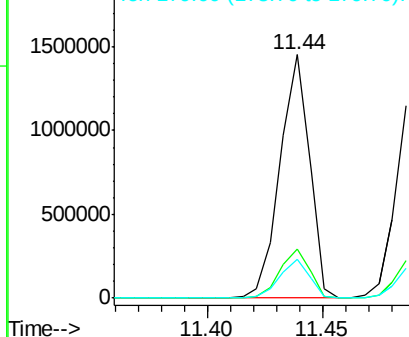


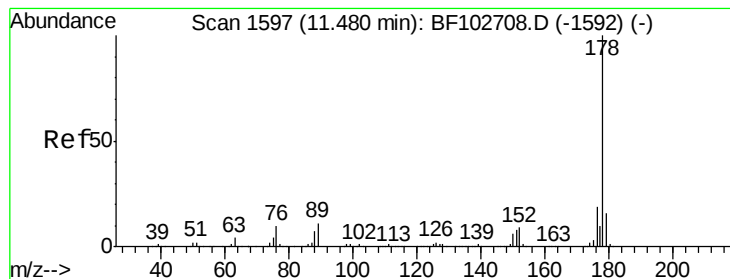
#70
 Phenanthrene
 Concen: 39.612 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion:178 Resp: 1290264
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 16.0 13.0 19.6



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





#71

Anthracene

Concen: 41.020 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

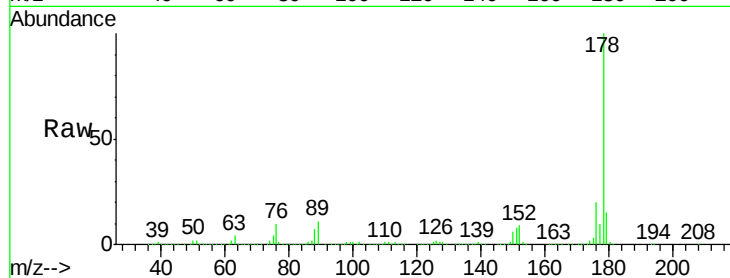
Tot Ion:178 Resp: 1358989

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.4	12.6	19.0

178 100

176 19.5 15.4 23.2

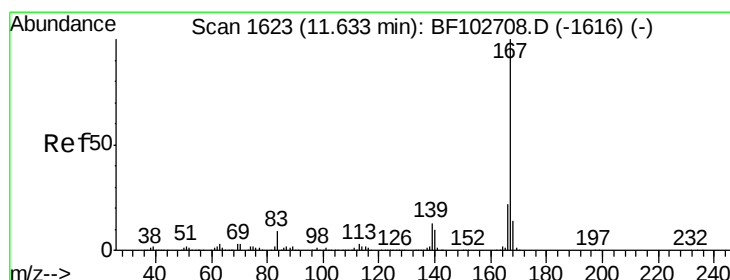
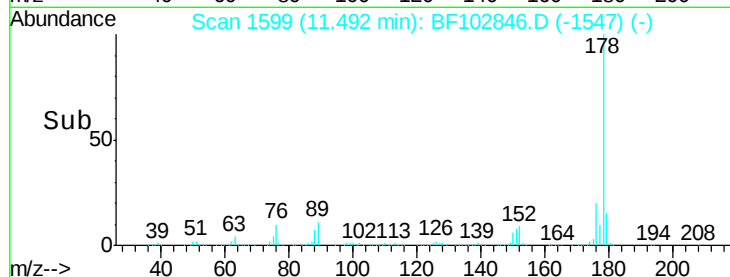
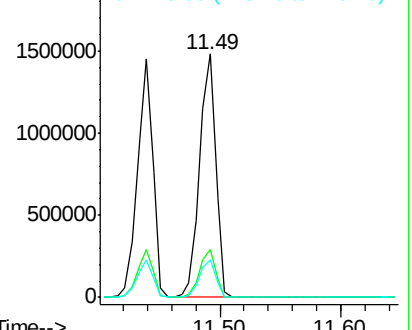
179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.953 ng

RT: 11.64 min Scan# 1625

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

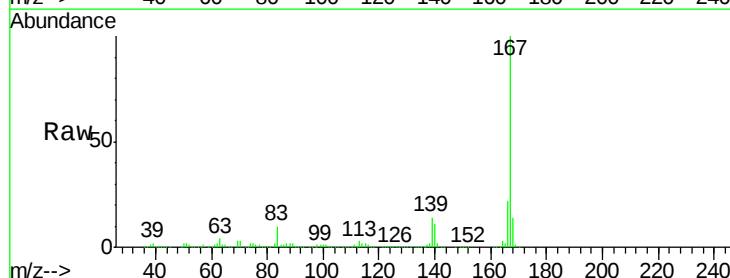
Tgt Ion:167 Resp: 1231820

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	14.0	10.9	16.3

167 100

166 22.4 17.6 26.4

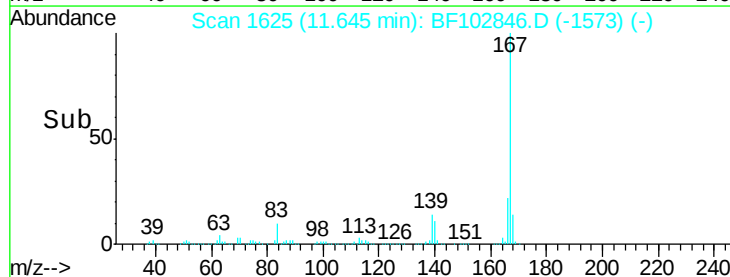
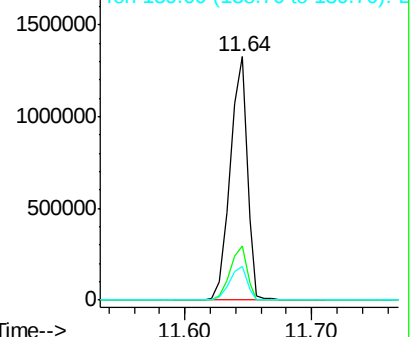
139 14.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.368 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

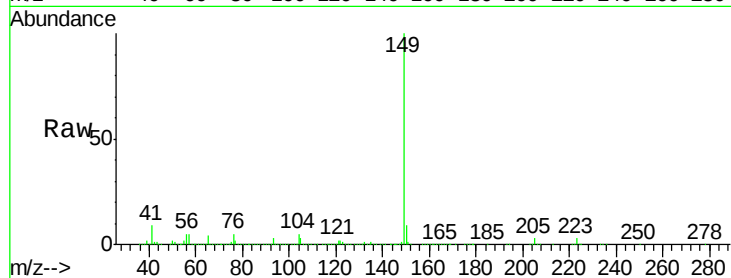
Tot Ion:149 Resp: 1631010

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

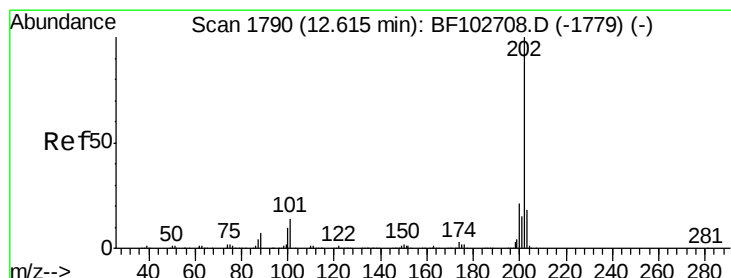
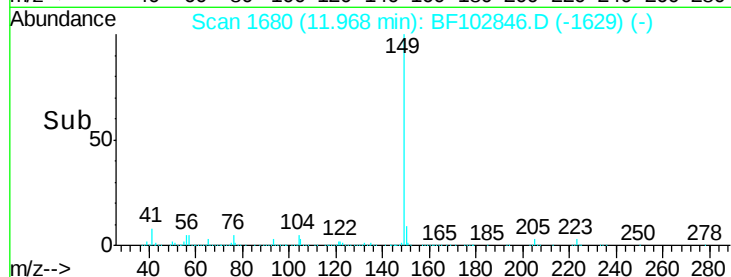
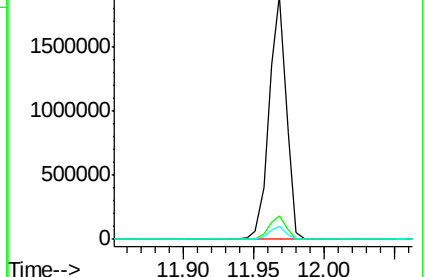
104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.997 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

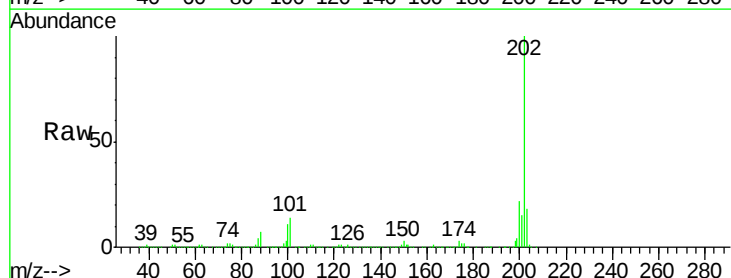
Tgt Ion:202 Resp: 1245253

Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.1

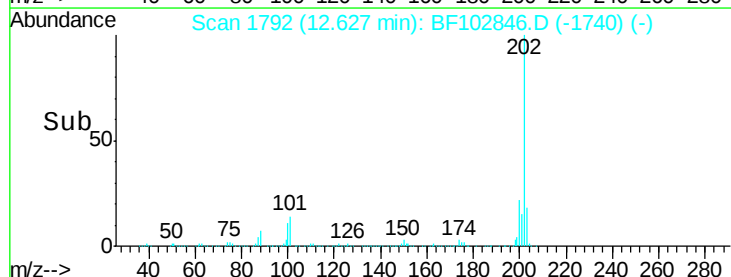
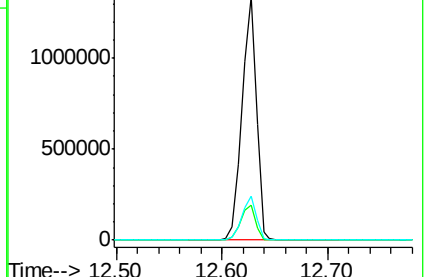
203 17.8 0.0 38.1

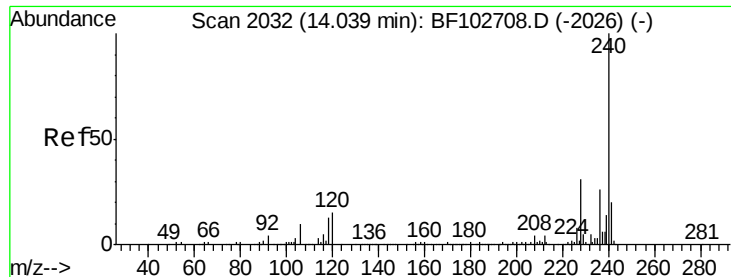


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

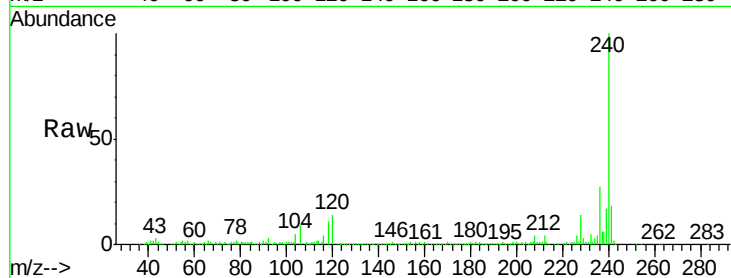
Tot Ion:240 Resp: 334770

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

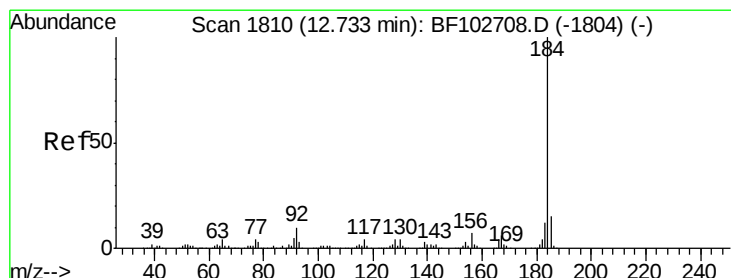
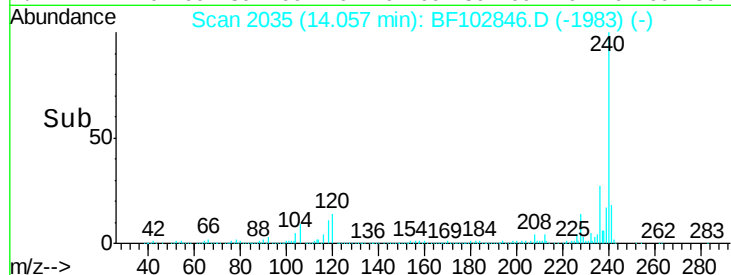
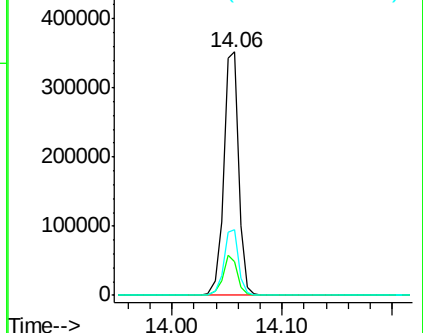
236 27.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 12.899 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

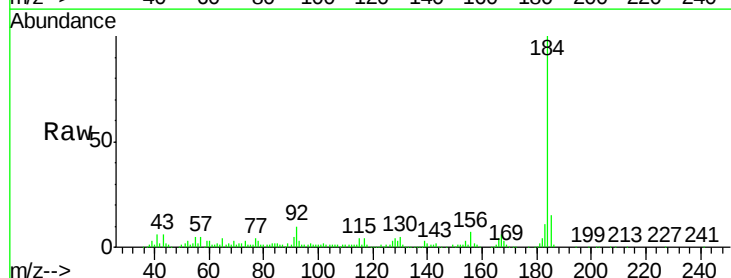
Tgt Ion:184 Resp: 198459

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

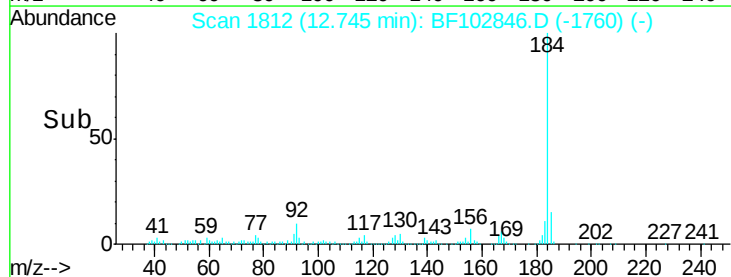
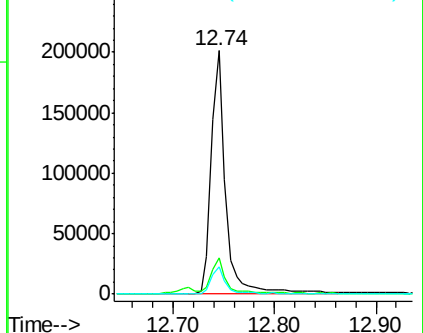
183 11.3 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

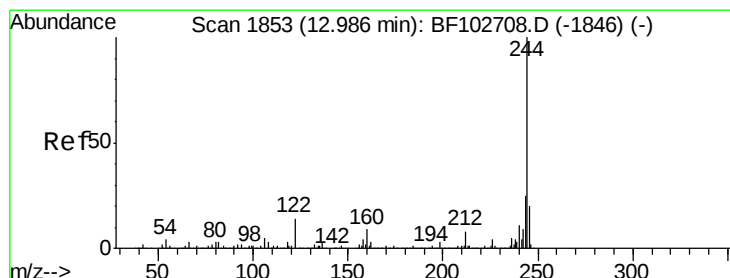
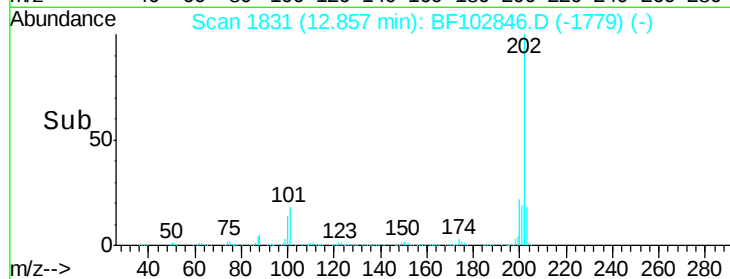
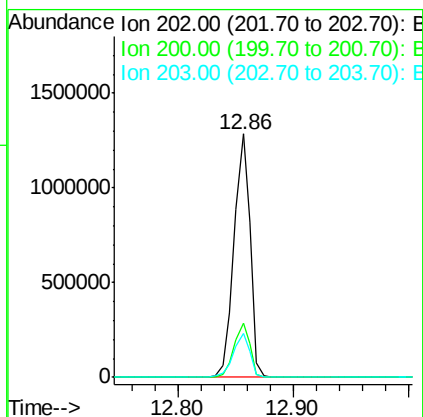
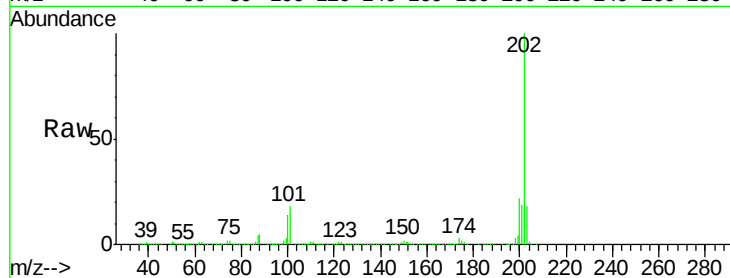




#77
Pvrene
Concen: 47.189 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

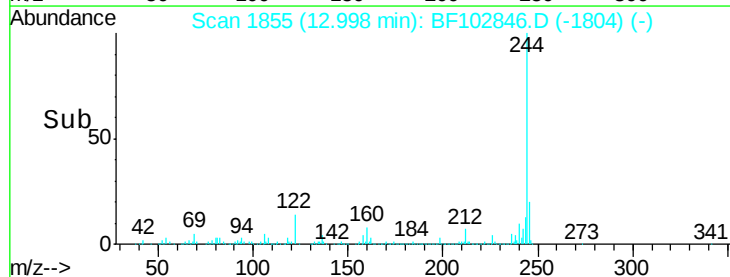
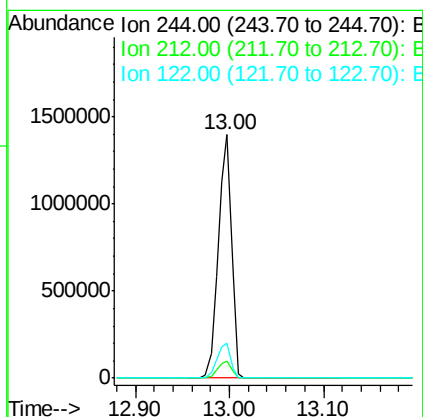
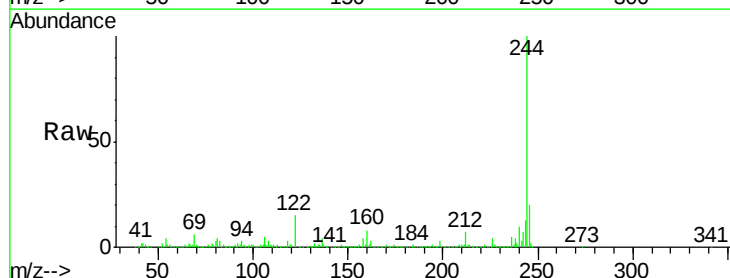
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1238759
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 97.803 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion:244 Resp: 1382795
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 14.5 11.0 16.4

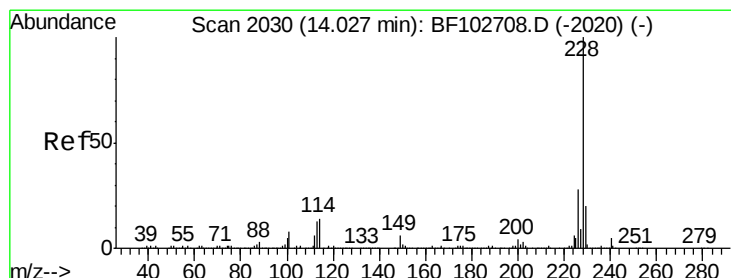
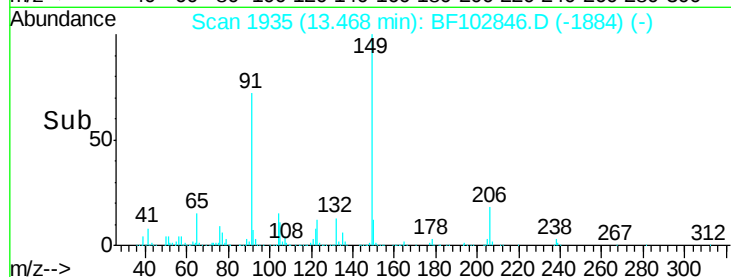
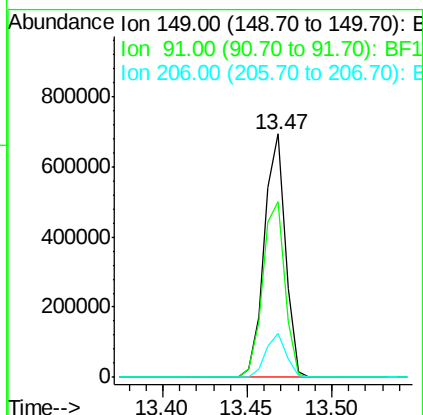
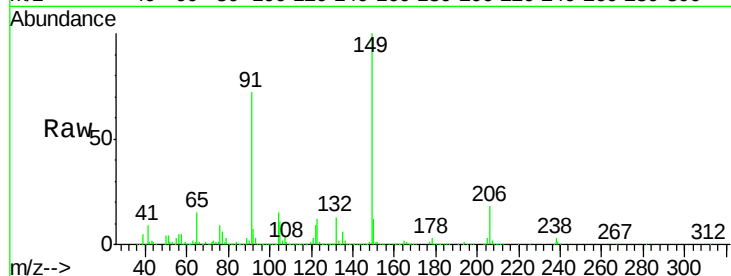




#79
Butylbenzylphthalate
Concen: 47.887 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

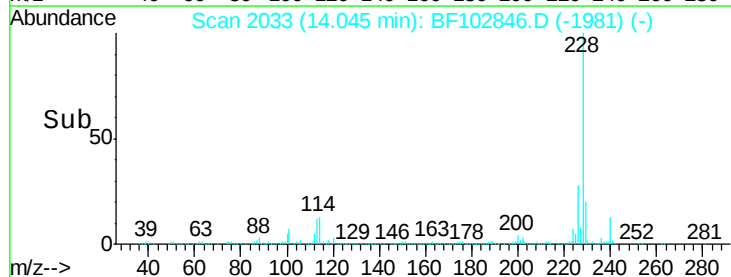
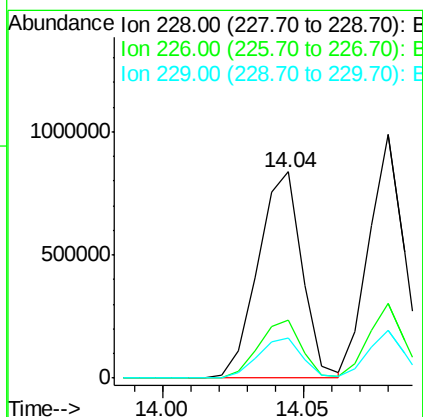
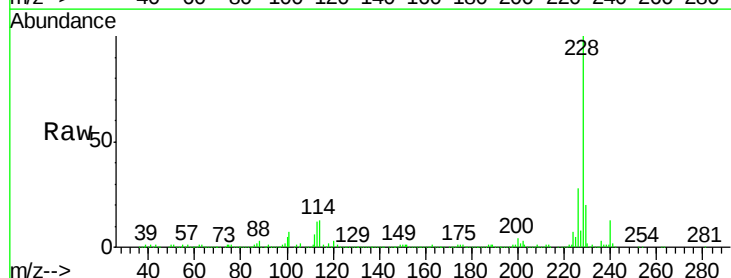
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 601278
Ion Ratio Lower Upper
149 100
91 72.4 56.8 85.2
206 18.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 43.250 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102846.D
Acq: 8 Feb 2018 10:47

Tgt Ion:228 Resp: 910585
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.7 15.8 23.6

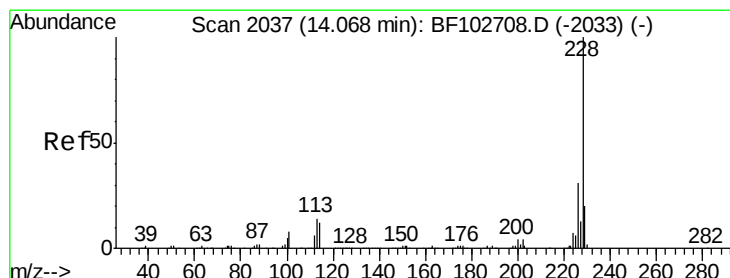
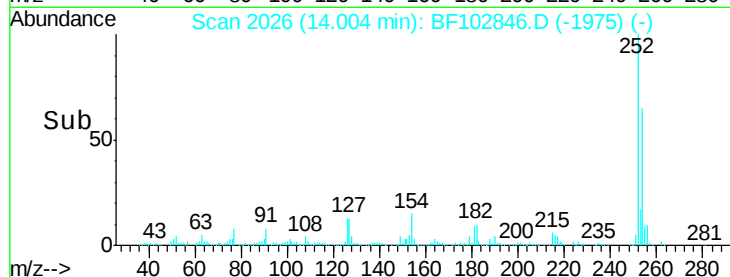
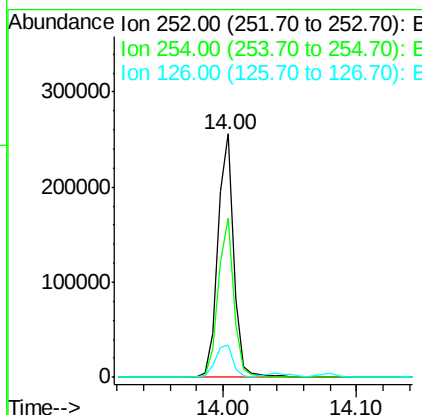
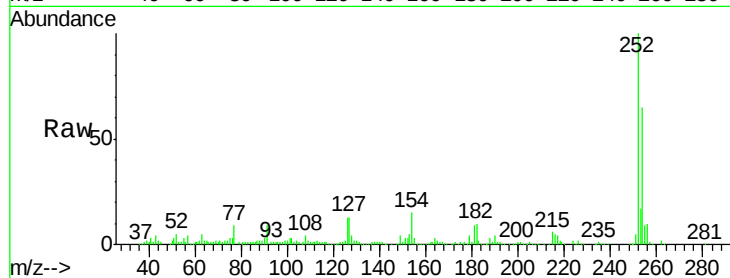




#81
 3,3'-Dichlorobenzidine
 Concen: 27.705 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

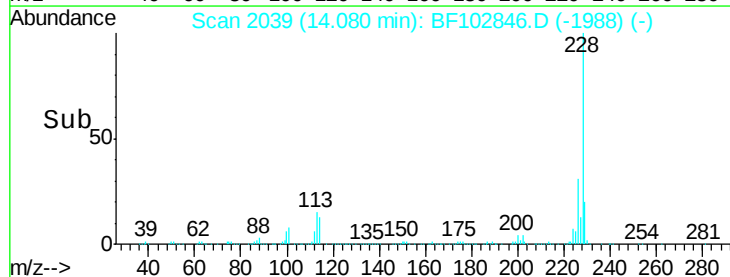
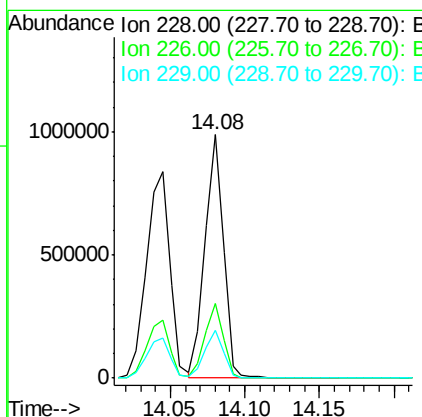
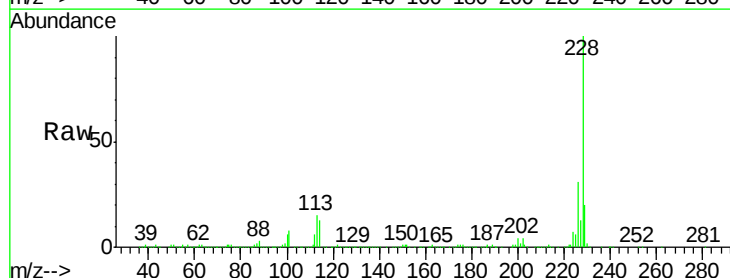
Instrument :
 BNA_F
 ClientSampleId :

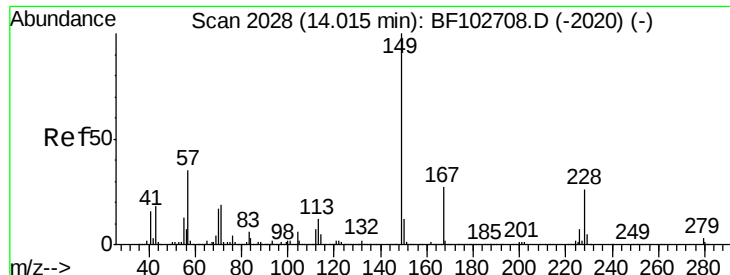
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.4	75.6
126	13.3	11.3	16.9



#82
 Chrysene
 Concen: 39.592 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.871 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

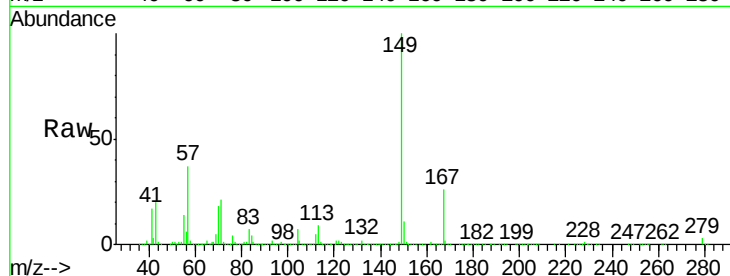
Tot Ion:149 Resp: 769823

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

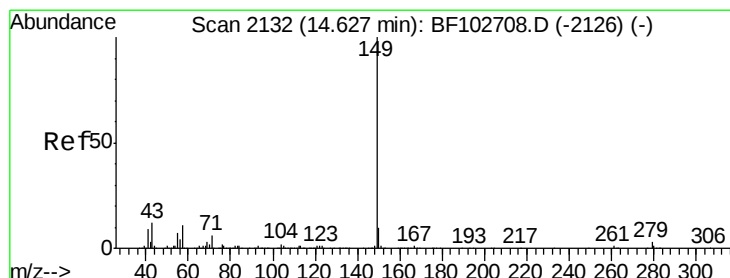
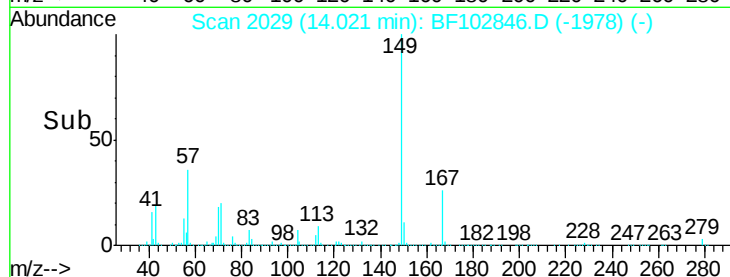
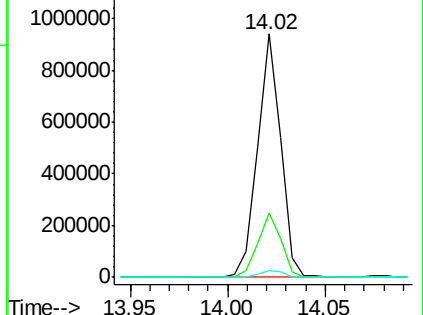
279 2.7 3.0 4.4#



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: 46.975 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

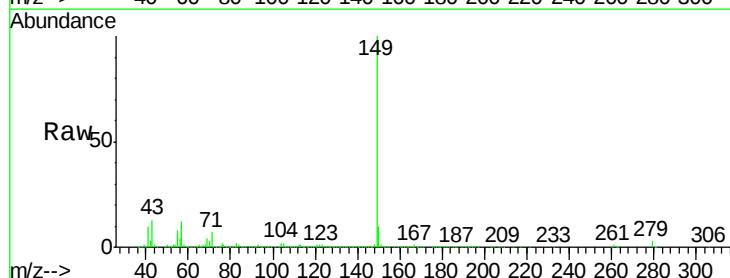
Tgt Ion:149 Resp: 1134283

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

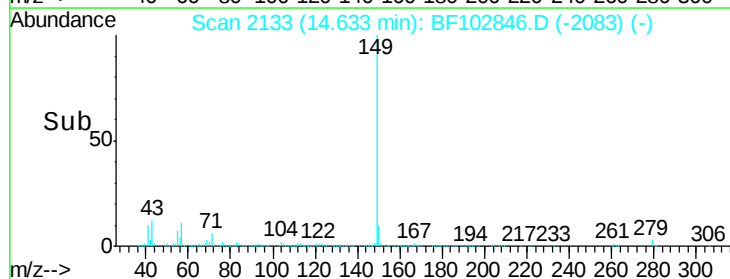
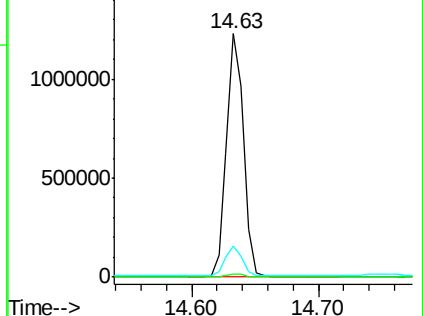
43 12.0 8.4 12.6

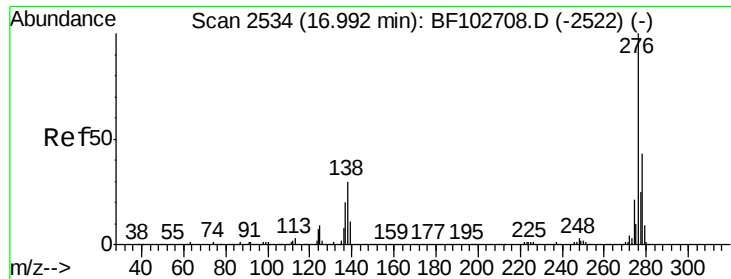


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

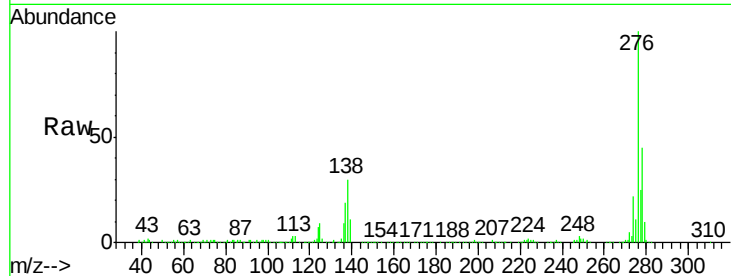




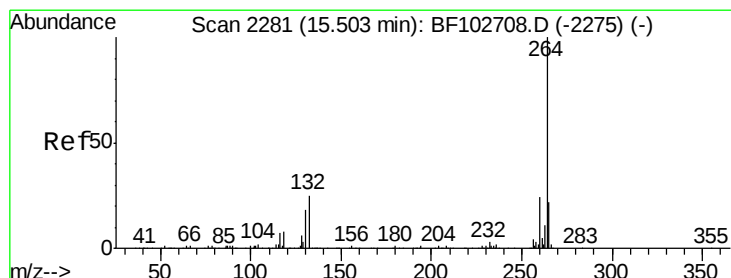
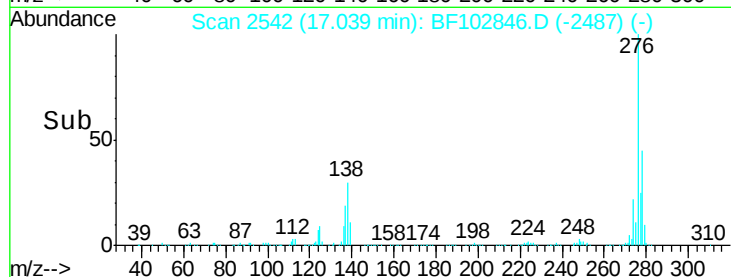
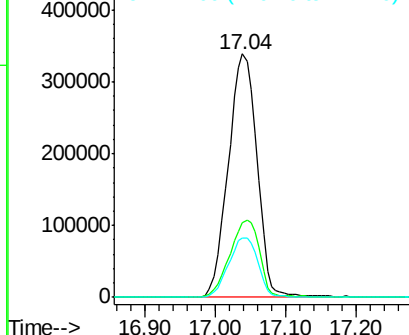
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.492 ng
 RT: 17.04 min Scan# 2542
 Delta R.T. 0.02 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 959180
 Ion Ratio Lower Upper
 276 100
 138 32.6 25.0 37.6
 277 25.1 20.1 30.1

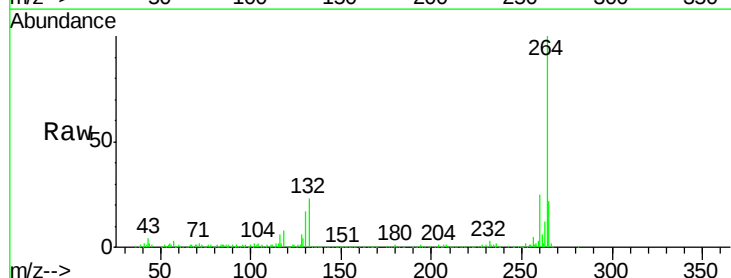


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

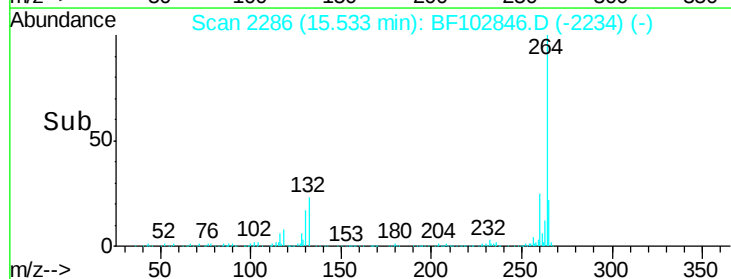
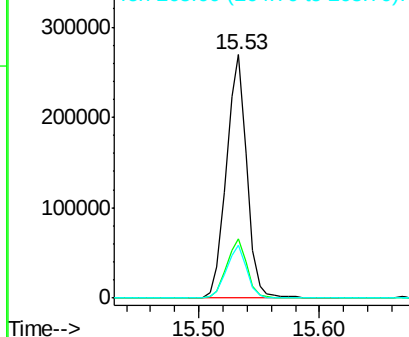


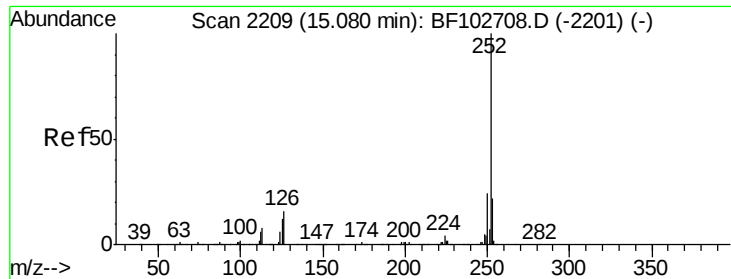
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF102846.D
 Acq: 8 Feb 2018 10:47

Tgt Ion:264 Resp: 315496
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.6 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: 38.063 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

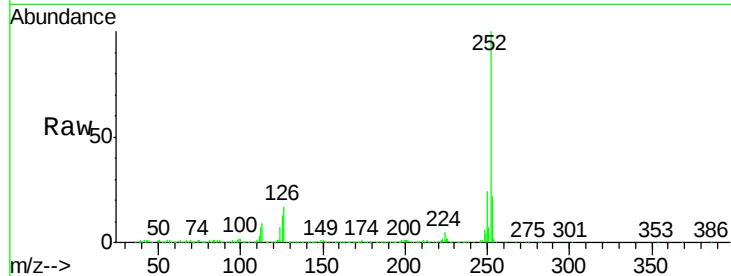
Tot Ion:252 Resp: 778568

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

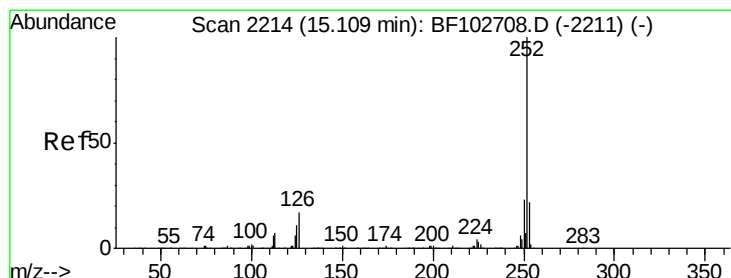
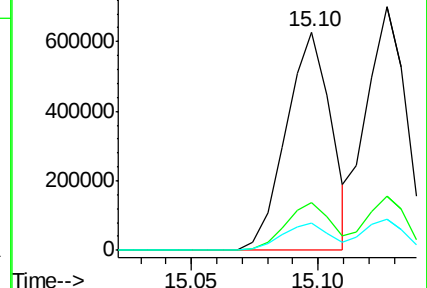
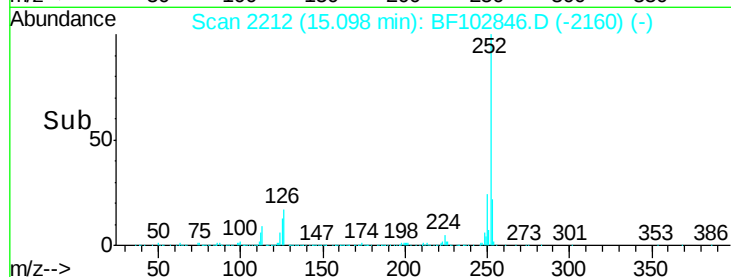
125 12.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.603 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

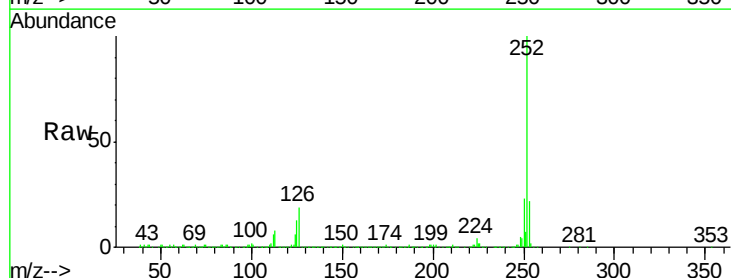
Tgt Ion:252 Resp: 774020

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

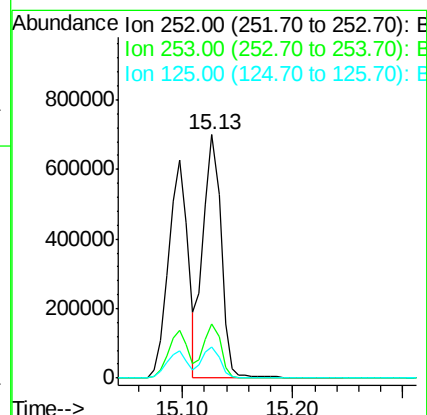
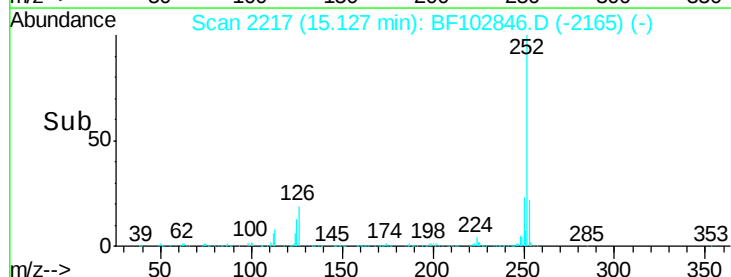
125 12.8 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.953 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

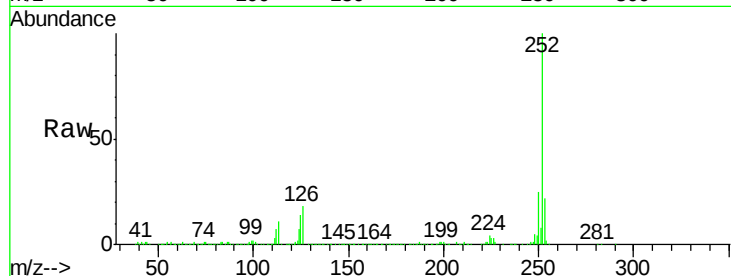
Tot Ion:252 Resp: 772424

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

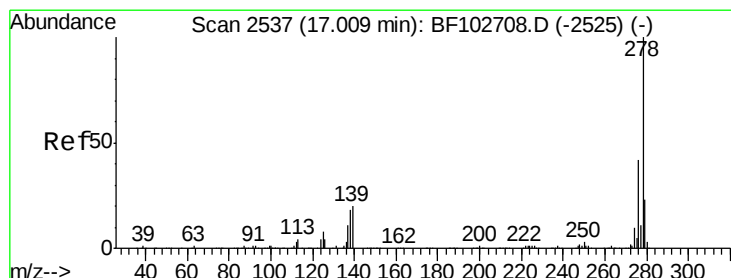
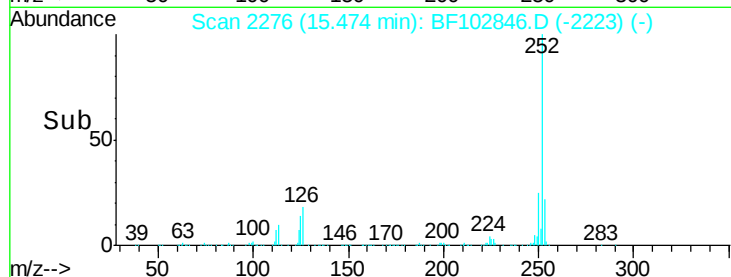
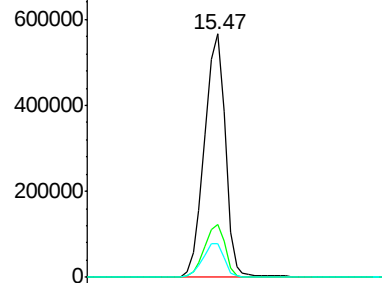
125 13.8 9.8 14.6



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: 53.298 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.02 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

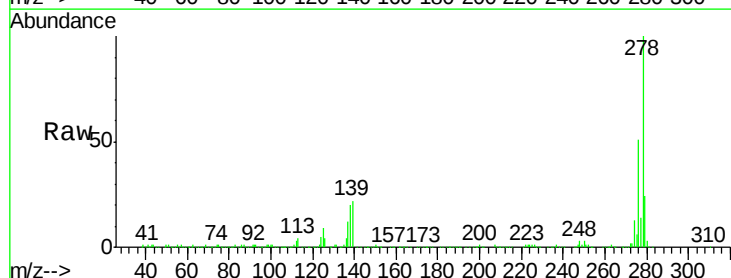
Tgt Ion:278 Resp: 796494

Ion Ratio Lower Upper

278 100

139 21.8 15.9 23.9

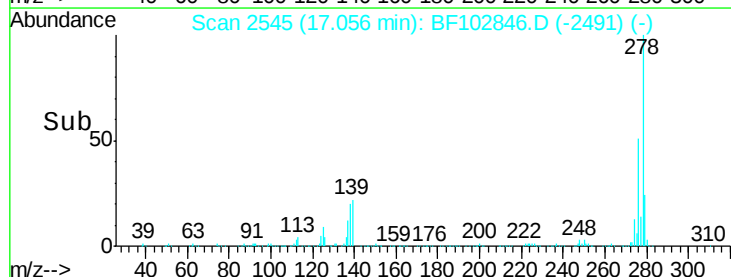
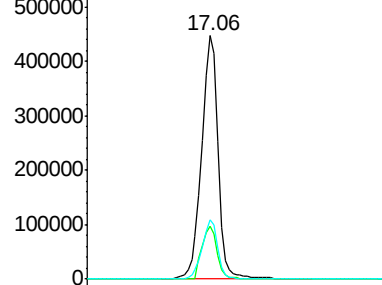
279 24.4 19.0 28.4

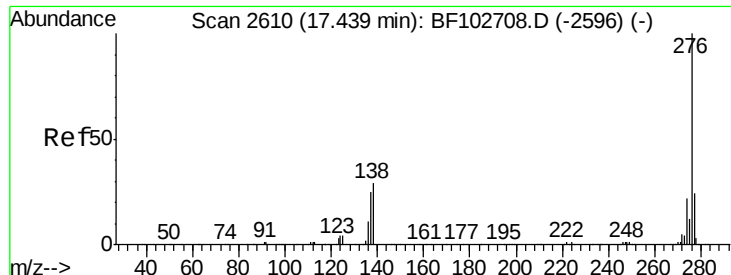


Abundance Ion 278.00 (277.70 to 278.70): E

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: 57.908 ng

RT: 17.50 min Scan# 2620

Delta R.T. 0.02 min

Lab File: BF102846.D

Acq: 8 Feb 2018 10:47

Instrument :

BNA_F

ClientSampleId :

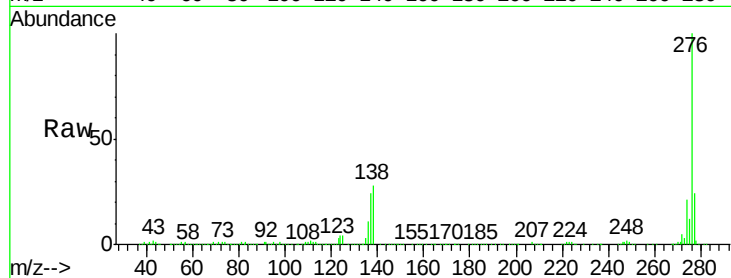
Tot Ion: 276 Resp: 847045

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 27.8 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

