

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
 Data File : BF102845.D
 Acq On : 8 Feb 2018 10:16
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 08 12:54:40 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	172532	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	742944	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	337855	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	591175	20.00	ng	0.00
75) Chrysene-d12	14.06	240	431646	20.00	ng	0.00
86) Perylene-d12	15.53	264	355182	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	911536	80.24	ng	0.00
7) Phenol-d6	6.51	99	1087368	79.49	ng	0.00
23) Nitrobenzene-d5	7.45	82	1003279	93.68	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	236907	87.12	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1523928	74.85	ng	0.00
78) Terphenyl-d14	13.00	244	1327409	72.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	240981	42.945	ng	89
3) Pyridine	3.42	79	688398	44.404	ng	91
4) n-Nitrosodimethylamine	3.38	42	297274	44.816	ng	# 91
6) Aniline	6.55	93	807692	39.983	ng	96
8) 2-Chlorophenol	6.67	128	462898	39.577	ng	95
9) Benzaldehyde	6.43	77	389424	38.335	ng	99
10) Phenol	6.52	94	590878	40.306	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	483949	39.673	ng	94
12) 1,3-Dichlorobenzene	6.83	146	524329	38.713	ng	100
13) 1,4-Dichlorobenzene	6.90	146	521337	38.641	ng	99
14) 1,2-Dichlorobenzene	7.06	146	488456	38.869	ng	100
15) Benzyl Alcohol	7.02	79	431541	41.033	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	846603	36.535	ng	99
17) 2-Methylphenol	7.13	107	429938	39.852	ng	98
18) Hexachloroethane	7.40	117	195172	42.185	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	342874	38.017	ng	94
20) 3+4-Methylphenols	7.29	107	516629	38.832	ng	# 84
22) Acetophenone	7.29	105	669610	36.831	ng	# 92
24) Nitrobenzene	7.47	77	545699	43.315	ng	99
25) Isophorone	7.70	82	953628	38.670	ng	98
26) 2-Nitrophenol	7.78	139	265817	50.754	ng	93
27) 2,4-Dimethylphenol	7.82	122	381254	36.593	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	566164	38.755	ng	99
29) 2,4-Dichlorophenol	8.02	162	377624	39.870	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	407299	38.013	ng	97
31) Naphthalene	8.19	128	1361384	37.505	ng	100
32) Benzoic acid	7.93	122	211088	33.514	ng	95
33) 4-Chloroaniline	8.24	127	601858	38.489	ng	99
34) Hexachlorobutadiene	8.30	225	208154	37.912	ng	98
35) Caprolactam	8.61	113	134689	40.948	ng	# 77
36) 4-Chloro-3-methylphenol	8.71	107	420955	39.557	ng	99
37) 2-Methylnaphthalene	8.88	142	865289	36.410	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	342787	37.263	ng	98
40) Hexachlorocyclopentadiene	9.03	237	171129	39.132	ng	98

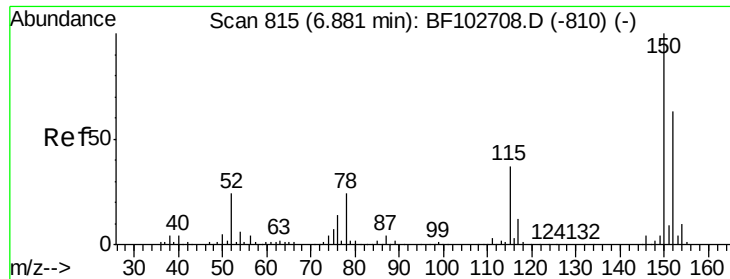
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
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 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	244048	40.390	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	274156	40.256	nq	96
45) 1,1'-Biphenyl	9.35	154	1043236	36.661	nq	99
46) 2-Chloronaphthalene	9.37	162	842213	37.594	nq	100
47) 2-Nitroaniline	9.46	65	313290	45.513	nq	86
48) Acenaphthylene	9.79	152	1305448	37.518	nq	100
49) Dimethylphthalate	9.65	163	993060	37.697	nq	100
50) 2,6-Dinitrotoluene	9.71	165	222030	44.301	nq	92
51) Acenaphthene	9.96	154	813637	39.100	nq	99
52) 3-Nitroaniline	9.88	138	276877	44.898	nq	93
53) 2,4-Dinitrophenol	9.98	184	70412	54.503	nq	# 19
54) Dibenzofuran	10.13	168	1128271	38.474	nq	99
55) 4-Nitrophenol	10.03	139	200648	41.625	nq	92
56) 2,4-Dinitrotoluene	10.11	165	303478	45.332	nq	93
57) Fluorene	10.47	166	854988	40.072	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	199327	42.230	nq	94
59) Diethylphthalate	10.34	149	1004441	38.615	nq	100
60) 4-Chlorophenyl-phenylether	10.46	204	377651	40.011	nq	100
61) 4-Nitroaniline	10.49	138	275970	47.014	nq	98
62) Azobenzene	10.63	77	1019373	39.228	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	134253	52.739	nq	92
65) n-Nitrosodiphenylamine	10.59	169	788415	37.809	nq	100
66) 4-Bromophenyl-phenylether	10.96	248	237047	37.906	nq	90
67) Hexachlorobenzene	11.02	284	260855	37.812	nq	96
68) Atrazine	11.11	200	236215	38.398	nq	99
69) Pentachlorophenol	11.22	266	151000	37.286	nq	98
70) Phenanthrene	11.44	178	1205319	36.608	nq	99
71) Anthracene	11.49	178	1244072	37.150	nq	99
72) Carbazole	11.65	167	1221060	37.219	nq	100
73) Di-n-butylphthalate	11.97	149	1527015	38.317	nq	100
74) Fluoranthene	12.63	202	1222830	36.915	nq	99
76) Benzidine	12.75	184	900260	45.379	nq	99
77) Pyrene	12.86	202	1282972	37.904	nq	99
79) Butylbenzylphthalate	13.47	149	682357	42.270	nq	97
80) Benzo(a)anthracene	14.04	228	1069398	39.394	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	395052	39.249	nq	100
82) Chrysene	14.08	228	1023661	37.408	nq	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	920687	44.403	nq	# 99
84) Di-n-octyl phthalate	14.63	149	1350896	43.390	nq	96
85) Indeno(1,2,3-cd)pyrene	17.04	276	746811	32.905	nq	98
87) Benzo(b)fluoranthene	15.10	252	943927	40.991	nq	98
88) Benzo(k)fluoranthene	15.13	252	824112	37.455	nq	99
89) Benzo(a)pyrene	15.47	252	795016	38.355	nq	99
90) Dibenzo(a,h)anthracene	17.05	278	614182	36.506	nq	98
91) Benzo(g,h,i)perylene	17.49	276	611157	37.113	nq	98

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

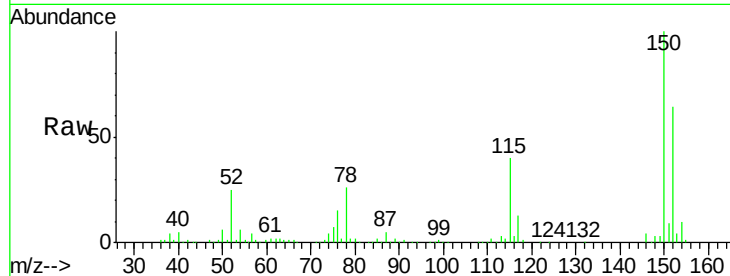


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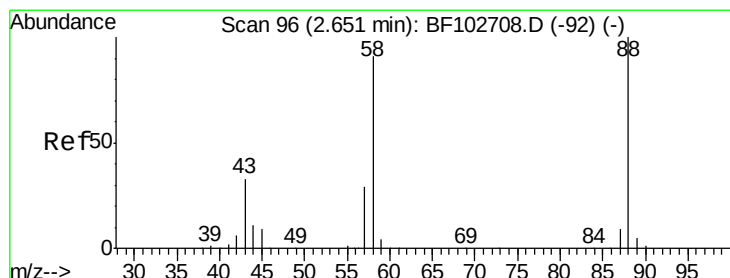
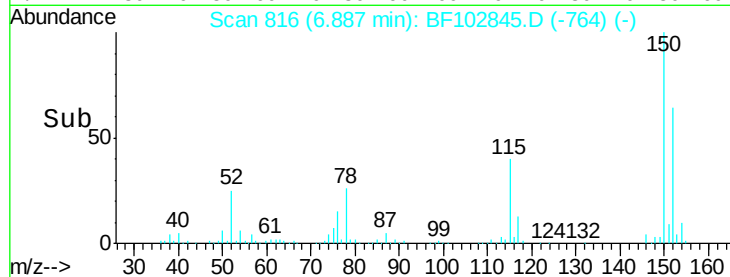
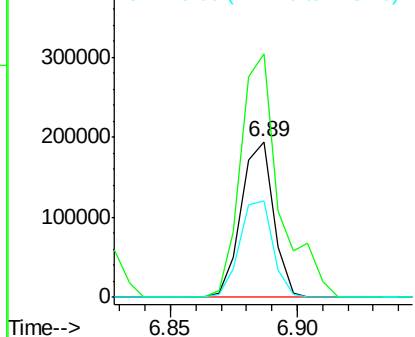
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 172532
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 62.5 50.1 75.1



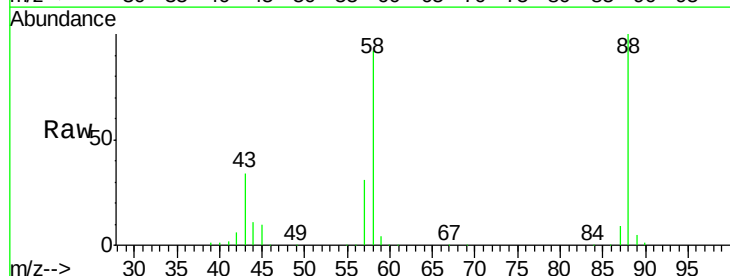
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



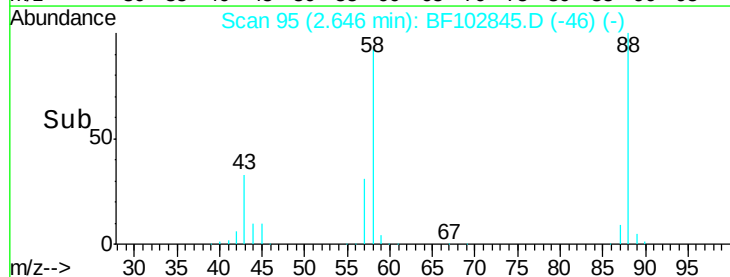
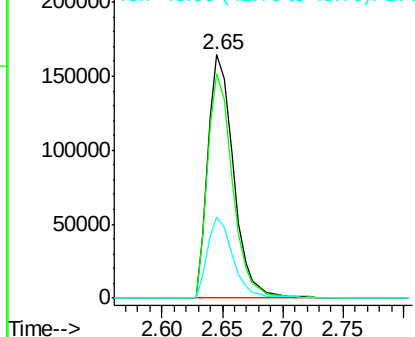
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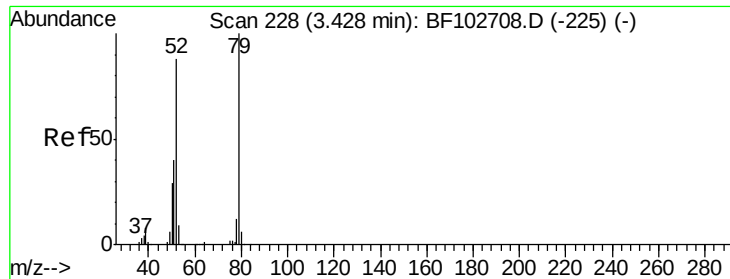
1,4-Dioxane
Concen: 42.945 ng
RT: 2.65 min Scan# 95
Delta R.T. -0.01 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Tgt Ion: 88 Resp: 240981
Ion Ratio Lower Upper
88 100
58 90.4 62.6 93.8
43 33.4 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: 44.404 ng

RT: 3.42 min Scan# 227

Delta R.T. -0.01 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

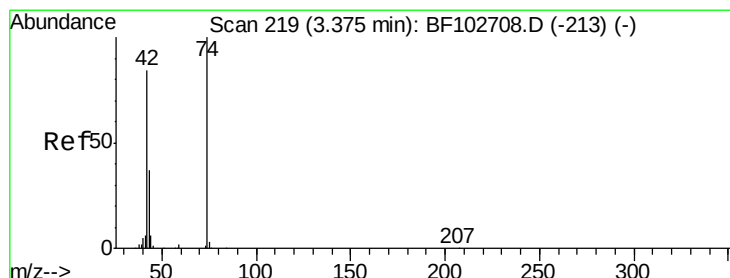
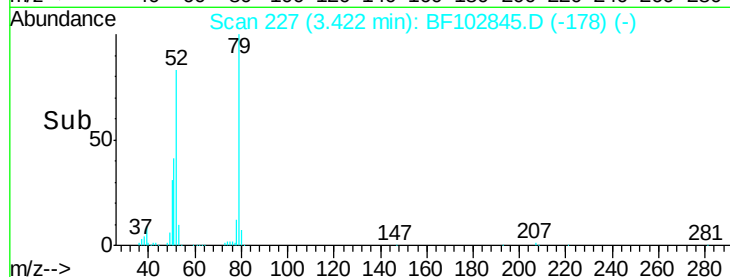
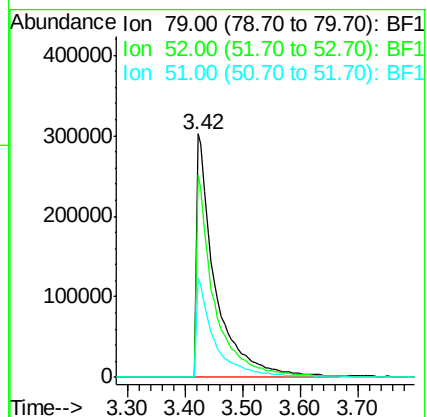
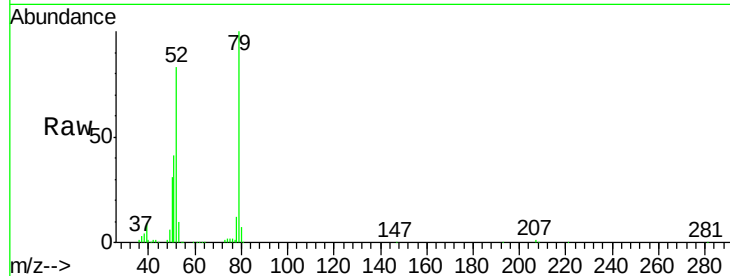
Tot Ion: 79 Resp: 688398

Ion Ratio Lower Upper

79 100

52 83.4 59.8 89.6

51 40.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 44.816 ng

RT: 3.38 min Scan# 219

Delta R.T. -0.01 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

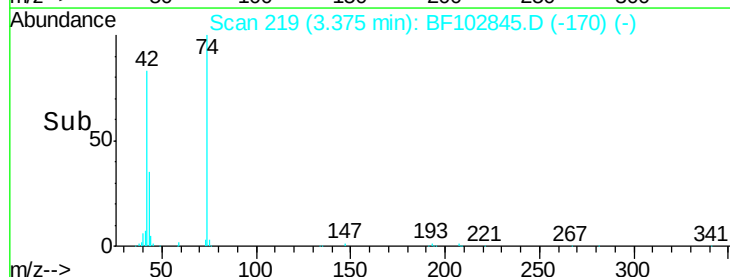
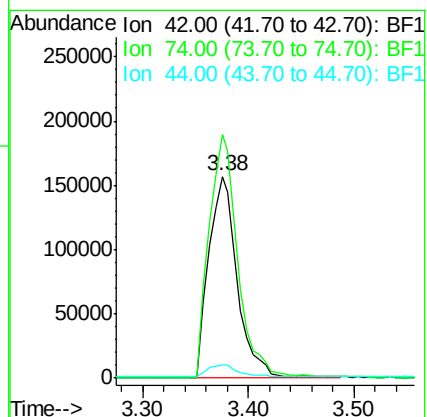
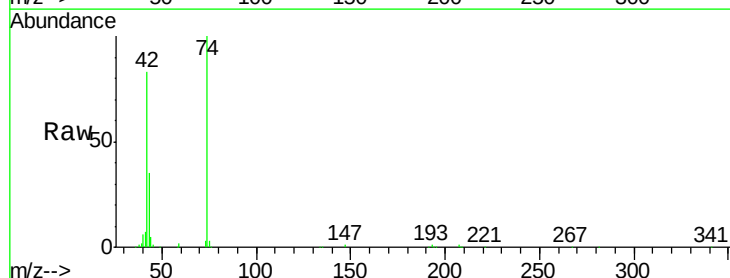
Tgt Ion: 42 Resp: 297274

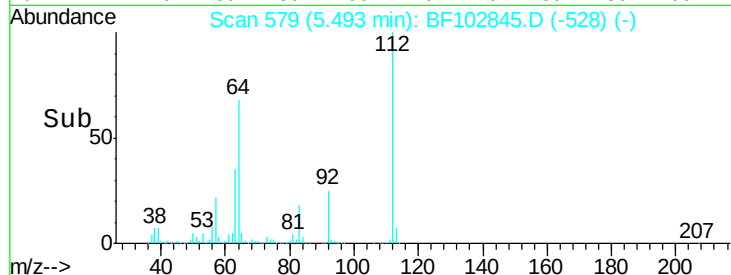
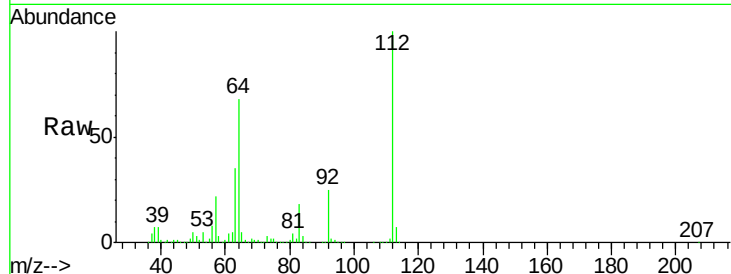
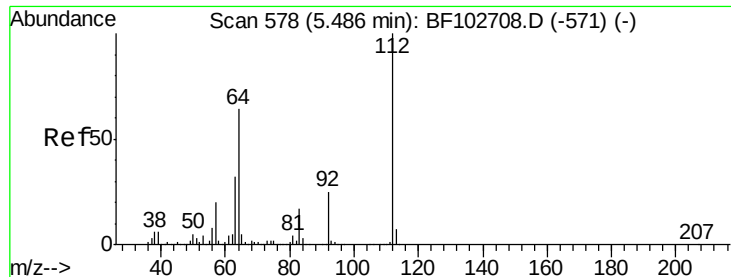
Ion Ratio Lower Upper

42 100

74 120.7 104.9 157.3

44 6.4 6.9 10.3#

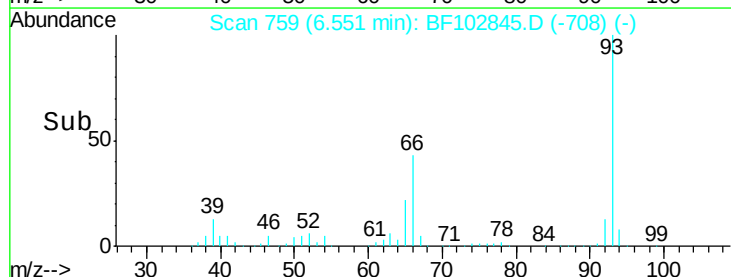
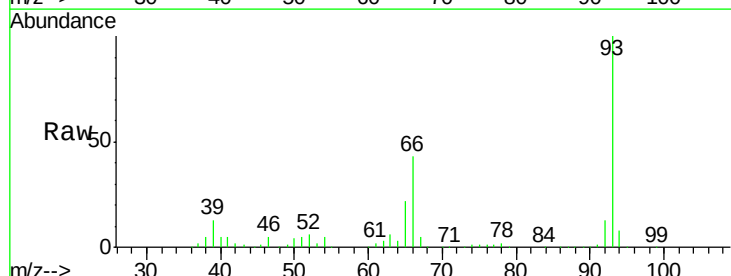
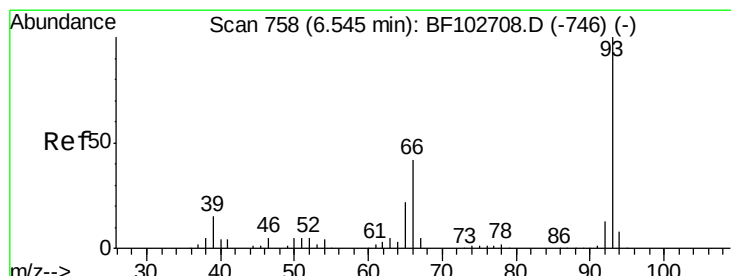
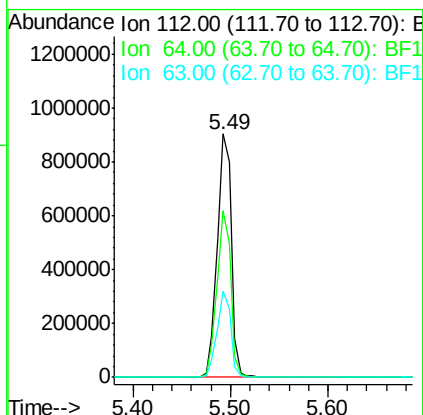




#5
2-Fluorophenol
Concen: 80.236 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

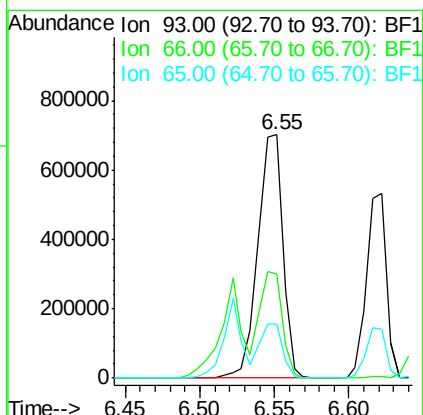
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

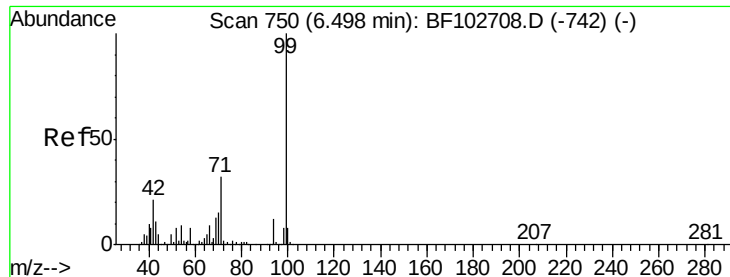
Tot Ion	Ratio	Lower	Upper
112	100		
64	68.5	47.9	71.9
63	35.3	23.7	35.5



#6
Aniline
Concen: 39.983 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.5	32.2	48.2
65	22.1	16.4	24.6





#7

Phenol-d6

Concen: 79.491 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

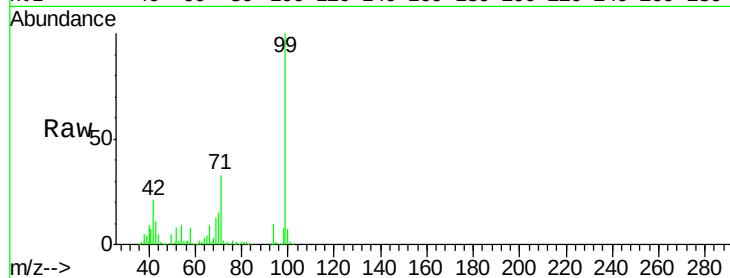
Tot Ion: 99 Resp: 1087368

Ion Ratio Lower Upper

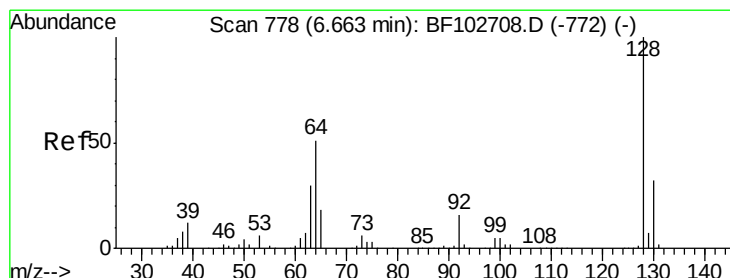
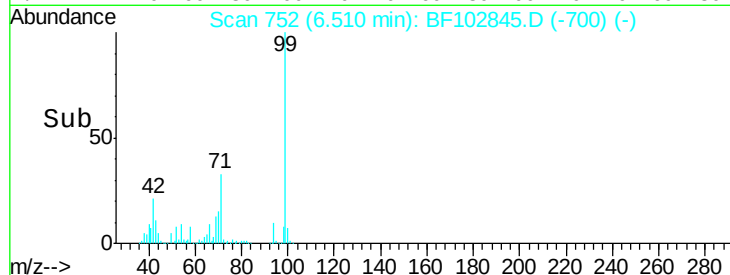
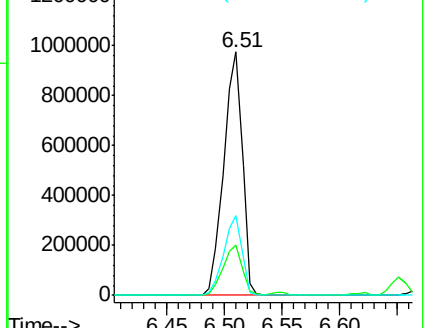
99 100

42 20.6 14.5 21.7

71 32.7 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.577 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

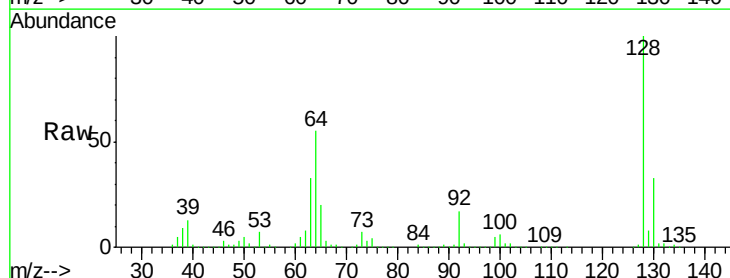
Tgt Ion: 128 Resp: 462898

Ion Ratio Lower Upper

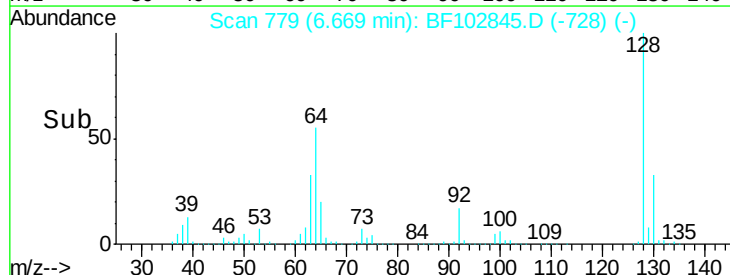
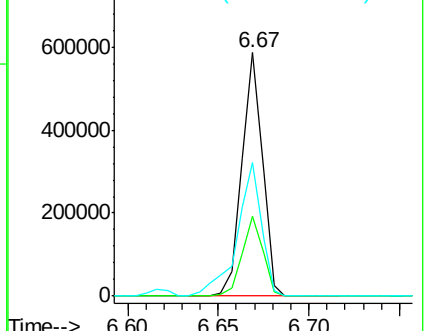
128 100

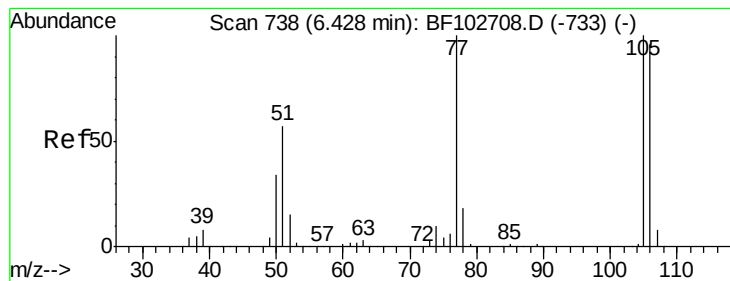
130 32.7 13.0 53.0

64 54.9 29.4 69.4



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





#9

Benzaldehyde

Concen: 38.335 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

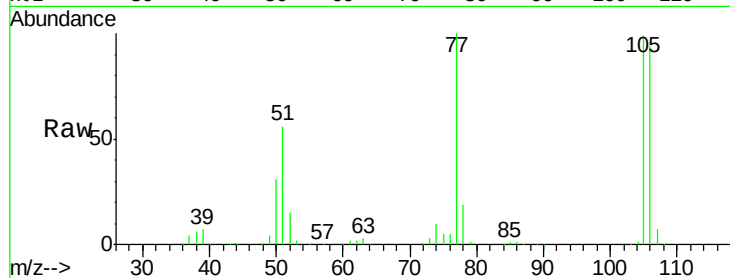
Tot Ion: 77 Resp: 389424

Ion Ratio Lower Upper

77 100

105 99.3 81.1 121.1

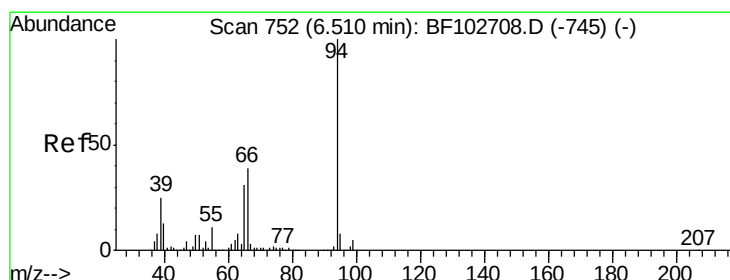
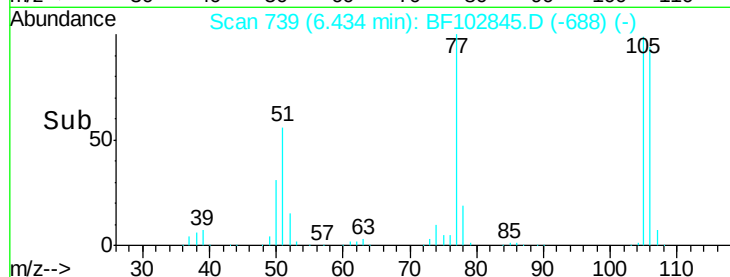
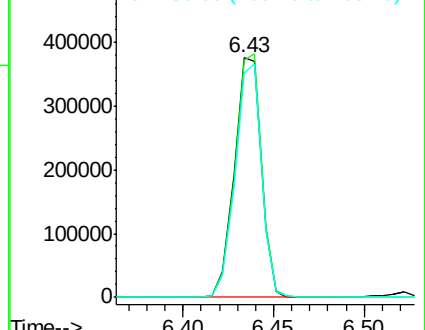
106 93.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.306 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

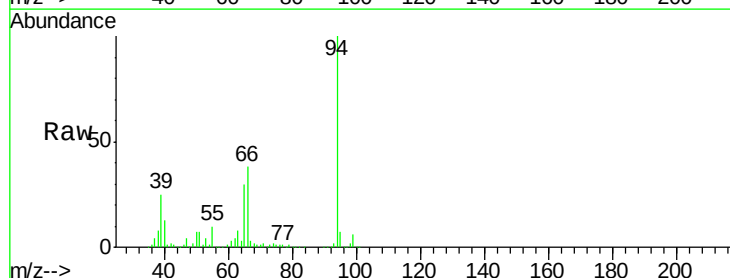
Tgt Ion: 94 Resp: 590878

Ion Ratio Lower Upper

94 100

65 29.9 7.9 47.9

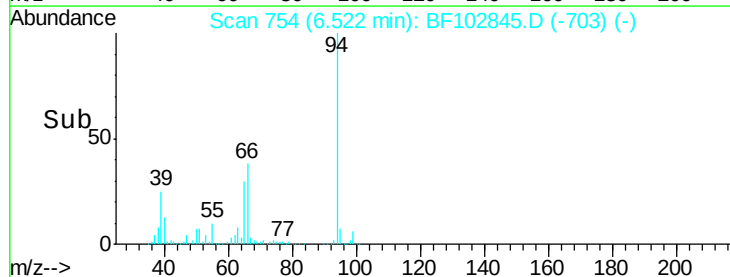
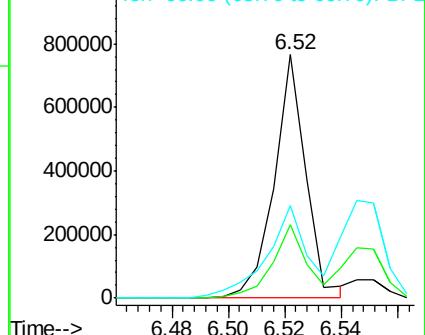
66 37.8 16.2 56.2

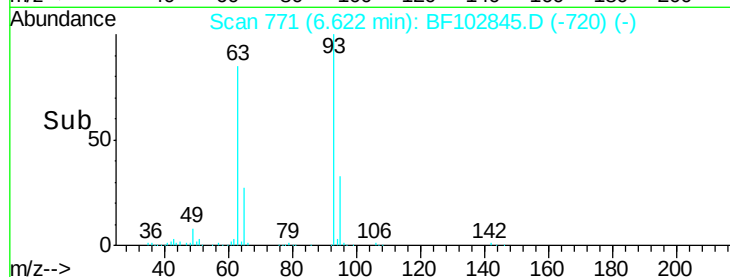
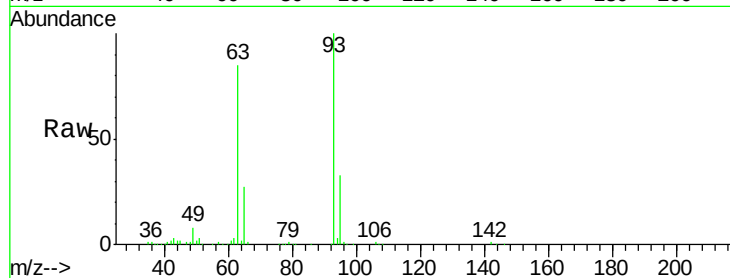
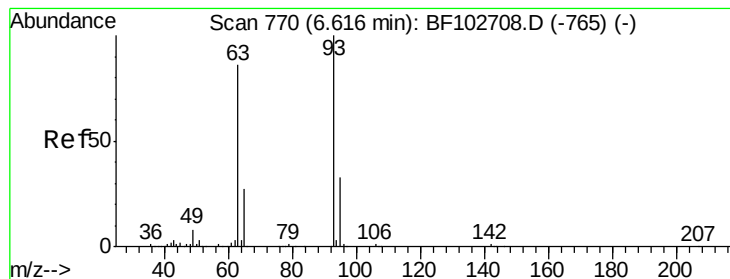


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

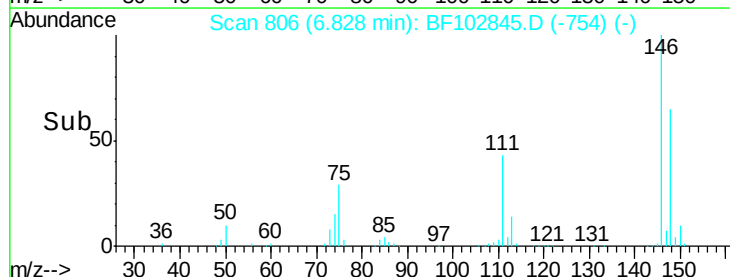
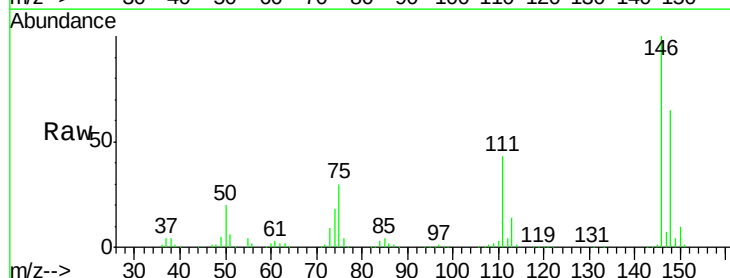
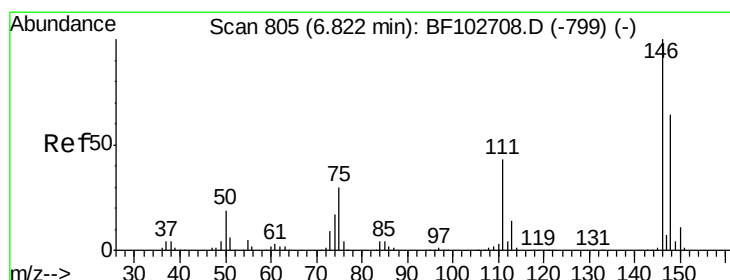
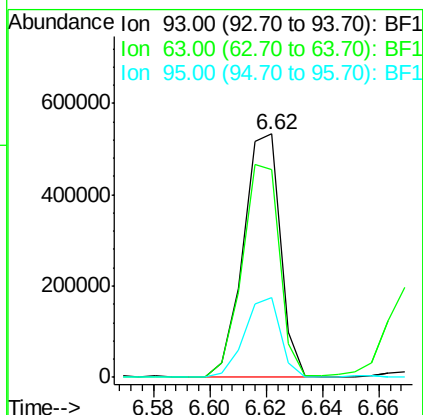




#11
bis(2-Chloroethyl)ether
Concen: 39.673 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

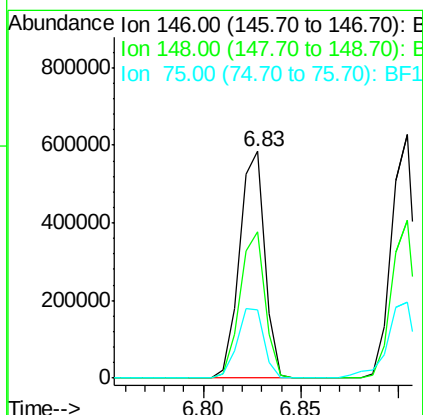
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

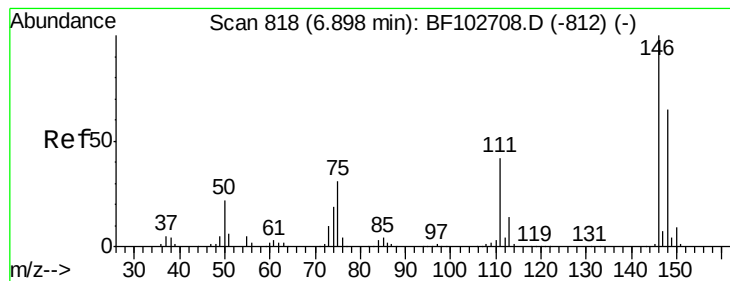
Tot Ion	93	Resp	483949
Ion	Ratio	Lower	Upper
93	100		
63	85.2	58.6	98.6
95	32.6	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 38.713 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Tgt Ion	146	Resp	524329
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	30.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.641 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

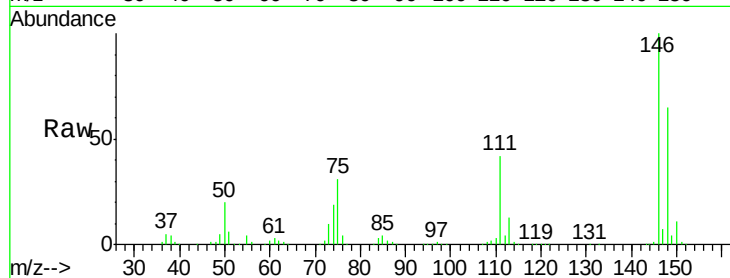
Tot Ion:146 Resp: 521337

Ion Ratio Lower Upper

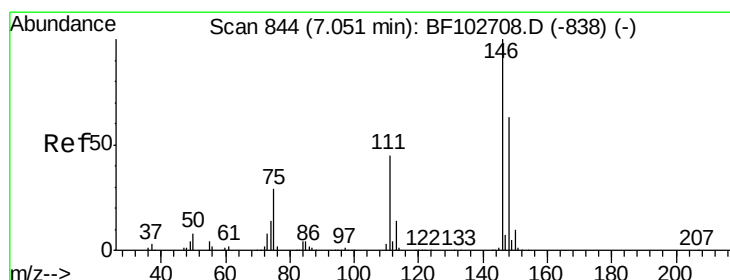
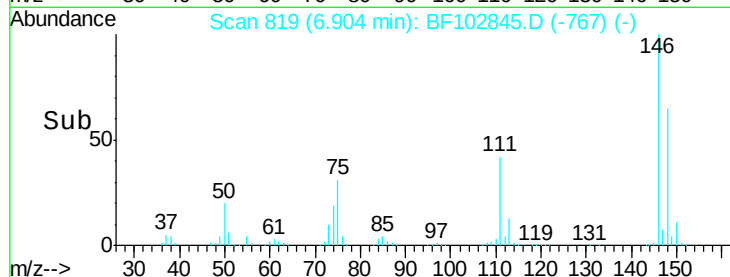
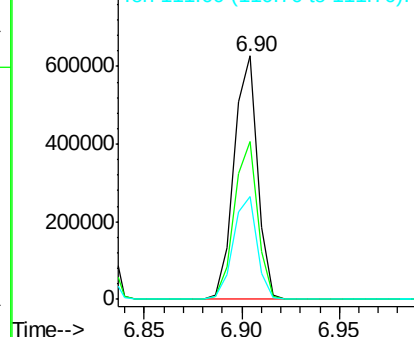
146 100

148 64.8 50.8 76.2

111 42.0 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 38.869 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

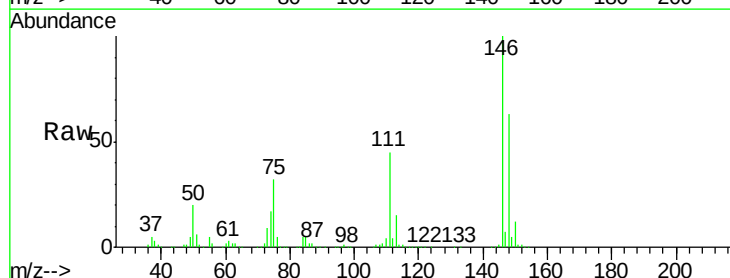
Tgt Ion:146 Resp: 488456

Ion Ratio Lower Upper

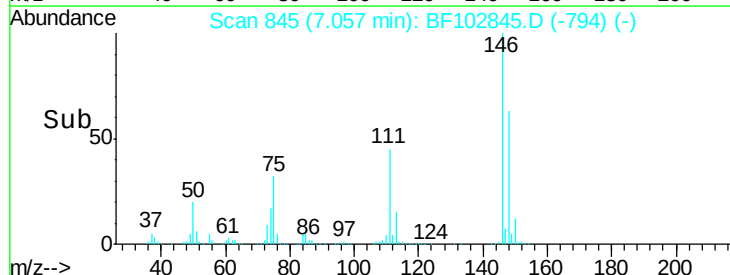
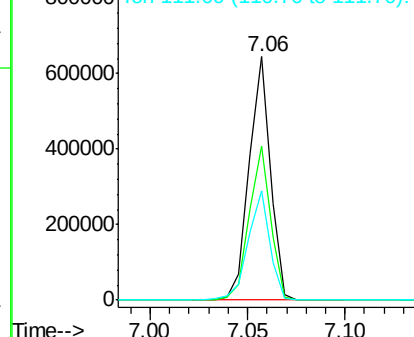
146 100

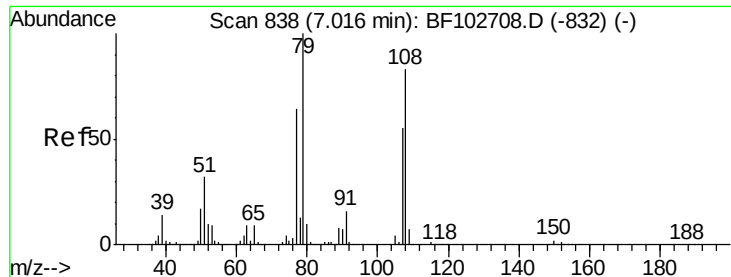
148 63.0 50.6 75.8

111 44.8 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

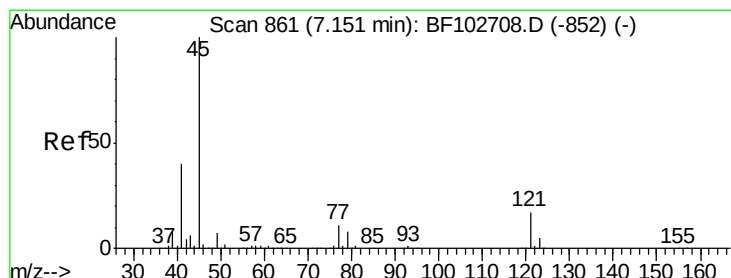
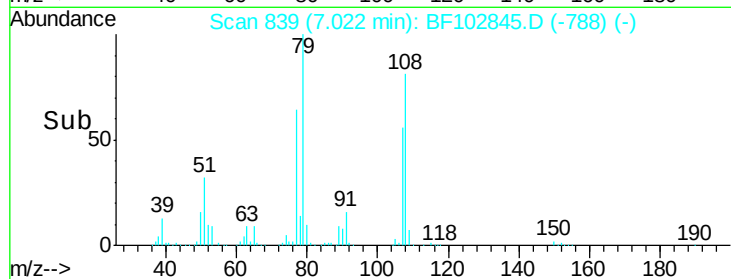
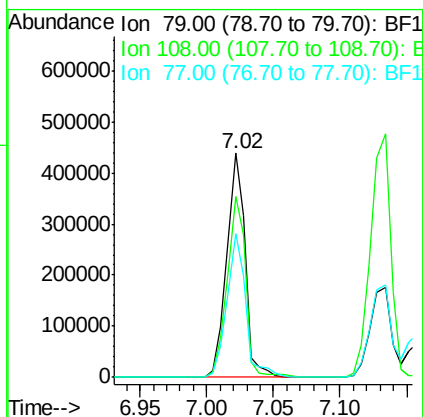
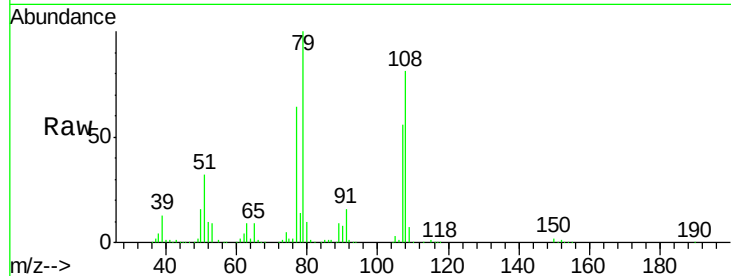




#15
Benzyl Alcohol
Concen: 41.033 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

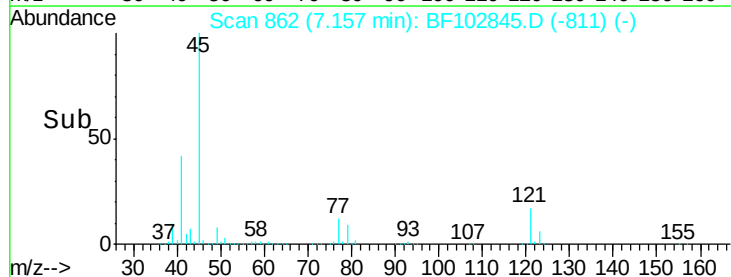
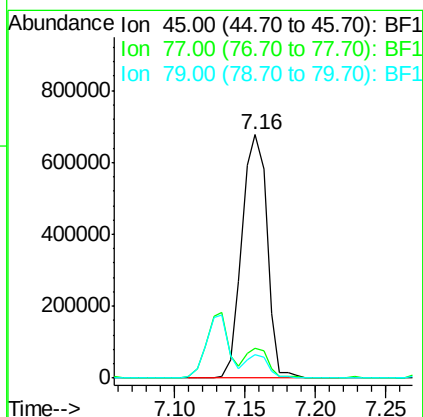
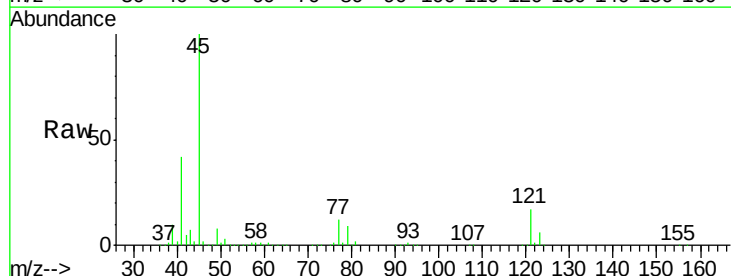
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

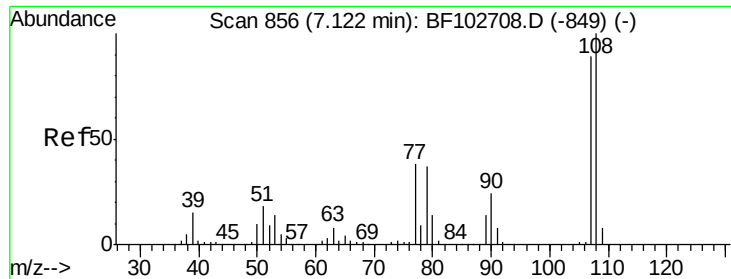
Tot Ion: 79 Resp: 431541
Ion Ratio Lower Upper
79 100
108 80.9 65.1 97.7
77 64.4 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.535 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Tgt Ion: 45 Resp: 846603
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.9
79 9.5 0.0 29.6

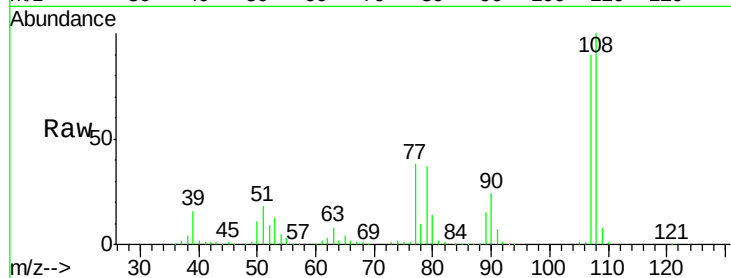




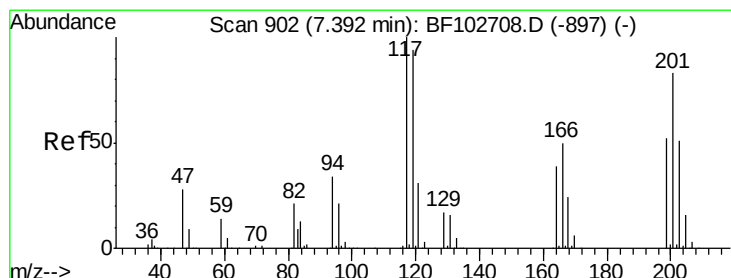
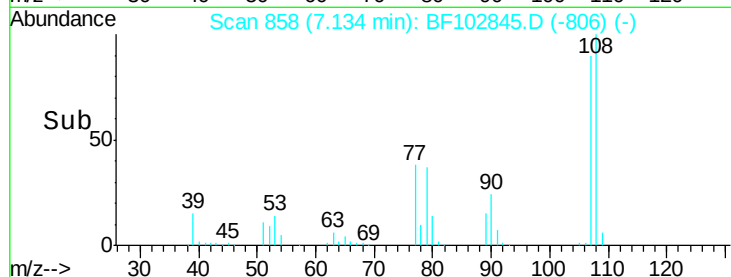
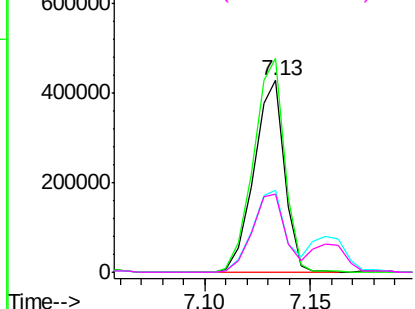
#17
2-Methylphenol
Concen: 39.852 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 429938
Ion Ratio Lower Upper
107 100
108 111.4 91.7 137.5
77 42.6 33.8 50.8
79 40.9 33.8 50.8

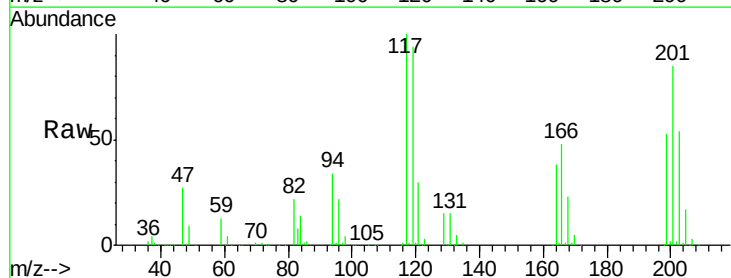


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

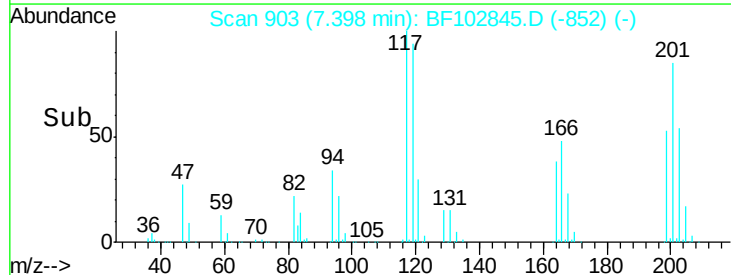
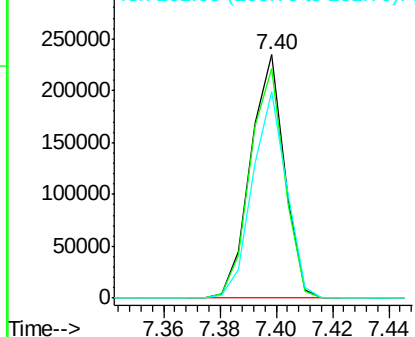


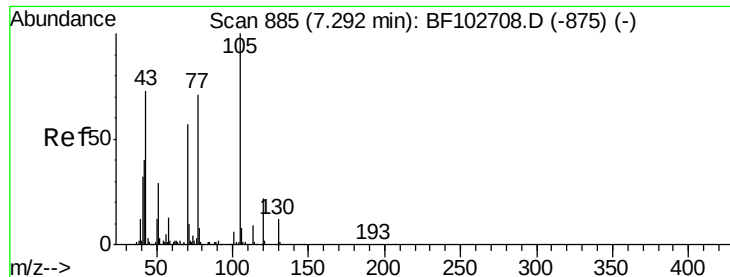
#18
Hexachloroethane
Concen: 42.185 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Tgt Ion:117 Resp: 195172
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.8
201 84.7 75.7 113.5



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

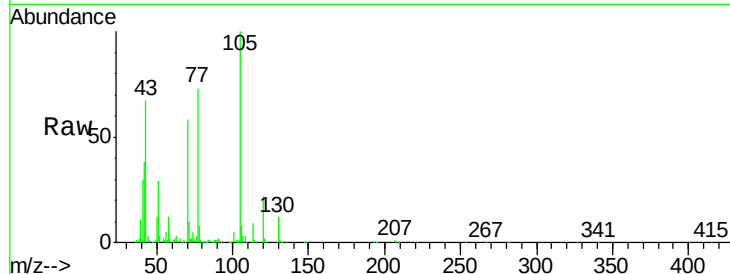




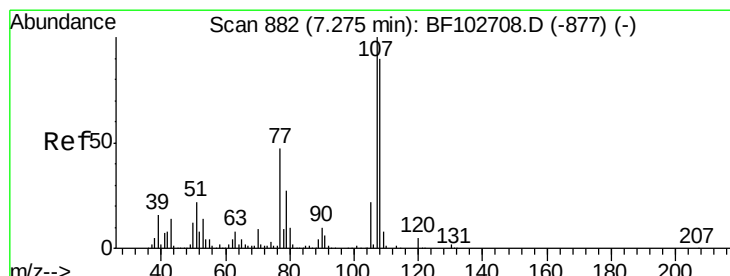
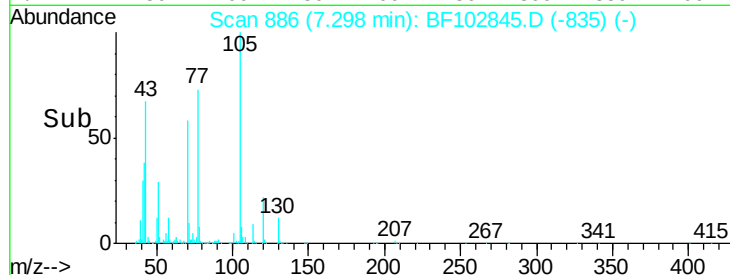
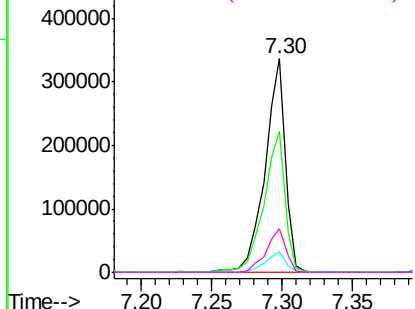
#19
n-Nitroso-di-n-propylamine
Concen: 38.017 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 342874
Ion Ratio Lower Upper
70 100
42 65.7 47.5 71.3
101 9.4 7.4 11.2
130 20.5 16.6 25.0

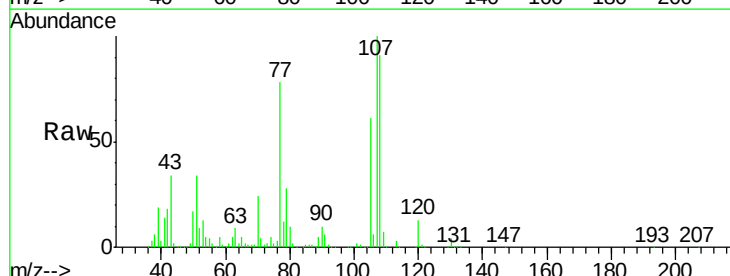


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

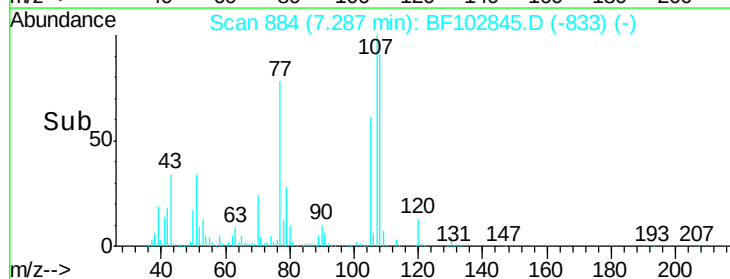
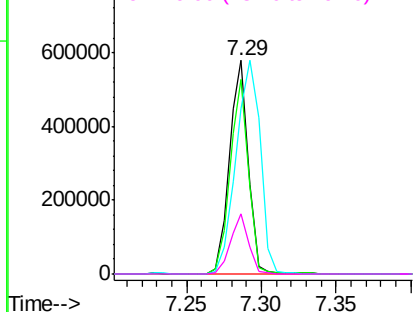


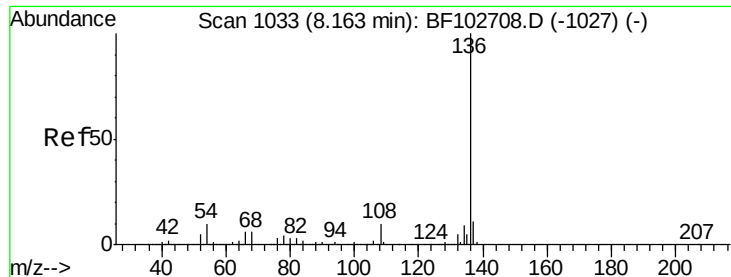
#20
3+4-Methylphenols
Concen: 38.832 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Tgt Ion: 107 Resp: 516629
Ion Ratio Lower Upper
107 100
108 91.1 68.2 108.2
77 77.6 26.7 66.7#
79 28.0 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: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 742944

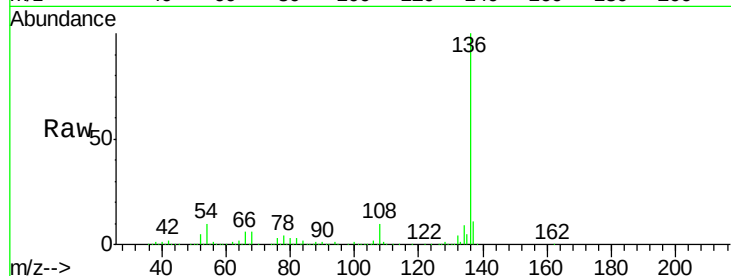
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.7 6.6 9.8

68 6.5 5.0 7.4

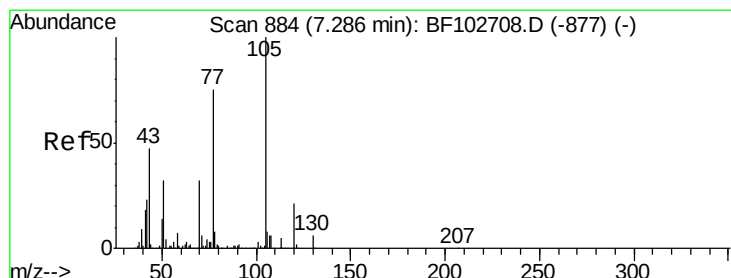
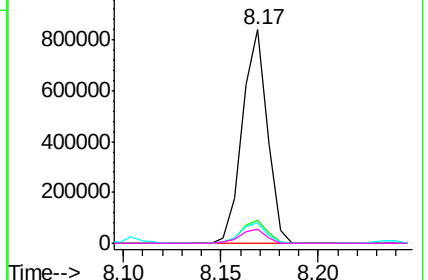
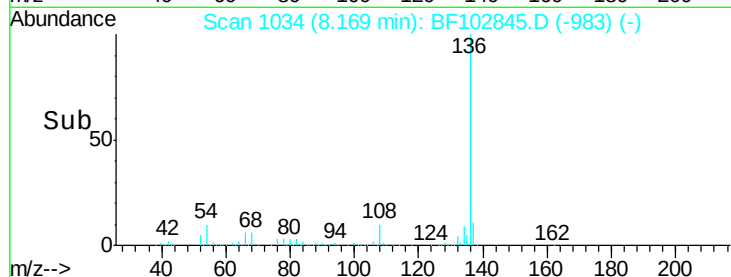


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.831 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Tgt Ion:105 Resp: 669610

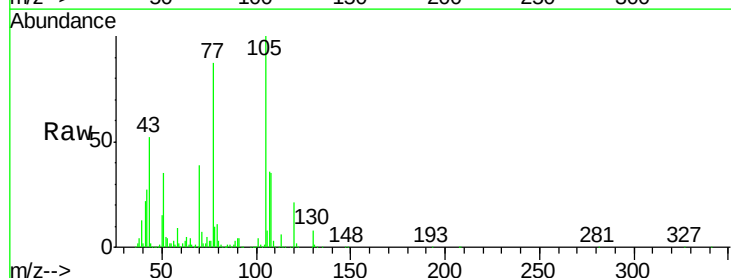
Ion Ratio Lower Upper

105 100

71 6.8 4.4 6.6#

51 35.4 22.3 33.5#

120 20.7 16.9 25.3

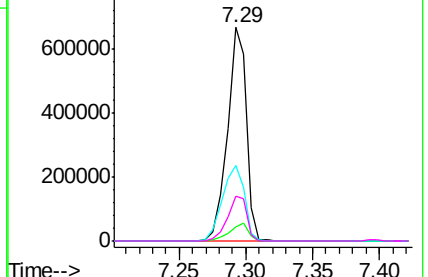
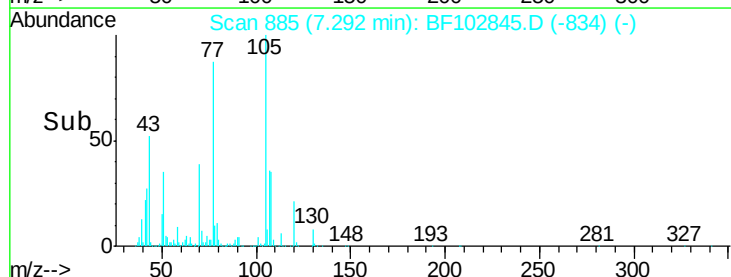


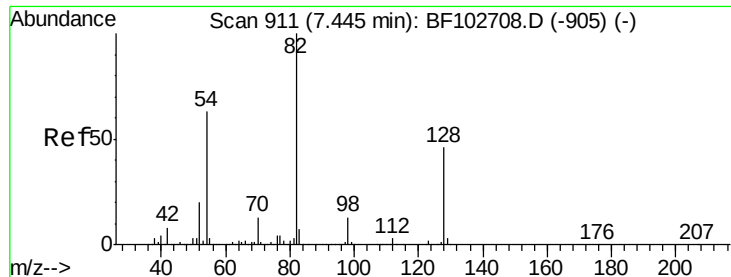
Abundance Ion 105.00 (104.70 to 105.70): E

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

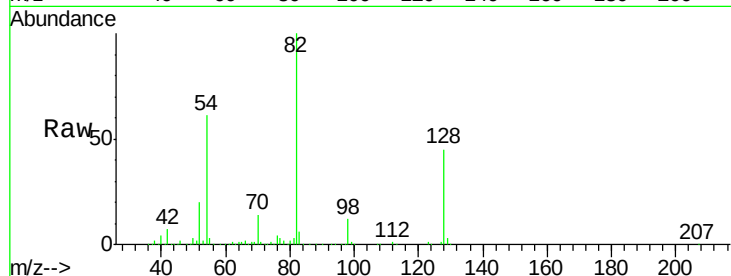




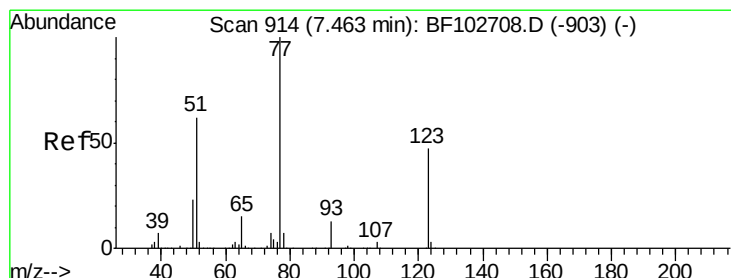
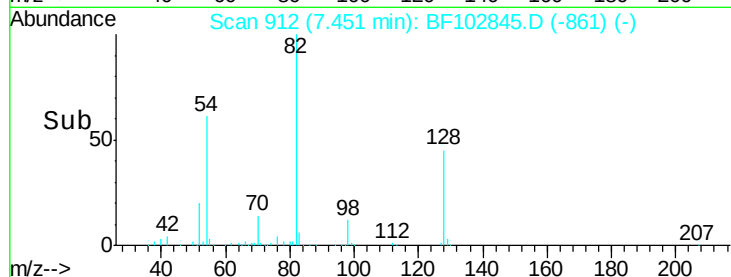
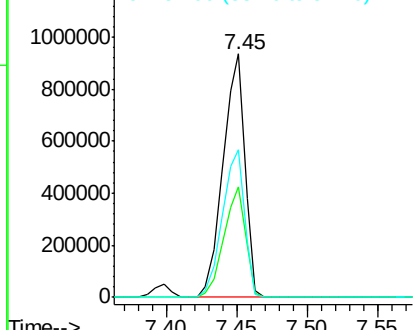
#23
 Nitrobenzene-d5
 Concen: 93.679 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF102845.D
 Acq: 8 Feb 2018 10:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1003279
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 60.6 41.4 62.2

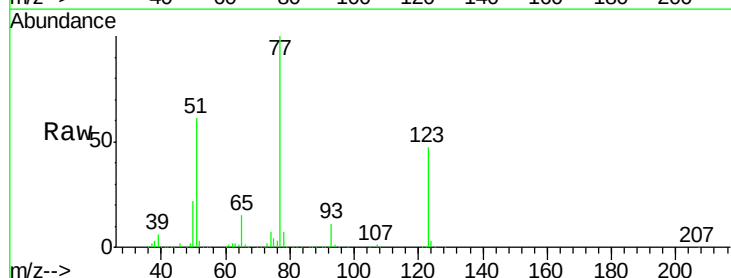


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

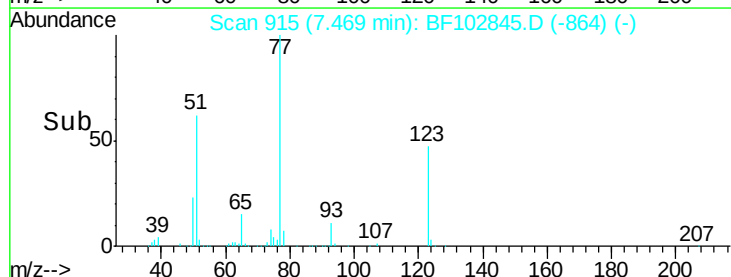
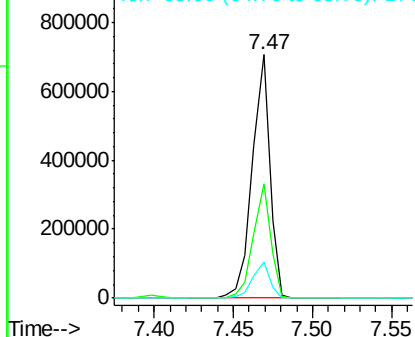


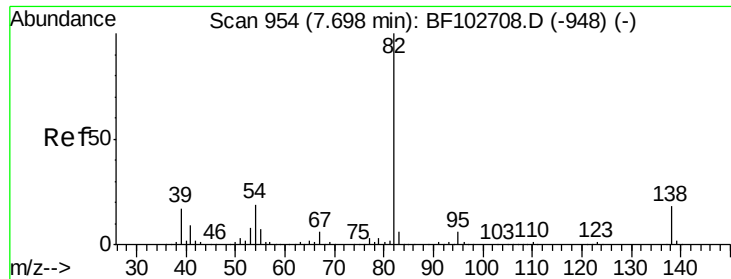
#24
 Nitrobenzene
 Concen: 43.315 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF102845.D
 Acq: 8 Feb 2018 10:16

Tgt Ion: 77 Resp: 545699
 Ion Ratio Lower Upper
 77 100
 123 46.9 37.9 56.9
 65 14.9 11.0 16.4



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





#25

Isophorone

Concen: 38.670 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

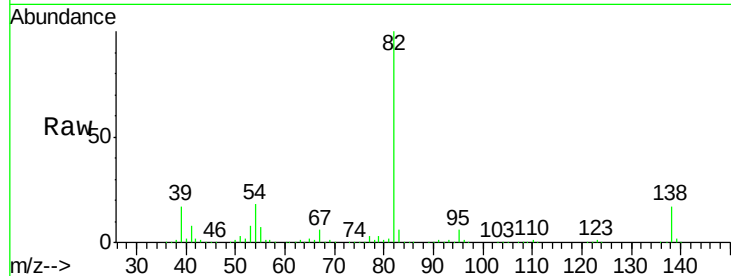
Tot Ion: 82 Resp: 953628

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

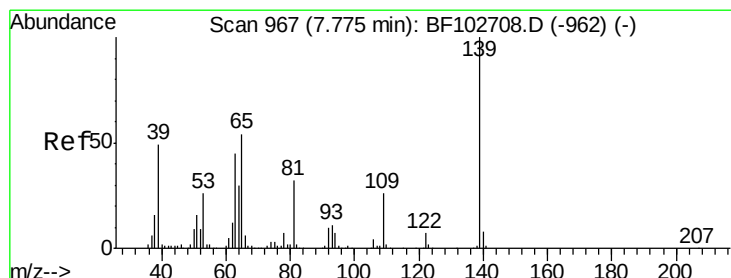
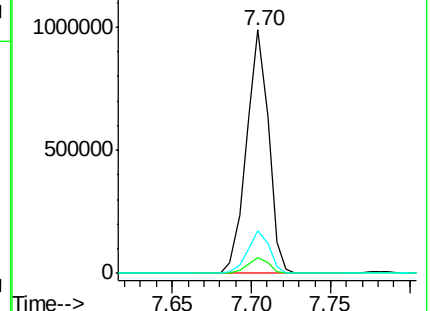
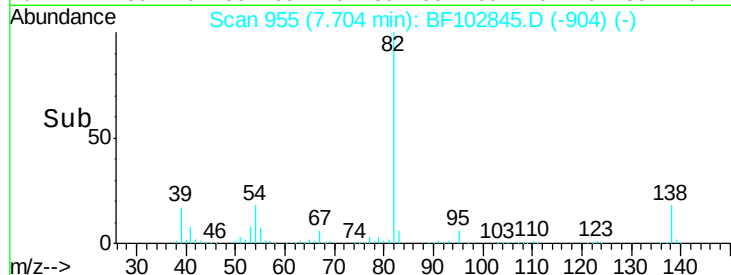
138 17.3 14.9 22.3



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: 50.754 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

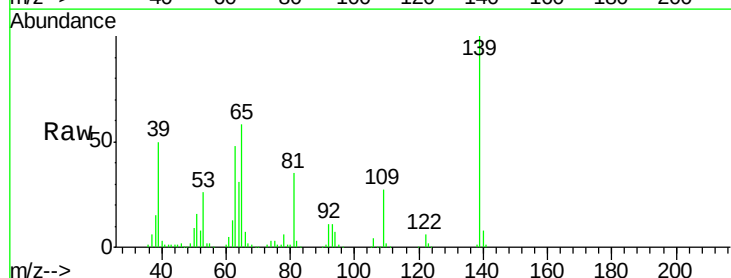
Tgt Ion: 139 Resp: 265817

Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

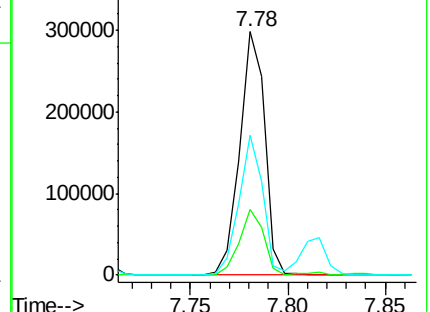
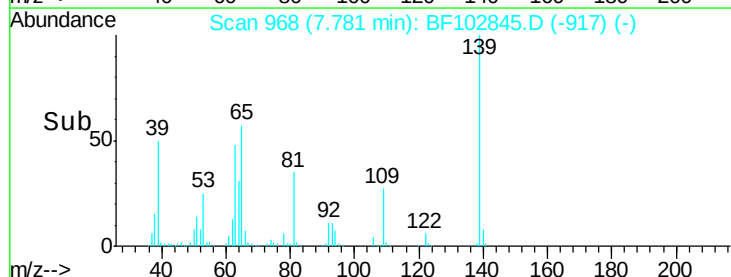
65 57.6 40.5 60.7

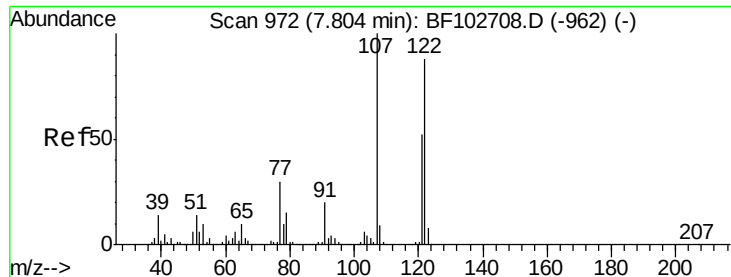


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.593 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

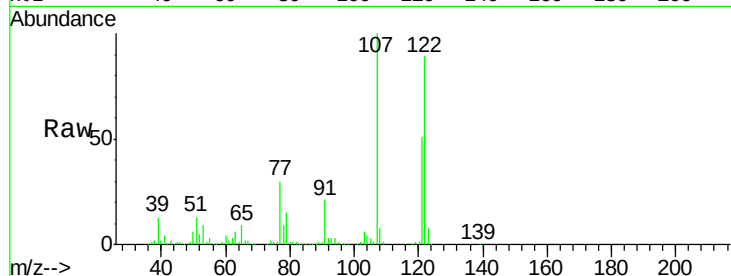
Tot Ion:122 Resp: 381254

Ion Ratio Lower Upper

122 100

107 112.2 91.2 136.8

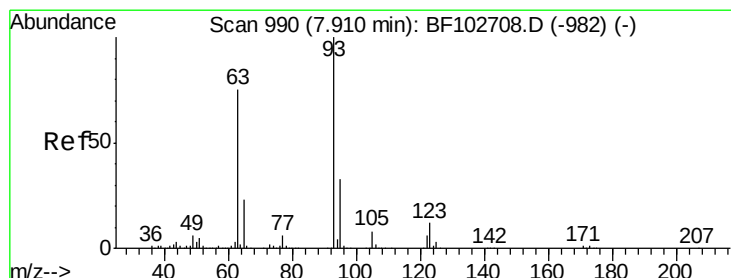
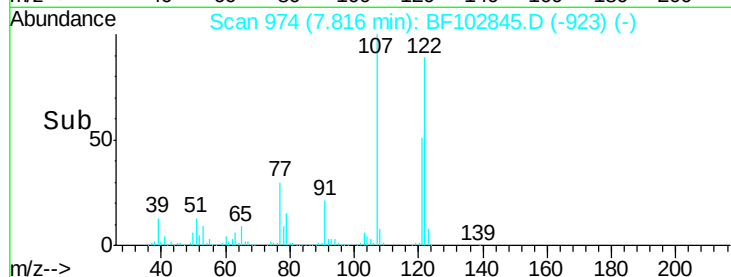
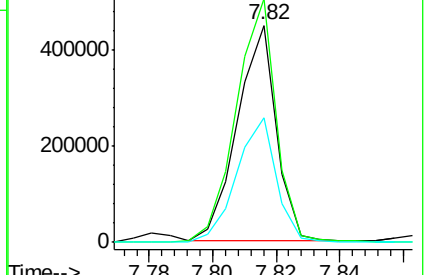
121 57.7 47.2 70.8



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: 38.755 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

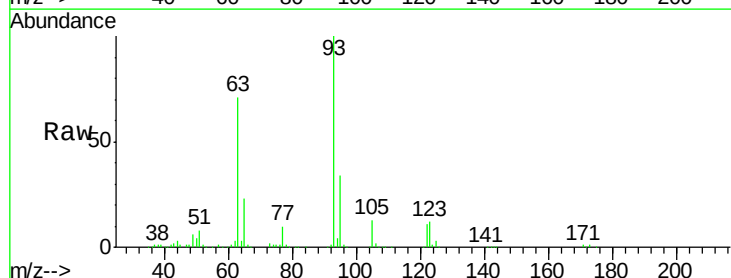
Tgt Ion: 93 Resp: 566164

Ion Ratio Lower Upper

93 100

95 33.5 26.3 39.5

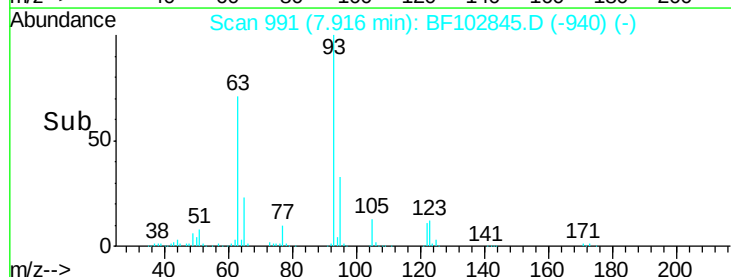
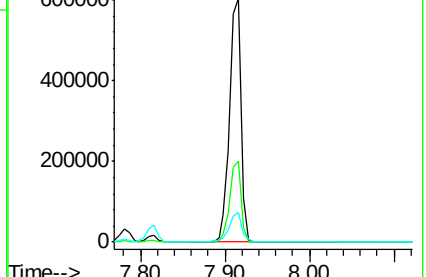
123 12.5 9.8 14.6

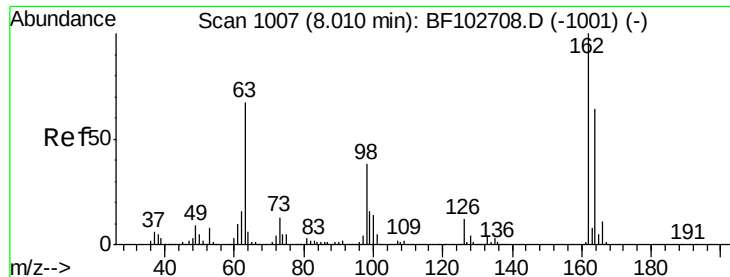


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

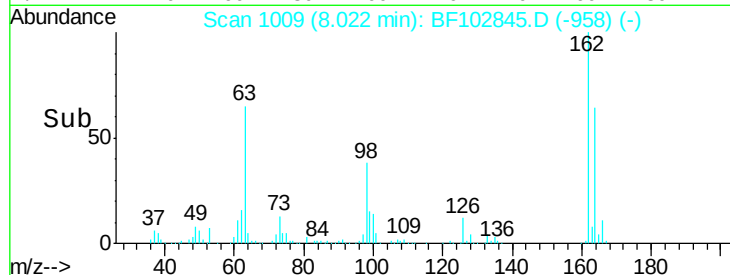
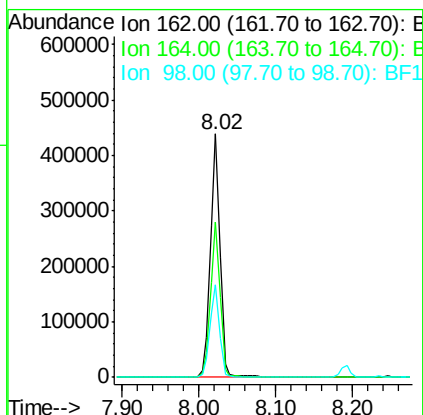
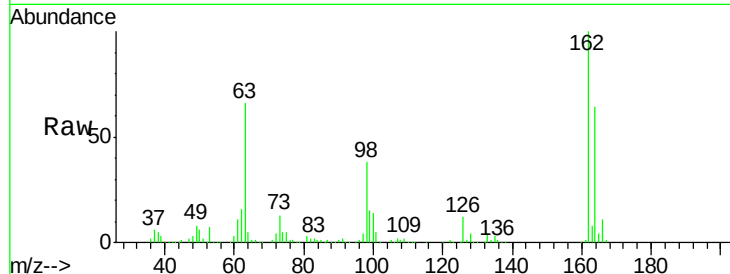




#29
2,4-Dichlorophenol
Concen: 39.870 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

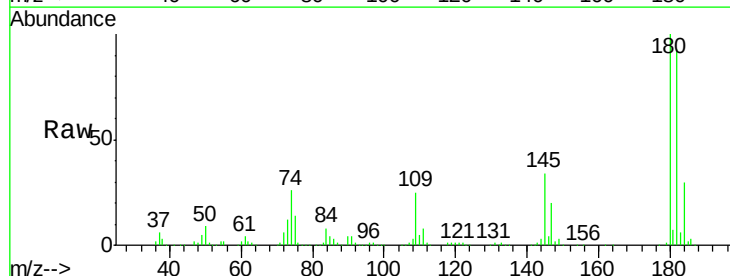
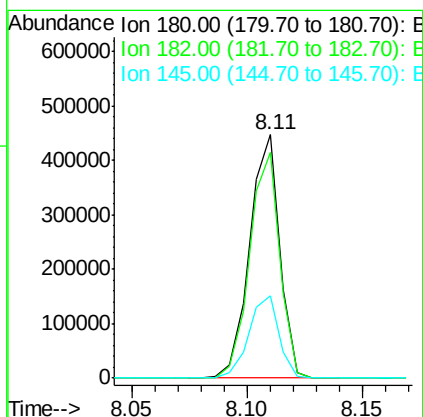
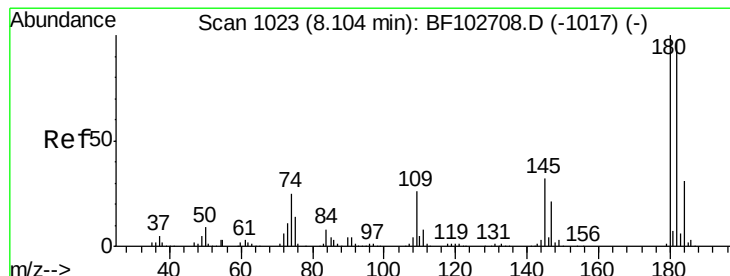
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

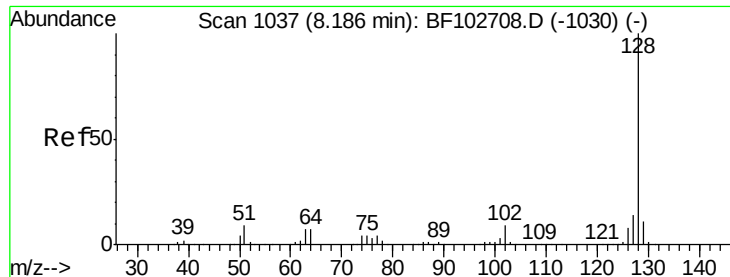
Tot Ion:162 Resp: 377624
Ion Ratio Lower Upper
162 100
164 63.6 42.7 82.7
98 38.0 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 38.013 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Tgt Ion:180 Resp: 407299
Ion Ratio Lower Upper
180 100
182 92.8 76.8 115.2
145 33.6 26.5 39.7





#31

Naphthalene

Concen: 37.505 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

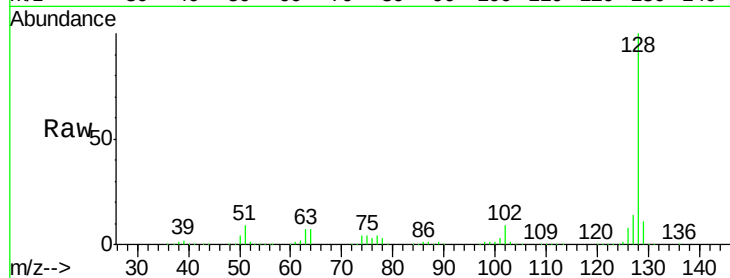
Tot Ion:128 Resp: 1361384

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

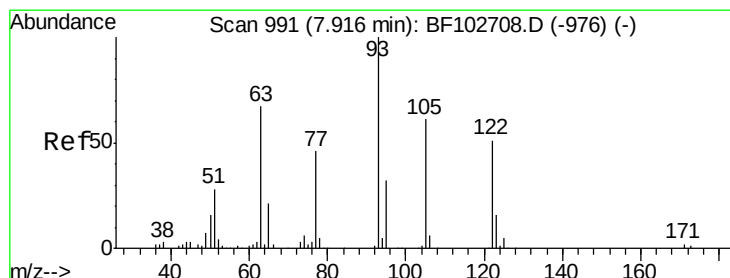
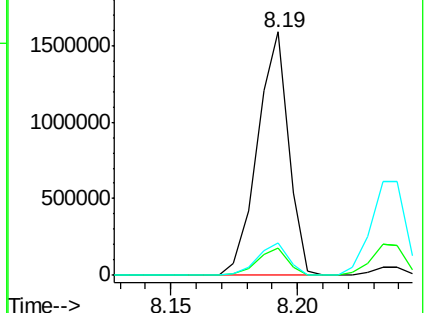
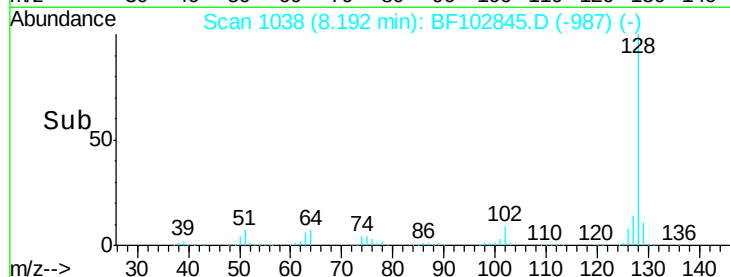
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.514 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

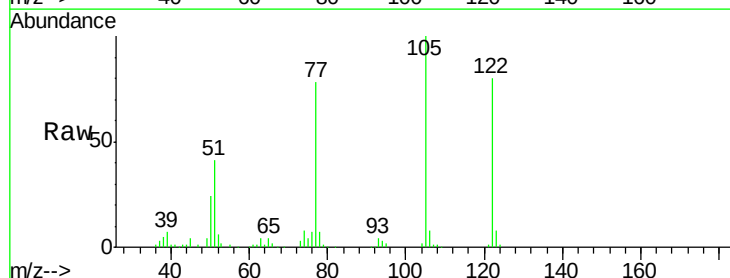
Tgt Ion:122 Resp: 211088

Ion Ratio Lower Upper

122 100

105 125.5 101.1 141.1

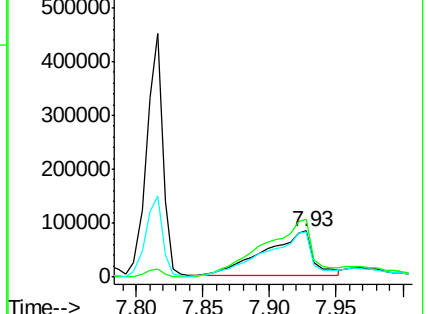
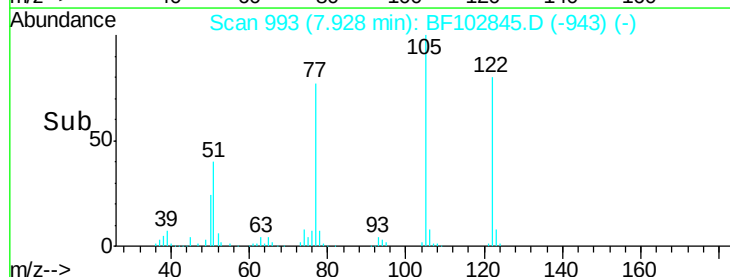
77 97.3 70.7 110.7

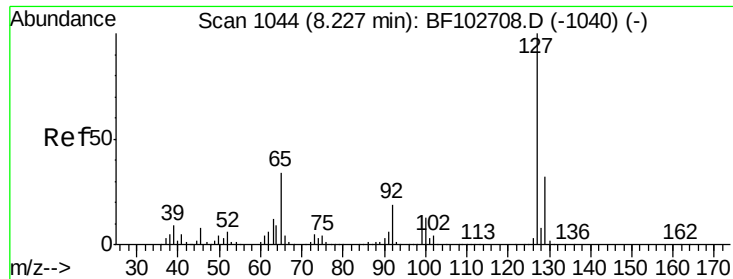


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

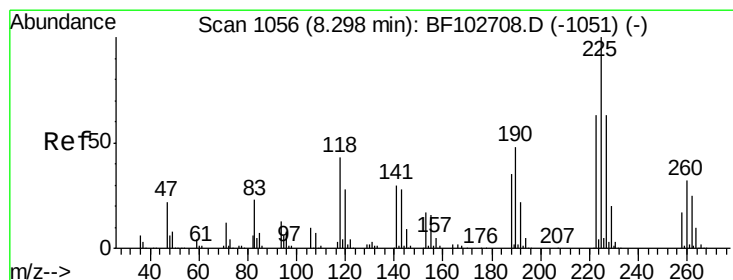
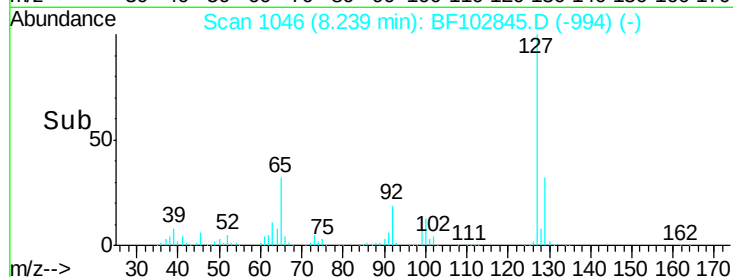
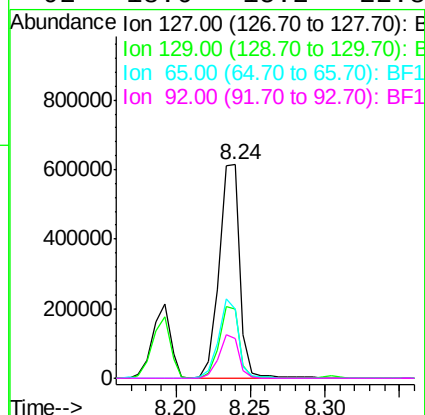
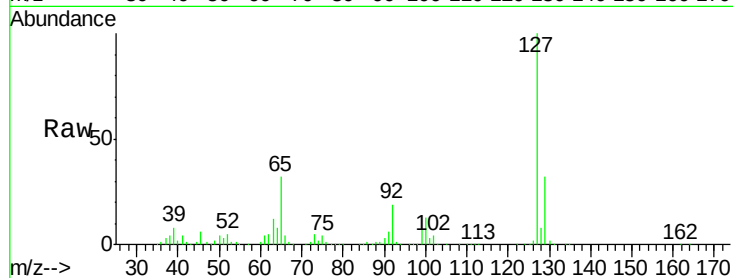




#33
4-Chloroaniline
Concen: 38.489 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

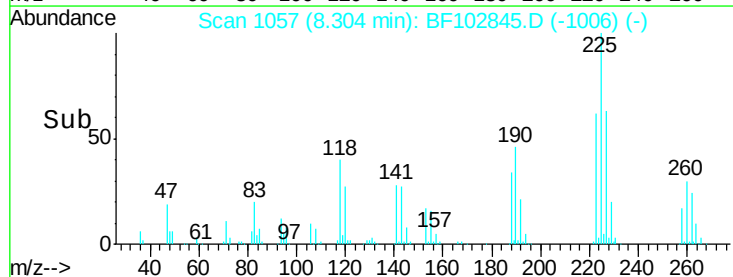
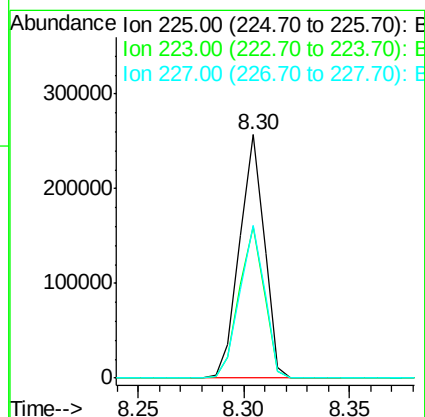
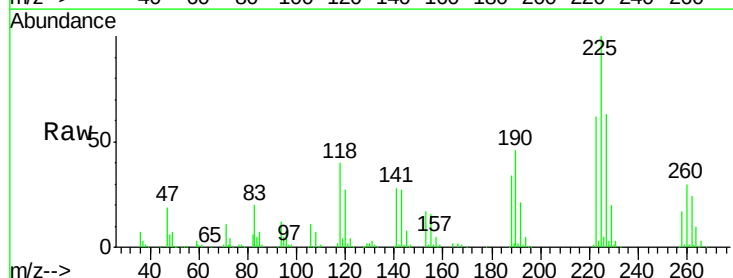
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

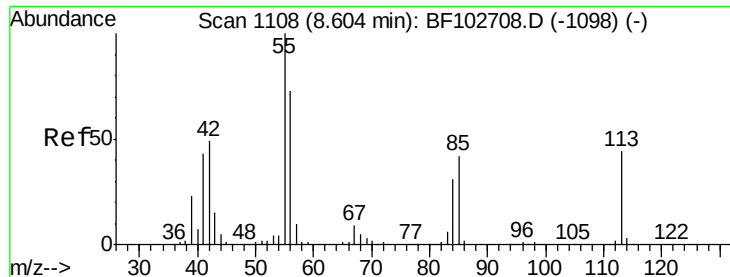
Tot Ion:	127	Resp:	601858
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	32.3	25.0	37.4
92	18.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.912 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Tgt Ion:	225	Resp:	208154
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	62.7	51.9	77.9

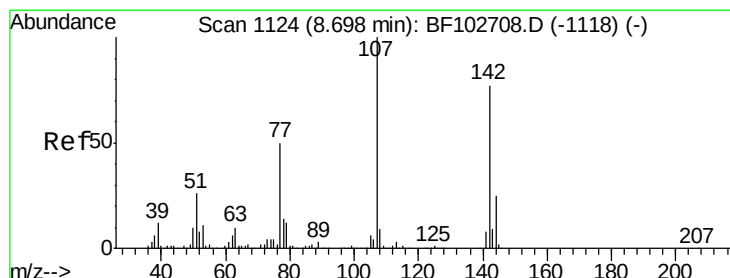
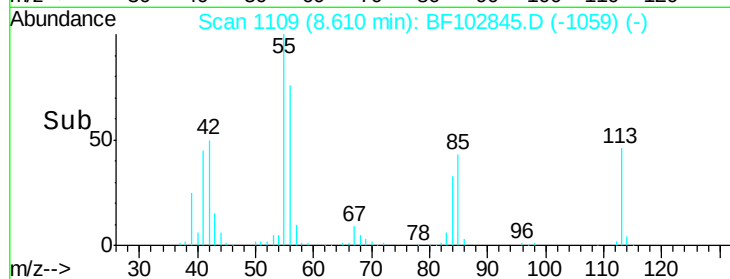
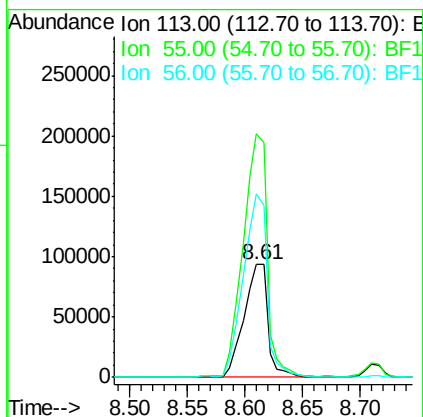
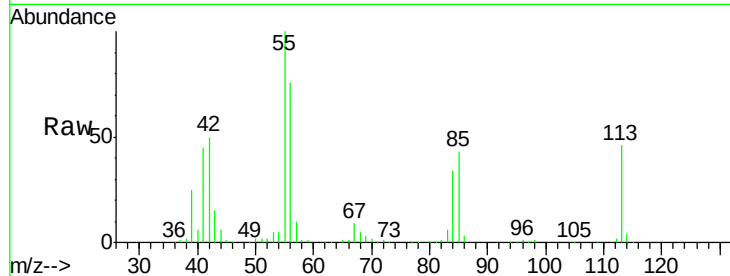




#35
 Caprolactam
 Concen: 40.948 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF102845.D
 Acq: 8 Feb 2018 10:16

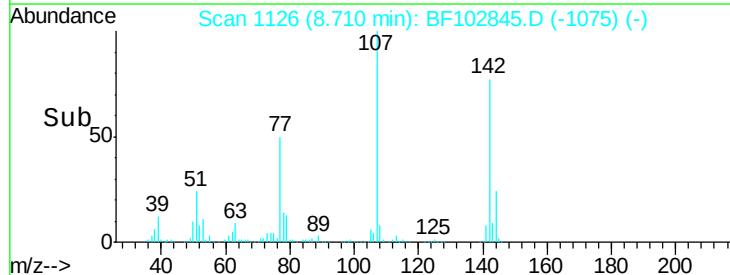
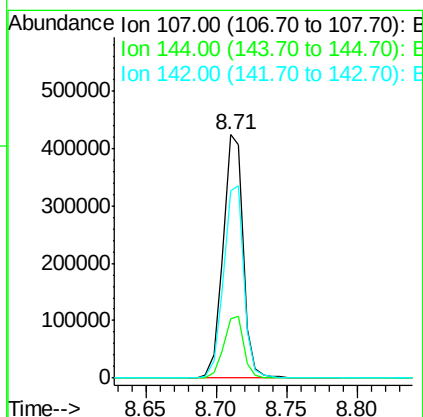
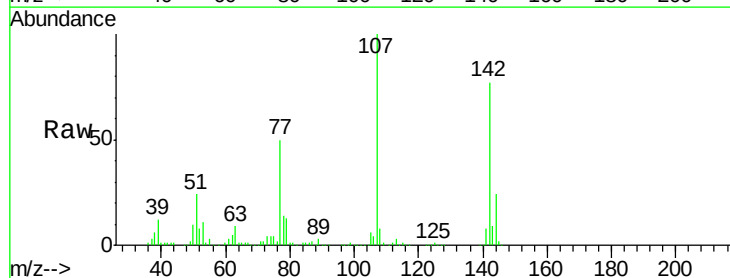
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

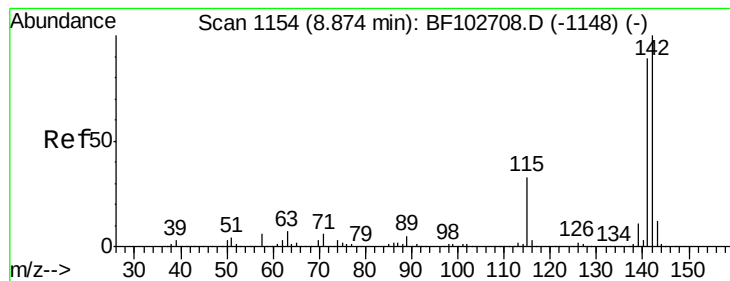
Tot Ion:113 Resp: 134689
 Ion Ratio Lower Upper
 113 100
 55 215.5 163.3 203.3#
 56 162.9 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.557 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF102845.D
 Acq: 8 Feb 2018 10:16

Tgt Ion:107 Resp: 420955
 Ion Ratio Lower Upper
 107 100
 144 24.1 20.5 30.7
 142 76.7 62.0 93.0





#37

2-Methylnaphthalene

Concen: 36.410 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

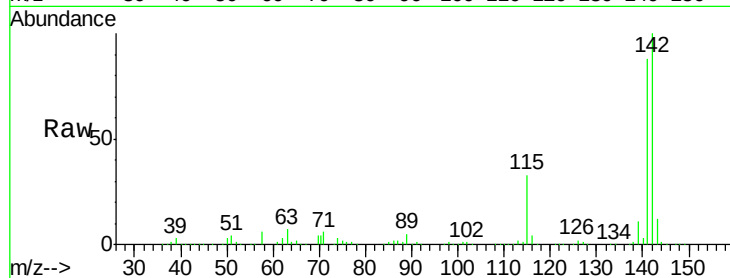
Tot Ion:142 Resp: 865289

Ion Ratio Lower Upper

142 100

141 88.2 70.8 106.2

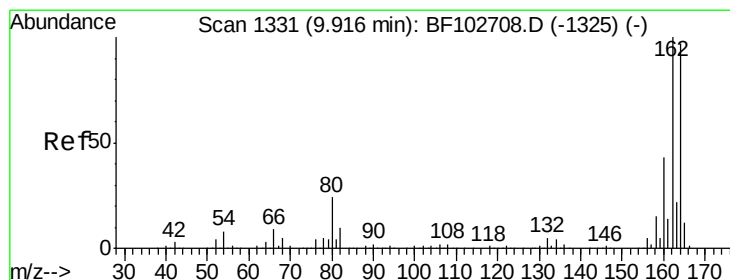
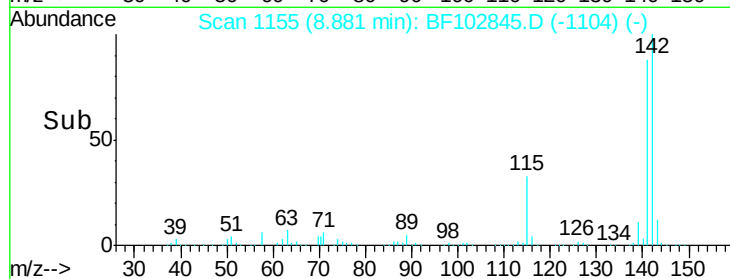
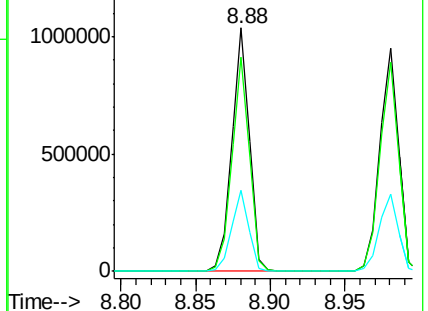
115 33.3 26.1 39.1



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: BF102845.D

Acq: 8 Feb 2018 10:16

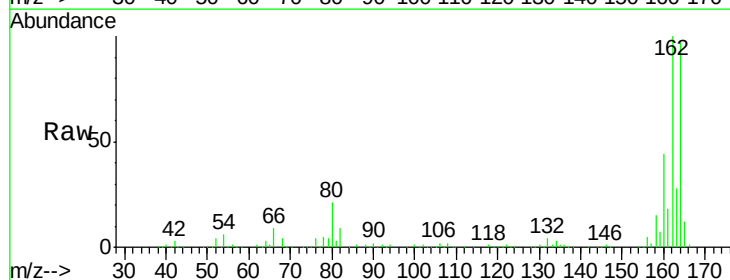
Tgt Ion:164 Resp: 337855

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

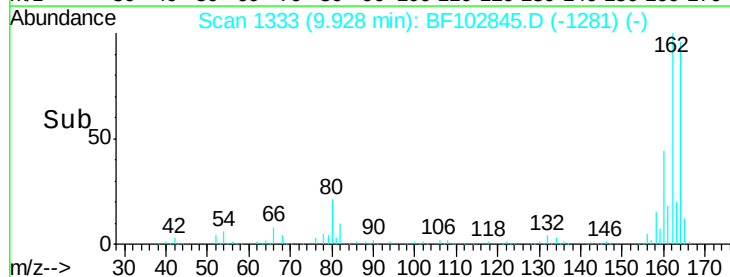
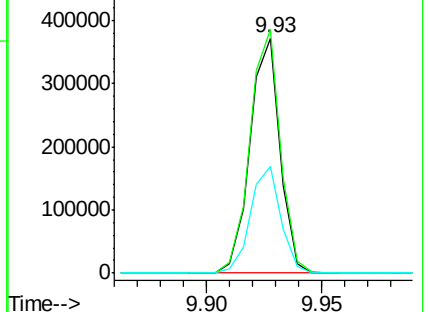
160 45.3 38.3 57.5

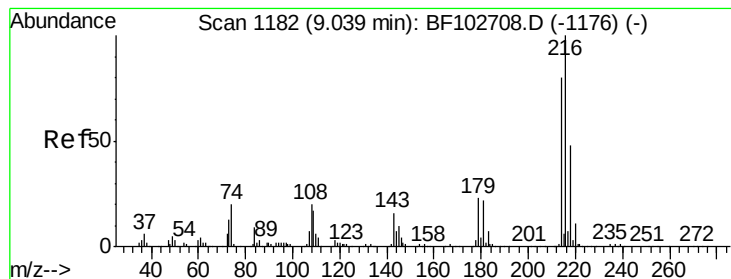


Abundance Ion 164.00 (163.70 to 164.70): E

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: 37.263 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 342787

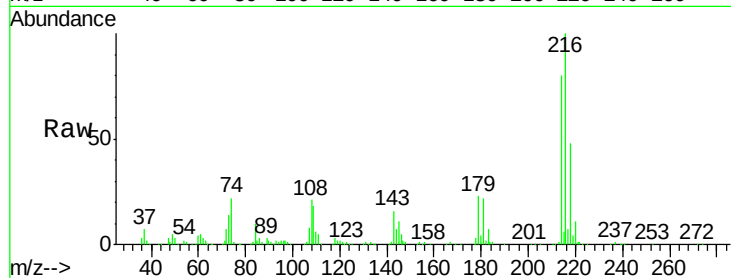
Ion Ratio Lower Upper

216 100

214 80.8 63.0 94.4

179 23.3 18.1 27.1

108 23.1 17.2 25.8

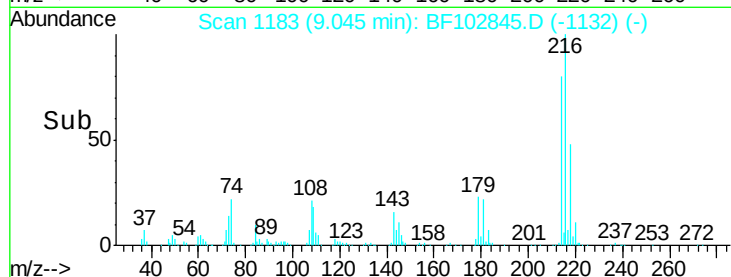


Abundance Ion 216.00 (215.70 to 216.70): E

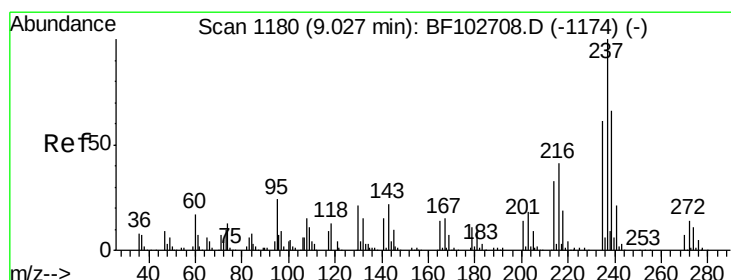
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 39.132 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

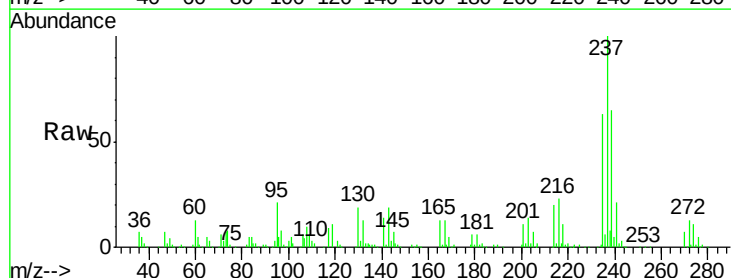
Tgt Ion:237 Resp: 171129

Ion Ratio Lower Upper

237 100

235 62.7 44.8 84.8

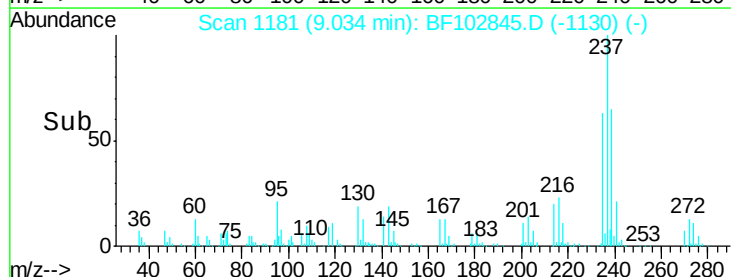
272 13.4 0.0 33.3



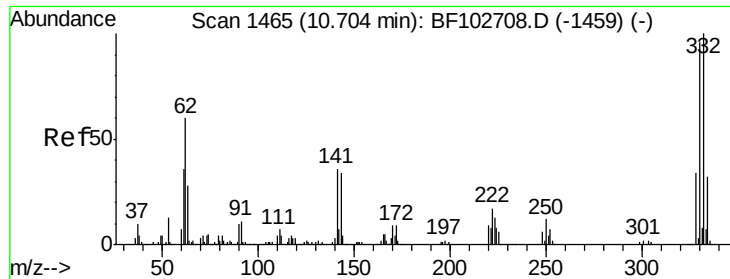
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



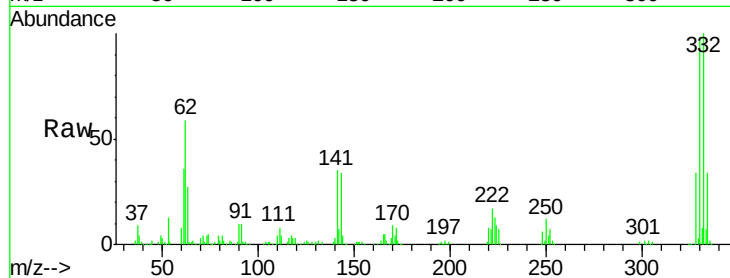
Time-->



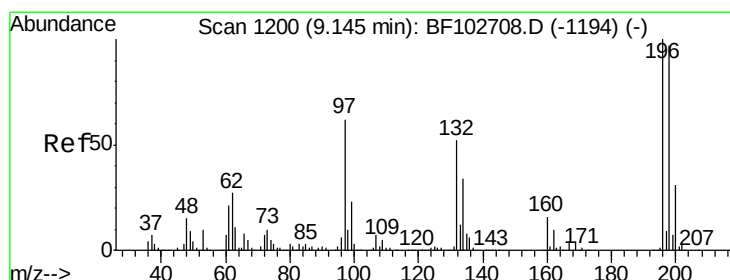
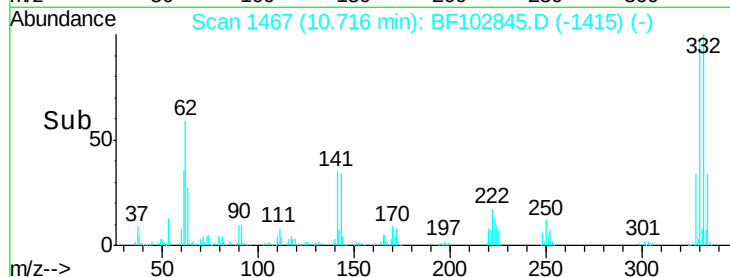
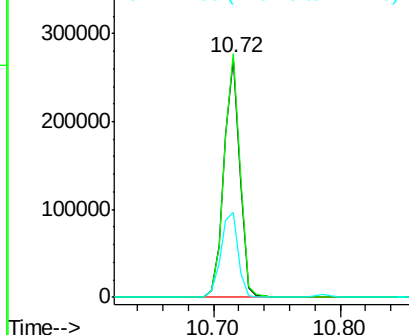
#41
 2,4,6-Tribromophenol
 Concen: 87.119 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102845.D
 Acq: 8 Feb 2018 10:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.5	77.0	115.6
141	39.4	29.9	44.9

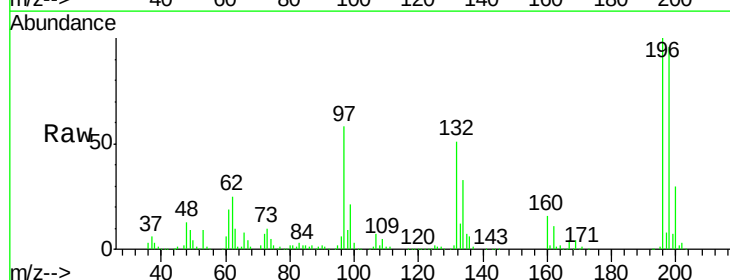


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

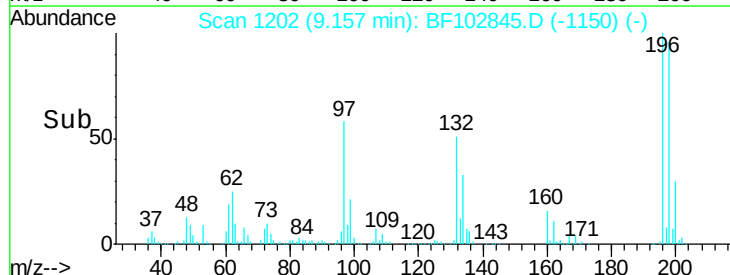
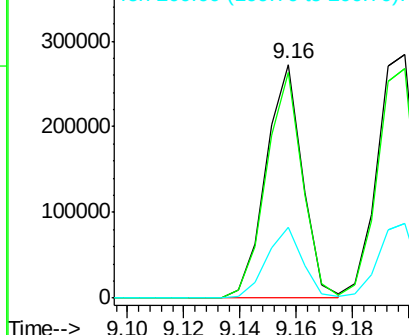


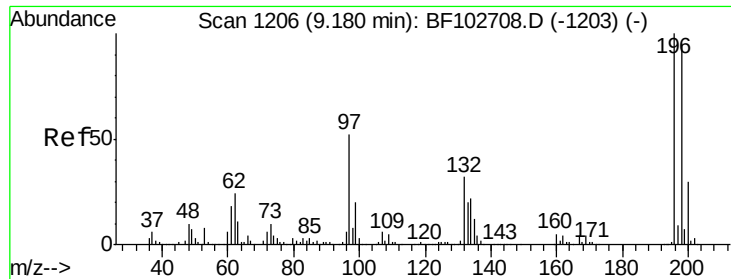
#42
 2,4,6-Trichlorophenol
 Concen: 40.390 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102845.D
 Acq: 8 Feb 2018 10:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.7	113.5
200	30.5	24.5	36.7



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

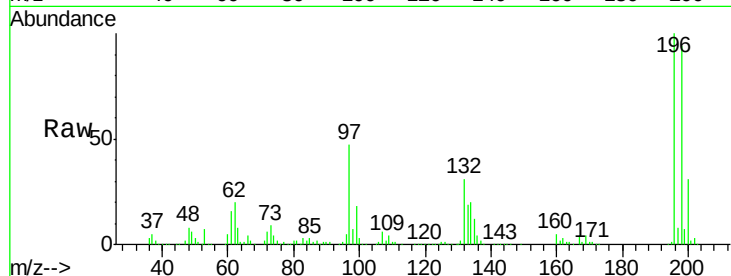




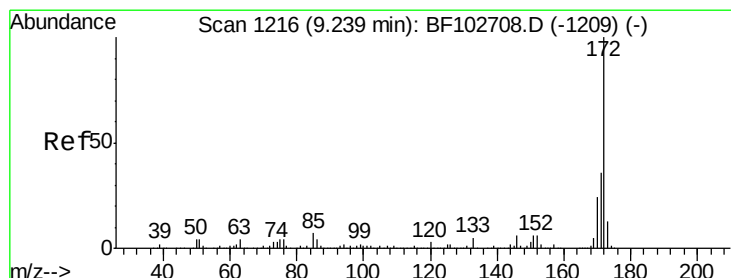
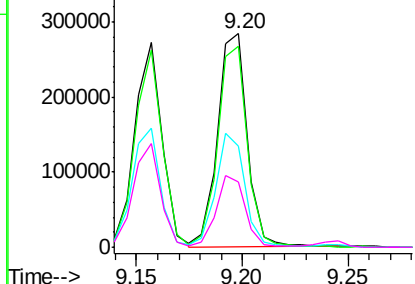
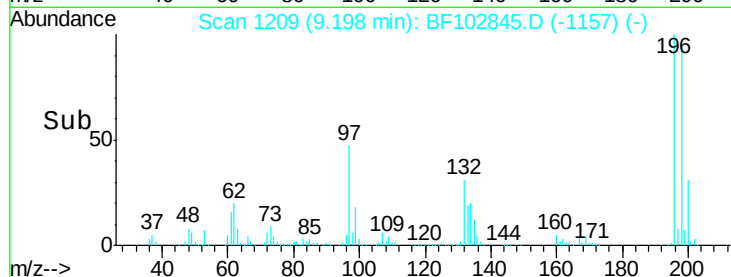
#43
 2,4,5-Trichlorophenol
 Concen: 40.256 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102845.D
 Acq: 8 Feb 2018 10:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 274156
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.6 112.0
 97 47.3 42.9 64.3
 132 30.8 26.3 39.5

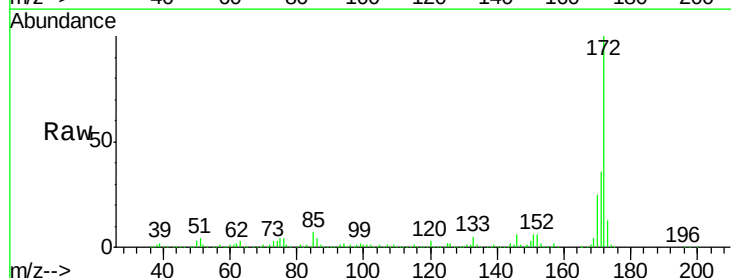


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

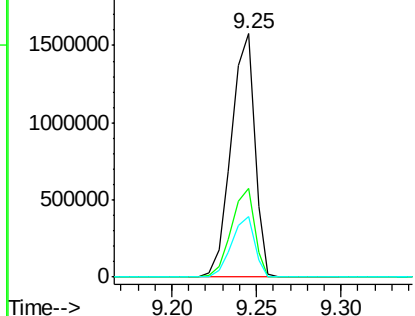
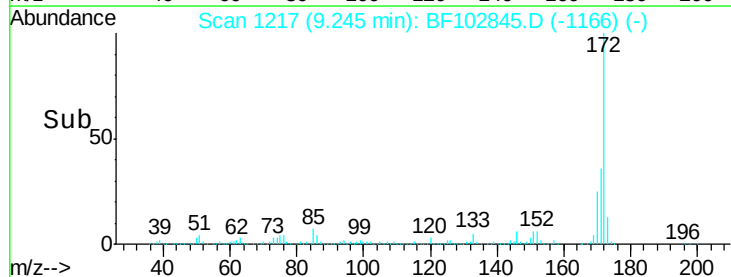


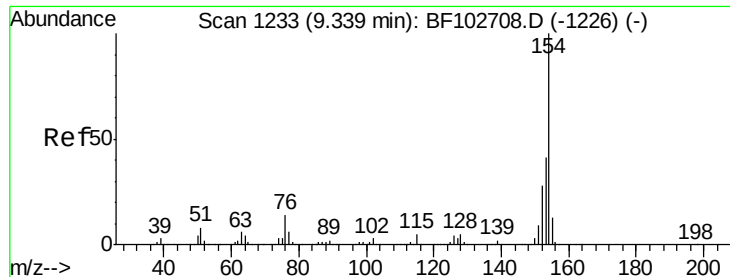
#44
 2-Fluorobiphenyl
 Concen: 74.847 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102845.D
 Acq: 8 Feb 2018 10:16

Tgt Ion:172 Resp: 1523928
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.6 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: 36.661 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

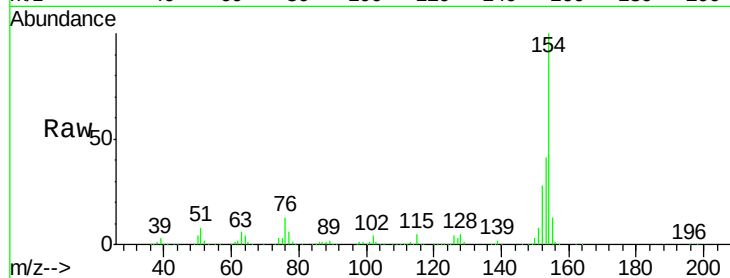
Tot Ion:154 Resp: 1043236

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

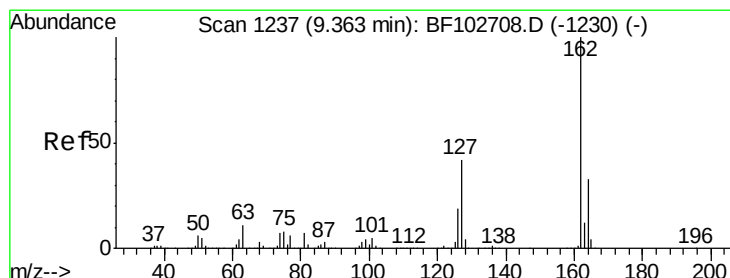
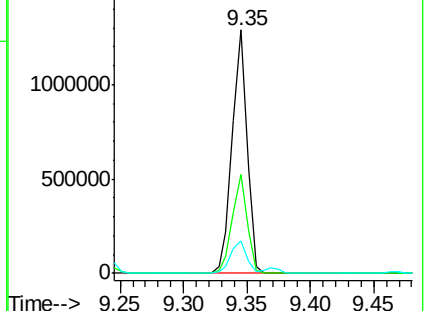
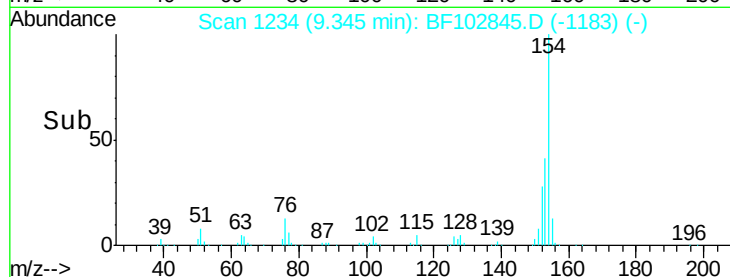
76 13.3 0.0 34.0



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: 37.594 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

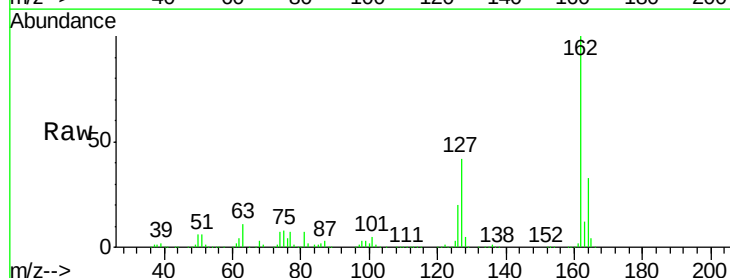
Tgt Ion:162 Resp: 842213

Ion Ratio Lower Upper

162 100

127 42.1 33.9 50.9

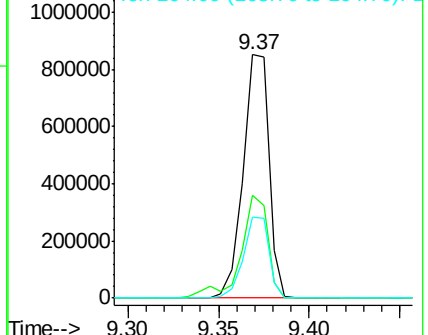
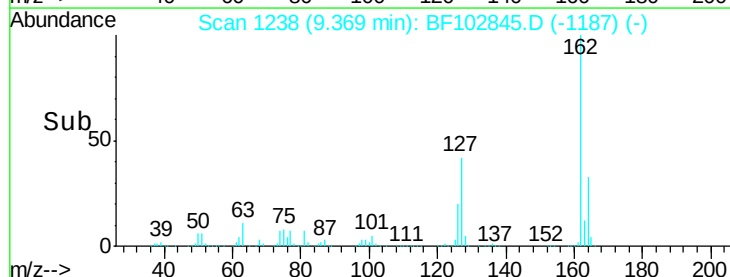
164 33.0 26.5 39.7

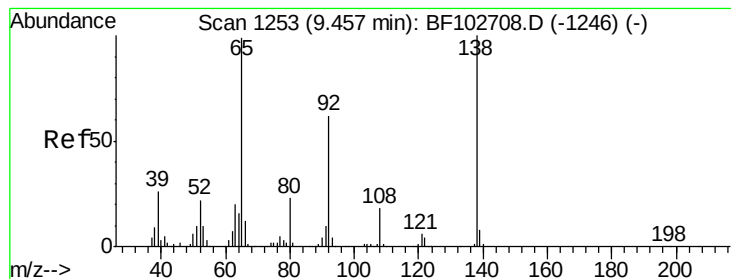


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.513 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

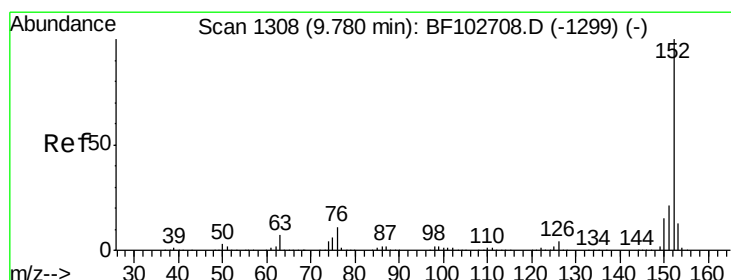
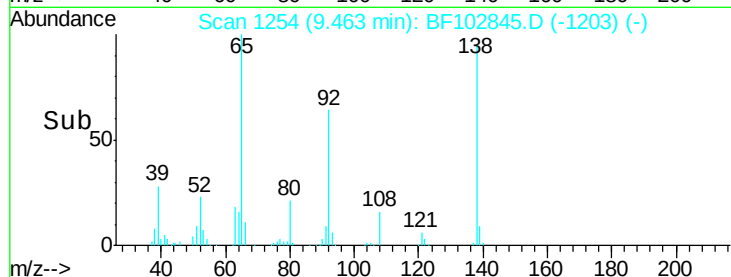
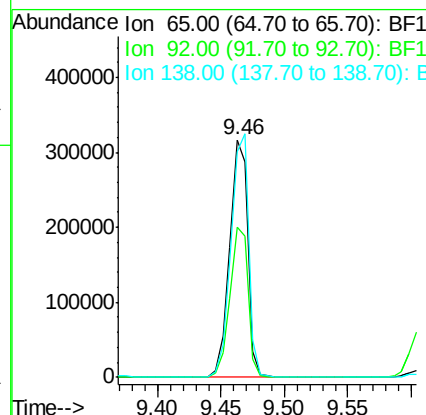
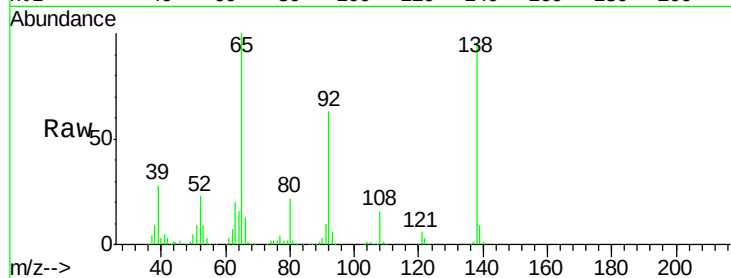
Tot Ion: 65 Resp: 313290

Ion Ratio Lower Upper

65 100

92 63.3 55.8 83.6

138 95.1 91.2 136.8



#48

Acenaphthylene

Concen: 37.518 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

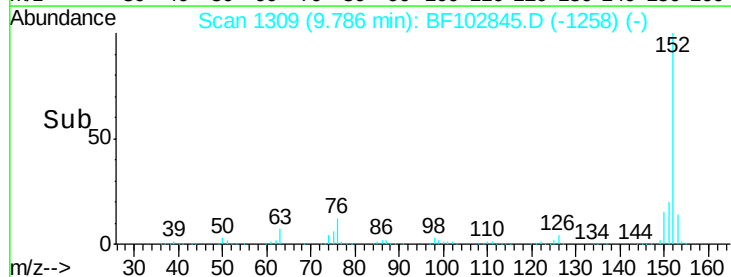
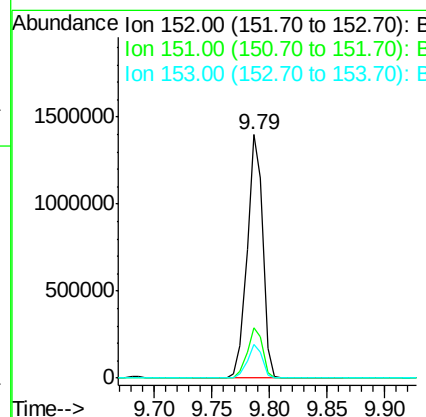
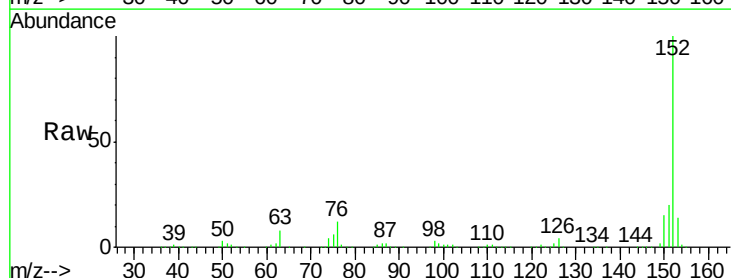
Tgt Ion: 152 Resp: 1305448

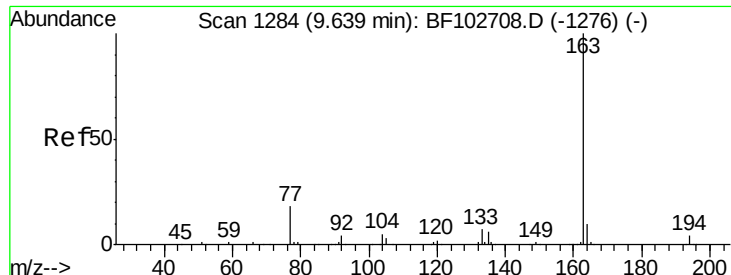
Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.8 10.7 16.1

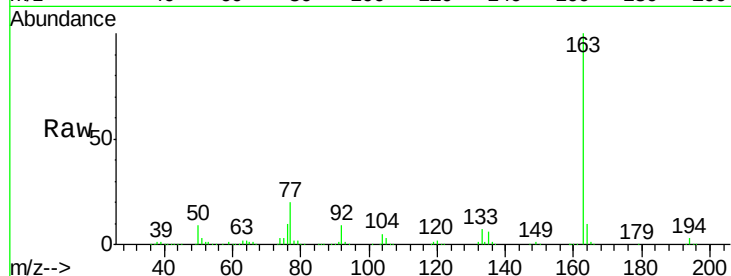




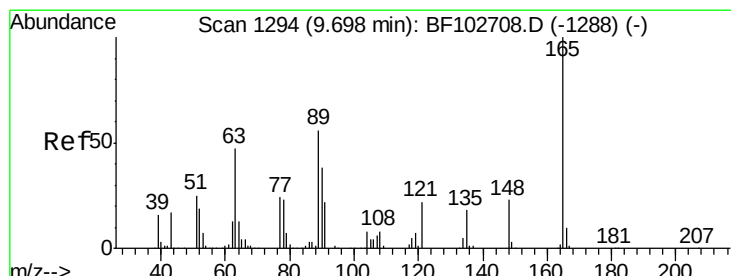
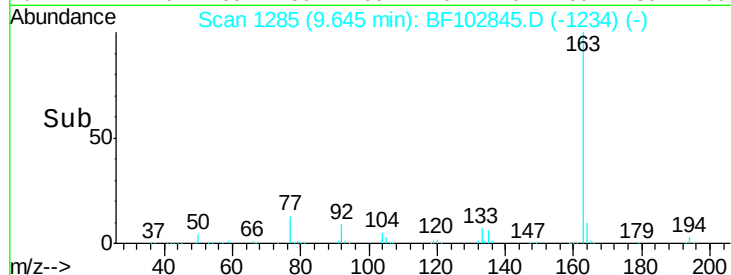
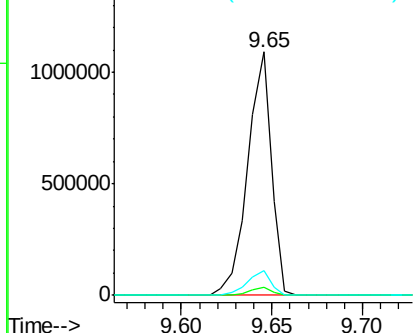
#49
Dimethylphthalate
Concen: 37.697 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 993060
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.2 12.2

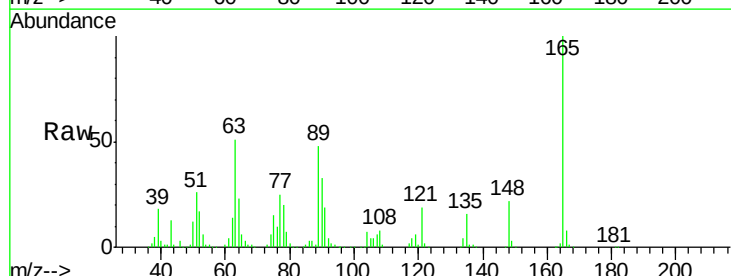


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

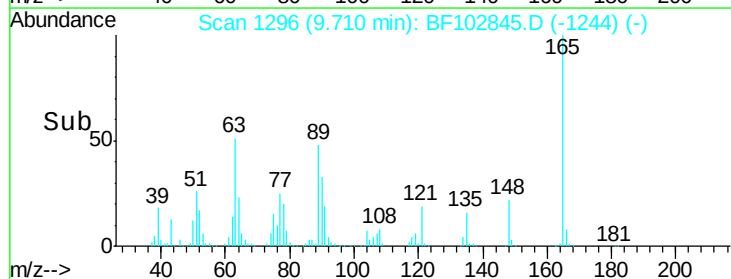
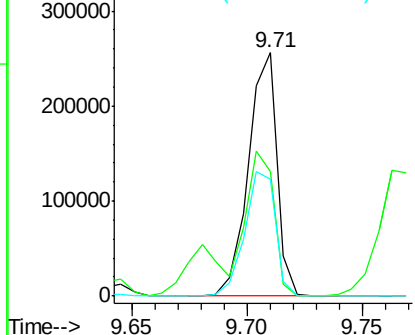


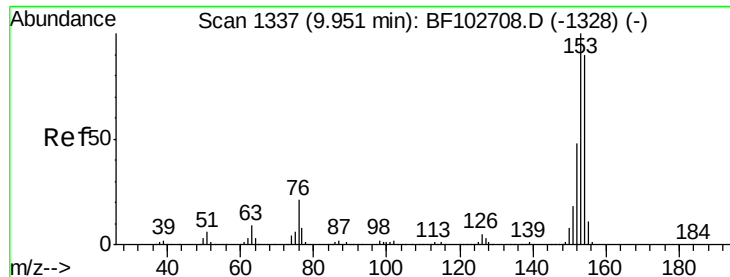
#50
2,6-Dinitrotoluene
Concen: 44.301 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Tgt Ion:165 Resp: 222030
Ion Ratio Lower Upper
165 100
63 51.1 44.7 67.1
89 47.9 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: 39.100 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

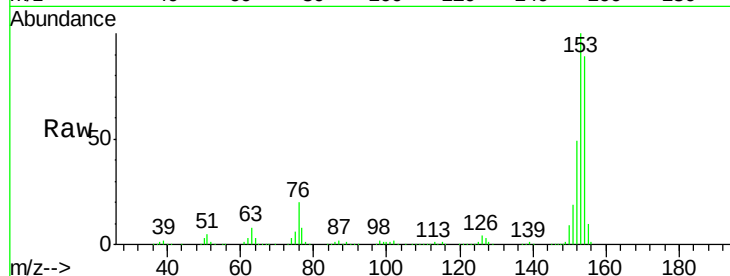
Tot Ion:154 Resp: 813637

Ion Ratio Lower Upper

154 100

153 111.9 91.2 136.8

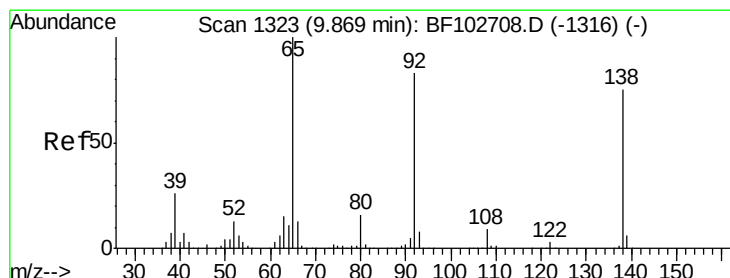
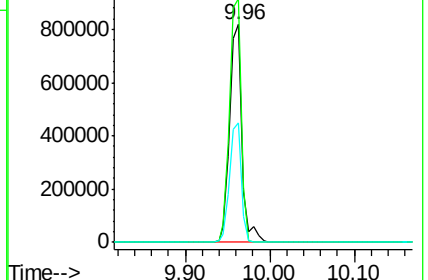
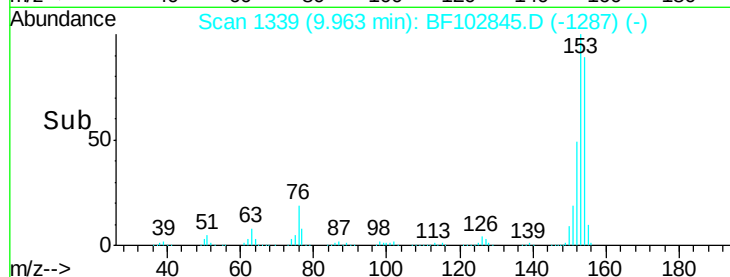
152 54.9 43.8 65.8



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: 44.898 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

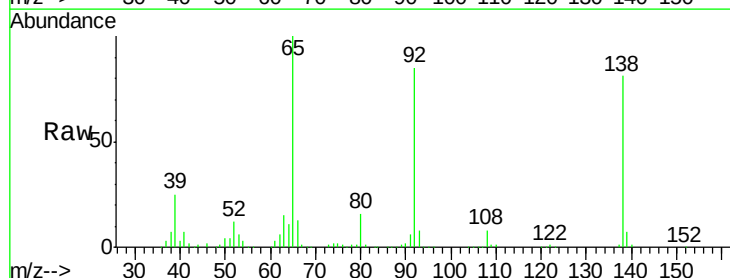
Tgt Ion:138 Resp: 276877

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

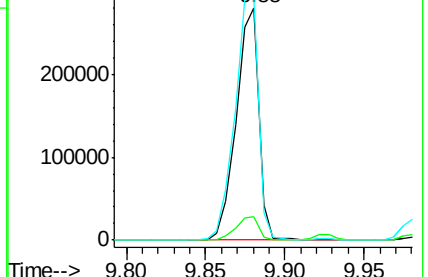
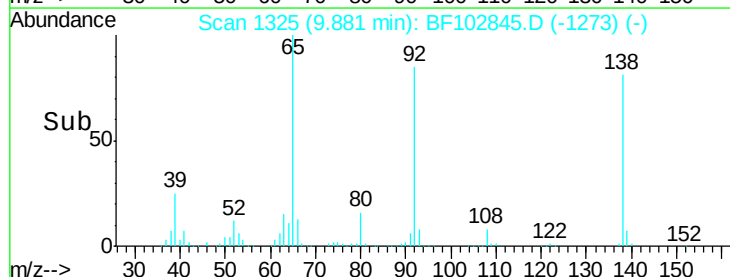
92 104.6 89.4 134.2

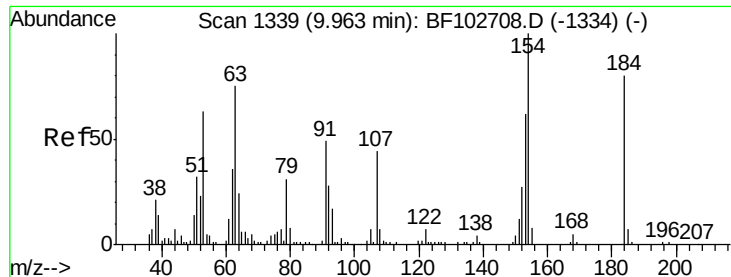


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

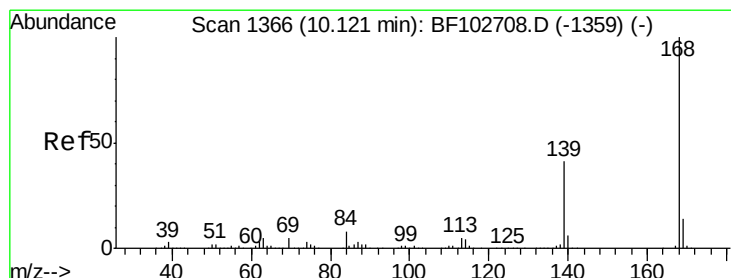
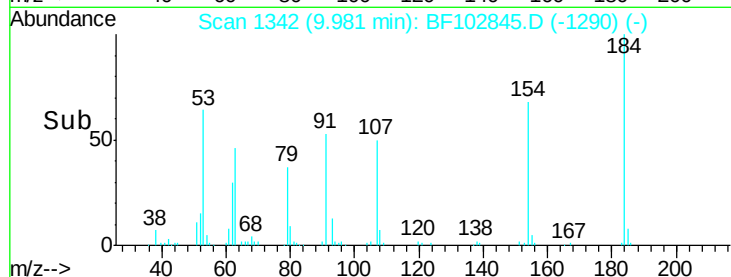
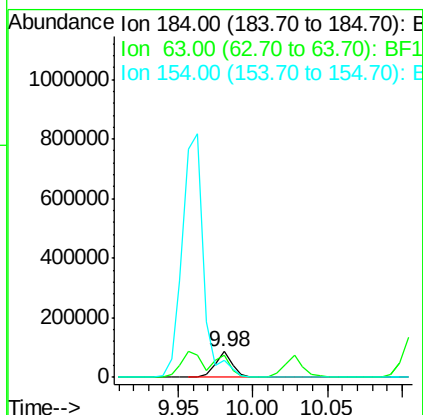
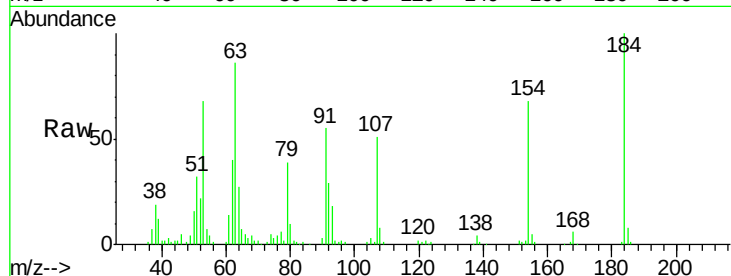




#53
2,4-Dinitrophenol
Concen: 54.503 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

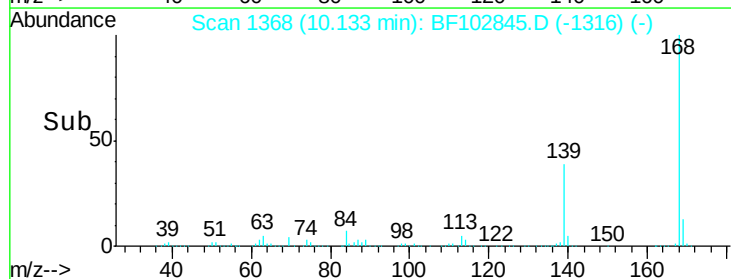
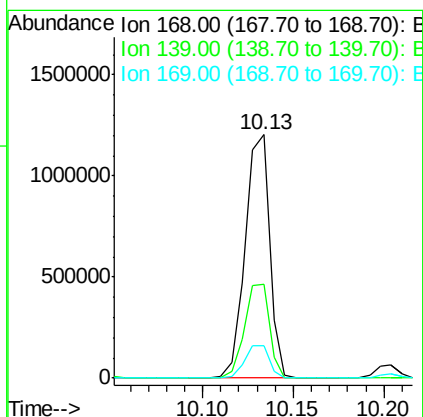
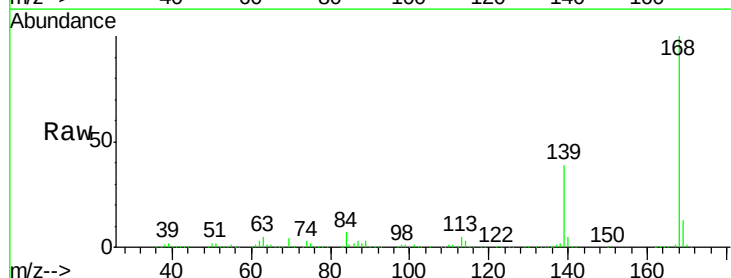
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

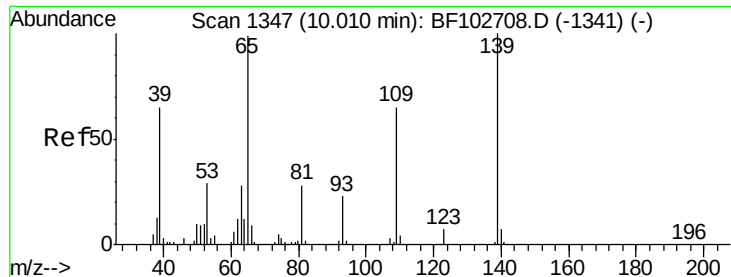
Tot Ion:184 Resp: 70412
Ion Ratio Lower Upper
184 100
63 86.3 54.2 81.2#
154 68.2 184.0 276.0#



#54
Dibenzofuran
Concen: 38.474 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Tgt Ion:168 Resp: 1128271
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 13.3 10.9 16.3

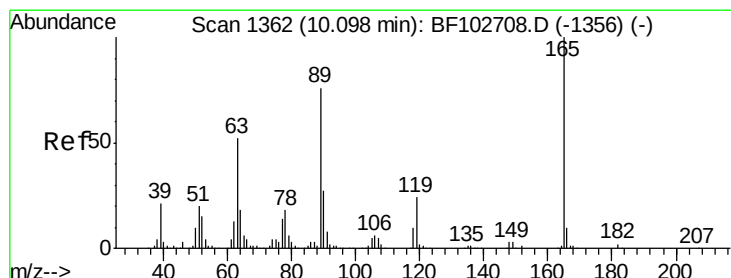
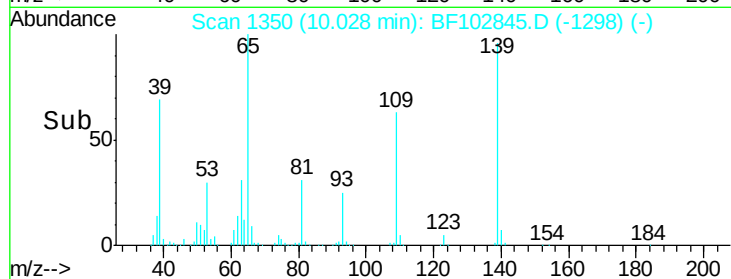
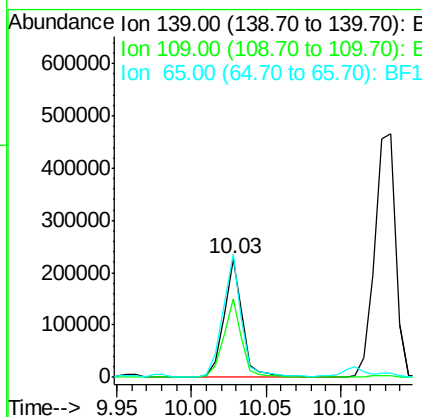
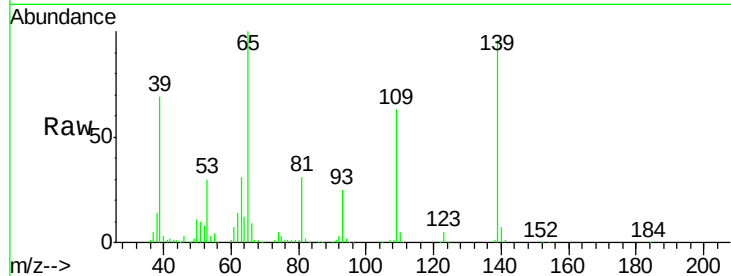




#55
4-Nitrophenol
Concen: 41.625 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

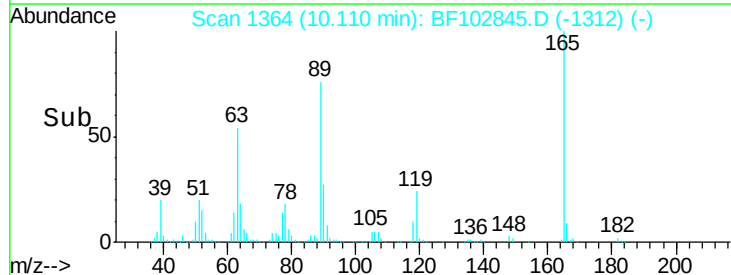
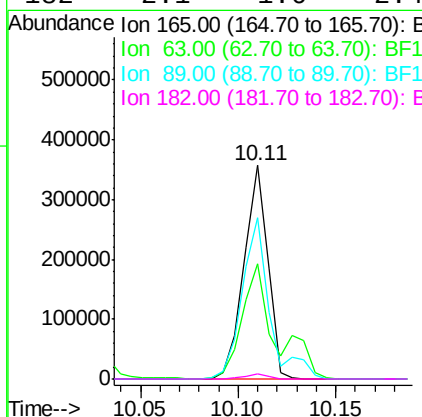
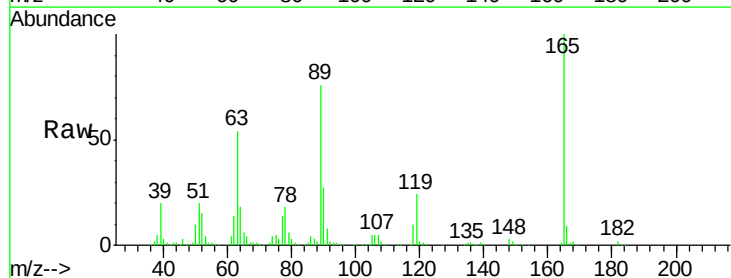
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

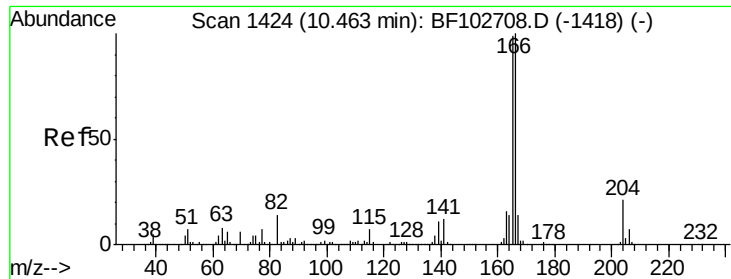
Tot Ion:139 Resp: 200648
Ion Ratio Lower Upper
139 100
109 66.1 48.4 88.4
65 104.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.332 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Tgt Ion:165 Resp: 303478
Ion Ratio Lower Upper
165 100
63 53.9 36.4 54.6
89 75.5 57.8 86.6
182 2.1 1.6 2.4

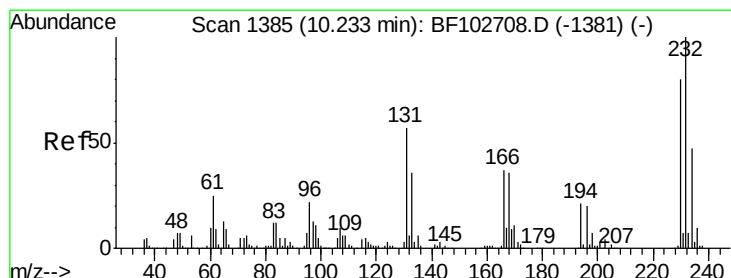
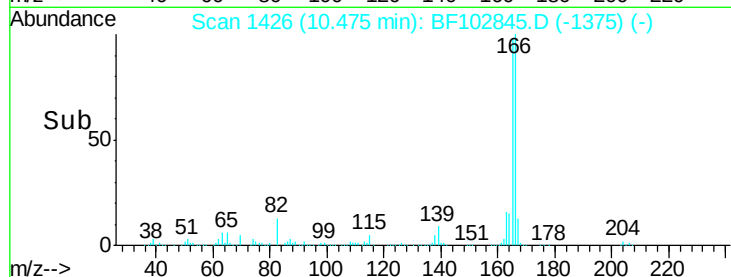
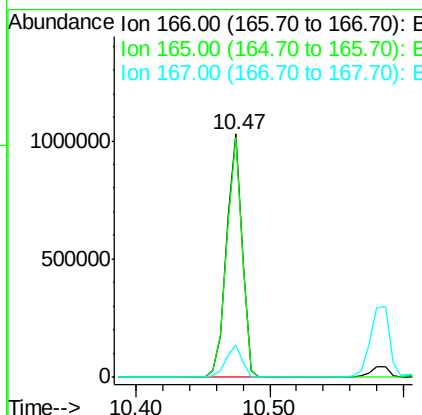
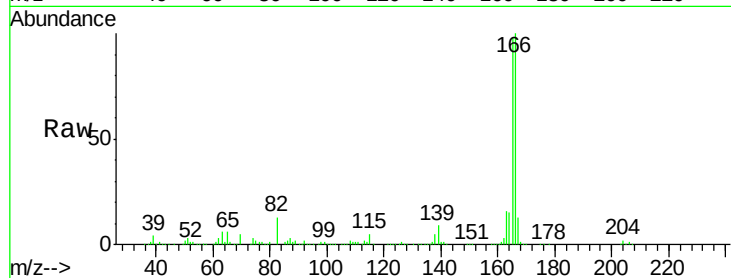




#57
 Fluorene
 Concen: 40.072 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF102845.D
 Acq: 8 Feb 2018 10:16

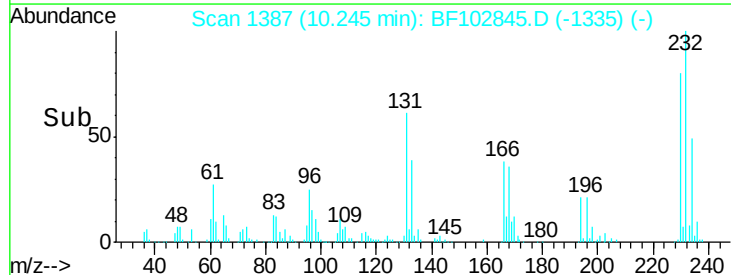
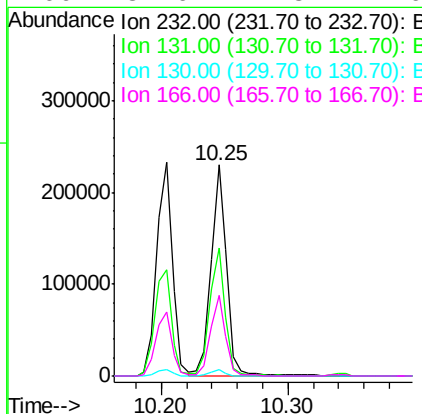
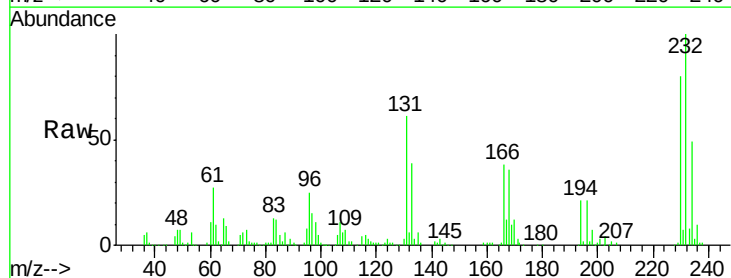
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

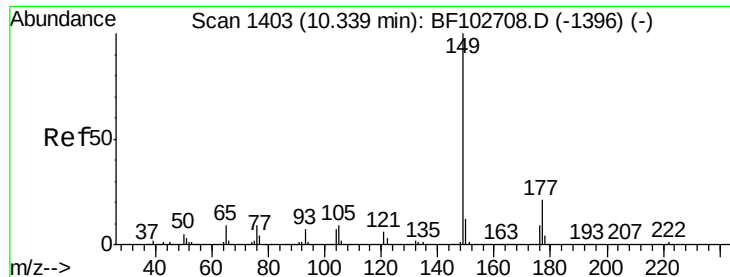
Tot Ion:166 Resp: 854988
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.230 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF102845.D
 Acq: 8 Feb 2018 10:16

Tgt Ion:232 Resp: 199327
 Ion Ratio Lower Upper
 232 100
 131 59.6 43.8 65.8
 130 2.8 2.1 3.1
 166 37.6 27.8 41.6





#59

Diethylphthalate

Concen: 38.615 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

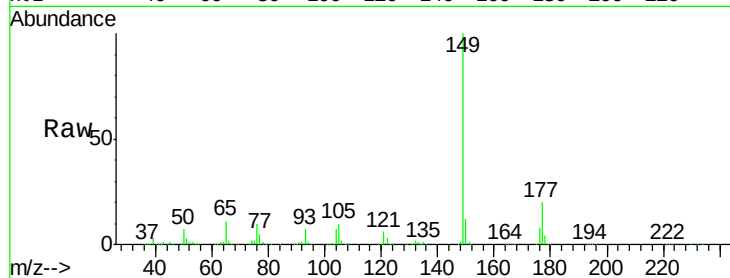
Tot Ion:149 Resp: 1004441

Ion Ratio Lower Upper

149 100

177 20.0 16.1 24.1

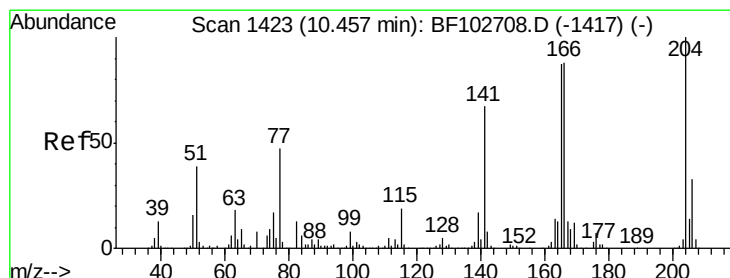
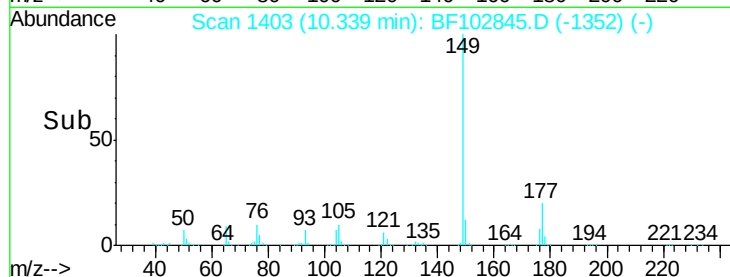
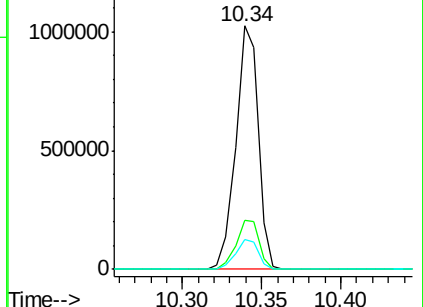
150 12.5 10.1 15.1



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: 40.011 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

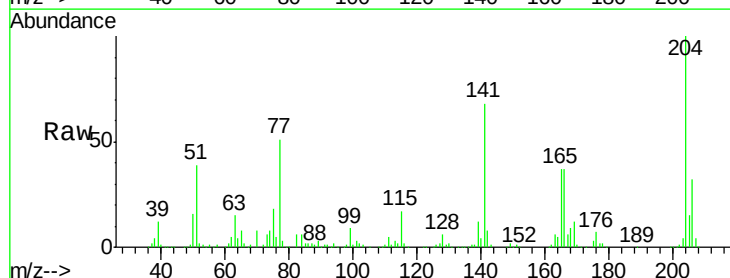
Tgt Ion:204 Resp: 377651

Ion Ratio Lower Upper

204 100

206 32.3 26.5 39.7

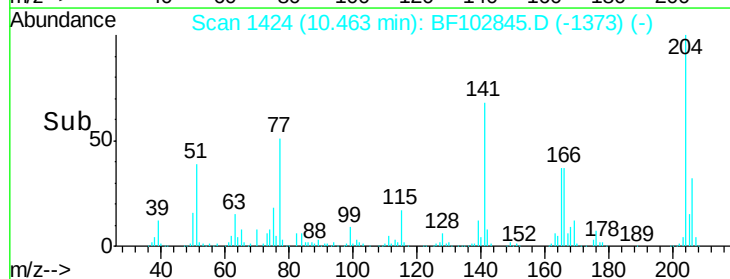
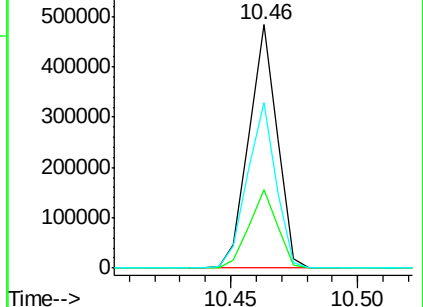
141 68.1 54.6 81.8

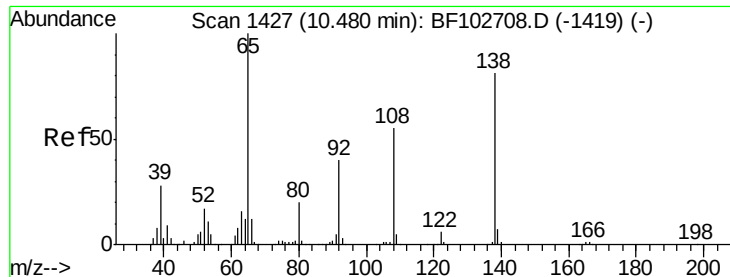


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

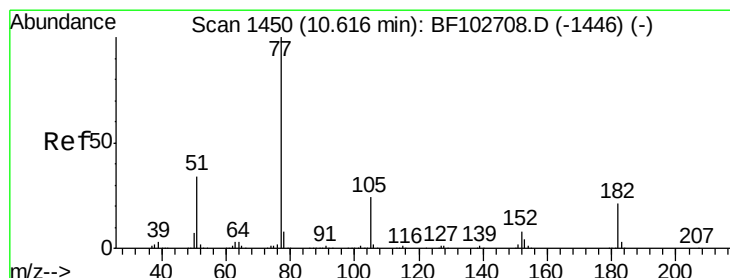
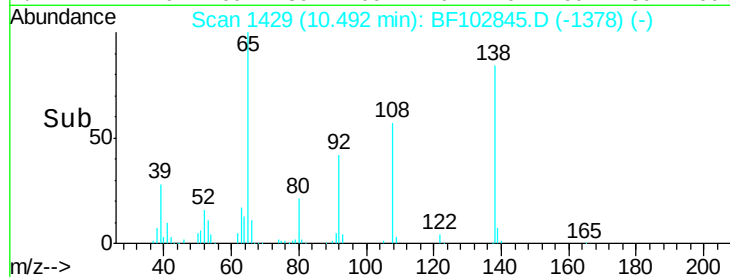
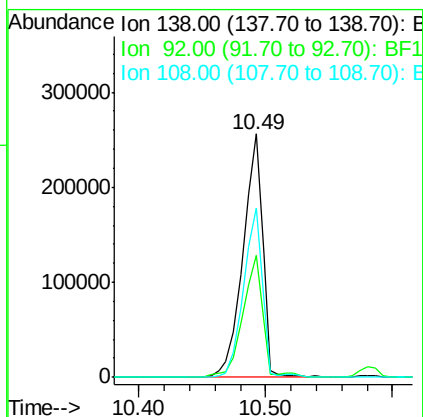
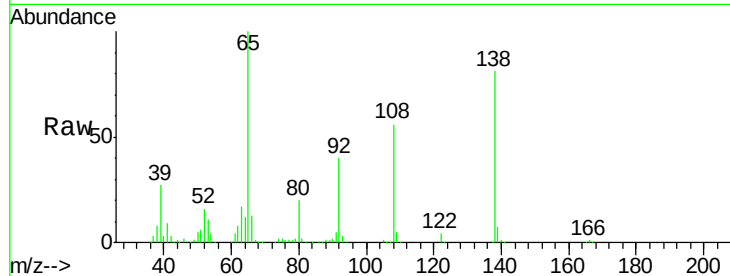




#61
4-Nitroaniline
Concen: 47.014 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

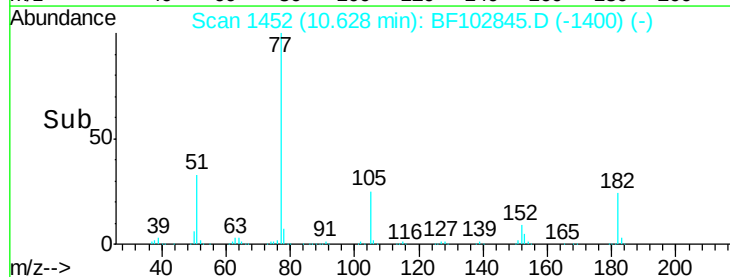
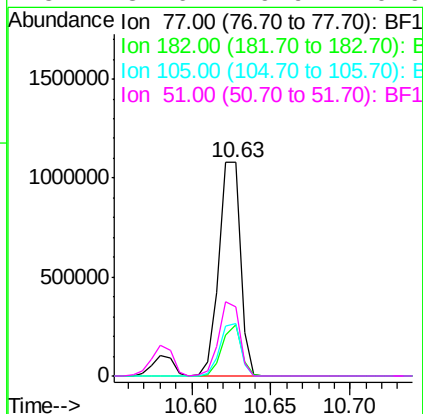
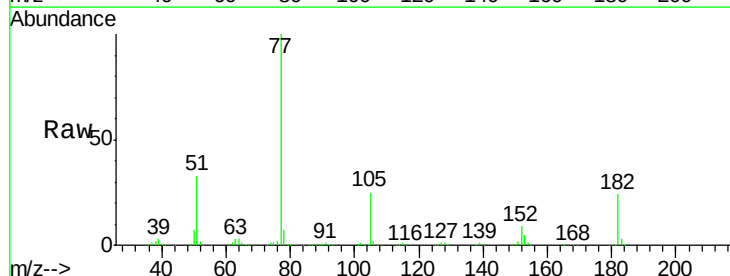
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

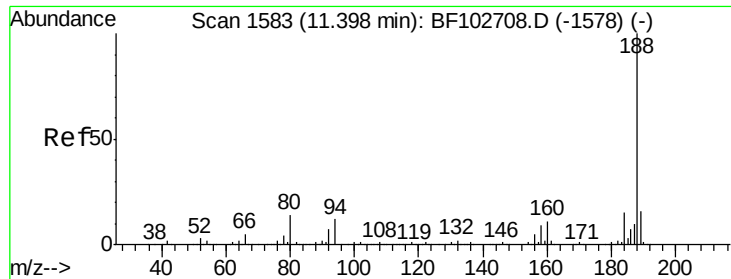
Tot Ion:138 Resp: 275970
Ion Ratio Lower Upper
138 100
92 49.9 30.2 70.2
108 69.7 52.5 92.5



#62
Azobenzene
Concen: 39.228 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Tgt Ion: 77 Resp: 1019373
Ion Ratio Lower Upper
77 100
182 23.8 1.7 41.7
105 24.8 3.0 43.0
51 32.6 9.9 49.9

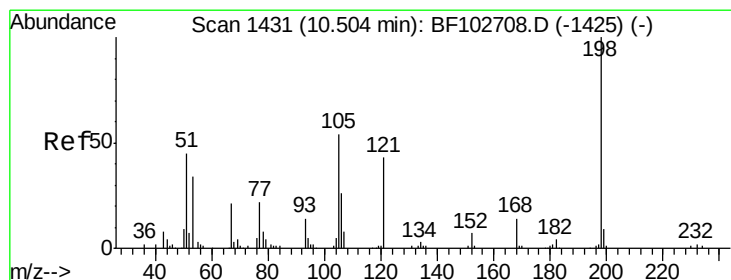
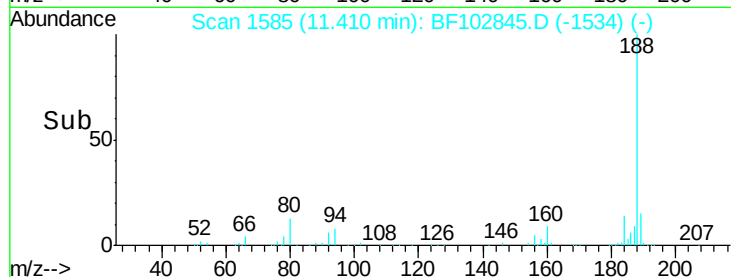
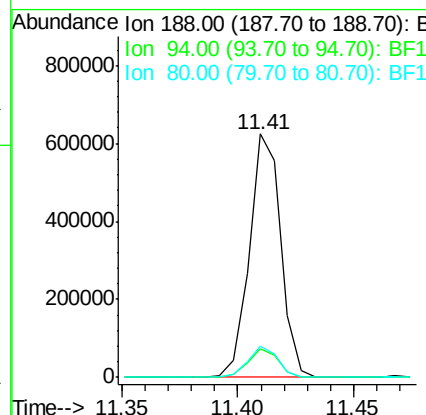
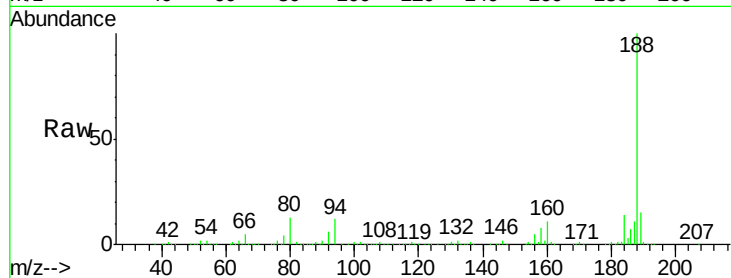




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

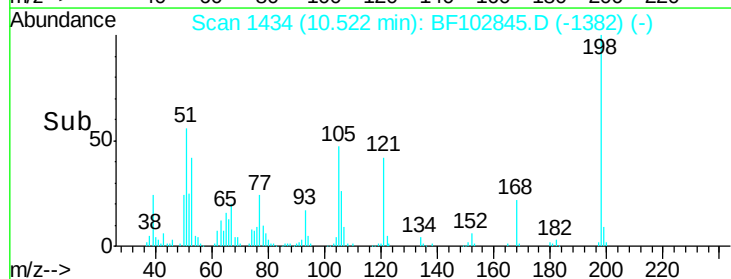
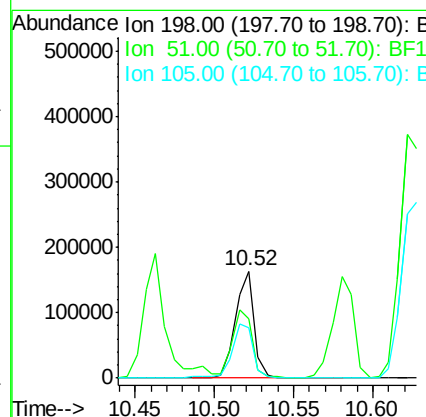
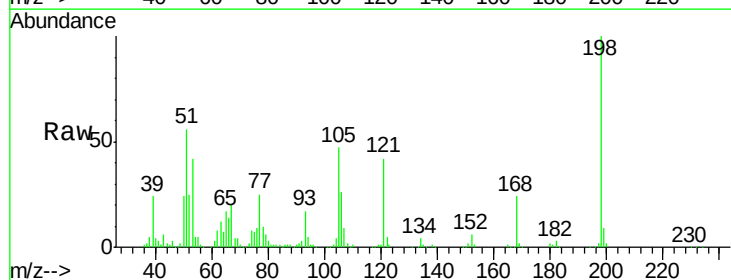
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

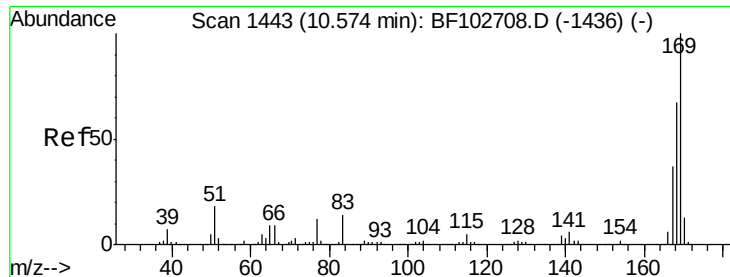
Tot Ion:188 Resp: 591175
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 13.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 52.739 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Tgt Ion:198 Resp: 134253
Ion Ratio Lower Upper
198 100
51 55.7 37.7 77.7
105 47.0 36.3 76.3

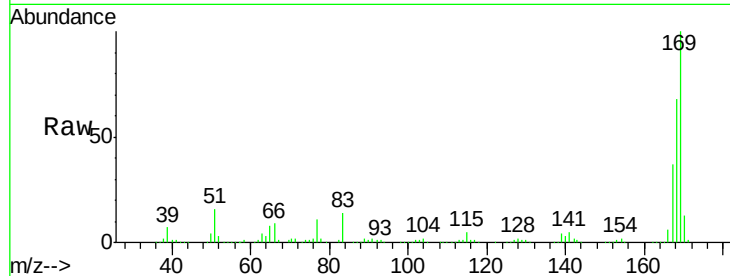




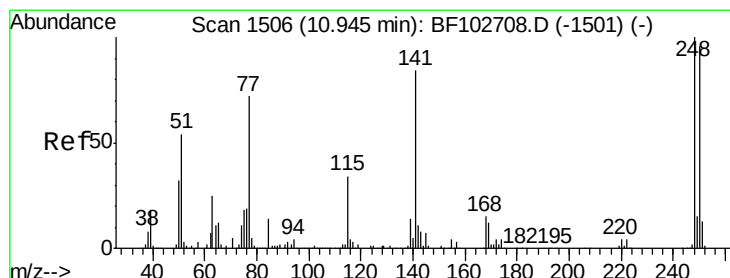
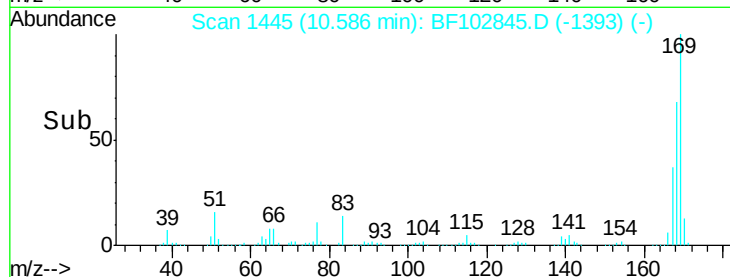
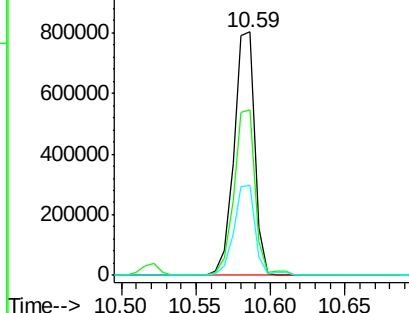
#65
n-Nitrosodiphenylamine
Concen: 37.809 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 788415
Ion Ratio Lower Upper
169 100
168 67.9 54.4 81.6
167 37.1 29.8 44.6

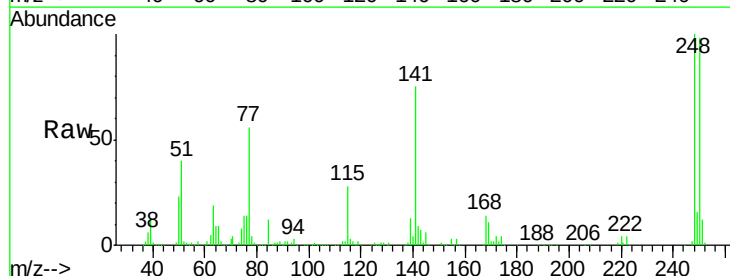


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

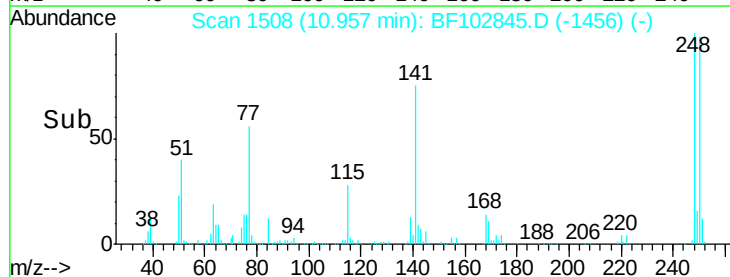
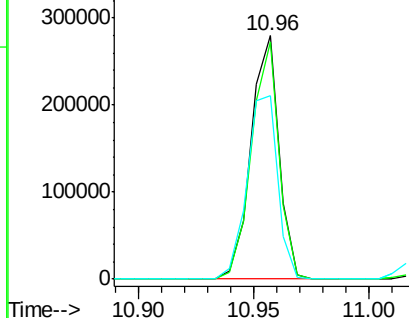


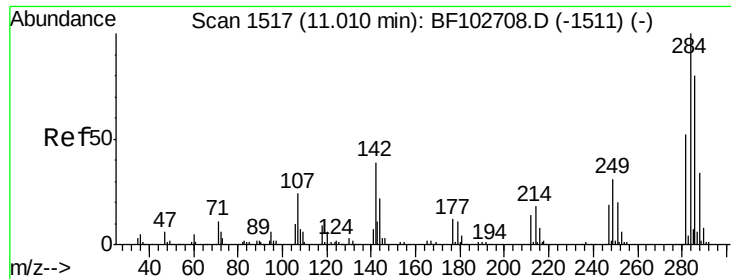
#66
4-Bromophenyl-phenylether
Concen: 37.906 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Tgt Ion:248 Resp: 237047
Ion Ratio Lower Upper
248 100
250 97.5 76.9 115.3
141 75.5 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.812 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

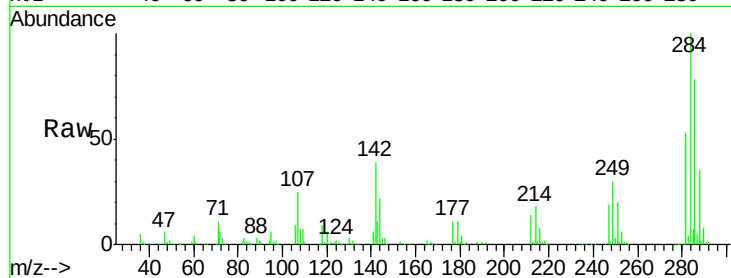
Tot Ion:284 Resp: 260855

Ion Ratio Lower Upper

284 100

142 39.5 34.6 52.0

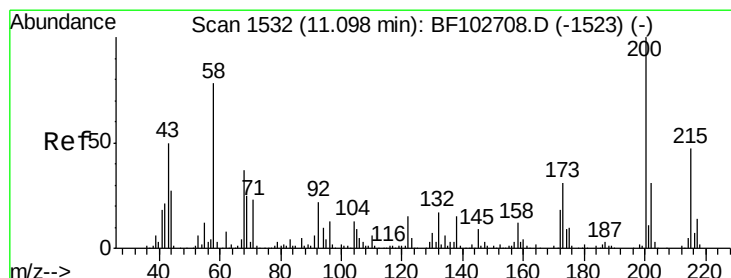
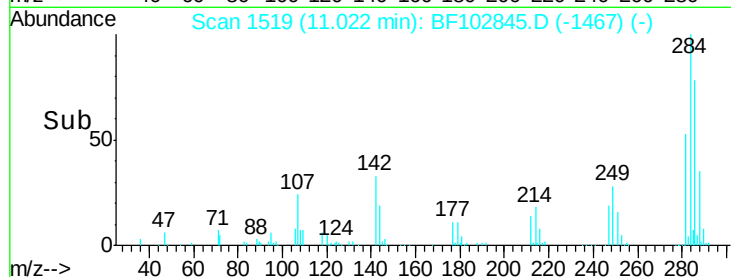
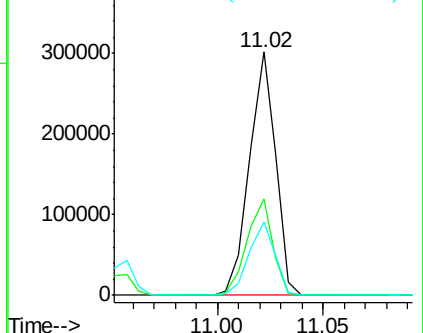
249 30.2 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.398 ng

RT: 11.11 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

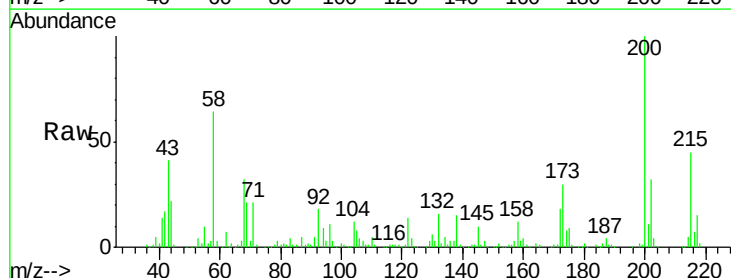
Tgt Ion:200 Resp: 236215

Ion Ratio Lower Upper

200 100

173 29.7 8.6 48.6

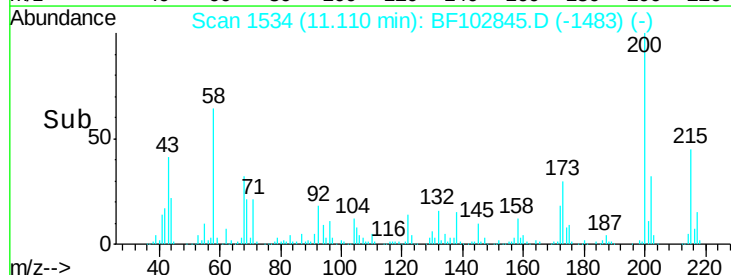
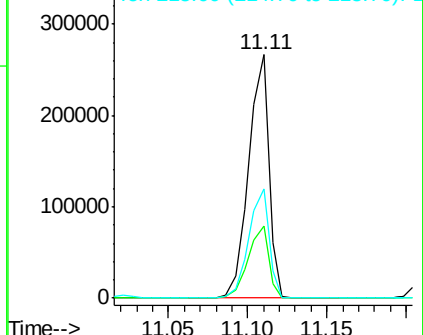
215 44.7 25.1 65.1

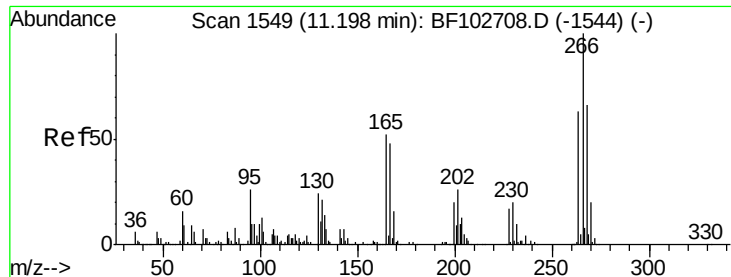


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

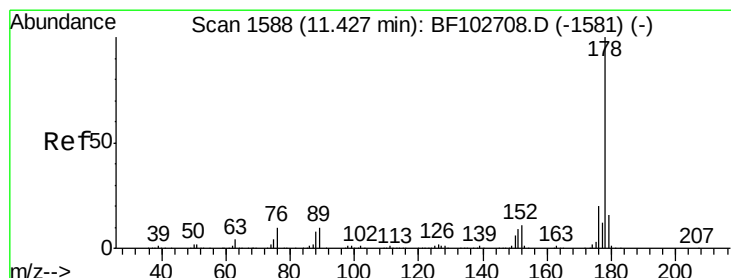
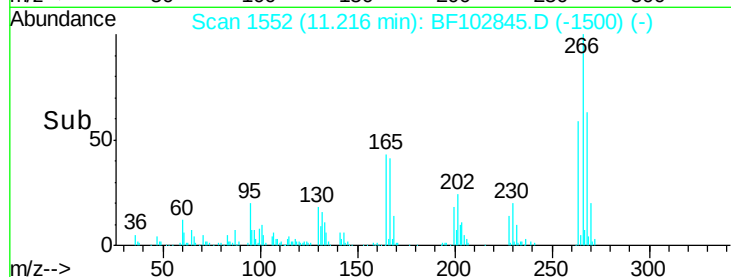
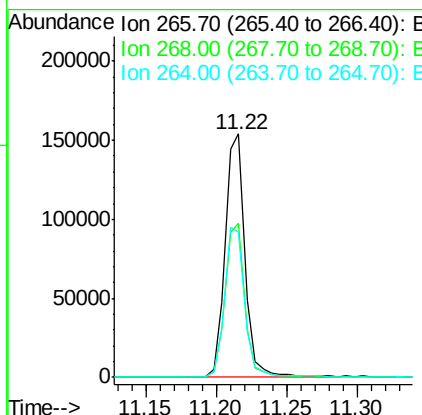
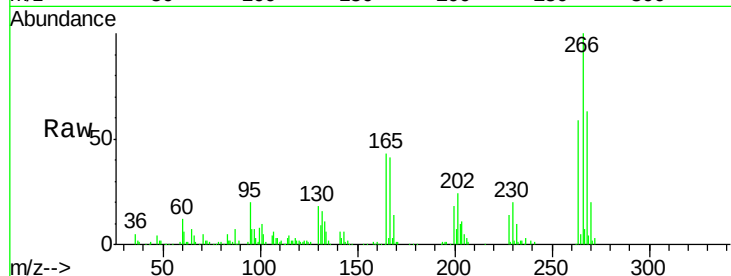




#69
 Pentachlorophenol
 Concen: 37.286 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102845.D
 Acq: 8 Feb 2018 10:16

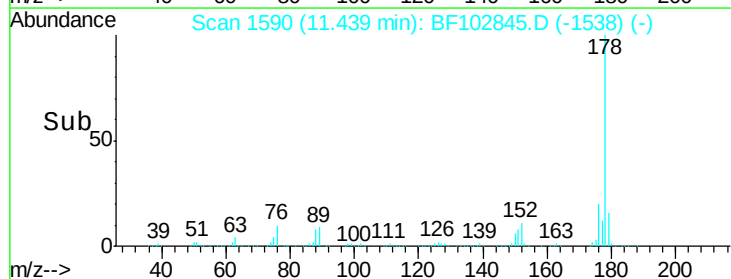
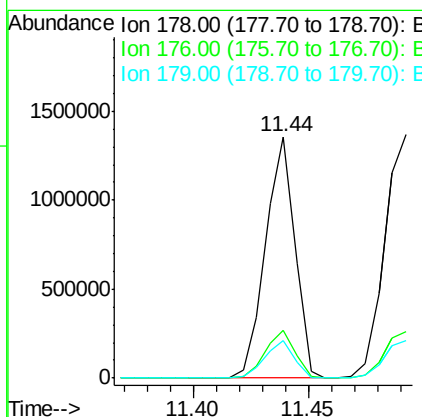
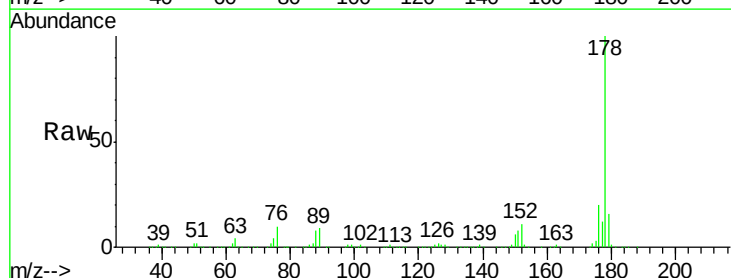
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

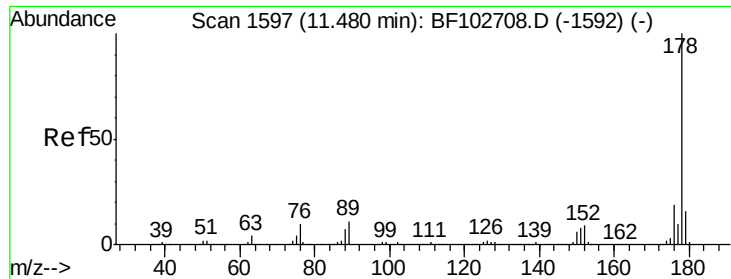
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	59.4	49.5	74.3



#70
 Phenanthrene
 Concen: 36.608 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102845.D
 Acq: 8 Feb 2018 10:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.7	13.0	19.6

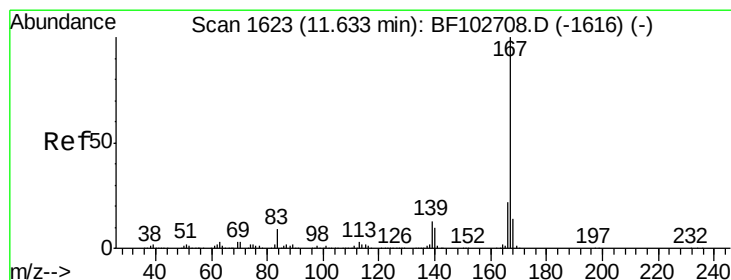
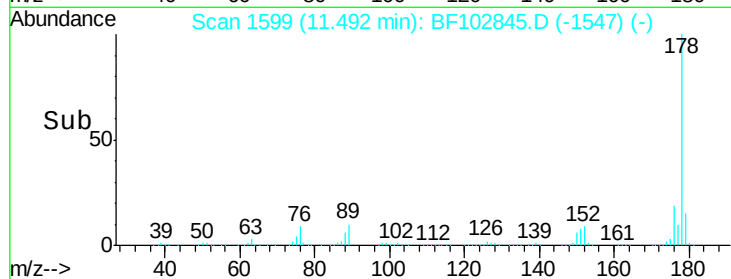
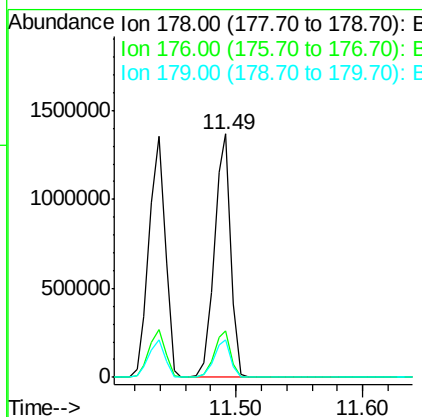
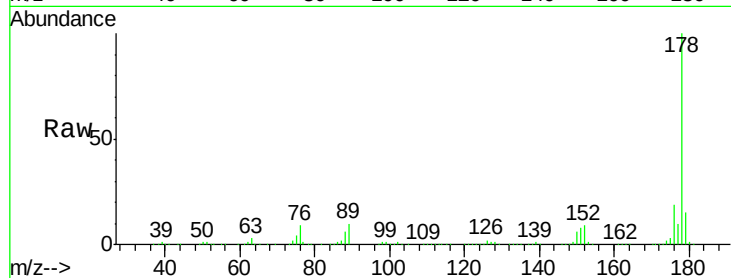




#71
 Anthracene
 Concen: 37.150 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102845.D
 Acq: 8 Feb 2018 10:16

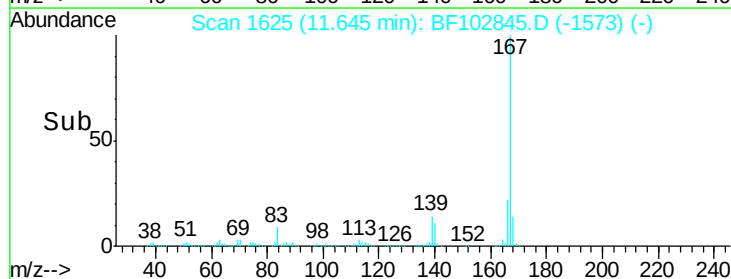
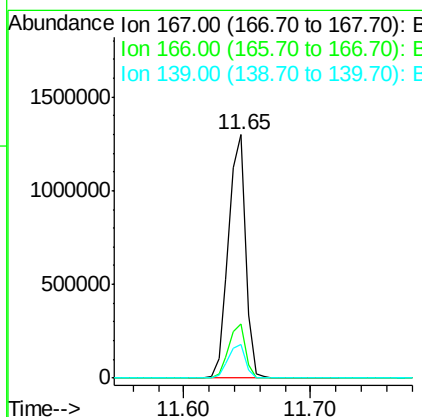
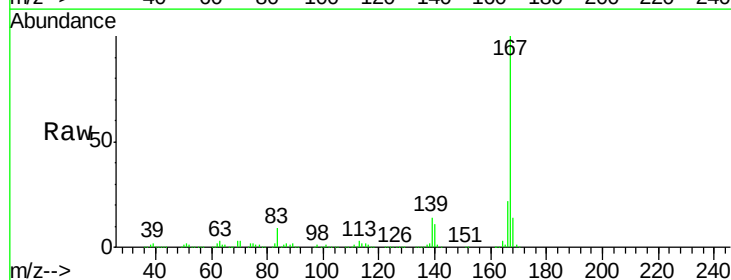
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

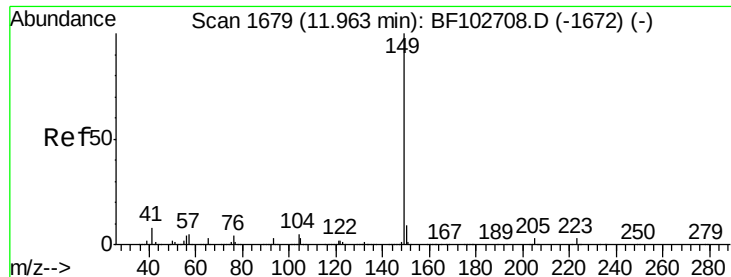
Tot Ion:178 Resp: 1244072
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 37.219 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102845.D
 Acq: 8 Feb 2018 10:16

Tgt Ion:167 Resp: 1221060
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.317 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

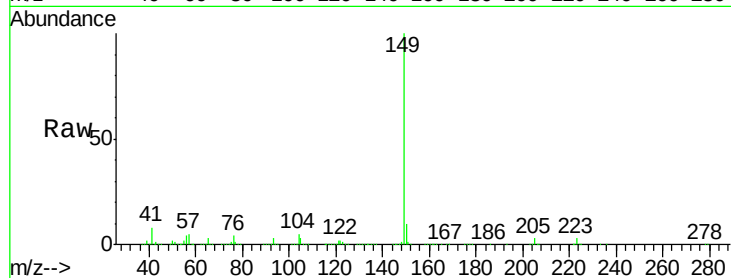
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1527015

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.8	3.8	5.8

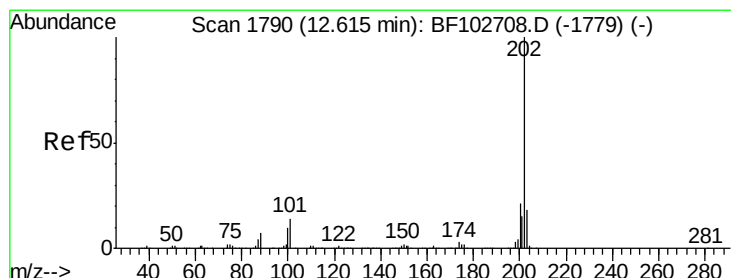
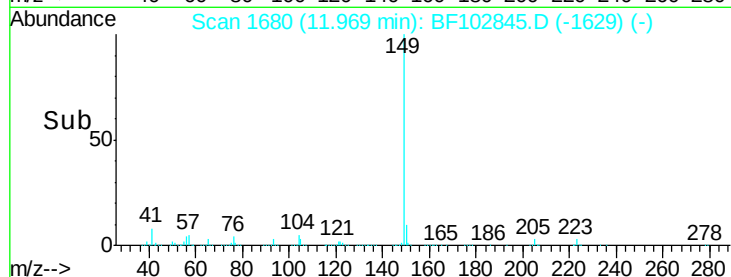
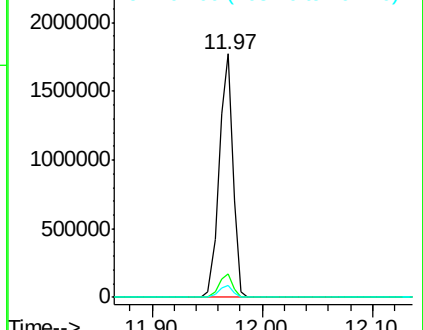


Abundance

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: 36.915 ng

RT: 12.63 min Scan# 1792

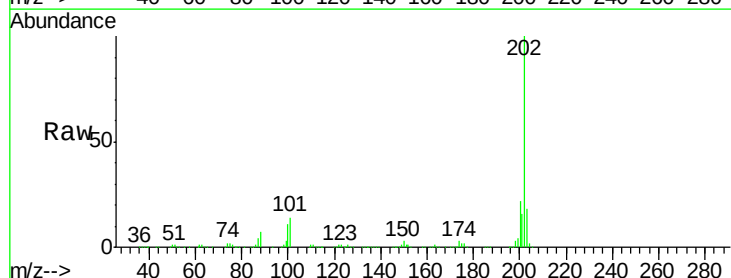
Delta R.T. 0.01 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Tgt Ion:202 Resp: 1222830

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.1
203	17.6	0.0	38.1

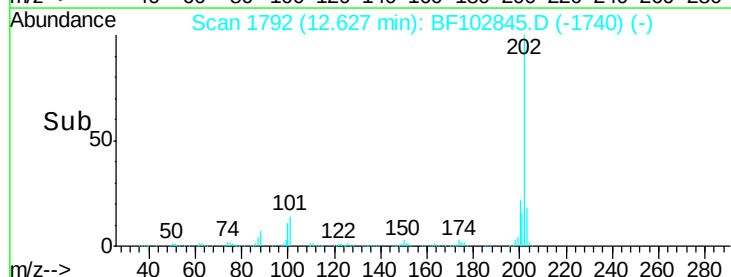
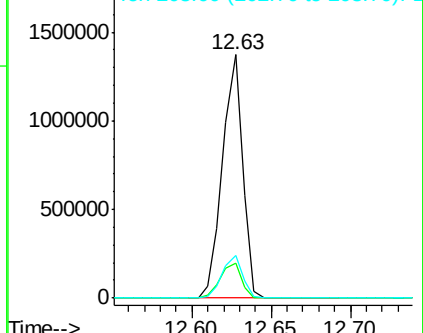


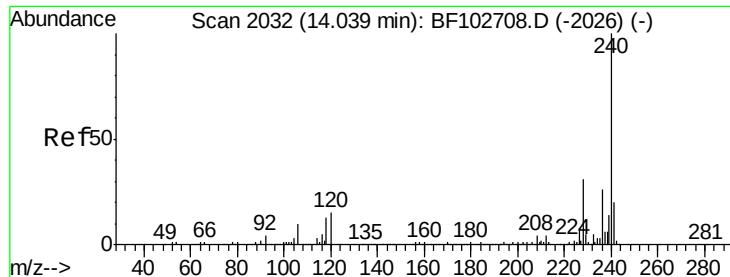
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

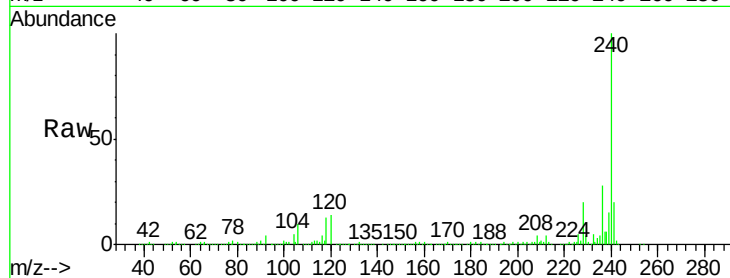
Tot Ion:240 Resp: 431646

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

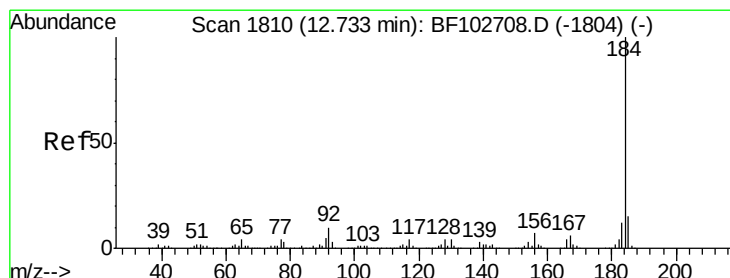
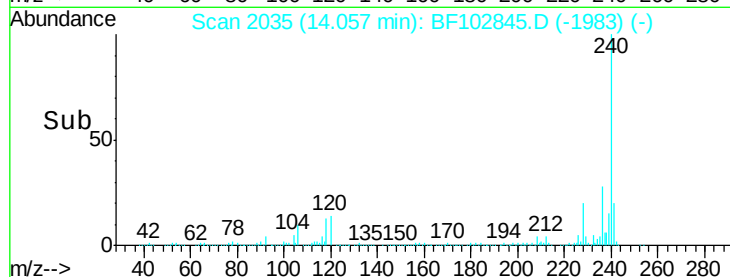
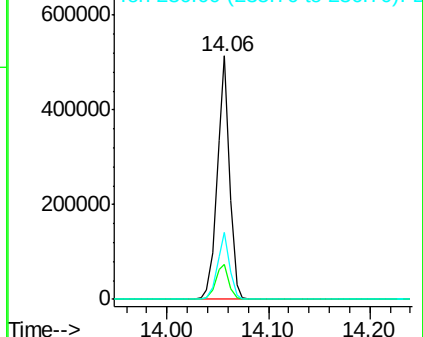
236 27.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.379 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

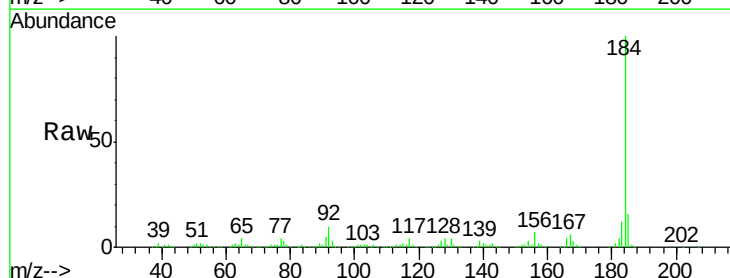
Tgt Ion:184 Resp: 900260

Ion Ratio Lower Upper

184 100

185 16.4 12.6 18.8

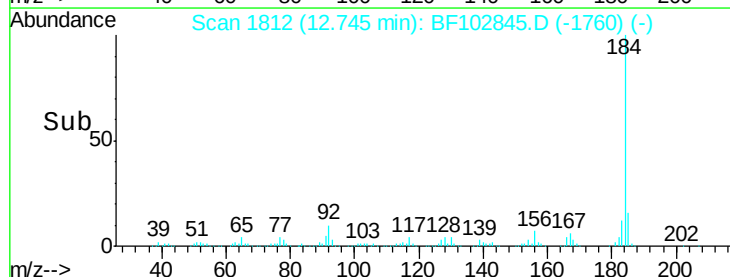
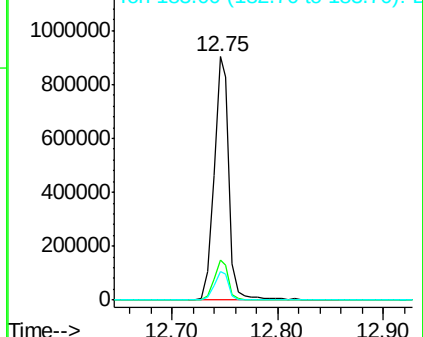
183 11.9 9.3 13.9

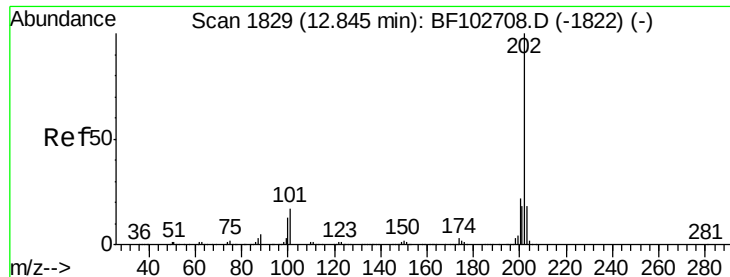


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.904 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

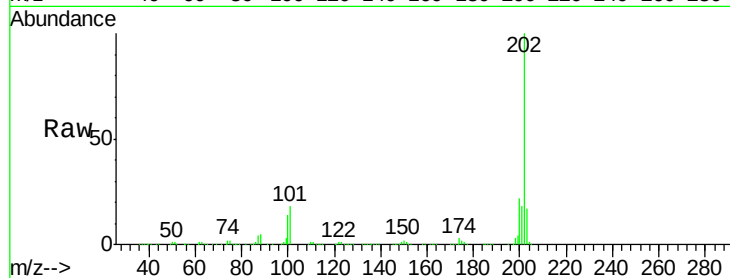
Tot Ion:202 Resp: 1282972

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

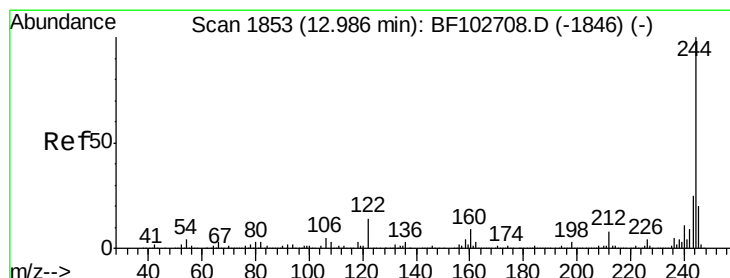
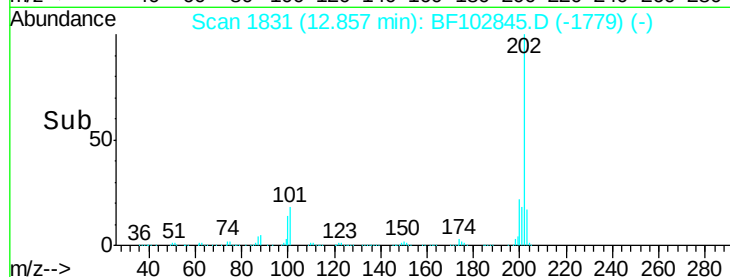
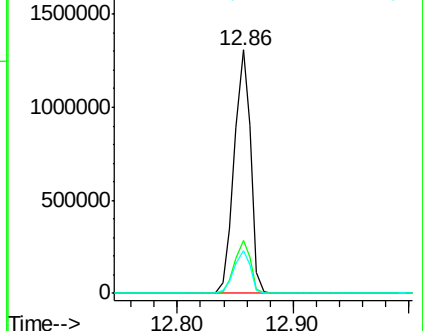
203 17.4 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.814 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

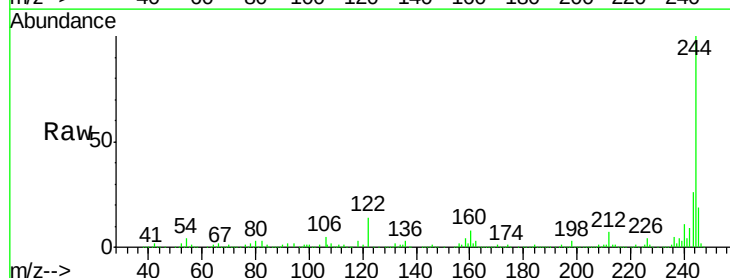
Tgt Ion:244 Resp: 1327409

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

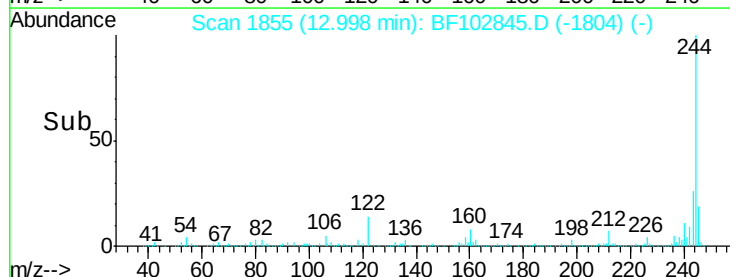
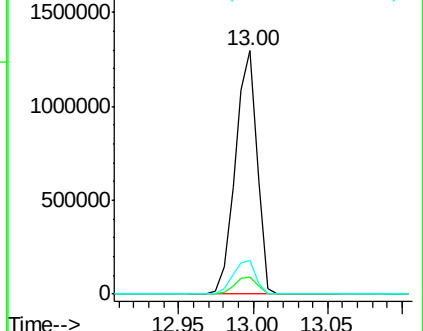
122 13.9 11.0 16.4

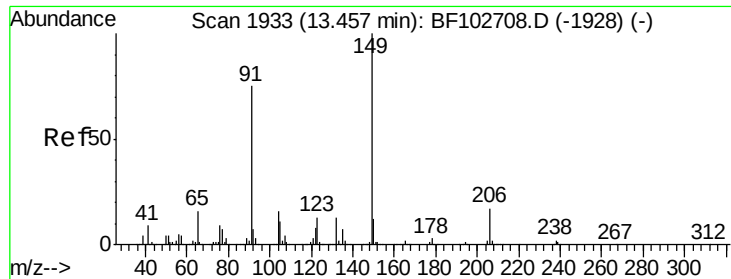


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

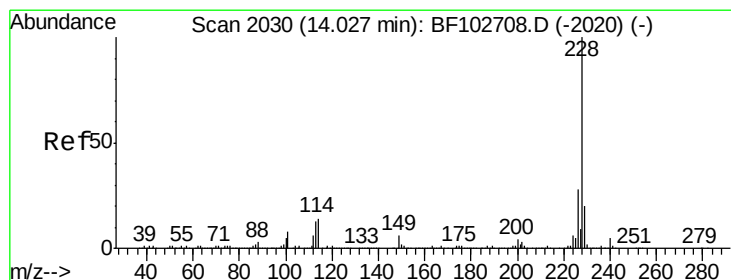
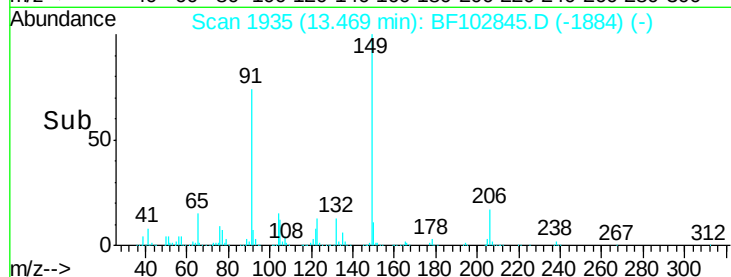
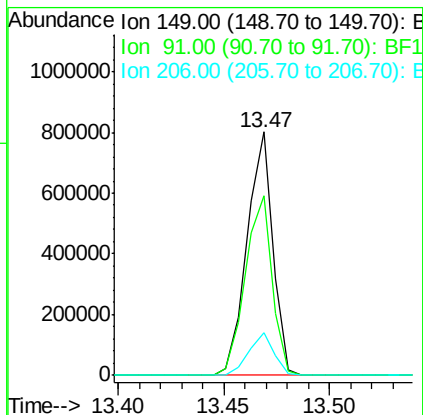
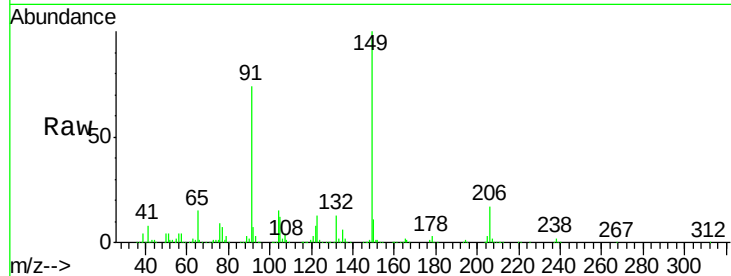




#79
Butylbenzylphthalate
Concen: 42.270 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

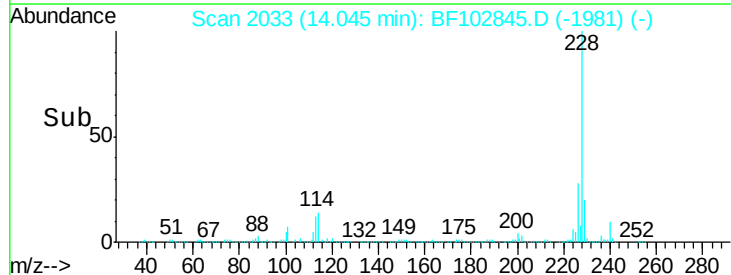
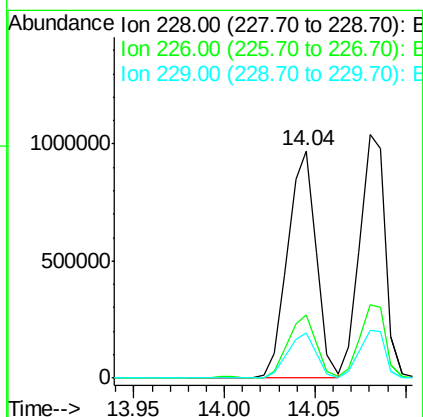
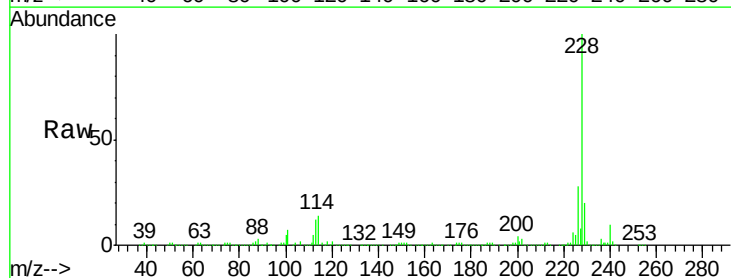
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

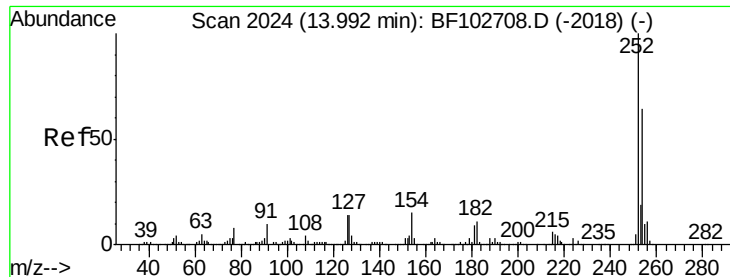
Tot Ion:149 Resp: 682357
Ion Ratio Lower Upper
149 100
91 73.8 56.8 85.2
206 17.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.394 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Tgt Ion:228 Resp: 1069398
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.0 15.8 23.6

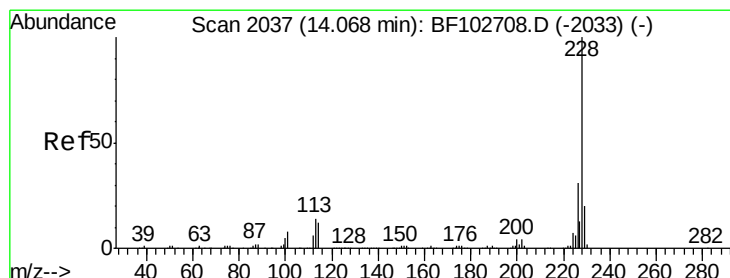
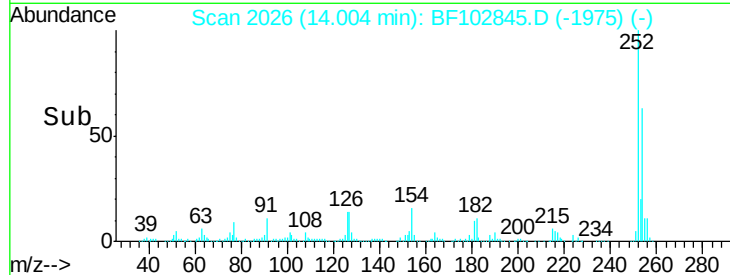
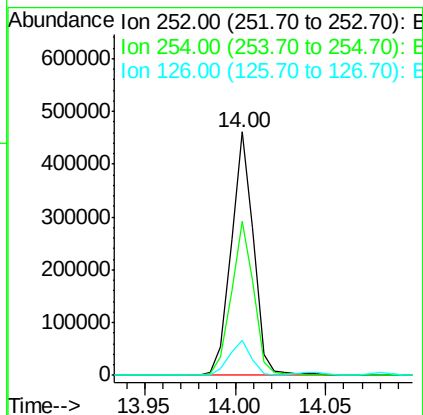
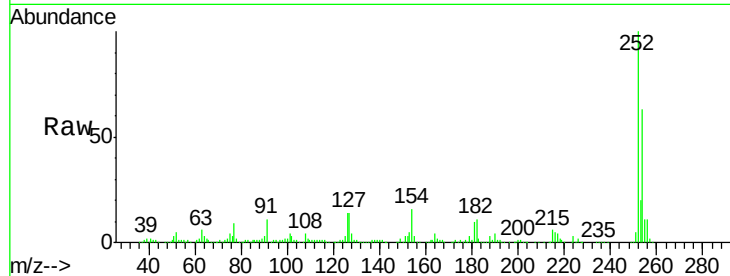




#81
 3,3'-Dichlorobenzidine
 Concen: 39.249 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF102845.D
 Acq: 8 Feb 2018 10:16

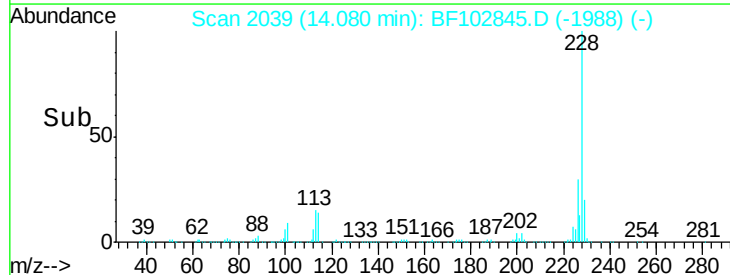
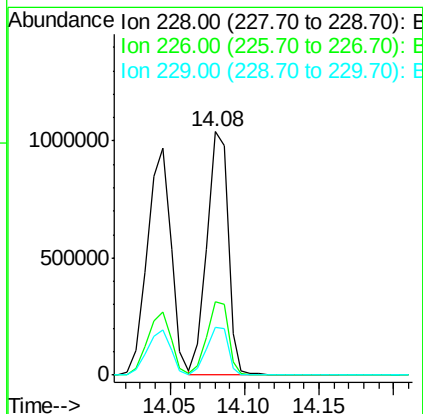
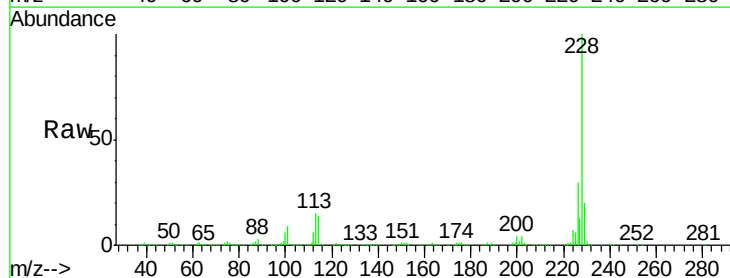
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

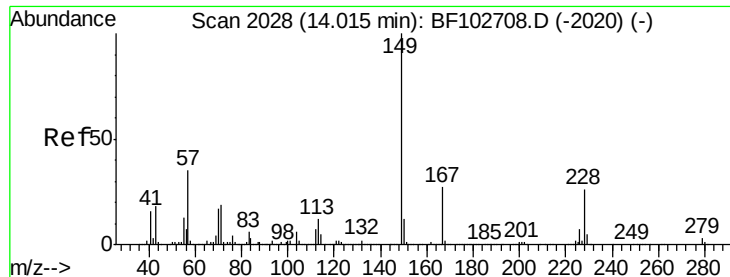
Tot Ion:252 Resp: 395052
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.4 75.6
 126 14.3 11.3 16.9



#82
 Chrysene
 Concen: 37.408 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF102845.D
 Acq: 8 Feb 2018 10:16

Tgt Ion:228 Resp: 1023661
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.0 37.6
 229 19.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.403 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

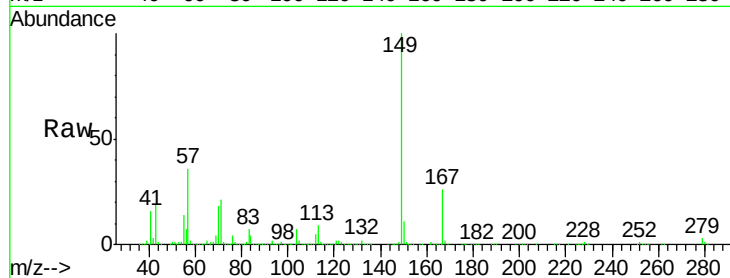
Tot Ion:149 Resp: 920687

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

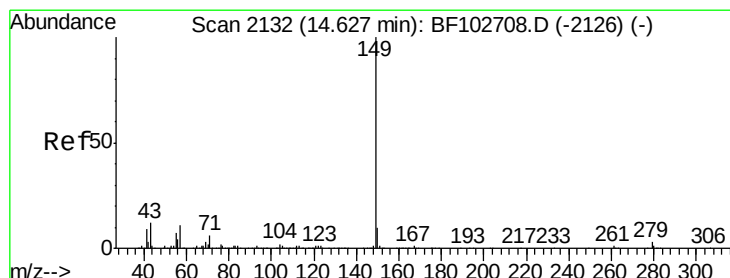
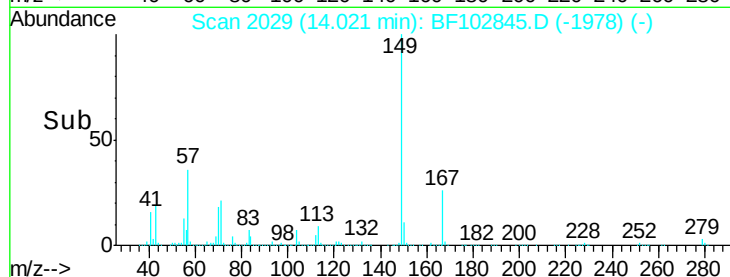
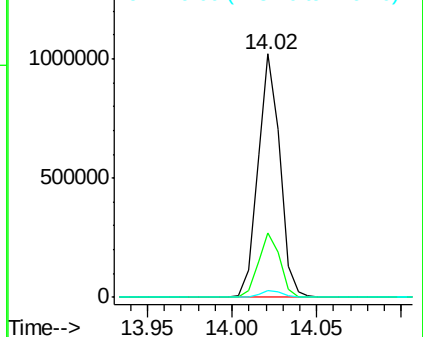
279 2.9 3.0 4.4#



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: 43.390 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

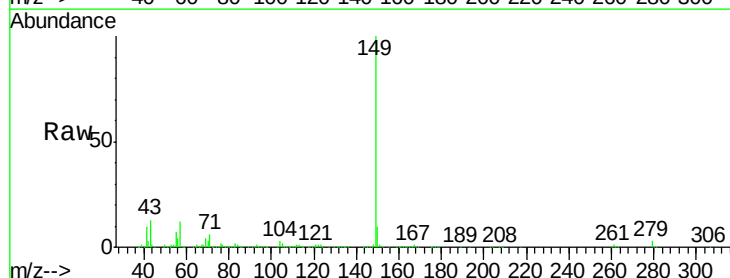
Tgt Ion:149 Resp: 1350896

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

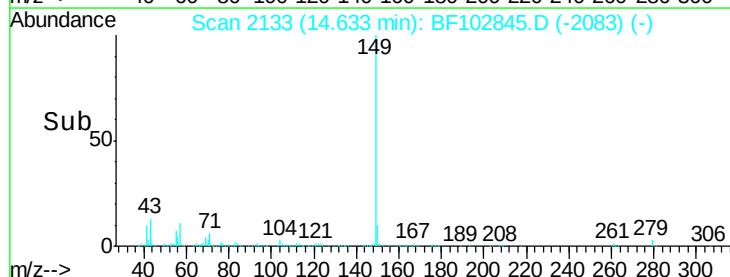
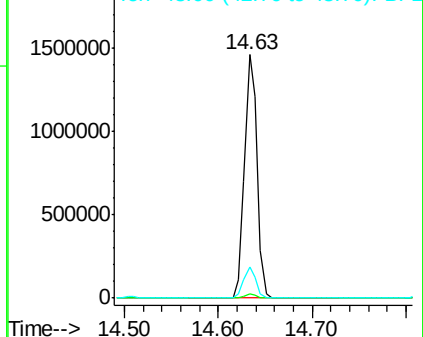
43 12.2 8.4 12.6

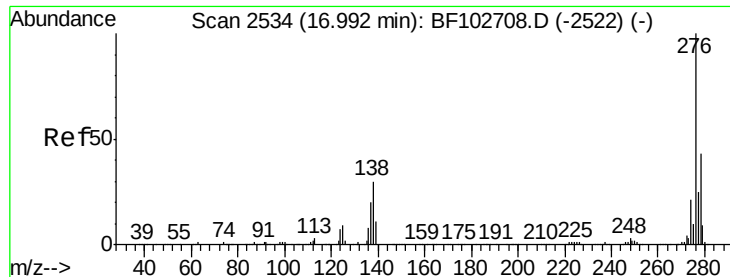


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

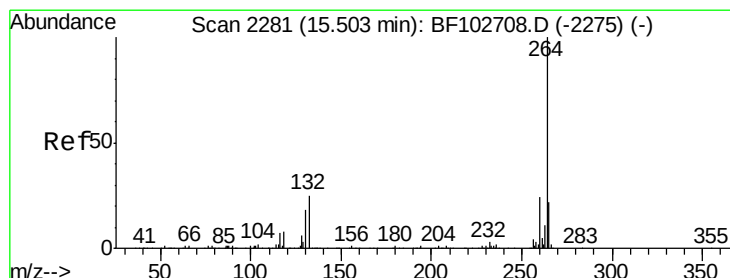
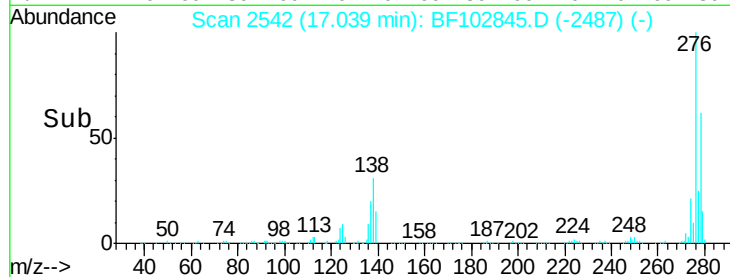
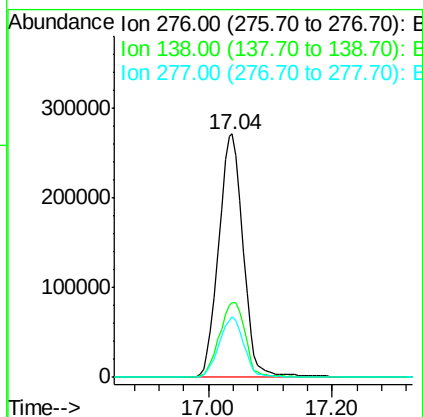
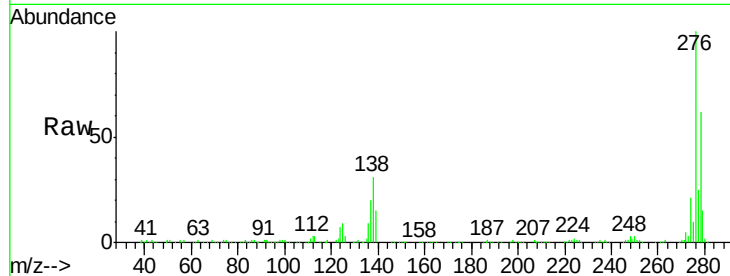




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.905 ng
 RT: 17.04 min Scan# 2542
 Delta R.T. 0.02 min
 Lab File: BF102845.D
 Acq: 8 Feb 2018 10:16

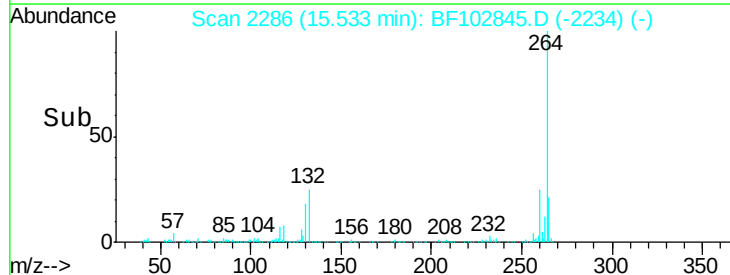
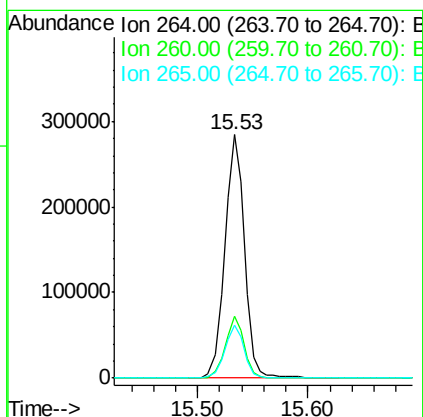
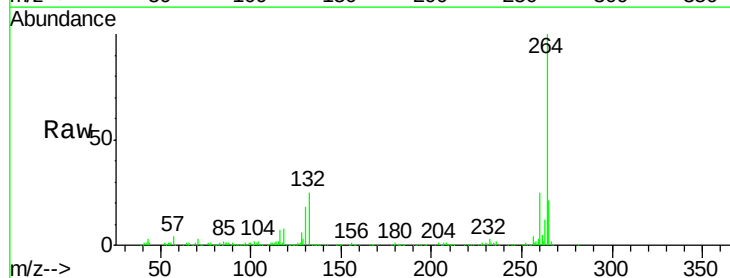
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

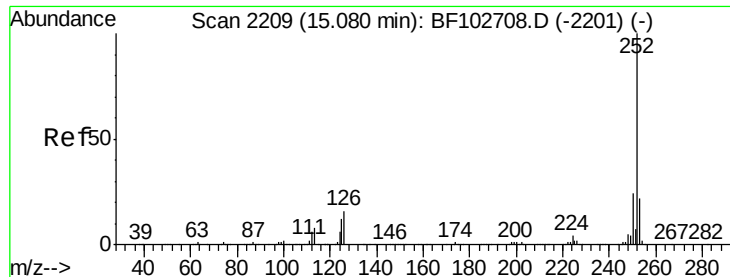
Tot Ion:276 Resp: 746811
 Ion Ratio Lower Upper
 276 100
 138 33.0 25.0 37.6
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF102845.D
 Acq: 8 Feb 2018 10:16

Tgt Ion:264 Resp: 355182
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.2 28.8
 265 21.5 17.5 26.3

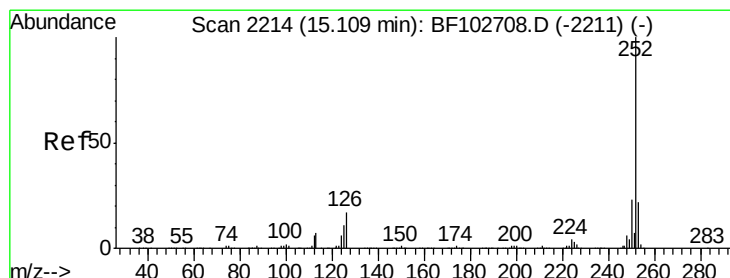
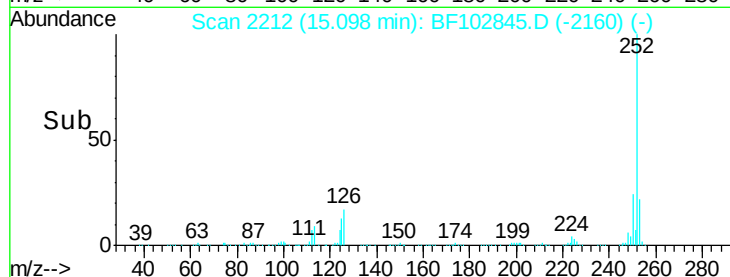
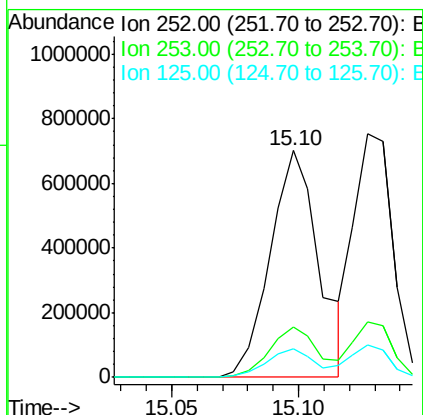
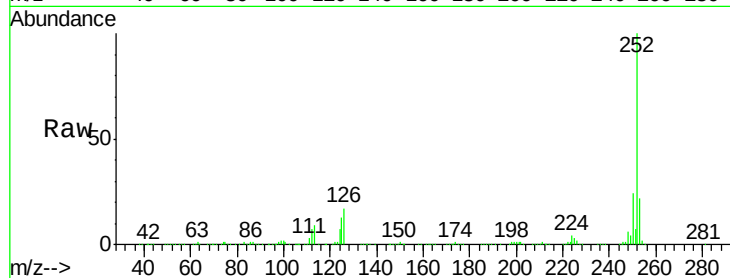




#87
Benzo(b)fluoranthene
Concen: 40.991 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

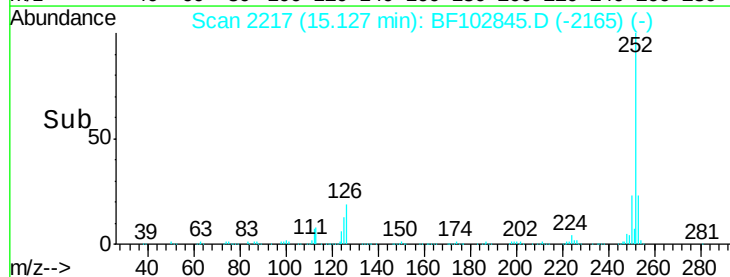
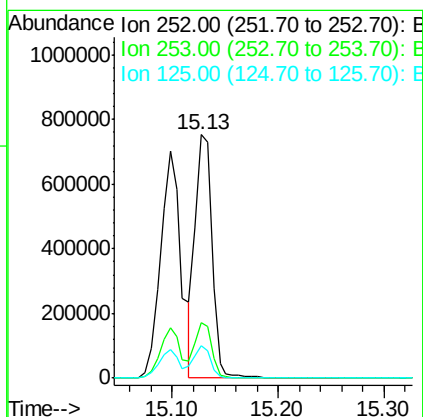
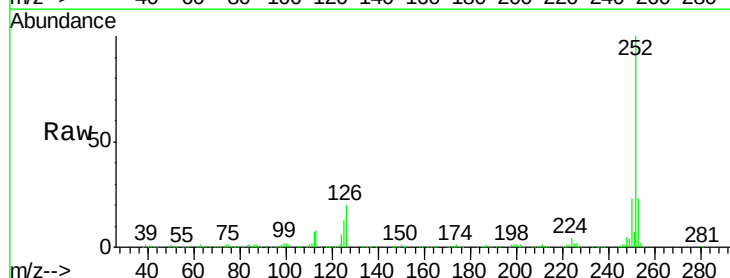
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

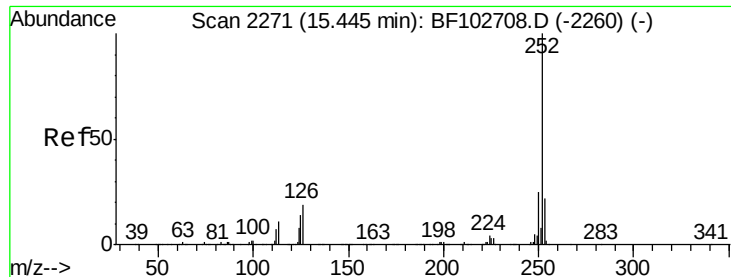
Tot Ion:252 Resp: 943927
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.455 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF102845.D
Acq: 8 Feb 2018 10:16

Tgt Ion:252 Resp: 824112
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 13.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.355 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

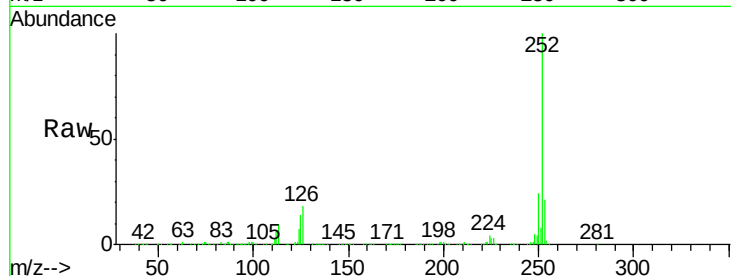
Tot Ion:252 Resp: 795016

Ion Ratio Lower Upper

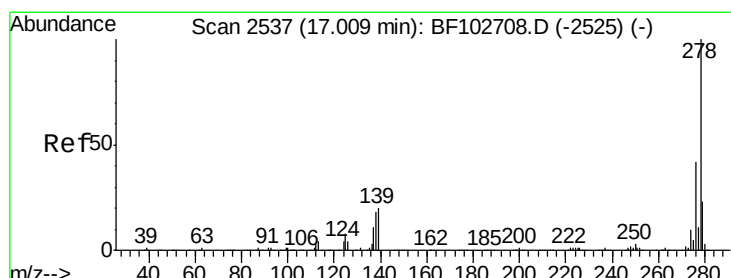
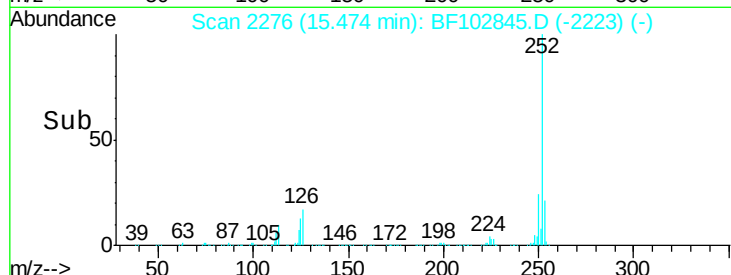
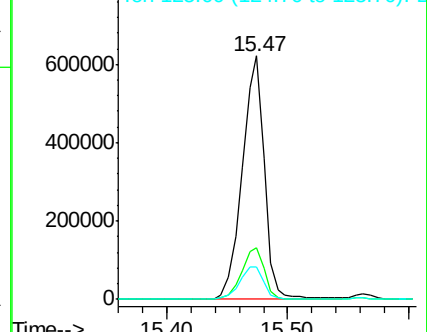
252 100

253 21.5 17.1 25.7

125 13.5 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: 36.506 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.01 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

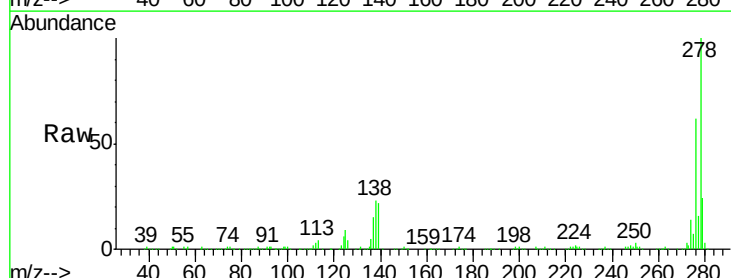
Tgt Ion:278 Resp: 614182

Ion Ratio Lower Upper

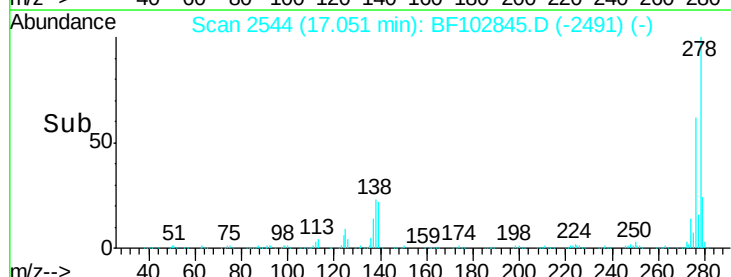
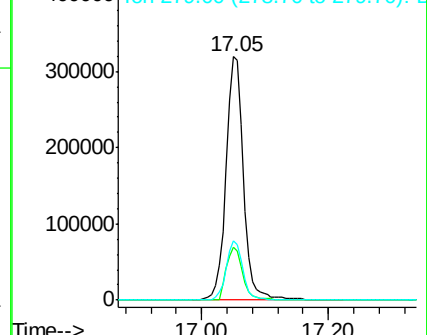
278 100

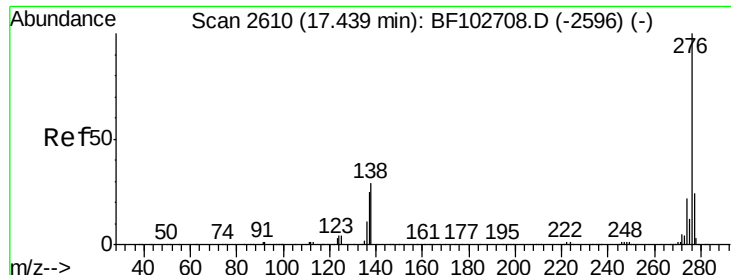
139 21.7 15.9 23.9

279 24.2 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: 37.113 ng

RT: 17.49 min Scan# 2619

Delta R.T. 0.02 min

Lab File: BF102845.D

Acq: 8 Feb 2018 10:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

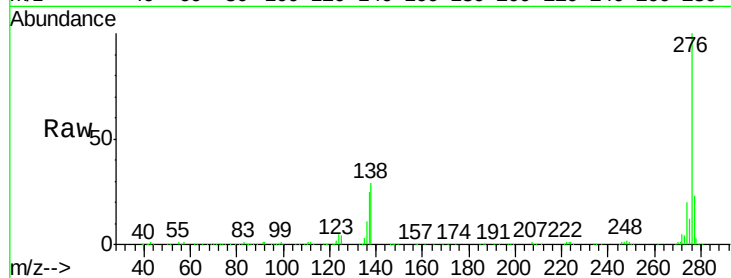
Tot Ion:276 Resp: 611157

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 28.7 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

