

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102772.D
 Acq On : 6 Feb 2018 9:49
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 06 12:27:51 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	6.88	152	212854	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	895996	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	404100	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	719251	20.00	ng	0.00
75) Chrysene-d12	14.05	240	531601	20.00	ng	0.00
86) Perylene-d12	15.53	264	516214	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1050020	74.92	ng	0.00
7) Phenol-d6	6.51	99	1266836	75.07	ng	0.00
23) Nitrobenzene-d5	7.45	82	1124780	87.08	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	286018	87.94	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1818545	74.67	ng	0.00
78) Terphenyl-d14	12.99	244	1574782	70.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	265137	38.299	ng	87
3) Pyridine	3.43	79	748968	39.159	ng	90
4) n-Nitrosodimethylamine	3.39	42	304265	37.181	ng	95
6) Aniline	6.55	93	932490	37.416	ng	97
8) 2-Chlorophenol	6.67	128	556642	38.577	ng	97
9) Benzaldehyde	6.43	77	445586	35.554	ng	97
10) Phenol	6.52	94	676865	37.425	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	558397	37.104	ng	93
12) 1,3-Dichlorobenzene	6.83	146	623374	37.306	ng	98
13) 1,4-Dichlorobenzene	6.90	146	616308	37.027	ng	98
14) 1,2-Dichlorobenzene	7.06	146	579568	37.383	ng	99
15) Benzyl Alcohol	7.02	79	501702	38.668	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1033090	36.137	ng	97
17) 2-Methylphenol	7.13	107	500447	37.600	ng	98
18) Hexachloroethane	7.40	117	225092	39.436	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	402187	36.146	ng	93
20) 3+4-Methylphenols	7.29	107	610270	37.181	ng	# 87
22) Acetophenone	7.30	105	782892	35.706	ng	# 97
24) Nitrobenzene	7.47	77	618797	40.722	ng	97
25) Isophorone	7.70	82	1089771	36.642	ng	99
26) 2-Nitrophenol	7.78	139	313907	49.878	ng	97
27) 2,4-Dimethylphenol	7.82	122	447230	35.593	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	646516	36.695	ng	99
29) 2,4-Dichlorophenol	8.02	162	452864	39.647	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	483137	37.389	ng	98
31) Naphthalene	8.19	128	1599149	36.530	ng	100
32) Benzoic acid	7.94	122	344379	41.284	ng	98
33) 4-Chloroaniline	8.23	127	714374	37.881	ng	97
34) Hexachlorobutadiene	8.30	225	247958	37.447	ng	99
35) Caprolactam	8.62	113	161908	40.815	ng	# 74
36) 4-Chloro-3-methylphenol	8.71	107	497745	38.783	ng	99
37) 2-Methylnaphthalene	8.88	142	1048235	36.574	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	418329	38.020	ng	98
40) Hexachlorocyclopentadiene	9.03	237	232688	44.486	ng	99

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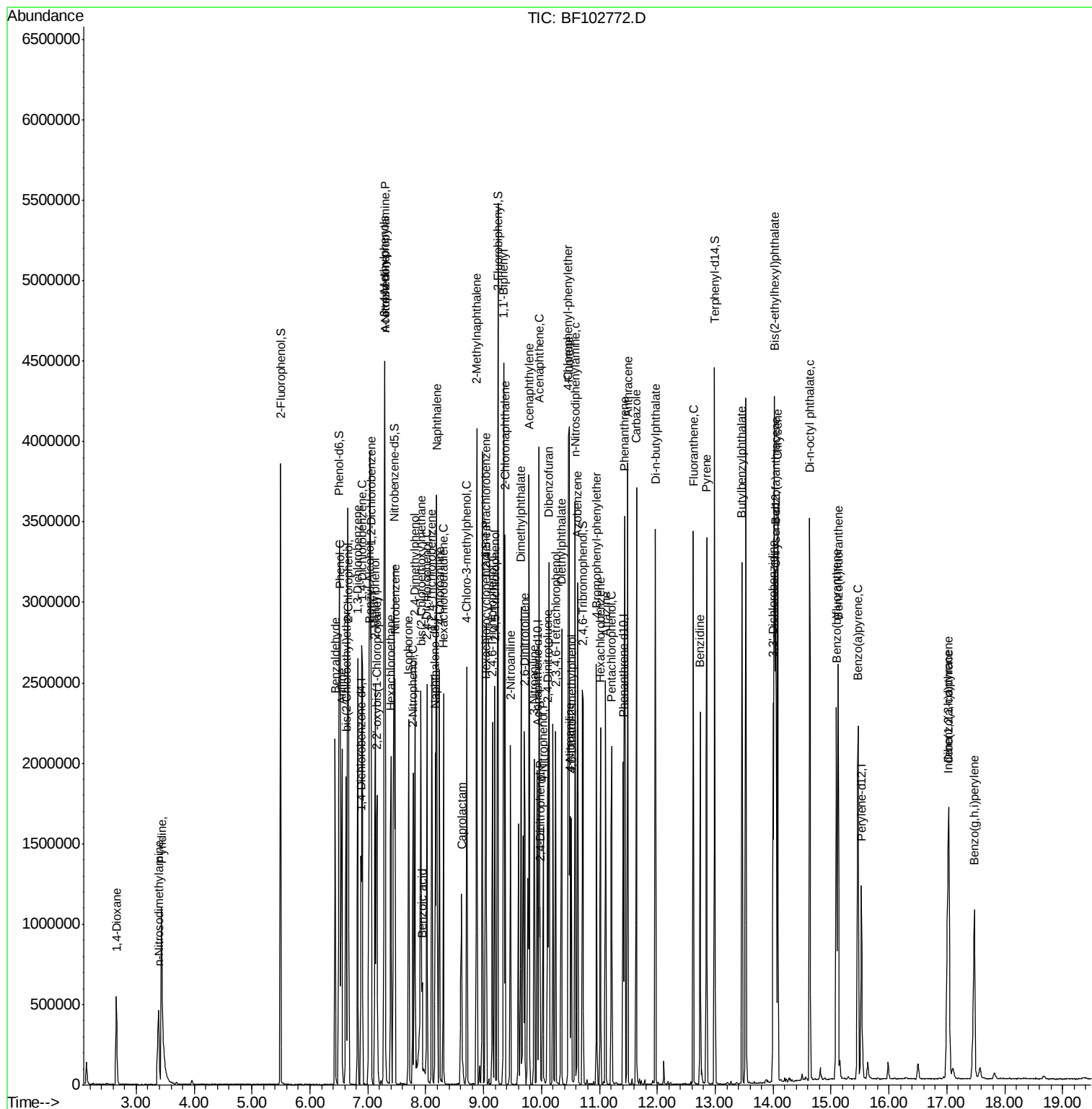
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	304590	42.146	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	350013	42.970	nq	99
45) 1,1'-Biphenyl	9.34	154	1262079	37.080	nq	100
46) 2-Chloronaphthalene	9.37	162	1020190	38.073	nq	100
47) 2-Nitroaniline	9.46	65	377994	45.880	nq	88
48) Acenaphthylene	9.79	152	1558454	37.446	nq	99
49) Dimethylphthalate	9.64	163	1204619	38.232	nq	100
50) 2,6-Dinitrotoluene	9.70	165	272531	45.463	nq	94
51) Acenaphthene	9.96	154	971844	39.047	nq	100
52) 3-Nitroaniline	9.87	138	341856	46.347	nq	98
53) 2,4-Dinitrophenol	9.97	184	113794	65.167	nq	# 19
54) Dibenzofuran	10.13	168	1315554	37.507	nq	96
55) 4-Nitrophenol	10.03	139	257271	44.333	nq	94
56) 2,4-Dinitrotoluene	10.11	165	359343	44.908	nq	97
57) Fluorene	10.47	166	980916	38.437	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	248048	43.937	nq	99
59) Diethylphthalate	10.34	149	1173304	37.713	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	435962	38.617	nq	100
61) 4-Nitroaniline	10.49	138	333182	47.456	nq	94
62) Azobenzene	10.62	77	1143915	36.805	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	181341	56.973	nq	93
65) n-Nitrosodiphenylamine	10.58	169	945160	37.255	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	282985	37.194	nq	96
67) Hexachlorobenzene	11.02	284	313455	37.345	nq	# 89
68) Atrazine	11.11	200	290682	38.838	nq	98
69) Pentachlorophenol	11.21	266	210747	42.773	nq	100
70) Phenanthrene	11.44	178	1461125	36.476	nq	99
71) Anthracene	11.49	178	1476536	36.241	nq	100
72) Carbazole	11.64	167	1481581	37.119	nq	99
73) Di-n-butylphthalate	11.97	149	1814528	37.424	nq	99
74) Fluoranthene	12.62	202	1480232	36.728	nq	98
76) Benzidine	12.74	184	850368	34.805	nq	98
77) Pyrene	12.86	202	1535007	36.823	nq	99
79) Butylbenzylphthalate	13.46	149	791414	39.868	nq	97
80) Benzo(a)anthracene	14.04	228	1269174	37.962	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	488948	39.444	nq	98
82) Chrysene	14.08	228	1229573	36.484	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1048876	41.074	nq	100
84) Di-n-octyl phthalate	14.63	149	1675604	43.700	nq	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	1103544	39.480	nq	99
87) Benzo(b)fluoranthene	15.09	252	1294096	38.667	nq	97
88) Benzo(k)fluoranthene	15.13	252	1125894	35.208	nq	99
89) Benzo(a)pyrene	15.47	252	1129577	37.496	nq	98
90) Dibenzo(a,h)anthracene	17.04	278	918082	37.547	nq	99
91) Benzo(g,h,i)perylene	17.48	276	890158	37.193	nq	98

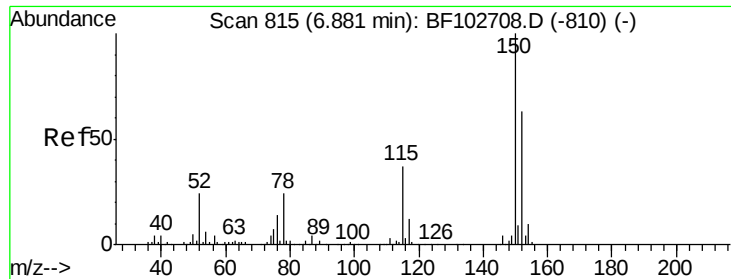
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :
ALS Vial  : 2    Sample Multiplier: 1
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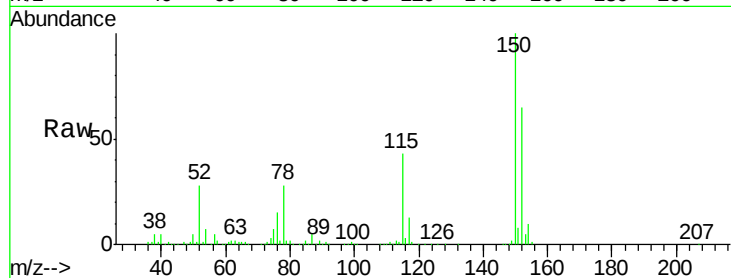


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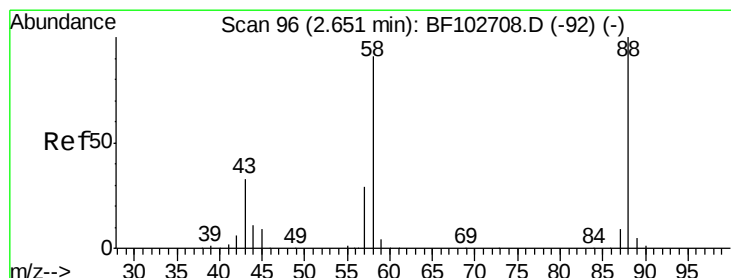
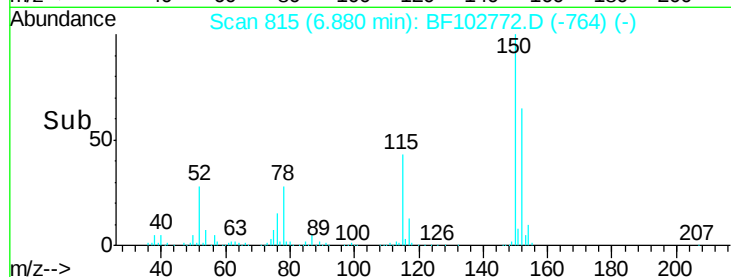
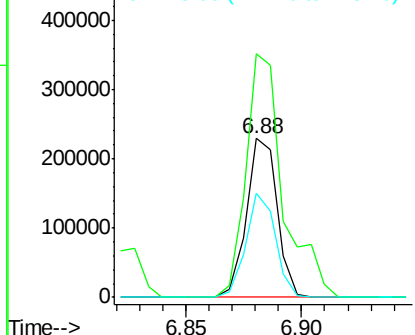
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 212854
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 65.2 50.1 75.1



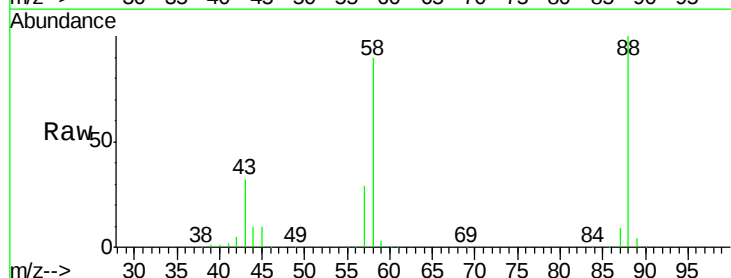
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



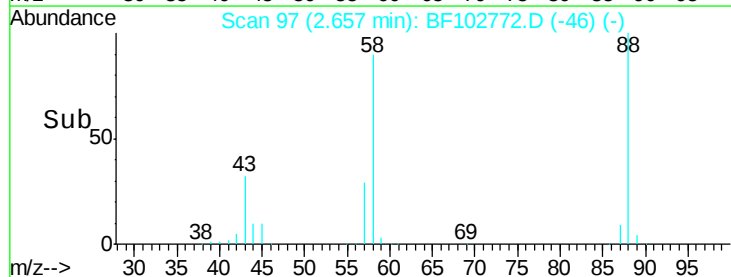
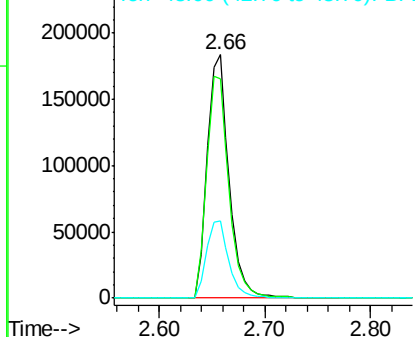
#2

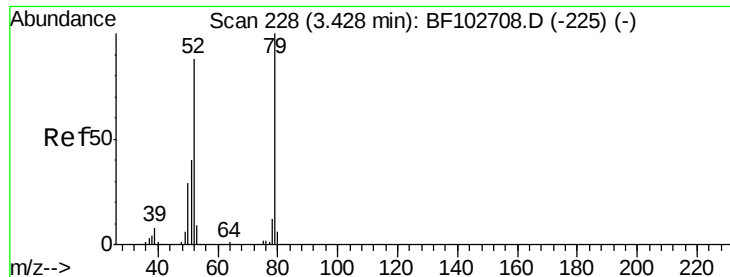
1,4-Dioxane
Concen: 38.299 ng
RT: 2.66 min Scan# 97
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

Tgt Ion: 88 Resp: 265137
Ion Ratio Lower Upper
88 100
58 93.2 62.6 93.8
43 32.7 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: 39.159 ng

RT: 3.43 min Scan# 229

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

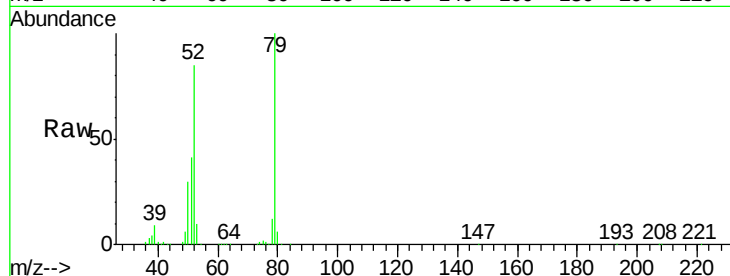
Tot Ion: 79 Resp: 748968

Ion Ratio Lower Upper

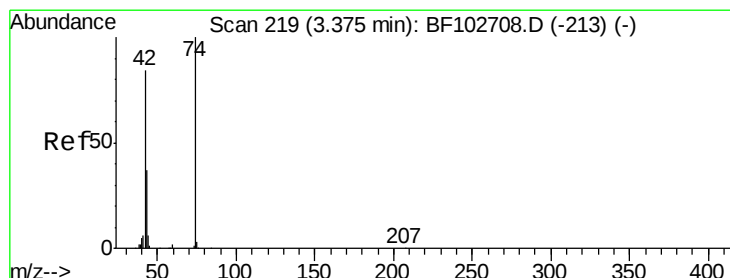
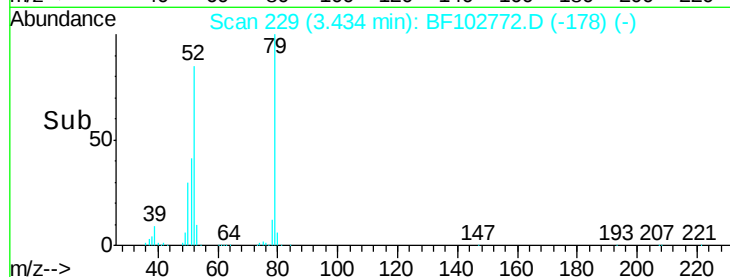
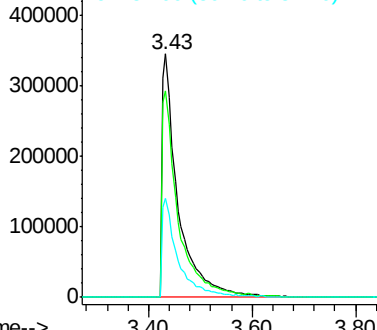
79 100

52 84.8 59.8 89.6

51 40.8 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 37.181 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

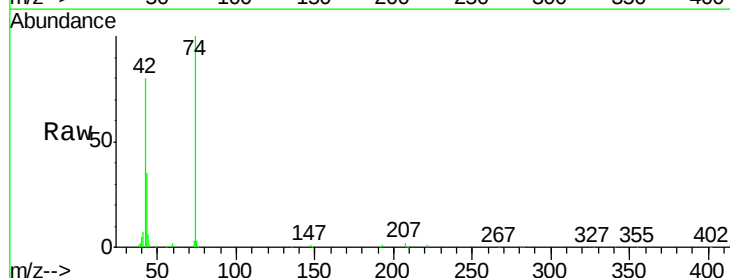
Tgt Ion: 42 Resp: 304265

Ion Ratio Lower Upper

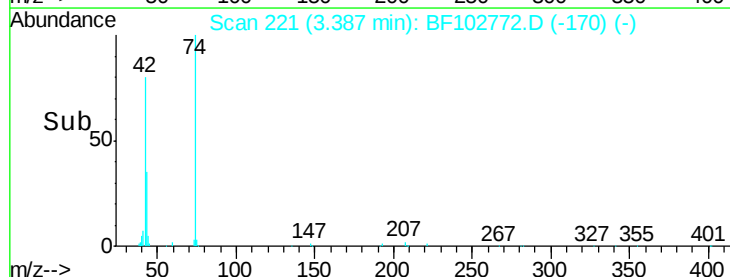
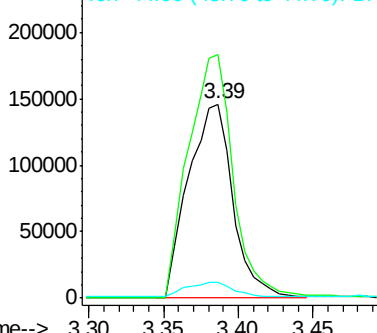
42 100

74 125.6 104.9 157.3

44 7.8 6.9 10.3



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





#5

2-Fluorophenol

Concen: 74.917 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

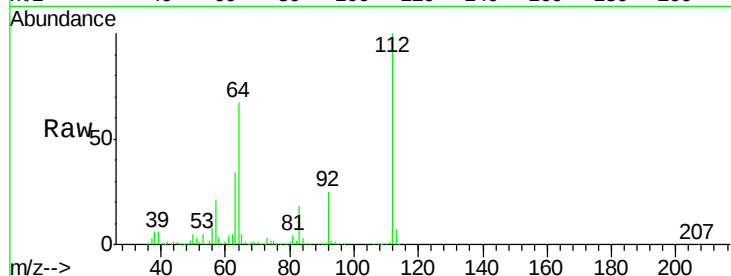
Tot Ion:112 Resp: 1050020

Ion Ratio Lower Upper

112 100

64 67.1 47.9 71.9

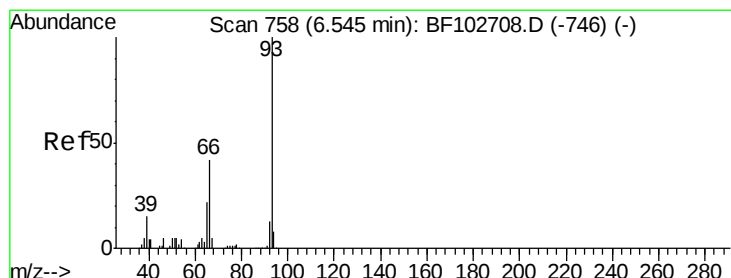
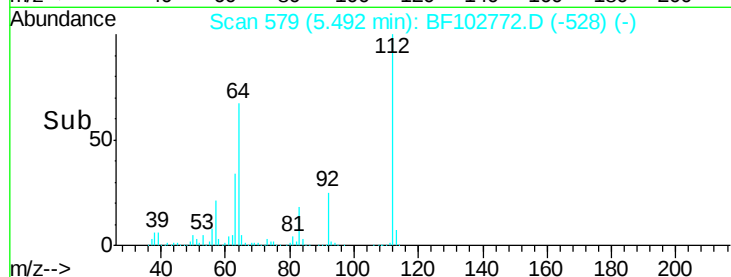
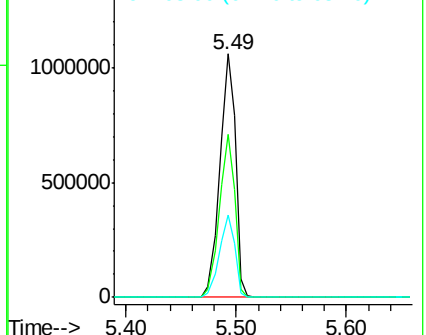
63 33.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.416 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

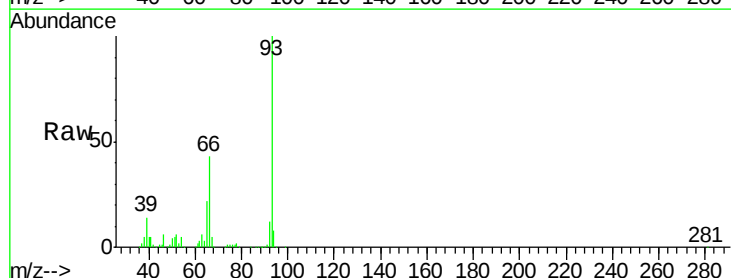
Tgt Ion: 93 Resp: 932490

Ion Ratio Lower Upper

93 100

66 42.6 32.2 48.2

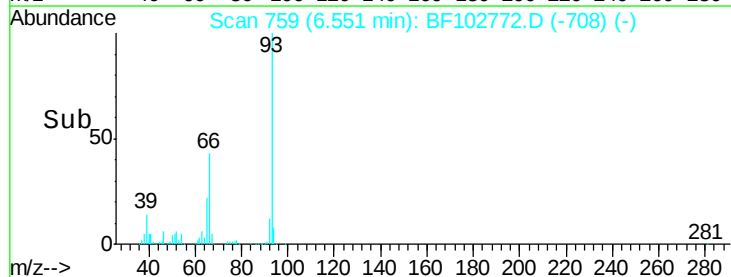
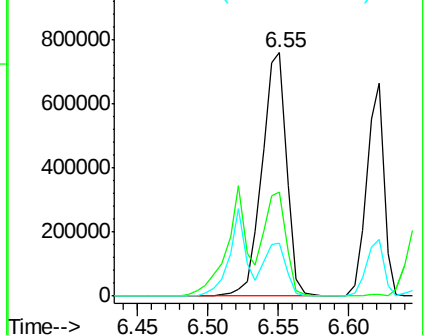
65 21.6 16.4 24.6

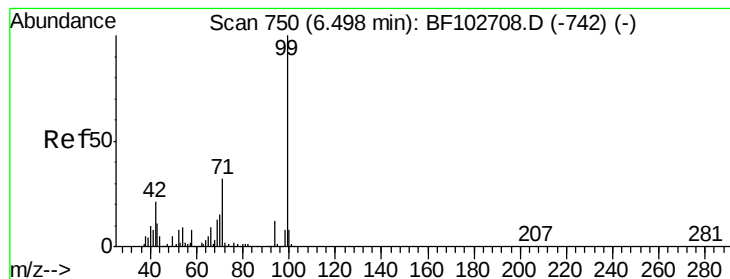


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.067 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102772.D

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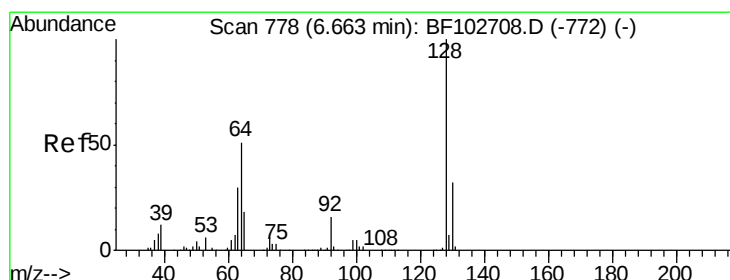
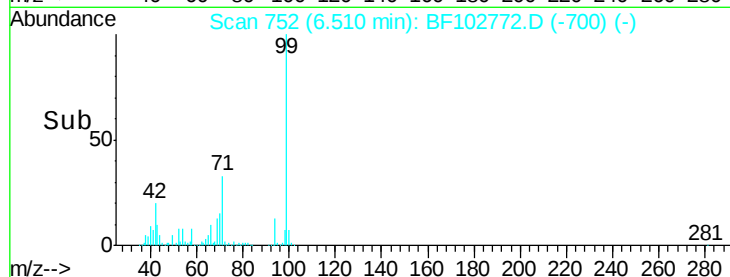
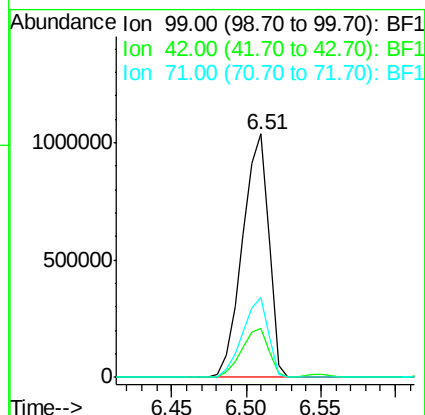
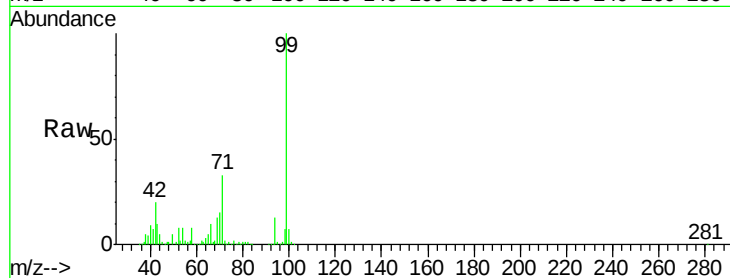
Tot Ion: 99 Resp: 1266836

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 32.5 25.4 38.0



#8

2-Chlorophenol

Concen: 38.577 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

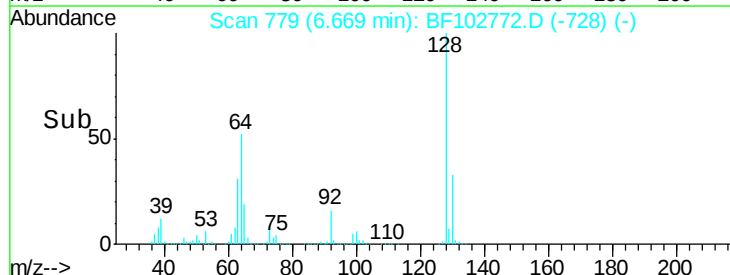
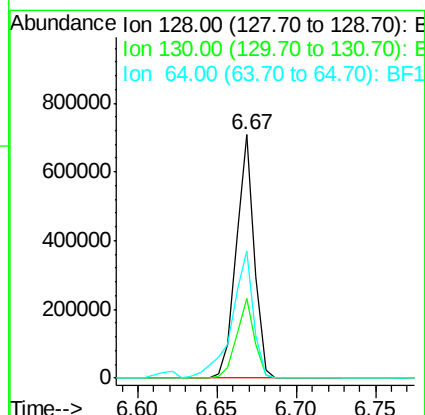
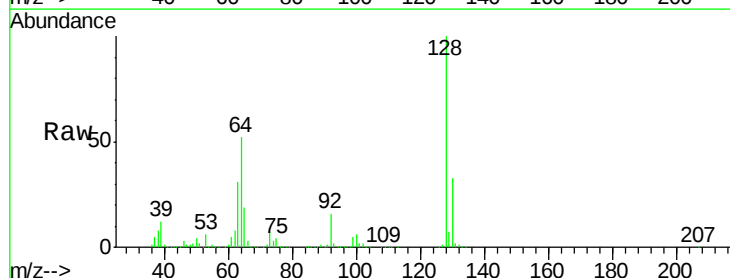
Tgt Ion: 128 Resp: 556642

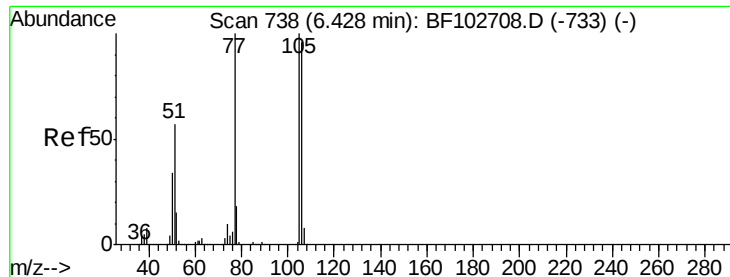
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 52.1 29.4 69.4





#9

Benzaldehyde

Concen: 35.554 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

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SSTDCCC040

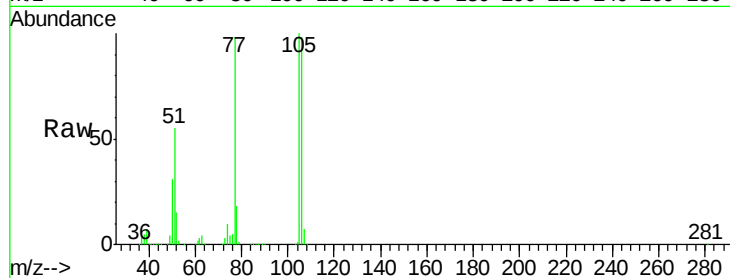
Tot Ion: 77 Resp: 445586

Ion Ratio Lower Upper

77 100

105 101.9 81.1 121.1

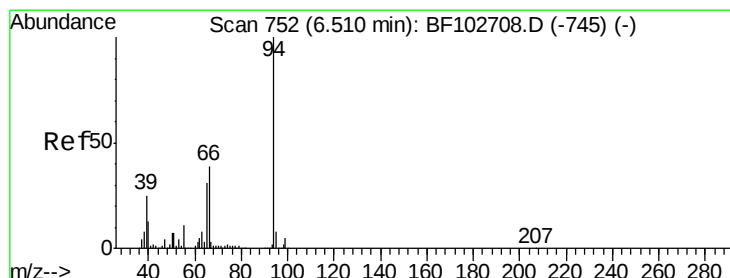
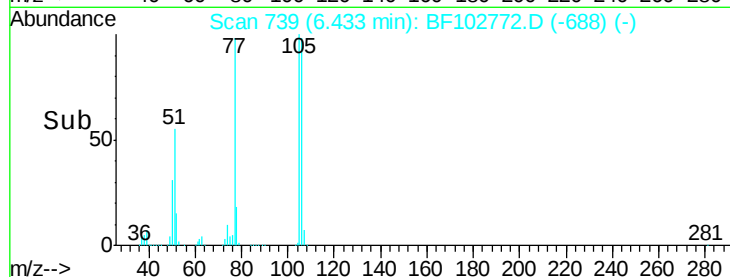
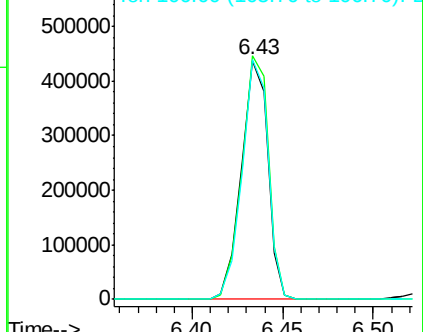
106 100.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.425 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

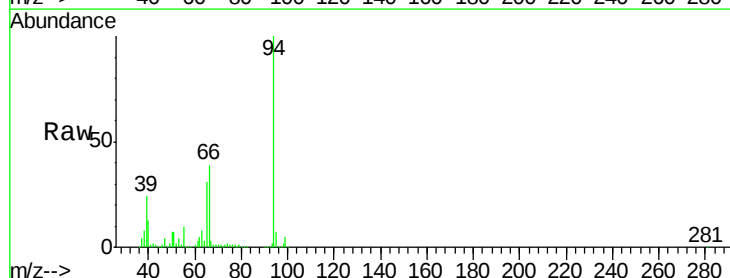
Tgt Ion: 94 Resp: 676865

Ion Ratio Lower Upper

94 100

65 30.7 7.9 47.9

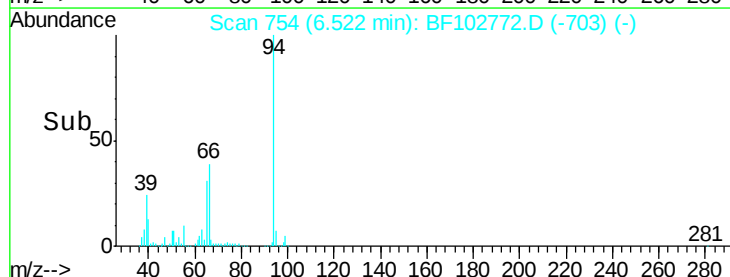
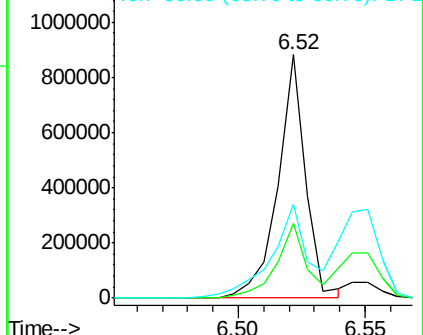
66 38.8 16.2 56.2

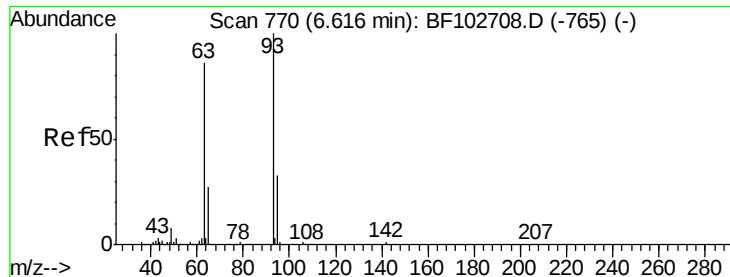


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

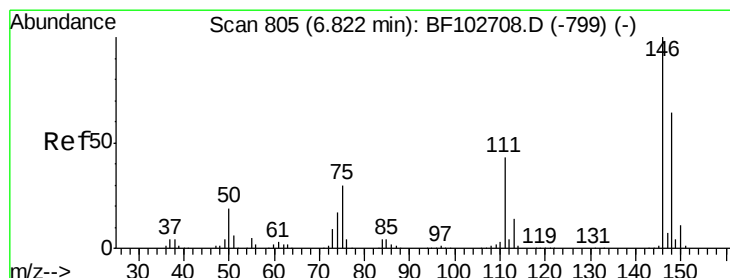
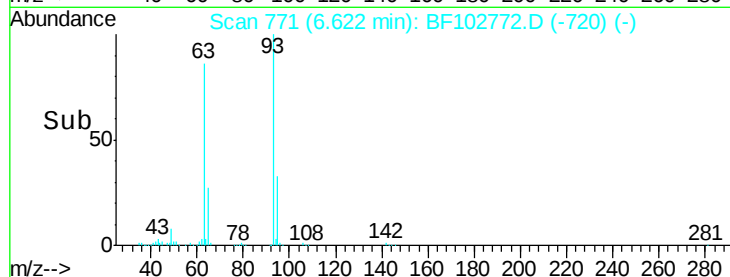
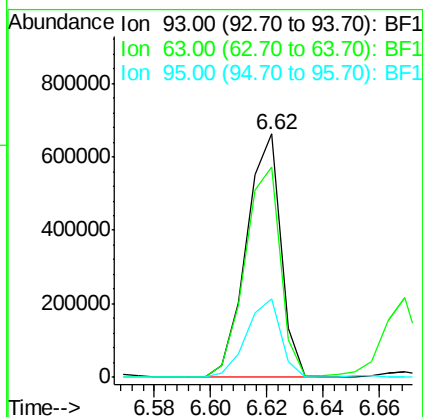
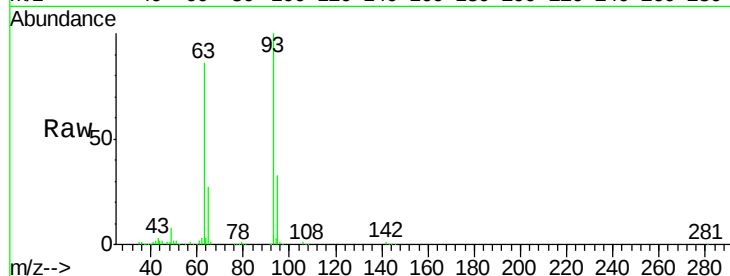




#11
bis(2-Chloroethyl)ether
Concen: 37.104 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

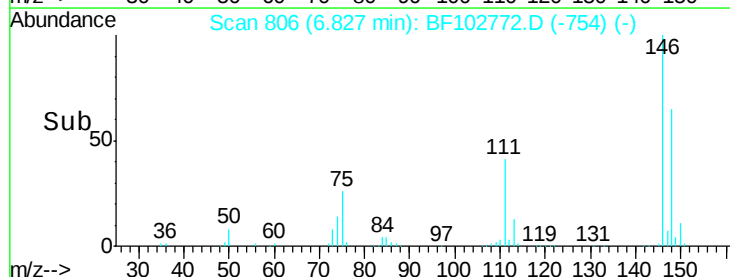
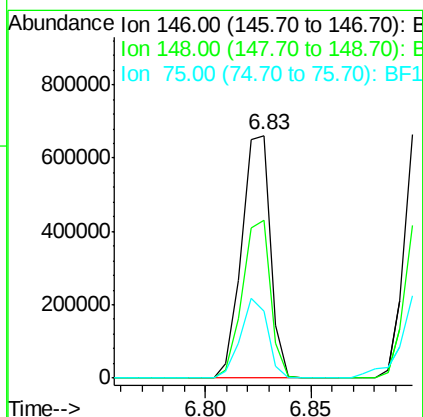
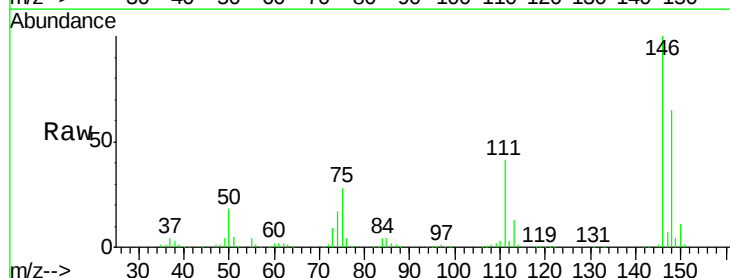
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

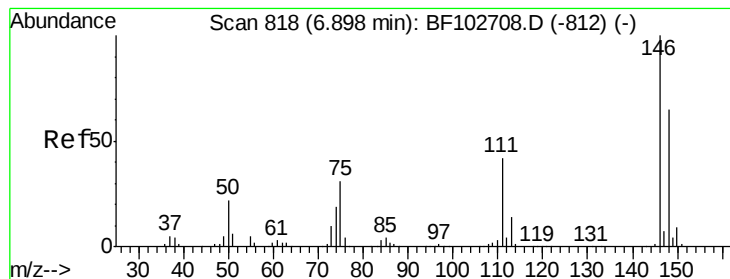
Tot Ion	Ratio	Lower	Upper
93	100		
63	86.5	58.6	98.6
95	32.5	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 37.306 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	27.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.027 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

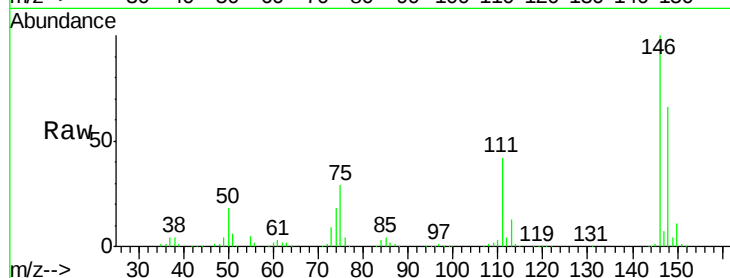
Tot Ion:146 Resp: 616308

Ion Ratio Lower Upper

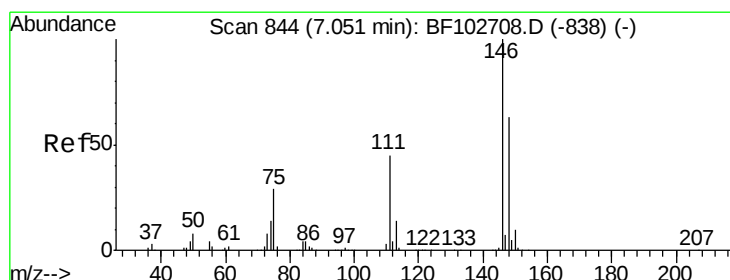
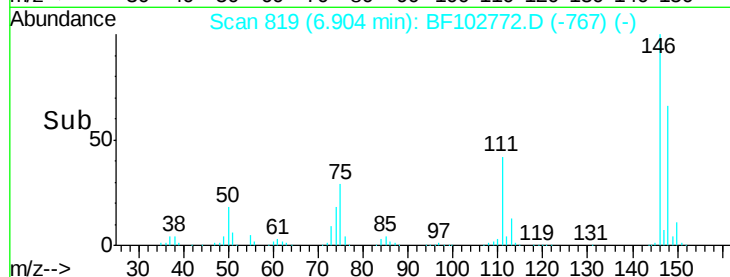
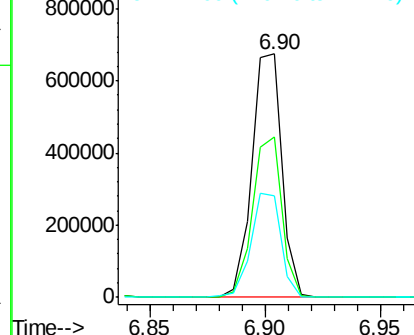
146 100

148 65.7 50.8 76.2

111 41.5 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 37.383 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

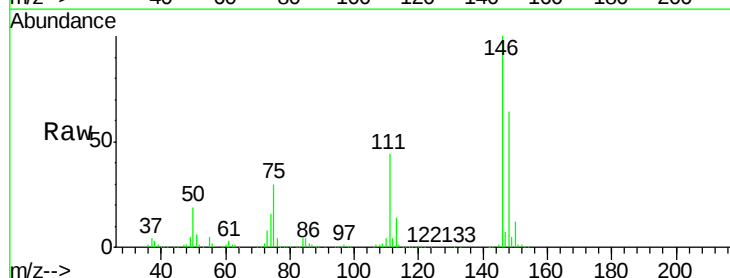
Tgt Ion:146 Resp: 579568

Ion Ratio Lower Upper

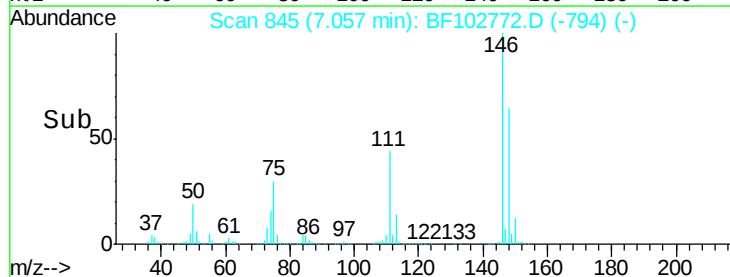
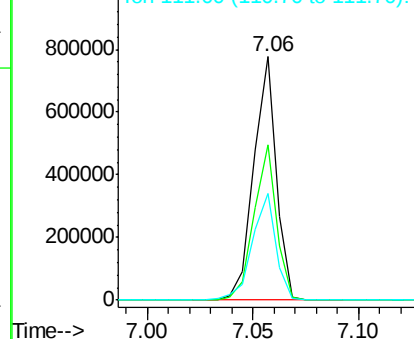
146 100

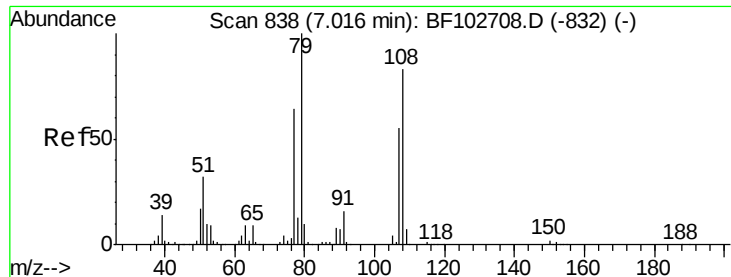
148 63.6 50.6 75.8

111 43.7 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 38.668 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

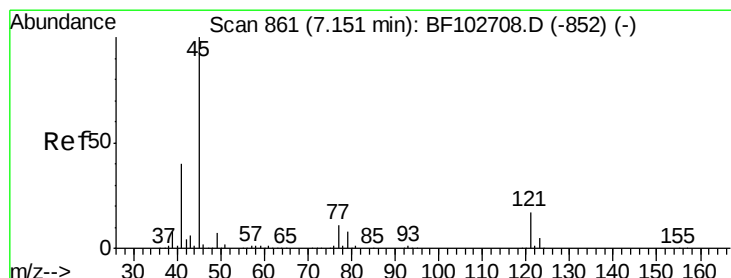
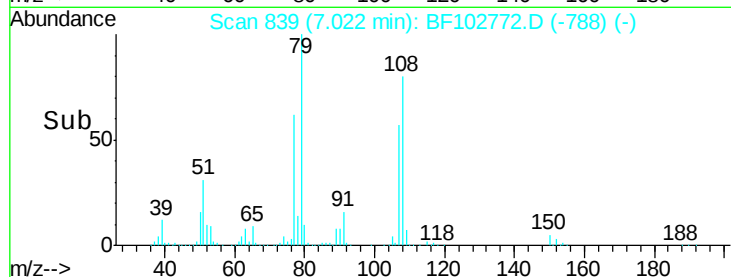
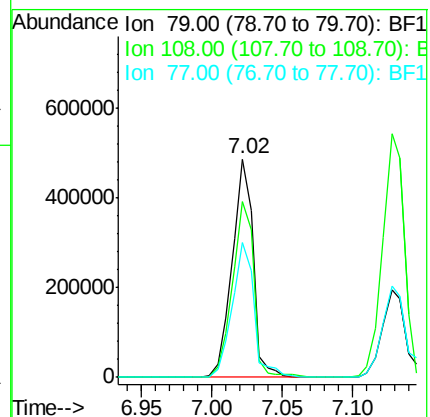
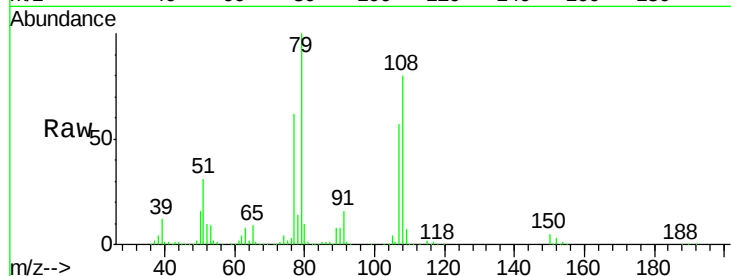
Tot Ion: 79 Resp: 501702

Ion Ratio Lower Upper

79 100

108 80.3 65.1 97.7

77 61.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.137 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

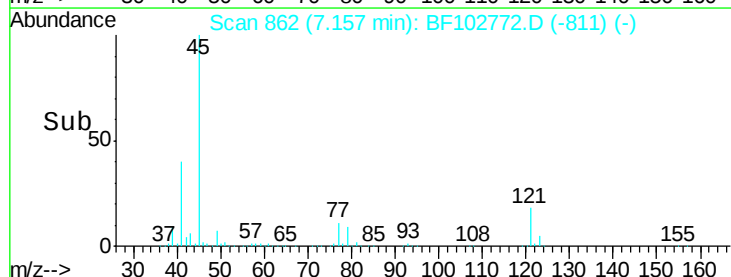
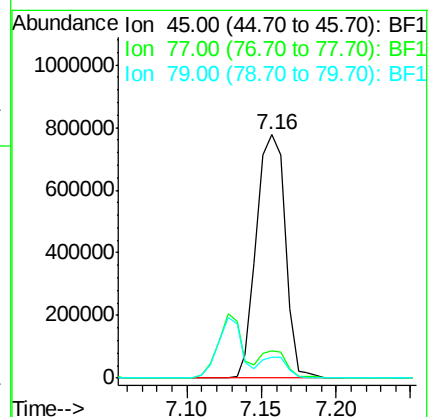
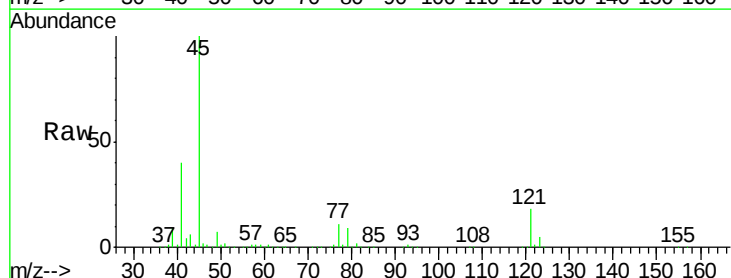
Tgt Ion: 45 Resp: 1033090

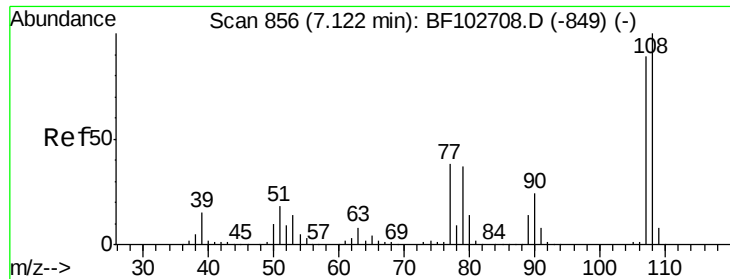
Ion Ratio Lower Upper

45 100

77 11.5 0.0 32.9

79 8.7 0.0 29.6

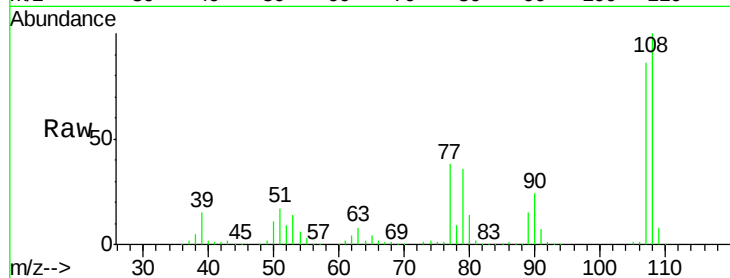




#17
2-Methylphenol
Concen: 37.600 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.5	91.7	137.5
77	44.0	33.8	50.8
79	41.9	33.8	50.8



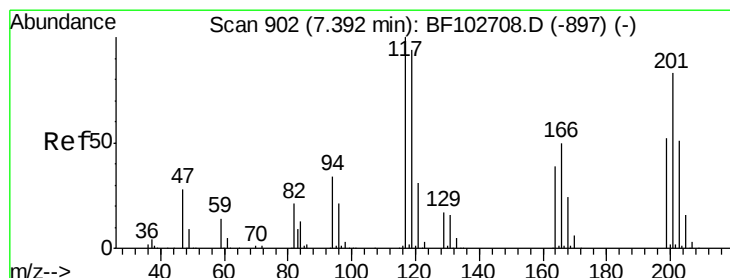
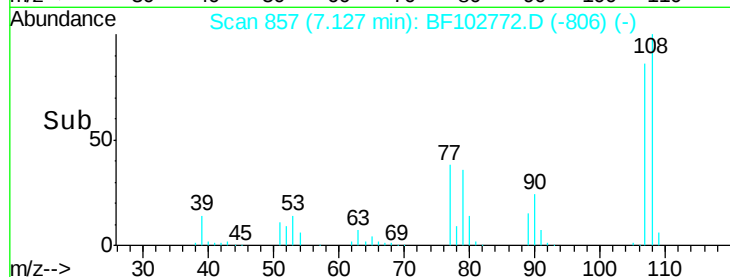
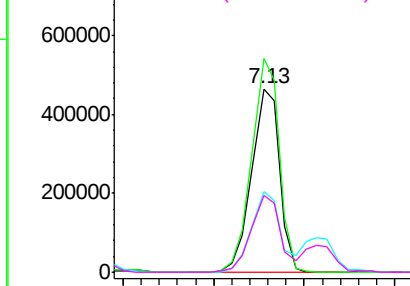
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

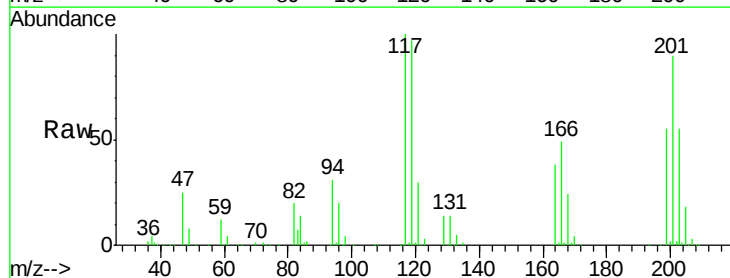
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.436 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.8	113.8
201	89.9	75.7	113.5

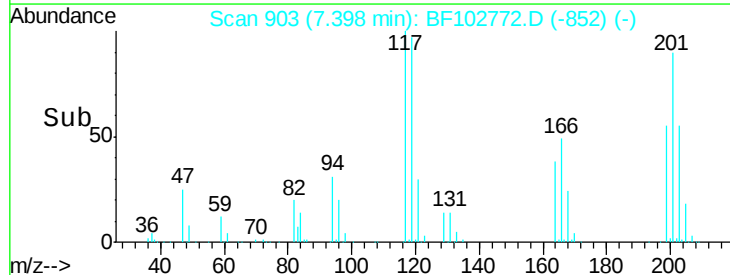
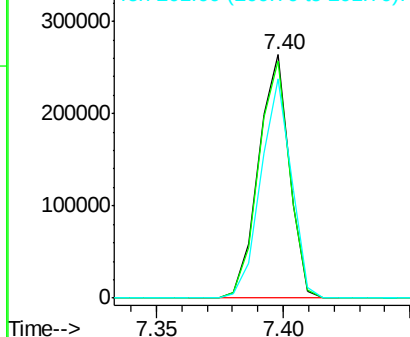


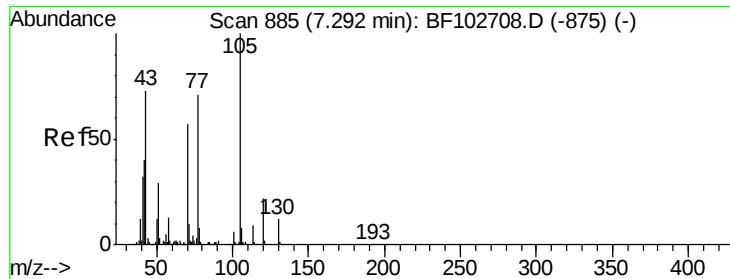
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

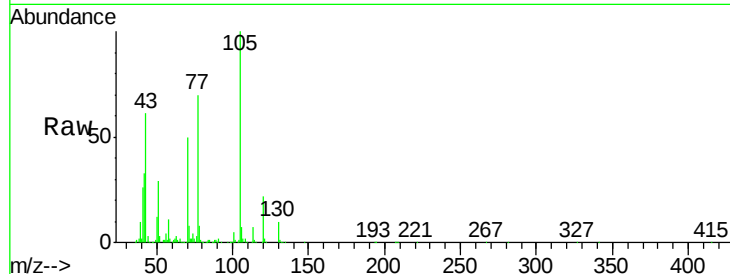




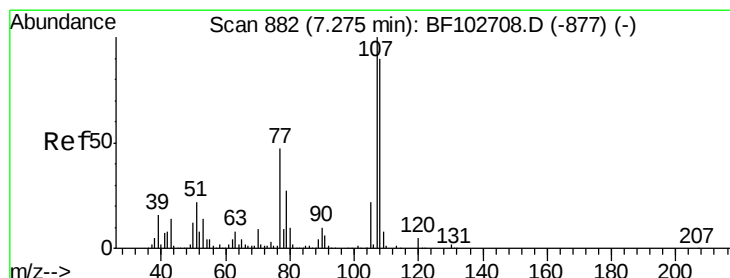
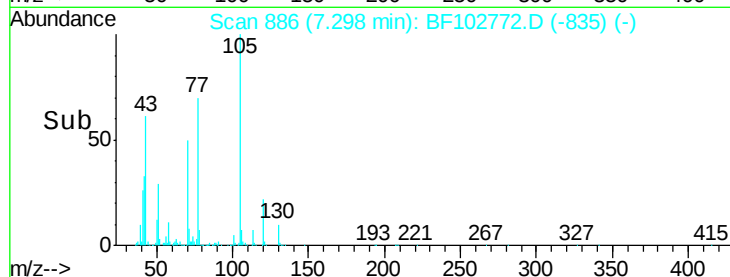
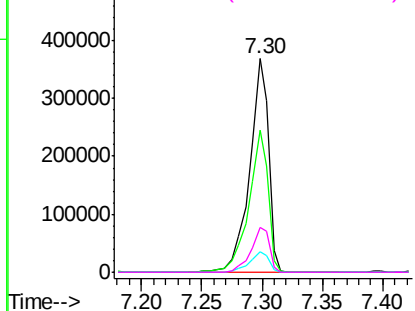
#19
n-Nitroso-di-n-propylamine
Concen: 36.146 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 402187
Ion Ratio Lower Upper
70 100
42 66.7 47.5 71.3
101 9.6 7.4 11.2
130 20.9 16.6 25.0

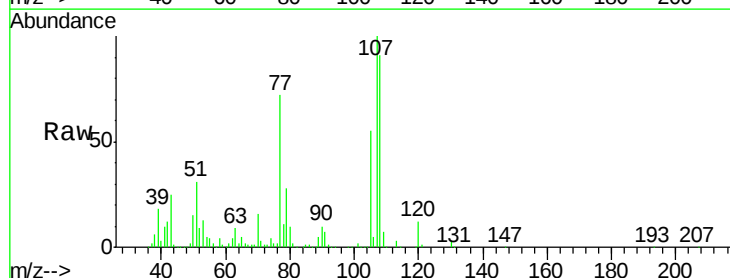


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

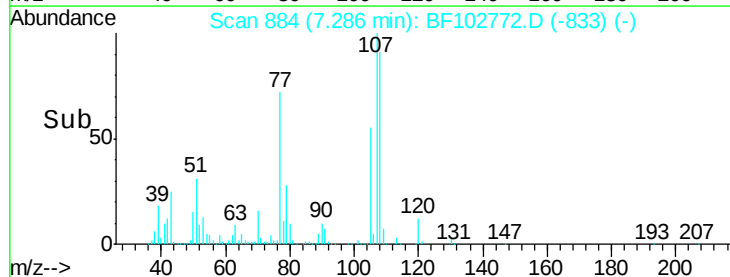
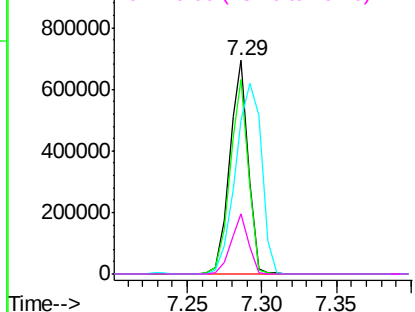


#20
3+4-Methylphenols
Concen: 37.181 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

Tgt Ion: 107 Resp: 610270
Ion Ratio Lower Upper
107 100
108 91.2 68.2 108.2
77 71.7 26.7 66.7#
79 28.4 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 895996

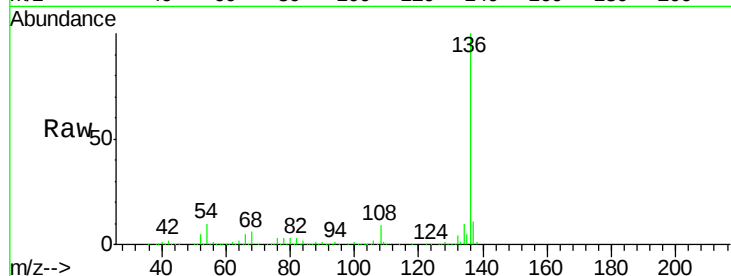
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.6 6.6 9.8

68 6.0 5.0 7.4

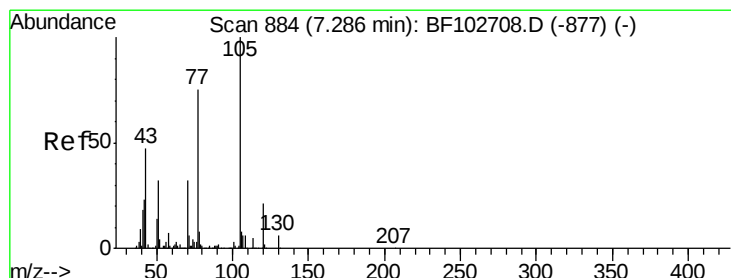
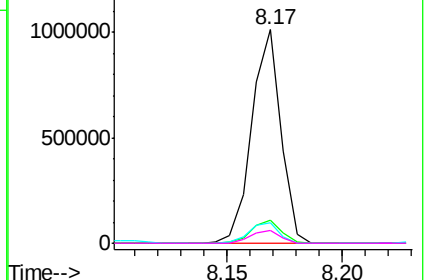
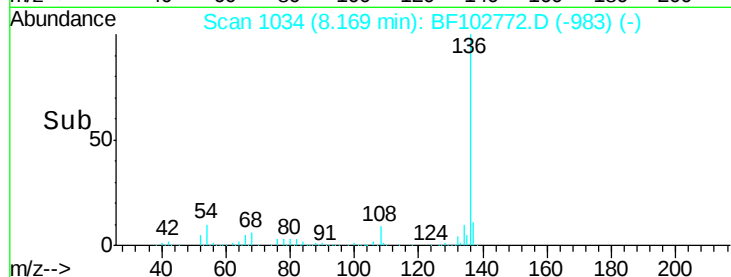


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.706 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Tgt Ion:105 Resp: 782892

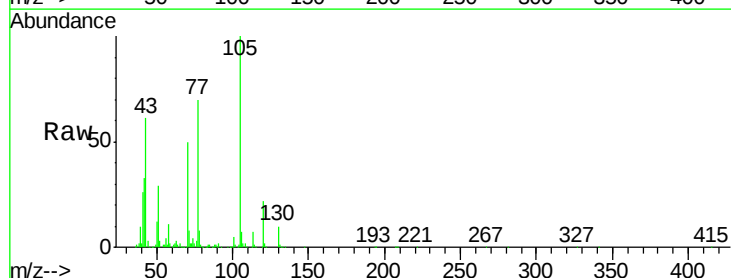
Ion Ratio Lower Upper

105 100

71 8.4 4.4 6.6#

51 29.1 22.3 33.5

120 22.1 16.9 25.3

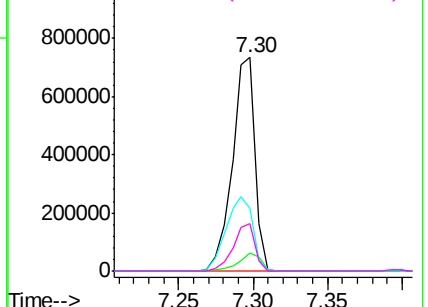
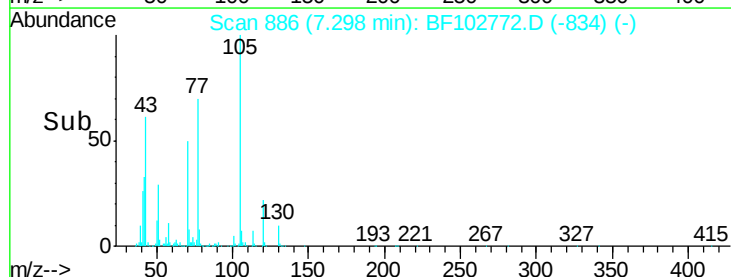


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

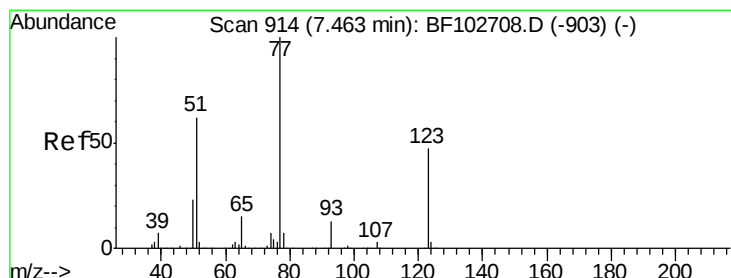
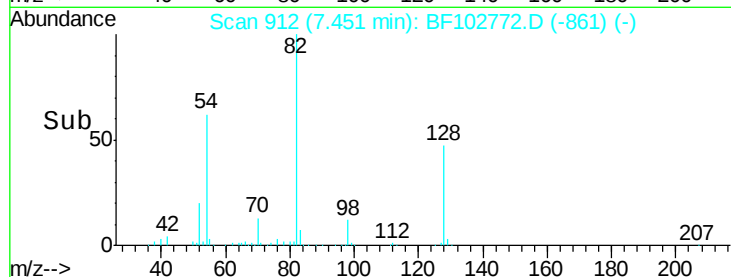
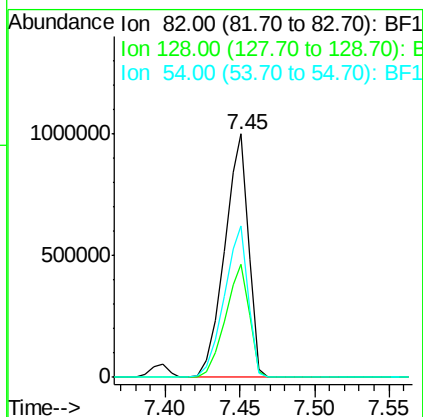
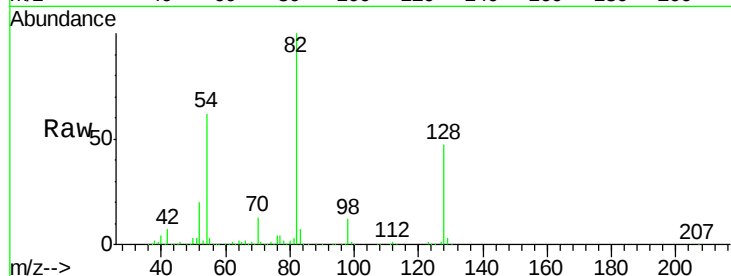




#23
 Nitrobenzene-d5
 Concen: 87.084 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BF102772.D
 Acq: 6 Feb 2018 9:49

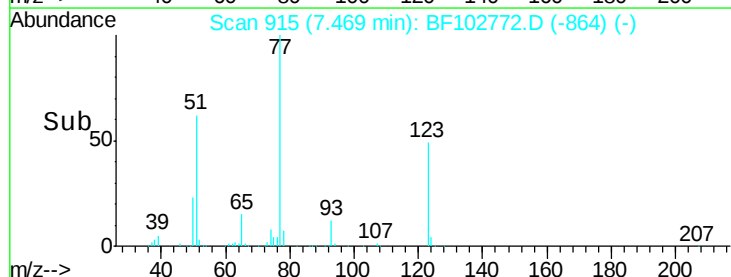
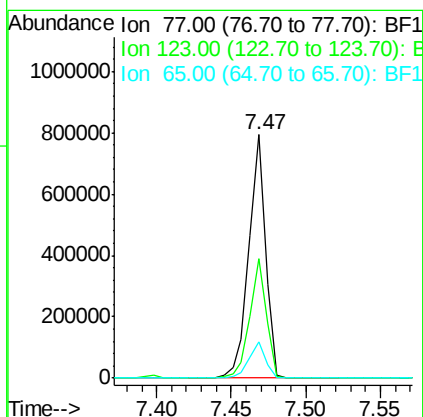
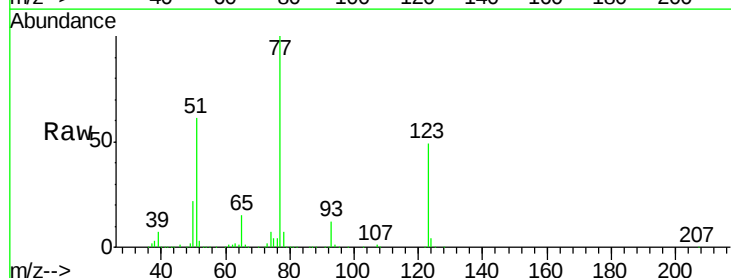
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

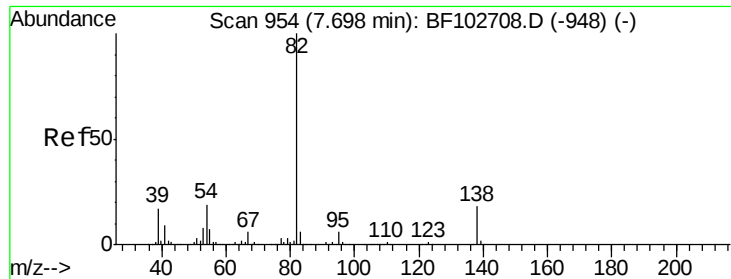
Tot Ion: 82 Resp: 1124780
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 62.3 41.4 62.2#



#24
 Nitrobenzene
 Concen: 40.722 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF102772.D
 Acq: 6 Feb 2018 9:49

Tgt Ion: 77 Resp: 618797
 Ion Ratio Lower Upper
 77 100
 123 49.2 37.9 56.9
 65 14.9 11.0 16.4





#25

Isophorone

Concen: 36.642 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

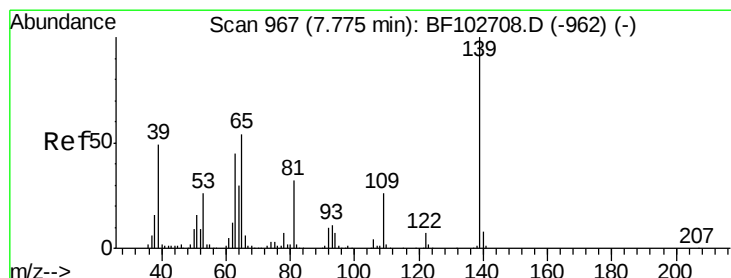
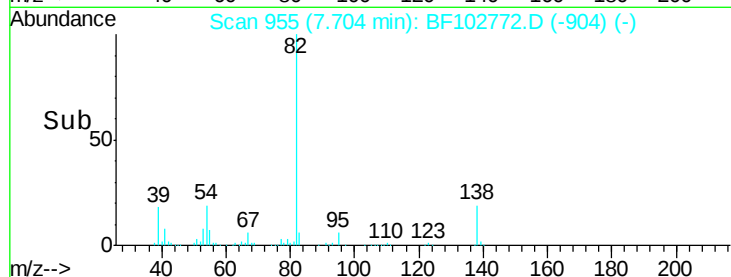
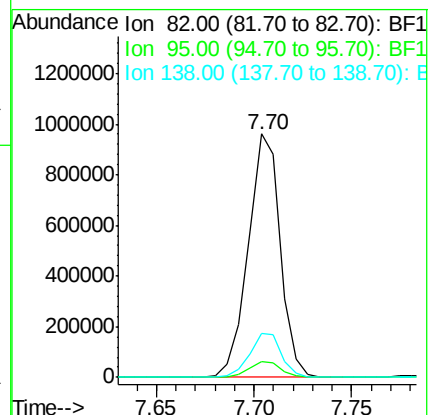
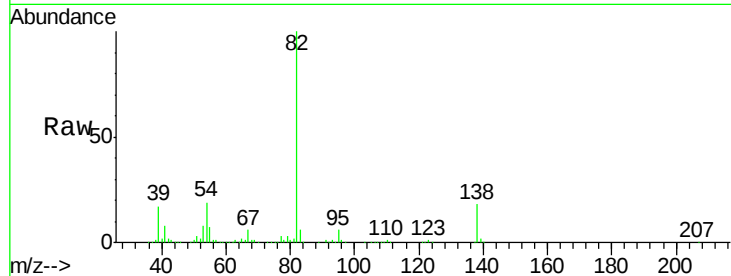
Tot Ion: 82 Resp: 1089771

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 18.3 14.9 22.3



#26

2-Nitrophenol

Concen: 49.878 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

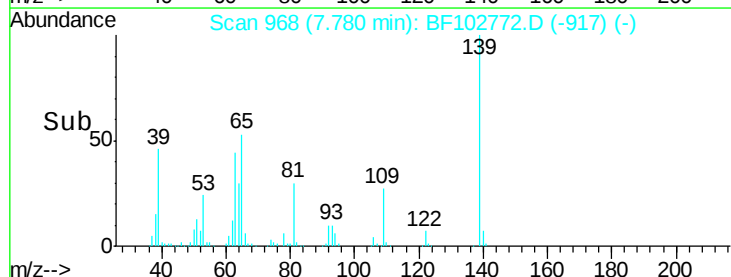
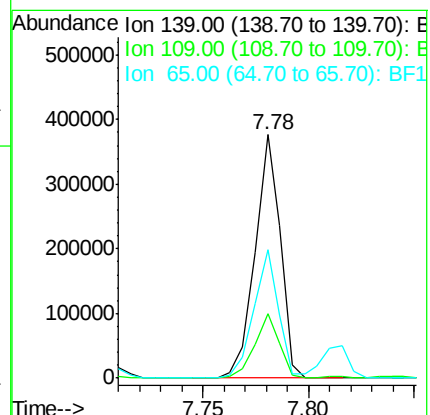
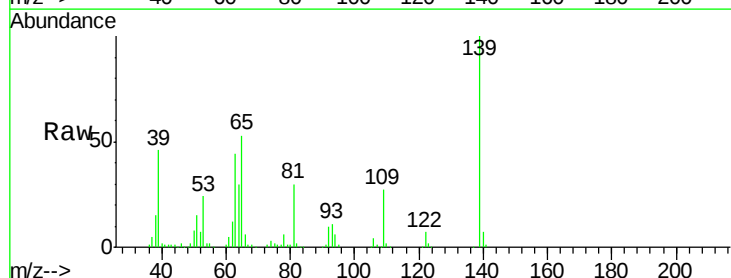
Tgt Ion: 139 Resp: 313907

Ion Ratio Lower Upper

139 100

109 26.7 22.7 34.1

65 53.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 35.593 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

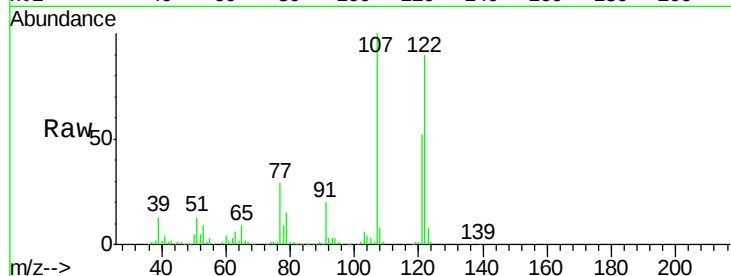
Tot Ion:122 Resp: 447230

Ion Ratio Lower Upper

122 100

107 111.1 91.2 136.8

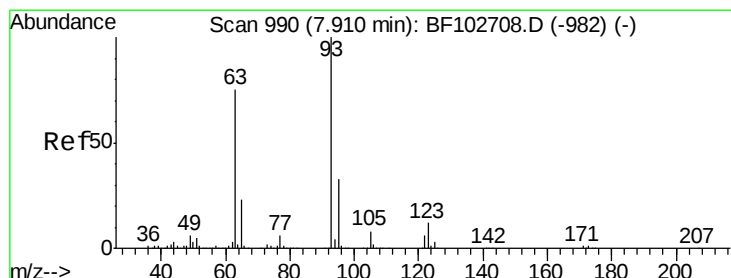
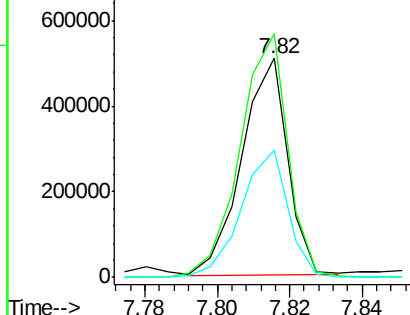
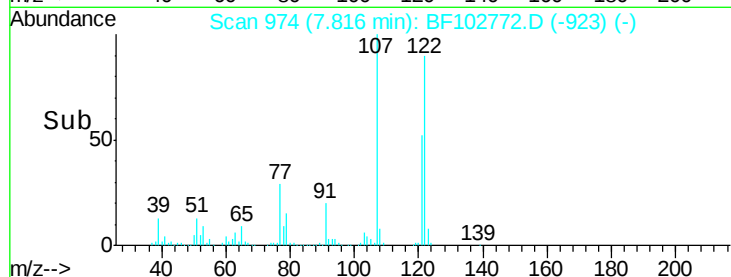
121 57.9 47.2 70.8



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: 36.695 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

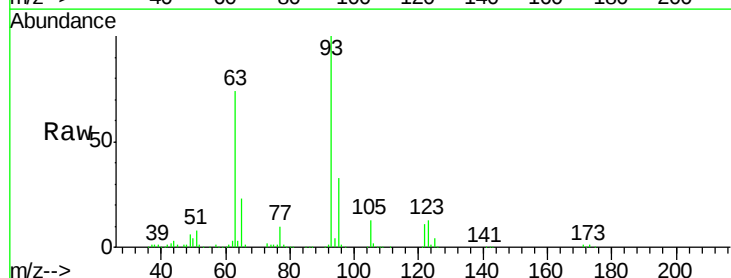
Tgt Ion: 93 Resp: 646516

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

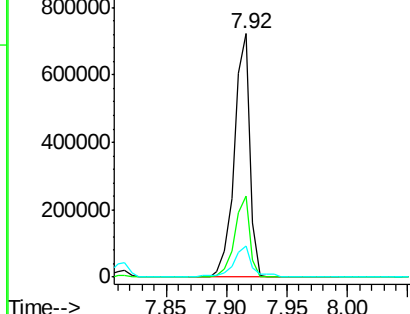
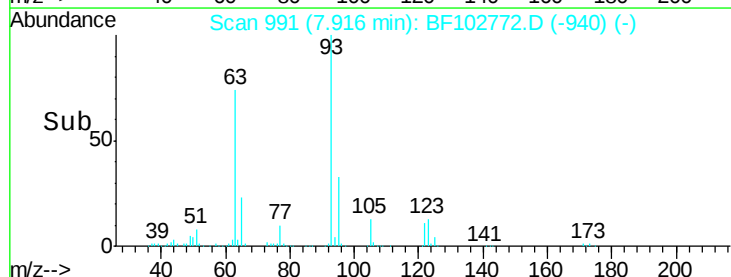
123 12.6 9.8 14.6



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

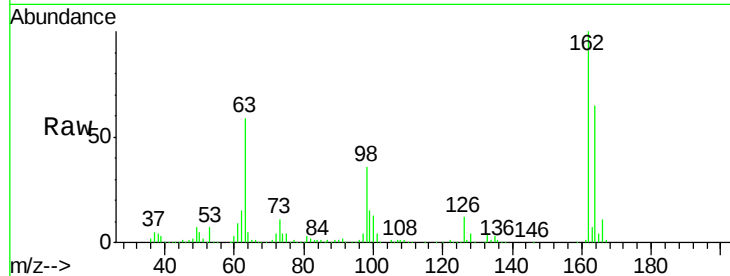




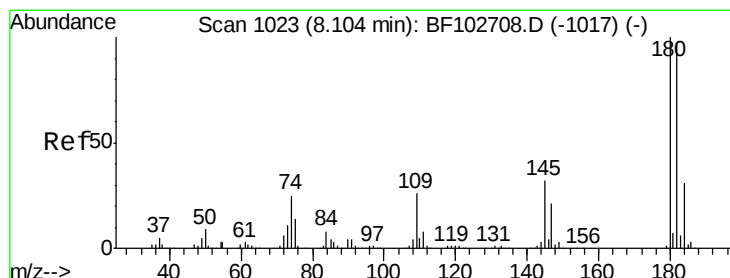
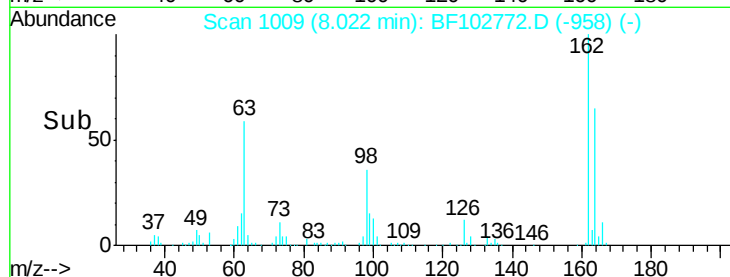
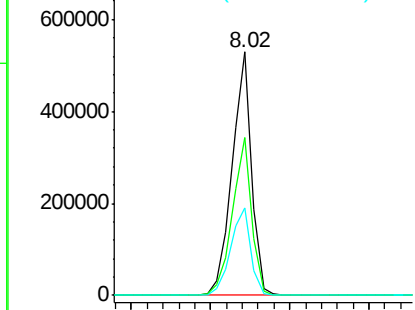
#29
 2,4-Dichlorophenol
 Concen: 39.647 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF102772.D
 Acq: 6 Feb 2018 9:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.7	82.7
98	36.1	18.1	58.1

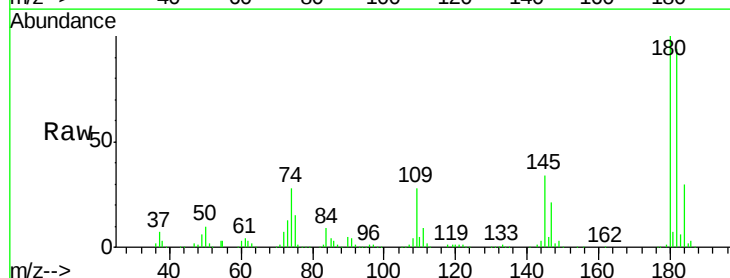


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

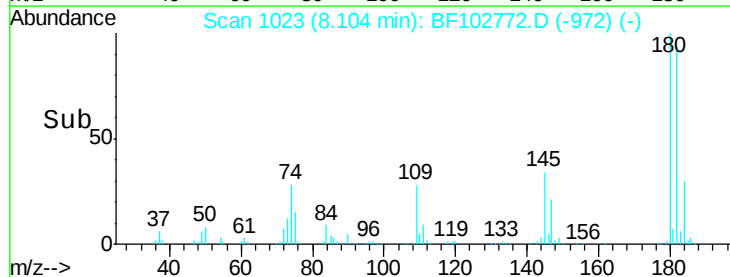
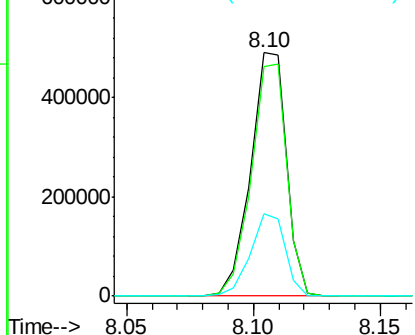


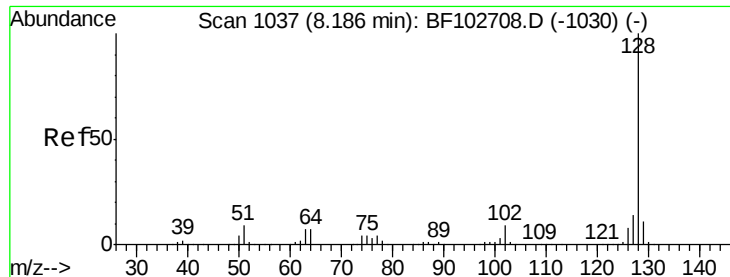
#30
 1,2,4-Trichlorobenzene
 Concen: 37.389 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF102772.D
 Acq: 6 Feb 2018 9:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.8	115.2
145	33.9	26.5	39.7



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

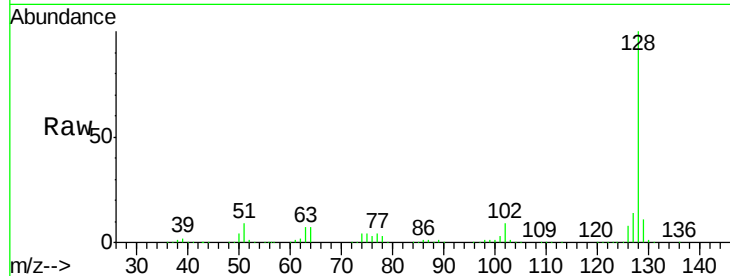




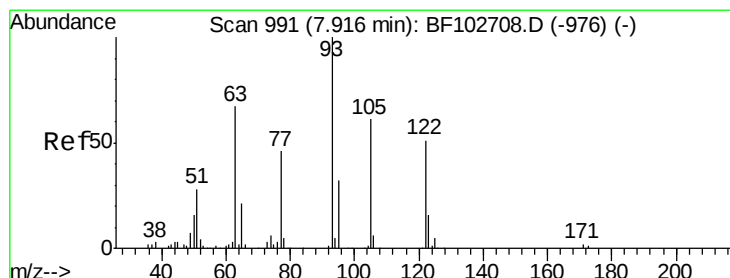
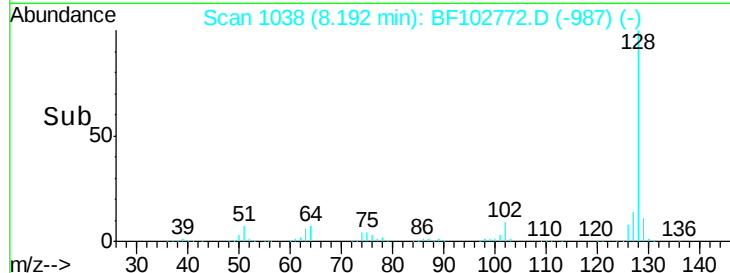
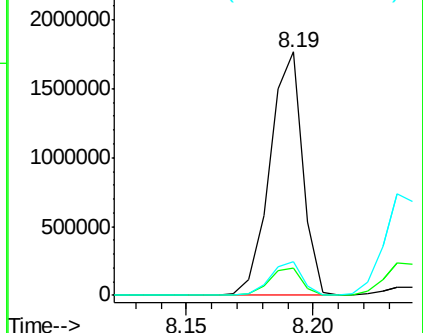
#31
Naphthalene
Concen: 36.530 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1599149
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.9 10.9 16.3

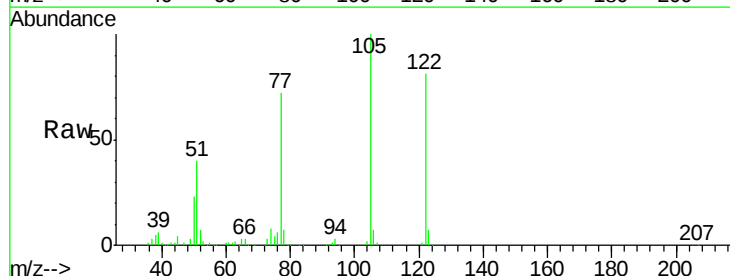


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

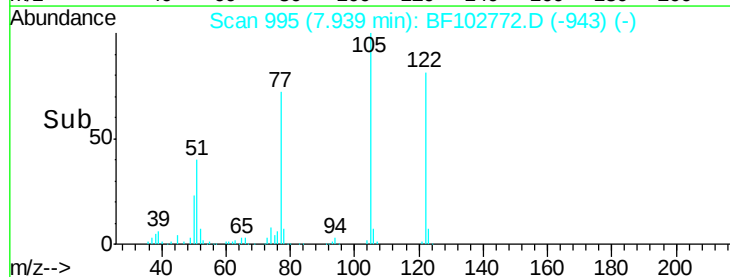
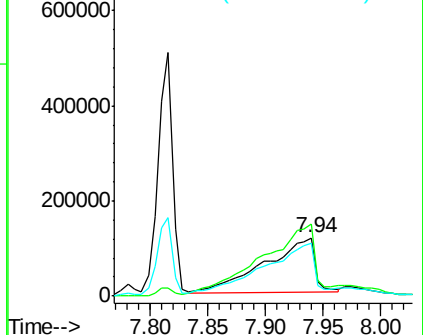


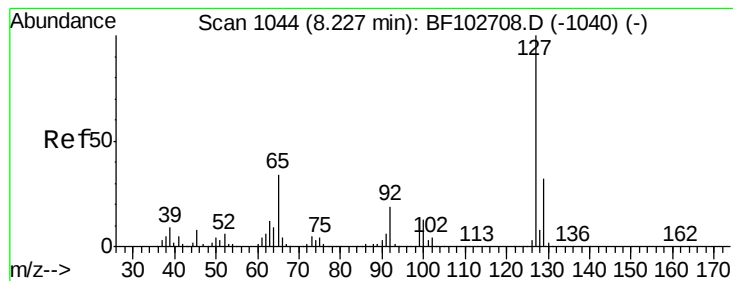
#32
Benzoic acid
Concen: 41.284 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

Tgt Ion:122 Resp: 344379
Ion Ratio Lower Upper
122 100
105 124.2 101.1 141.1
77 89.4 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: 37.881 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 714374

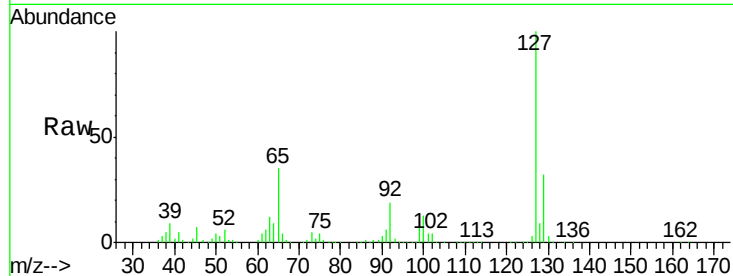
Ion Ratio Lower Upper

127 100

129 32.2 25.9 38.9

65 34.6 25.0 37.4

92 19.5 15.2 22.8

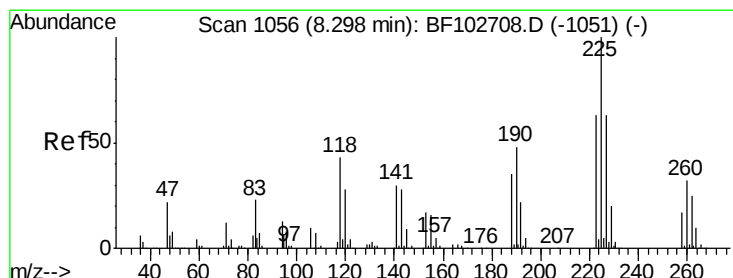
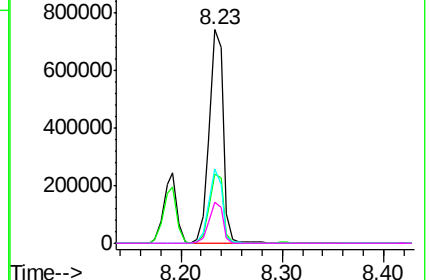
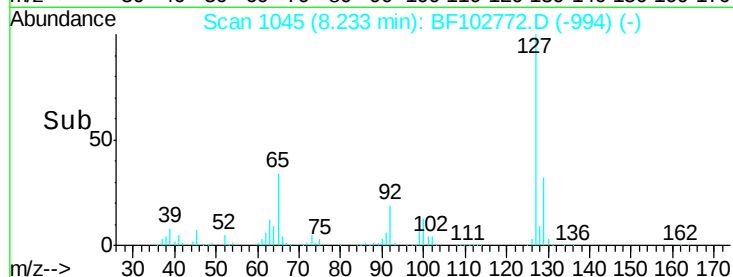


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 37.447 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

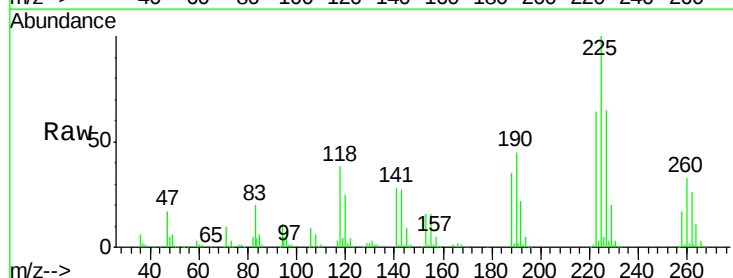
Tgt Ion:225 Resp: 247958

Ion Ratio Lower Upper

225 100

223 64.1 50.6 76.0

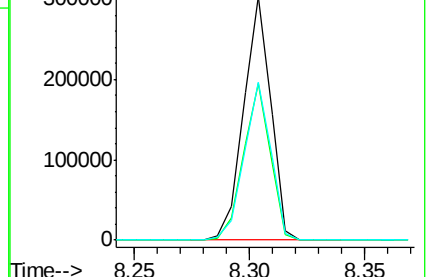
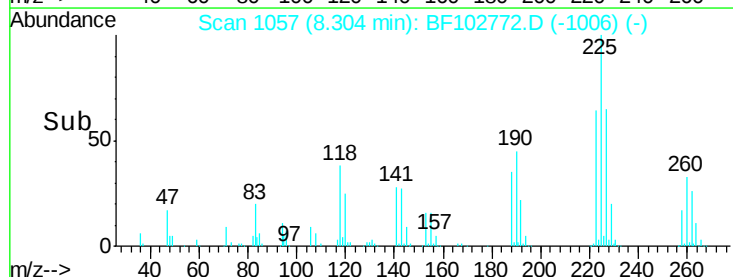
227 64.8 51.9 77.9

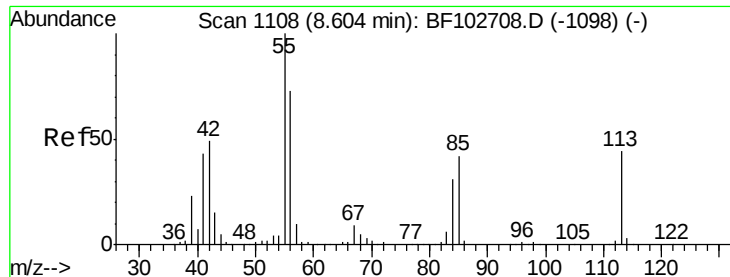


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

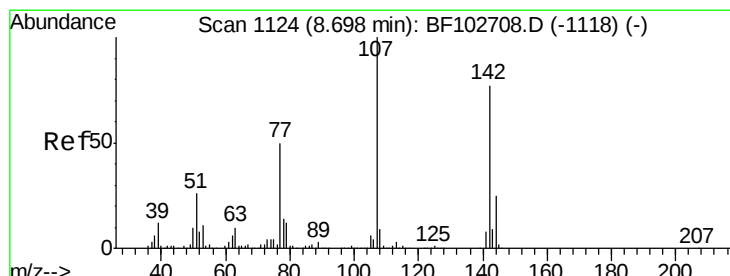
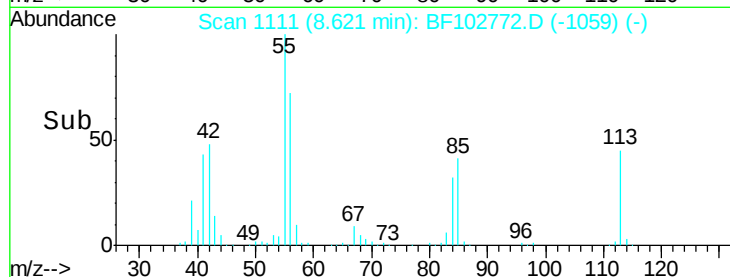
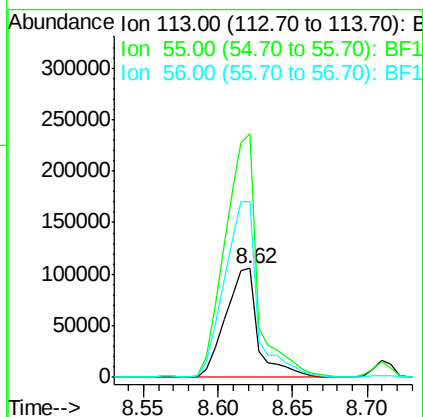
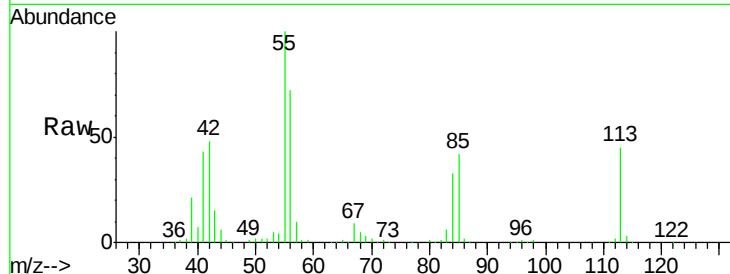




#35
Caprolactam
Concen: 40.815 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

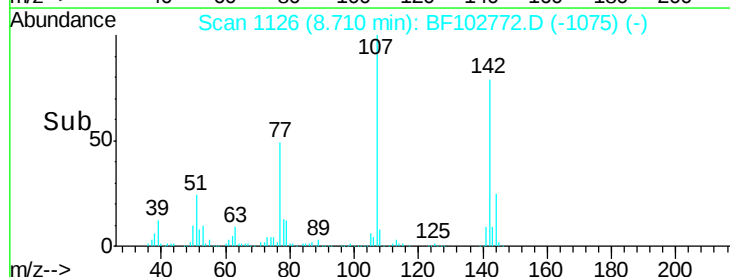
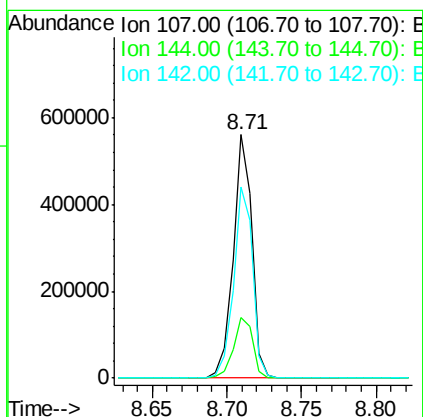
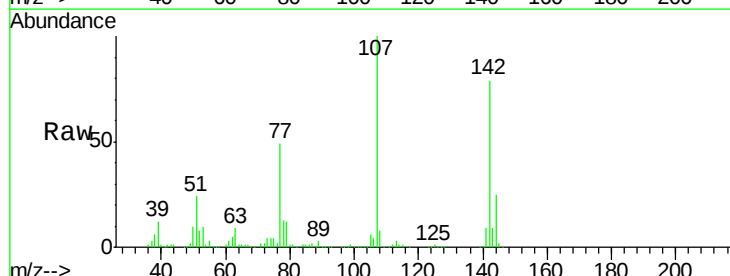
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

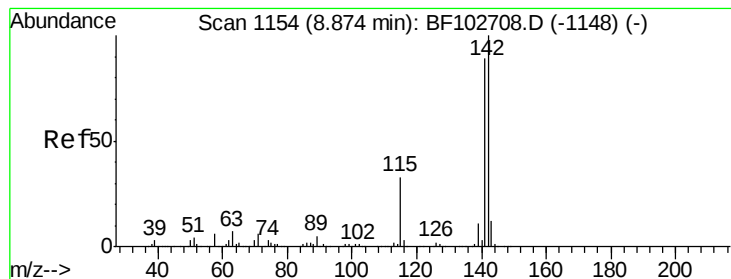
Tot Ion:113 Resp: 161908
Ion Ratio Lower Upper
113 100
55 223.9 163.3 203.3#
56 161.8 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 38.783 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

Tgt Ion:107 Resp: 497745
Ion Ratio Lower Upper
107 100
144 25.1 20.5 30.7
142 78.8 62.0 93.0





#37

2-Methylnaphthalene

Concen: 36.574 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

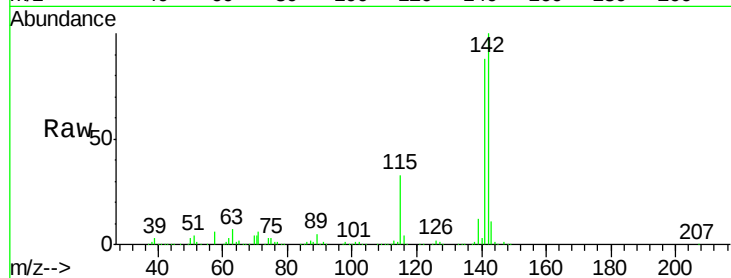
Tot Ion:142 Resp: 1048235

Ion Ratio Lower Upper

142 100

141 88.1 70.8 106.2

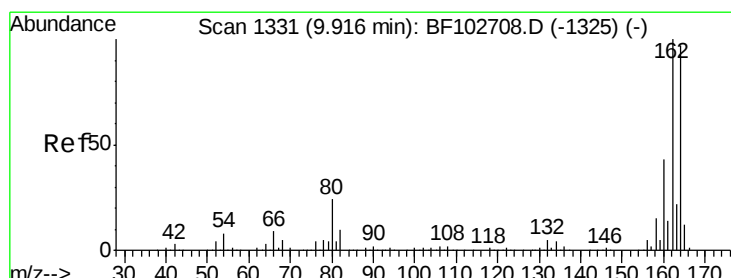
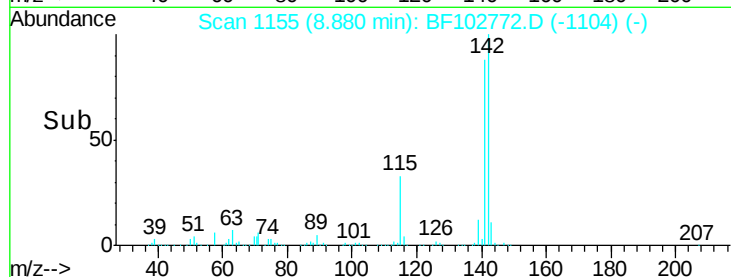
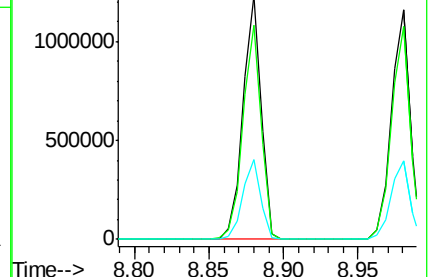
115 32.5 26.1 39.1



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: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

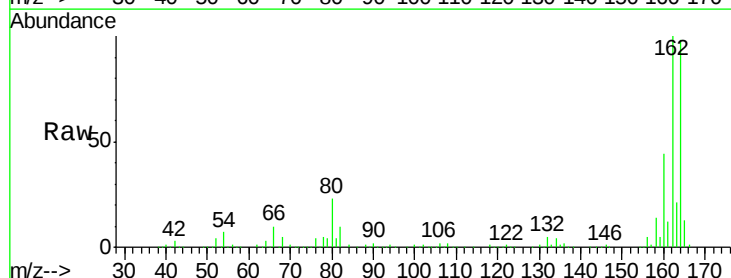
Tgt Ion:164 Resp: 404100

Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

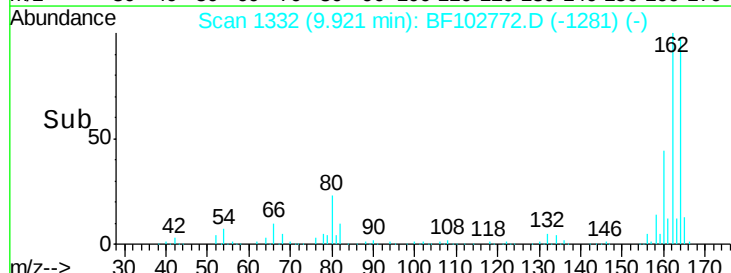
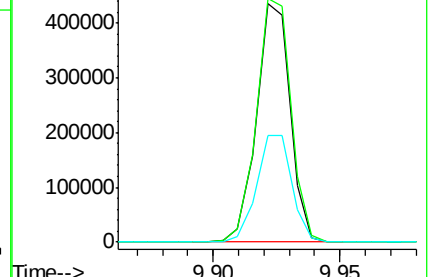
160 44.8 38.3 57.5

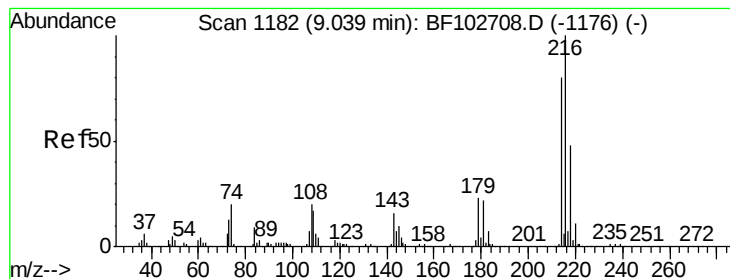


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.020 ng

RT: 9.04 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 418329

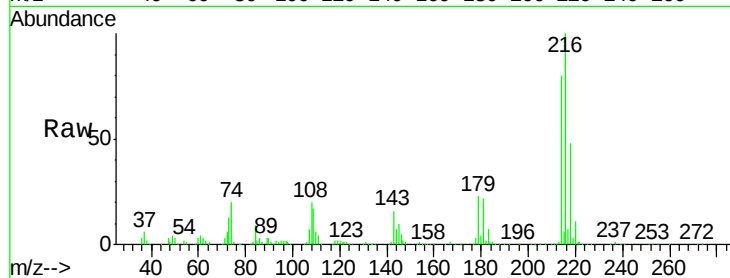
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 23.3 18.1 27.1

108 22.3 17.2 25.8

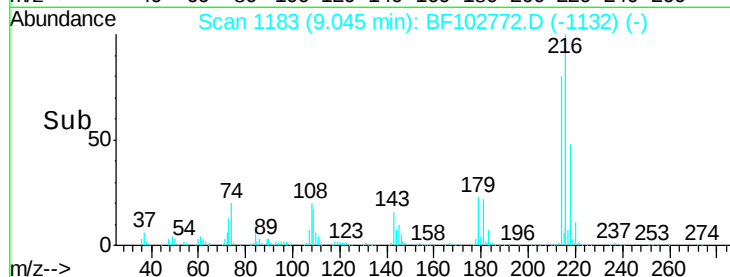


Abundance Ion 216.00 (215.70 to 216.70): E

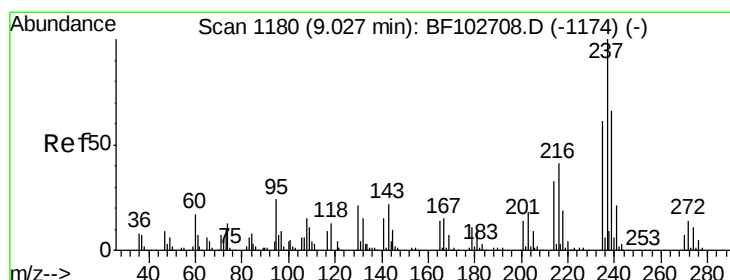
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 44.486 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

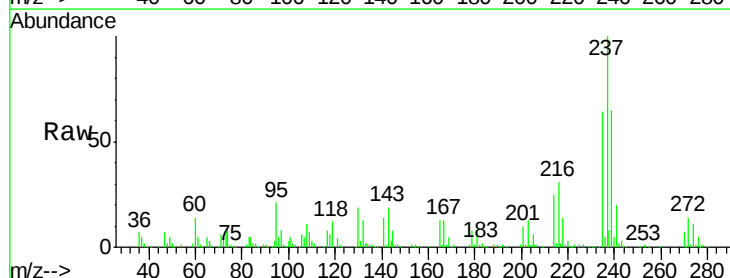
Tgt Ion:237 Resp: 232688

Ion Ratio Lower Upper

237 100

235 64.0 44.8 84.8

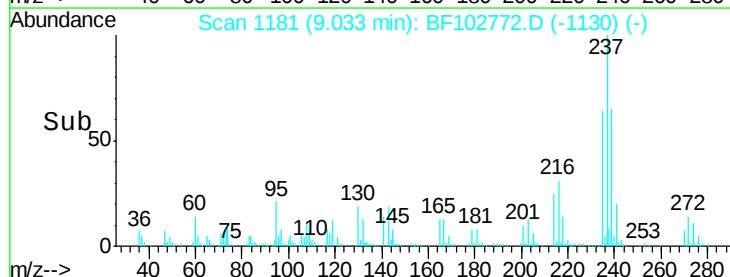
272 13.5 0.0 33.3



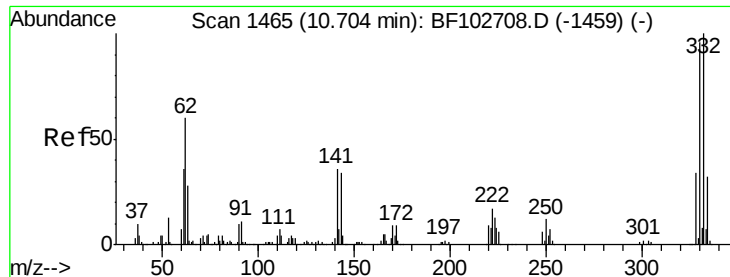
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



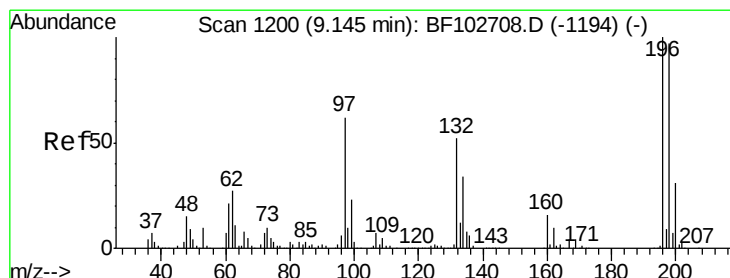
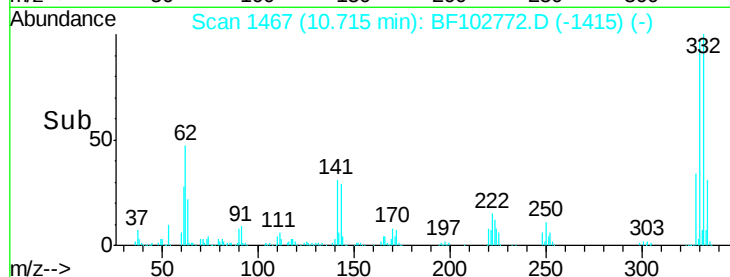
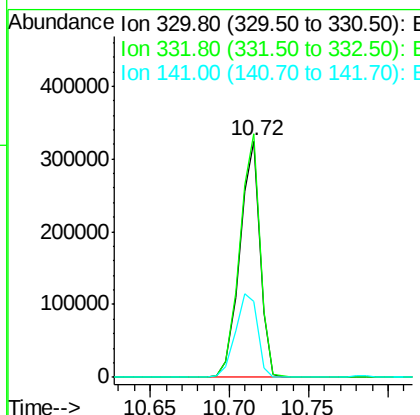
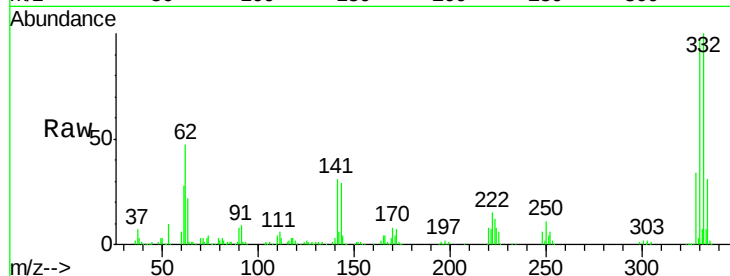
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 87.937 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102772.D
 Acq: 6 Feb 2018 9:49

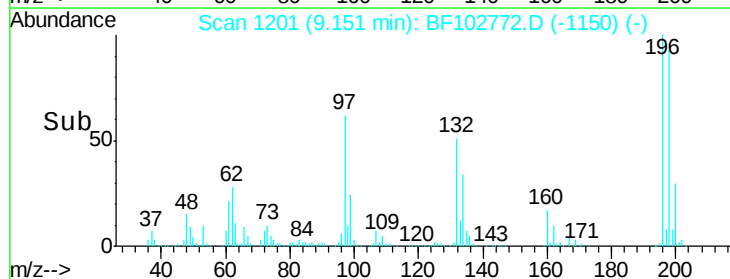
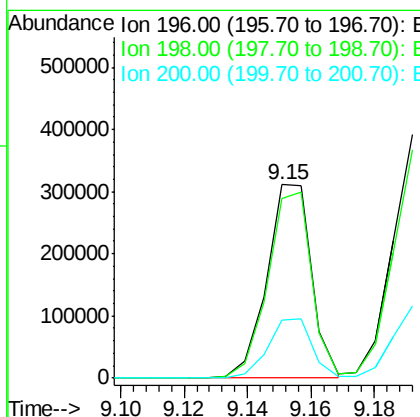
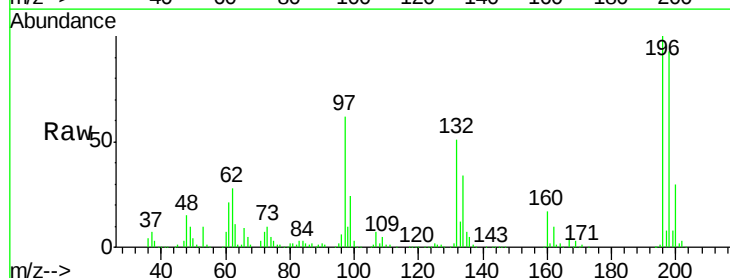
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 286018
 Ion Ratio Lower Upper
 330 100
 332 103.7 77.0 115.6
 141 38.9 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 42.146 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF102772.D
 Acq: 6 Feb 2018 9:49

Tgt Ion:196 Resp: 304590
 Ion Ratio Lower Upper
 196 100
 198 93.2 75.7 113.5
 200 30.0 24.5 36.7

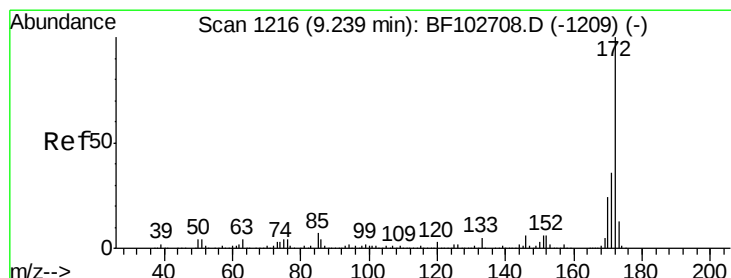
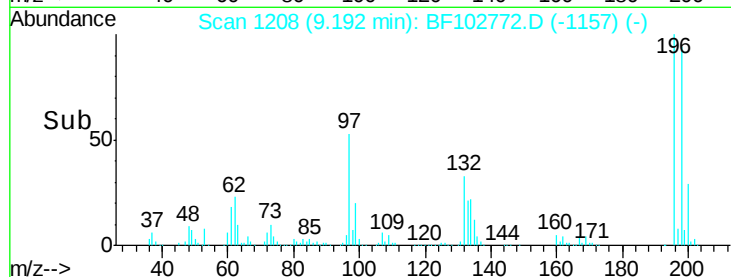
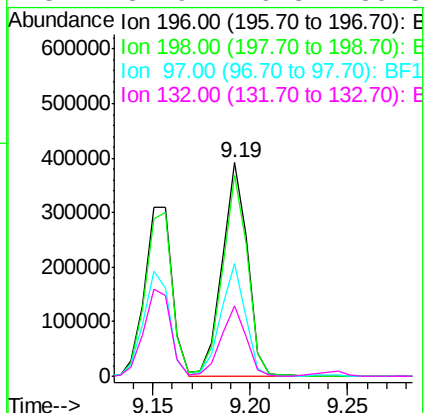
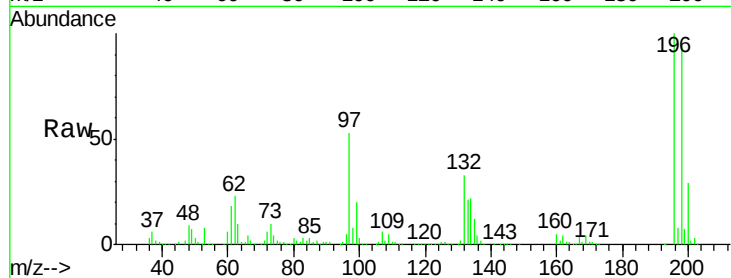




#43
 2,4,5-Trichlorophenol
 Concen: 42.970 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF102772.D
 Acq: 6 Feb 2018 9:49

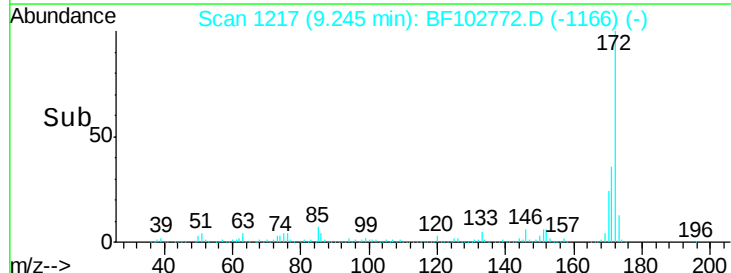
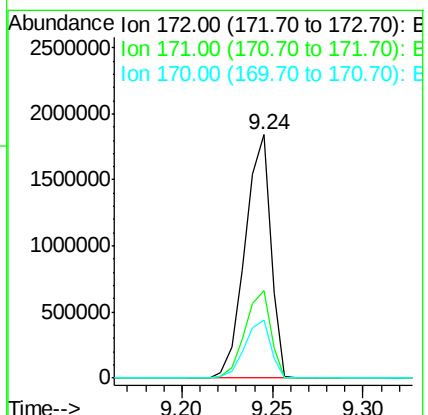
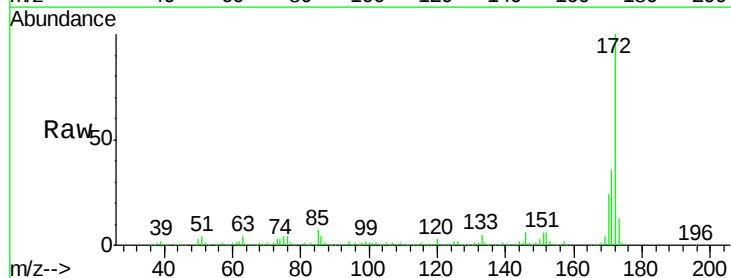
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

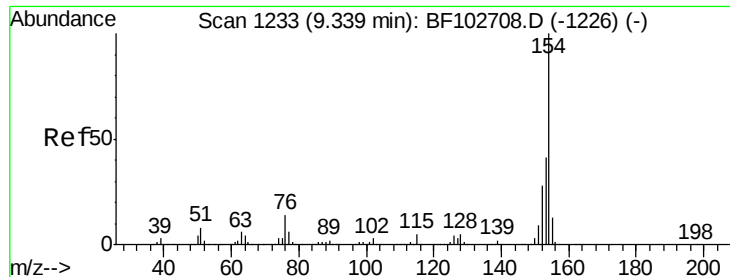
Tot Ion:196 Resp: 350013
 Ion Ratio Lower Upper
 196 100
 198 94.0 74.6 112.0
 97 52.7 42.9 64.3
 132 32.9 26.3 39.5



#44
 2-Fluorobiphenyl
 Concen: 74.675 ng
 RT: 9.24 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102772.D
 Acq: 6 Feb 2018 9:49

Tgt Ion:172 Resp: 1818545
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.9 19.6 29.4





#45

1,1'-Biphenyl

Concen: 37.080 ng

RT: 9.34 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

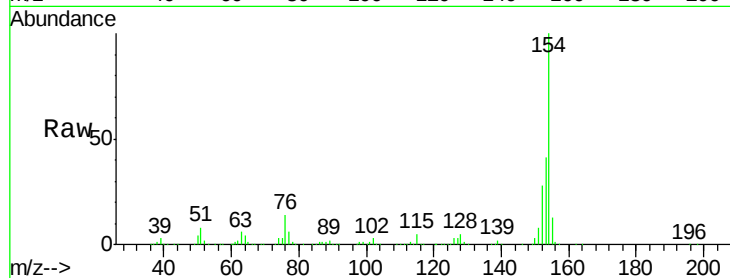
Tot Ion:154 Resp: 1262079

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

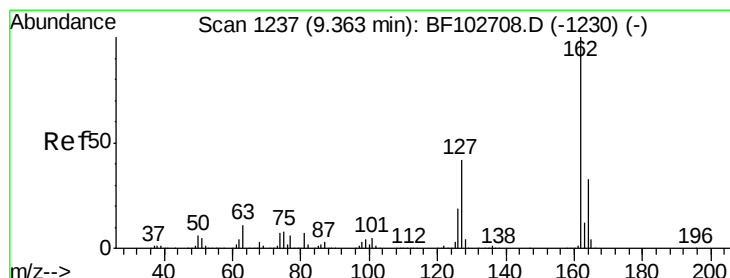
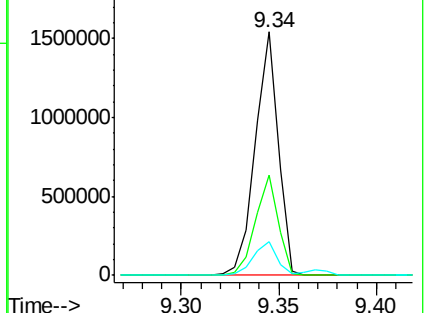
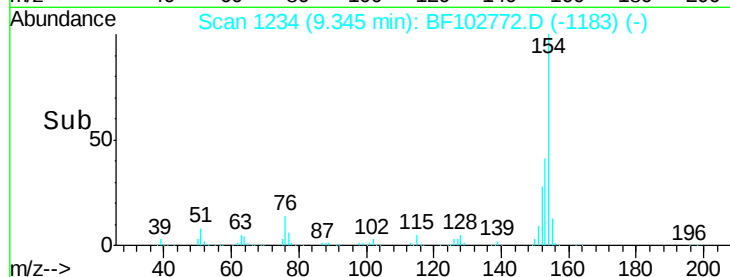
76 13.8 0.0 34.0



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: 38.073 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

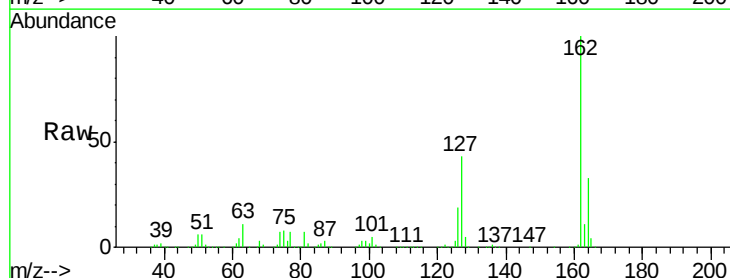
Tgt Ion:162 Resp: 1020190

Ion Ratio Lower Upper

162 100

127 42.8 33.9 50.9

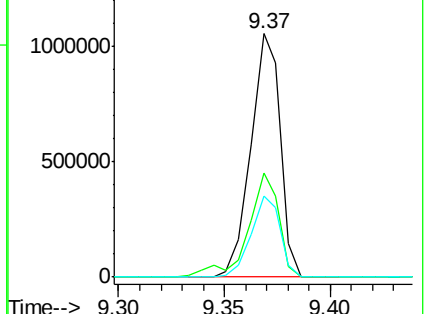
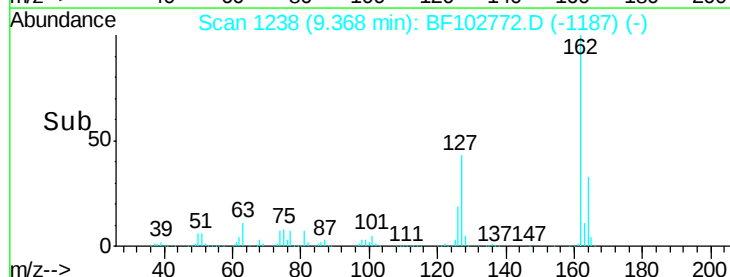
164 33.2 26.5 39.7

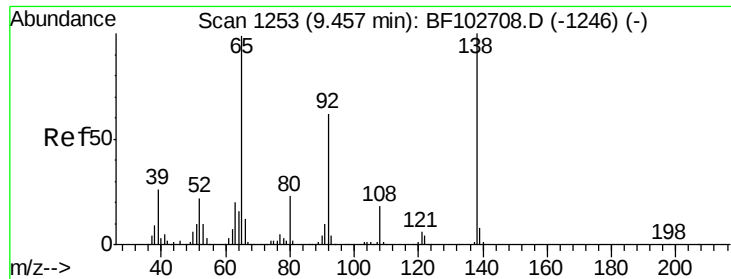


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

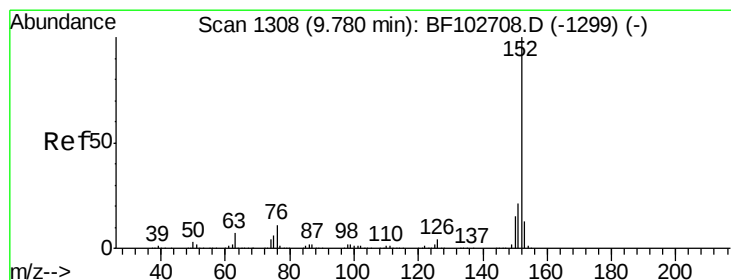
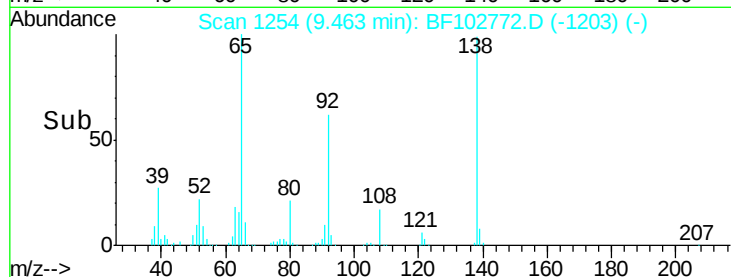
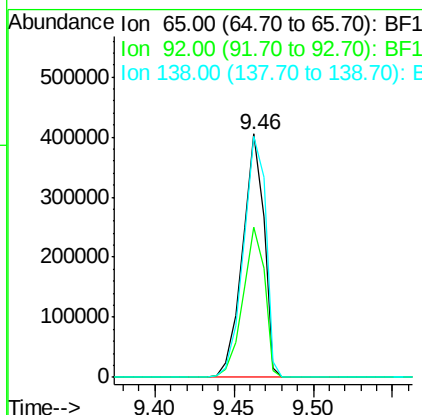
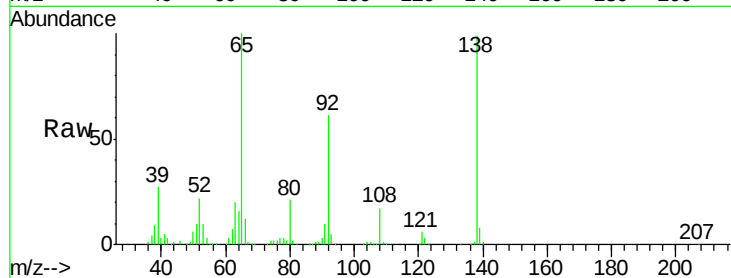




#47
2-Nitroaniline
Concen: 45.880 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

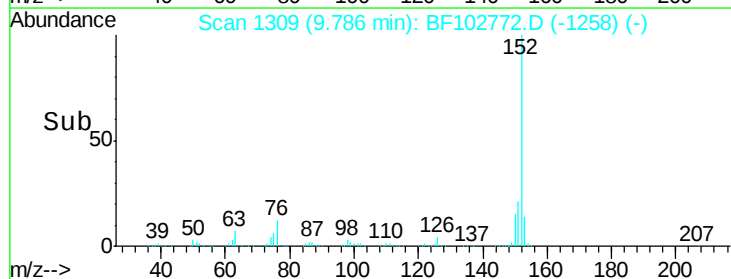
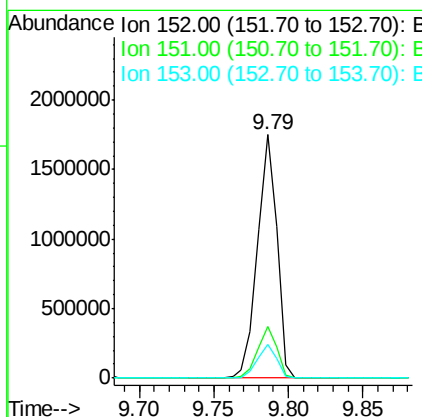
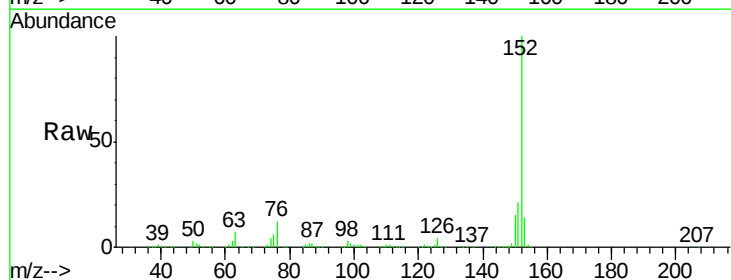
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

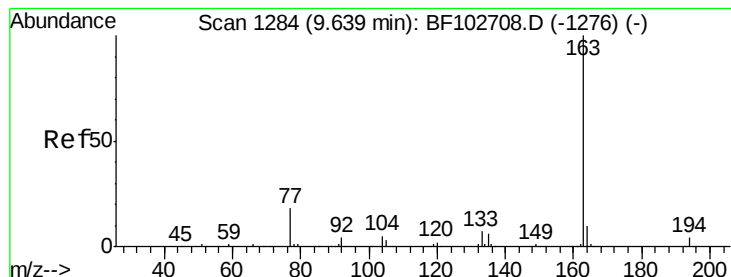
Tot Ion: 65 Resp: 377994
Ion Ratio Lower Upper
65 100
92 61.4 55.8 83.6
138 99.0 91.2 136.8



#48
Acenaphthylene
Concen: 37.446 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

Tgt Ion: 152 Resp: 1558454
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.8 10.7 16.1





#49

Dimethylphthalate

Concen: 38.232 ng

RT: 9.64 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

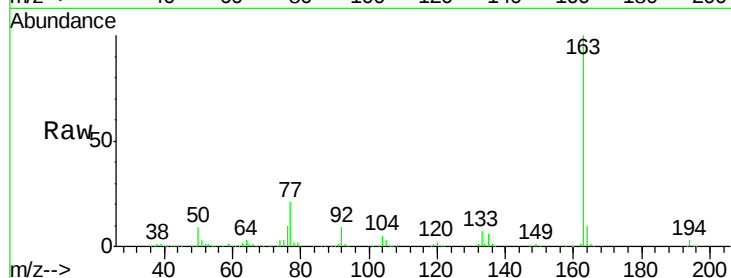
Tot Ion:163 Resp: 1204619

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

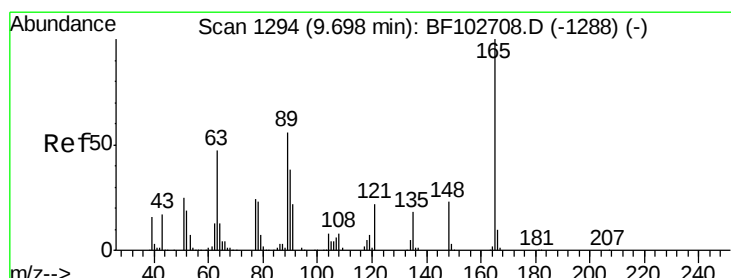
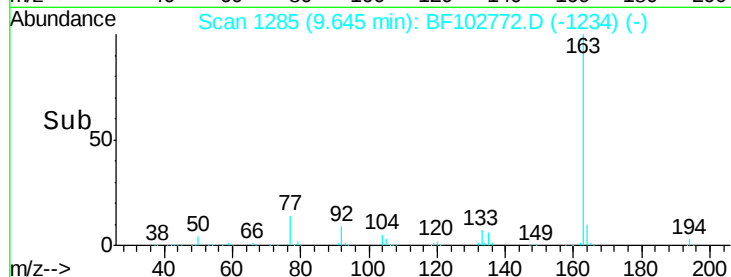
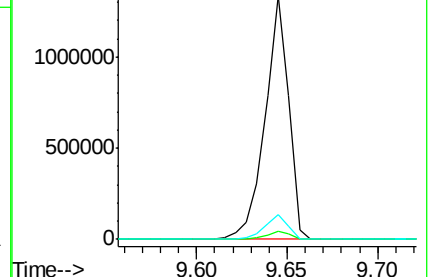
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.463 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

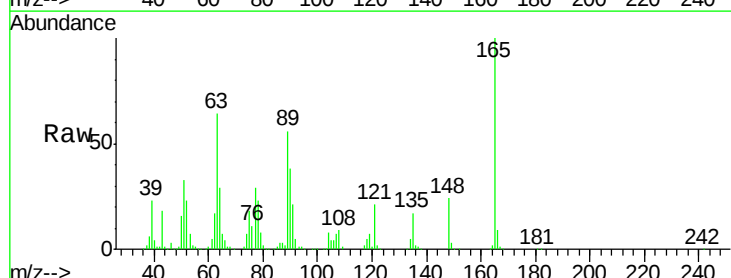
Tgt Ion:165 Resp: 272531

Ion Ratio Lower Upper

165 100

63 63.7 44.7 67.1

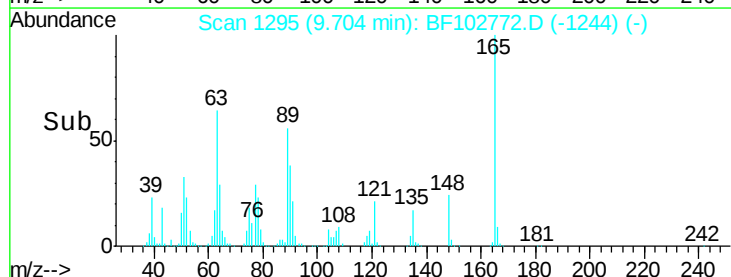
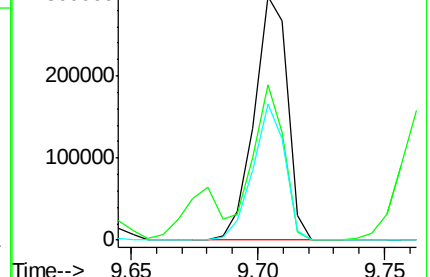
89 55.7 44.0 66.0

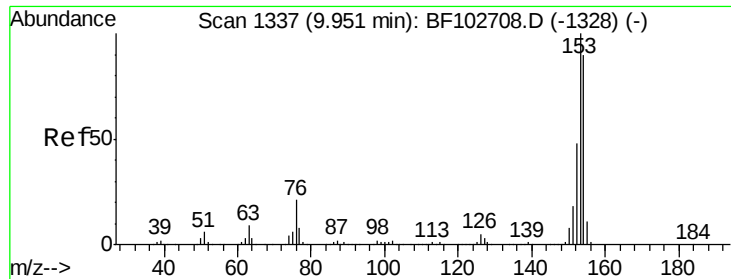


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.047 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

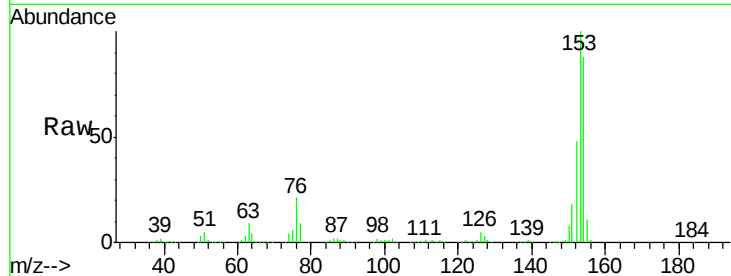
Tot Ion:154 Resp: 971844

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

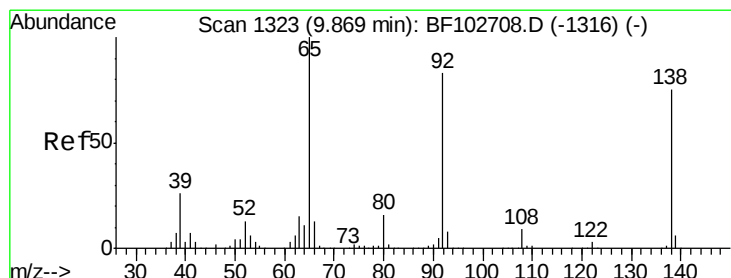
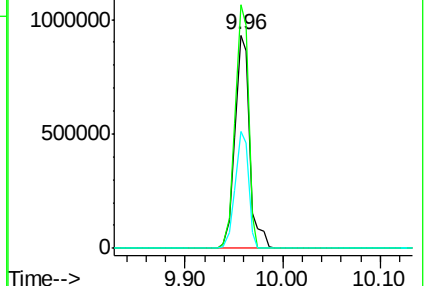
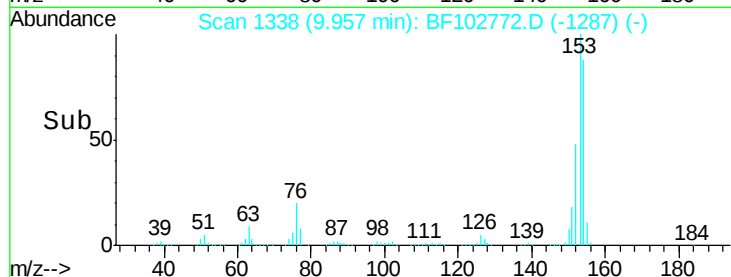
152 54.6 43.8 65.8



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: 46.347 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

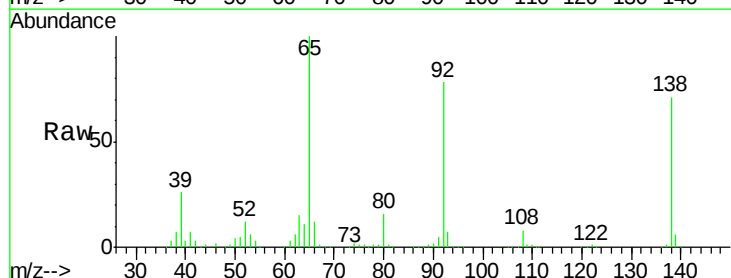
Tgt Ion:138 Resp: 341856

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

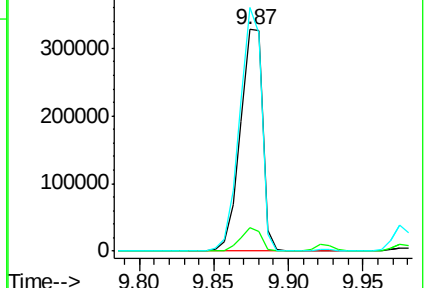
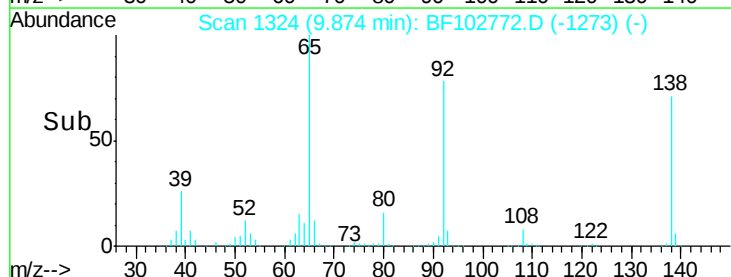
92 109.9 89.4 134.2

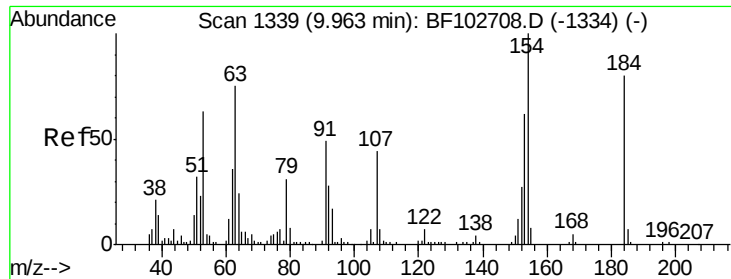


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

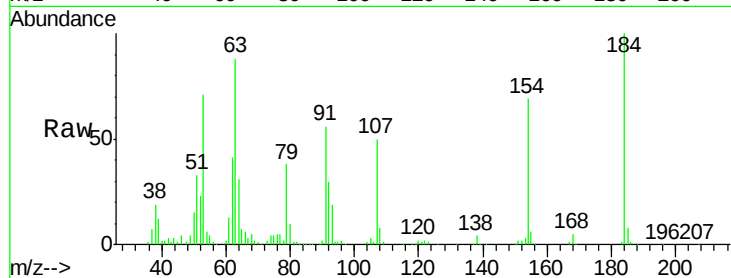




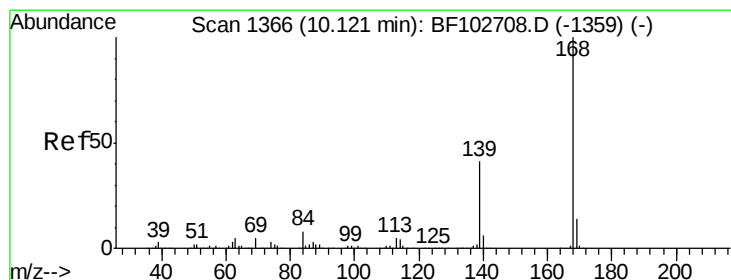
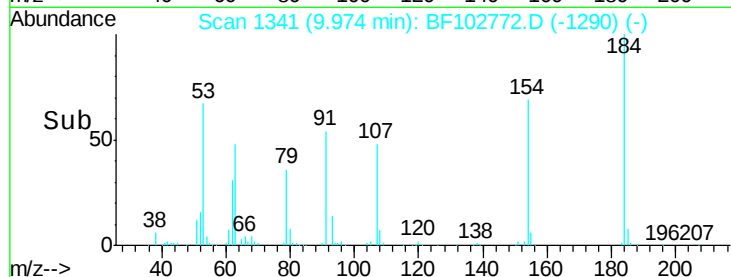
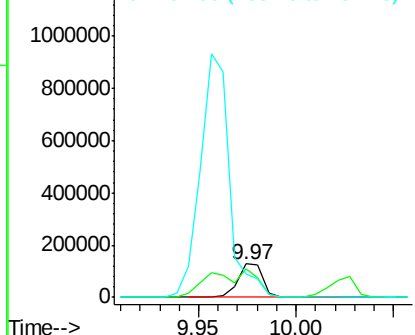
#53
2,4-Dinitrophenol
Concen: 65.167 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 113794
Ion Ratio Lower Upper
184 100
63 87.8 54.2 81.2#
154 68.8 184.0 276.0#

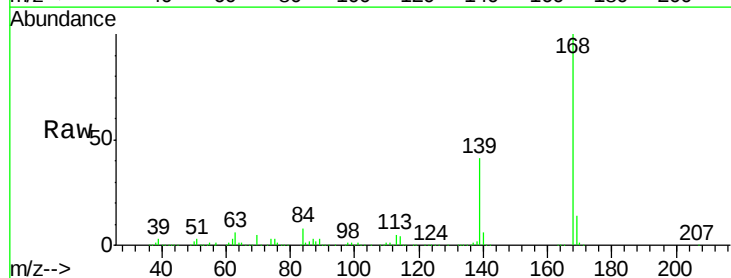


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

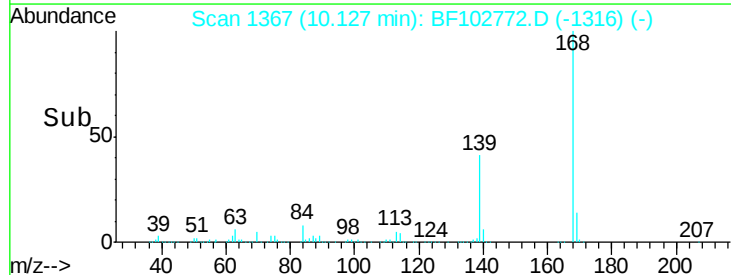
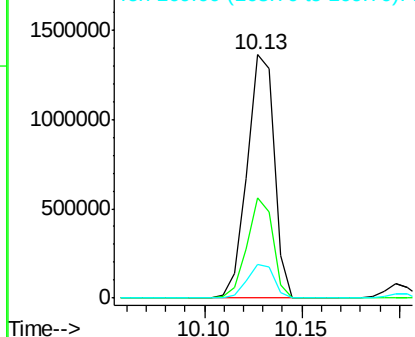


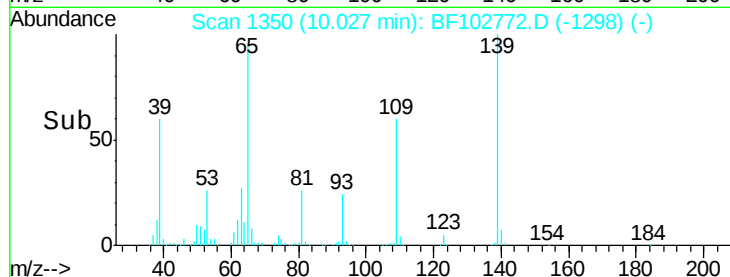
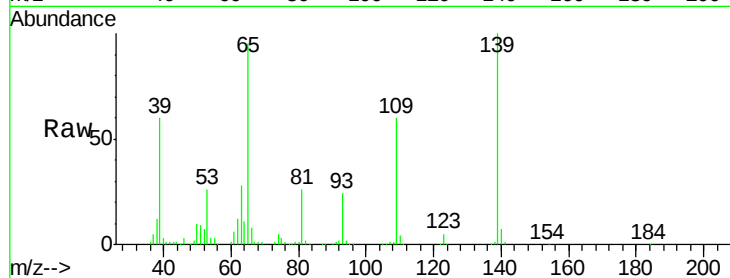
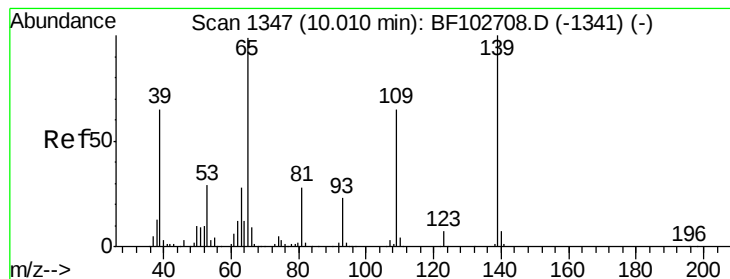
#54
Dibenzofuran
Concen: 37.507 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

Tgt Ion:168 Resp: 1315554
Ion Ratio Lower Upper
168 100
139 41.0 30.1 45.1
169 13.9 10.9 16.3



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





#55

4-Nitrophenol

Concen: 44.333 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

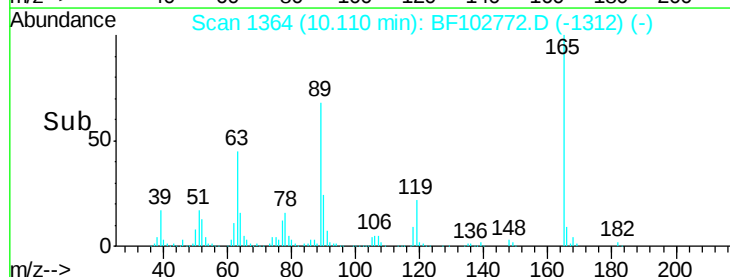
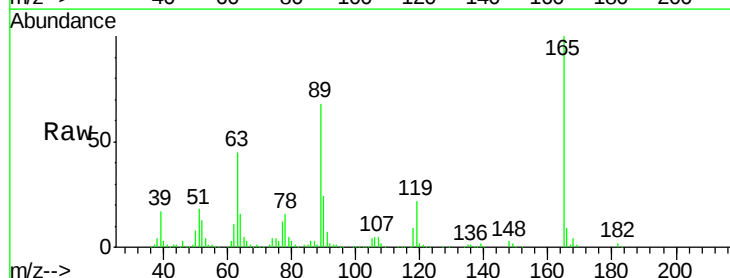
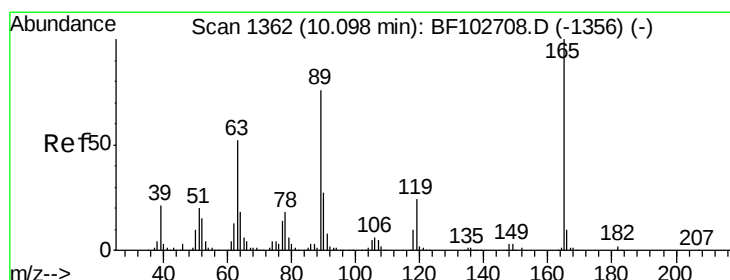
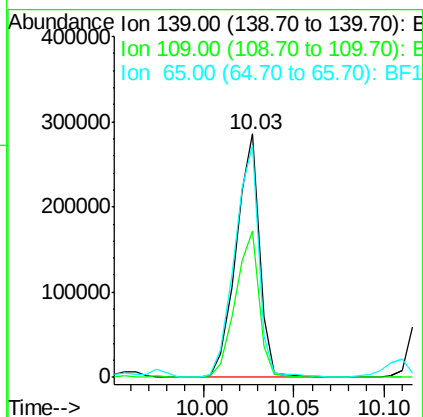
Tot Ion:139 Resp: 257271

Ion Ratio Lower Upper

139 100

109 60.3 48.4 88.4

65 95.4 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 44.908 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Tgt Ion:165 Resp: 359343

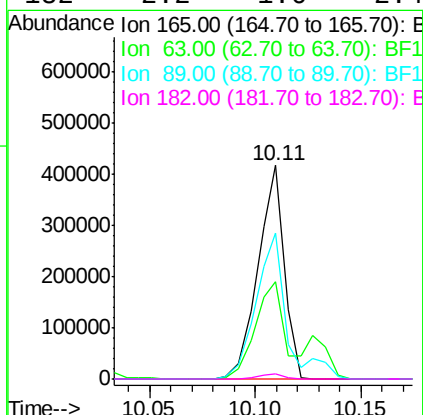
Ion Ratio Lower Upper

165 100

63 45.4 36.4 54.6

89 68.1 57.8 86.6

182 2.2 1.6 2.4





#57

Fluorene

Concen: 38.437 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

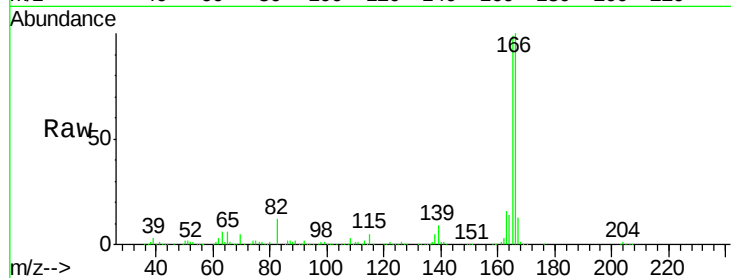
Tot Ion:166 Resp: 980916

Ion Ratio Lower Upper

166 100

165 98.5 79.8 119.8

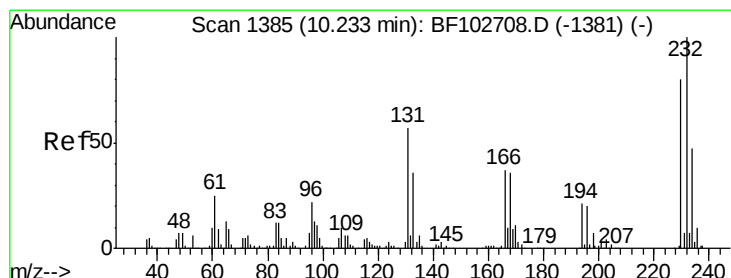
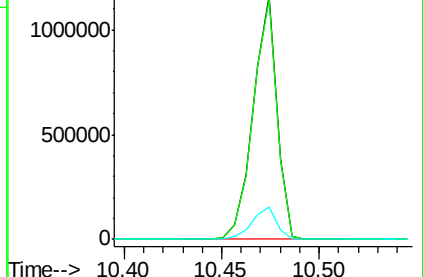
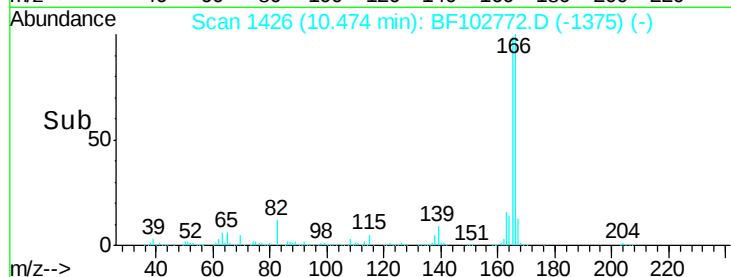
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.937 ng

RT: 10.24 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Tgt Ion:232 Resp: 248048

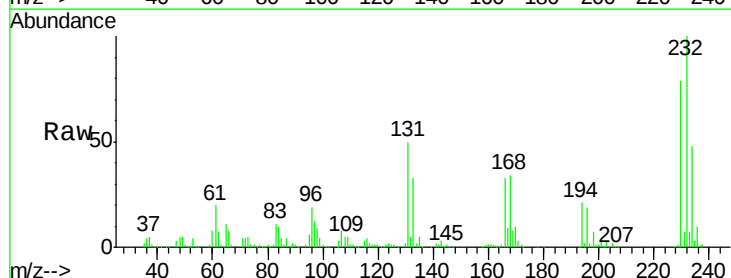
Ion Ratio Lower Upper

232 100

131 54.1 43.8 65.8

130 2.4 2.1 3.1

166 34.9 27.8 41.6

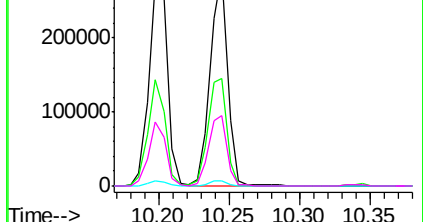
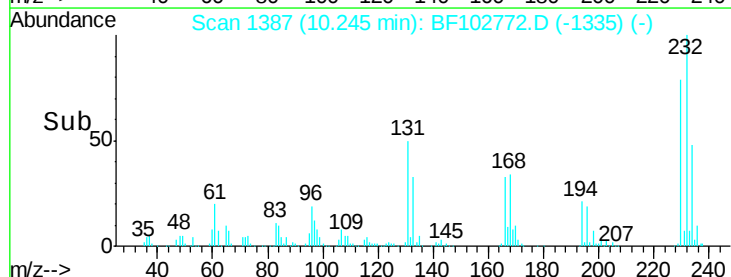


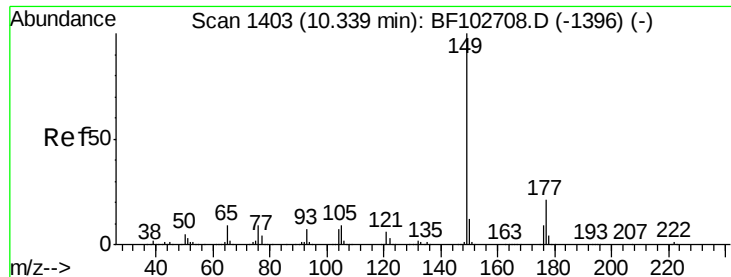
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

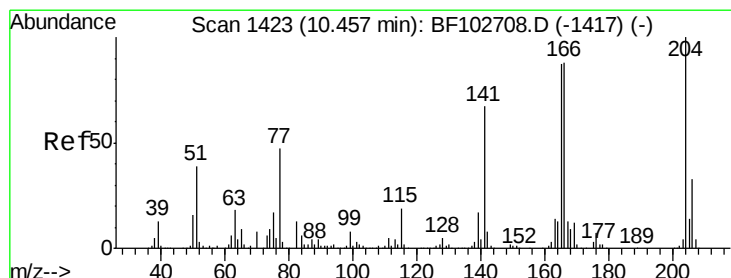
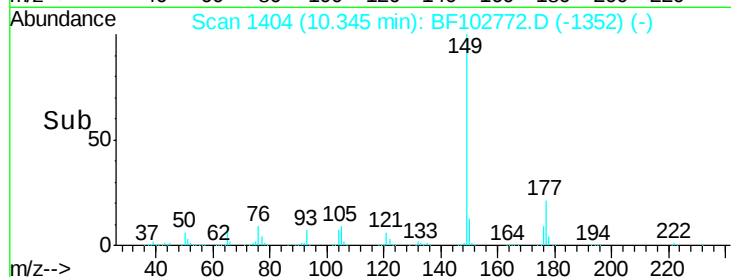
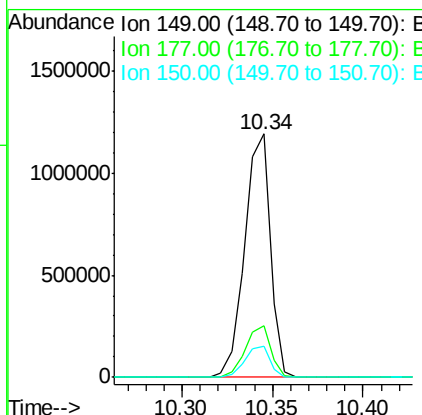
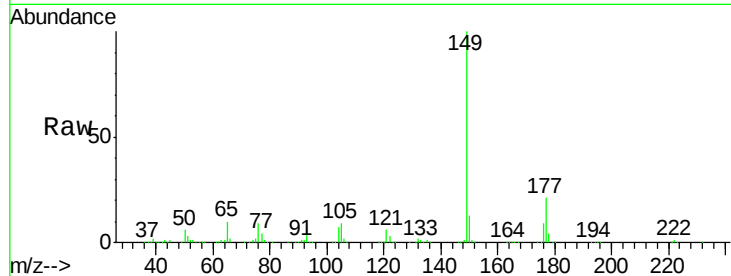




#59
Diethylphthalate
Concen: 37.713 ng
RT: 10.34 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

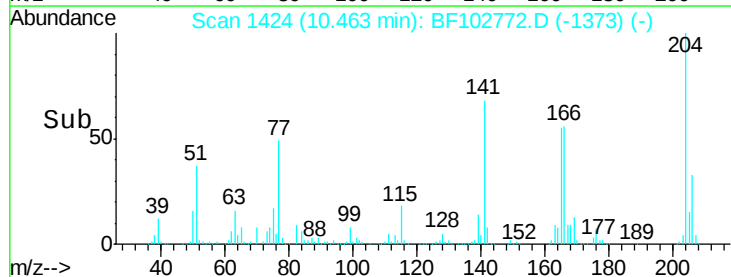
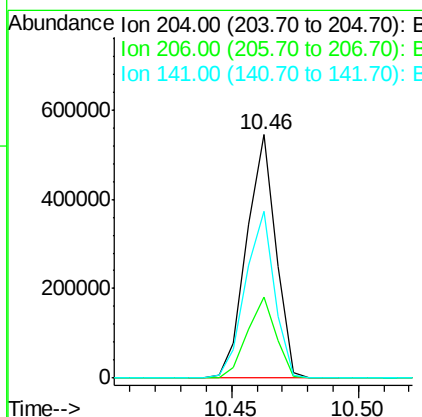
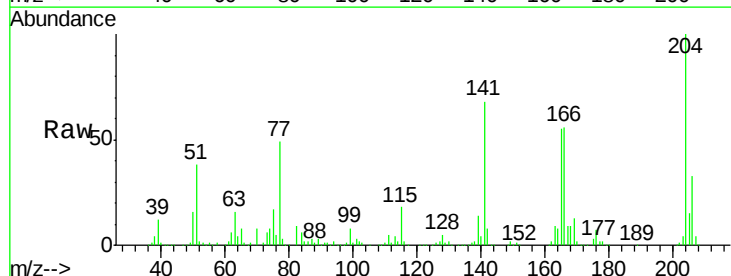
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

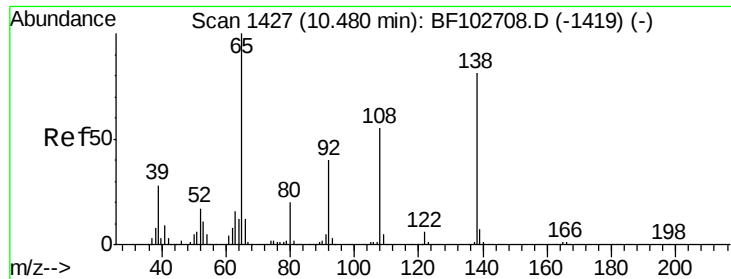
Tot Ion:149 Resp: 1173304
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.617 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

Tgt Ion:204 Resp: 435962
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 68.4 54.6 81.8

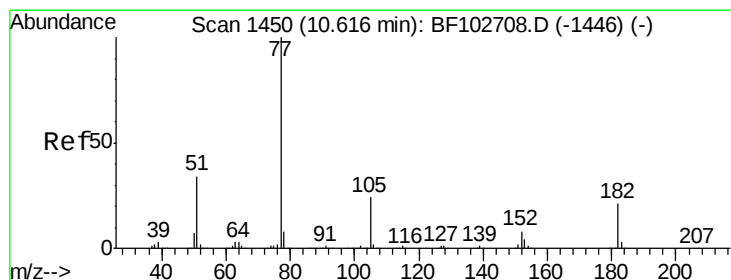
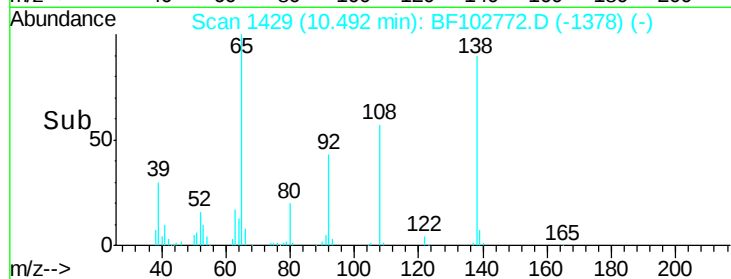
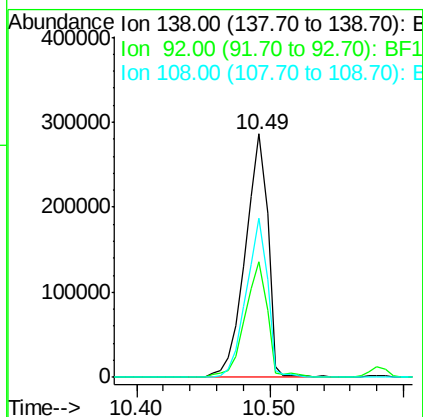
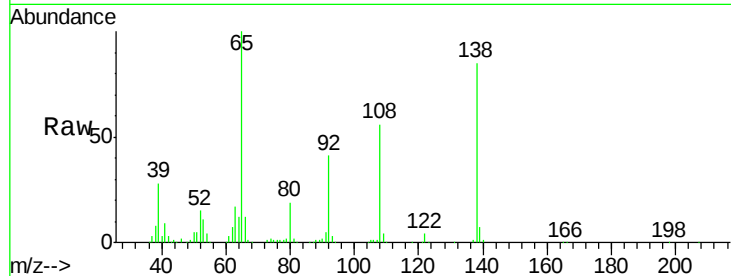




#61
4-Nitroaniline
Concen: 47.456 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

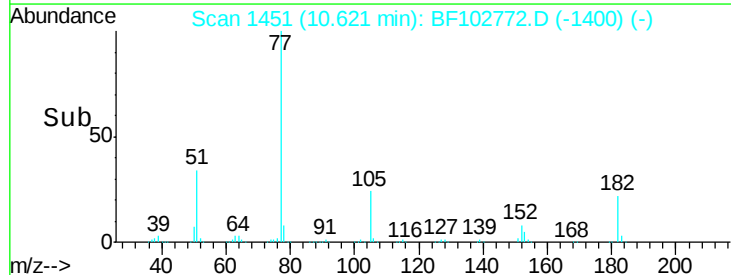
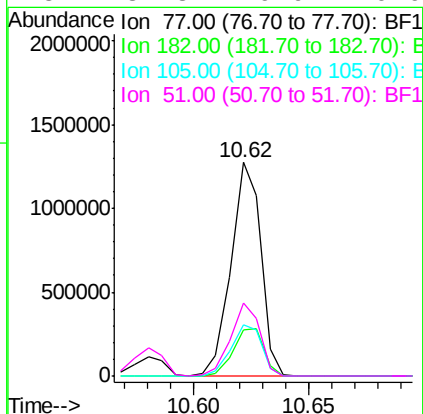
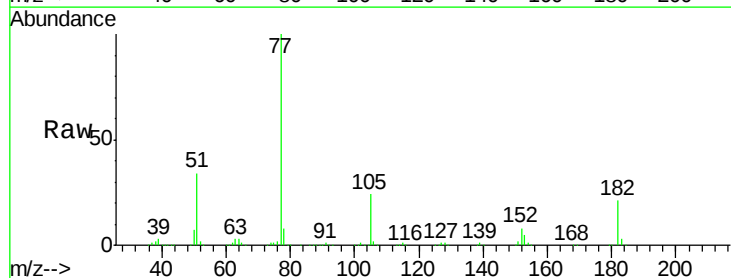
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

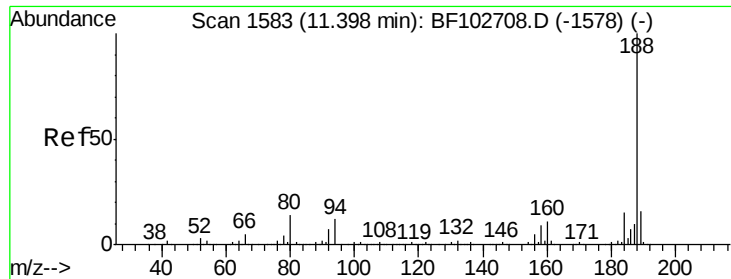
Tot Ion:138 Resp: 333182
Ion Ratio Lower Upper
138 100
92 47.7 30.2 70.2
108 65.5 52.5 92.5



#62
Azobenzene
Concen: 36.805 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

Tgt Ion: 77 Resp: 1143915
Ion Ratio Lower Upper
77 100
182 21.5 1.7 41.7
105 24.0 3.0 43.0
51 34.3 9.9 49.9

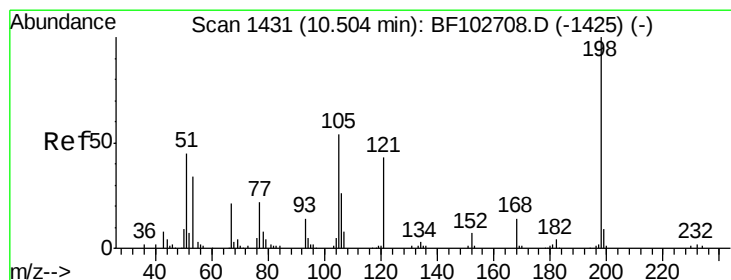
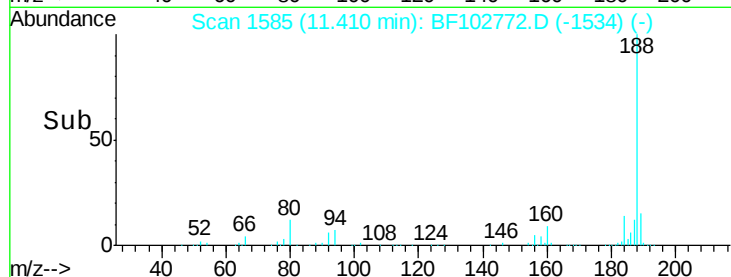
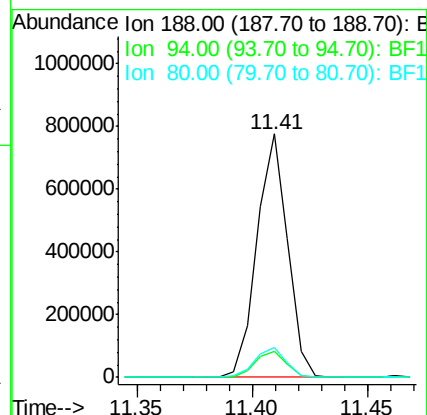
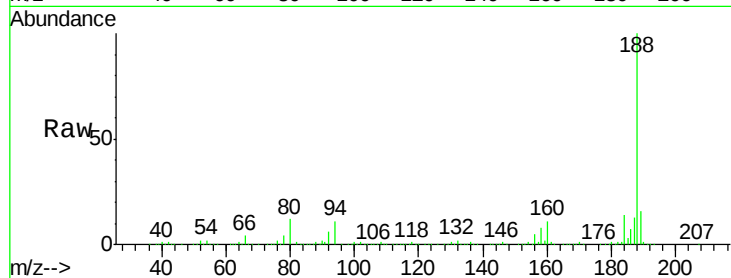




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF102772.D
 Acq: 6 Feb 2018 9:49

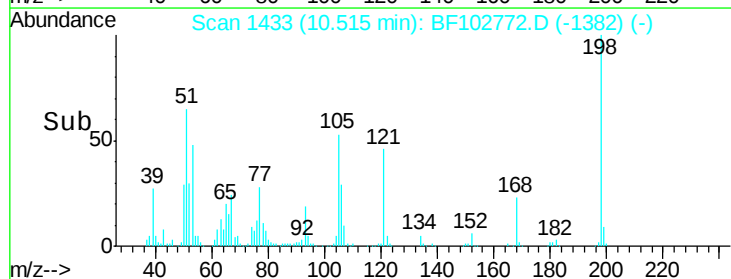
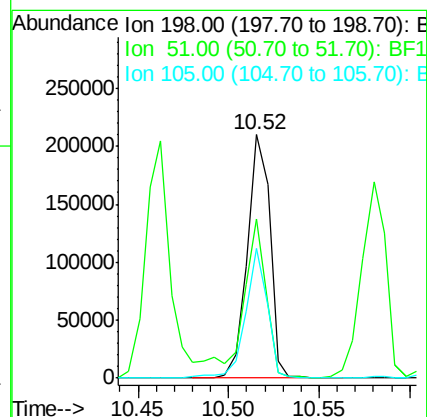
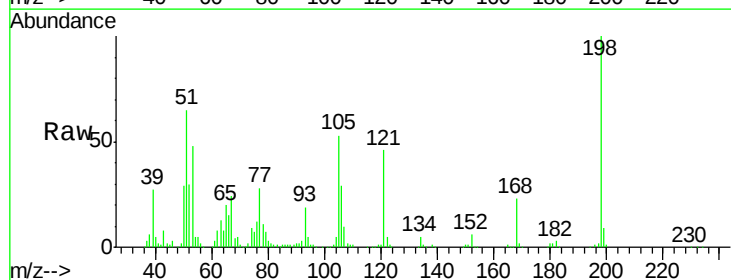
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

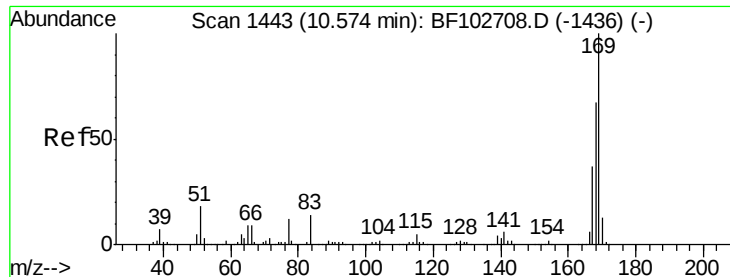
Tot Ion:188 Resp: 719251
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 12.4 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 56.973 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF102772.D
 Acq: 6 Feb 2018 9:49

Tgt Ion:198 Resp: 181341
 Ion Ratio Lower Upper
 198 100
 51 65.1 37.7 77.7
 105 53.5 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 37.255 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

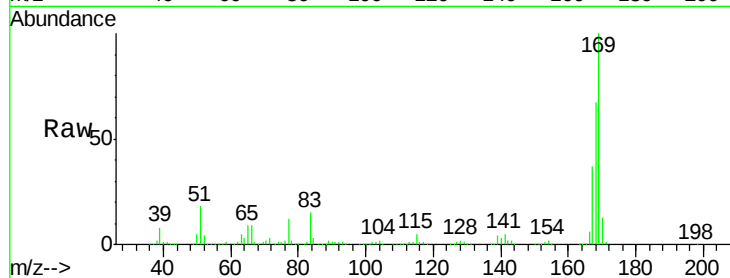
Tot Ion:169 Resp: 945160

Ion Ratio Lower Upper

169 100

168 66.7 54.4 81.6

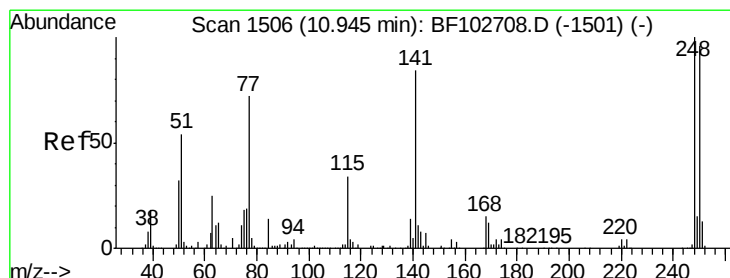
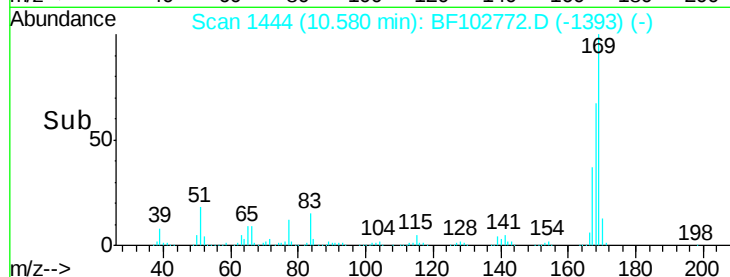
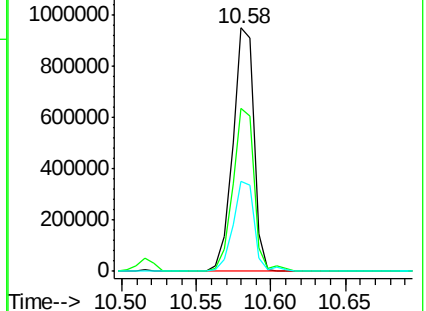
167 37.0 29.8 44.6



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: 37.194 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

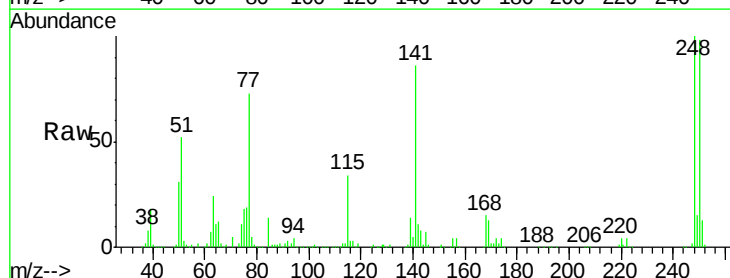
Tgt Ion:248 Resp: 282985

Ion Ratio Lower Upper

248 100

250 97.9 76.9 115.3

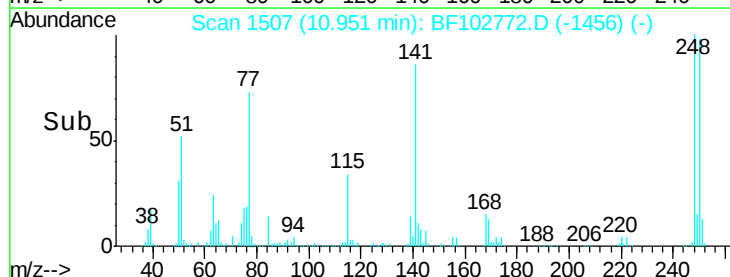
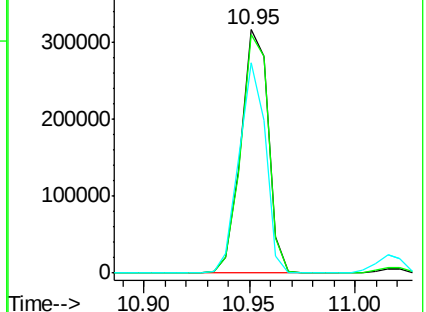
141 86.3 74.4 111.6



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

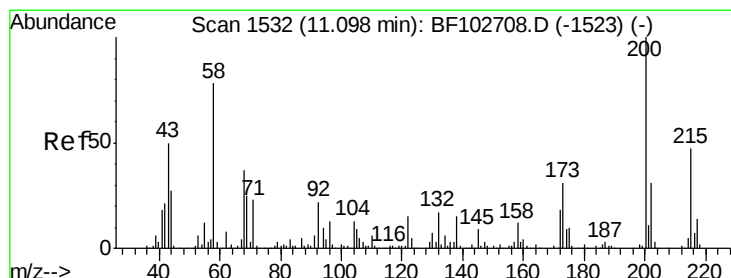
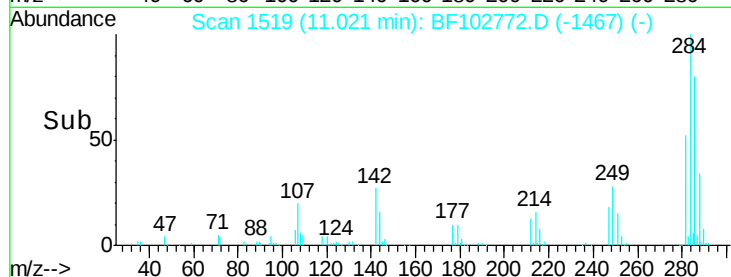
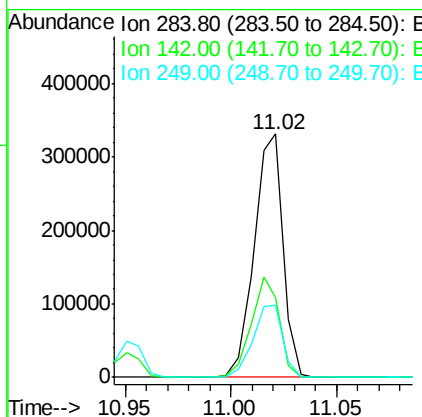
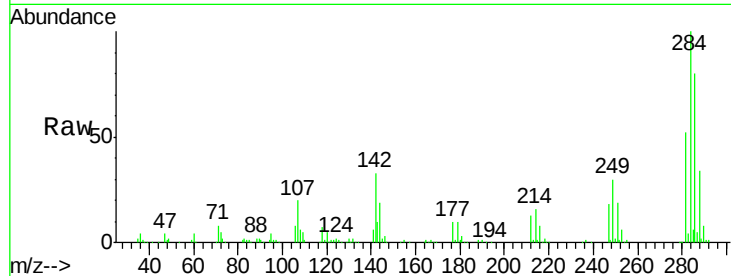




#67
Hexachlorobenzene
Concen: 37.345 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

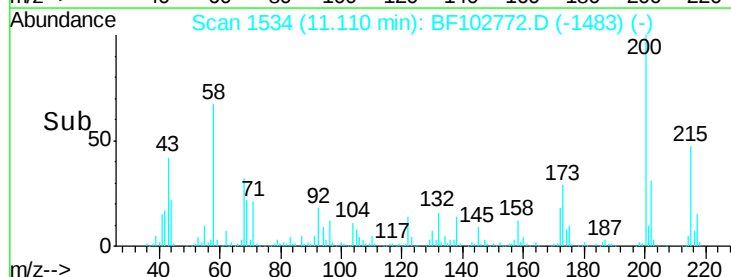
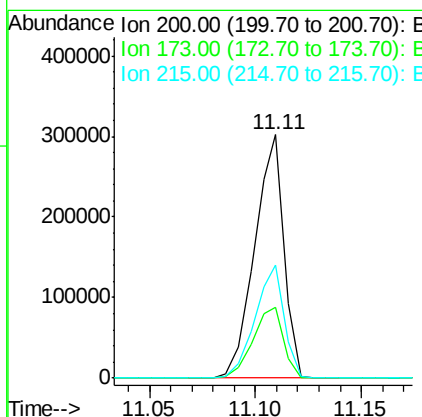
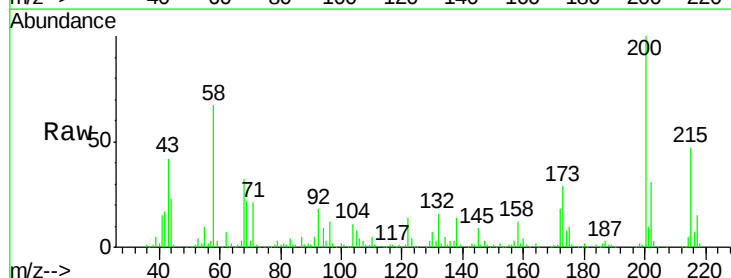
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

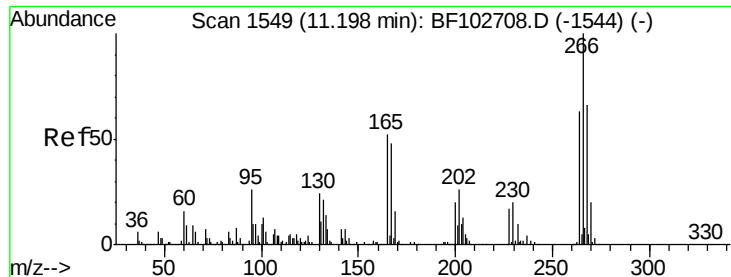
Tot Ion:284 Resp: 313455
Ion Ratio Lower Upper
284 100
142 32.8 34.6 52.0#
249 29.5 24.8 37.2



#68
Atrazine
Concen: 38.838 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

Tgt Ion:200 Resp: 290682
Ion Ratio Lower Upper
200 100
173 29.3 8.6 48.6
215 46.6 25.1 65.1

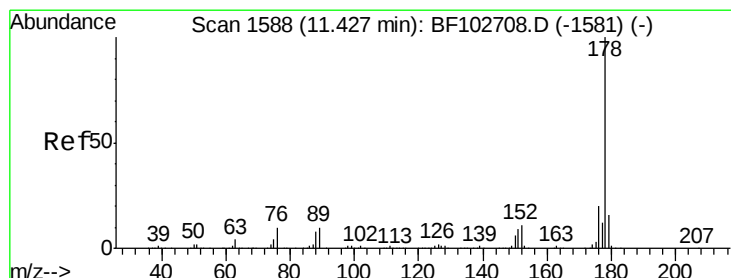
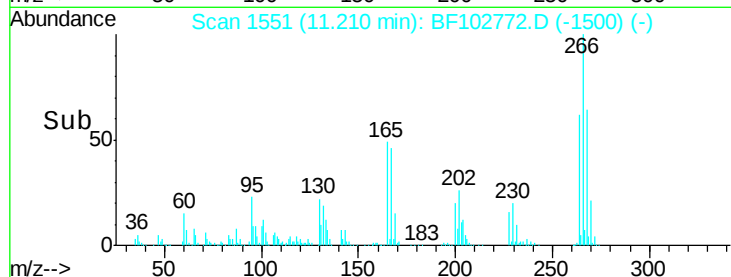
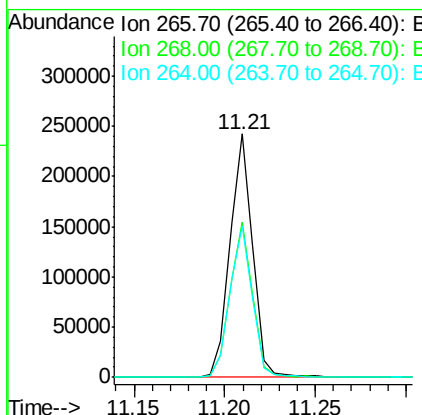
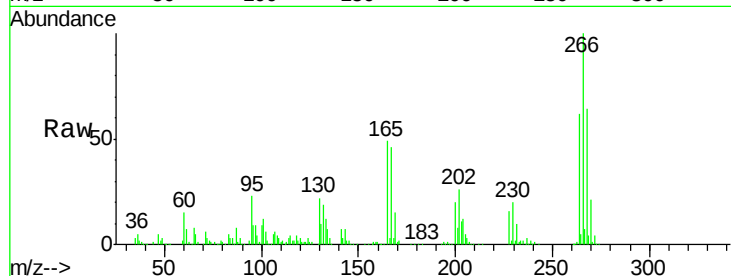




#69
 Pentachlorophenol
 Concen: 42.773 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF102772.D
 Acq: 6 Feb 2018 9:49

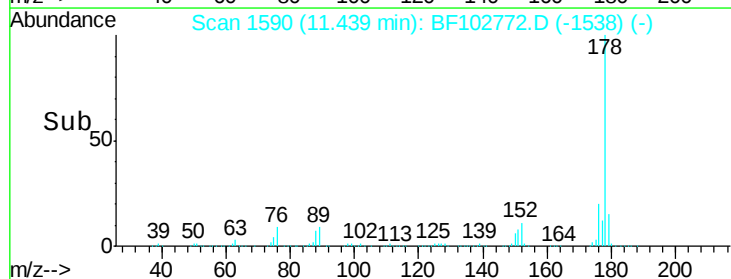
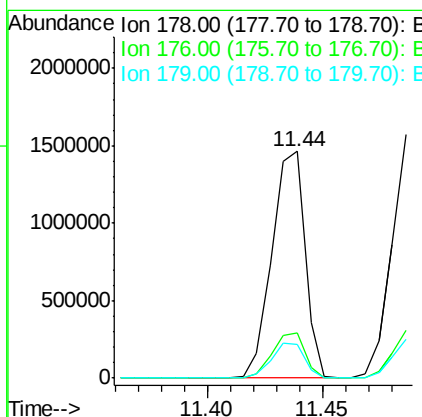
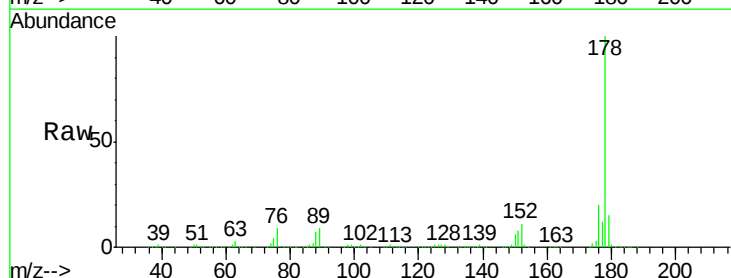
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

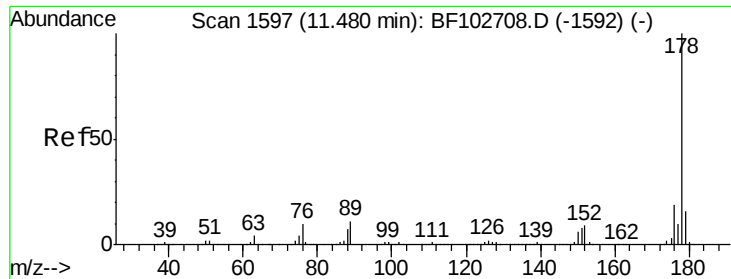
Tot Ion:266 Resp: 210747
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.1 76.7
 264 62.4 49.5 74.3



#70
 Phenanthrene
 Concen: 36.476 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102772.D
 Acq: 6 Feb 2018 9:49

Tgt Ion:178 Resp: 1461125
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.0 13.0 19.6

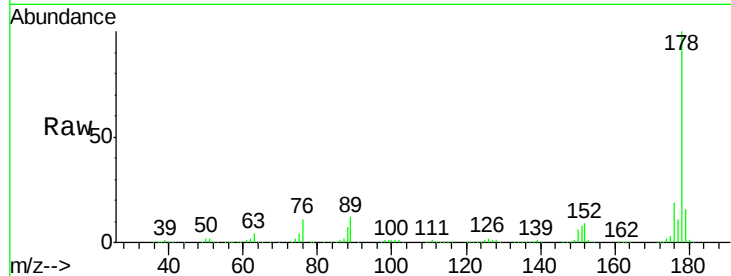




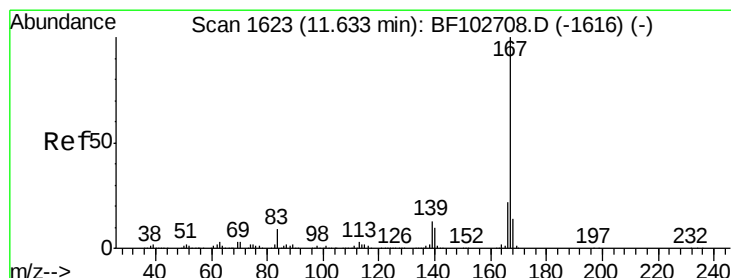
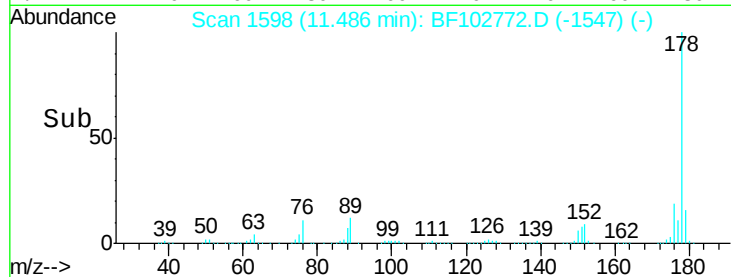
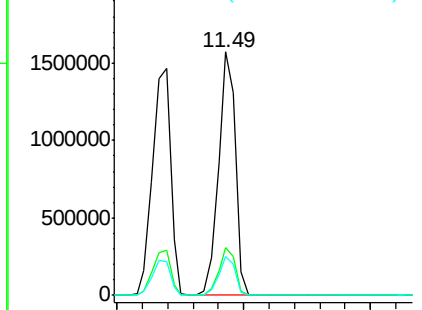
#71
 Anthracene
 Concen: 36.241 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF102772.D
 Acq: 6 Feb 2018 9:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1476536
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 16.0 12.6 19.0

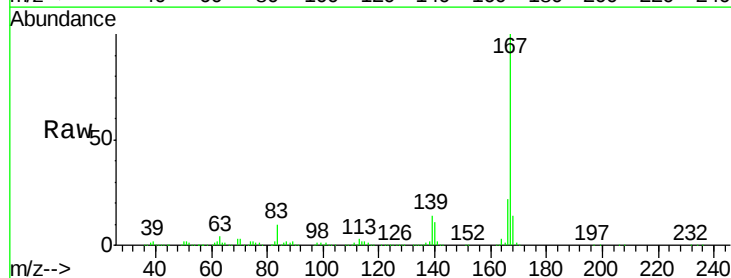


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

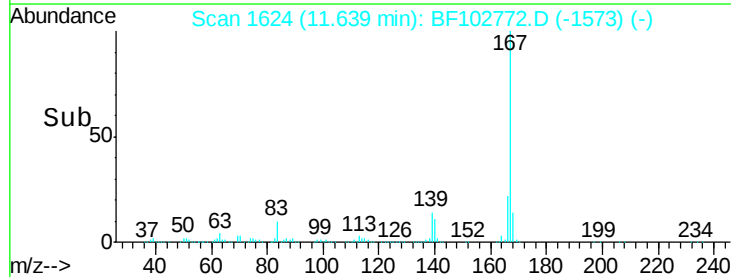
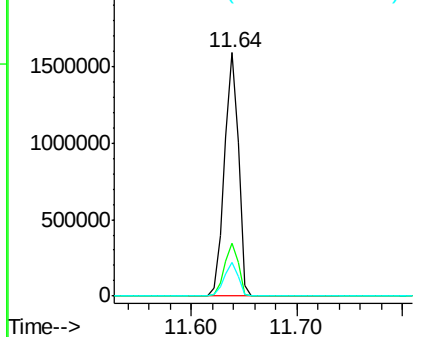


#72
 Carbazole
 Concen: 37.119 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF102772.D
 Acq: 6 Feb 2018 9:49

Tgt Ion:167 Resp: 1481581
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 14.1 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.424 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

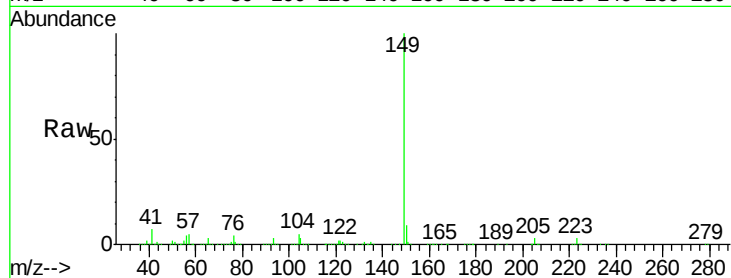
Tot Ion:149 Resp: 1814528

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

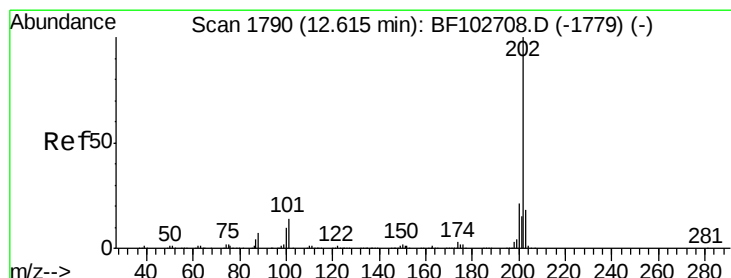
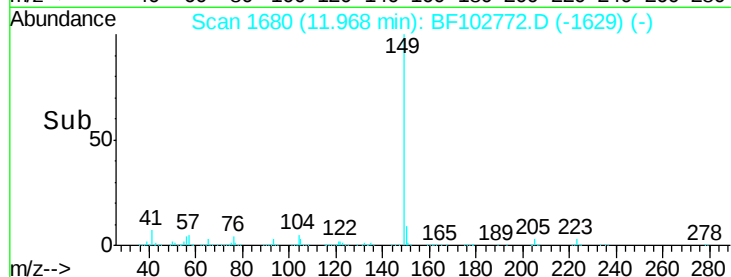
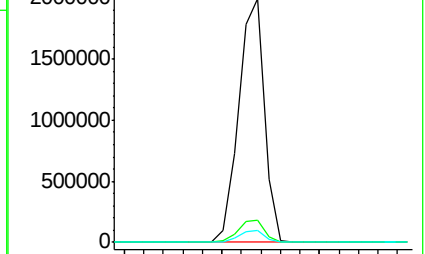
104 4.7 3.8 5.8



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: 36.728 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

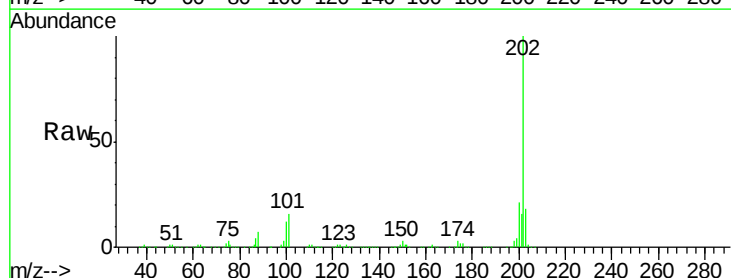
Tgt Ion:202 Resp: 1480232

Ion Ratio Lower Upper

202 100

101 15.8 0.0 34.1

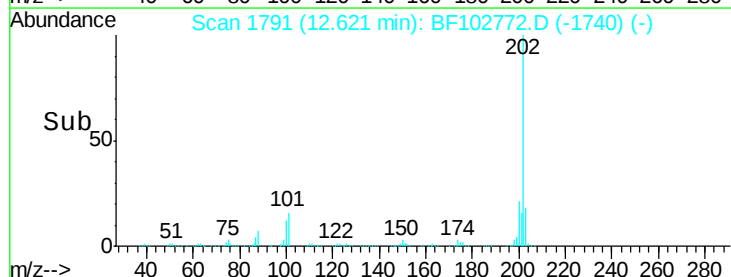
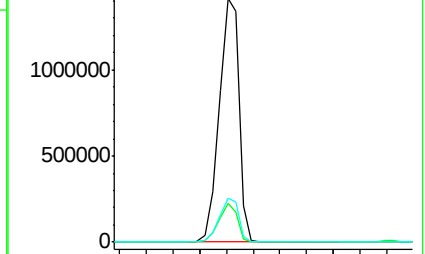
203 18.0 0.0 38.1

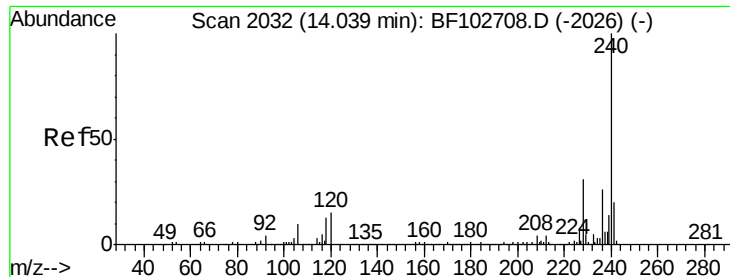


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

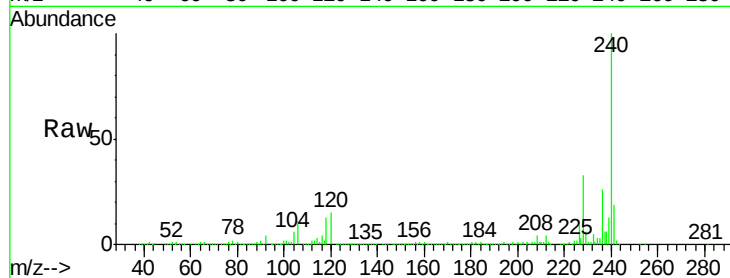
Tot Ion:240 Resp: 531601

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

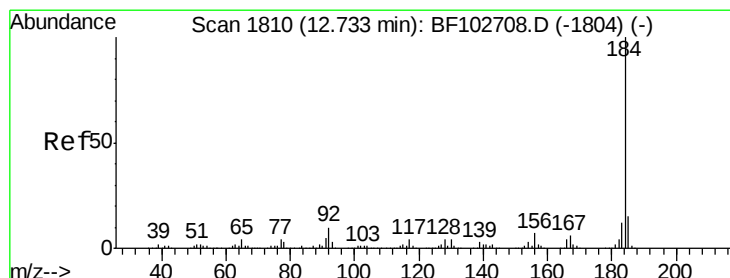
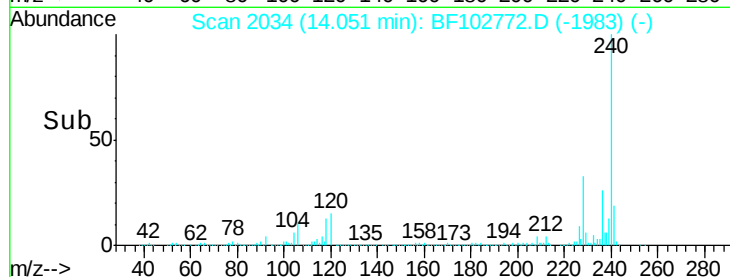
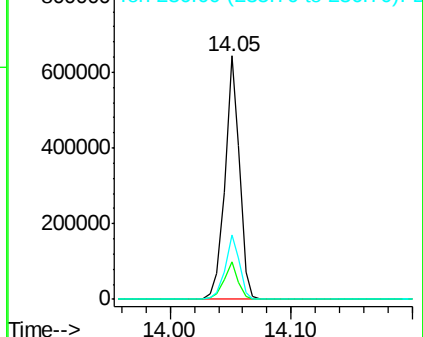
236 26.4 20.7 31.1



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: 34.805 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

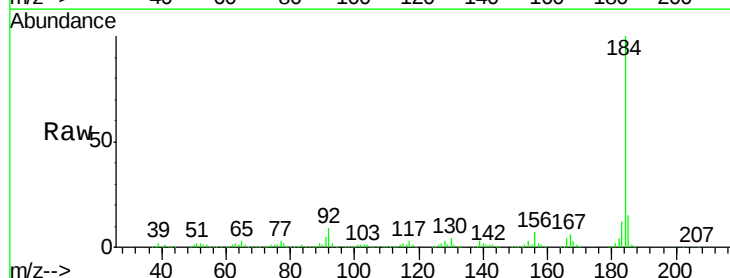
Tgt Ion:184 Resp: 850368

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

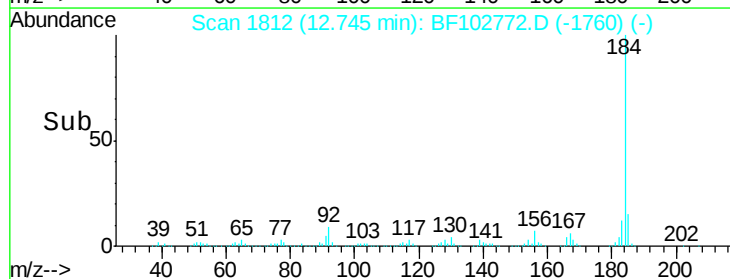
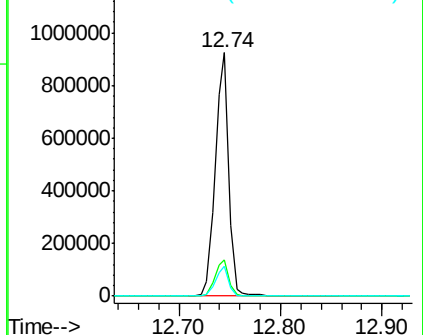
183 12.1 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.823 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

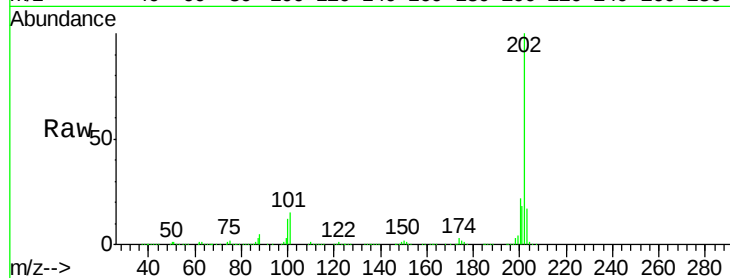
Tot Ion:202 Resp: 1535007

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

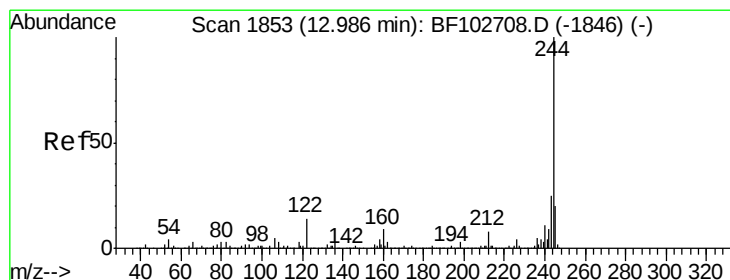
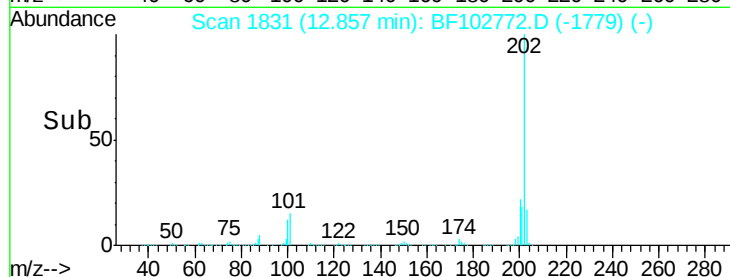
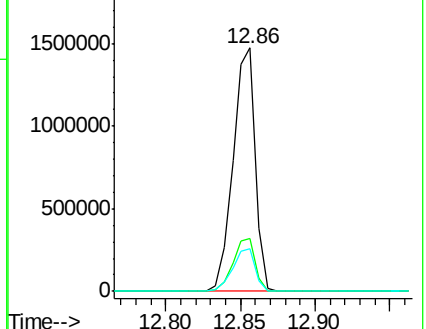
203 17.3 14.3 21.5



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: 70.141 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

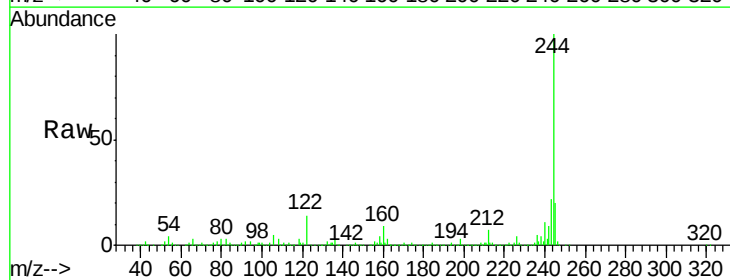
Tgt Ion:244 Resp: 1574782

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

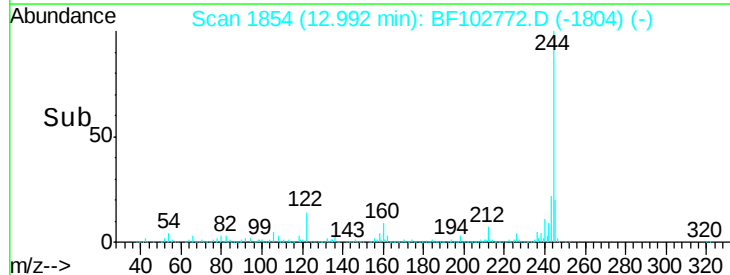
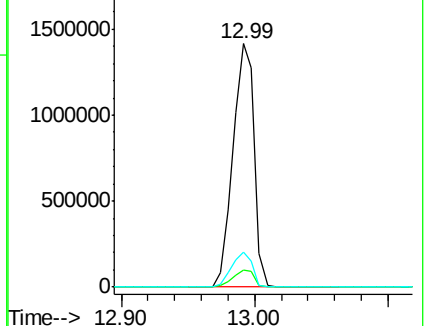
122 14.3 11.0 16.4



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

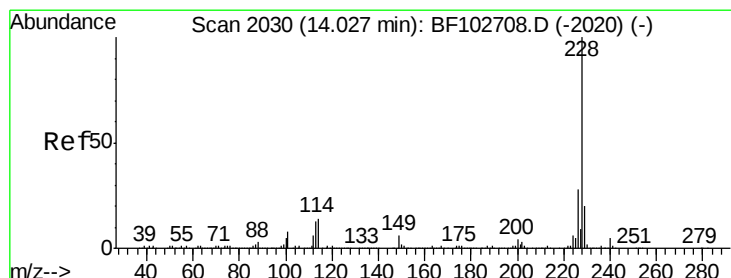
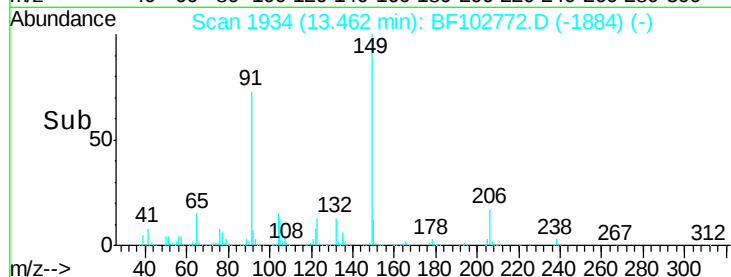
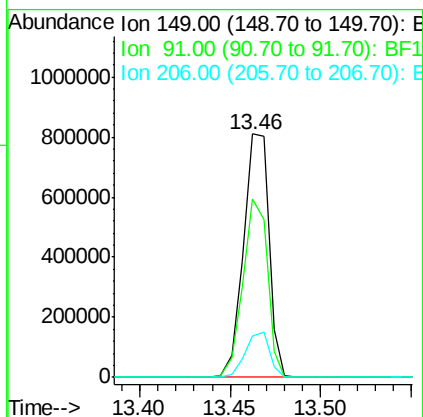
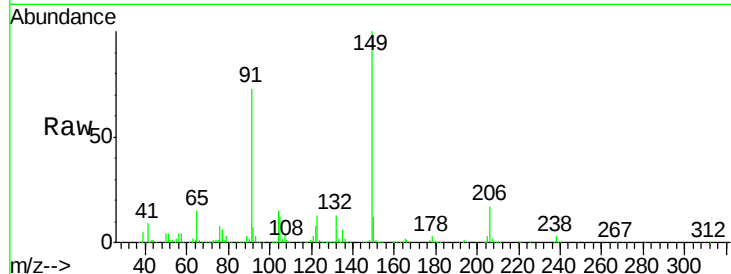




#79
Butylbenzylphthalate
Concen: 39.868 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

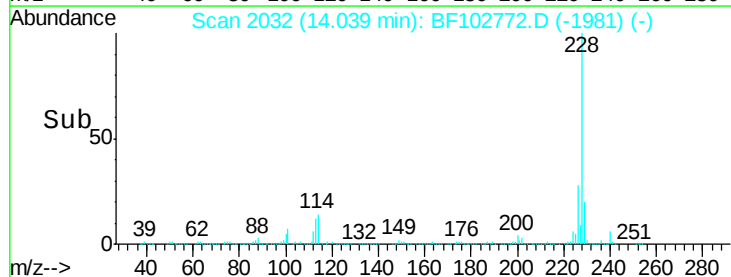
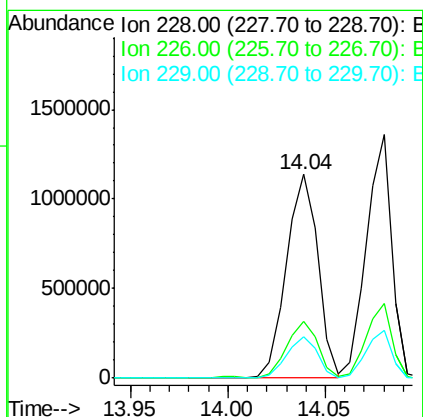
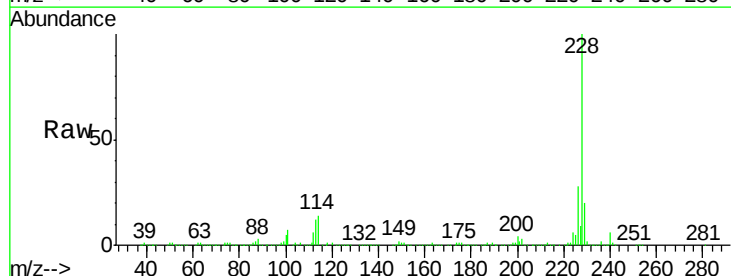
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 791414
Ion Ratio Lower Upper
149 100
91 73.4 56.8 85.2
206 16.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.962 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

Tgt Ion:228 Resp: 1269174
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.4 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 39.444 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

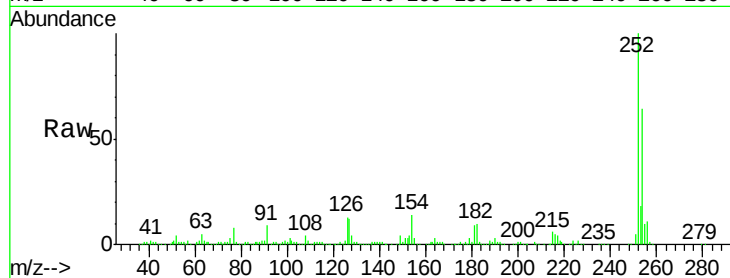
Tot Ion:252 Resp: 488948

Ion Ratio Lower Upper

252 100

254 64.4 50.4 75.6

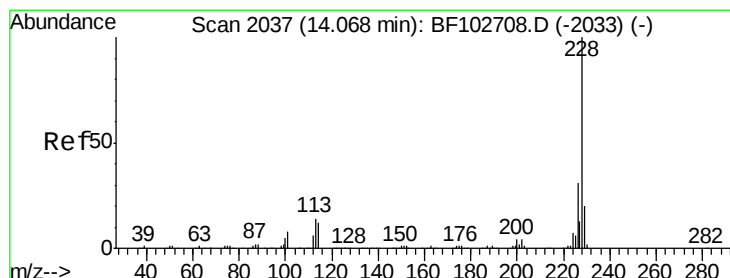
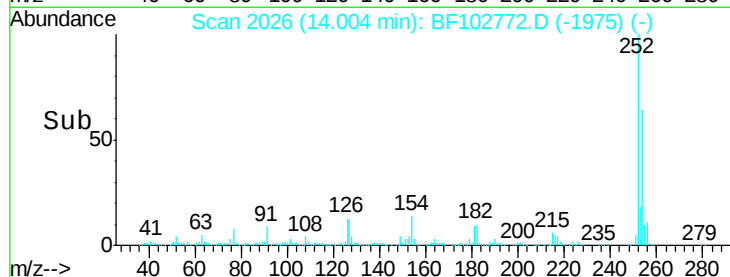
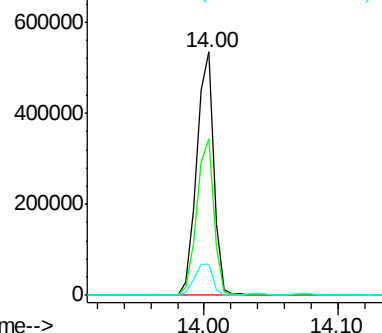
126 12.8 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 36.484 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

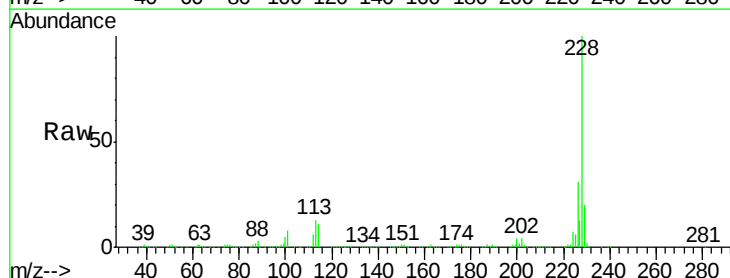
Tgt Ion:228 Resp: 1229573

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

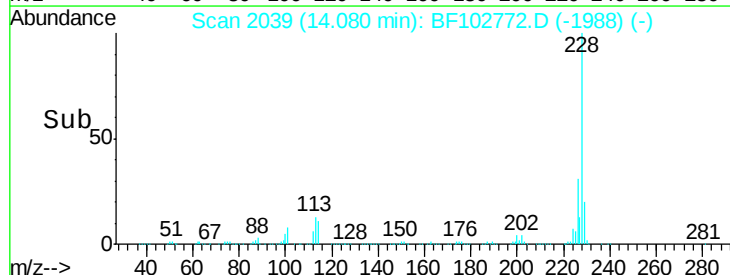
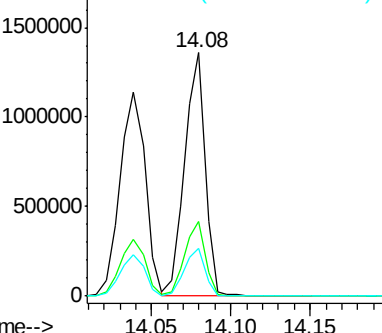
229 19.8 16.2 24.4

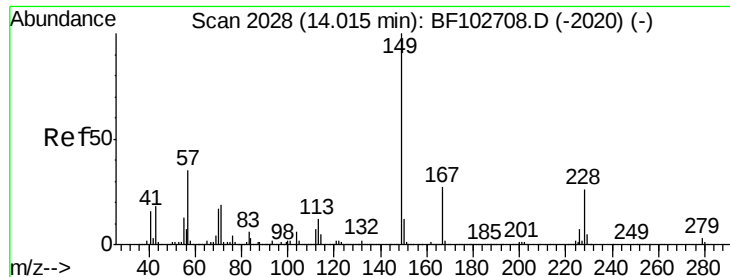


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.074 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

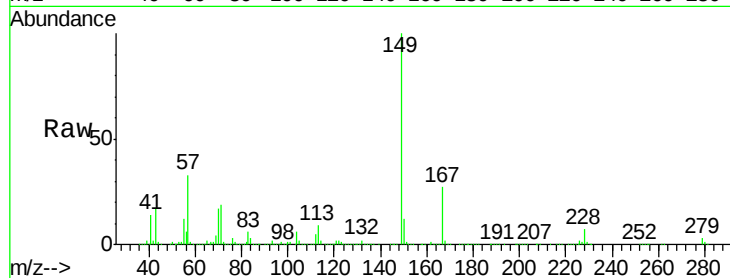
Tot Ion:149 Resp: 1048876

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

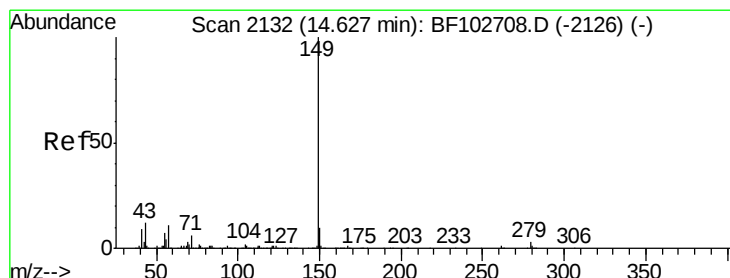
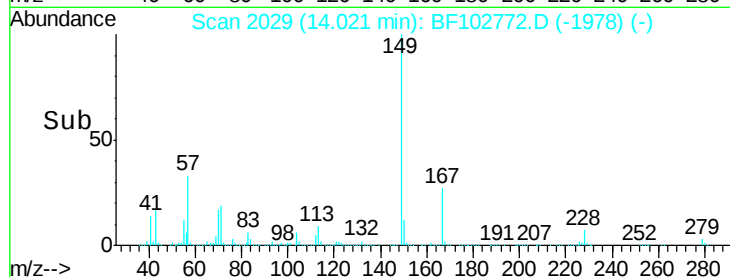
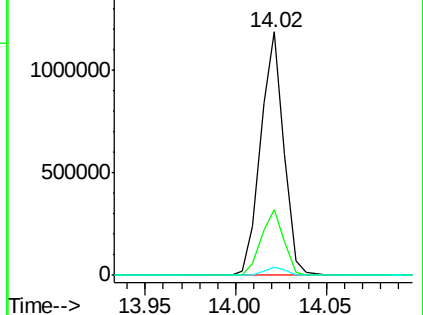
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.700 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

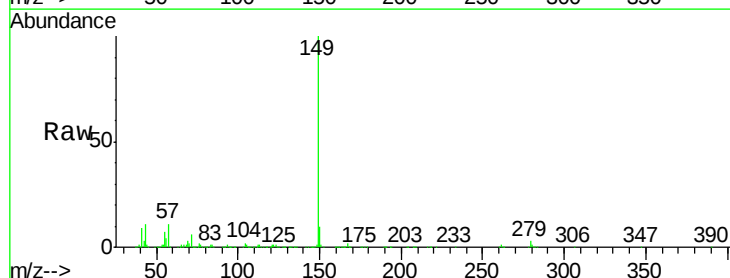
Tgt Ion:149 Resp: 1675604

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

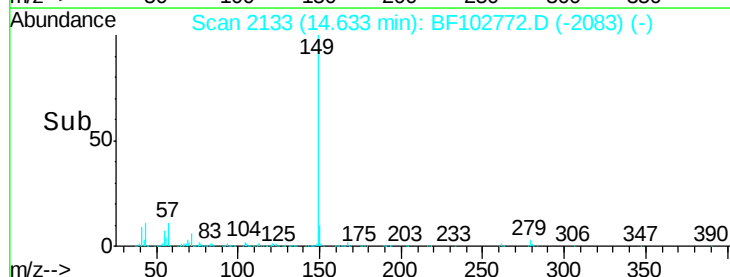
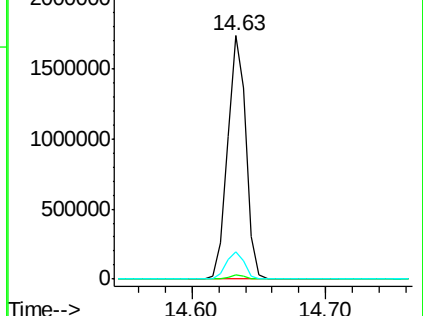
43 11.2 8.4 12.6

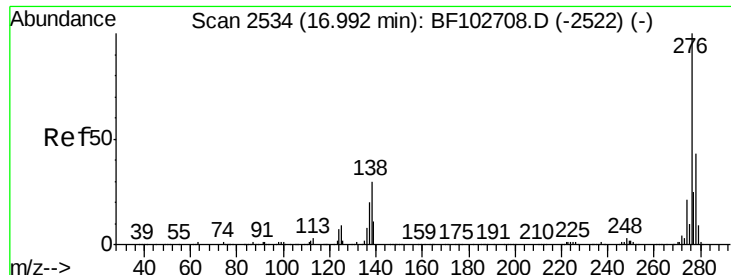


Abundance Ion 149.00 (148.70 to 149.70): E

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: 39.480 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

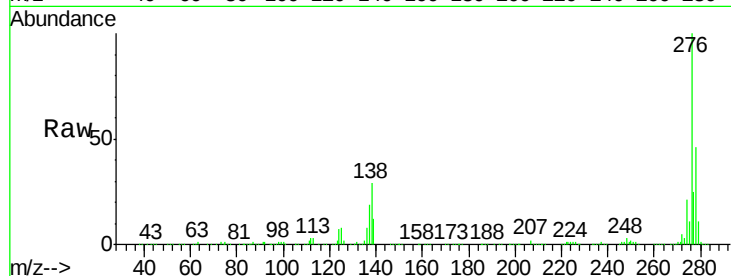
Tot Ion:276 Resp: 1103544

Ion Ratio Lower Upper

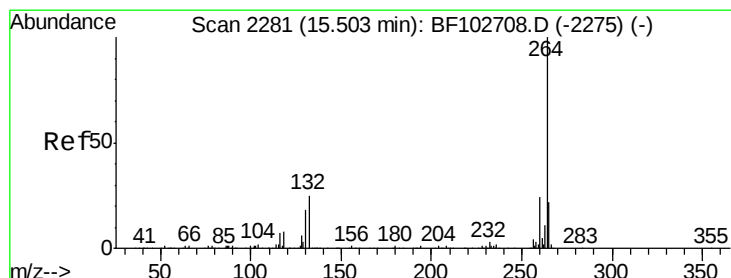
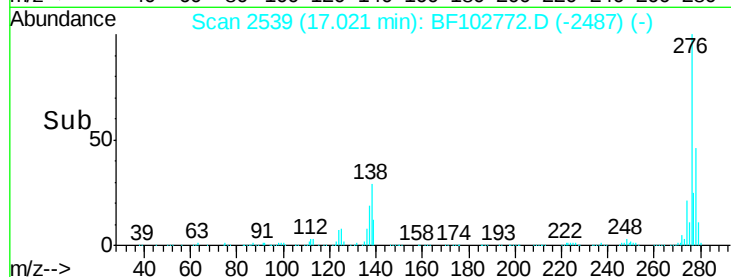
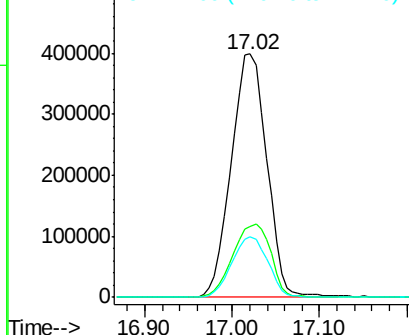
276 100

138 32.2 25.0 37.6

277 25.3 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

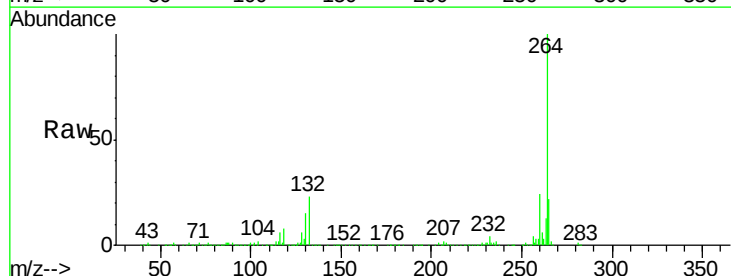
Tgt Ion:264 Resp: 516214

Ion Ratio Lower Upper

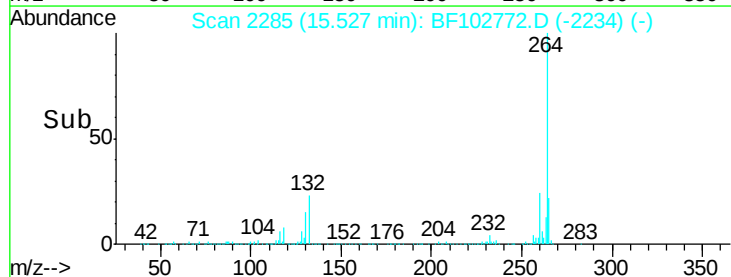
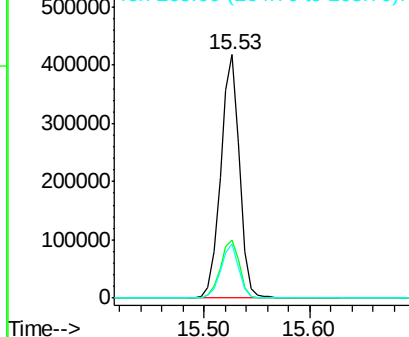
264 100

260 24.1 19.2 28.8

265 22.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

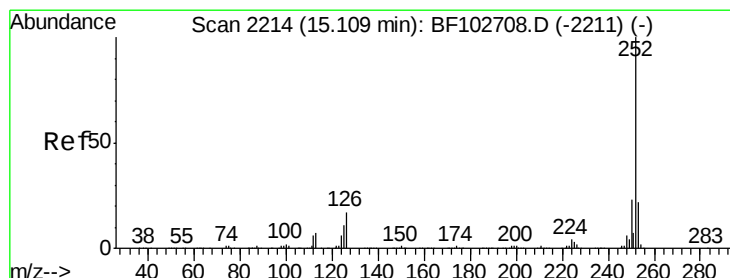
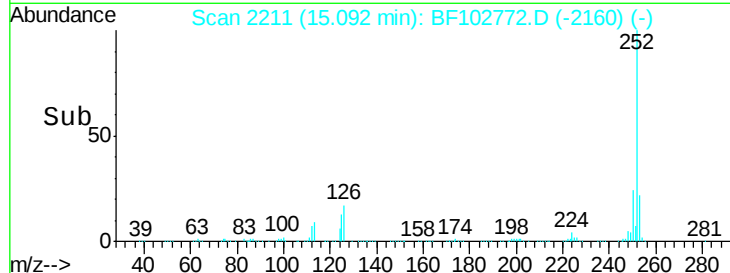
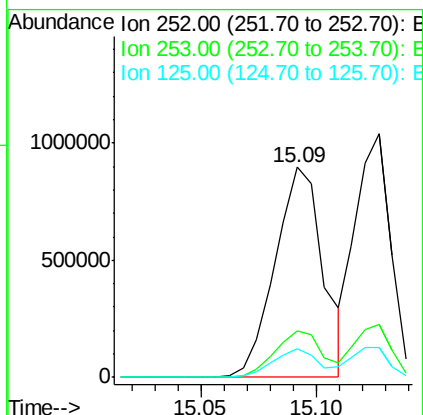
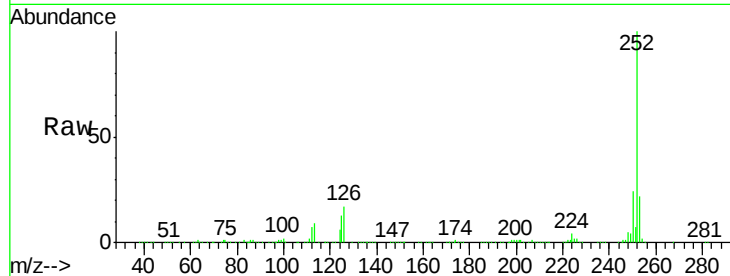




#87
Benzo(b)fluoranthene
Concen: 38.667 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

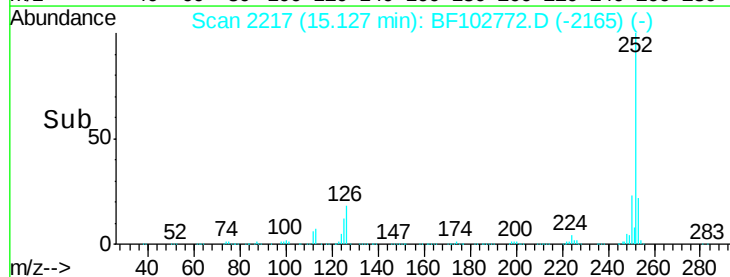
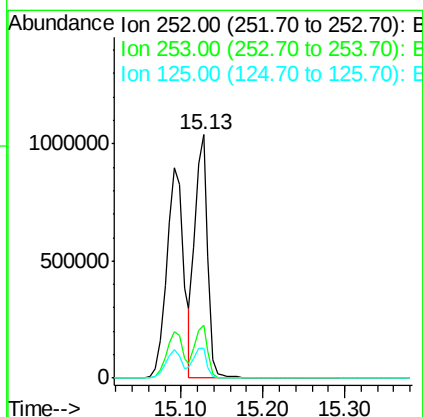
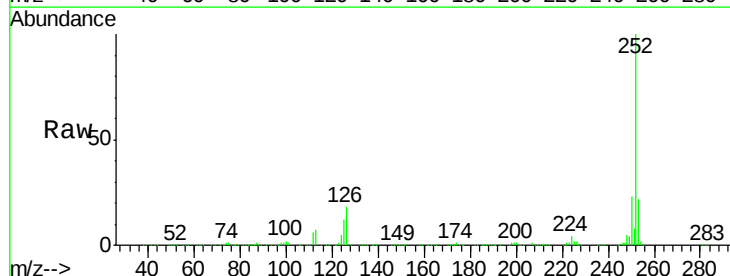
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1294096
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 13.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.208 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF102772.D
Acq: 6 Feb 2018 9:49

Tgt Ion:252 Resp: 1125894
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 12.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.496 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

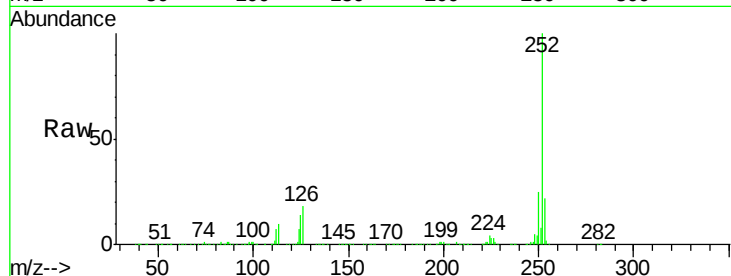
Tot Ion:252 Resp: 1129577

Ion Ratio Lower Upper

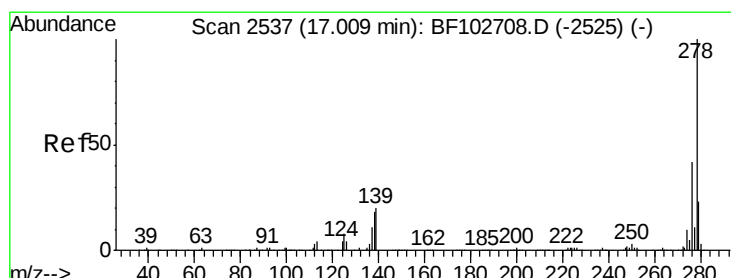
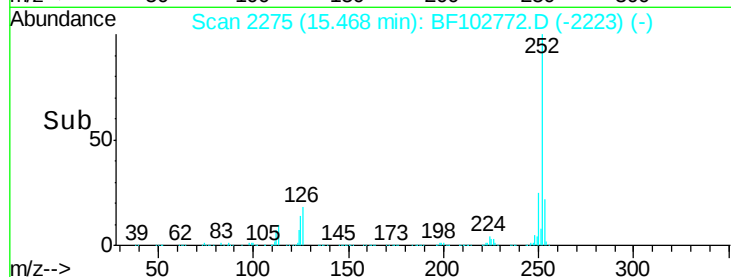
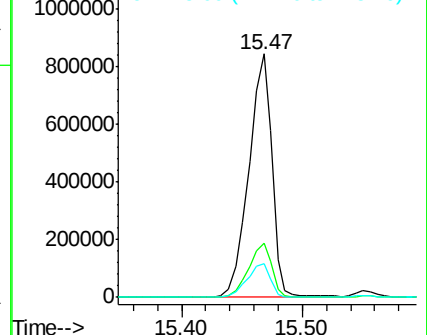
252 100

253 22.0 17.1 25.7

125 14.0 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: 37.547 ng

RT: 17.04 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

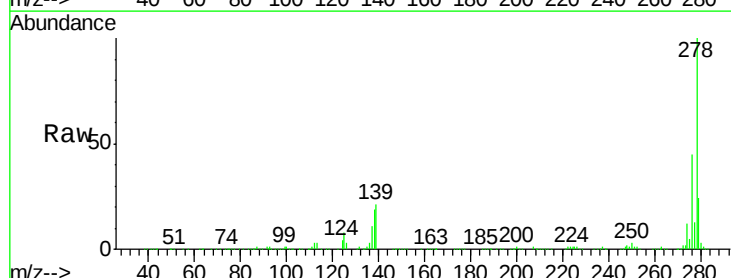
Tgt Ion:278 Resp: 918082

Ion Ratio Lower Upper

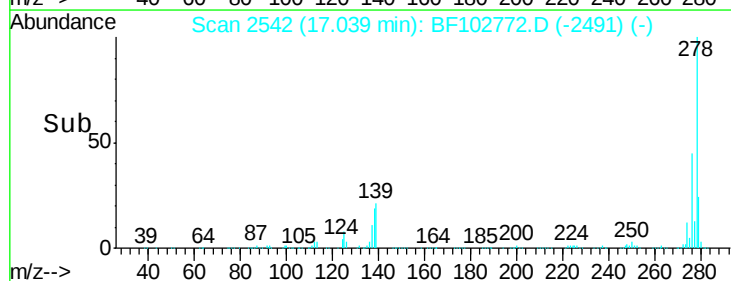
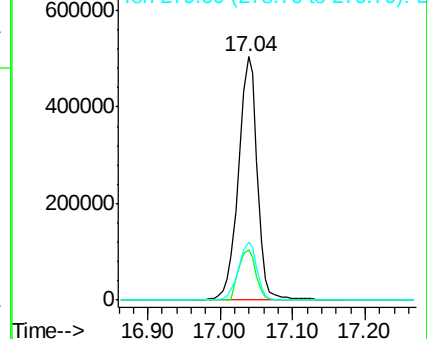
278 100

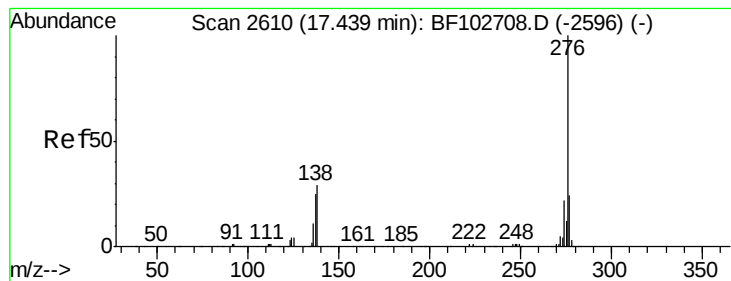
139 20.8 15.9 23.9

279 23.8 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: 37.193 ng

RT: 17.48 min Scan# 2617

Delta R.T. 0.01 min

Lab File: BF102772.D

Acq: 6 Feb 2018 9:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

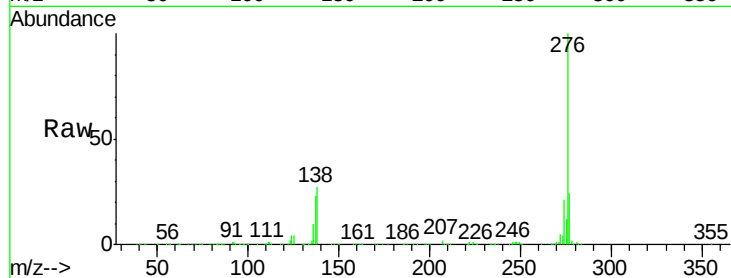
Tot Ion: 276 Resp: 890158

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 26.7 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

