

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104187.D
 Acq On : 3 Apr 2018 18:52
 Operator : JU/SJ
 Sample : J2182-12MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 01:11:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	105703	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	434796	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	198111	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	342012	20.00	ng	0.00
75) Chrysene-d12	14.16	240	216466	20.00	ng	0.00
86) Perylene-d12	15.70	264	225355	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	868671	131.06	ng	0.01
7) Phenol-d6	6.60	99	1048717	128.60	ng	0.00
23) Nitrobenzene-d5	7.53	82	613970	86.36	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	275370	124.83	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1075156	85.58	ng	0.00
78) Terphenyl-d14	13.08	244	913798	97.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	107162	37.486	ng	# 84
3) Pyridine	3.65	79	245123	33.871	ng	# 86
4) n-Nitrosodimethylamine	3.62	42	74477	34.622	ng	# 72
6) Aniline	6.64	93	99720	10.215	ng	# 54
8) 2-Chlorophenol	6.75	128	342697	47.134	ng	97
9) Benzaldehyde	6.52	77	84057	16.506	ng	92
10) Phenol	6.62	94	418049	46.268	ng	97
11) bis(2-Chloroethyl)ether	6.70	93	264522	33.974	ng	93
12) 1,3-Dichlorobenzene	6.90	146	336976	41.230	ng	97
13) 1,4-Dichlorobenzene	6.98	146	378663	43.239	ng	99
14) 1,2-Dichlorobenzene	7.13	146	335465	42.618	ng	100
15) Benzyl Alcohol	7.10	79	236898	44.681	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.23	45	354544	41.797	ng	59
17) 2-Methylphenol	7.22	107	258790	43.732	ng	# 89
18) Hexachloroethane	7.46	117	126280	43.068	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	215217	44.471	ng	90
20) 3+4-Methylphenols	7.37	107	342520	45.352	ng	# 53
22) Acetophenone	7.37	105	454637	43.217	ng	# 97
24) Nitrobenzene	7.55	77	297635	39.788	ng	93
25) Isophorone	7.78	82	601188	45.884	ng	97
26) 2-Nitrophenol	7.86	139	183794	47.069	ng	91
27) 2,4-Dimethylphenol	7.89	122	297476	52.824	ng	100
28) bis(2-Chloroethoxy)methane	7.99	93	391636	47.691	ng	99
29) 2,4-Dichlorophenol	8.10	162	283186	48.144	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	290752	43.565	ng	98
31) Naphthalene	8.26	128	1026223	48.313	ng	99
32) Benzoic acid	7.99	122	40957	9.928	ng	# 76
33) 4-Chloroaniline	8.34	127	50980	5.693	ng	93
34) Hexachlorobutadiene	8.37	225	155533	42.826	ng	98
35) Caprolactam	8.69	113	48796	26.163	ng	# 76
36) 4-Chloro-3-methylphenol	8.80	107	294811	47.385	ng	99
37) 2-Methylnaphthalene	8.96	142	640247	45.759	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	274742	45.224	ng	98
40) Hexachlorocyclopentadiene	9.10	237	146080	53.031	ng	97

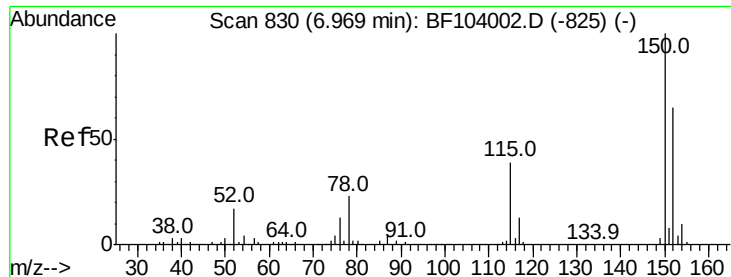
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104187.D
 Acq On : 3 Apr 2018 18:52
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	174916	45.470	nq	100
43) 2,4,5-Trichlorophenol	9.29	196	202399	43.575	nq	95
45) 1,1'-Biphenyl	9.42	154	760697	44.738	nq	98
46) 2-Chloronaphthalene	9.45	162	597961	44.583	nq	98
47) 2-Nitroaniline	9.55	65	166939	43.650	nq	93
48) Acenaphthylene	9.87	152	871107	42.871	nq	100
49) Dimethylphthalate	9.72	163	796589	50.928	nq	100
50) 2,6-Dinitrotoluene	9.79	165	154029	45.772	nq	87
51) Acenaphthene	10.04	154	512701	43.617	nq	99
52) 3-Nitroaniline	9.97	138	63173	16.331	nq	95
53) 2,4-Dinitrophenol	10.08	184	35623	28.132	nq #	37
54) Dibenzofuran	10.21	168	771964	44.973	nq	98
55) 4-Nitrophenol	10.14	139	169995	73.291	nq	97
56) 2,4-Dinitrotoluene	10.20	165	190486	44.361	nq #	98
57) Fluorene	10.56	166	625801	44.197	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	163054	46.855	nq #	85
59) Diethylphthalate	10.42	149	637995	42.577	nq	98
60) 4-Chlorophenyl-phenylether	10.54	204	287265	44.172	nq	96
61) 4-Nitroaniline	10.59	138	129471	35.769	nq	95
62) Azobenzene	10.70	77	574261	42.383	nq	91
64) 4,6-Dinitro-2-methylphenol	10.62	198	62997	30.429	nq #	76
65) n-Nitrosodiphenylamine	10.66	169	540950	46.703	nq	100
66) 4-Bromophenyl-phenylether	11.03	248	170363	46.560	nq #	90
67) Hexachlorobenzene	11.10	284	182373	43.329	nq #	89
68) Atrazine	11.19	200	164453	46.345	nq	99
69) Pentachlorophenol	11.30	266	165541	71.473	nq	97
70) Phenanthrene	11.53	178	1051994	56.813	nq	99
71) Anthracene	11.57	178	991922	51.285	nq	100
72) Carbazole	11.73	167	823734	44.622	nq	99
73) Di-n-butylphthalate	12.04	149	930826	42.332	nq	99
74) Fluoranthene	12.72	202	1093078	55.535	nq	97
76) Benzidine	12.84	184	128452	20.823	nq	97
77) Pyrene	12.95	202	1015247	65.244	nq	100
79) Butylbenzylphthalate	13.54	149	333272	45.460	nq	99
80) Benzo(a)anthracene	14.14	228	726305	53.623	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	100766	22.476	nq	99
82) Chrysene	14.19	228	694855	52.377	nq	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	443646	46.836	nq	99
84) Di-n-octyl phthalate	14.73	149	727189	44.629	nq #	94
85) Indeno(1,2,3-cd)pyrene	17.31	276	766508	55.757	nq	94
87) Benzo(b)fluoranthene	15.24	252	663125	48.351	nq	99
88) Benzo(k)fluoranthene	15.27	252	653433	50.577	nq	99
89) Benzo(a)pyrene	15.64	252	653936	51.453	nq	98
90) Dibenzo(a,h)anthracene	17.32	278	593541	50.511	nq	98
91) Benzo(g,h,i)perylene	17.80	276	673933	57.260	nq	95

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

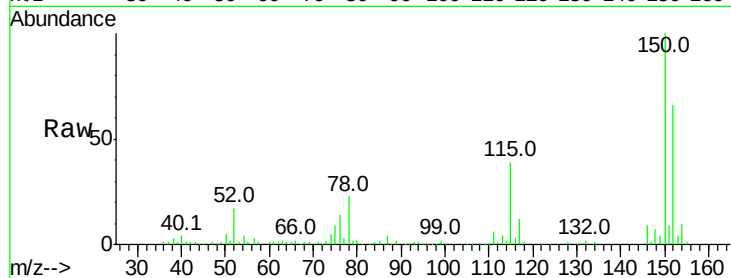


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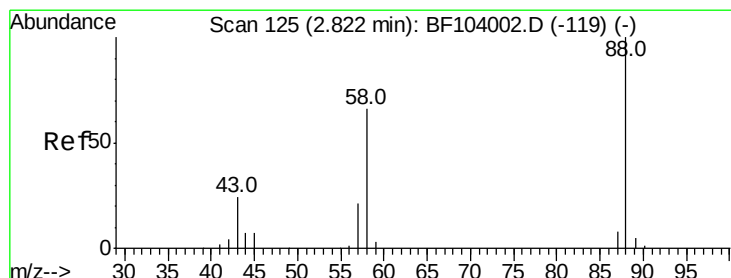
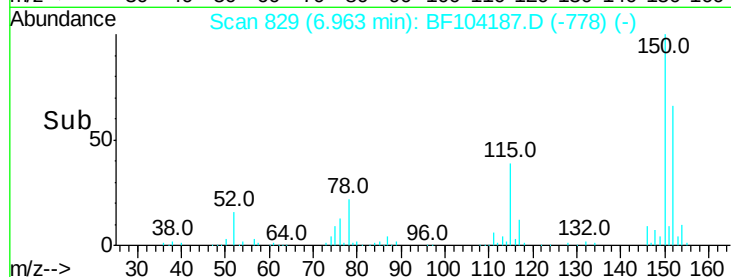
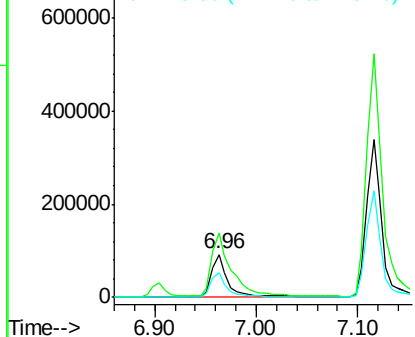
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105703
Ion Ratio Lower Upper
152 100
150 150.9 124.6 186.8
115 58.4 50.1 75.1



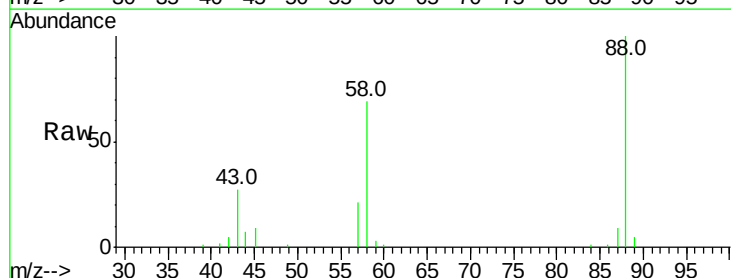
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



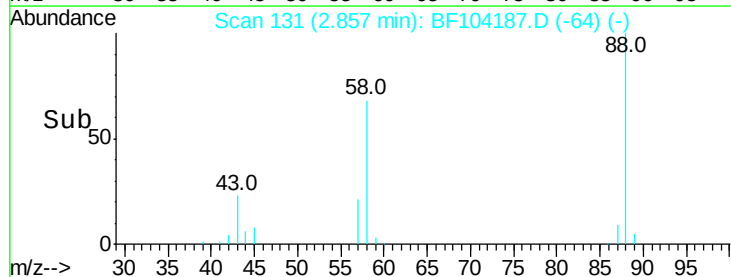
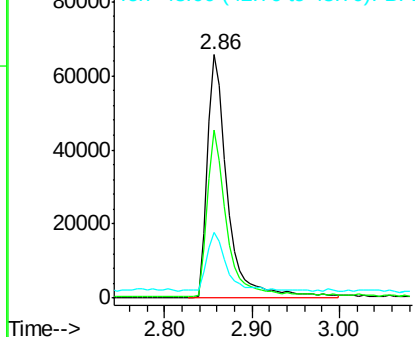
#2

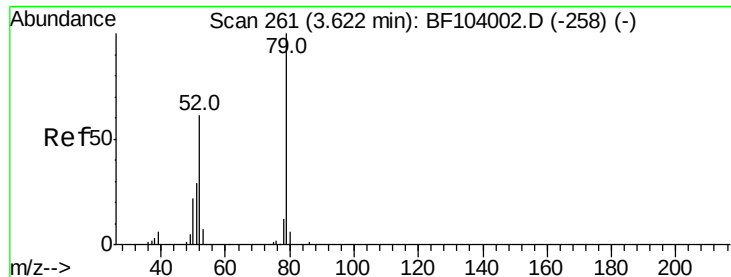
1,4-Dioxane
Concen: 37.486 ng
RT: 2.86 min Scan# 131
Delta R.T. 0.09 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Tgt Ion: 88 Resp: 107162
Ion Ratio Lower Upper
88 100
58 64.1 62.6 93.8
43 22.6 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: 33.871 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.08 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

Instrument :

BNA_F

ClientSampleId :

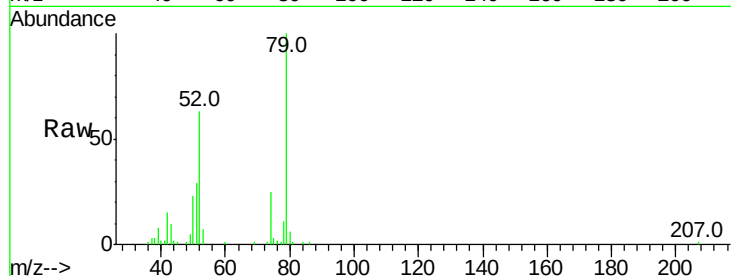
Tot Ion: 79 Resp: 245123

Ion Ratio Lower Upper

79 100

52 62.8 59.8 89.6

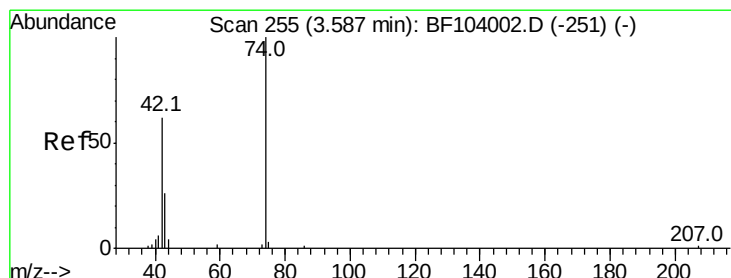
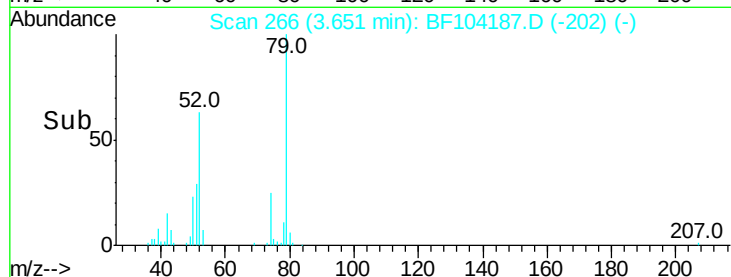
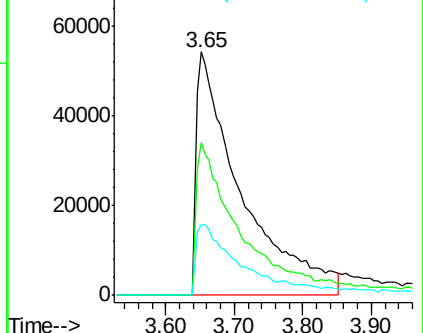
51 29.2 29.8 44.8#



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: 34.622 ng

RT: 3.62 min Scan# 260

Delta R.T. 0.06 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

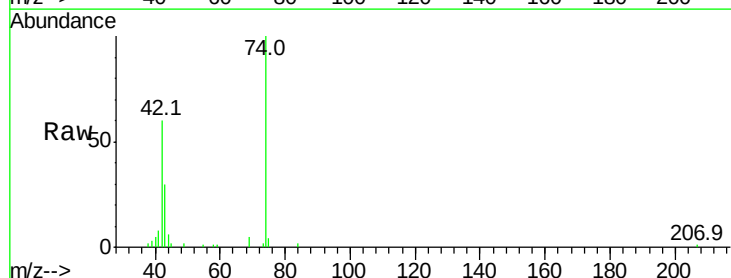
Tgt Ion: 42 Resp: 74477

Ion Ratio Lower Upper

42 100

74 165.7 104.9 157.3#

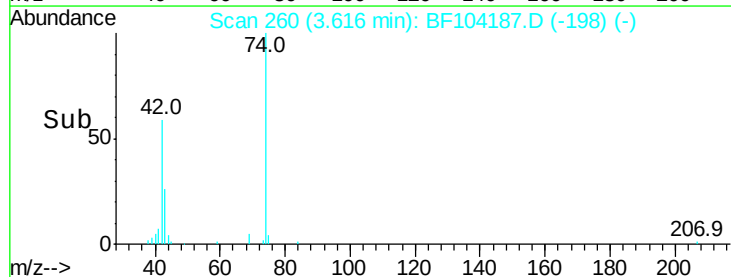
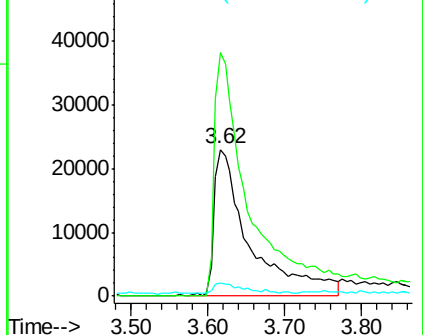
44 9.4 6.9 10.3

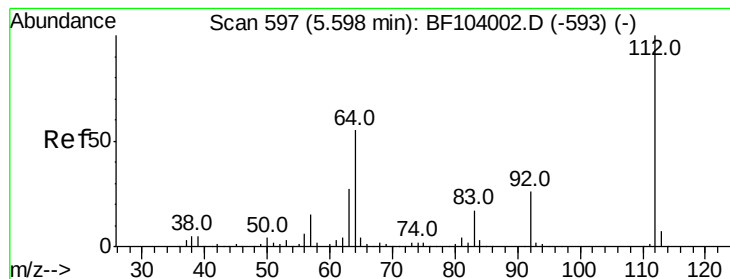


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 131.057 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

Instrument :
BNA_F
ClientSampleId :

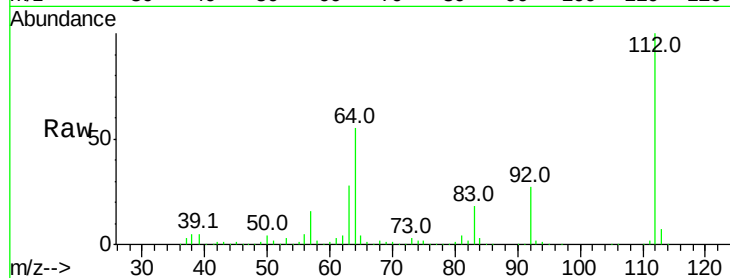
Tot Ion:112 Resp: 868671

Ion Ratio Lower Upper

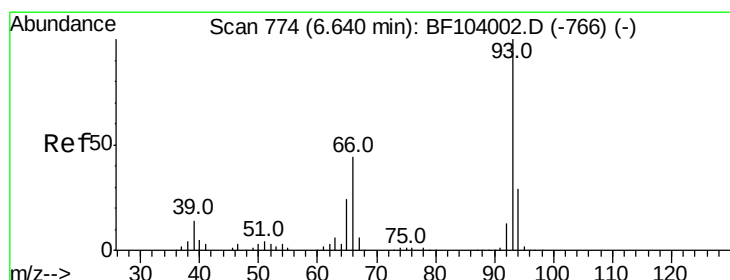
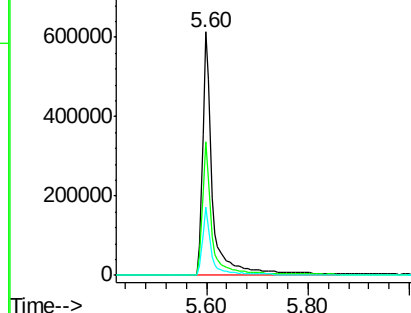
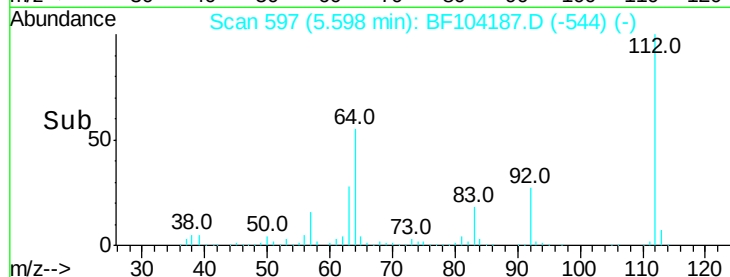
112 100

64 54.8 47.9 71.9

63 28.0 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: 10.215 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

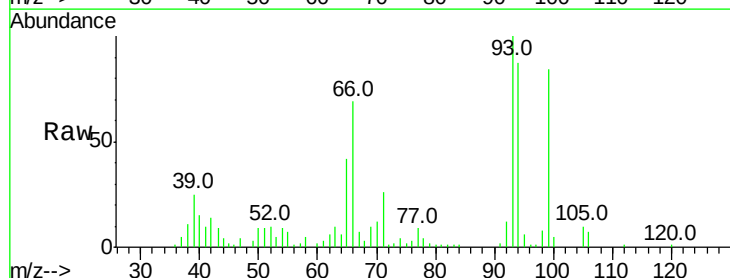
Tgt Ion: 93 Resp: 99720

Ion Ratio Lower Upper

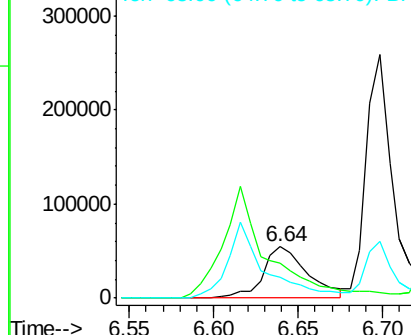
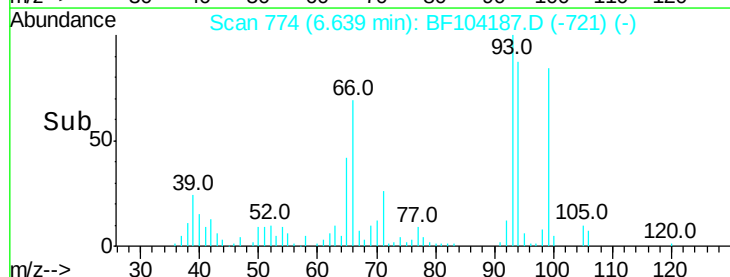
93 100

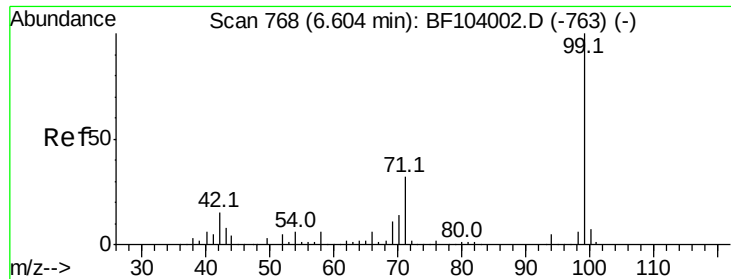
66 68.9 32.2 48.2#

65 41.6 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: 128.603 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

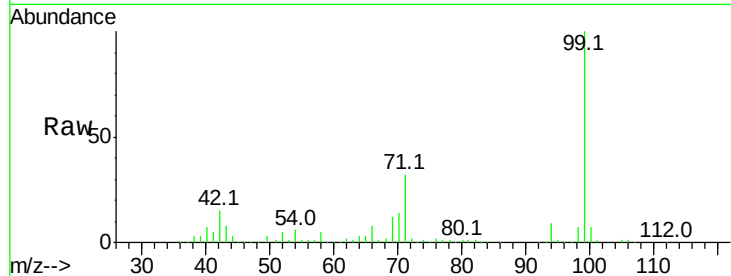
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1048717

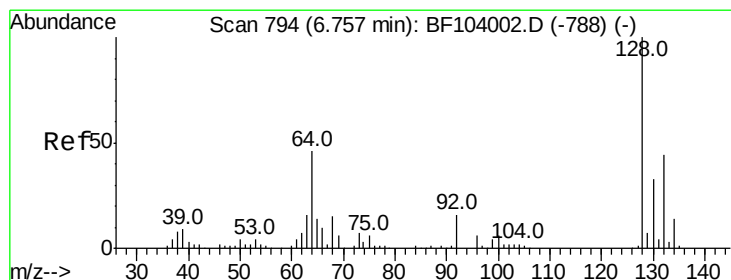
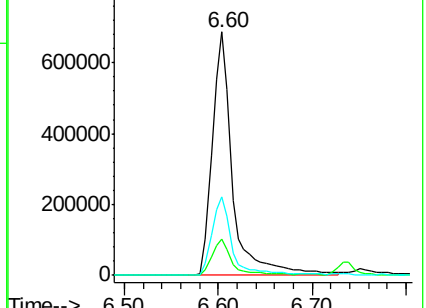
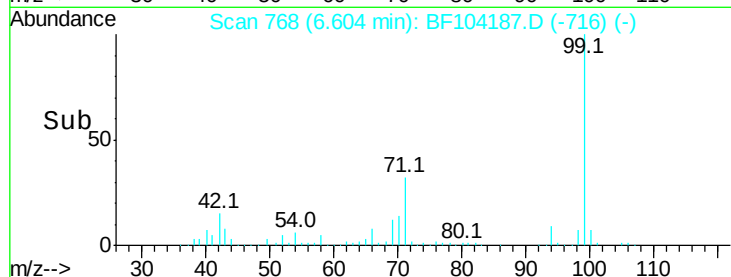
Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.5	21.7
71	32.4	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.134 ng

RT: 6.75 min Scan# 793

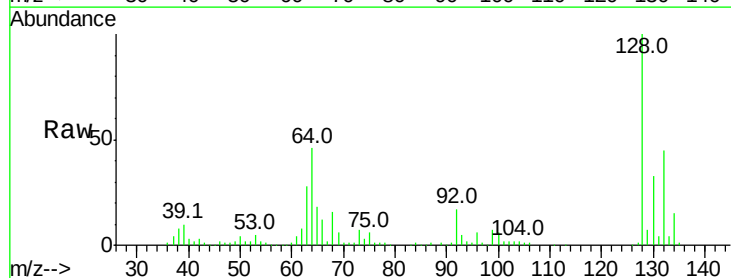
Delta R.T. -0.00 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

Tgt Ion:128 Resp: 342697

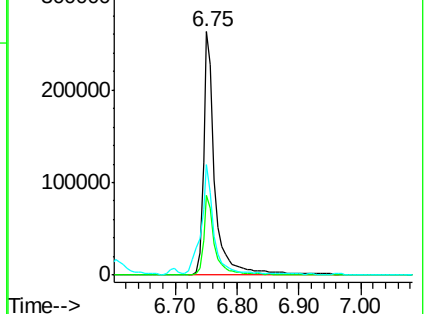
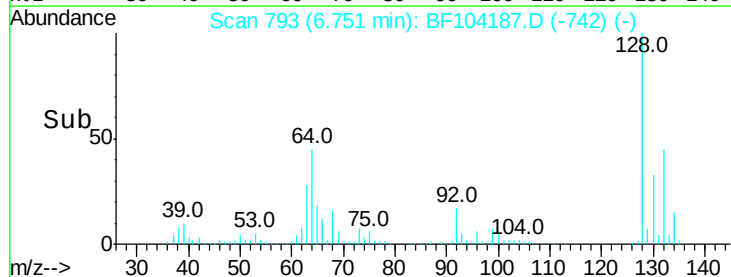
Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.0	53.0
64	45.6	29.4	69.4

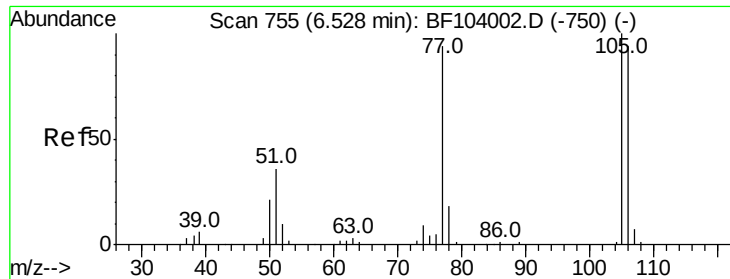


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

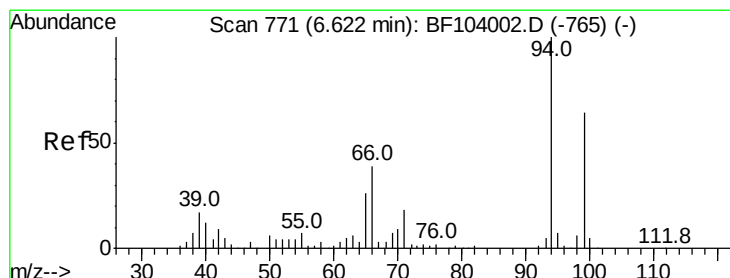
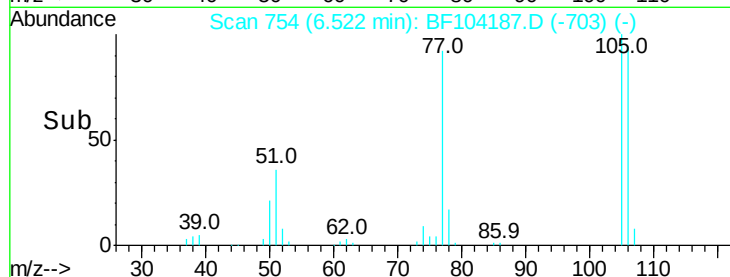
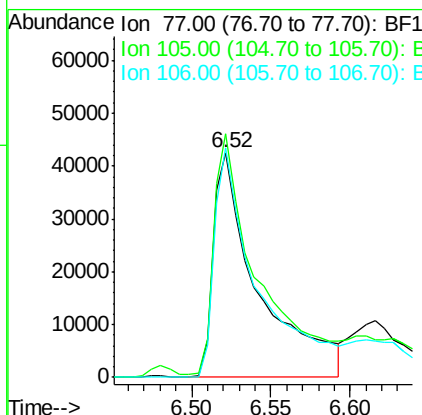
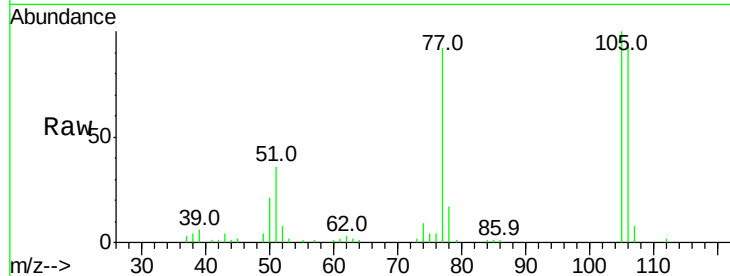




#9
Benzaldehyde
Concen: 16.506 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

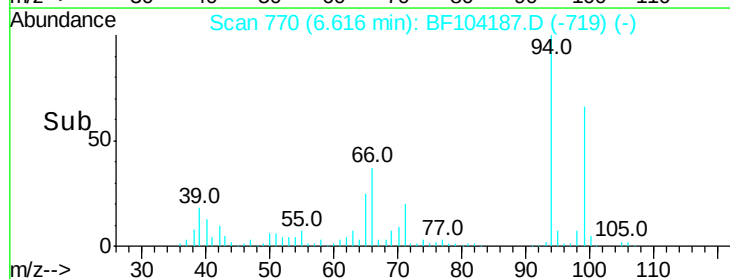
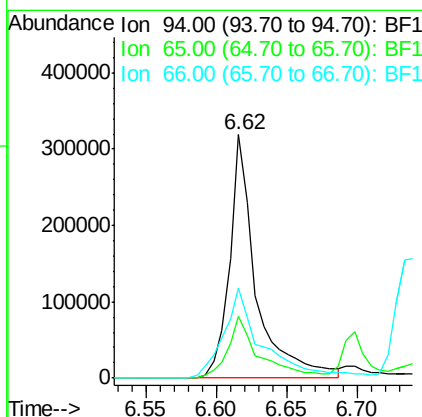
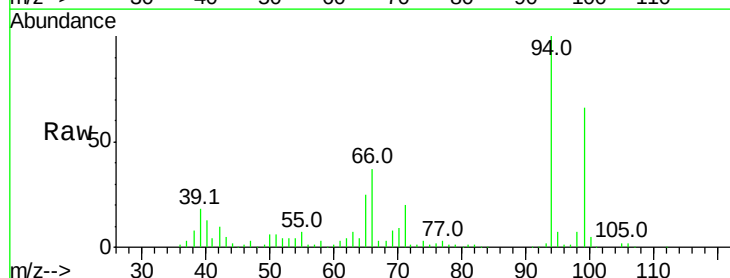
Instrument :
BNA_F
ClientSampleId :

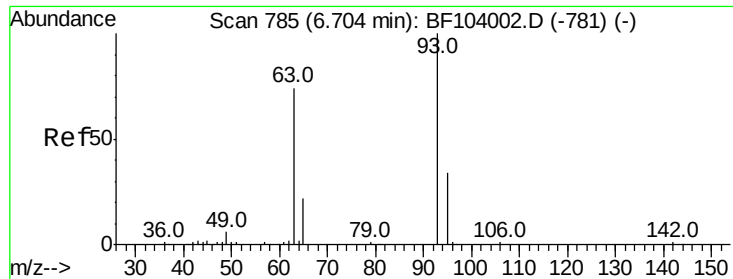
Tot Ion: 77 Resp: 84057
Ion Ratio Lower Upper
77 100
105 108.4 81.1 121.1
106 102.3 74.5 114.5



#10
Phenol
Concen: 46.268 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Tgt Ion: 94 Resp: 418049
Ion Ratio Lower Upper
94 100
65 25.4 7.9 47.9
66 37.2 16.2 56.2

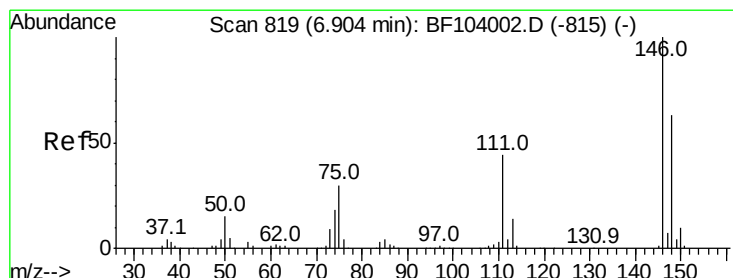
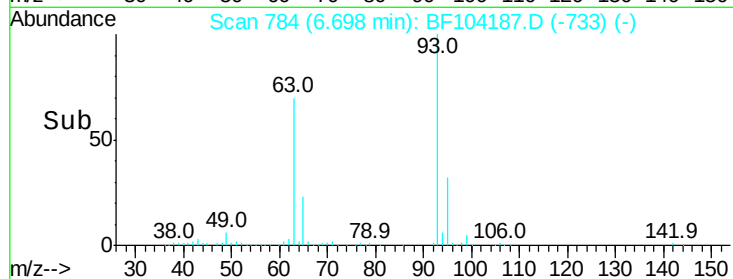
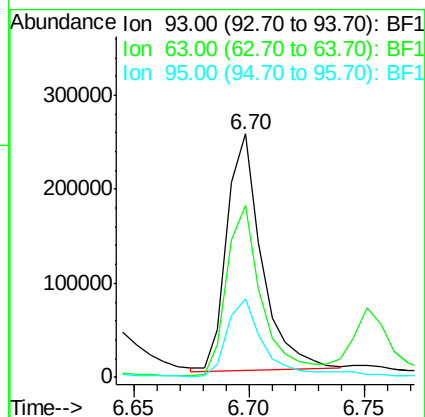
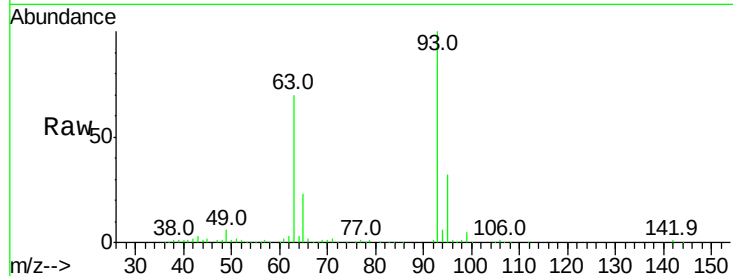




#11
bis(2-Chloroethyl)ether
Concen: 33.974 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

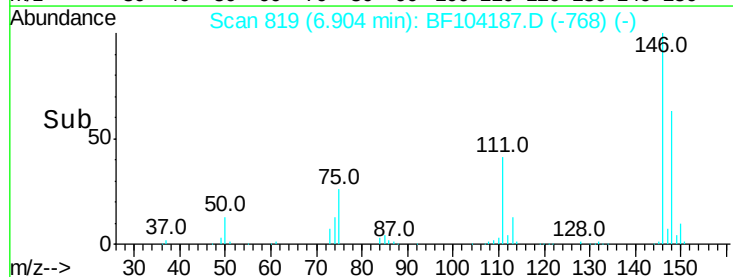
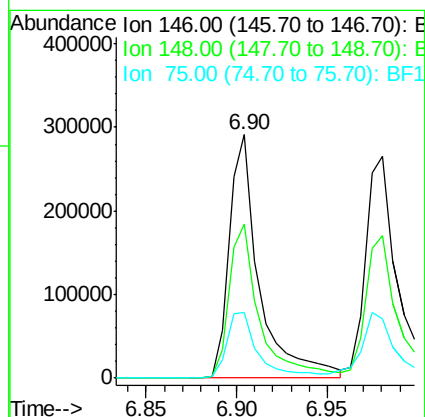
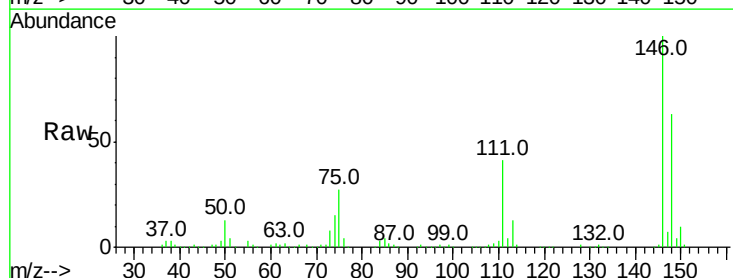
Instrument :
BNA_F
ClientSampleId :

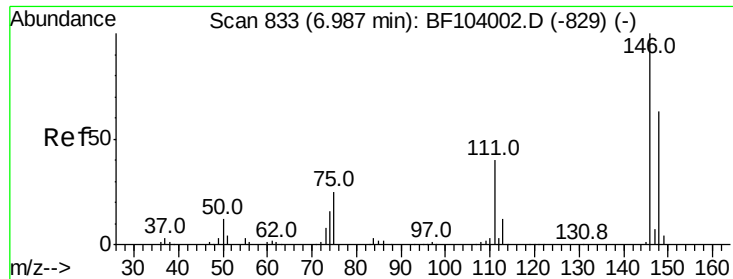
Tot Ion: 93 Resp: 264522
Ion Ratio Lower Upper
93 100
63 70.4 58.6 98.6
95 32.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.230 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Tgt Ion: 146 Resp: 336976
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
75 26.8 24.2 36.4

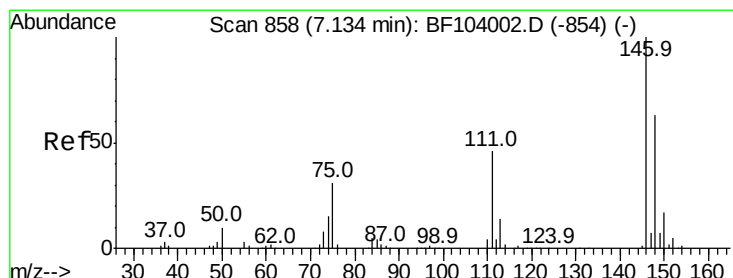
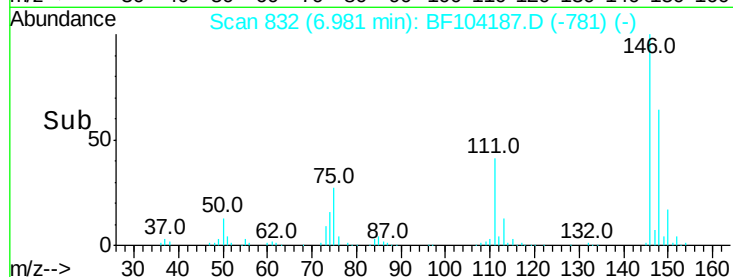
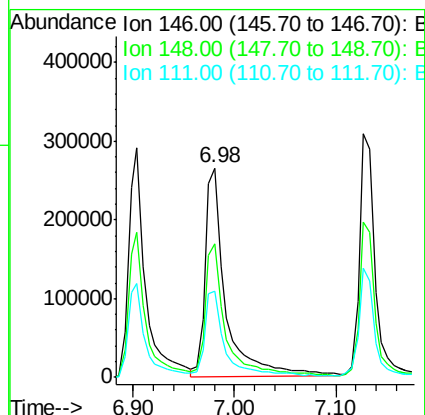
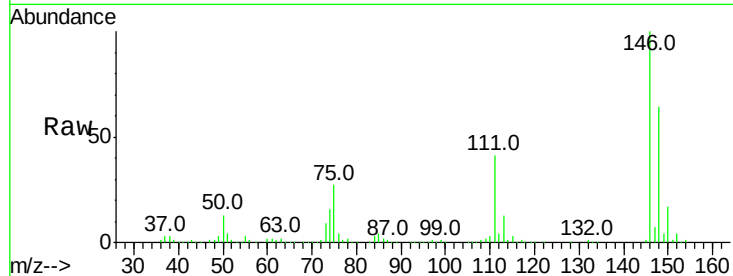




#13
 1,4-Dichlorobenzene
 Concen: 43.239 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

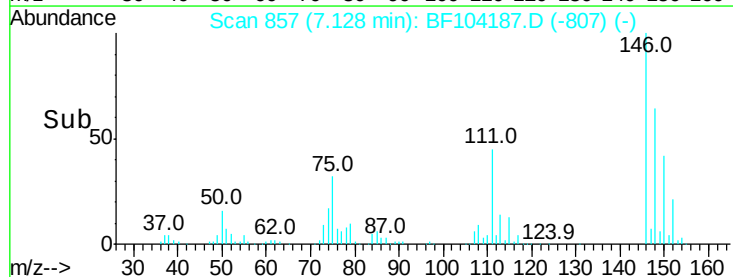
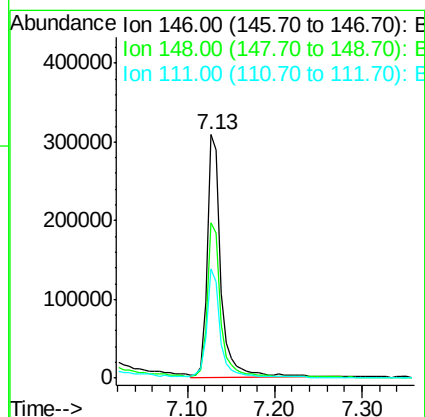
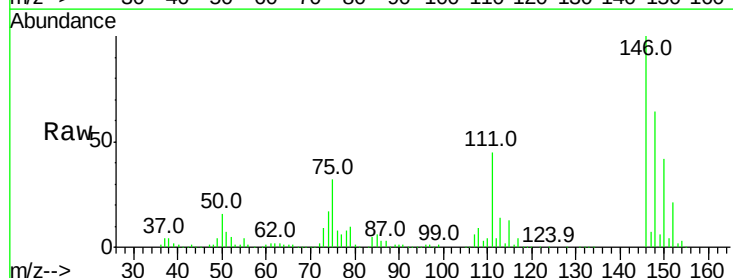
Instrument :
 BNA_F
 ClientSampleId :

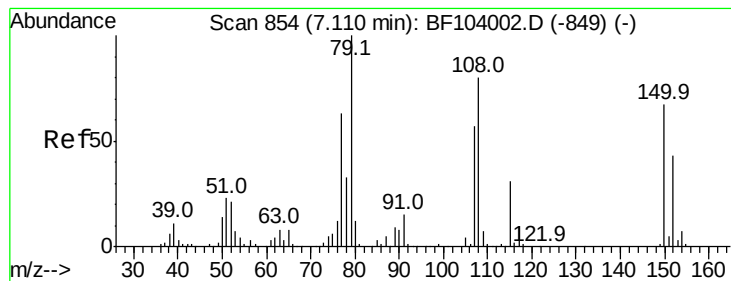
Tot Ion:146 Resp: 378663
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 41.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 42.618 ng
 RT: 7.13 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Tgt Ion:146 Resp: 335465
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 44.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 44.681 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

Instrument :

BNA_F

ClientSampleId :

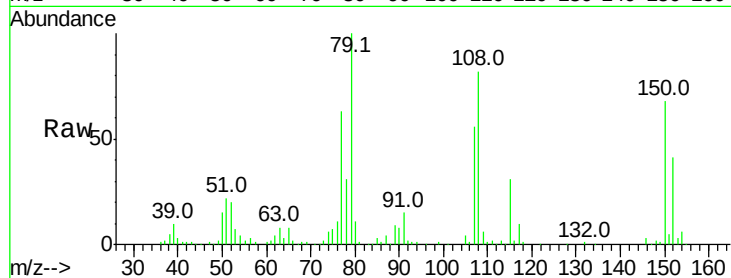
Tot Ion: 79 Resp: 236898

Ion Ratio Lower Upper

79 100

108 81.7 65.1 97.7

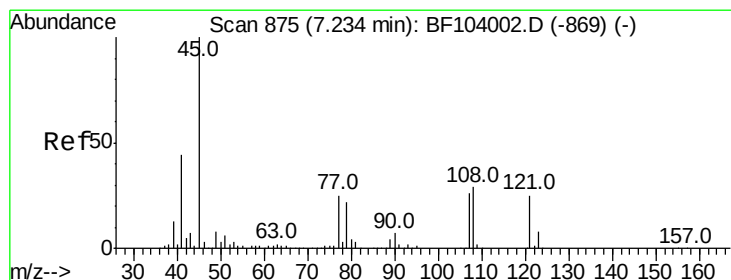
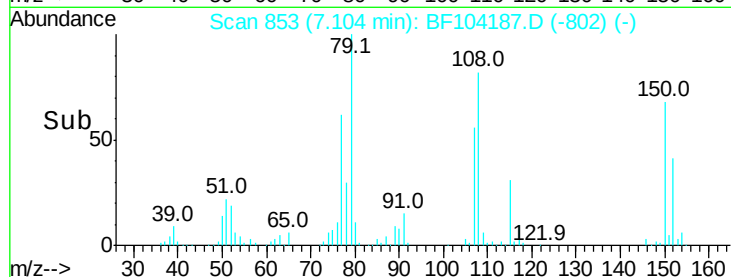
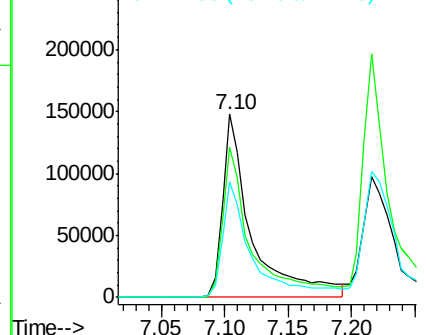
77 62.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.797 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

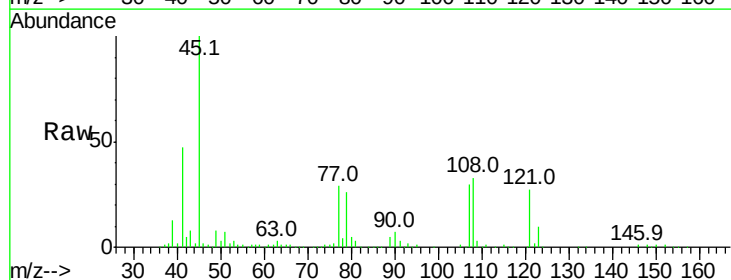
Tgt Ion: 45 Resp: 354544

Ion Ratio Lower Upper

45 100

77 28.6 0.0 32.9

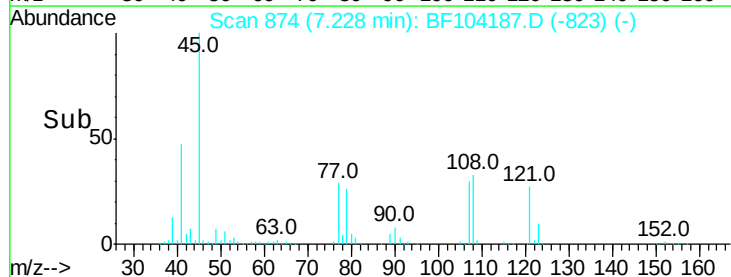
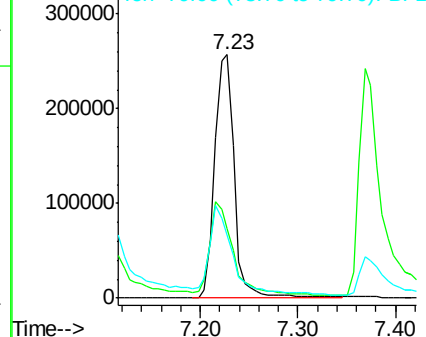
79 25.7 0.0 29.6

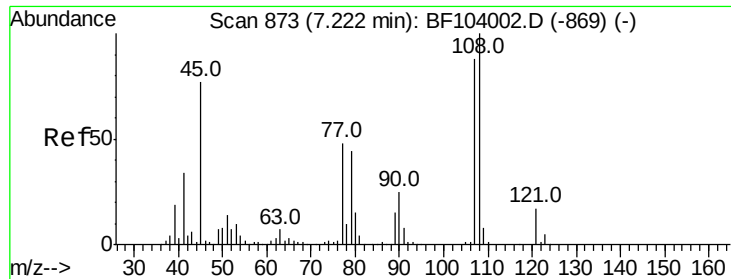


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 43.732 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 258790

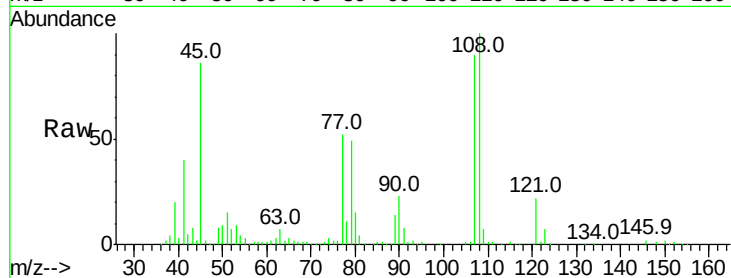
Ion Ratio Lower Upper

107 100

108 110.6 91.7 137.5

77 57.0 33.8 50.8#

79 54.7 33.8 50.8#

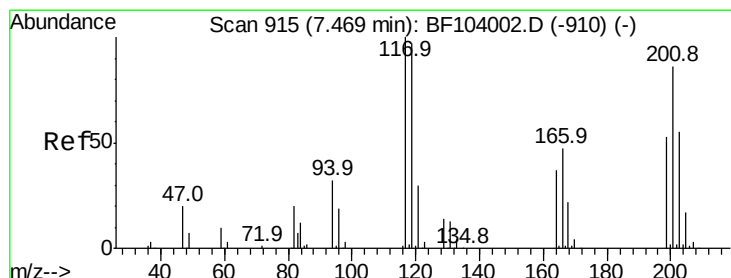
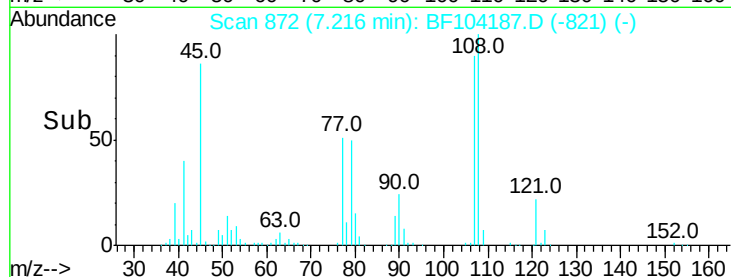
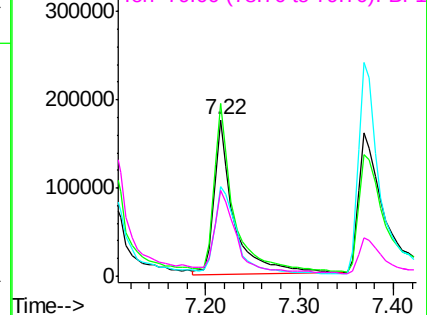


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.068 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

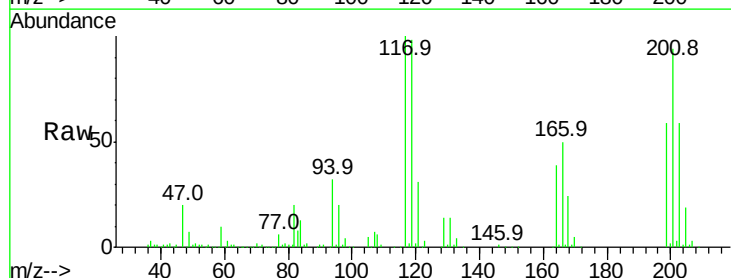
Tgt Ion:117 Resp: 126280

Ion Ratio Lower Upper

117 100

119 97.8 75.8 113.8

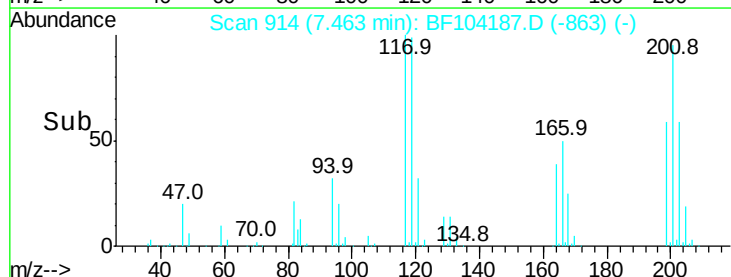
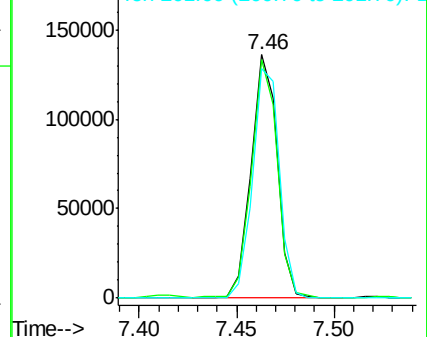
201 94.3 75.7 113.5

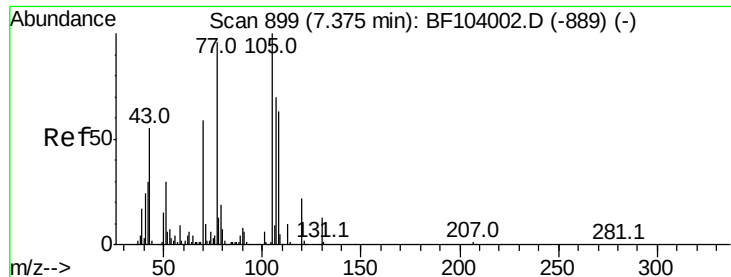


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

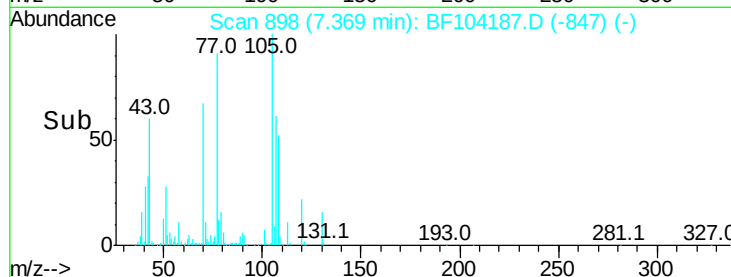
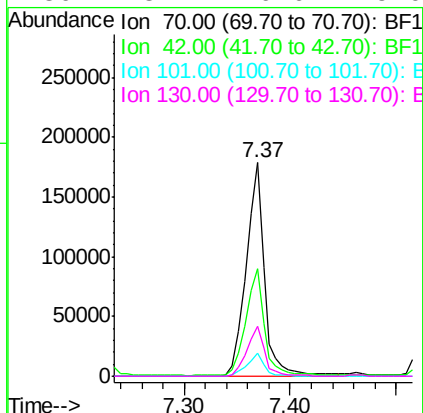
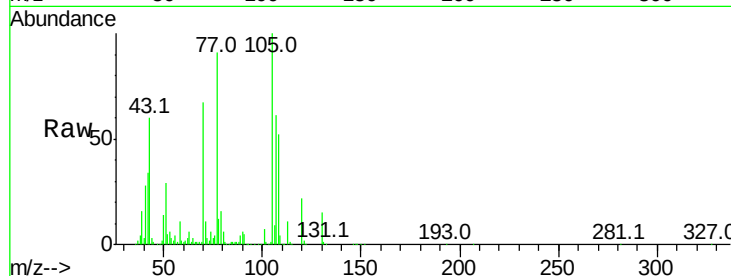




#19
n-Nitroso-di-n-propylamine
Concen: 44.471 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

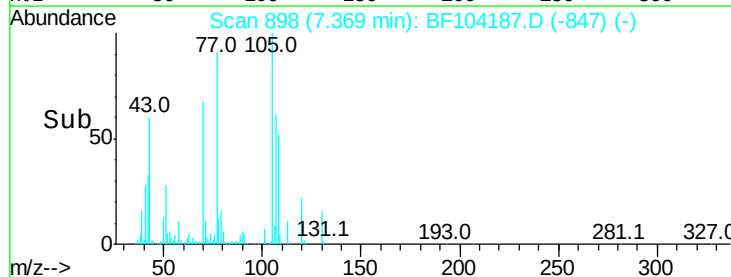
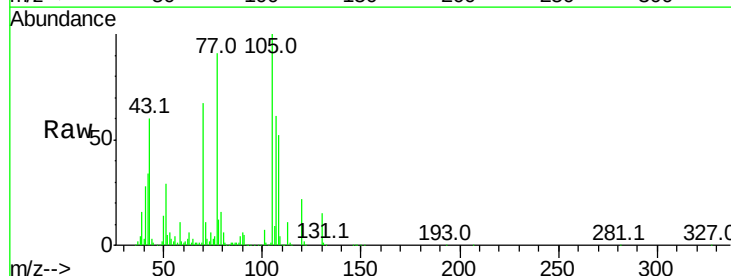
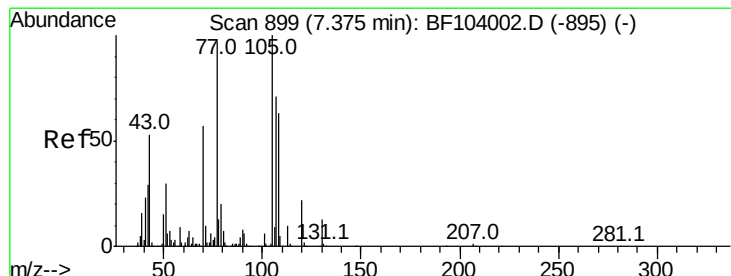
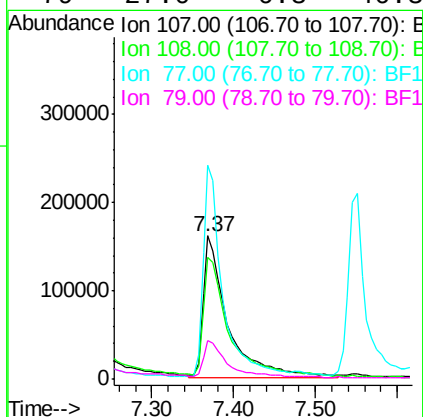
Instrument :
BNA_F
ClientSampleId :

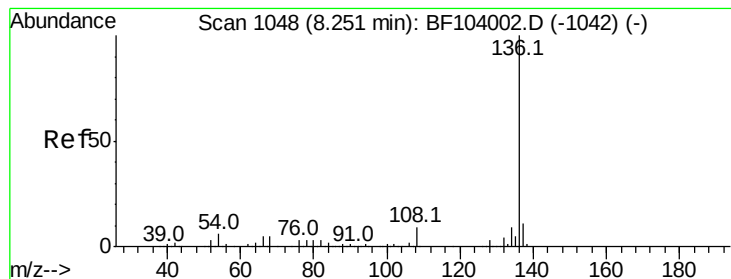
Tot Ion	Ratio	Lower	Upper
70	100		
42	50.1	47.5	71.3
101	10.6	7.4	11.2
130	23.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 45.352 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	68.2	108.2
77	149.4	26.7	66.7#
79	27.0	6.3	46.3

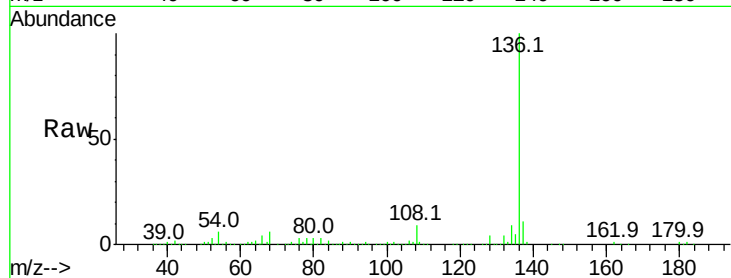




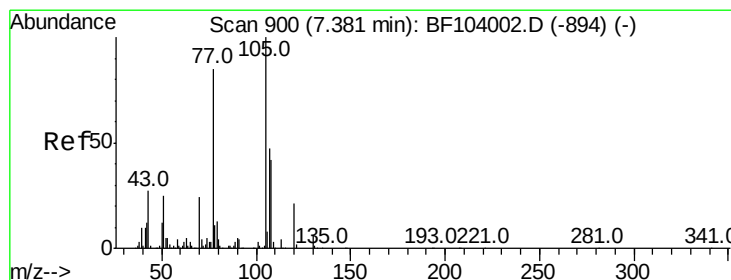
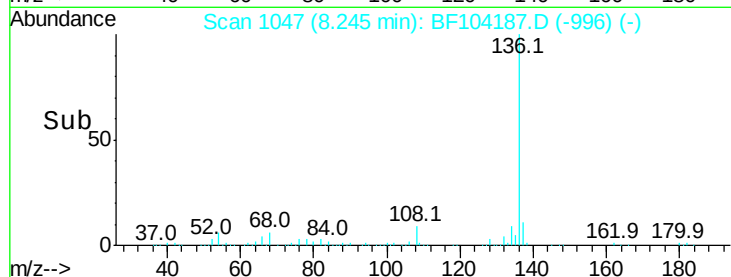
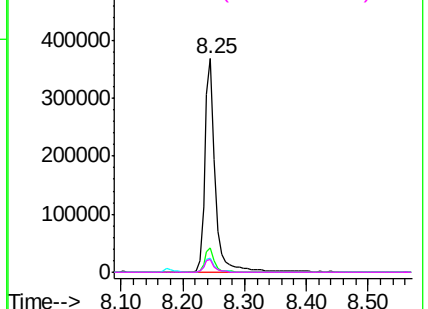
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	434796
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 6.5	6.6	9.8#
68 5.8	5.0	7.4

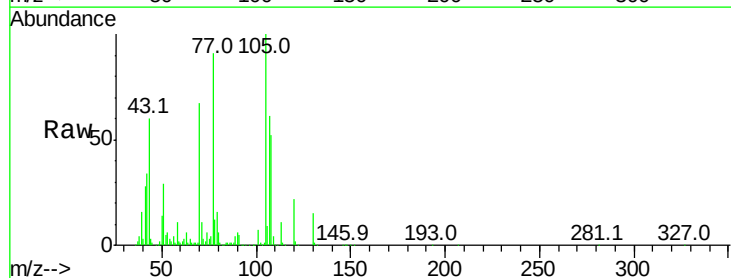


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

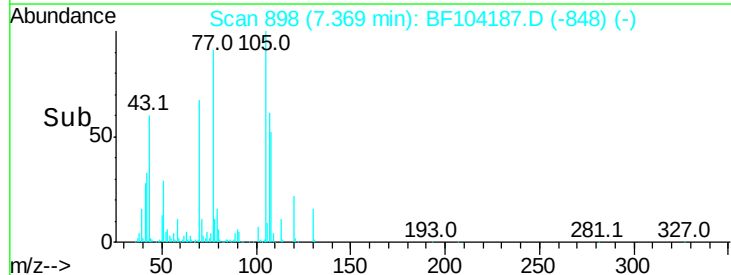
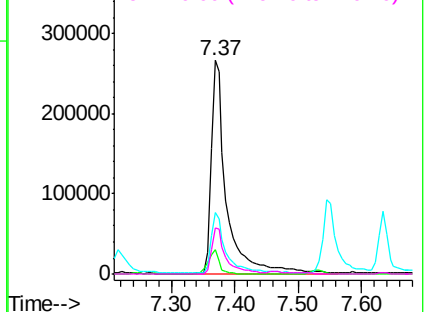


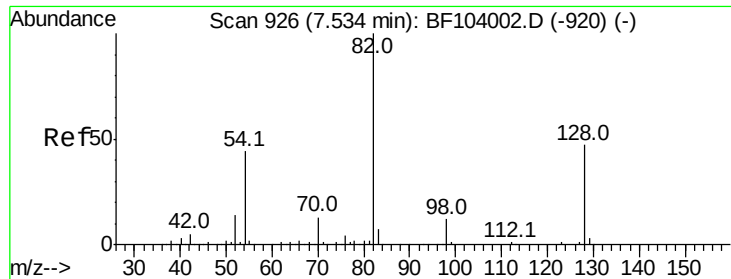
#22
Acetophenone
Concen: 43.217 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Tgt	Ion:105	Resp:	454637
Ion	Ratio	Lower	Upper
105	100		
71	11.5	4.4	6.6#
51	28.7	22.3	33.5
120	21.7	16.9	25.3



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

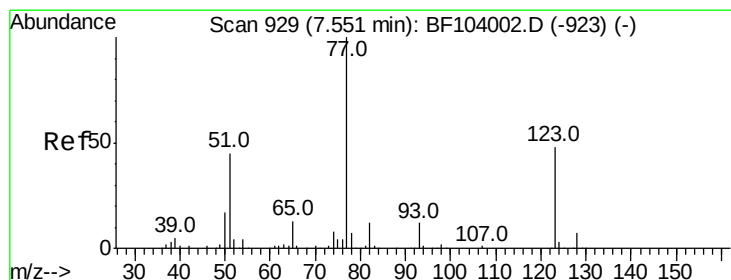
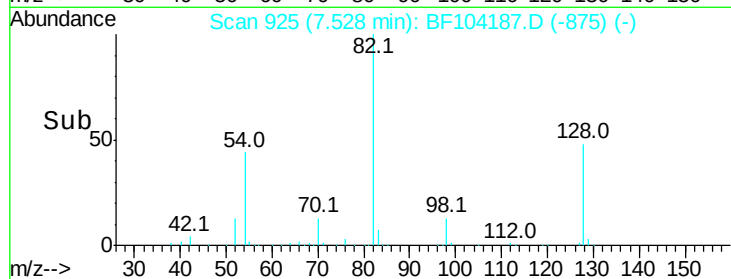
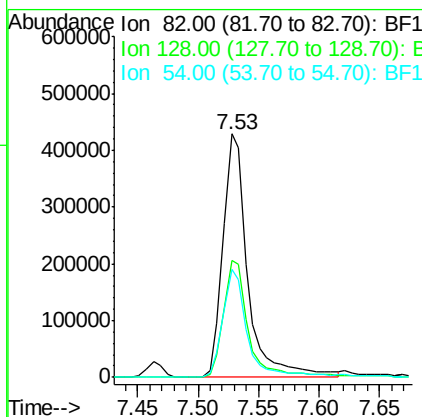
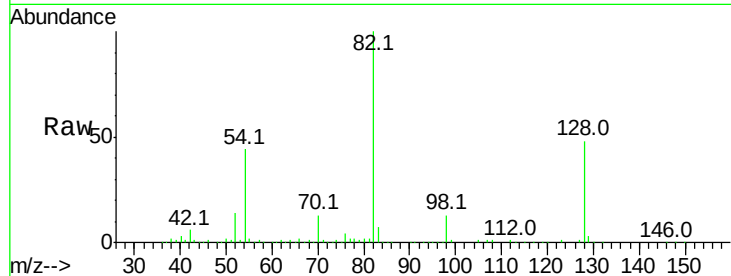




#23
 Nitrobenzene-d5
 Concen: 86.357 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

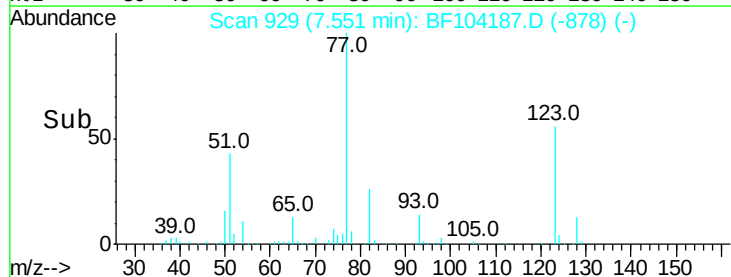
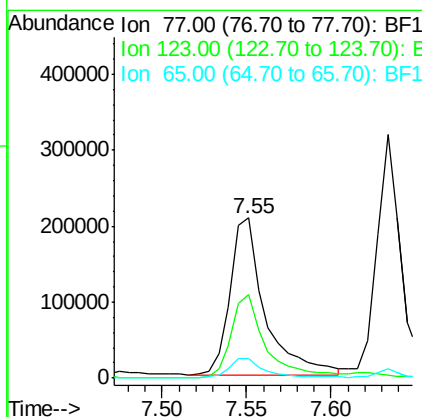
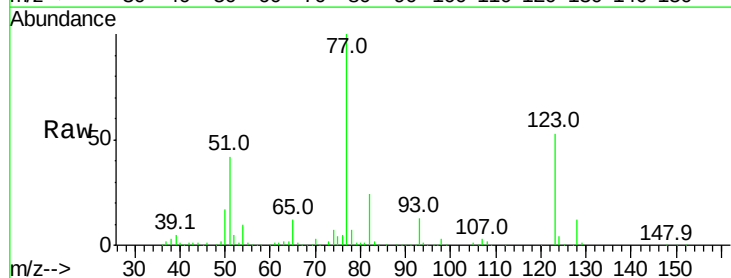
Instrument :
 BNA_F
 ClientSampled :

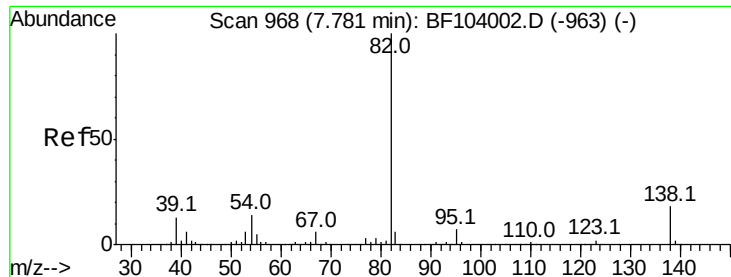
Tot Ion: 82 Resp: 613970
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.1 54.1
 54 44.5 41.4 62.2



#24
 Nitrobenzene
 Concen: 39.788 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Tgt Ion: 77 Resp: 297635
 Ion Ratio Lower Upper
 77 100
 123 52.6 37.9 56.9
 65 12.4 11.0 16.4





#25

Isophorone

Concen: 45.884 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

Instrument :

BNA_F

ClientSampleId :

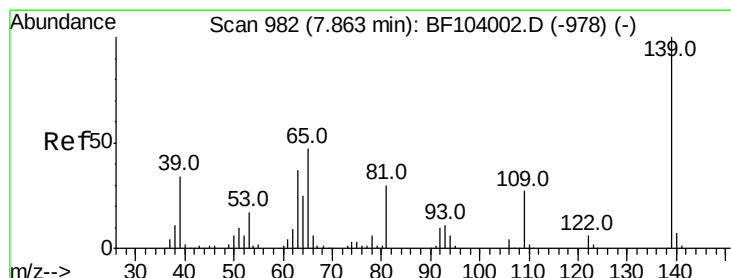
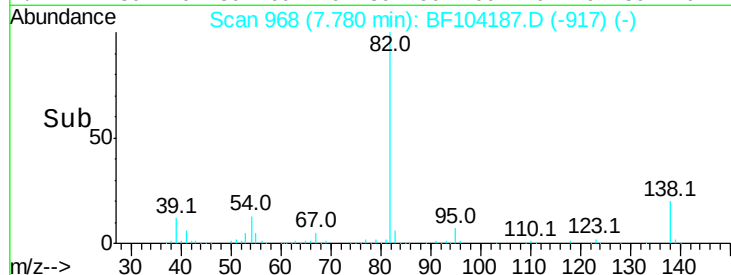
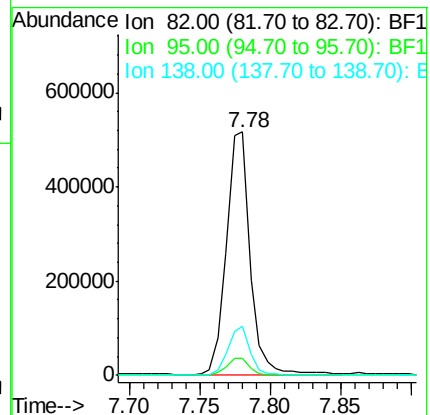
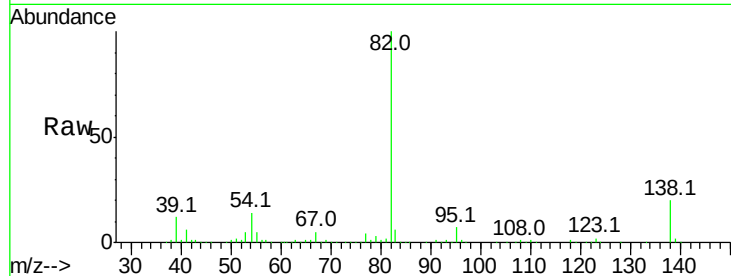
Tot Ion: 82 Resp: 601188

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 20.3 14.9 22.3



#26

2-Nitrophenol

Concen: 47.069 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

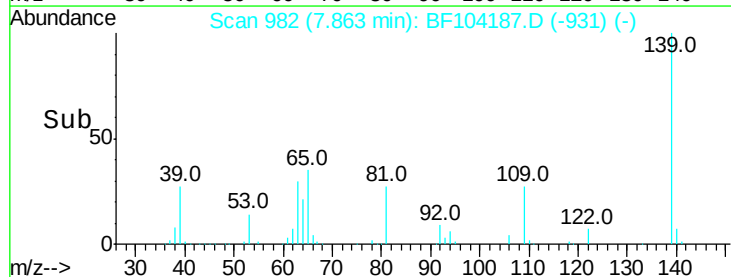
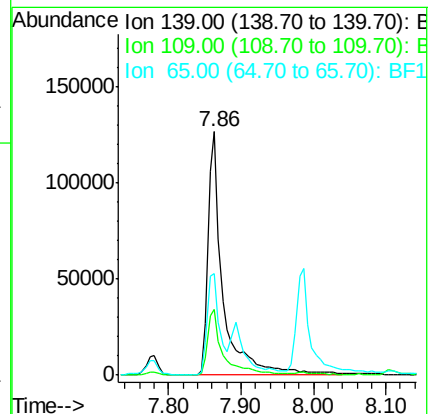
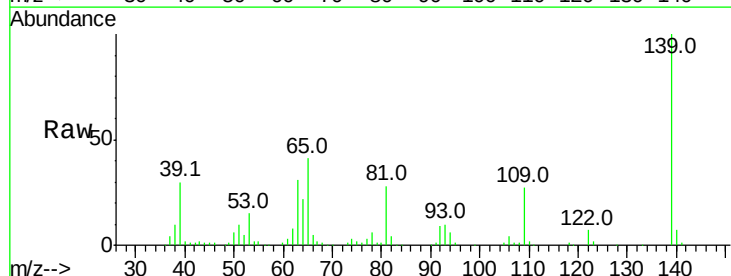
Tgt Ion:139 Resp: 183794

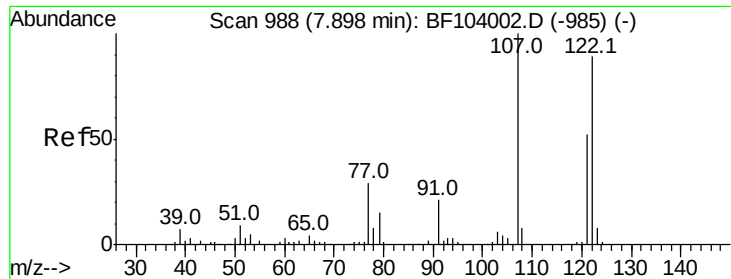
Ion Ratio Lower Upper

139 100

109 27.2 22.7 34.1

65 41.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 52.824 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

Instrument :

BNA_F

ClientSampleId :

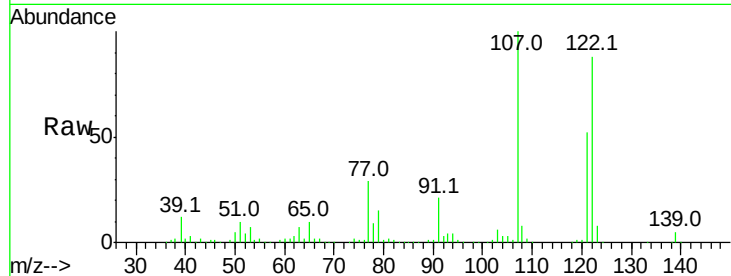
Tot Ion:122 Resp: 297476

Ion Ratio Lower Upper

122 100

107 113.6 91.2 136.8

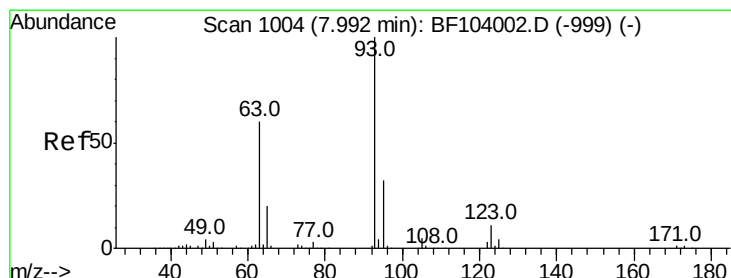
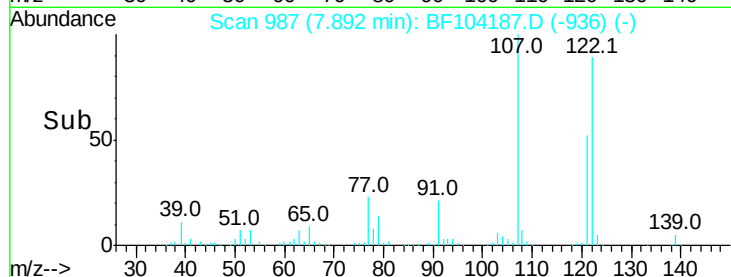
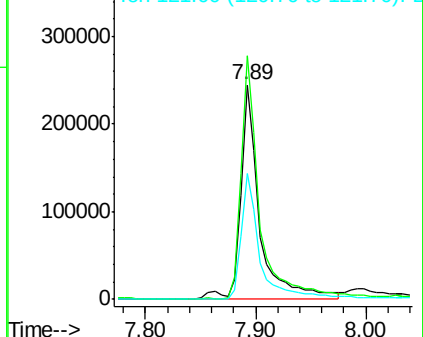
121 58.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.691 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

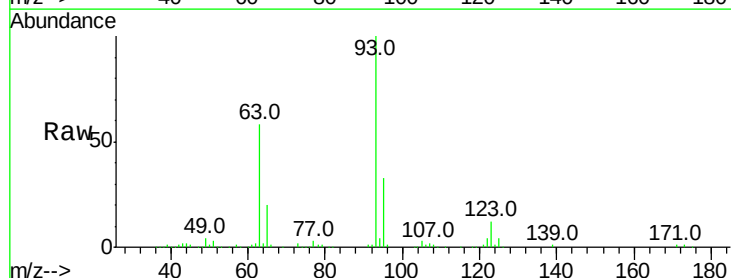
Tgt Ion: 93 Resp: 391636

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

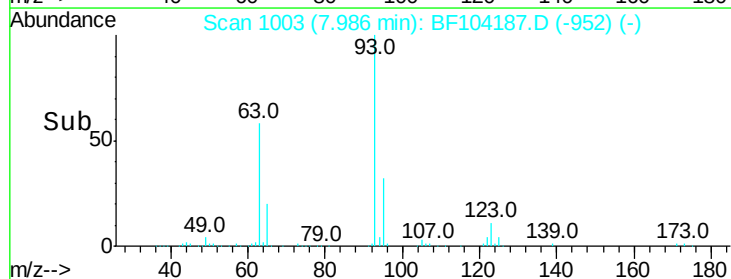
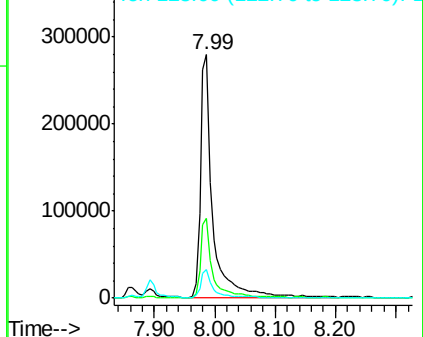
123 11.9 9.8 14.6

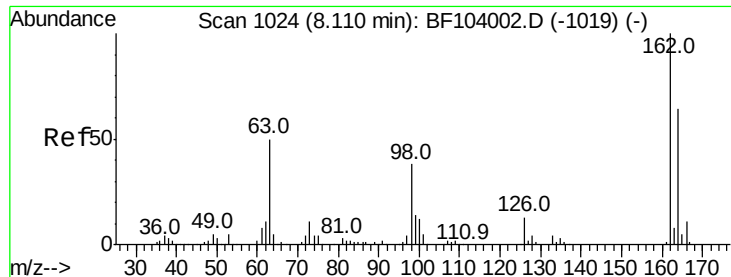


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

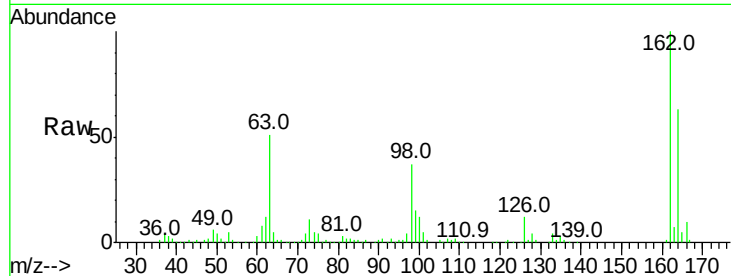




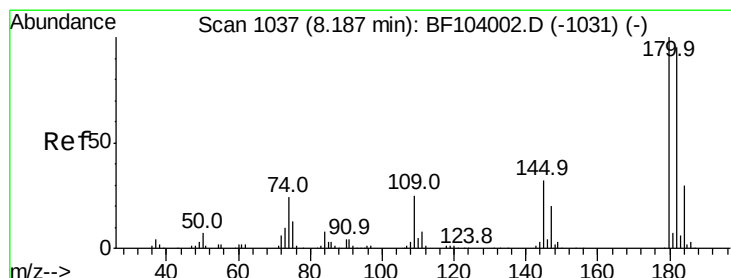
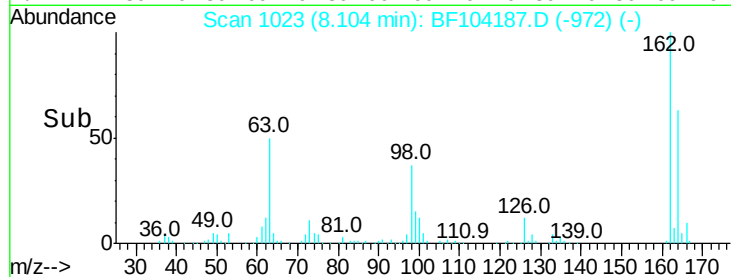
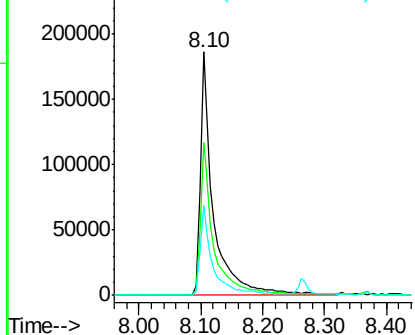
#29
 2,4-Dichlorophenol
 Concen: 48.144 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.7	82.7
98	37.2	18.1	58.1

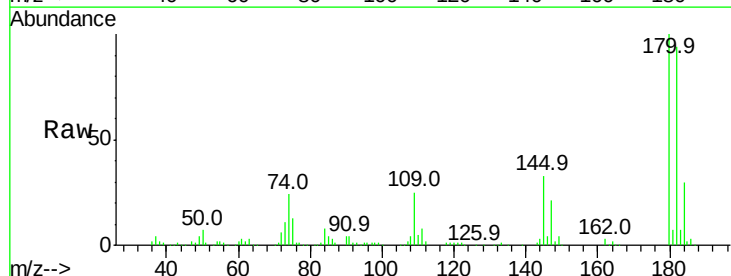


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

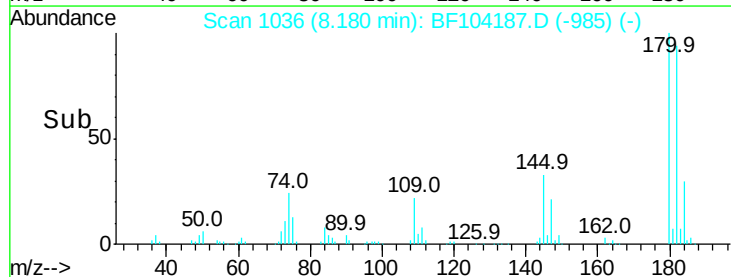
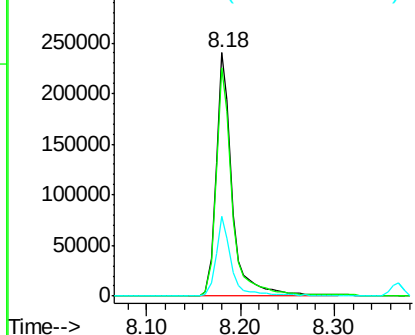


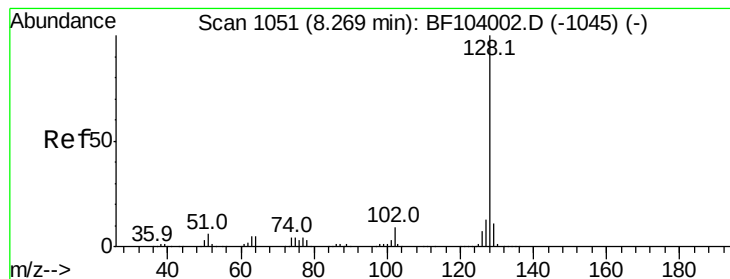
#30
 1,2,4-Trichlorobenzene
 Concen: 43.565 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.8	115.2
145	32.8	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: 48.313 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

Instrument :

BNA_F

ClientSampleId :

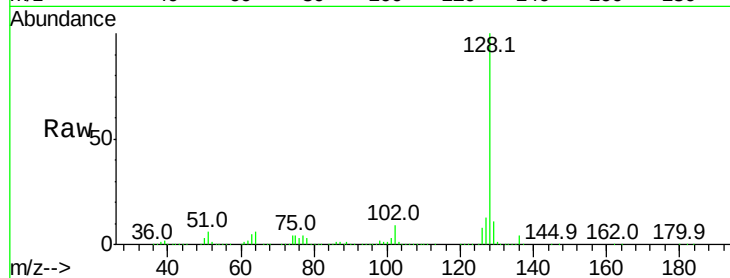
Tot Ion:128 Resp: 1026223

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

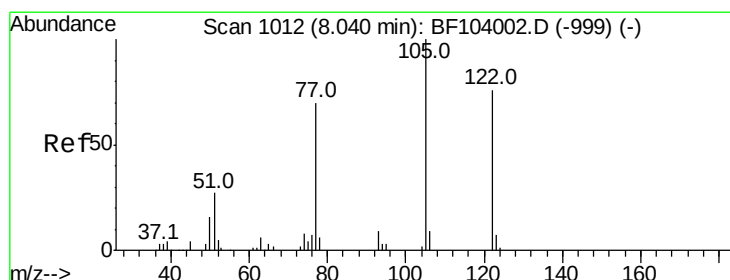
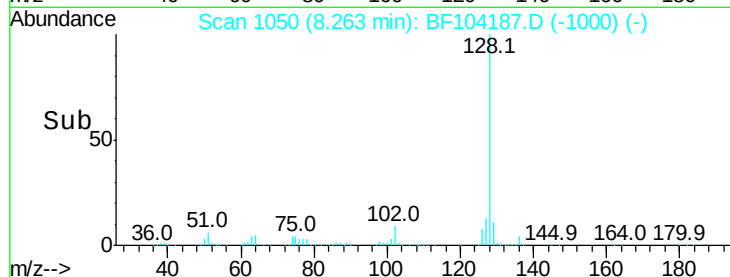
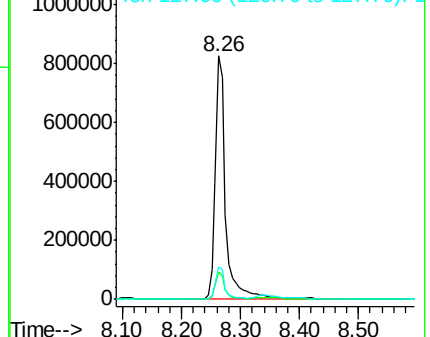
127 13.4 10.9 16.3



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: 9.928 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.04 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

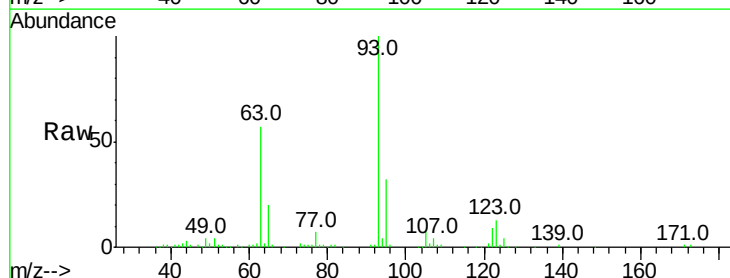
Tgt Ion:122 Resp: 40957

Ion Ratio Lower Upper

122 100

105 88.3 101.1 141.1#

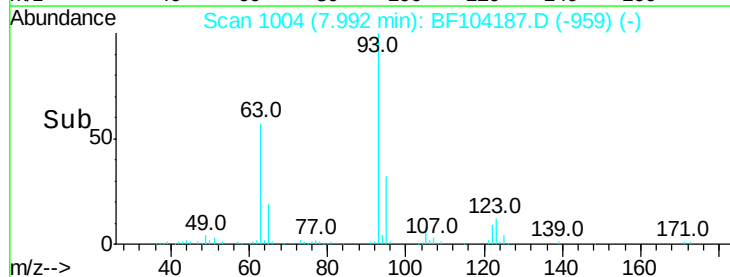
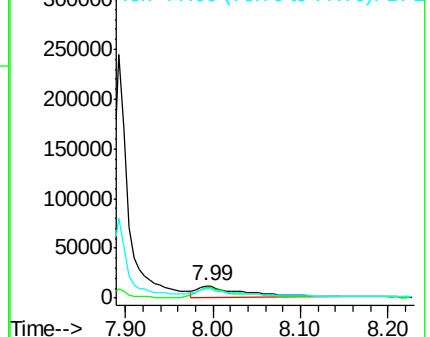
77 75.1 70.7 110.7

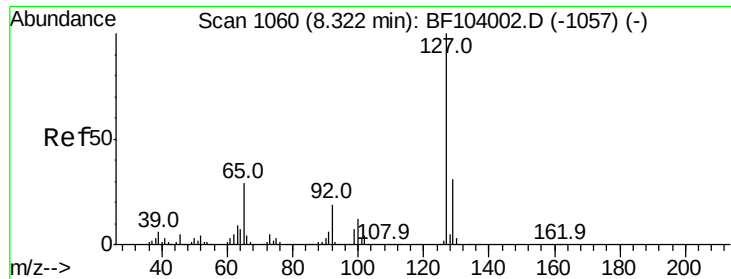


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

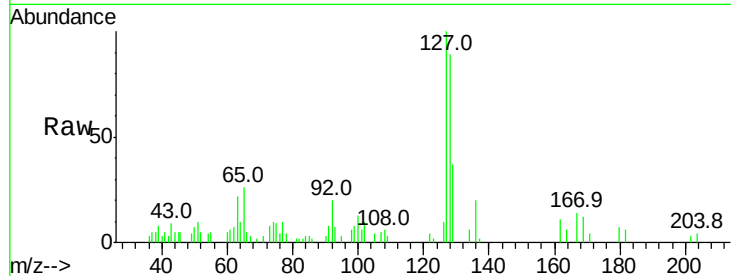




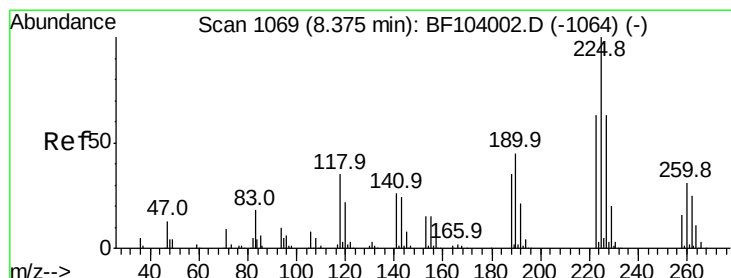
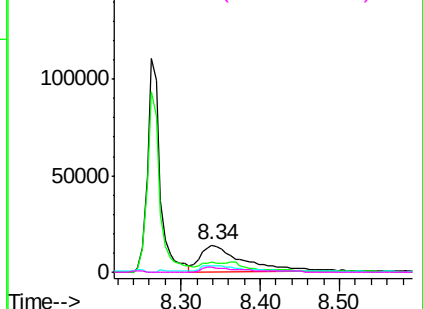
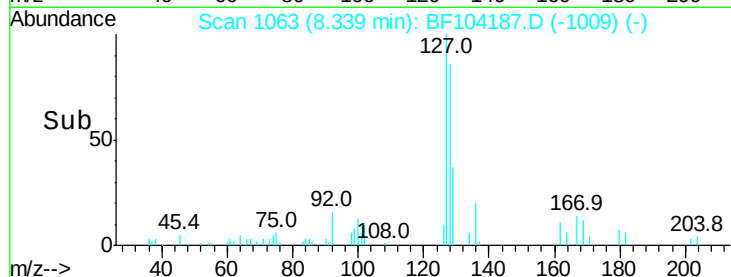
#33
4-Chloroaniline
Concen: 5.693 ng
RT: 8.34 min Scan# 1063
Delta R.T. 0.02 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 50980
Ion Ratio Lower Upper
127 100
129 37.1 25.9 38.9
65 25.6 25.0 37.4
92 19.6 15.2 22.8

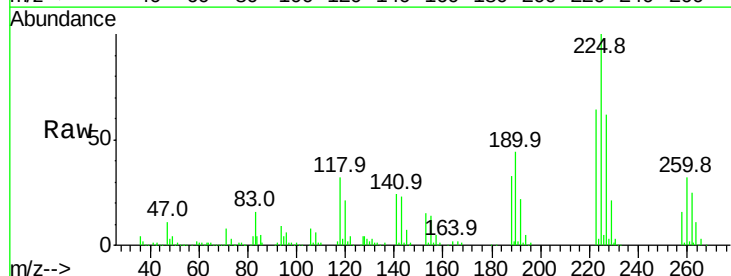


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

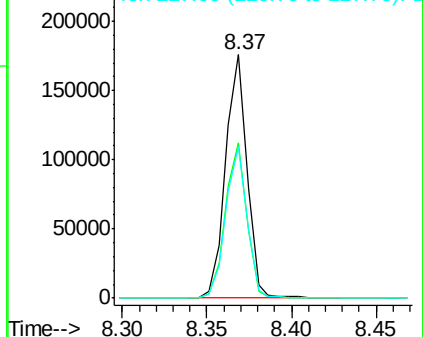
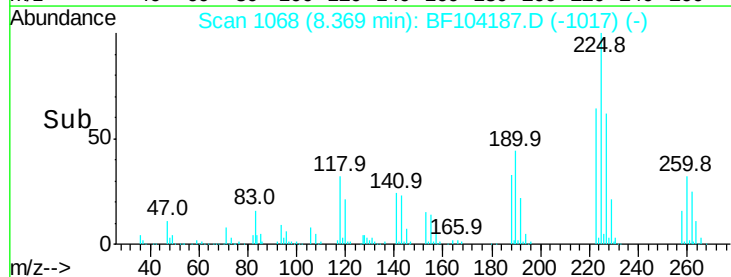


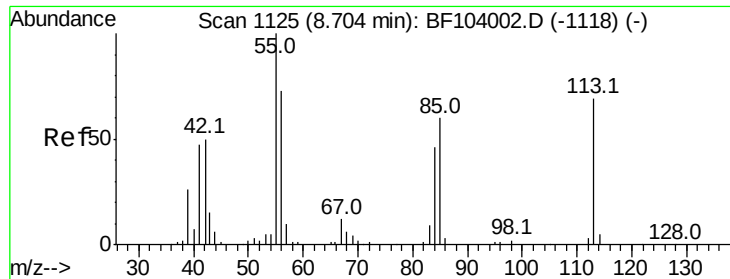
#34
Hexachlorobutadiene
Concen: 42.826 ng
RT: 8.37 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Tgt Ion:225 Resp: 155533
Ion Ratio Lower Upper
225 100
223 63.9 50.6 76.0
227 62.3 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

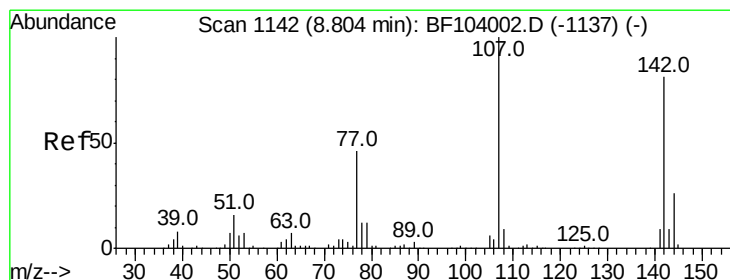
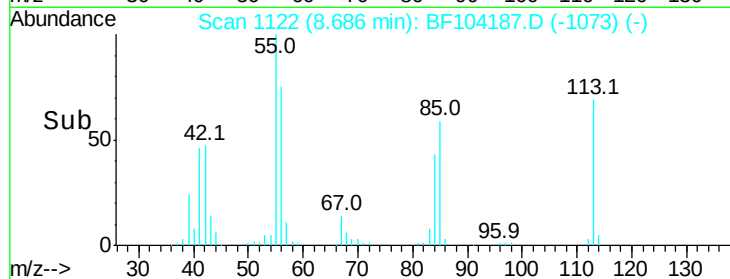
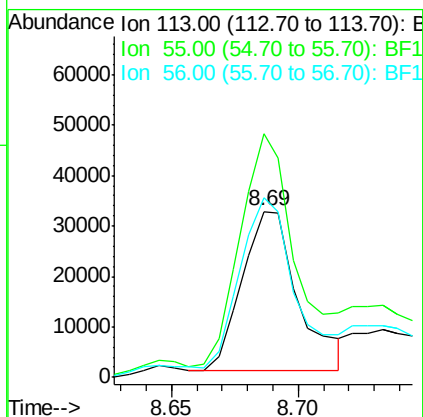
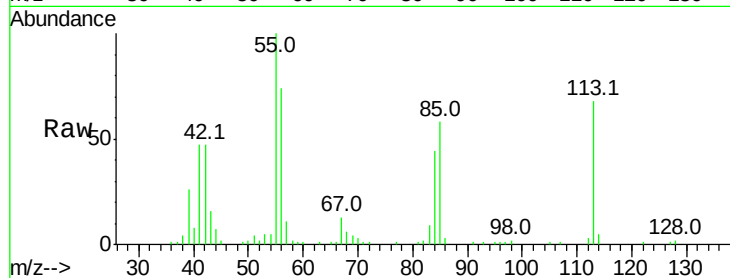




#35
 Caprolactam
 Concen: 26.163 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

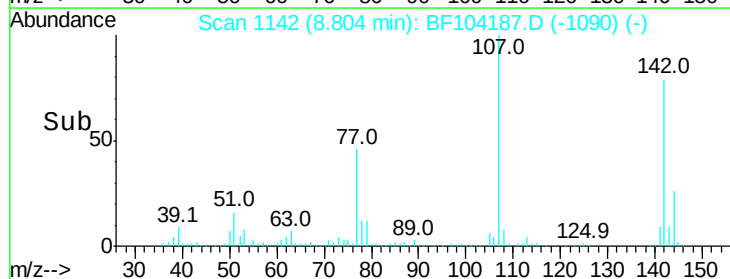
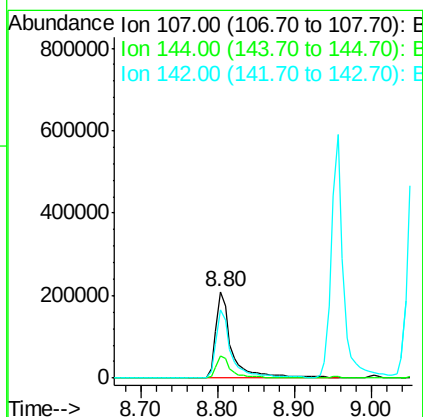
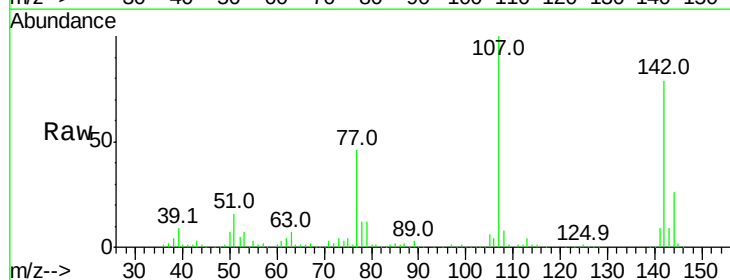
Instrument :
 BNA_F
 ClientSampleId :

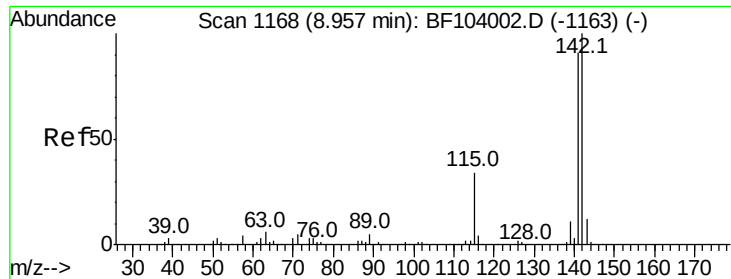
Tot Ion:113 Resp: 48796
 Ion Ratio Lower Upper
 113 100
 55 146.6 163.3 203.3#
 56 108.4 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 47.385 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Tgt Ion:107 Resp: 294811
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 79.1 62.0 93.0

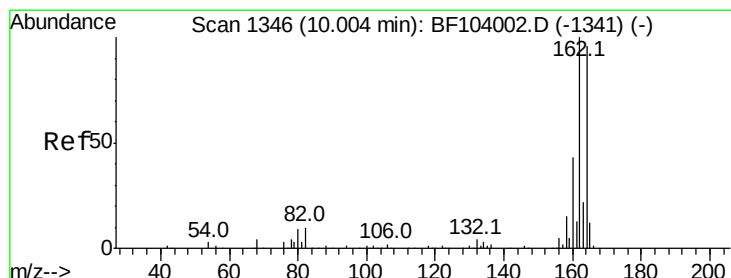
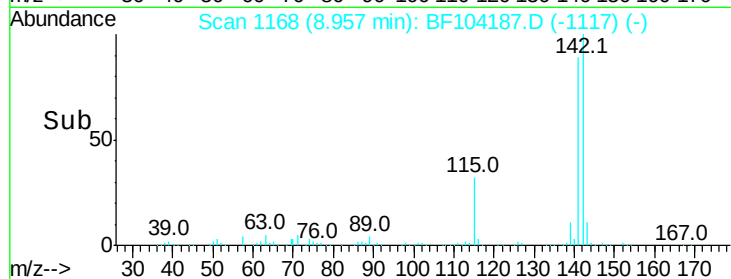
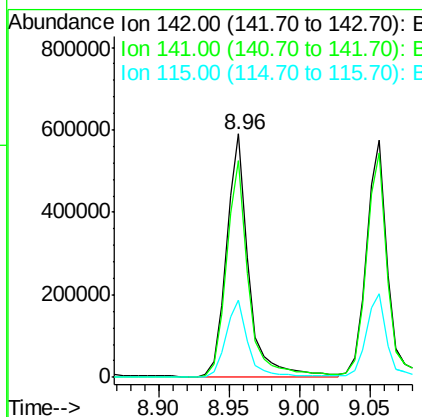
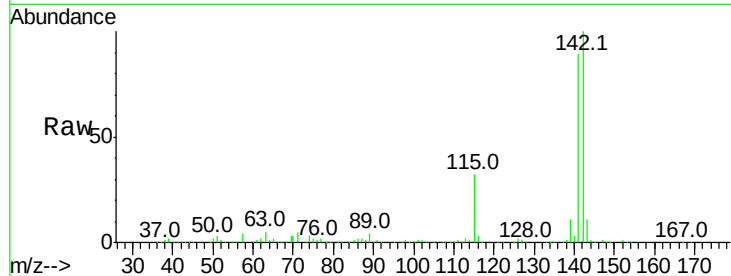




#37
 2-Methylnaphthalene
 Concen: 45.759 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

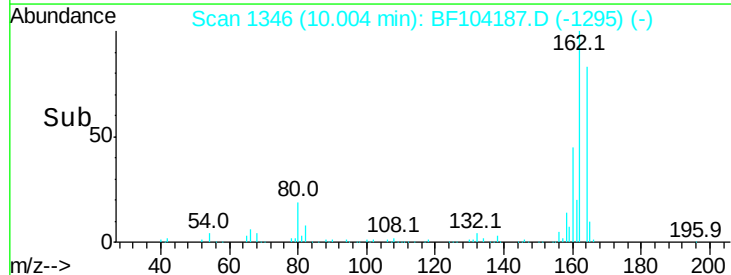
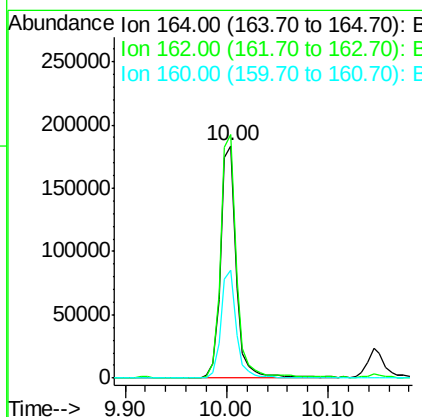
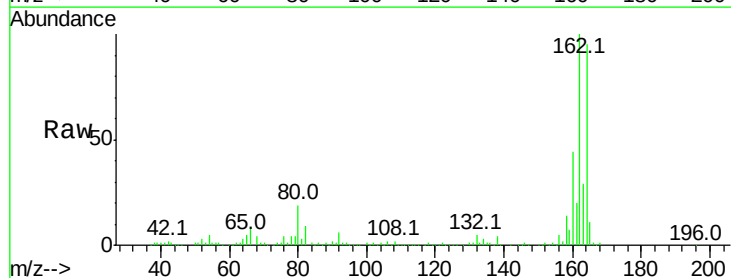
Instrument :
 BNA_F
 ClientSampleId :

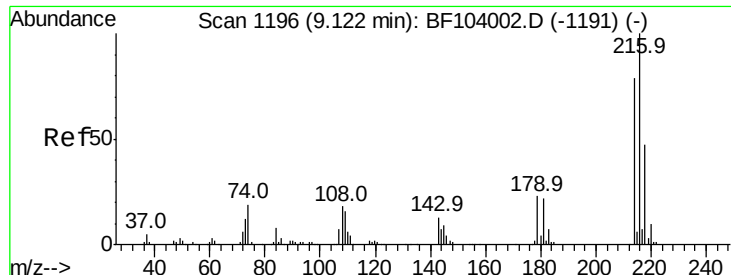
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	31.6	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	46.3	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.224 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 274742

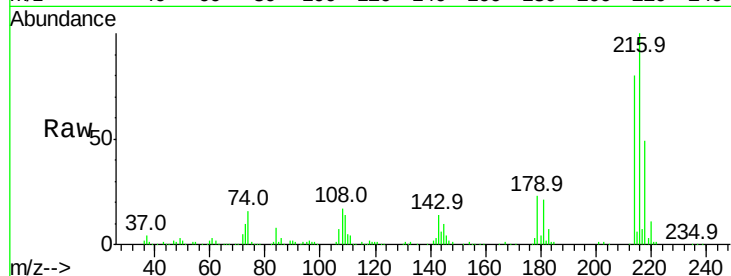
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 22.8 18.1 27.1

108 18.6 17.2 25.8

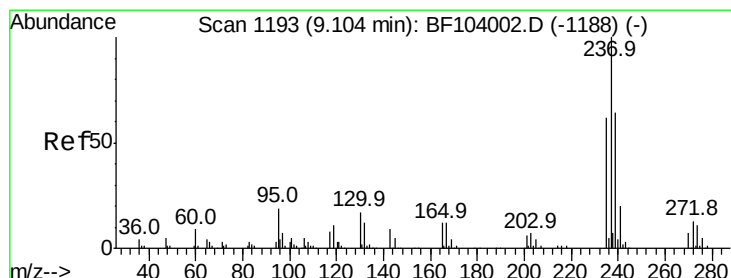
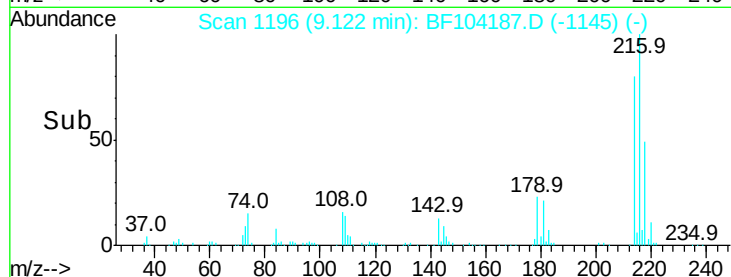
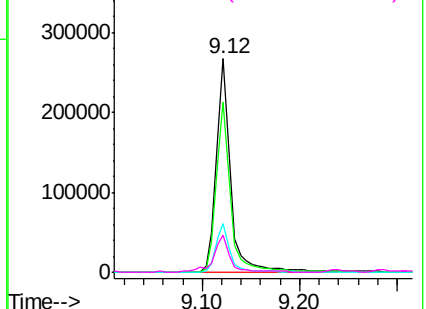


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 53.031 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

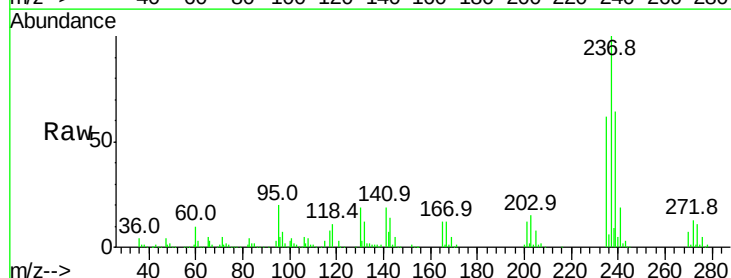
Tgt Ion:237 Resp: 146080

Ion Ratio Lower Upper

237 100

235 62.1 44.8 84.8

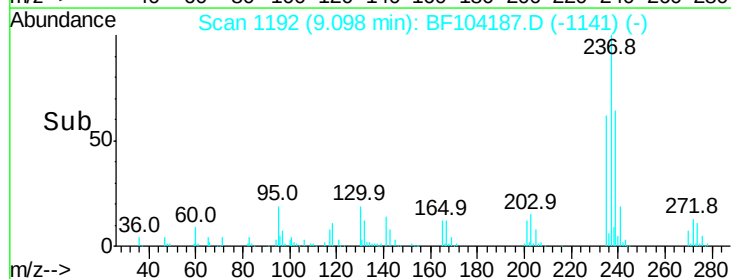
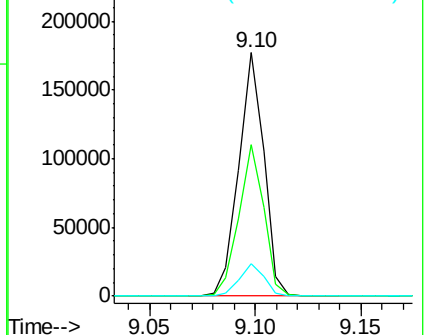
272 13.2 0.0 33.3

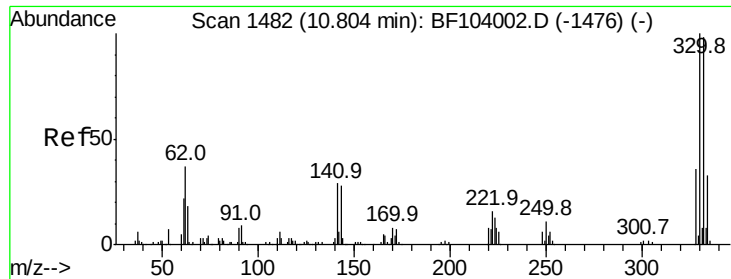


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

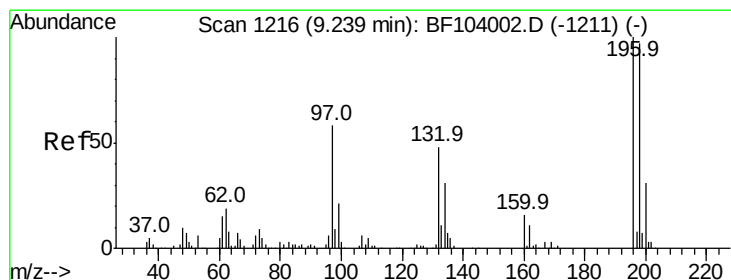
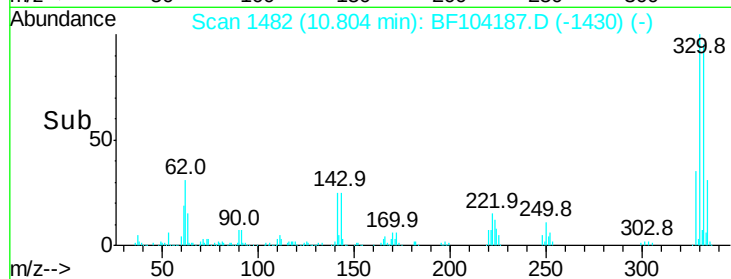
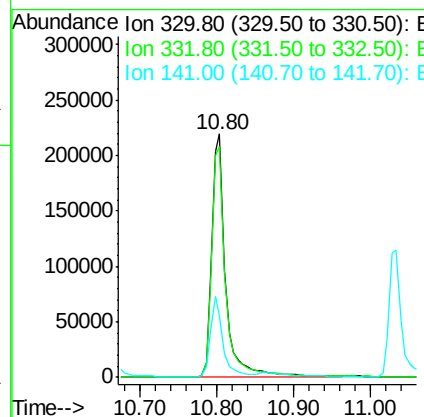
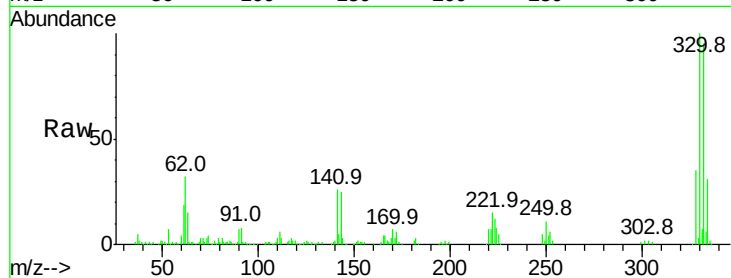




#41
 2,4,6-Tribromophenol
 Concen: 124.829 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

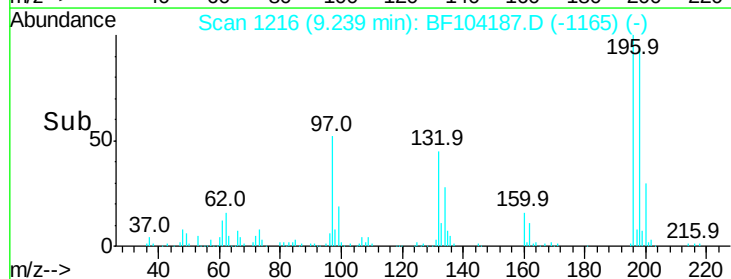
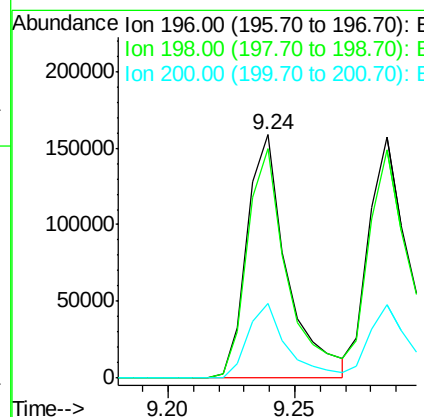
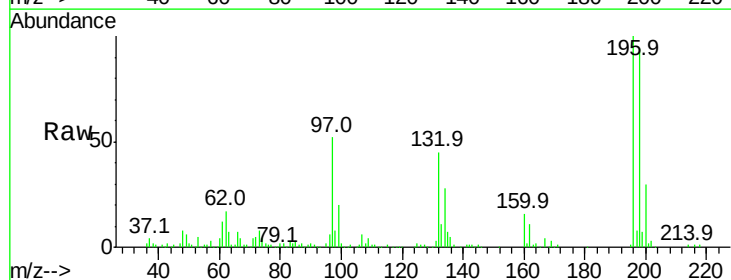
Instrument :
 BNA_F
 ClientSampled :

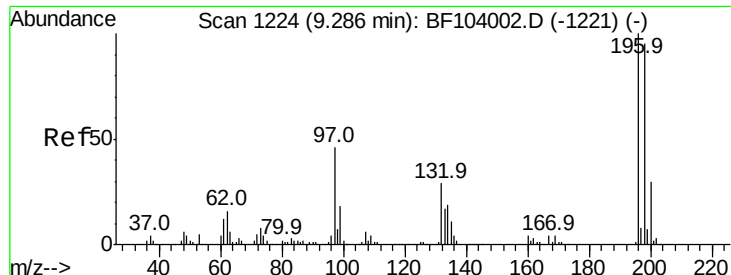
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	28.9	29.9	44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 45.470 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
200	30.4	24.5	36.7

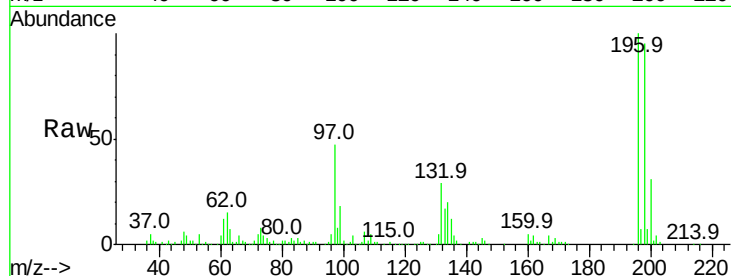




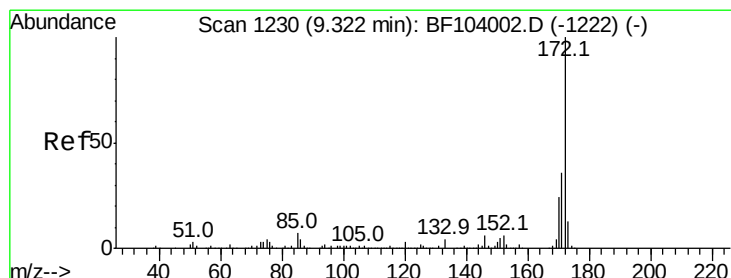
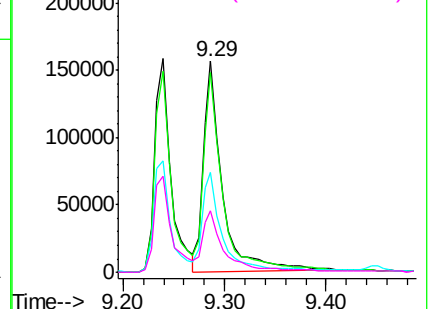
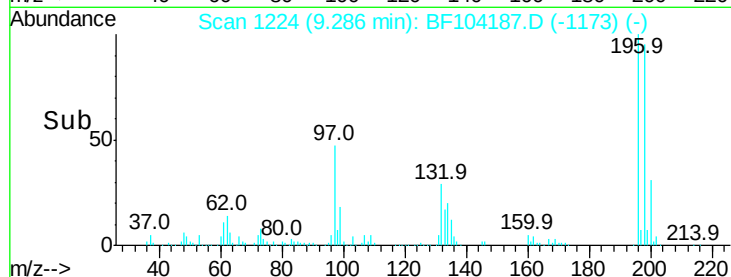
#43
 2,4,5-Trichlorophenol
 Concen: 43.575 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 202399
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.6 112.0
 97 47.3 42.9 64.3
 132 29.2 26.3 39.5

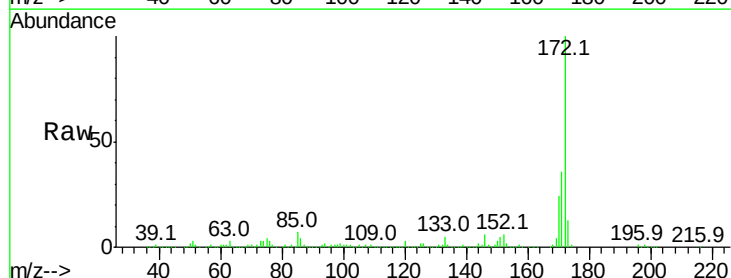


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

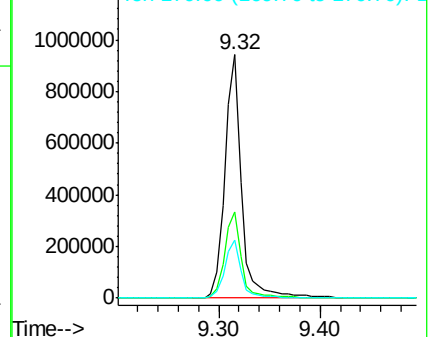
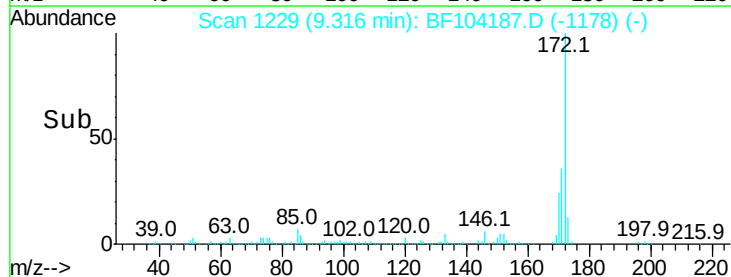


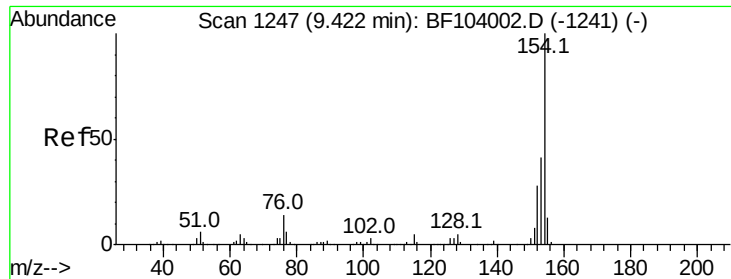
#44
 2-Fluorobiphenyl
 Concen: 85.580 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Tgt Ion:172 Resp: 1075156
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.7 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

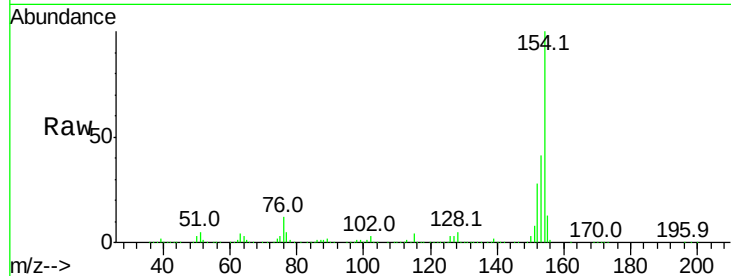




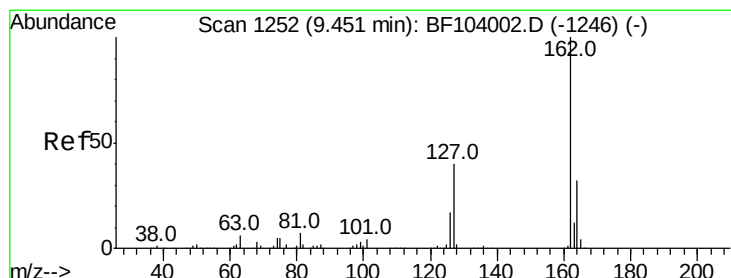
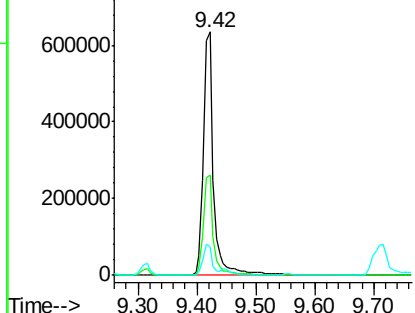
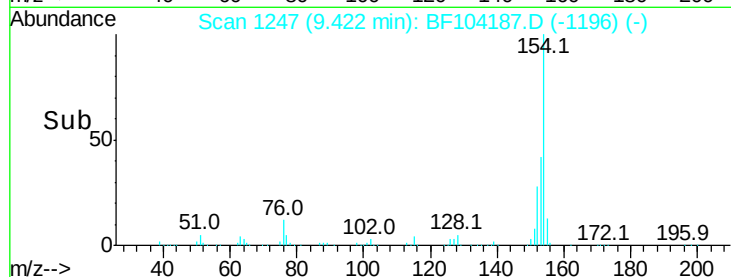
#45
 1,1'-Biphenyl
 Concen: 44.738 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	11.8	0.0	34.0

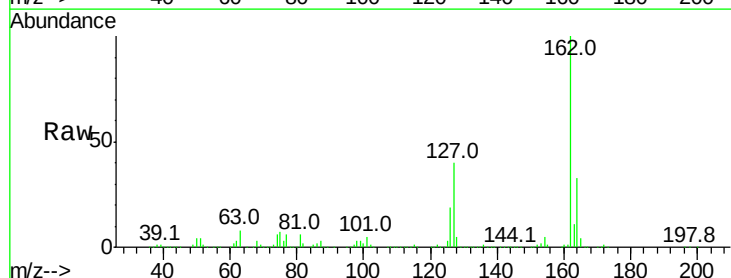


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

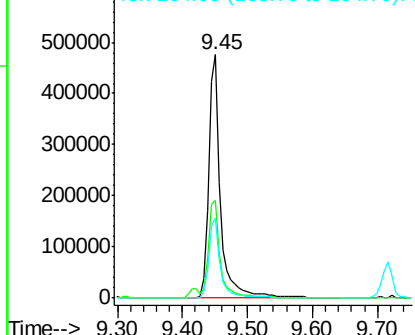
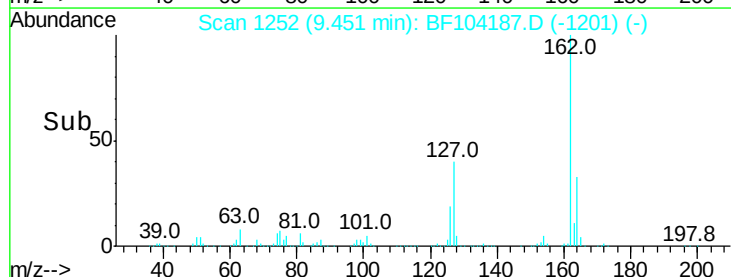


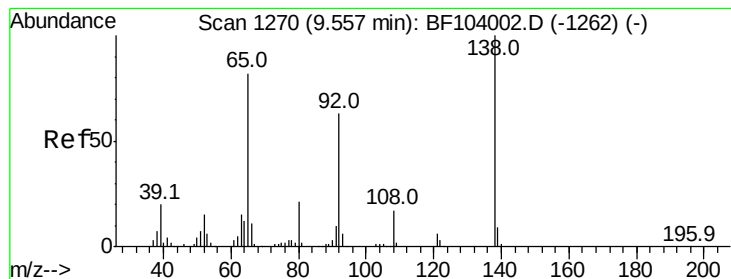
#46
 2-Chloronaphthalene
 Concen: 44.583 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	33.9	50.9
164	32.8	26.5	39.7



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





#47

2-Nitroaniline

Concen: 43.650 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

Instrument :

BNA_F

ClientSampleId :

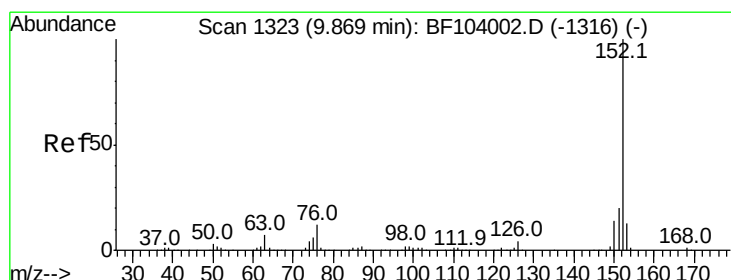
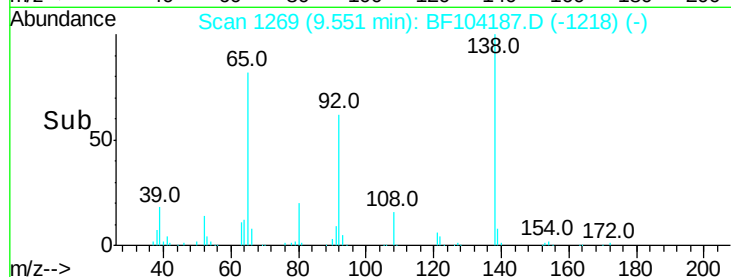
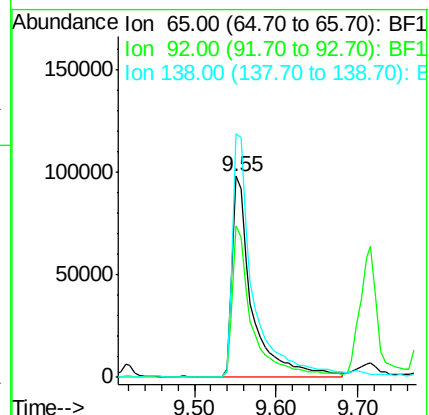
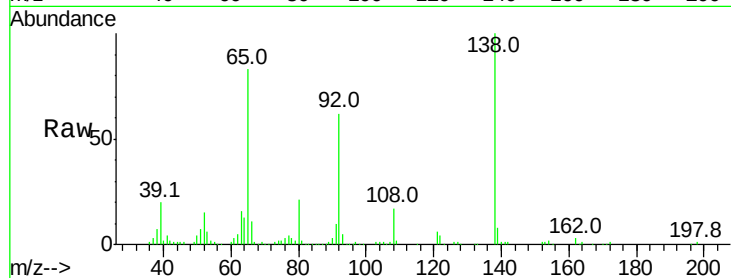
Tot Ion: 65 Resp: 166939

Ion Ratio Lower Upper

65 100

92 75.2 55.8 83.6

138 121.1 91.2 136.8



#48

Acenaphthylene

Concen: 42.871 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

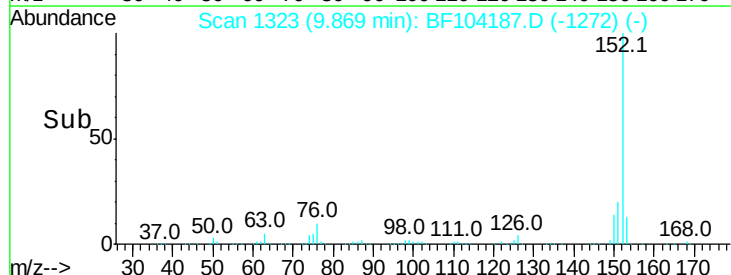
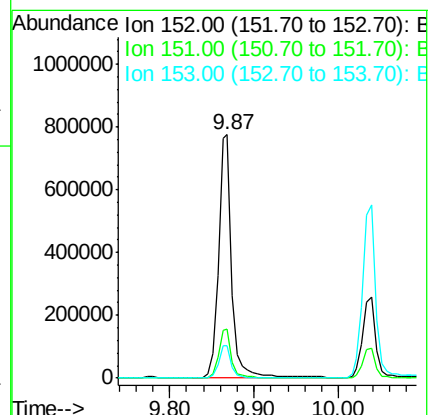
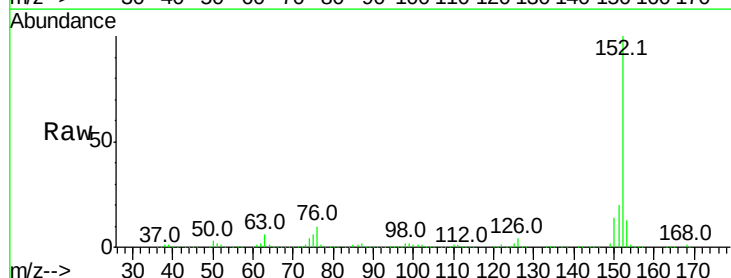
Tgt Ion: 152 Resp: 871107

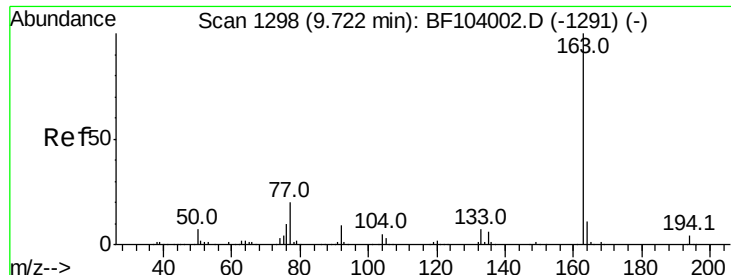
Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.2 10.7 16.1

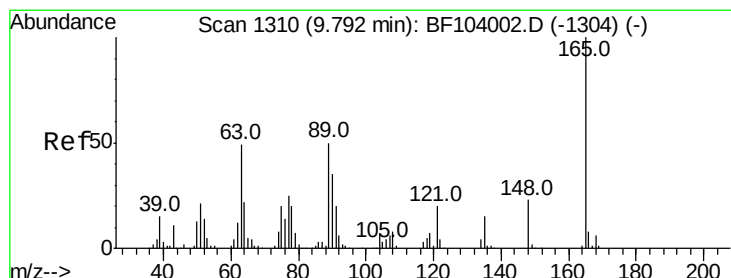
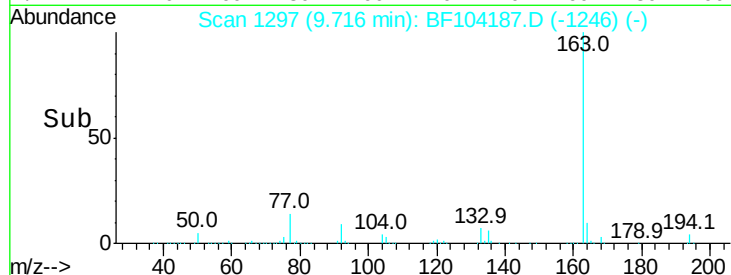
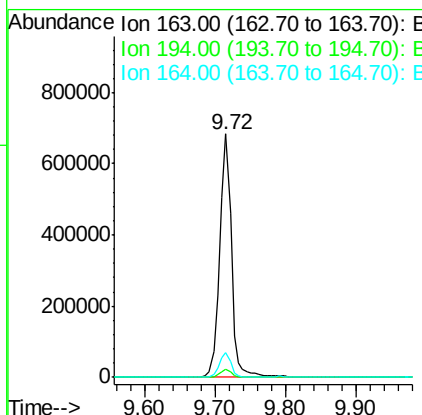
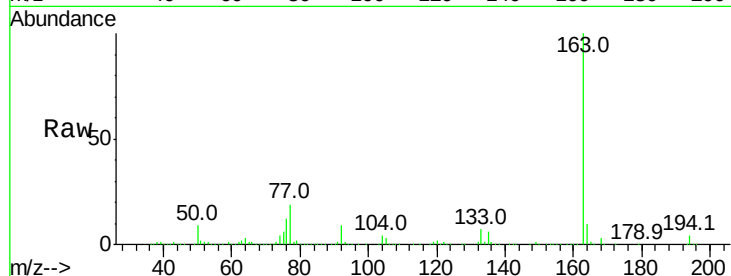




#49
Dimethylphthalate
Concen: 50.928 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

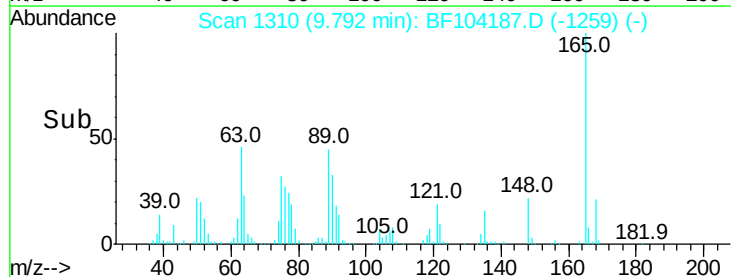
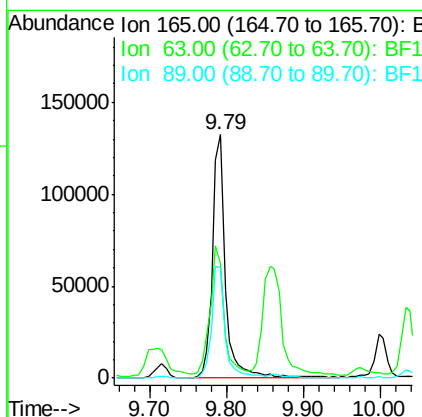
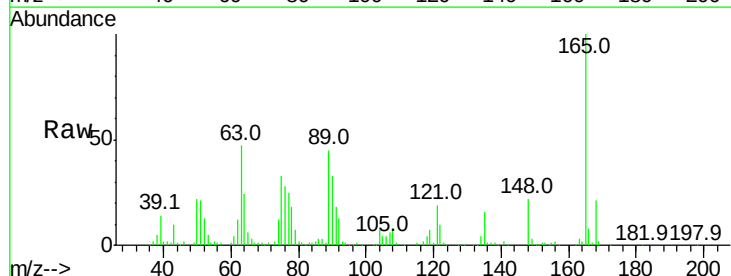
Instrument :
BNA_F
ClientSampled :

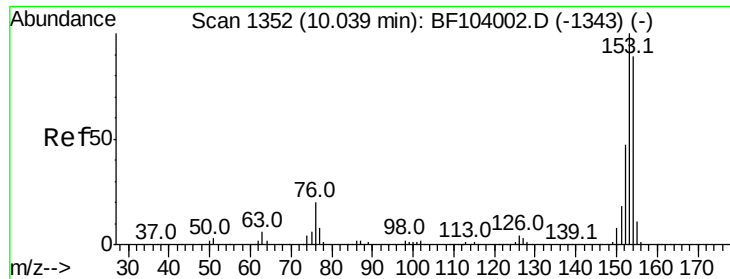
Tot Ion:163 Resp: 796589
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 45.772 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Tgt Ion:165 Resp: 154029
Ion Ratio Lower Upper
165 100
63 47.0 44.7 67.1
89 45.1 44.0 66.0





#51

Acenaphthene

Concen: 43.617 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

Instrument :

BNA_F

ClientSampleId :

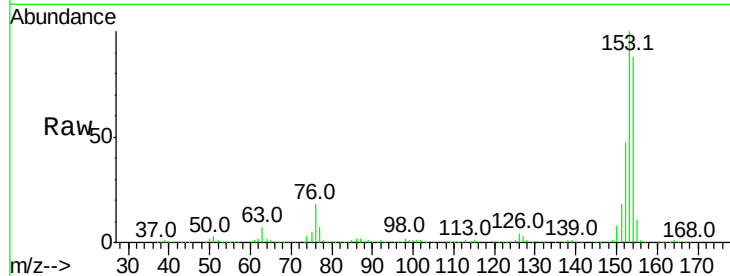
Tot Ion:154 Resp: 512701

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

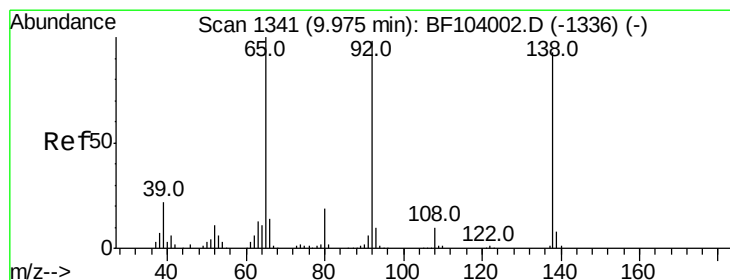
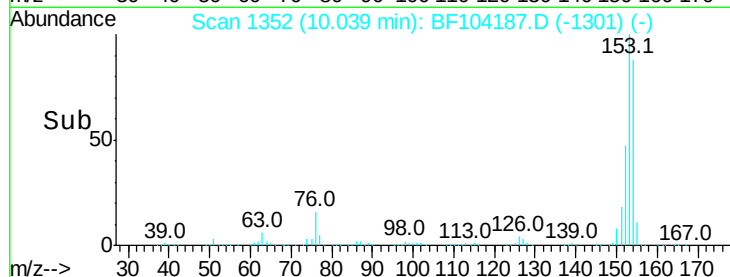
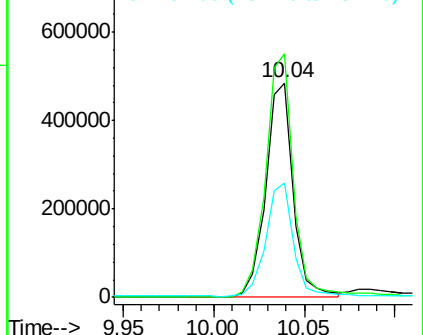
152 53.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.331 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

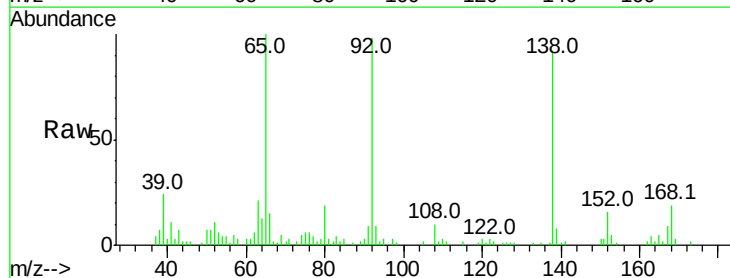
Tgt Ion:138 Resp: 63173

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

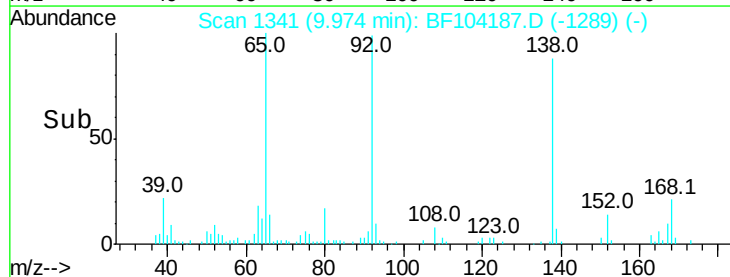
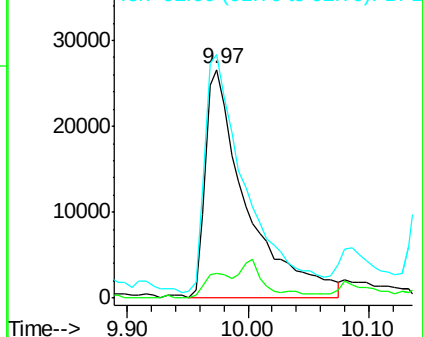
92 106.4 89.4 134.2

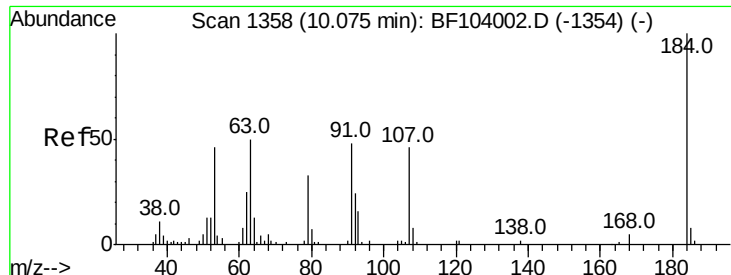


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 28.132 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.02 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

Instrument :

BNA_F

ClientSampleId :

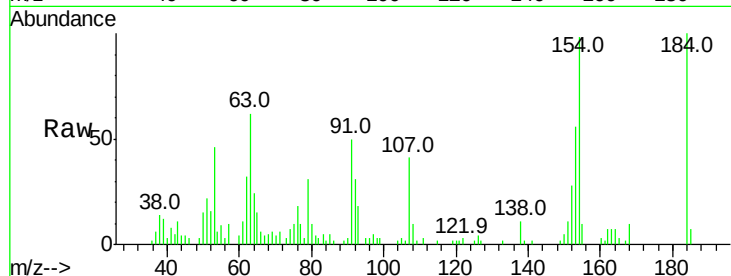
Tot Ion:184 Resp: 35623

Ion Ratio Lower Upper

184 100

63 62.4 54.2 81.2

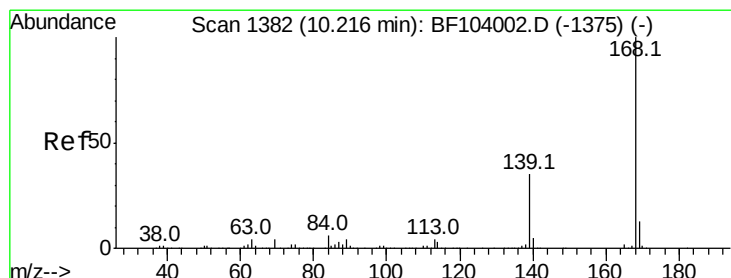
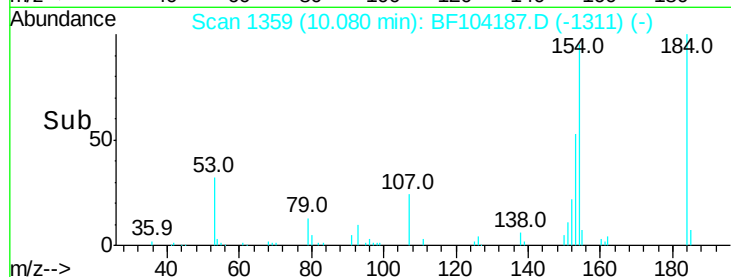
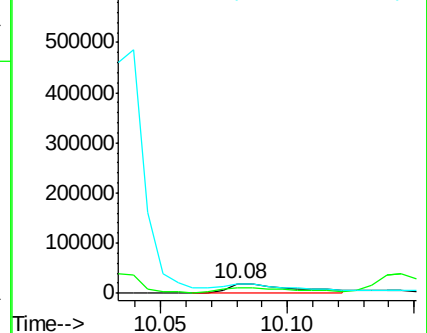
154 97.9 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 44.973 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

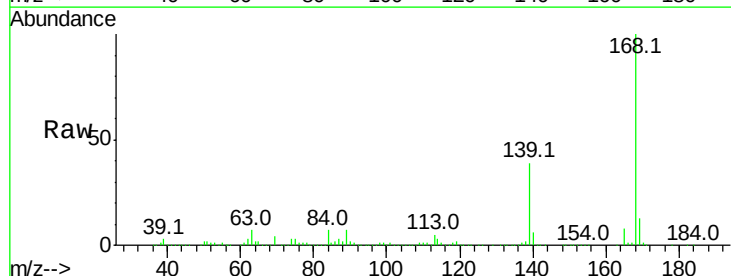
Tgt Ion:168 Resp: 771964

Ion Ratio Lower Upper

168 100

139 39.3 30.1 45.1

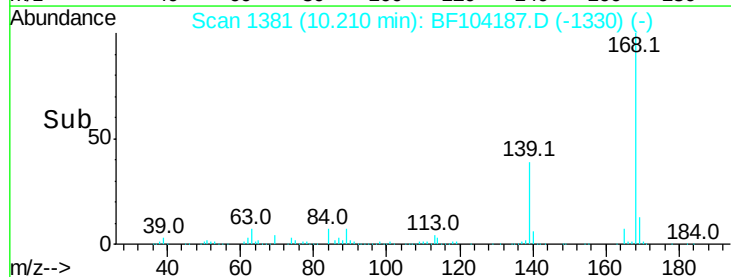
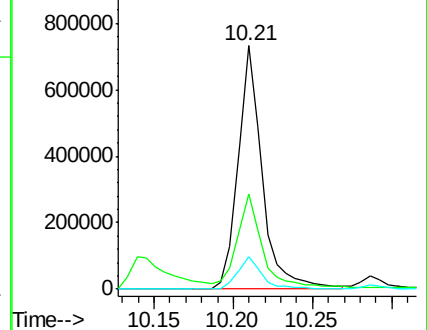
169 13.3 10.9 16.3

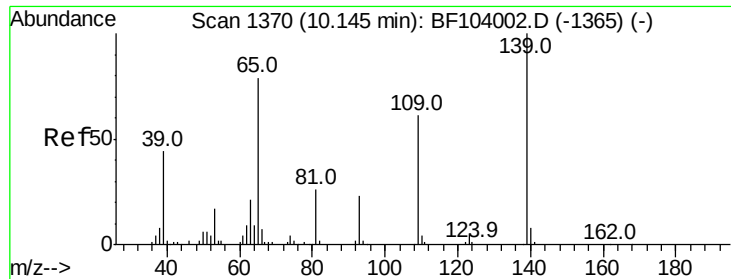


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

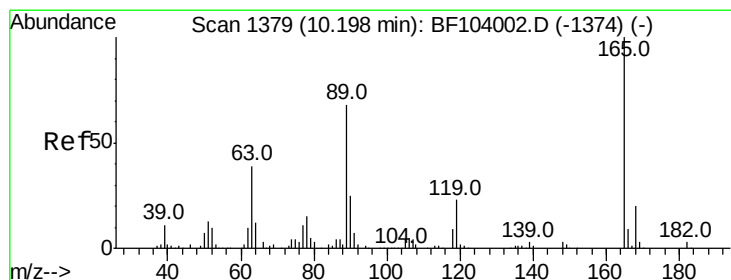
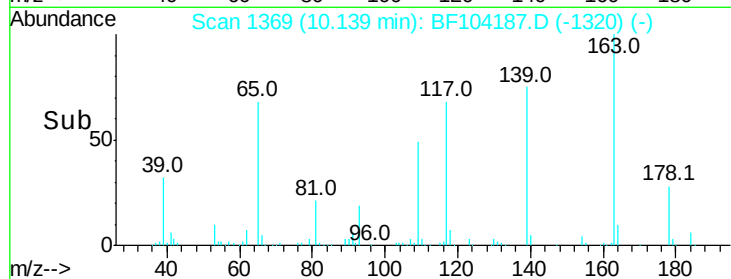
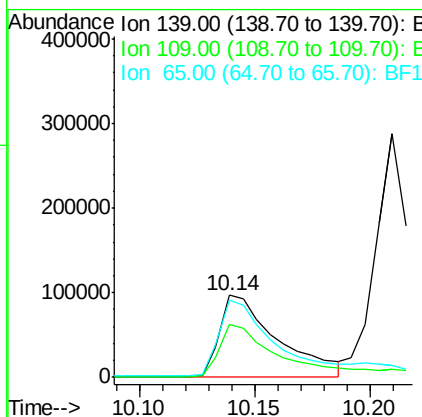
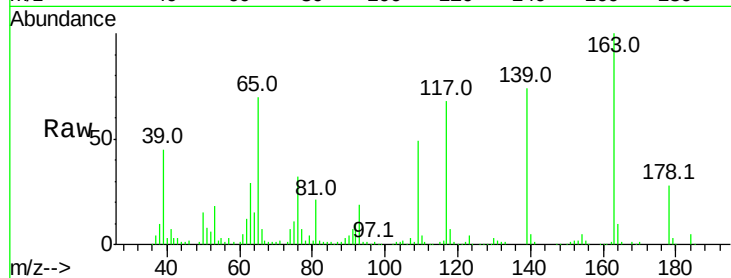




#55
4-Nitrophenol
Concen: 73.291 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

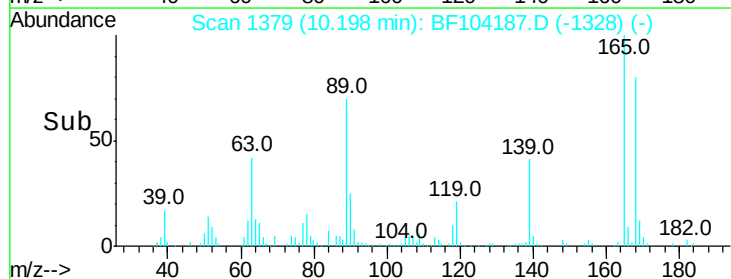
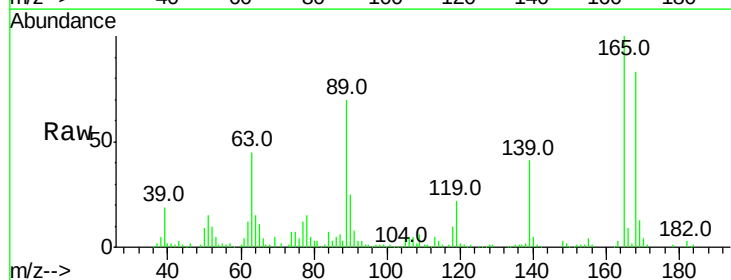
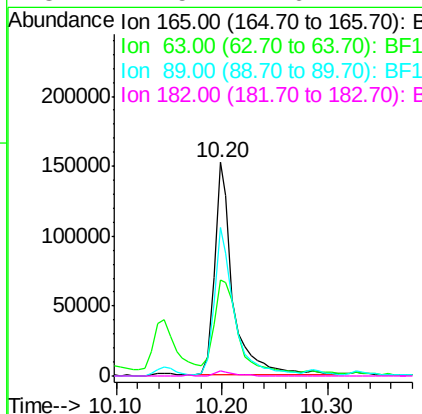
Instrument :
BNA_F
ClientSampled :

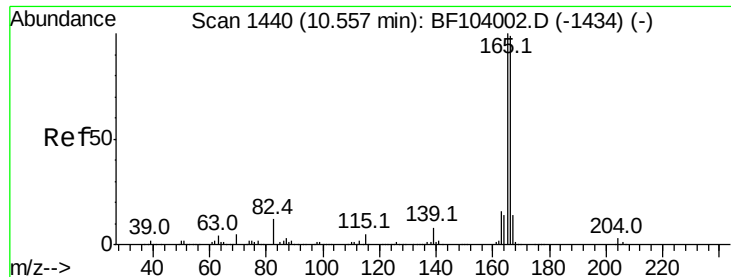
Tot Ion	Ratio	Lower	Upper
139	100		
109	65.4	48.4	88.4
65	94.3	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 44.361 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.7	36.4	54.6
89	69.8	57.8	86.6
182	2.5	1.6	2.4#

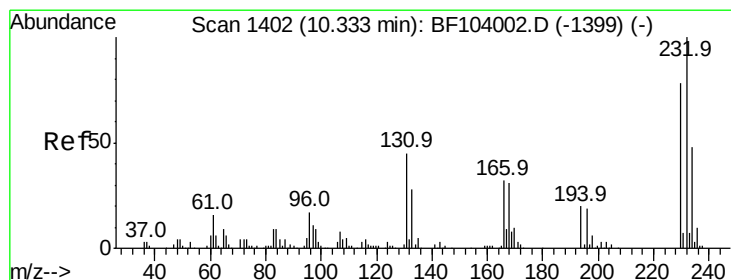
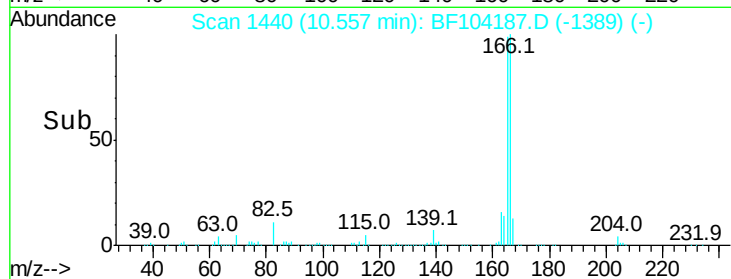
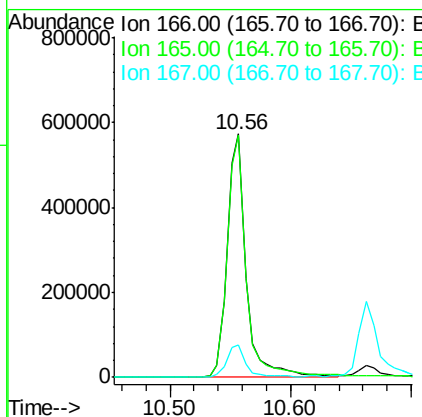
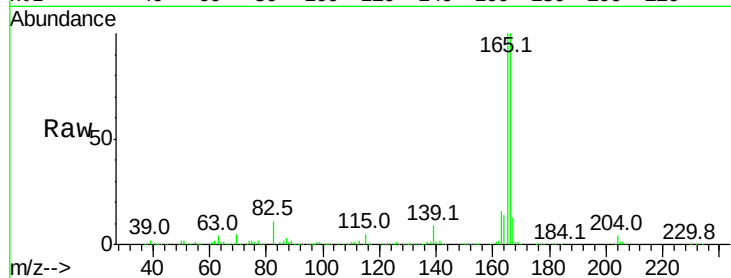




#57
 Fluorene
 Concen: 44.197 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

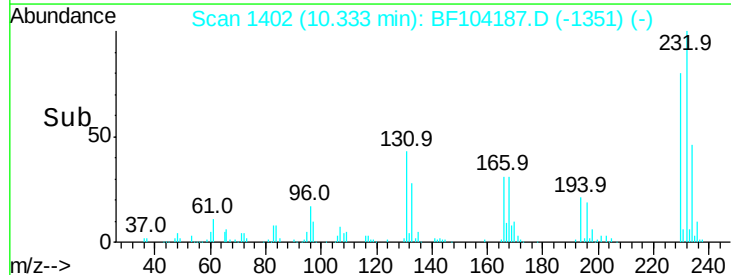
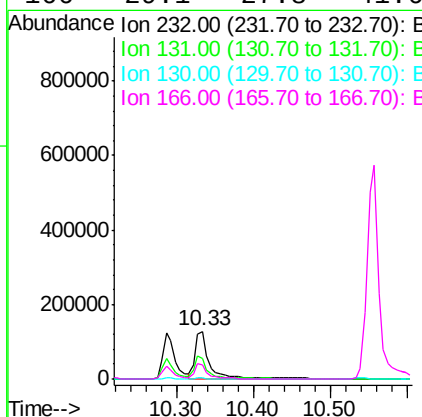
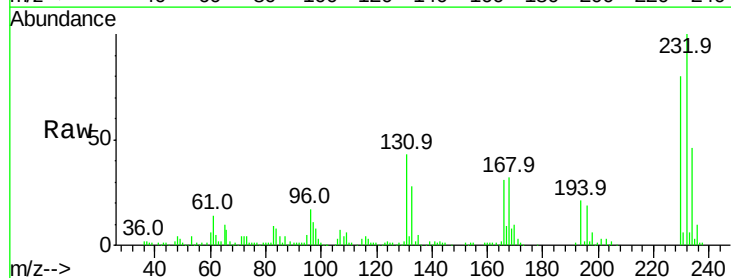
Instrument :
 BNA_F
 ClientSampleId :

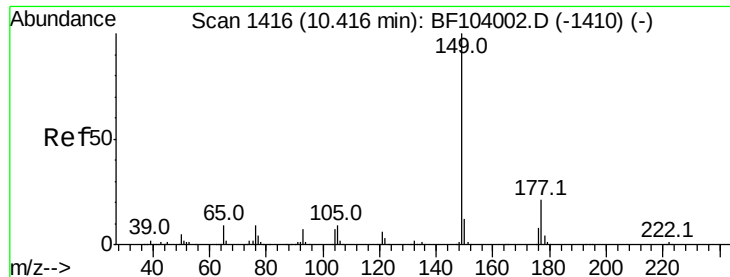
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	13.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.855 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.6	43.8	65.8#
130	2.4	2.1	3.1
166	29.1	27.8	41.6

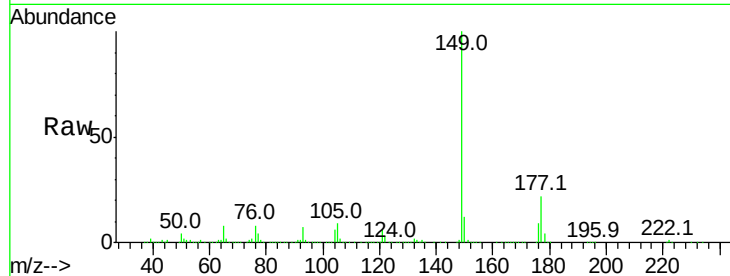




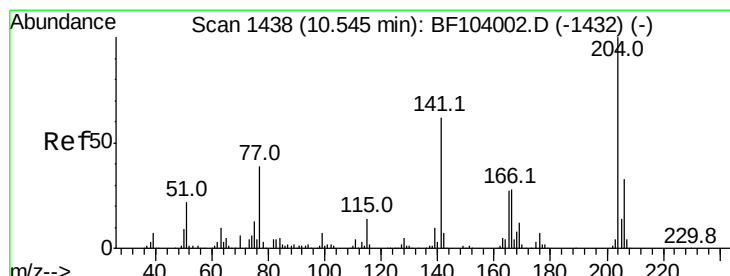
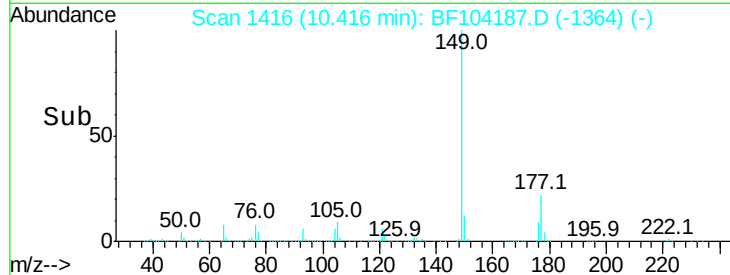
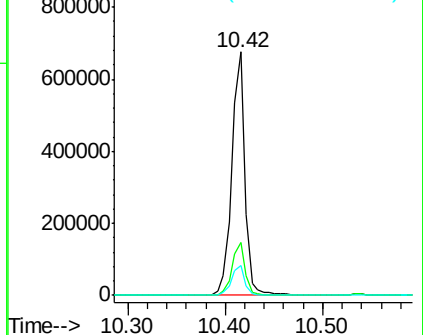
#59
Diethylphthalate
Concen: 42.577 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.2	10.1	15.1

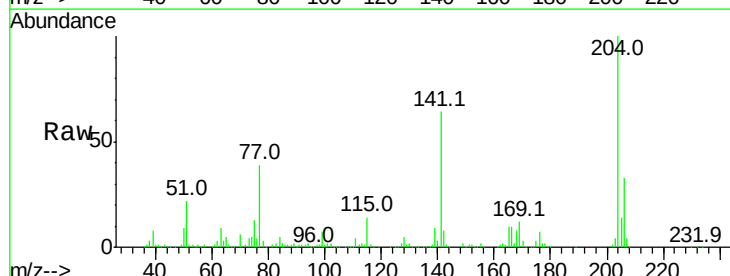


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

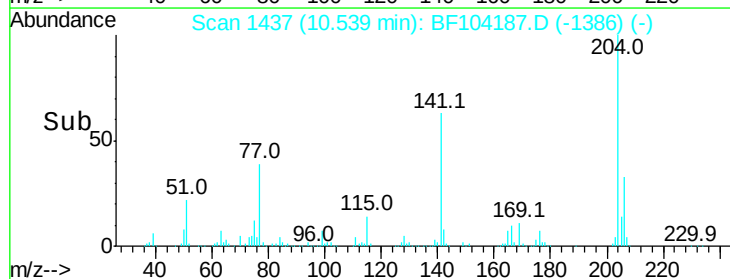
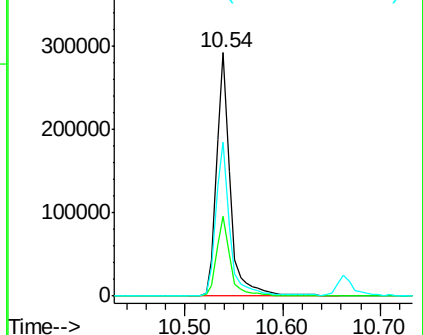


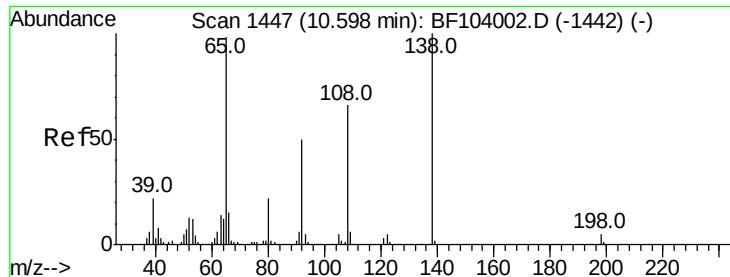
#60
4-Chlorophenyl-phenylether
Concen: 44.172 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	63.5	54.6	81.8



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

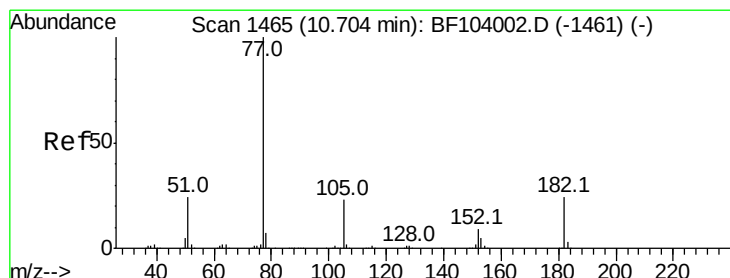
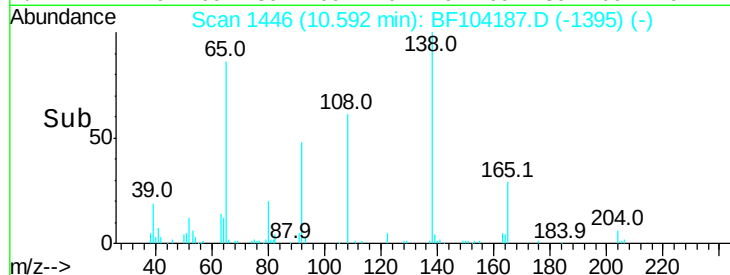
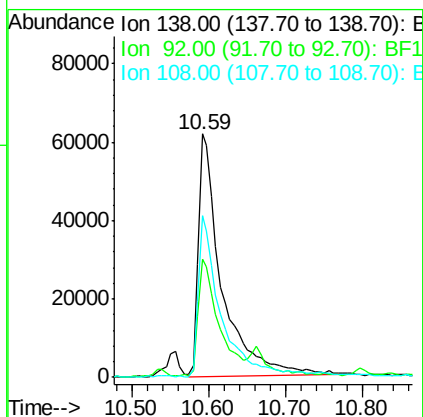
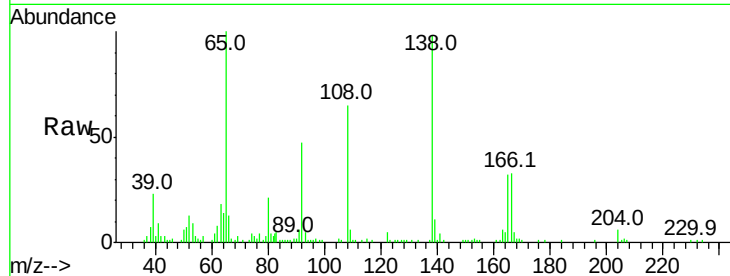




#61
4-Nitroaniline
Concen: 35.769 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

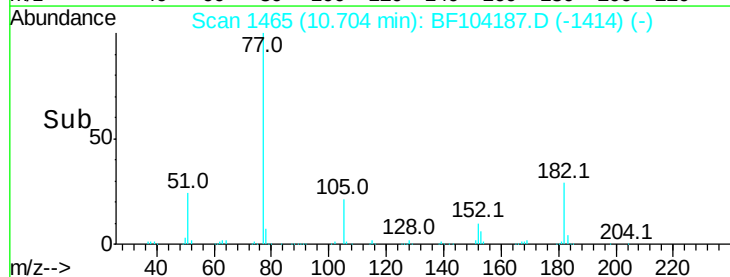
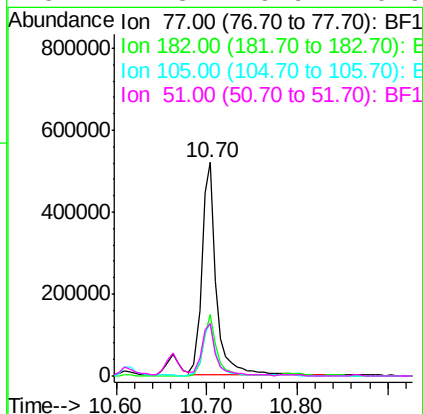
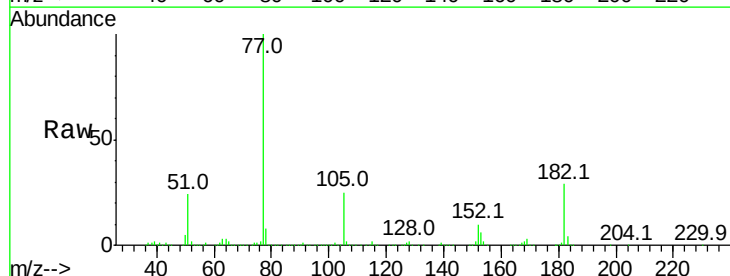
Instrument :
BNA_F
ClientSampleId :

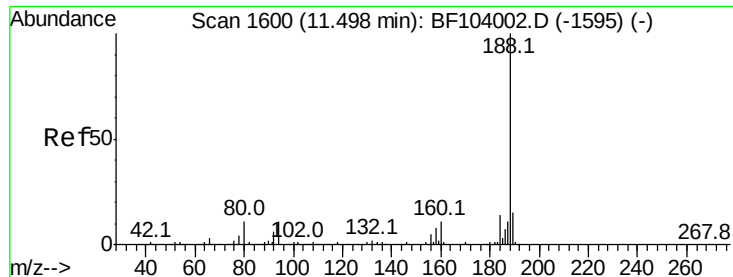
Tot Ion:138 Resp: 129471
Ion Ratio Lower Upper
138 100
92 48.6 30.2 70.2
108 66.7 52.5 92.5



#62
Azobenzene
Concen: 42.383 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Tgt Ion: 77 Resp: 574261
Ion Ratio Lower Upper
77 100
182 28.6 1.7 41.7
105 24.7 3.0 43.0
51 24.3 9.9 49.9

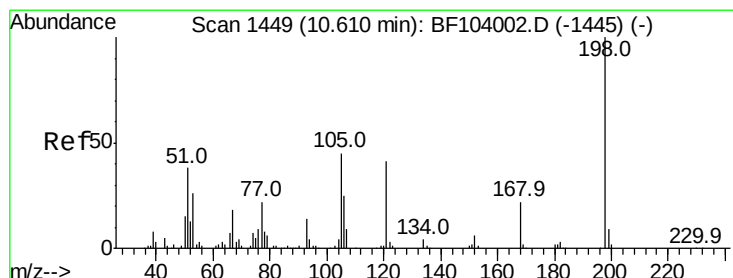
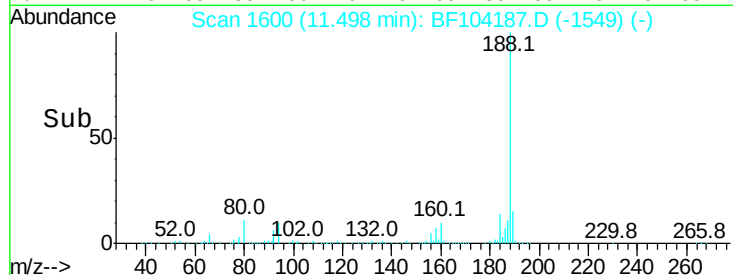
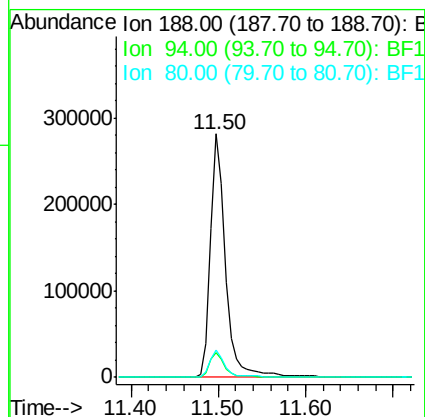
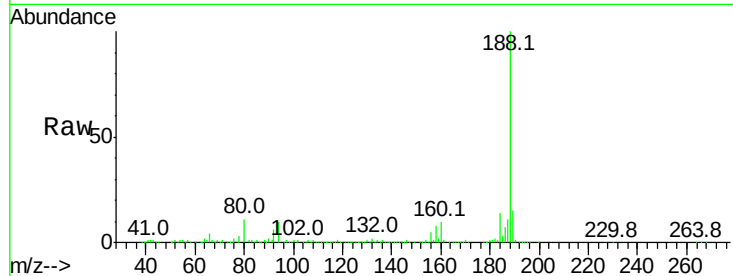




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

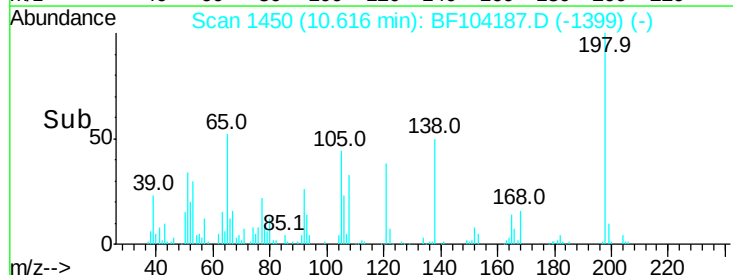
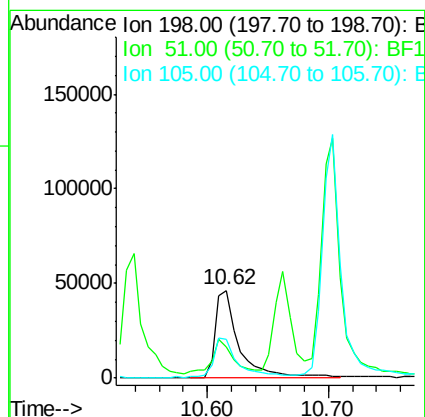
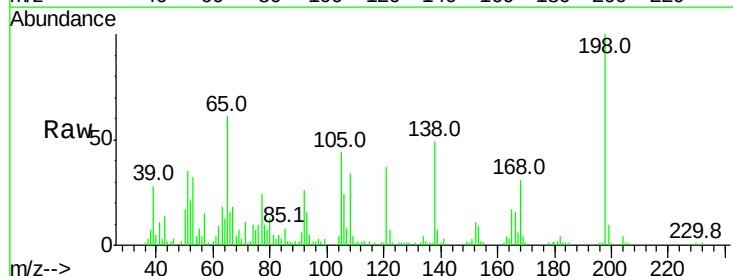
Instrument :
BNA_F
ClientSampleId :

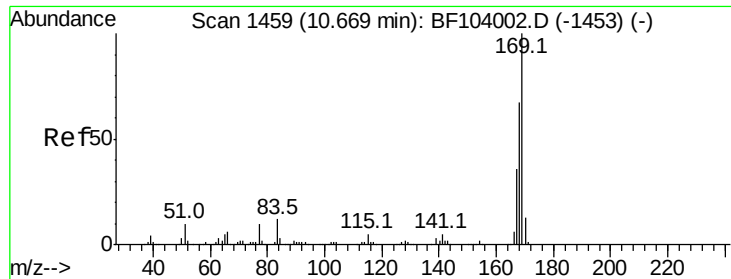
Tot Ion:188 Resp: 342012
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 30.429 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Tgt Ion:198 Resp: 62997
Ion Ratio Lower Upper
198 100
51 35.3 37.7 77.7#
105 44.0 36.3 76.3

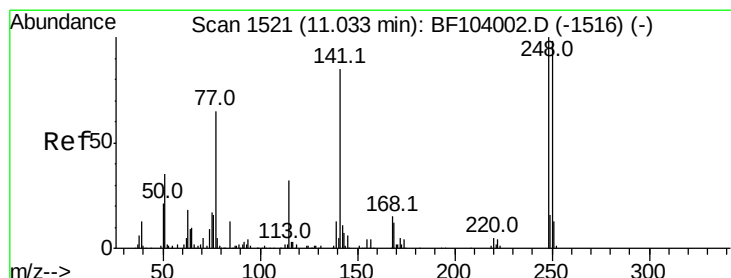
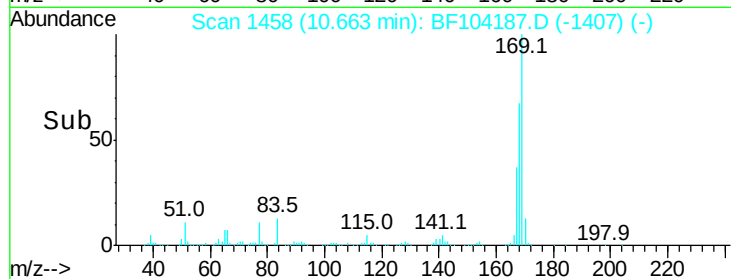
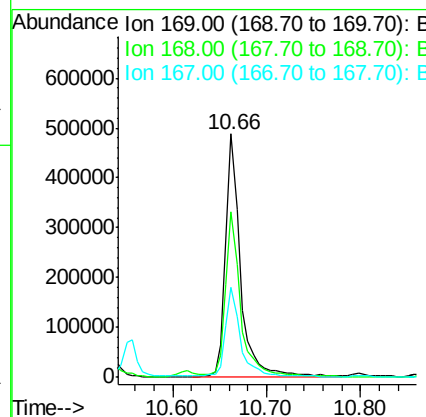
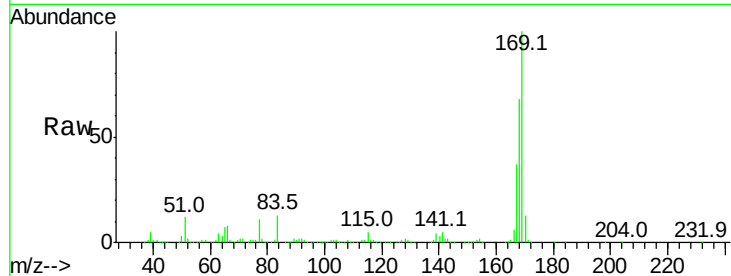




#65
 n-Nitrosodiphenylamine
 Concen: 46.703 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

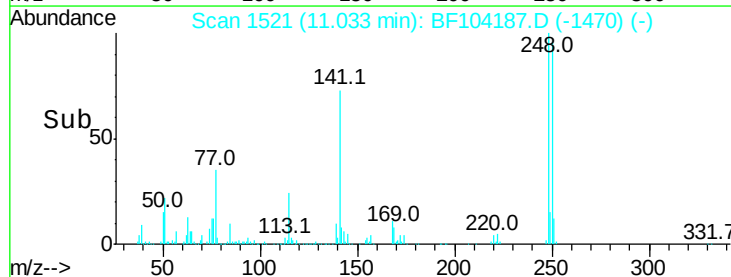
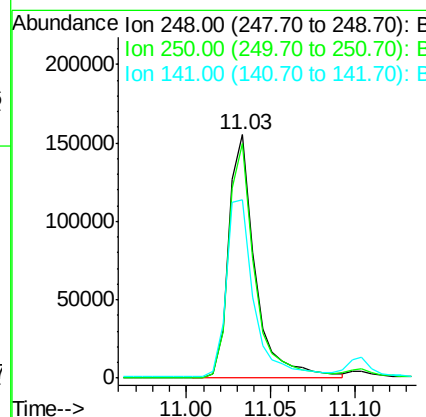
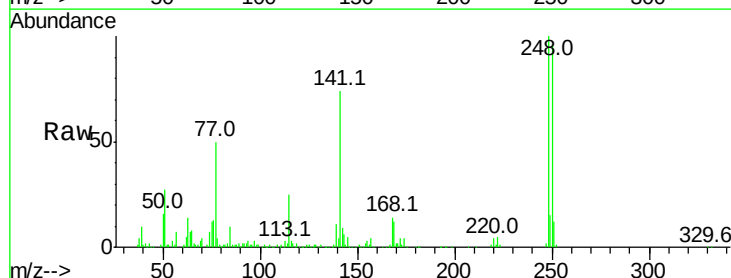
Instrument :
 BNA_F
 ClientSampleId :

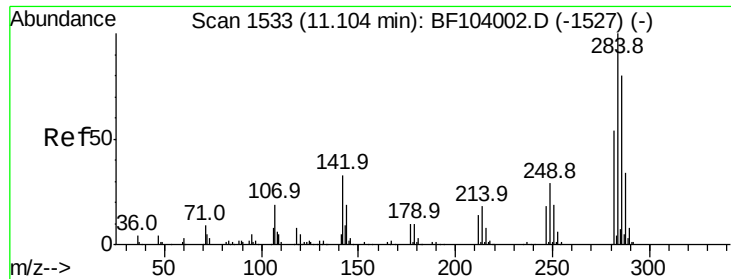
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.4	81.6
167	36.9	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.560 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.9	115.3
141	73.5	74.4	111.6

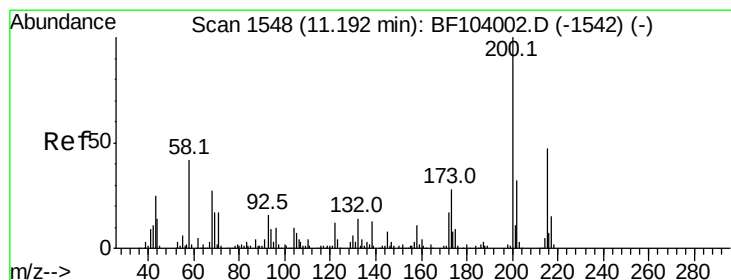
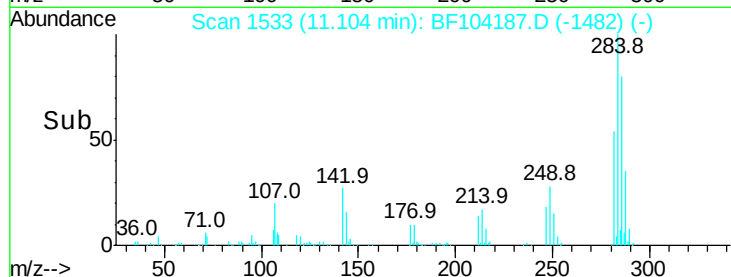
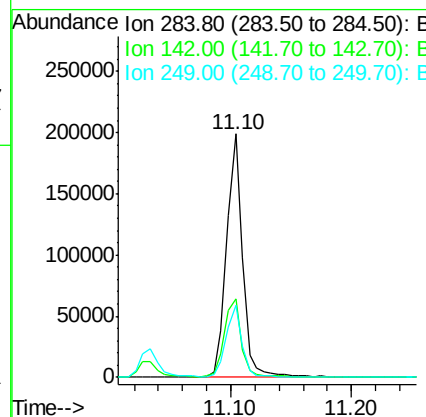
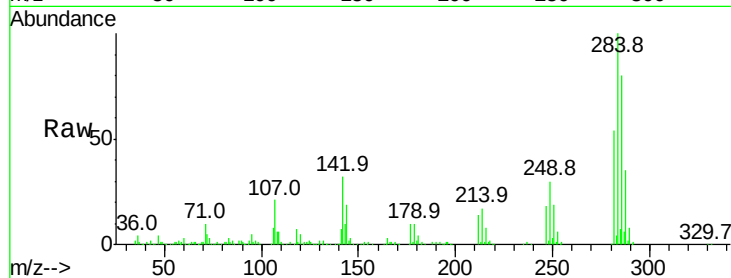




#67
Hexachlorobenzene
Concen: 43.329 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

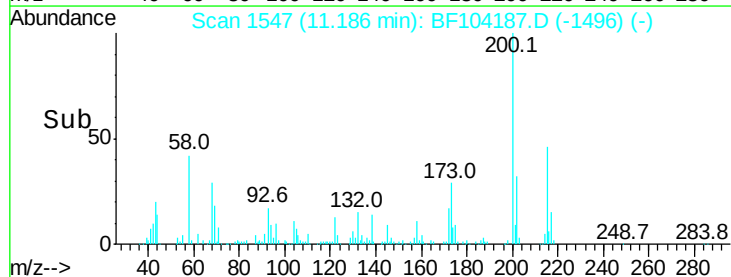
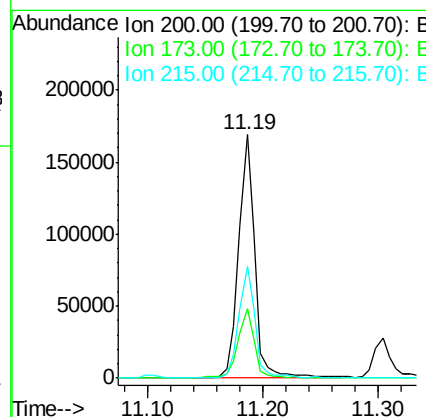
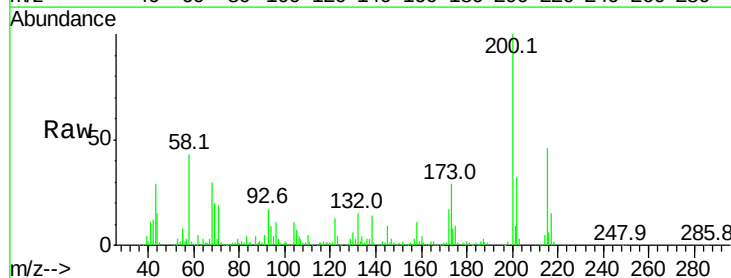
Instrument :
BNA_F
ClientSampleId :

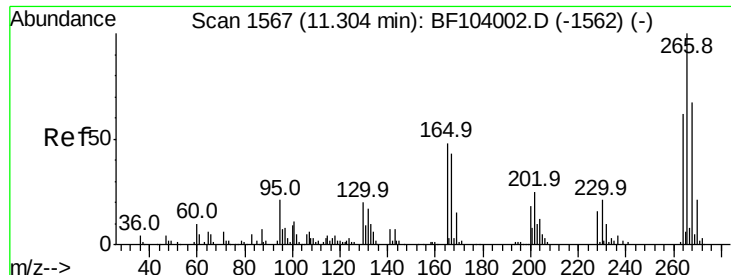
Tot Ion:284 Resp: 182373
Ion Ratio Lower Upper
284 100
142 32.2 34.6 52.0#
249 29.7 24.8 37.2



#68
Atrazine
Concen: 46.345 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Tgt Ion:200 Resp: 164453
Ion Ratio Lower Upper
200 100
173 28.6 8.6 48.6
215 46.2 25.1 65.1

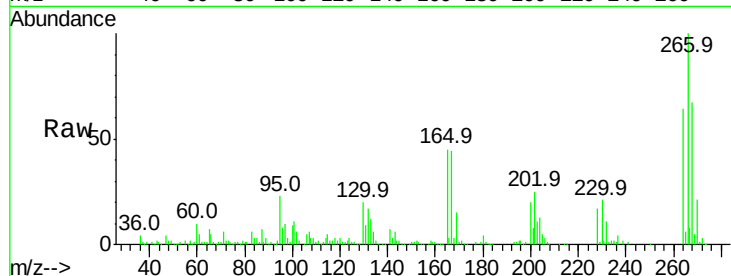




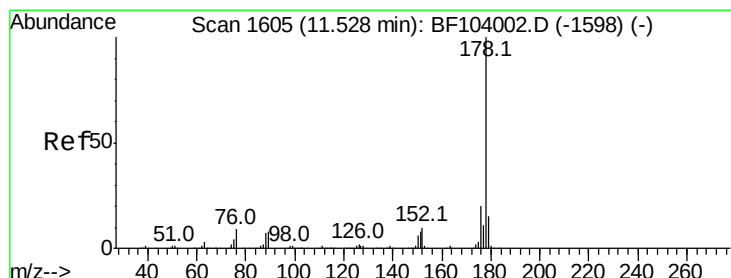
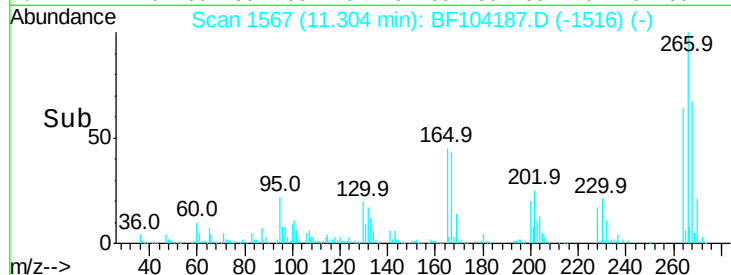
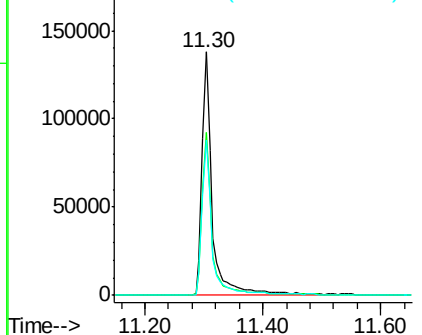
#69
 Pentachlorophenol
 Concen: 71.473 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 165541
 Ion Ratio Lower Upper
 266 100
 268 67.0 51.1 76.7
 264 63.9 49.5 74.3

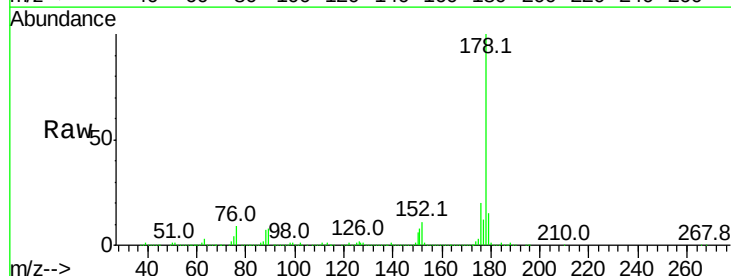


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

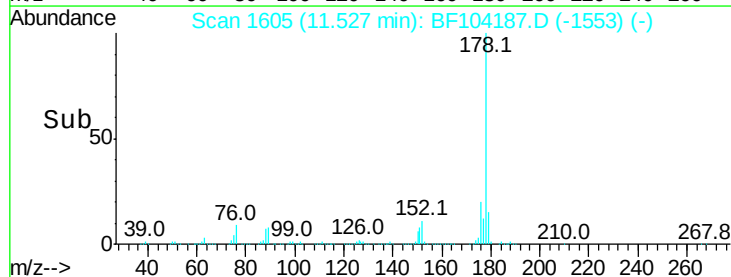
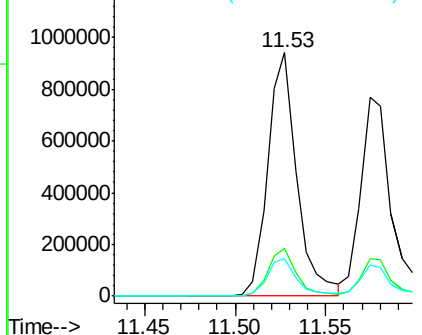


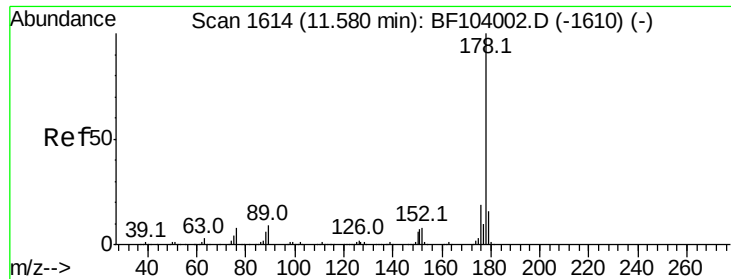
#70
 Phenanthrene
 Concen: 56.813 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. 0.01 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Tgt Ion:178 Resp: 1051994
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.5 13.0 19.6



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

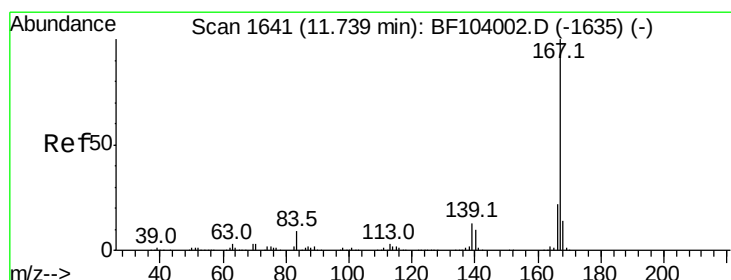
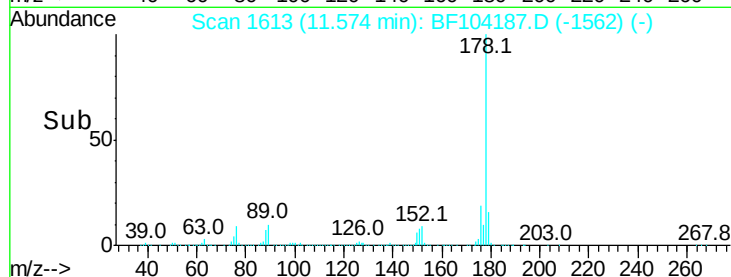
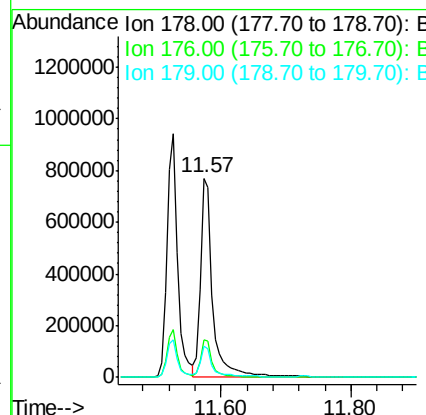
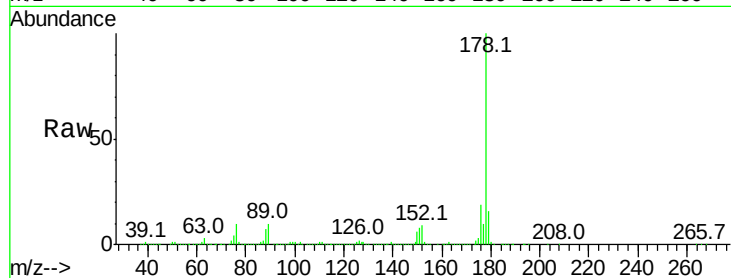




#71
 Anthracene
 Concen: 51.285 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

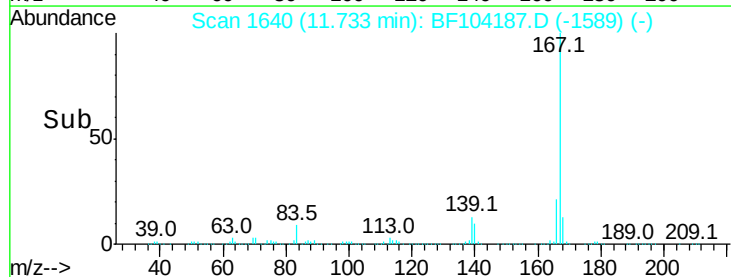
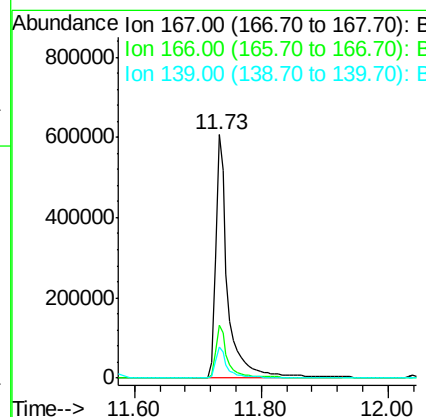
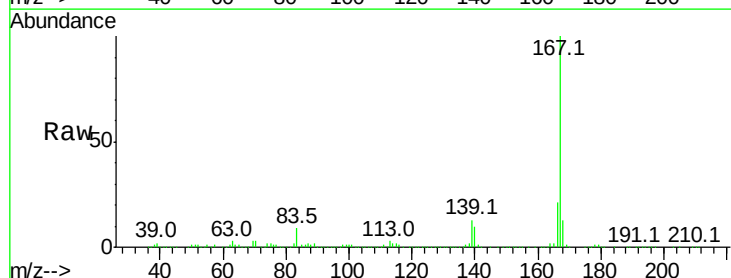
Instrument :
 BNA_F
 ClientSampleId :

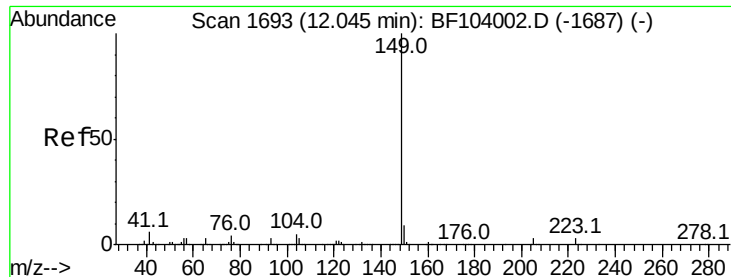
Tot Ion:178 Resp: 991922
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 44.622 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Tgt Ion:167 Resp: 823734
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.332 ng

RT: 12.04 min Scan# 1692

Delta R.T. -0.00 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

Instrument :

BNA_F

ClientSampleId :

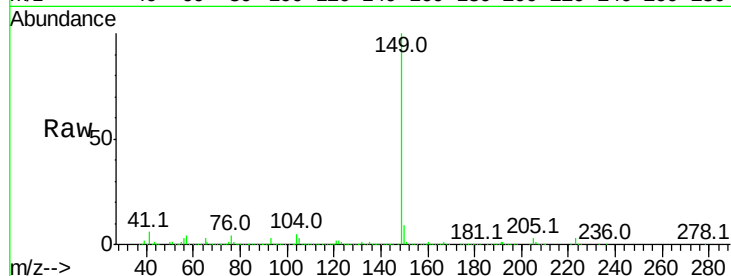
Tot Ion:149 Resp: 930826

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

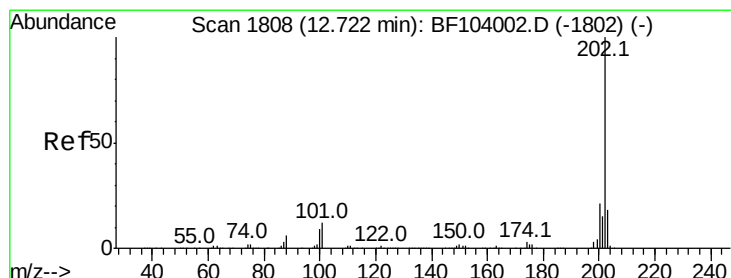
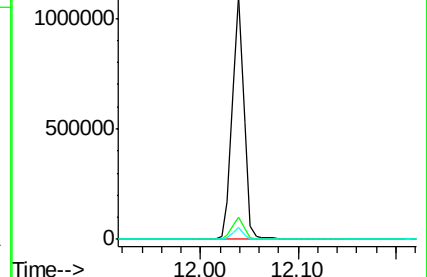
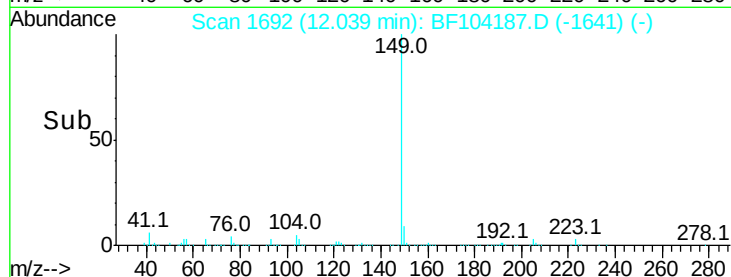
104 4.6 3.8 5.8



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: 55.535 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

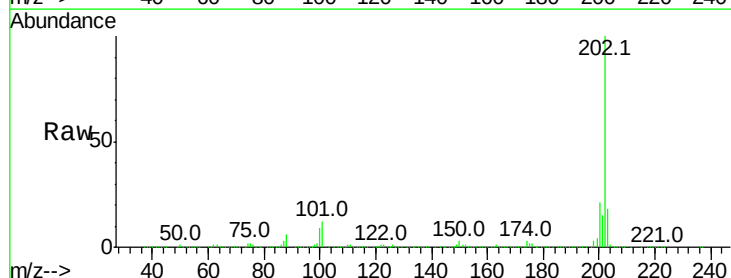
Tgt Ion:202 Resp: 1093078

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

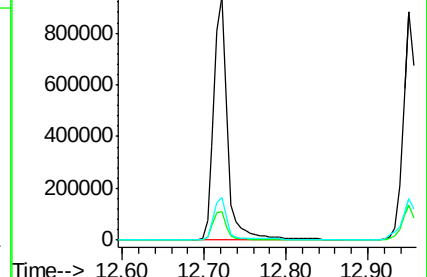
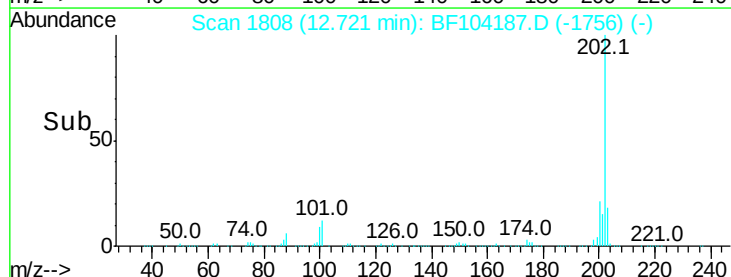
203 17.7 0.0 38.1

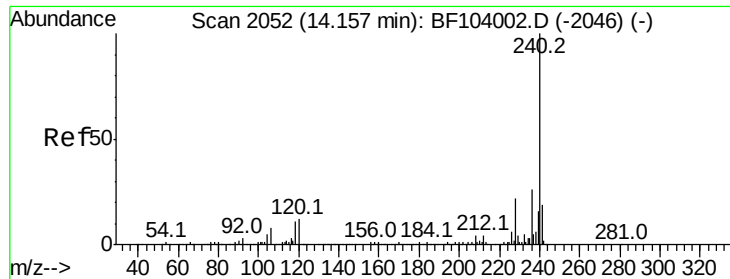


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

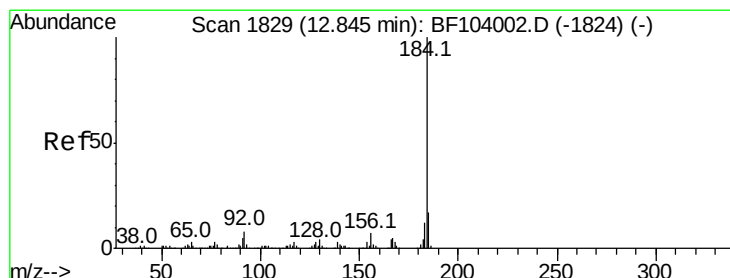
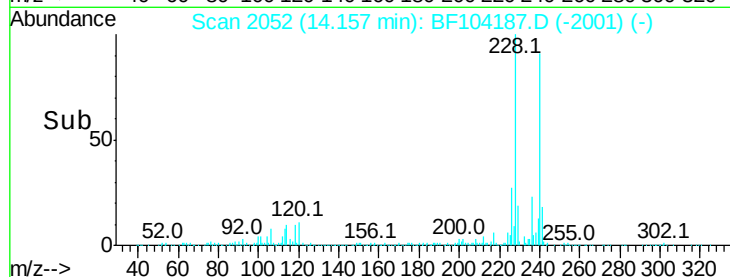
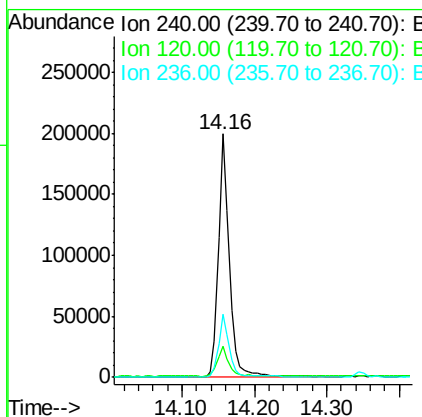
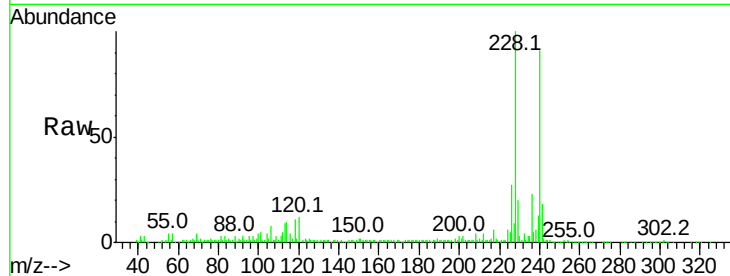




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

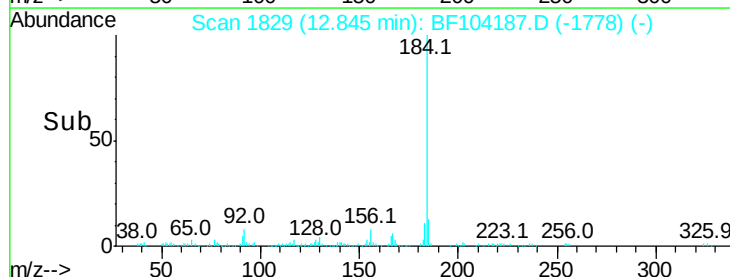
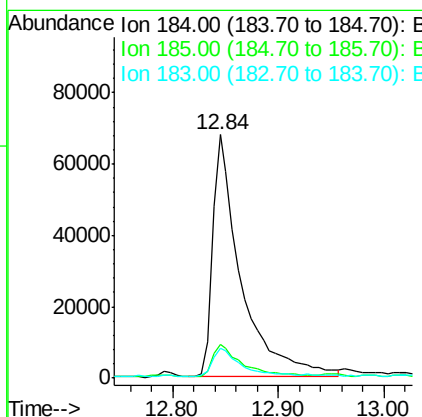
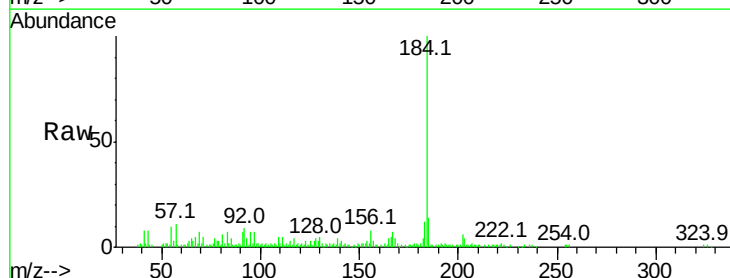
Instrument :
 BNA_F
 ClientSampleID :

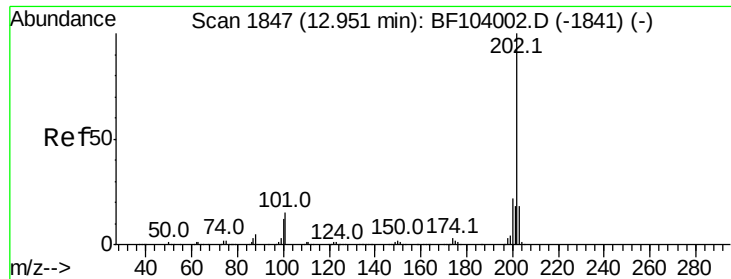
Tot Ion:240 Resp: 216466
 Ion Ratio Lower Upper
 240 100
 120 13.0 9.5 14.3
 236 25.8 20.7 31.1



#76
 Benzidine
 Concen: 20.823 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Tgt Ion:184 Resp: 128452
 Ion Ratio Lower Upper
 184 100
 185 14.0 12.6 18.8
 183 12.1 9.3 13.9

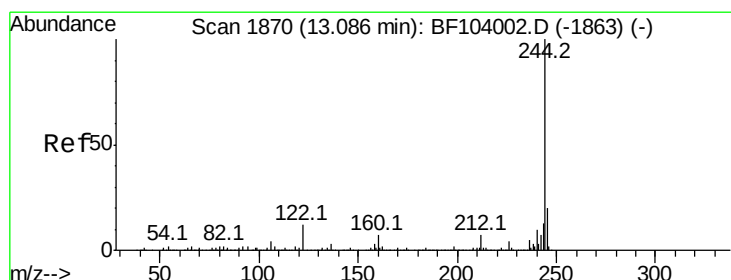
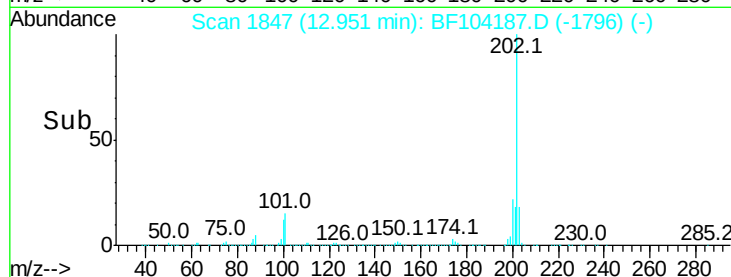
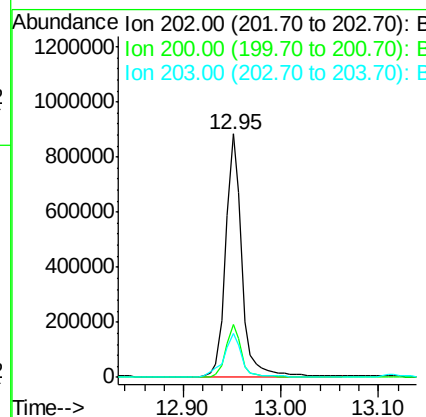
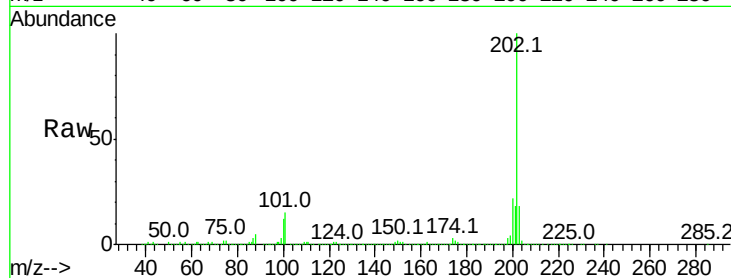




#77
Pvrene
Concen: 65.244 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

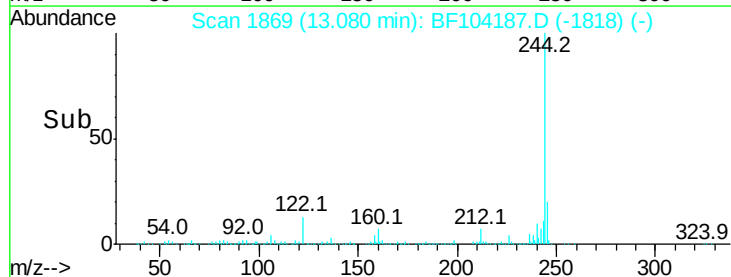
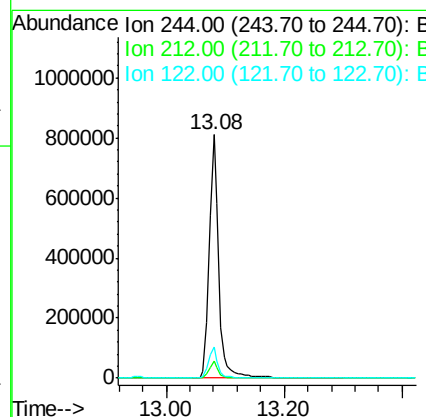
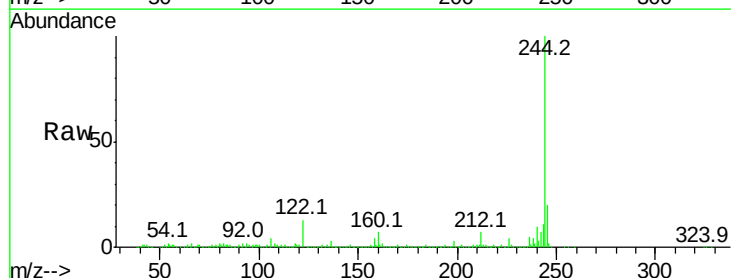
Instrument :
BNA_F
ClientSampled :

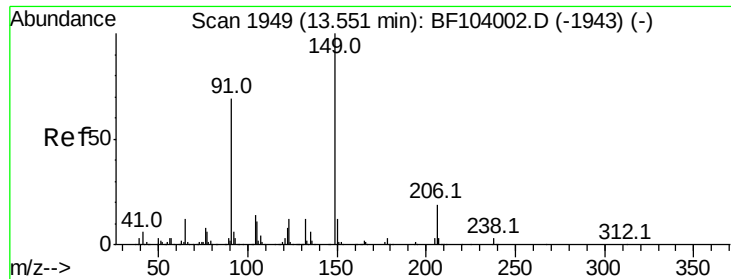
Tot Ion:202 Resp: 1015247
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 97.471 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Tgt Ion:244 Resp: 913798
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.6 11.0 16.4

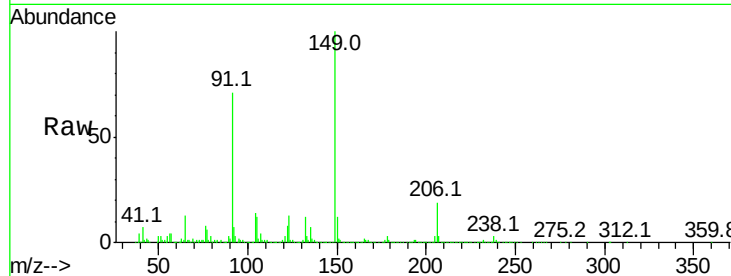




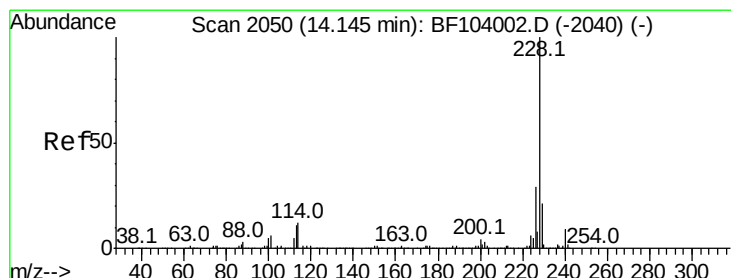
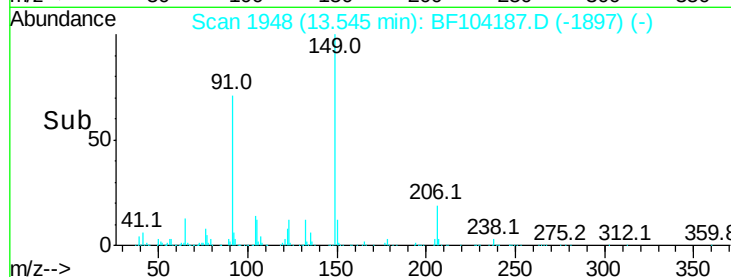
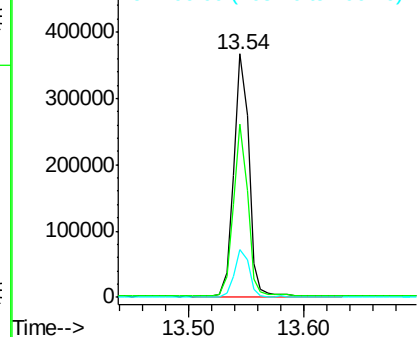
#79
Butylbenzylphthalate
Concen: 45.460 ng
RT: 13.54 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 333272
Ion Ratio Lower Upper
149 100
91 71.2 56.8 85.2
206 19.4 14.1 21.1

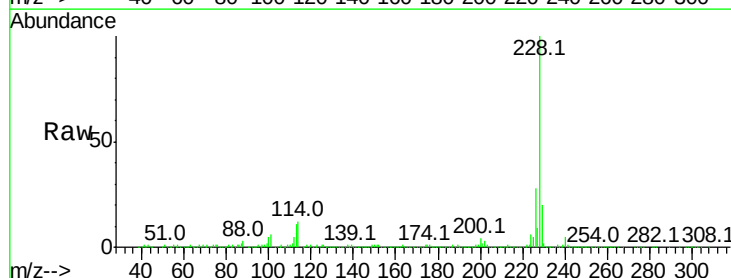


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

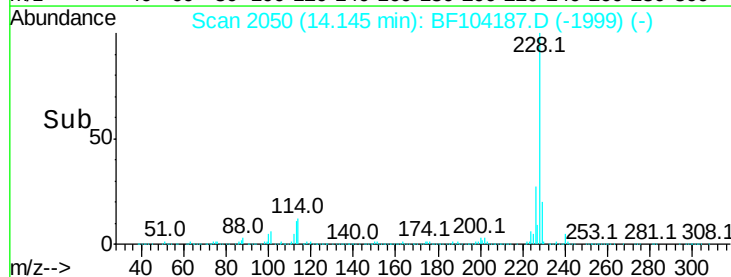
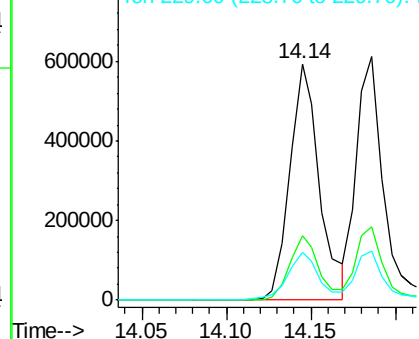


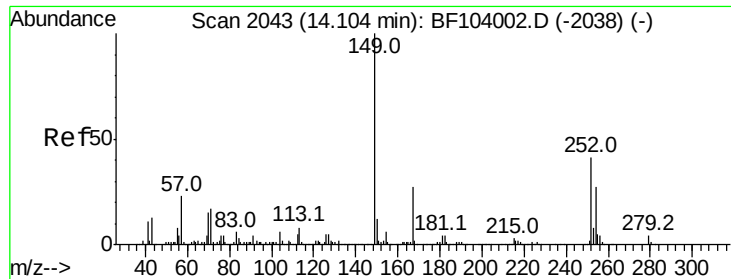
#80
Benzo(a)anthracene
Concen: 53.623 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Tgt Ion:228 Resp: 726305
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 20.4 15.8 23.6



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

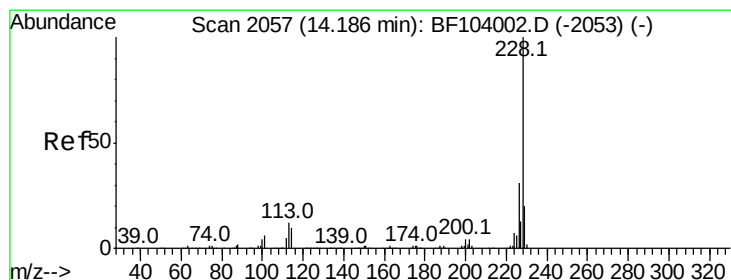
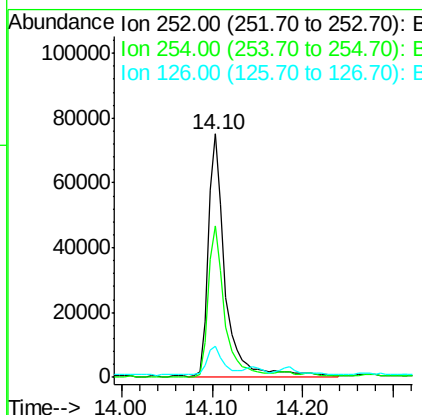
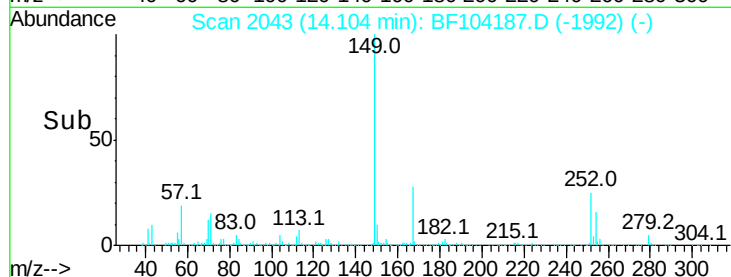
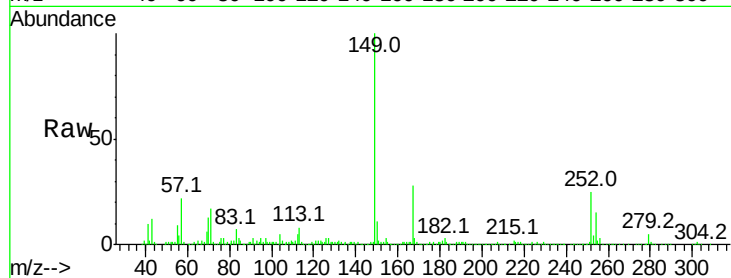




#81
 3,3'-Dichlorobenzidine
 Concen: 22.476 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

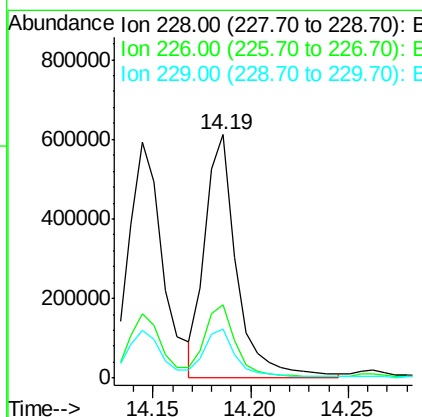
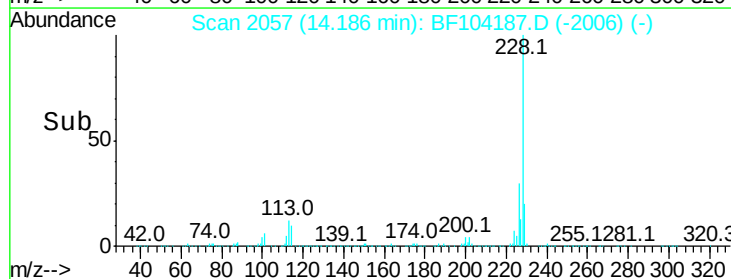
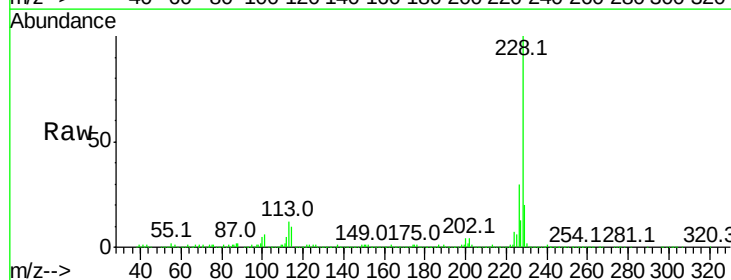
Instrument :
 BNA_F
 ClientSampleId :

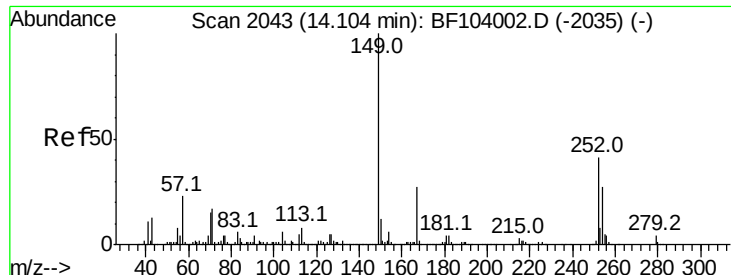
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.2	50.4	75.6
126	13.0	11.3	16.9



#82
 Chrysene
 Concen: 52.377 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	20.0	16.2	24.4

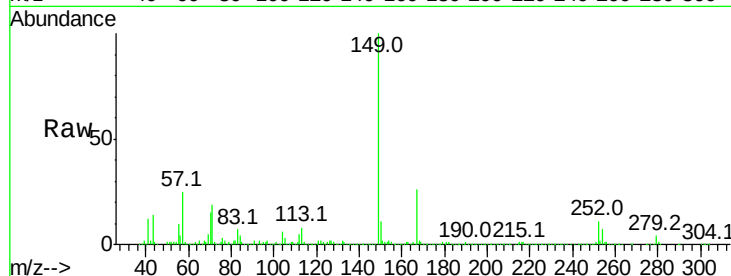




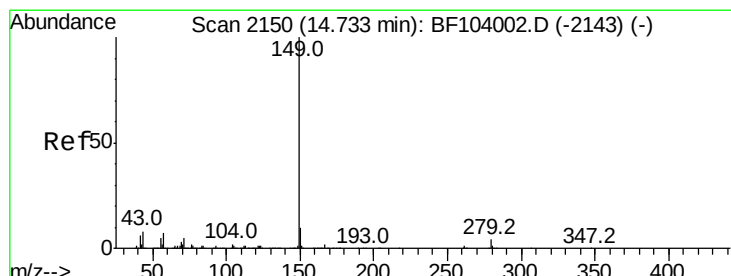
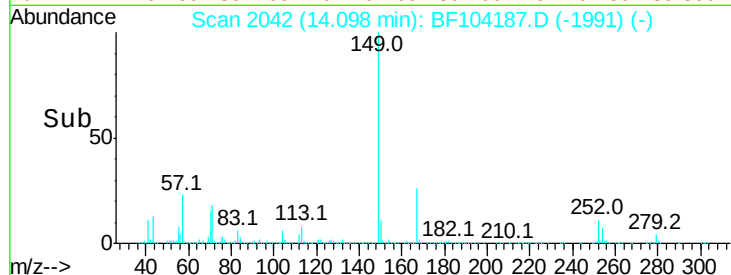
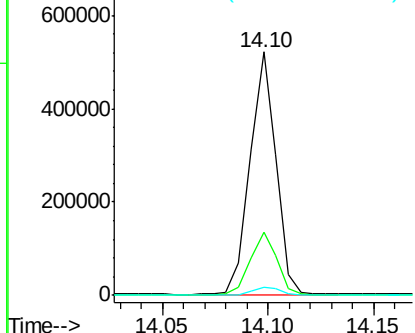
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.836 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 443646
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 3.5 3.0 4.4

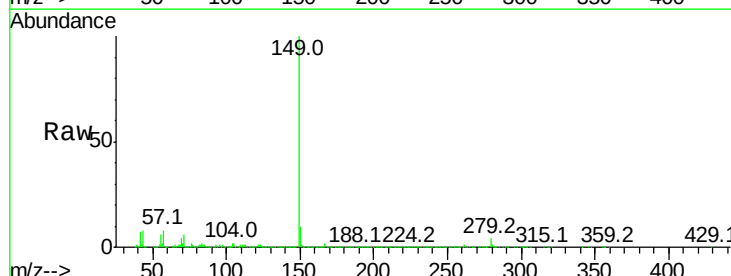


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

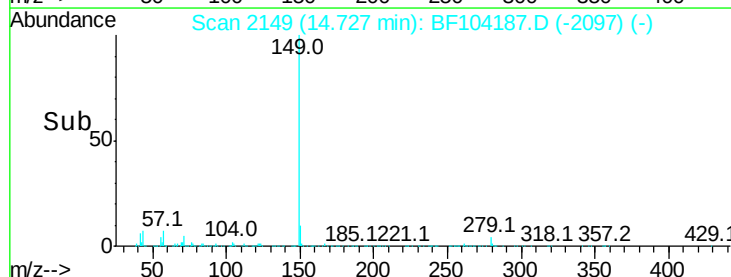
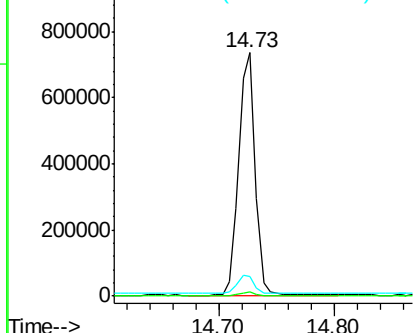


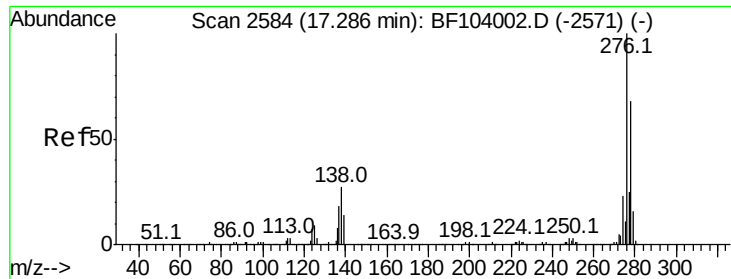
#84
 Di-n-octyl phthalate
 Concen: 44.629 ng
 RT: 14.73 min Scan# 2149
 Delta R.T. 0.01 min
 Lab File: BF104187.D
 Acq: 3 Apr 2018 18:52

Tgt Ion:149 Resp: 727189
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.8 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: 55.757 ng

RT: 17.31 min Scan# 2588

Delta R.T. 0.01 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

Instrument :

BNA_F

ClientSampleId :

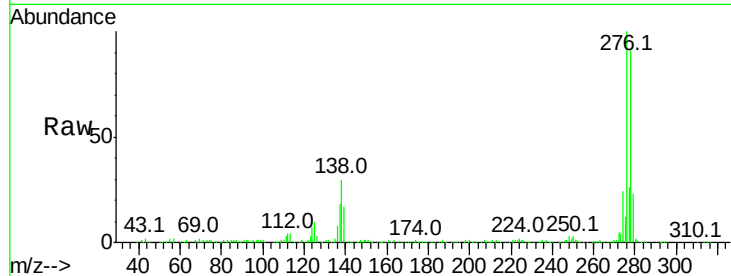
Tot Ion:276 Resp: 766508

Ion Ratio Lower Upper

276 100

138 26.7 25.0 37.6

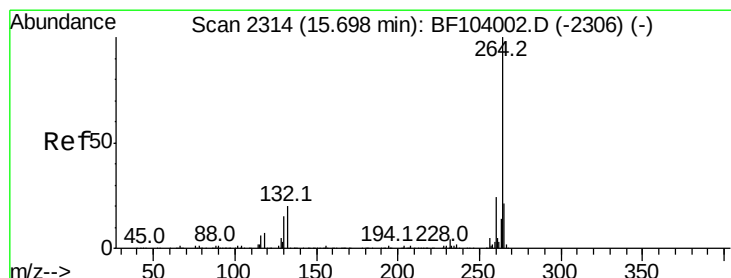
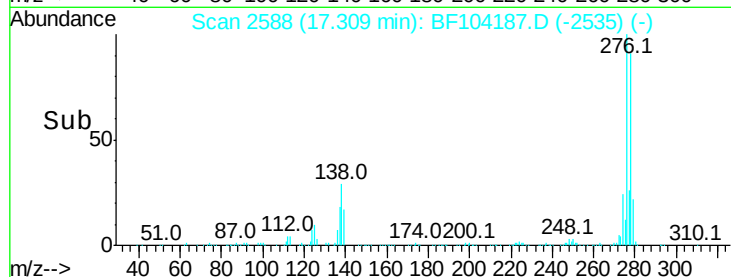
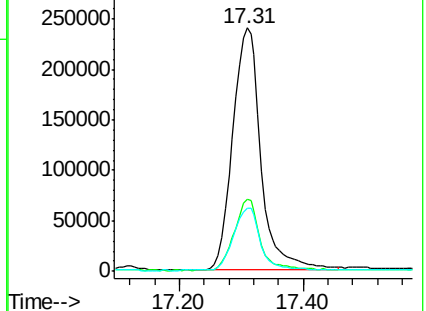
277 23.7 20.1 30.1



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: 15.70 min Scan# 2315

Delta R.T. 0.01 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

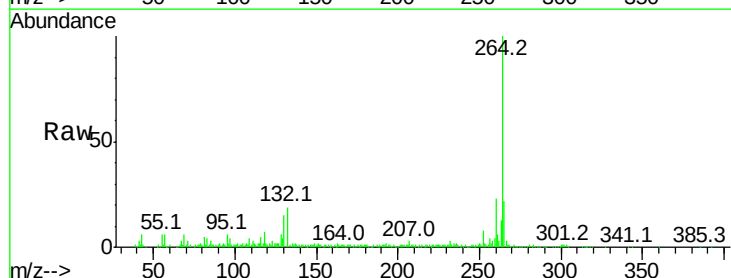
Tgt Ion:264 Resp: 225355

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

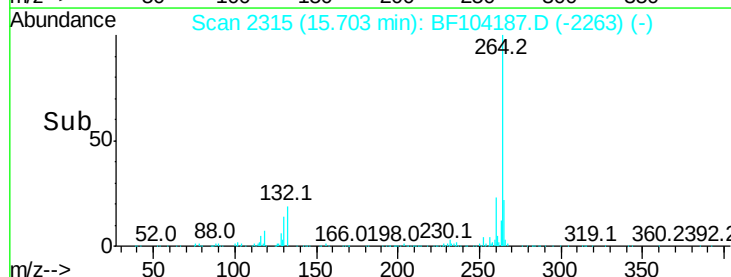
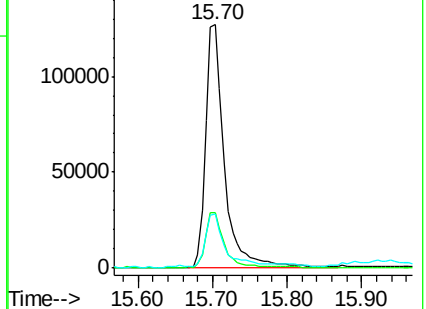
265 22.3 17.5 26.3

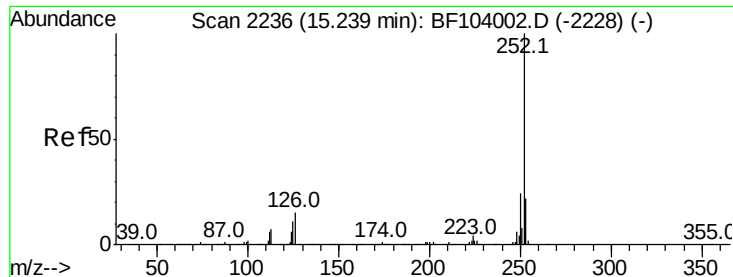


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

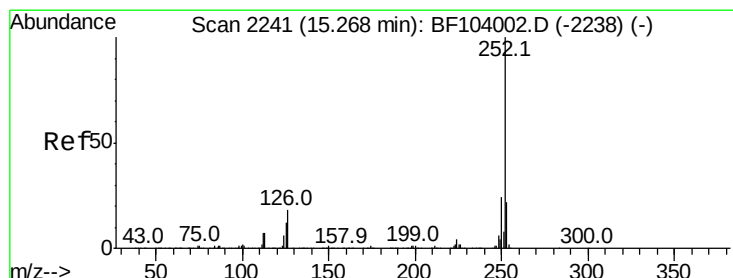
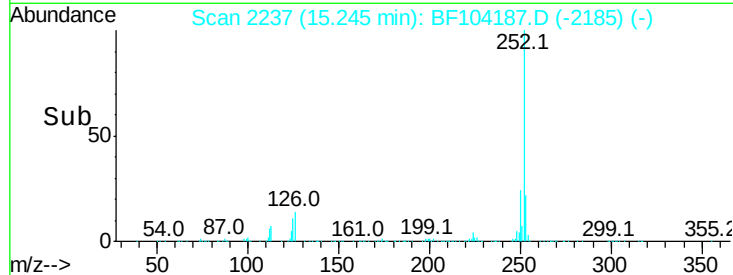
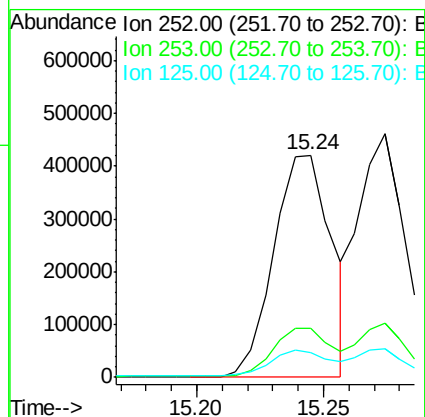
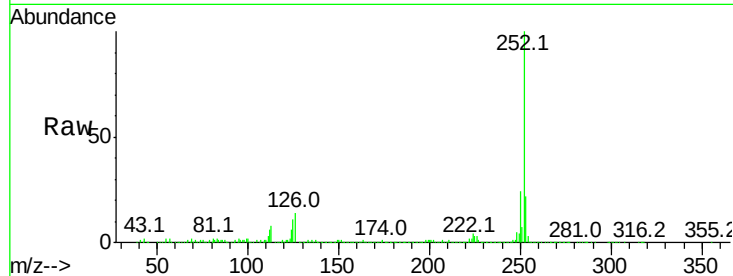




#87
Benzo(b)fluoranthene
Concen: 48.351 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

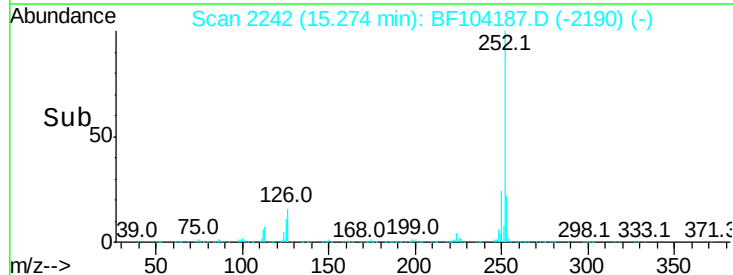
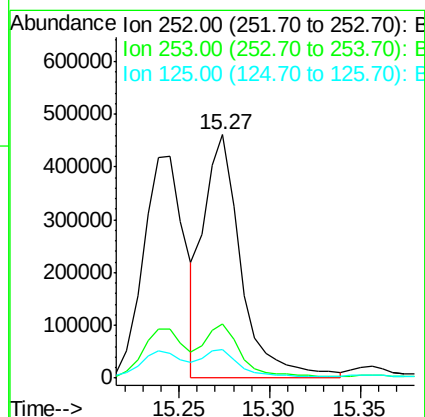
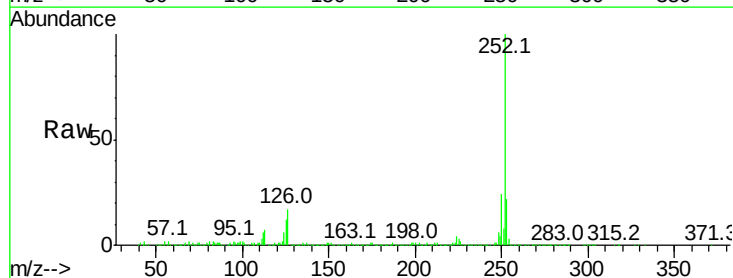
Instrument :
BNA_F
ClientSampleId :

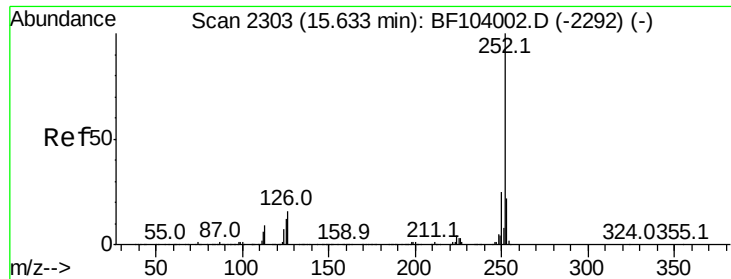
Tot Ion:252 Resp: 663125
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 11.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 50.577 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Tgt Ion:252 Resp: 653433
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.9 10.2 15.2

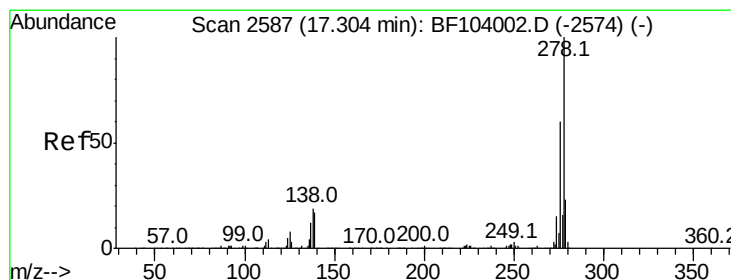
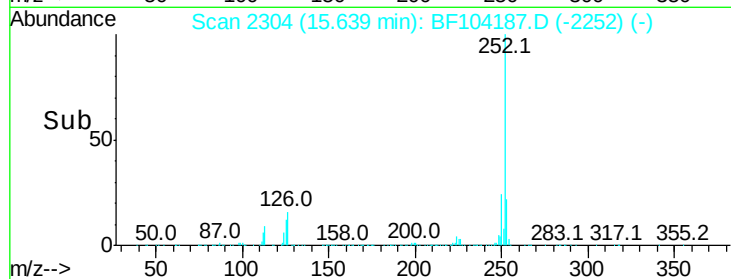
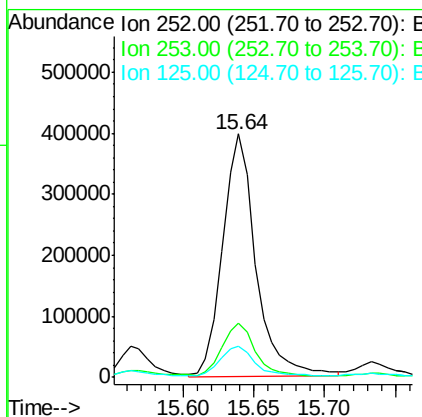
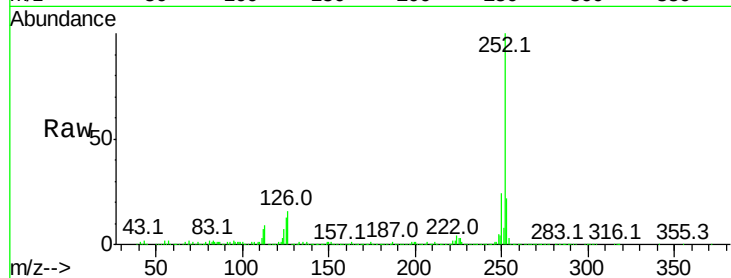




#89
Benzo(a)pyrene
Concen: 51.453 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

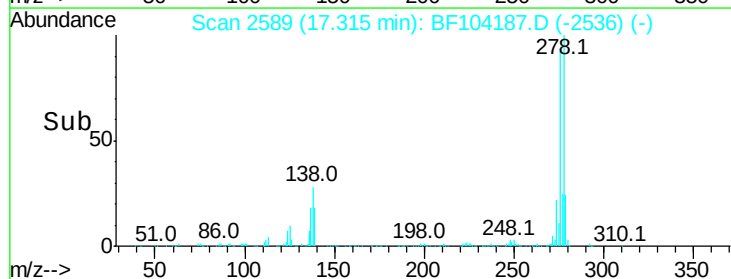
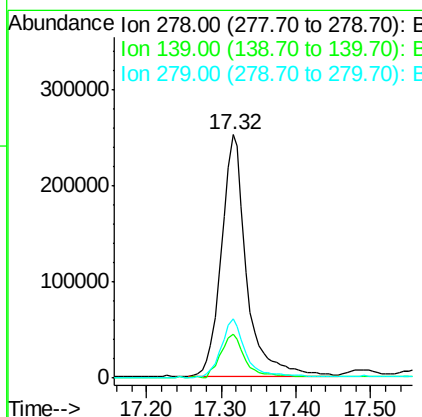
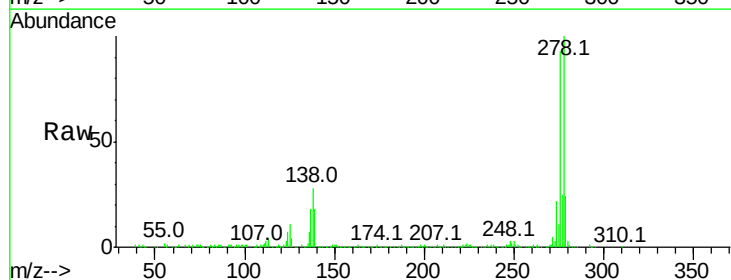
Instrument :
BNA_F
ClientSampleId :

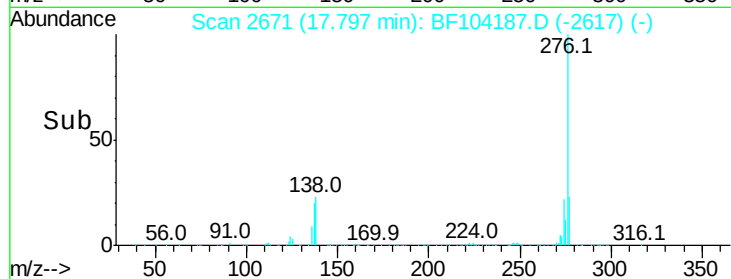
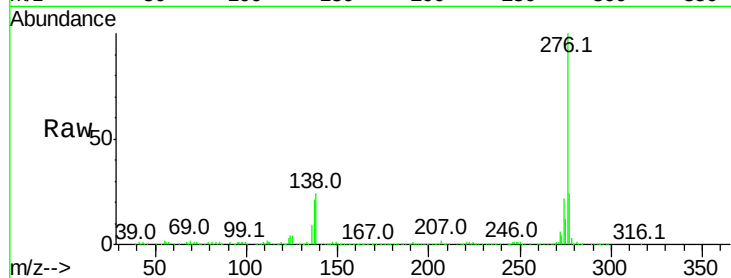
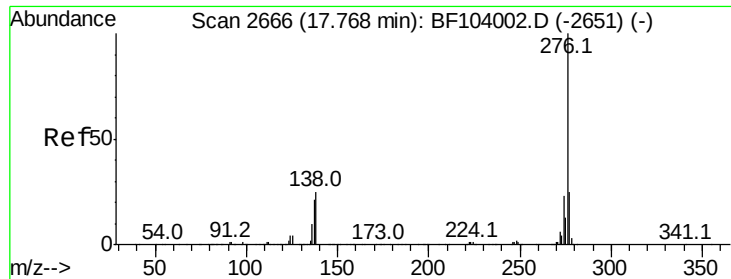
Tot Ion:252 Resp: 653936
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 13.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 50.511 ng
RT: 17.32 min Scan# 2589
Delta R.T. 0.01 min
Lab File: BF104187.D
Acq: 3 Apr 2018 18:52

Tgt Ion:278 Resp: 593541
Ion Ratio Lower Upper
278 100
139 18.1 15.9 23.9
279 24.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 57.260 ng

RT: 17.80 min Scan# 2671

Delta R.T. 0.02 min

Lab File: BF104187.D

Acq: 3 Apr 2018 18:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 673933

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 23.6 21.8 32.8

