

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104803.D
 Acq On : 25 Apr 2018 21:41
 Operator : JU/SJ
 Sample : PB108602BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 08:18:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102859	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	417774	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	180820	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	271098	20.00	ng	0.00
75) Chrysene-d12	13.99	240	180968	20.00	ng	0.00
86) Perylene-d12	15.45	264	144014	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	711993	105.84	ng	0.01
7) Phenol-d6	6.45	99	863972	104.53	ng	0.00
23) Nitrobenzene-d5	7.37	82	539384	84.31	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	194692	103.80	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1002329	87.57	ng	0.00
78) Terphenyl-d14	12.92	244	699319	88.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	89232	28.468	ng	87
3) Pyridine	3.33	79	254695	28.901	ng	# 85
4) n-Nitrosodimethylamine	3.29	42	101767	33.035	ng	83
6) Aniline	6.46	93	204366	17.797	ng	# 1
8) 2-Chlorophenol	6.59	128	271512	38.241	ng	94
9) Benzaldehyde	6.35	77	107571	22.096	ng	96
10) Phenol	6.46	94	312592	35.644	ng	83
11) bis(2-Chloroethyl)ether	6.54	93	242712	34.682	ng	94
12) 1,3-Dichlorobenzene	6.74	146	284424	35.360	ng	98
13) 1,4-Dichlorobenzene	6.82	146	292204	36.443	ng	98
14) 1,2-Dichlorobenzene	6.97	146	271519	36.542	ng	99
15) Benzyl Alcohol	6.95	79	218488	34.804	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	284604	30.282	ng	50
17) 2-Methylphenol	7.07	107	214983	34.833	ng	# 90
18) Hexachloroethane	7.31	117	79647	27.860	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	175657	32.523	ng	96
20) 3+4-Methylphenols	7.22	107	274614	35.876	ng	# 88
22) Acetophenone	7.22	105	362425	35.237	ng	# 99
24) Nitrobenzene	7.39	77	269602	38.167	ng	95
25) Isophorone	7.63	82	485180	35.861	ng	99
26) 2-Nitrophenol	7.70	139	137882	47.948	ng	95
27) 2,4-Dimethylphenol	7.75	122	231643	38.795	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	312328	37.757	ng	99
29) 2,4-Dichlorophenol	7.95	162	220471	38.698	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	232788	37.232	ng	98
31) Naphthalene	8.11	128	757998	36.437	ng	99
32) Benzoic acid	7.87	122	100889	21.177	ng	97
33) 4-Chloroaniline	8.16	127	106378	11.936	ng	93
34) Hexachlorobutadiene	8.22	225	126880	37.049	ng	99
35) Caprolactam	8.54	113	66074	33.246	ng	# 74
36) 4-Chloro-3-methylphenol	8.66	107	231987	37.975	ng	98
37) 2-Methylnaphthalene	8.80	142	502997	37.380	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	216454	41.818	ng	99
40) Hexachlorocyclopentadiene	8.95	237	20037	6.915	ng	99

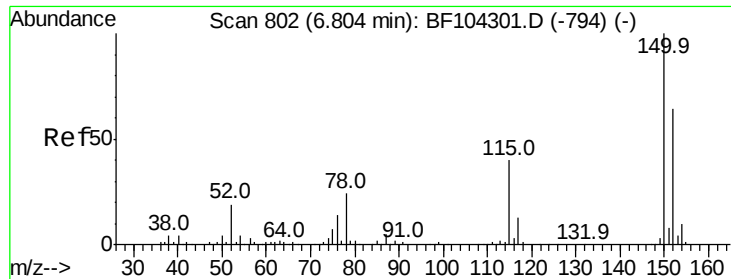
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104803.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	146076	40.654	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	153874	38.269	nq	96
45) 1,1'-Biphenyl	9.26	154	588882	38.767	nq	99
46) 2-Chloronaphthalene	9.29	162	456660	38.060	nq	99
47) 2-Nitroaniline	9.39	65	136232	45.913	nq	98
48) Acenaphthylene	9.71	152	660196	35.070	nq	100
49) Dimethylphthalate	9.56	163	561295	39.364	nq	100
50) 2,6-Dinitrotoluene	9.63	165	114270	43.309	nq	97
51) Acenaphthene	9.88	154	389566	33.917	nq	99
52) 3-Nitroaniline	9.80	138	87190	28.227	nq	98
53) 2,4-Dinitrophenol	9.92	184	19358	27.863	nq #	23
54) Dibenzofuran	10.05	168	578803	36.160	nq	96
55) 4-Nitrophenol	9.99	139	156005	64.295	nq	94
56) 2,4-Dinitrotoluene	10.05	165	136190	39.351	nq #	97
57) Fluorene	10.40	166	455206	39.071	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	106189	35.399	nq	97
59) Diethylphthalate	10.26	149	525404	36.998	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	217470	41.913	nq	96
61) 4-Nitroaniline	10.42	138	98021	32.455	nq	97
62) Azobenzene	10.55	77	443743	32.706	nq	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	19344	19.756	nq #	76
65) n-Nitrosodiphenylamine	10.50	169	405784	43.170	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	127423	44.189	nq	94
67) Hexachlorobenzene	10.95	284	129191	39.816	nq	92
68) Atrazine	11.03	200	125443	44.213	nq	99
69) Pentachlorophenol	11.15	266	96638	48.143	nq	98
70) Phenanthrene	11.36	178	561604	37.199	nq	98
71) Anthracene	11.41	178	571994	37.272	nq	99
72) Carbazole	11.57	167	503317	33.563	nq	99
73) Di-n-butylphthalate	11.89	149	719449	39.274	nq	99
74) Fluoranthene	12.55	202	495972	31.443	nq	98
76) Benzidine	12.68	184	388858	86.218	nq	98
77) Pyrene	12.78	202	484960	36.153	nq	99
79) Butylbenzylphthalate	13.39	149	232293	36.758	nq	99
80) Benzo(a)anthracene	13.97	228	430198	39.792	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	154448	38.315	nq	100
82) Chrysene	14.01	228	409903	36.912	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	316265	38.908	nq	99
84) Di-n-octyl phthalate	14.57	149	531046	39.099	nq	95
85) Indeno(1,2,3-cd)pyrene	16.92	276	302376	32.054	nq	94
87) Benzo(b)fluoranthene	15.03	252	363747	39.991	nq	99
88) Benzo(k)fluoranthene	15.06	252	349199	40.665	nq #	97
89) Benzo(a)pyrene	15.39	252	315276	38.739	nq	98
90) Dibenzo(a,h)anthracene	16.93	278	256607	38.391	nq	96
91) Benzo(g,h,i)perylene	17.36	276	240062	37.071	nq #	93

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

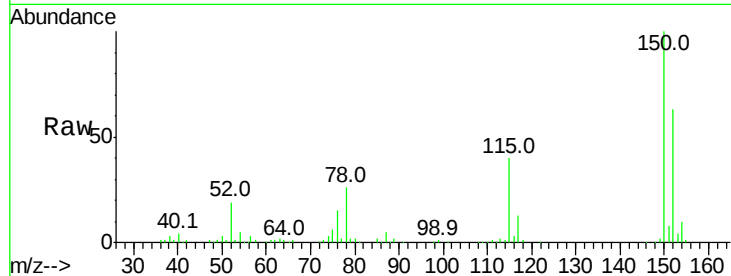


#1

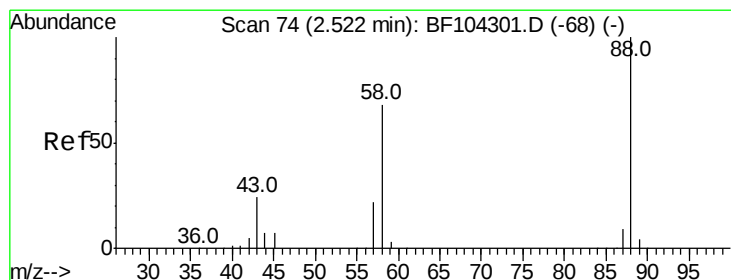
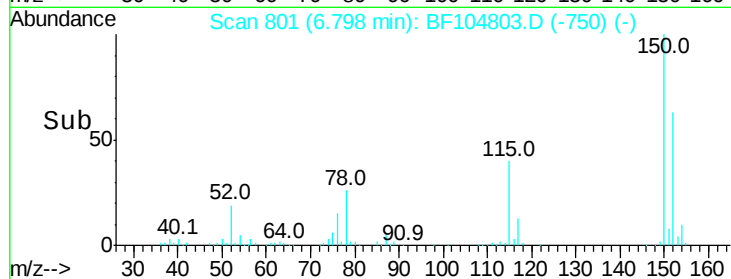
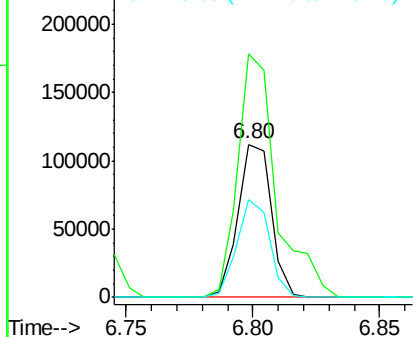
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102859
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 63.7 50.1 75.1



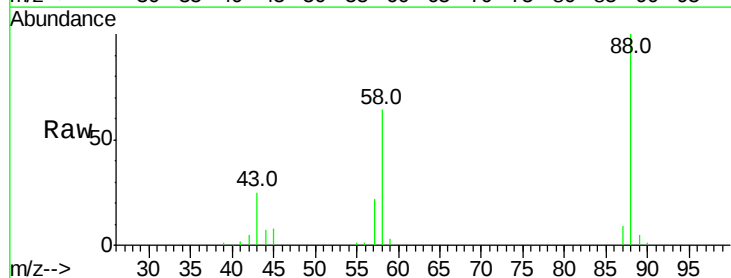
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



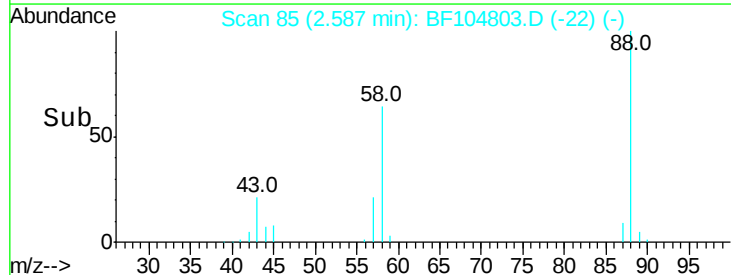
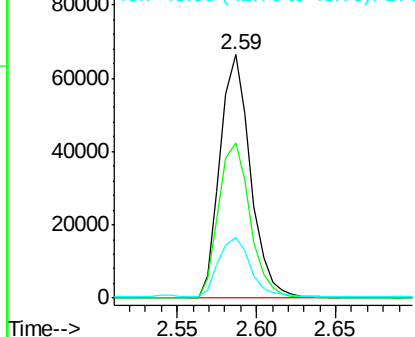
#2

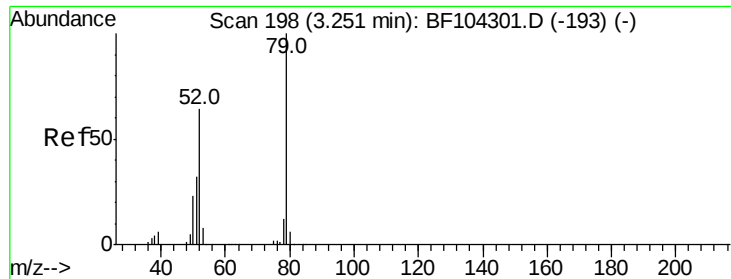
1,4-Dioxane
Concen: 28.468 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.07 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion: 88 Resp: 89232
Ion Ratio Lower Upper
88 100
58 66.0 62.6 93.8
43 25.3 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 28.901 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.08 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampleId :

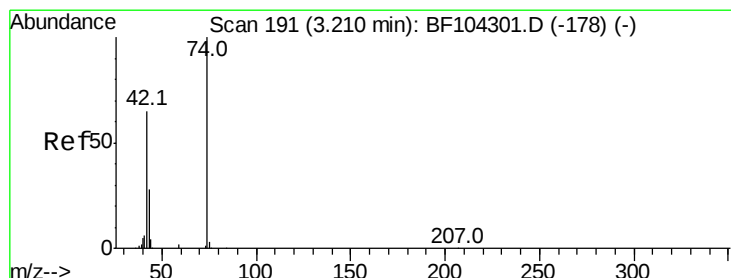
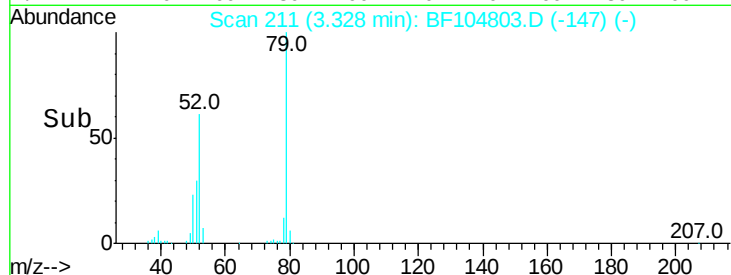
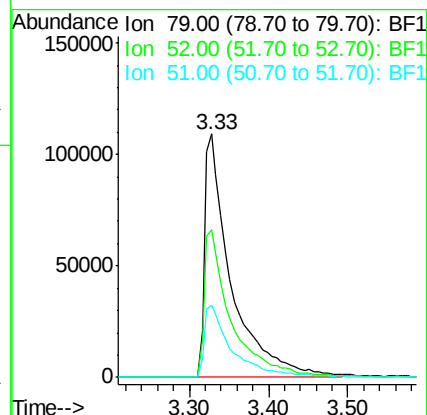
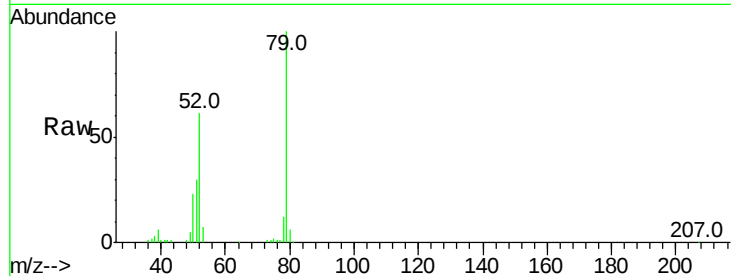
Tot Ion: 79 Resp: 254695

Ion Ratio Lower Upper

79 100

52 60.6 59.8 89.6

51 29.6 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 33.035 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.06 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

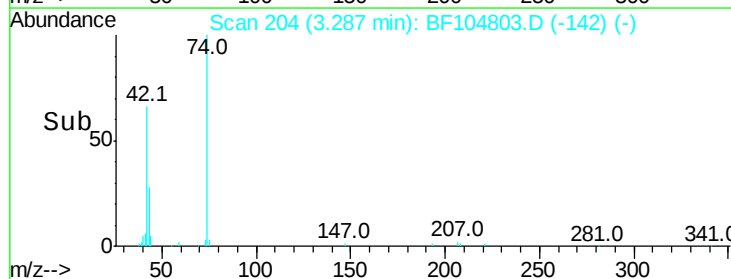
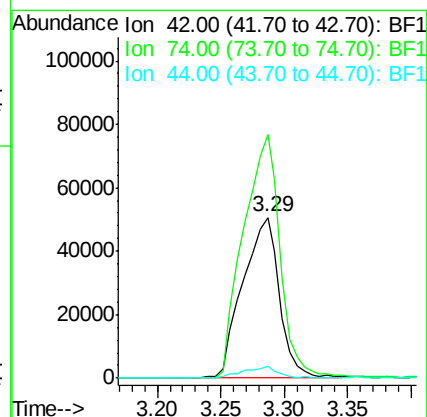
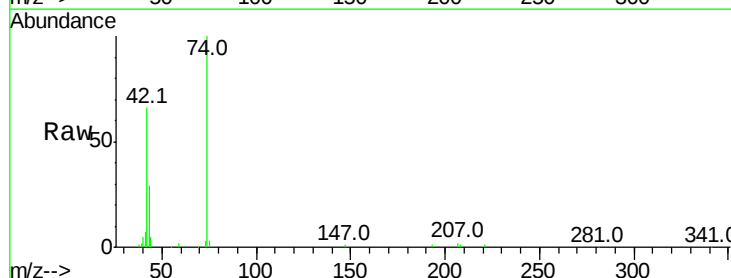
Tgt Ion: 42 Resp: 101767

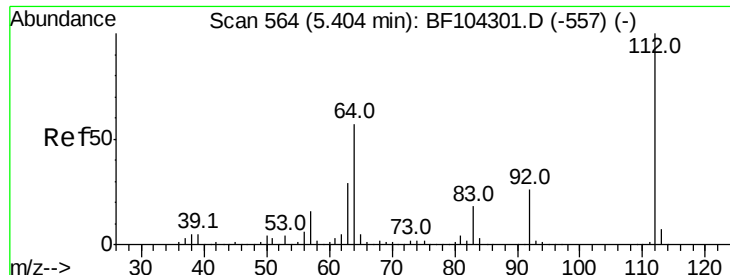
Ion Ratio Lower Upper

42 100

74 151.6 104.9 157.3

44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 105.842 ng

RT: 5.43 min Scan# 568

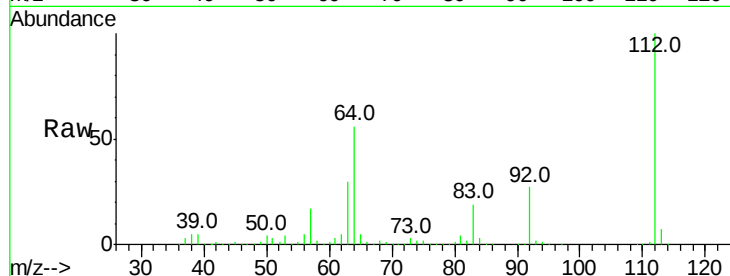
Delta R.T. 0.01 min

Lab File: BF104803.D

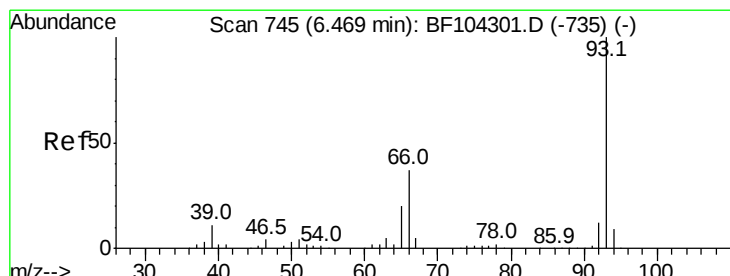
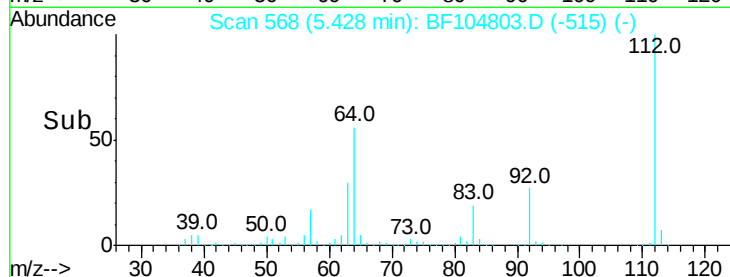
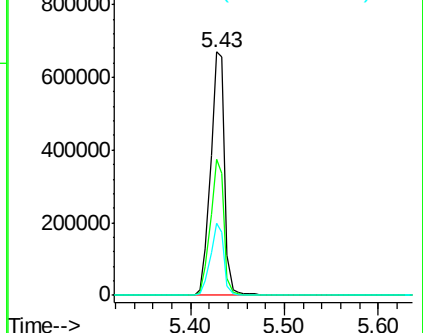
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	711993
Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	29.8	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: 17.797 ng

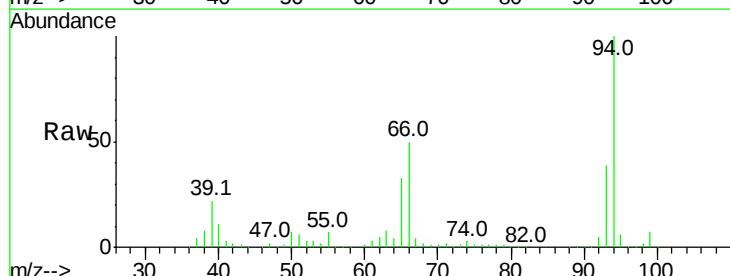
RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

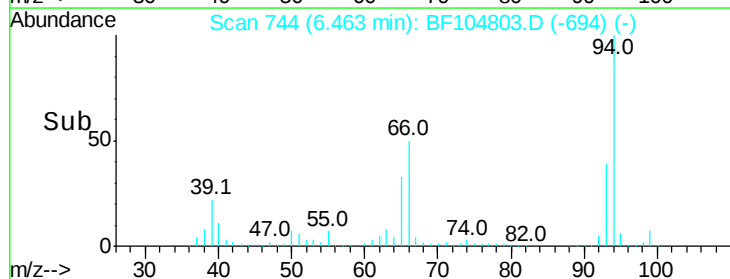
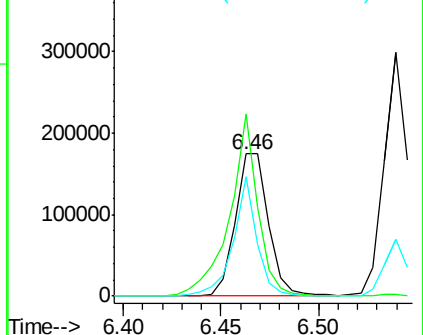
Lab File: BF104803.D

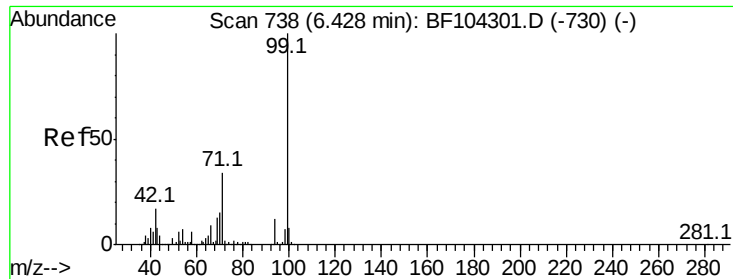
Acq: 25 Apr 2018 21:41

Tgt Ion:	93	Resp:	204366
Ion	Ratio	Lower	Upper
93	100		
66	128.3	32.2	48.2#
65	84.2	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: 104.531 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampled :

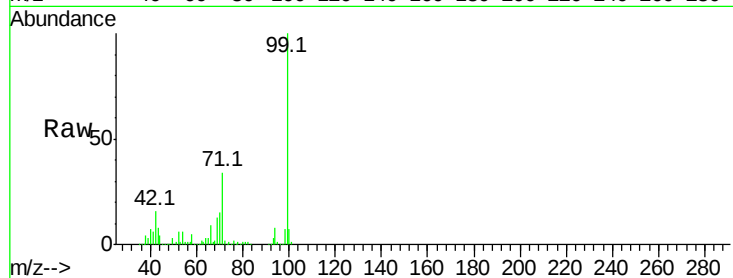
Tot Ion: 99 Resp: 863972

Ion Ratio Lower Upper

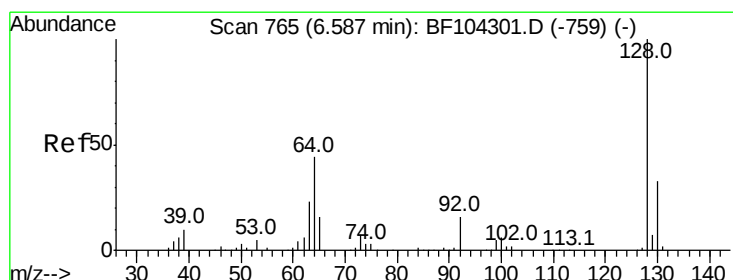
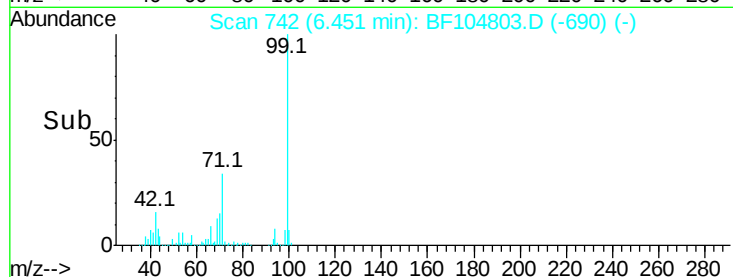
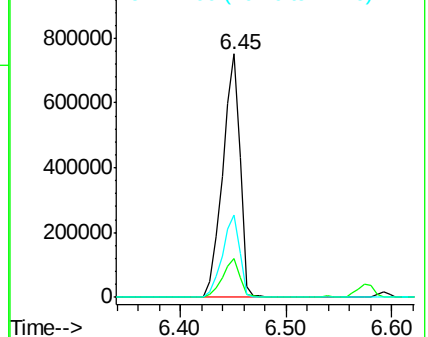
99 100

42 16.0 14.5 21.7

71 33.9 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: 38.241 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

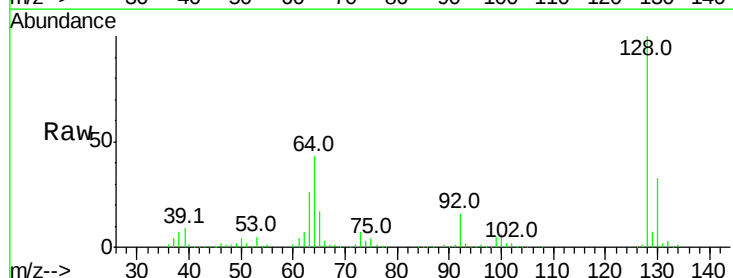
Tgt Ion:128 Resp: 271512

Ion Ratio Lower Upper

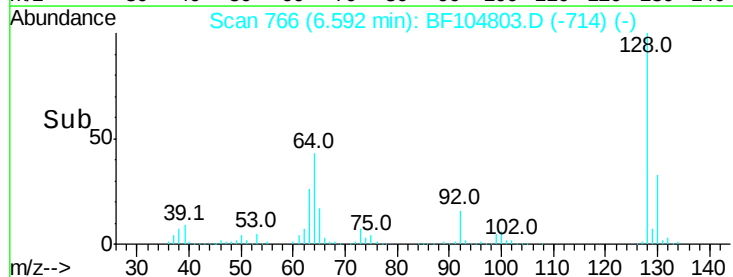
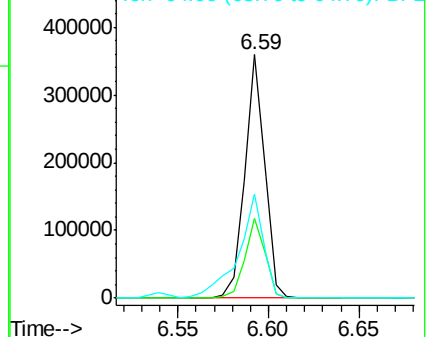
128 100

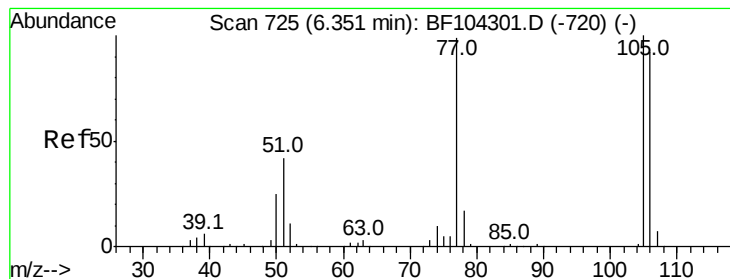
130 32.9 13.0 53.0

64 42.7 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: 22.096 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampleId :

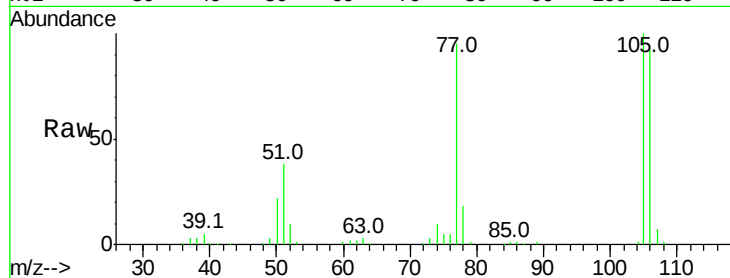
Tot Ion: 77 Resp: 107571

Ion Ratio Lower Upper

77 100

105 105.7 81.1 121.1

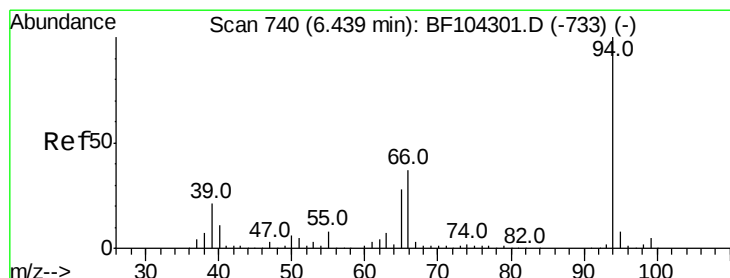
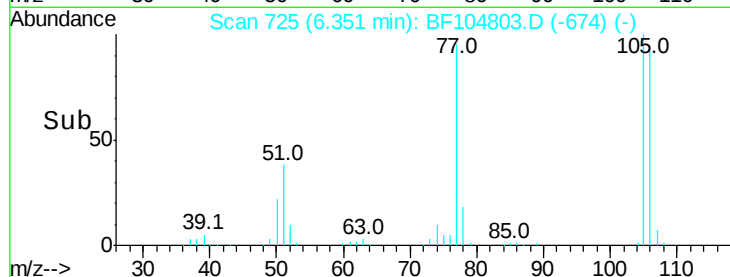
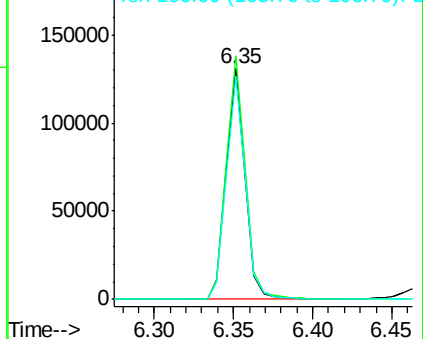
106 97.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.644 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

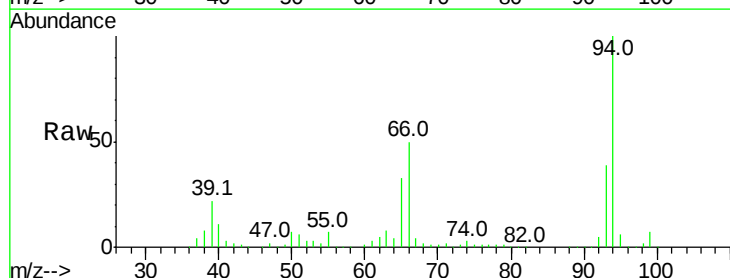
Tgt Ion: 94 Resp: 312592

Ion Ratio Lower Upper

94 100

65 32.7 7.9 47.9

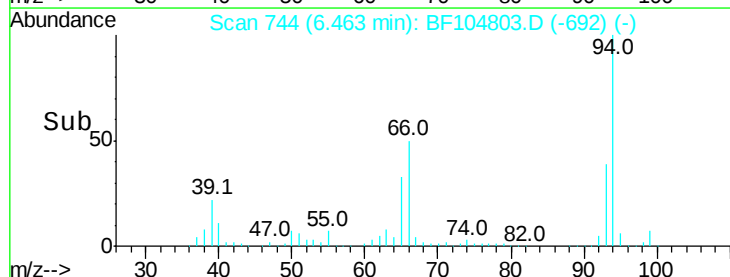
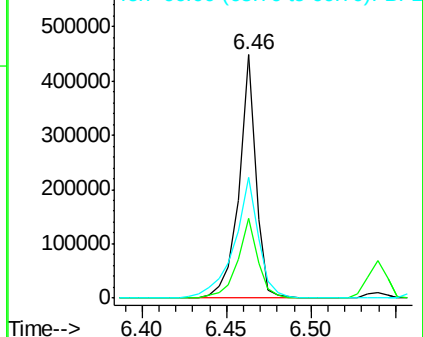
66 49.9 16.2 56.2

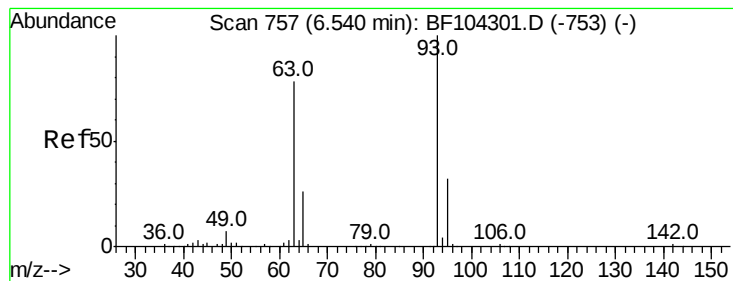


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

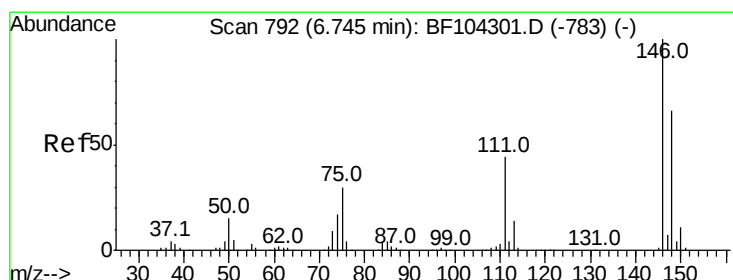
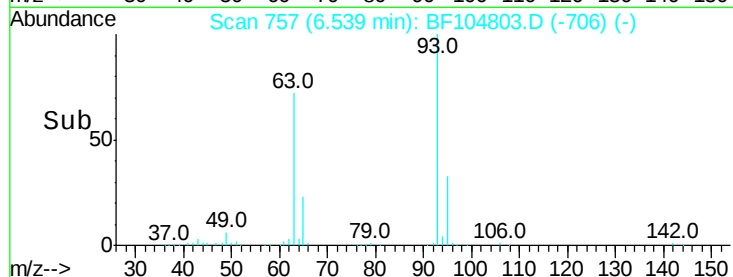
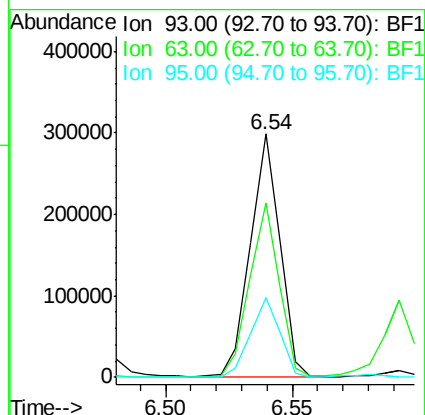
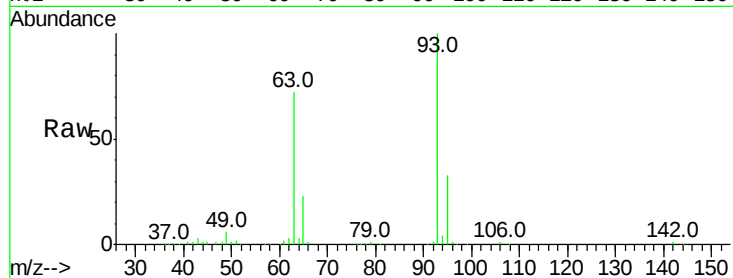




#11
bis(2-Chloroethyl)ether
Concen: 34.682 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

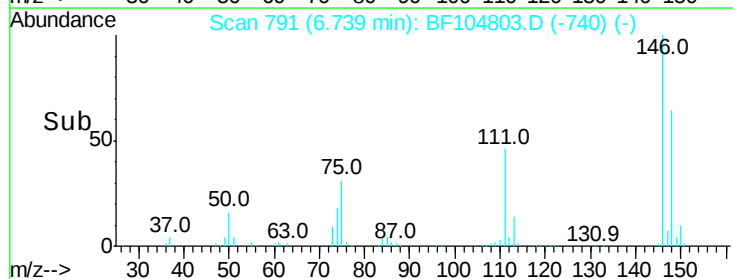
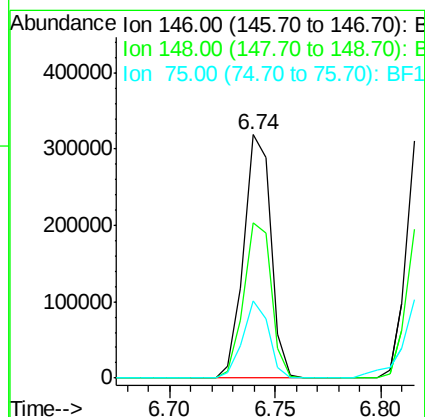
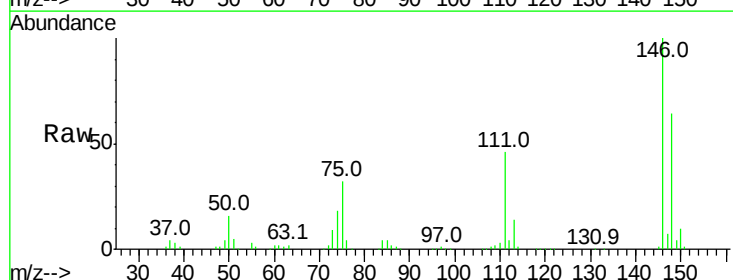
Instrument :
BNA_F
ClientSampleId :

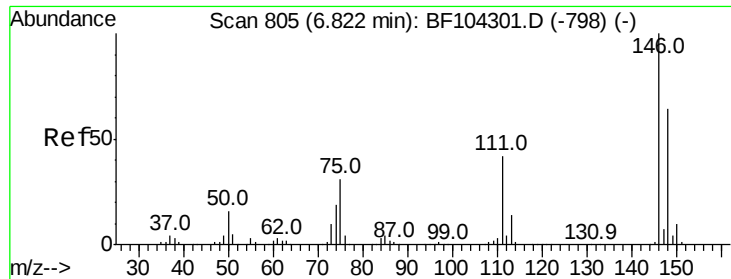
Tot Ion: 93 Resp: 242712
Ion Ratio Lower Upper
93 100
63 71.5 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 35.360 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion: 146 Resp: 284424
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 31.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 36.443 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampleId :

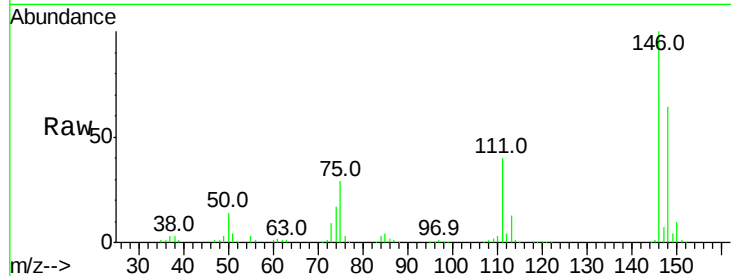
Tot Ion:146 Resp: 292204

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

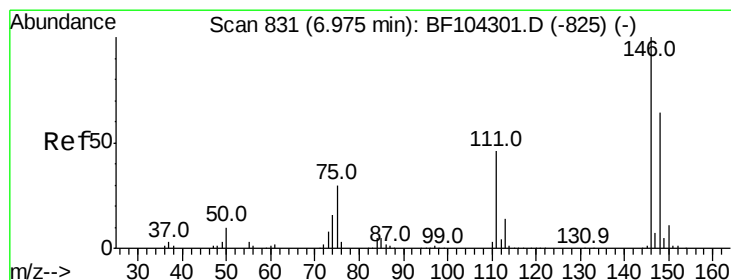
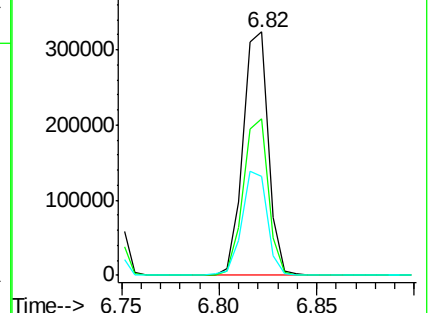
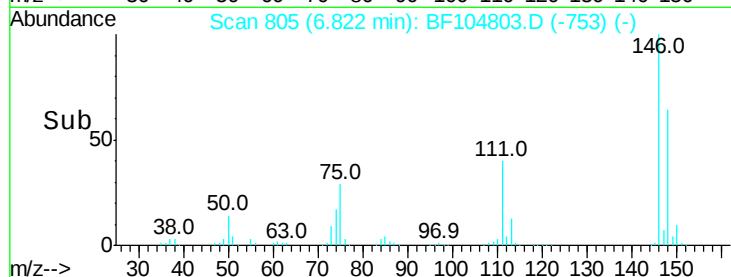
111 40.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.542 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

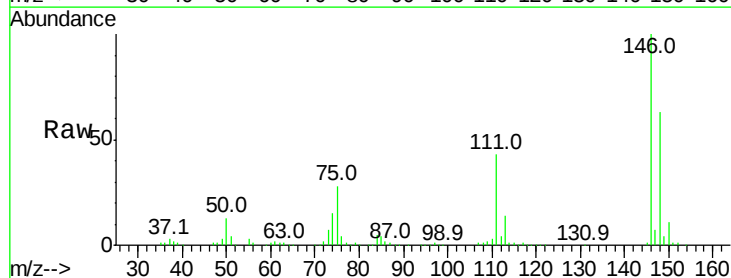
Tgt Ion:146 Resp: 271519

Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

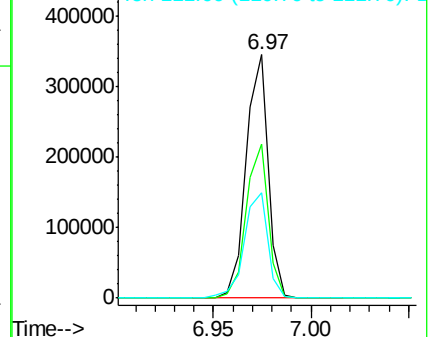
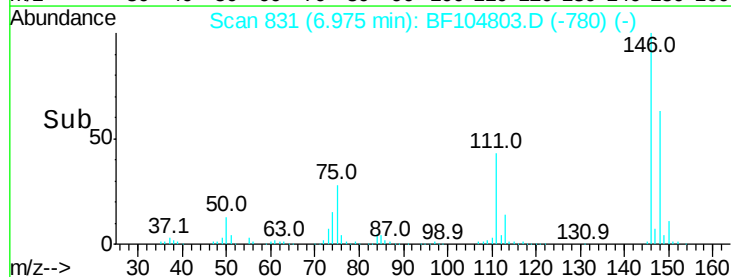
111 43.0 36.0 54.0

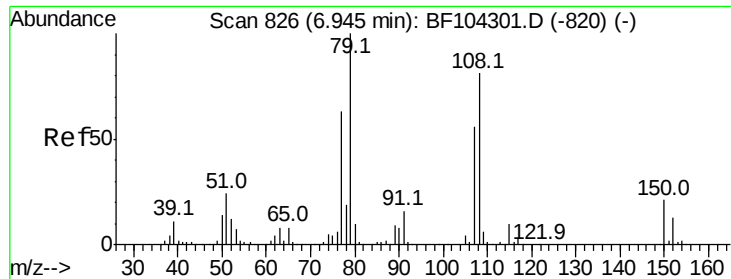


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.804 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampled :

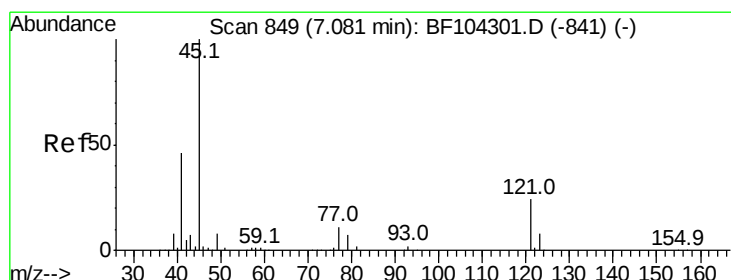
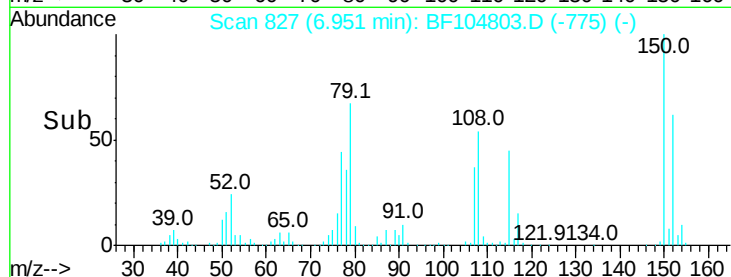
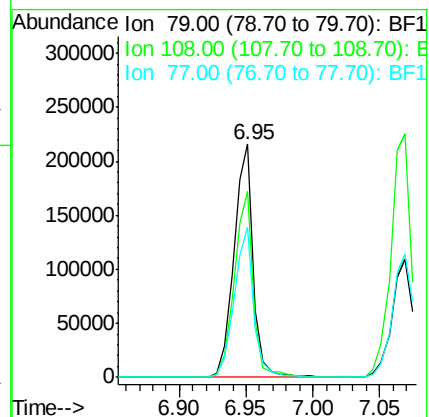
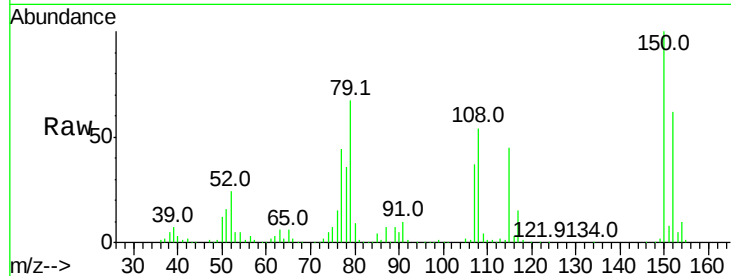
Tot Ion: 79 Resp: 218488

Ion Ratio Lower Upper

79 100

108 79.7 65.1 97.7

77 64.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.282 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

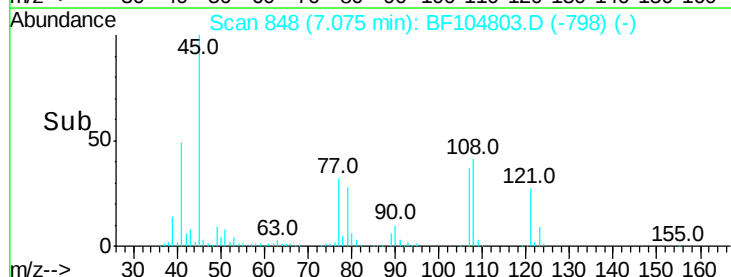
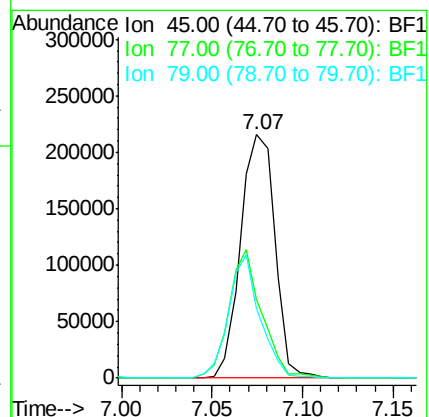
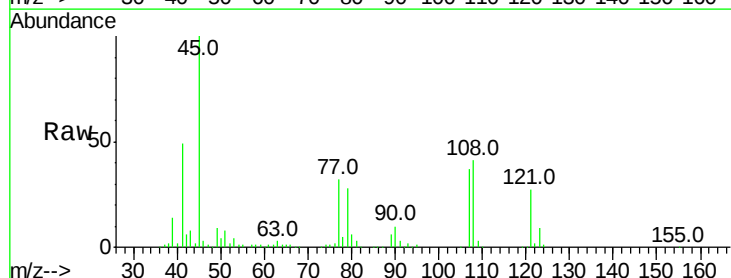
Tgt Ion: 45 Resp: 284604

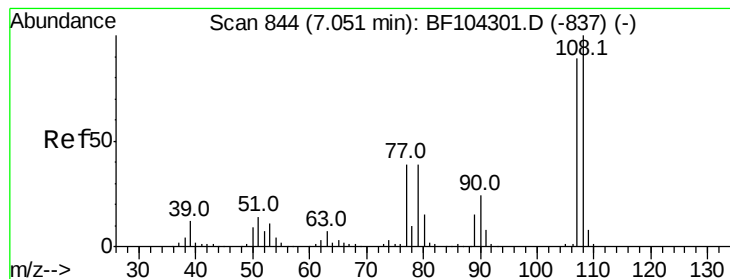
Ion Ratio Lower Upper

45 100

77 32.4 0.0 32.9

79 28.5 0.0 29.6

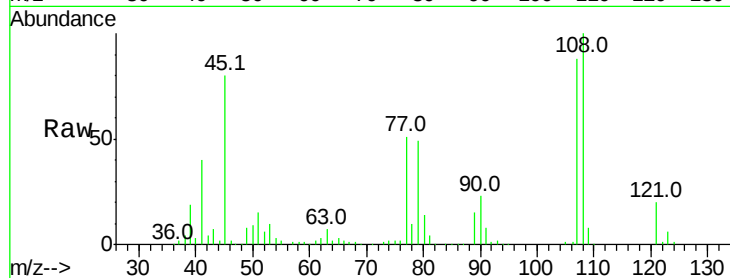




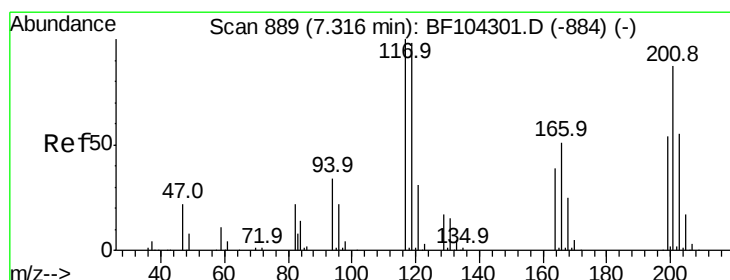
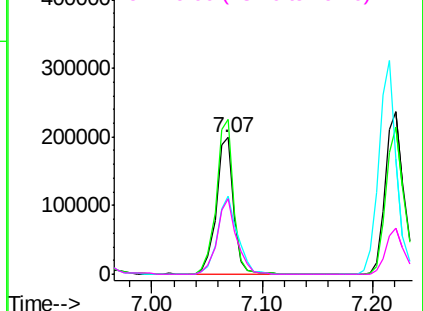
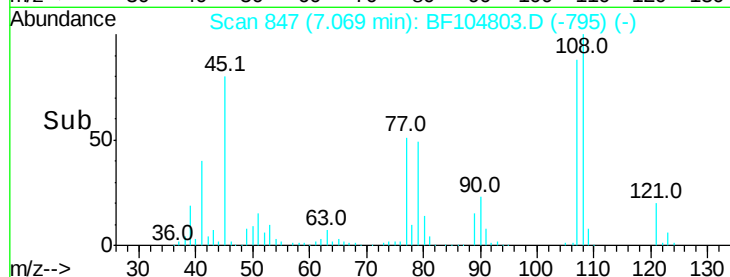
#17
2-Methylphenol
Concen: 34.833 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 214983
Ion Ratio Lower Upper
107 100
108 113.0 91.7 137.5
77 57.1 33.8 50.8#
79 54.9 33.8 50.8#

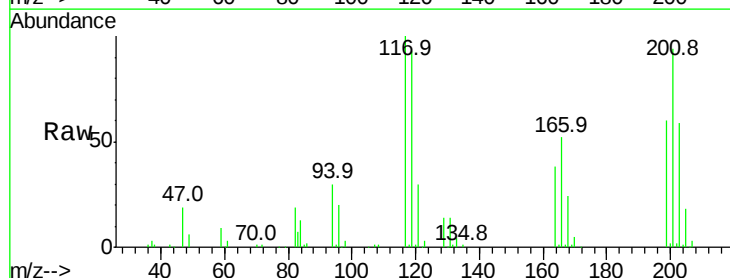


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

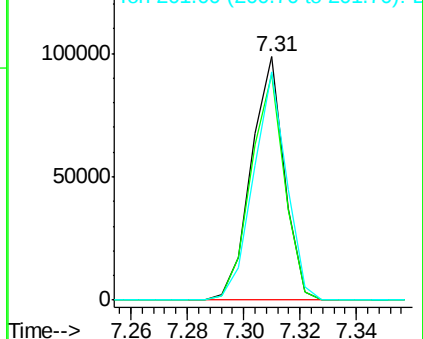
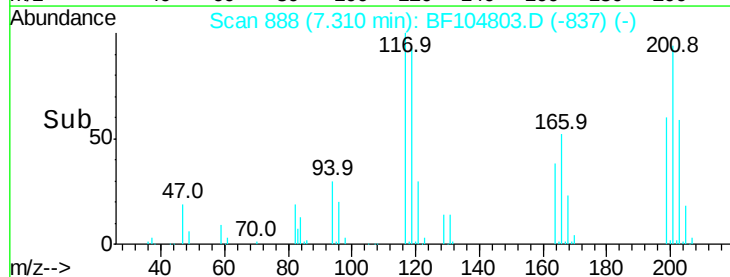


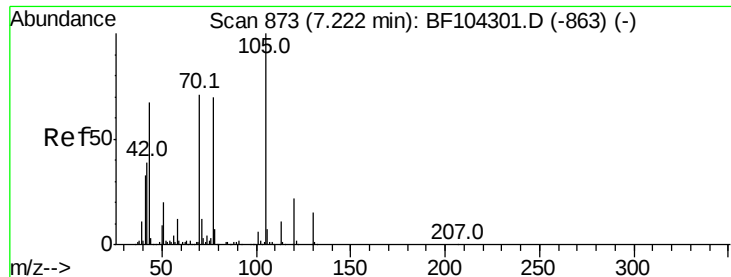
#18
Hexachloroethane
Concen: 27.860 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion:117 Resp: 79647
Ion Ratio Lower Upper
117 100
119 92.9 75.8 113.8
201 93.7 75.7 113.5



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

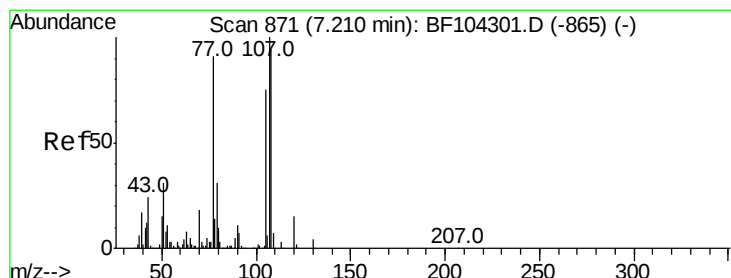
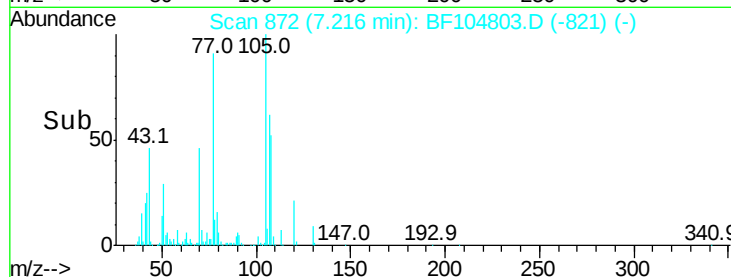
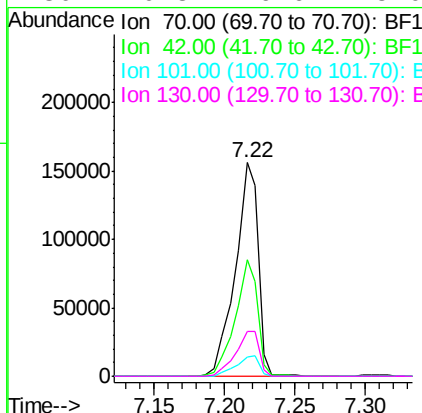
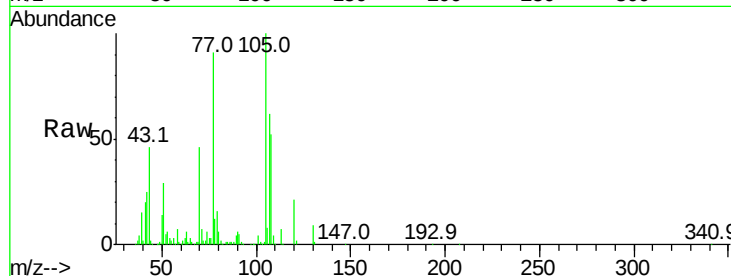




#19
n-Nitroso-di-n-propylamine
Concen: 32.523 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

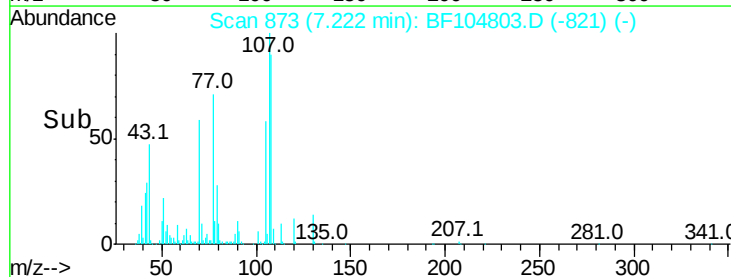
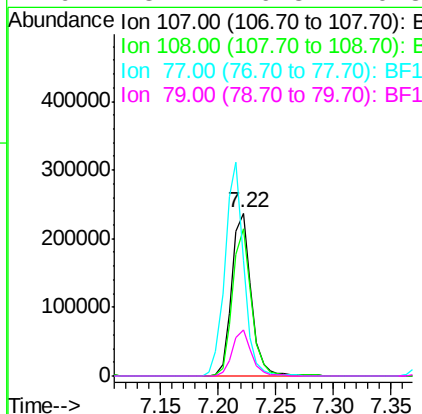
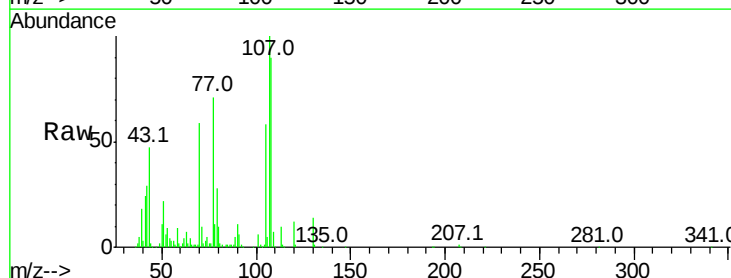
Instrument :
BNA_F
ClientSampleId :

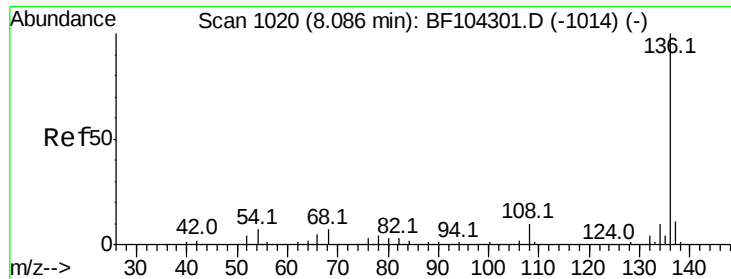
Tot Ion:	70	Resp:	175657
Ion	Ratio	Lower	Upper
70	100		
42	54.7	47.5	71.3
101	9.0	7.4	11.2
130	20.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.876 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion:	107	Resp:	274614
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.2	108.2
77	70.5	26.7	66.7#
79	28.4	6.3	46.3

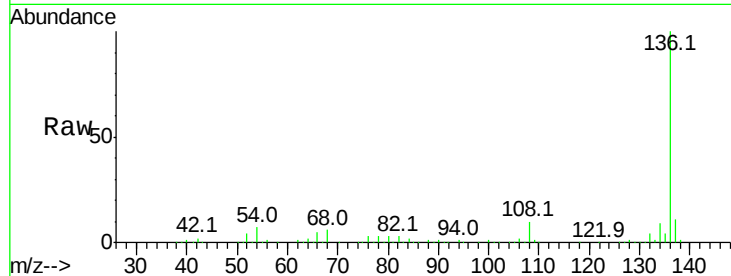




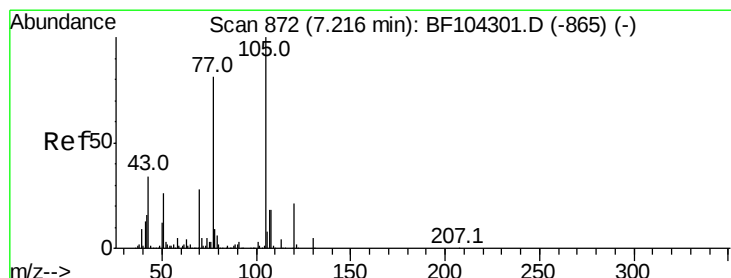
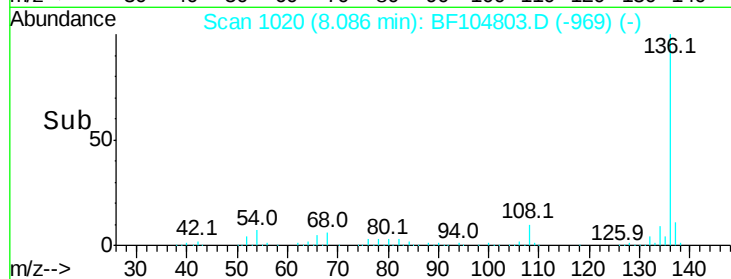
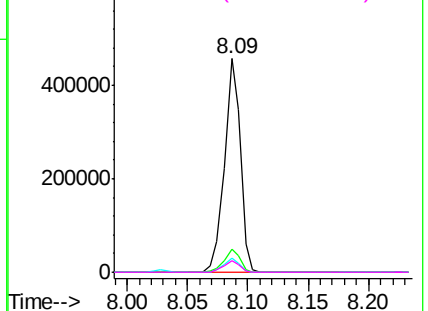
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	417774	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.9	13.3	
54 6.8	6.6	9.8	
68 5.6	5.0	7.4	

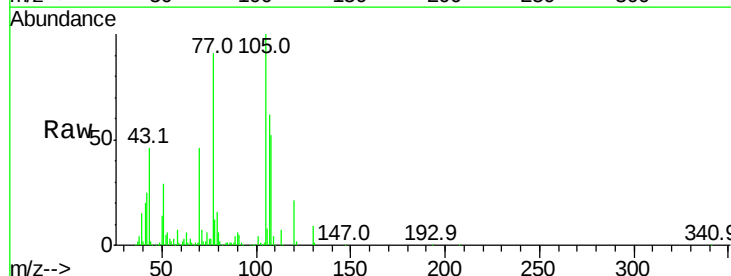


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

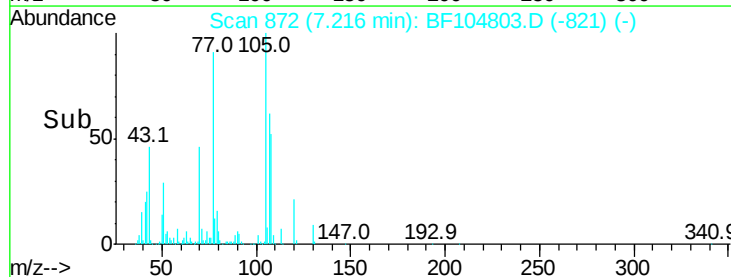
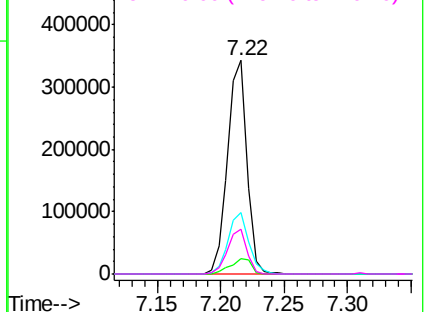


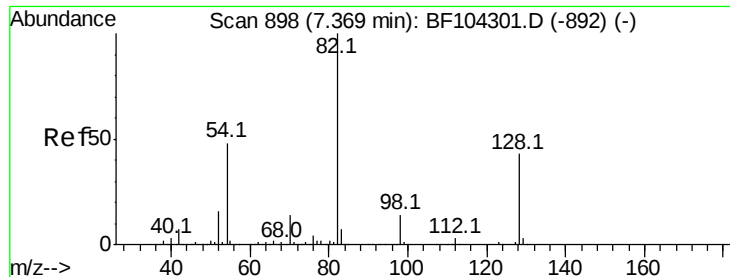
#22
Acetophenone
Concen: 35.237 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt	Ion:105	Resp:	362425
Ion	Ratio	Lower	Upper
105	100		
71	7.3	4.4	6.6#
51	28.7	22.3	33.5
120	21.3	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

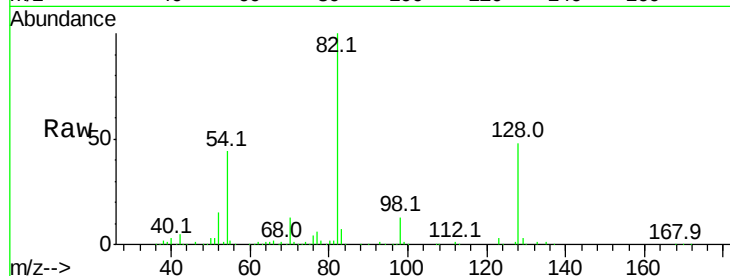




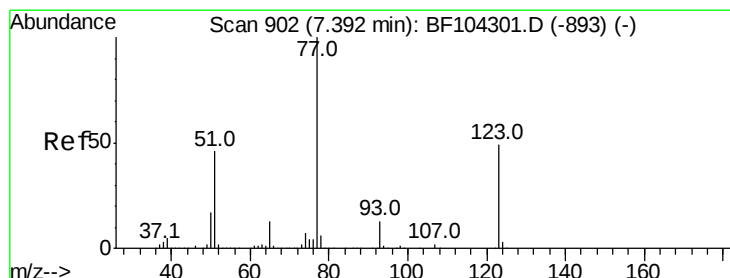
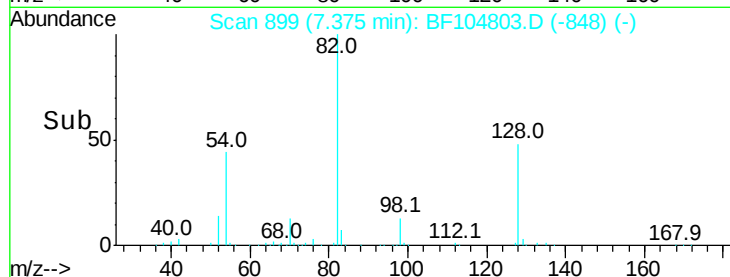
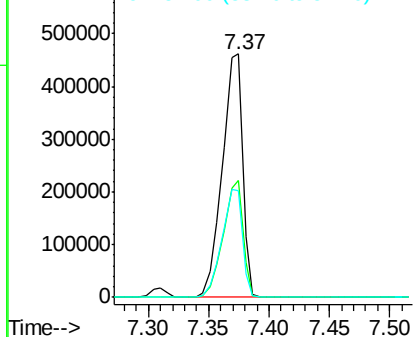
#23
 Nitrobenzene-d5
 Concen: 84.306 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 539384
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.1 54.1
 54 44.1 41.4 62.2

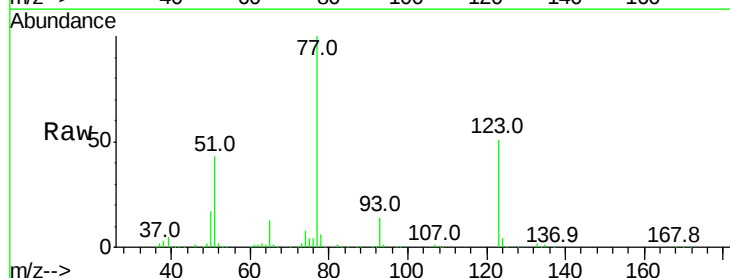


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

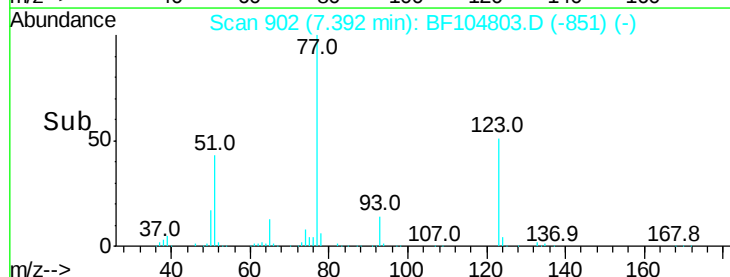
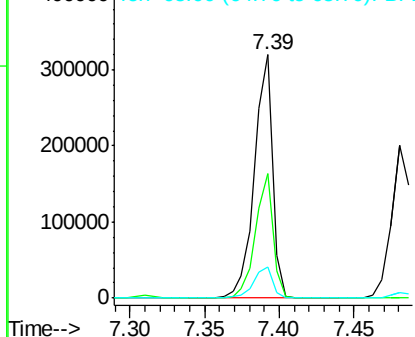


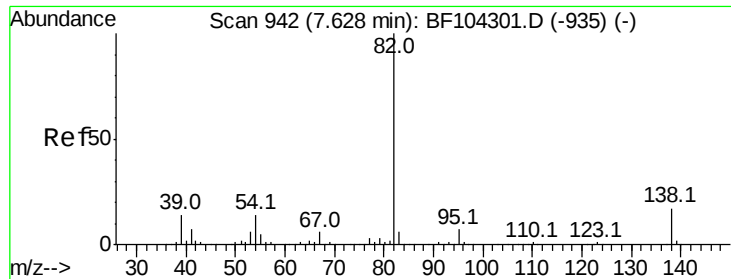
#24
 Nitrobenzene
 Concen: 38.167 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion: 77 Resp: 269602
 Ion Ratio Lower Upper
 77 100
 123 51.0 37.9 56.9
 65 12.8 11.0 16.4



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





#25

Isophorone

Concen: 35.861 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampleId :

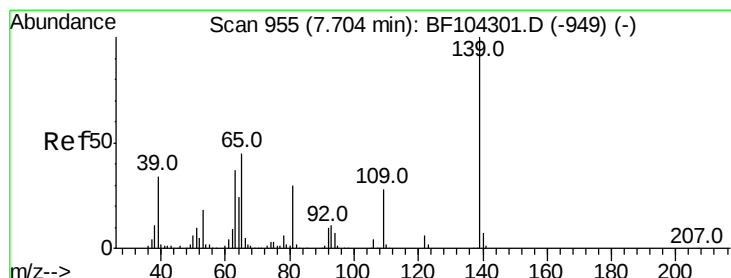
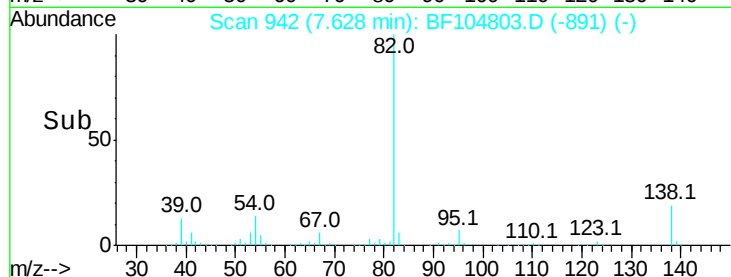
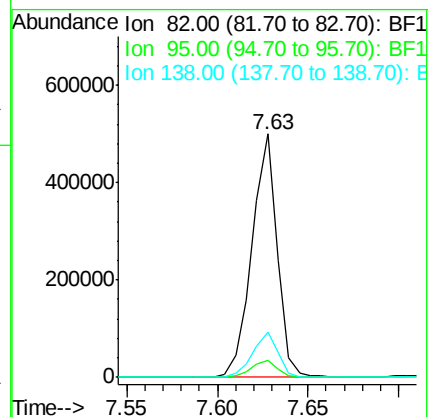
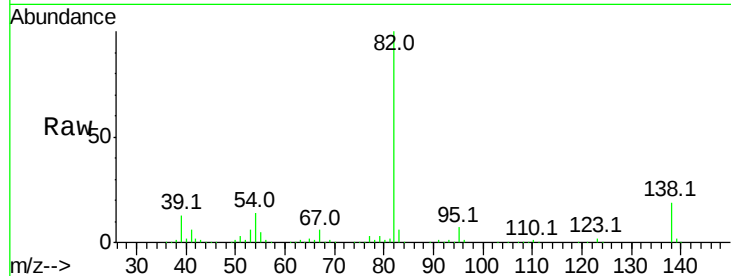
Tot Ion: 82 Resp: 485180

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 47.948 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

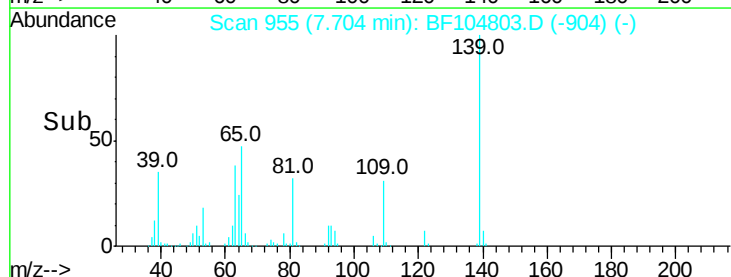
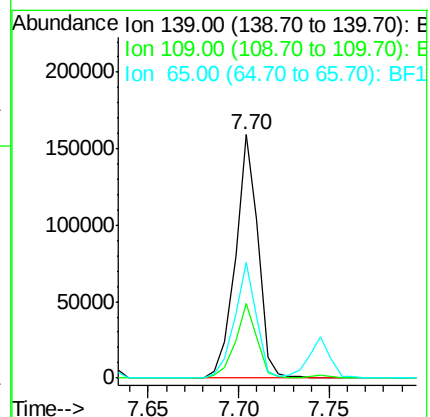
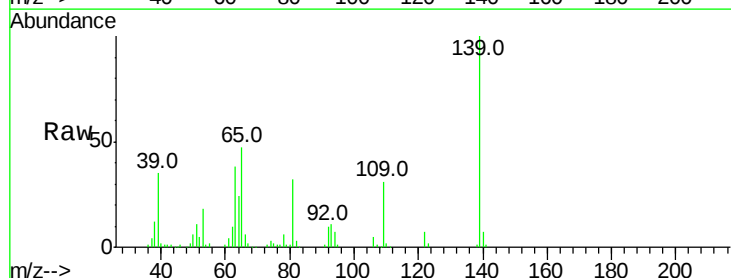
Tgt Ion: 139 Resp: 137882

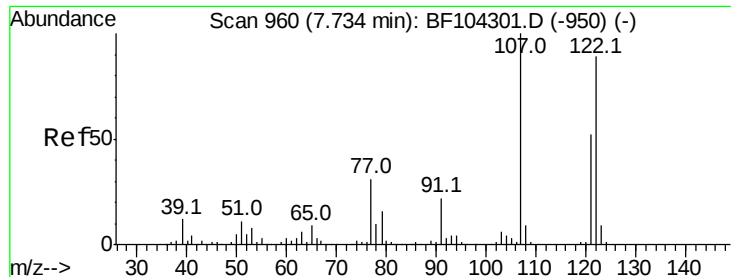
Ion Ratio Lower Upper

139 100

109 30.6 22.7 34.1

65 47.3 40.5 60.7

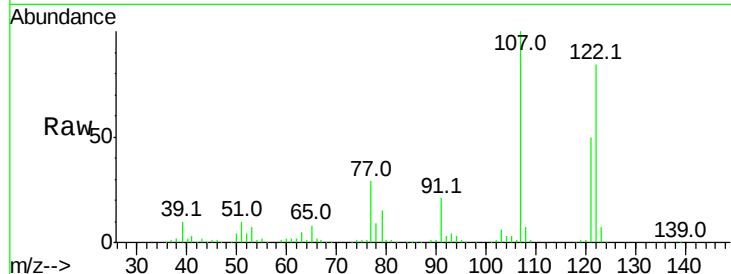




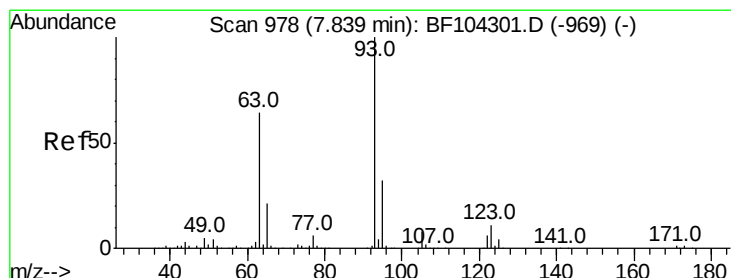
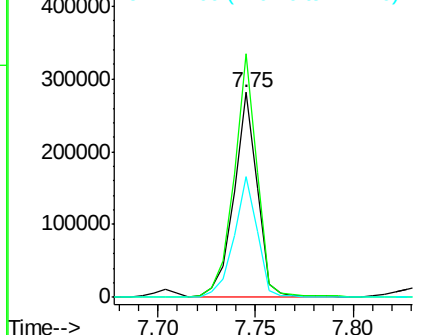
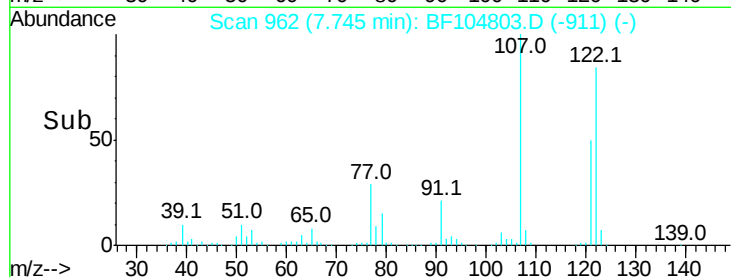
#27
 2,4-Dimethylphenol
 Concen: 38.795 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 231643
 Ion Ratio Lower Upper
 122 100
 107 118.9 91.2 136.8
 121 59.2 47.2 70.8

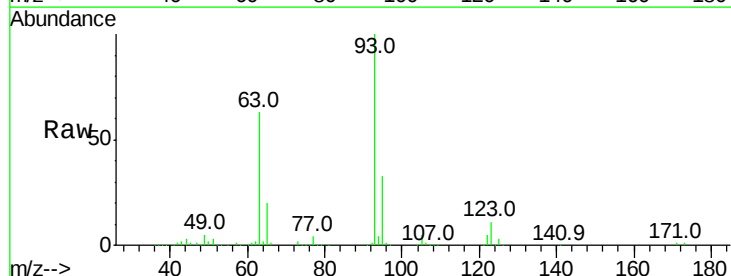


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

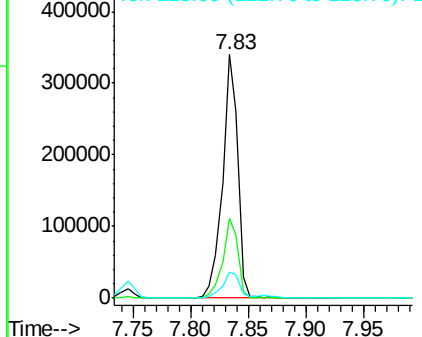
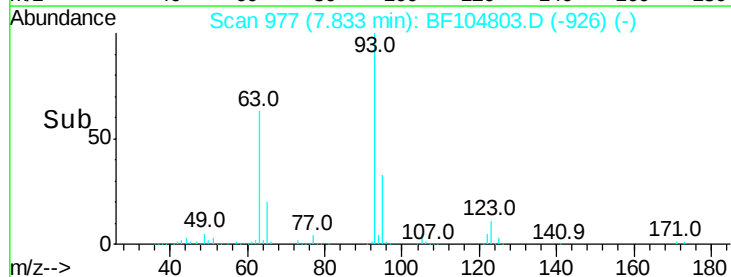


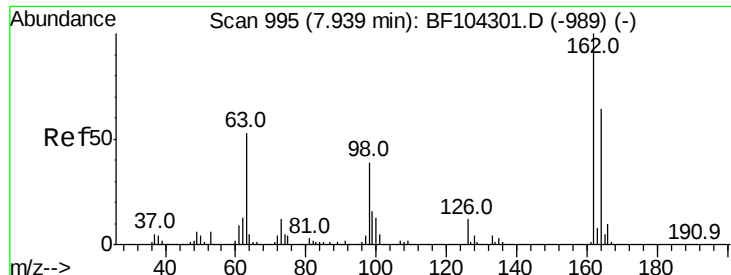
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.757 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion: 93 Resp: 312328
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 10.9 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

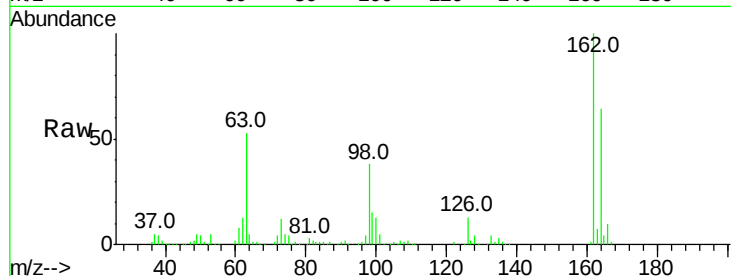




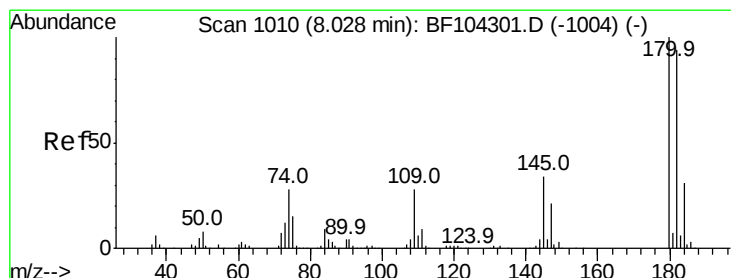
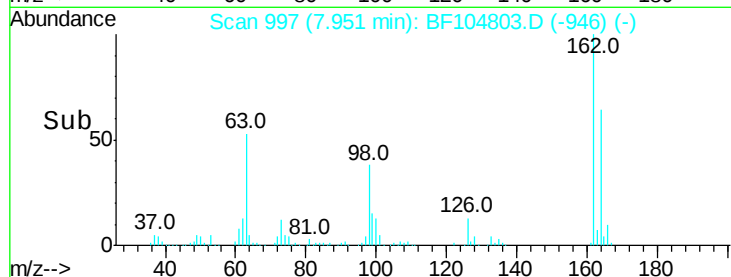
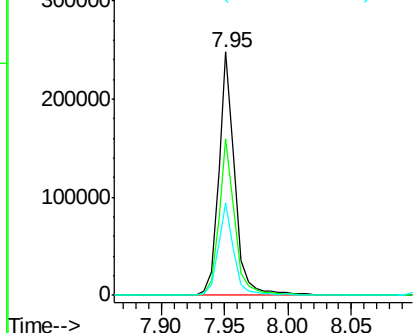
#29
2,4-Dichlorophenol
Concen: 38.698 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.7	82.7
98	38.0	18.1	58.1

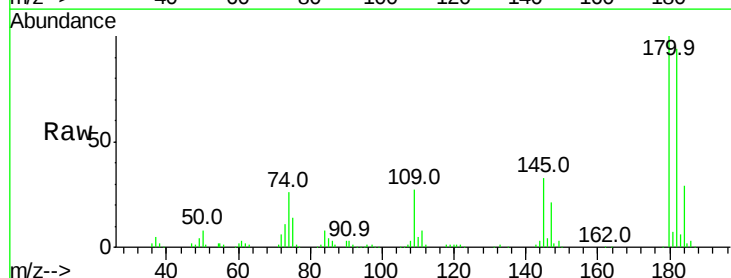


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

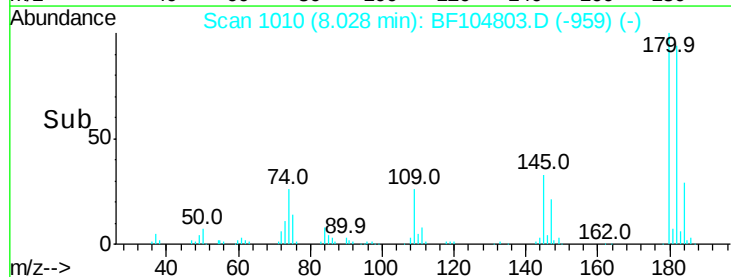
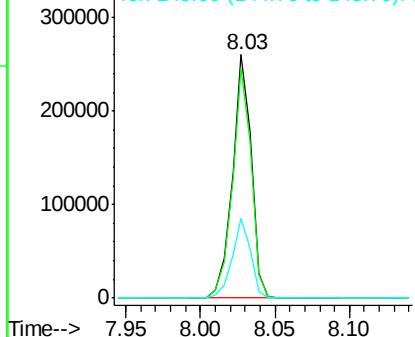


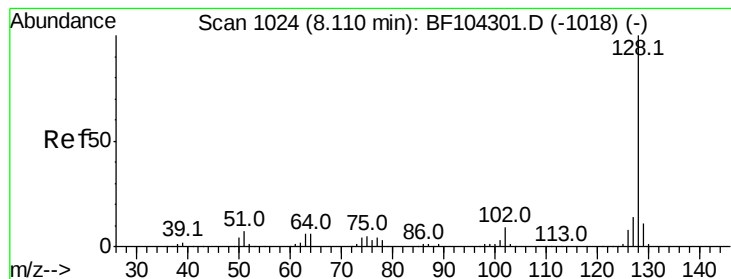
#30
1,2,4-Trichlorobenzene
Concen: 37.232 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.8	115.2
145	32.7	26.5	39.7



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





#31

Naphthalene

Concen: 36.437 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampleId :

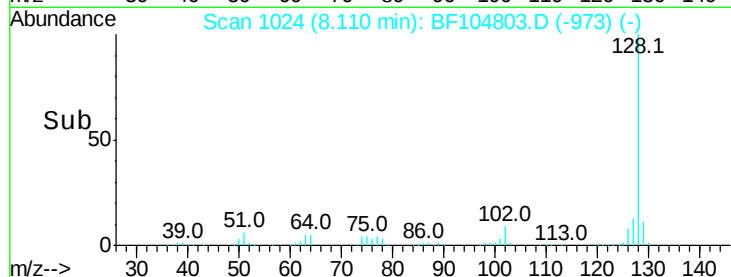
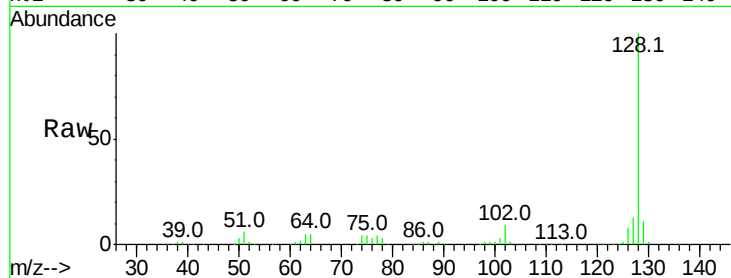
Tot Ion:128 Resp: 757998

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

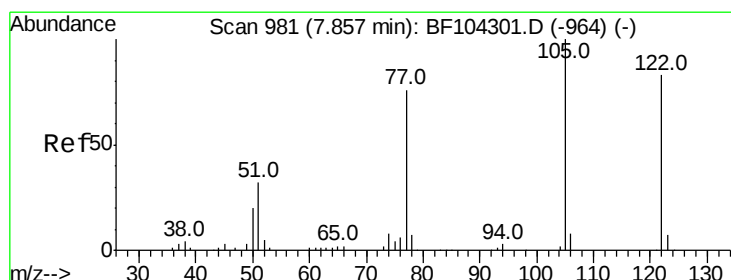
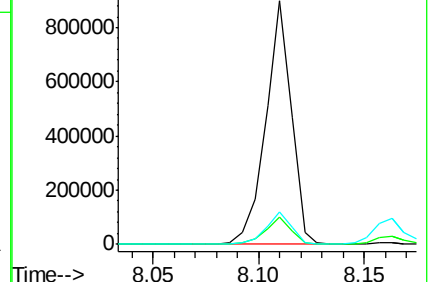
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.177 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

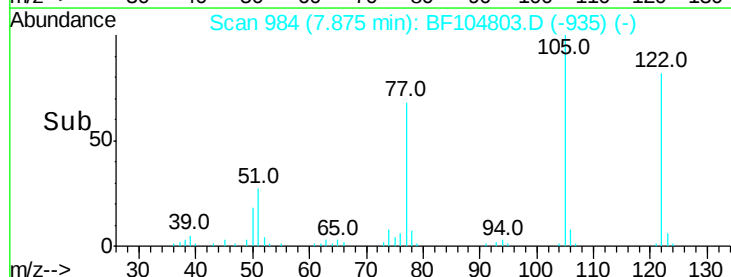
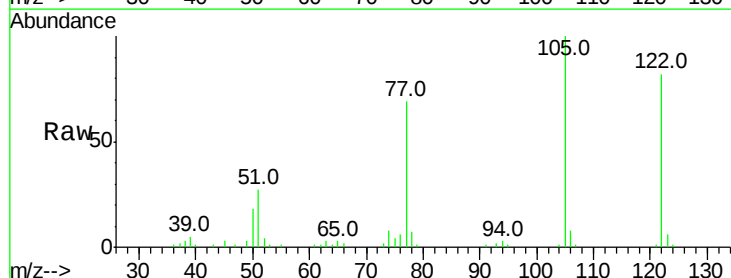
Tgt Ion:122 Resp: 100889

Ion Ratio Lower Upper

122 100

105 121.6 101.1 141.1

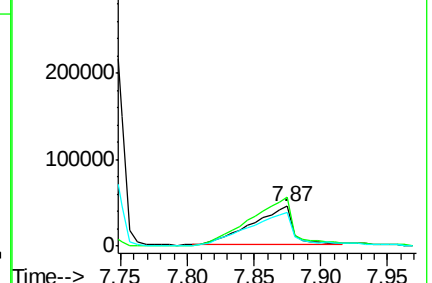
77 84.4 70.7 110.7

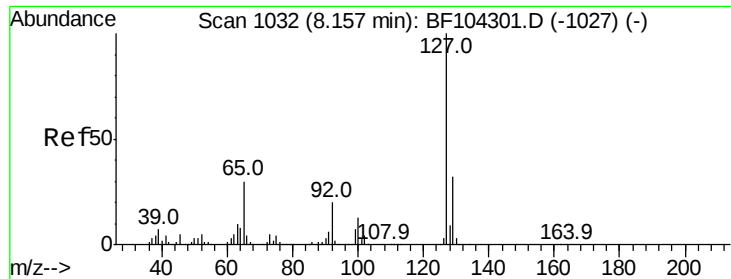


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

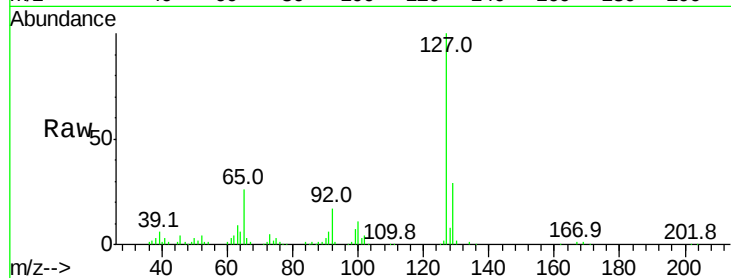




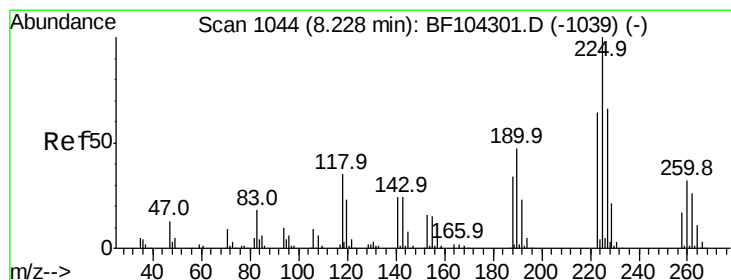
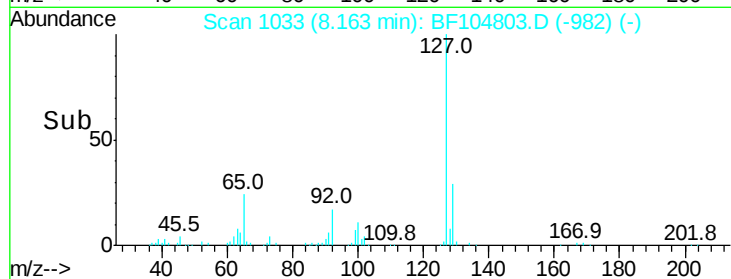
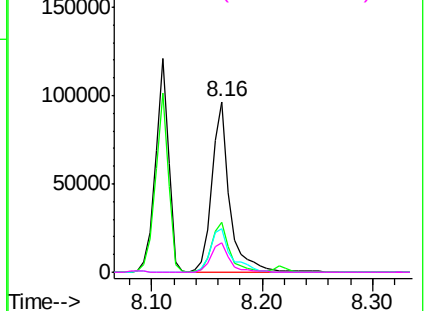
#33
4-Chloroaniline
Concen: 11.936 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	106378
Ion	Ratio	Lower	Upper
127	100		
129	29.1	25.9	38.9
65	25.8	25.0	37.4
92	17.0	15.2	22.8

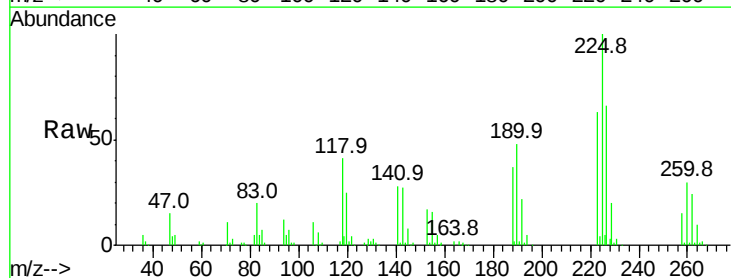


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

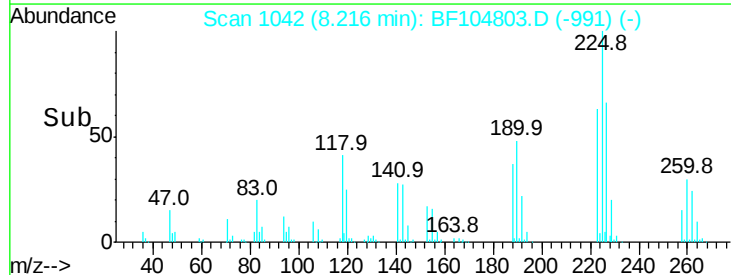
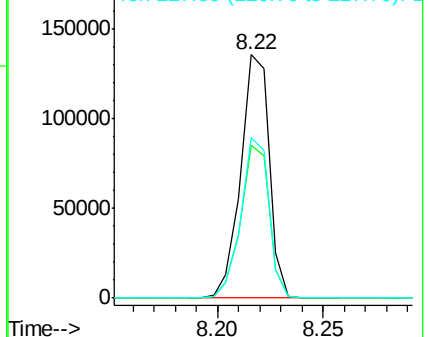


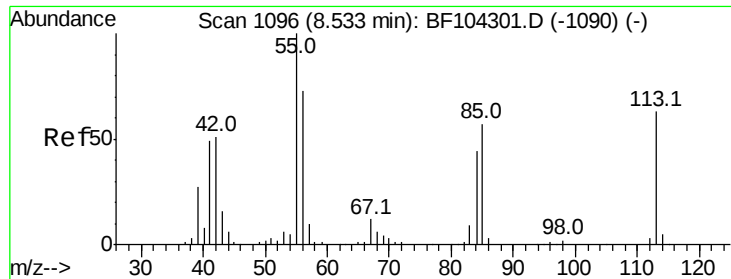
#34
Hexachlorobutadiene
Concen: 37.049 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion:	225	Resp:	126880
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	66.1	51.9	77.9



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





#35

Caprolactam

Concen: 33.246 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampled :

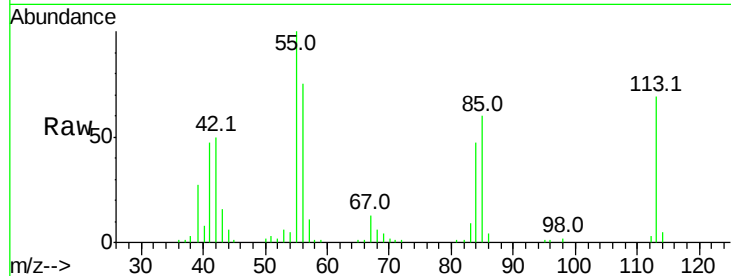
Tot Ion:113 Resp: 66074

Ion Ratio Lower Upper

113 100

55 144.1 163.3 203.3#

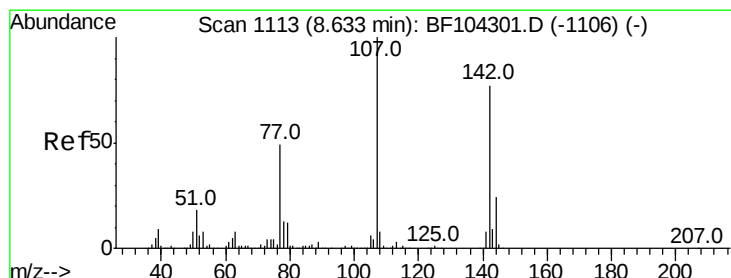
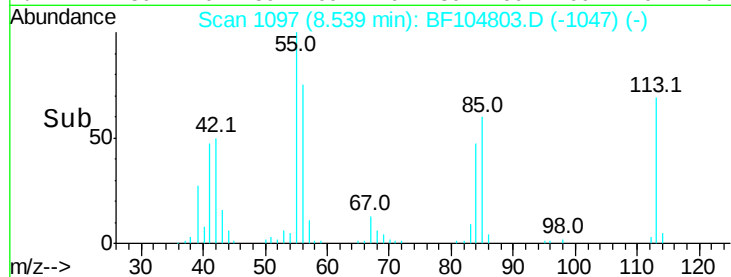
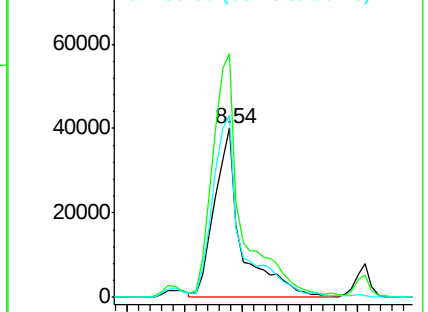
56 107.7 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.975 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

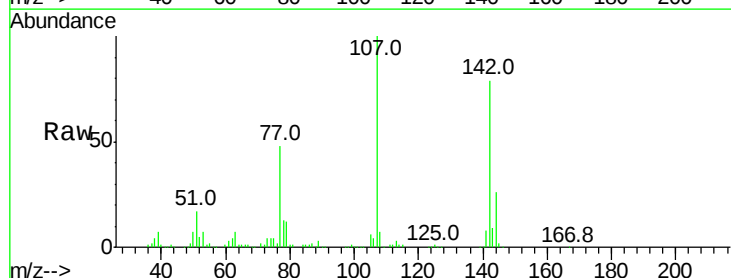
Tgt Ion:107 Resp: 231987

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

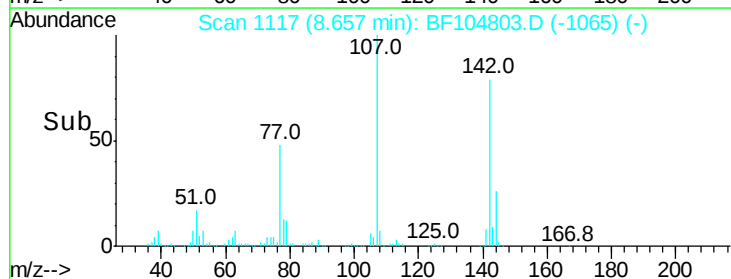
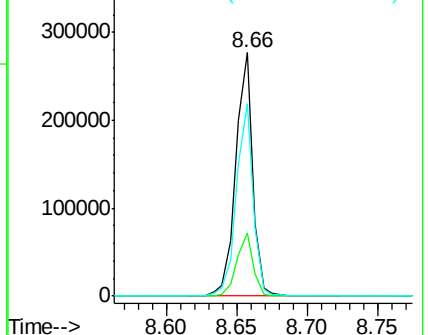
142 79.1 62.0 93.0

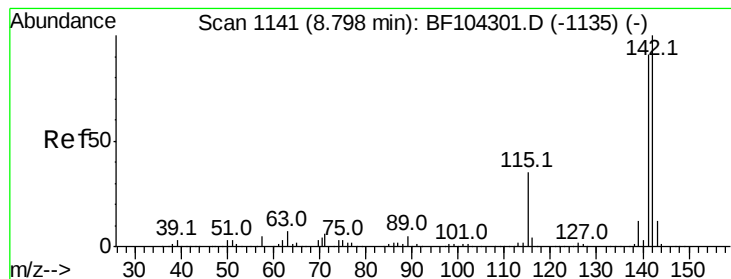


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

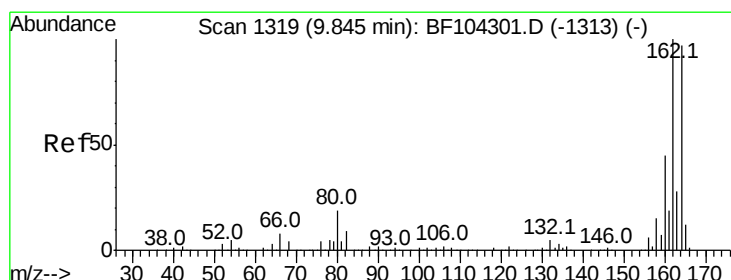
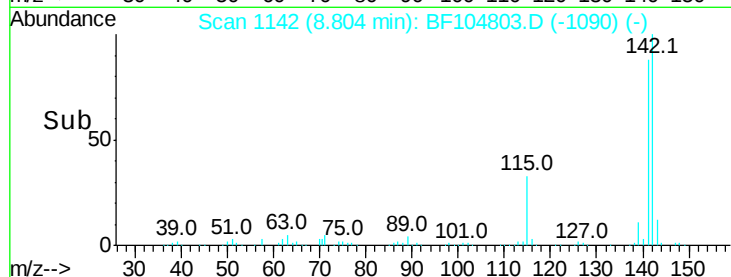
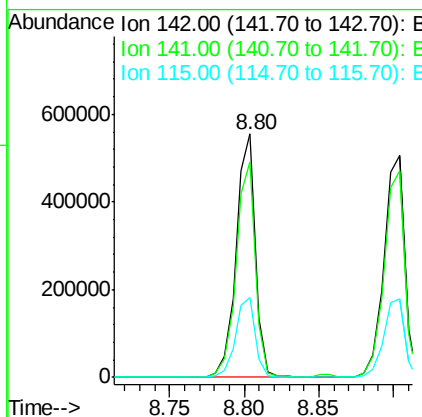
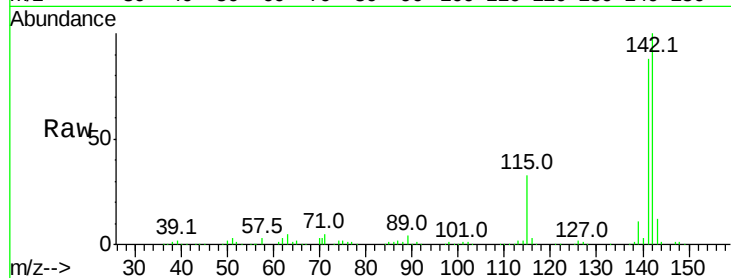




#37
 2-Methylnaphthalene
 Concen: 37.380 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

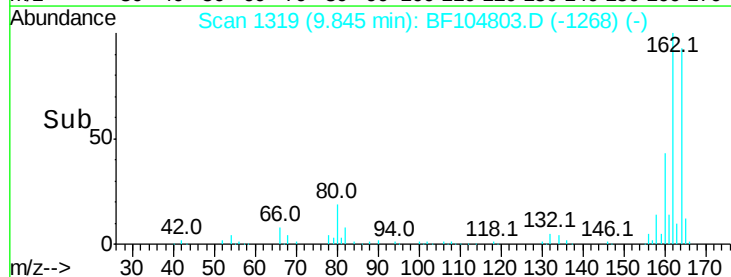
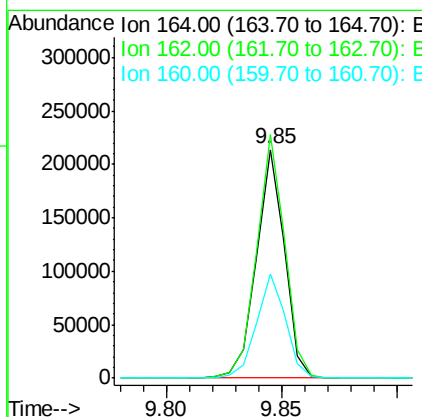
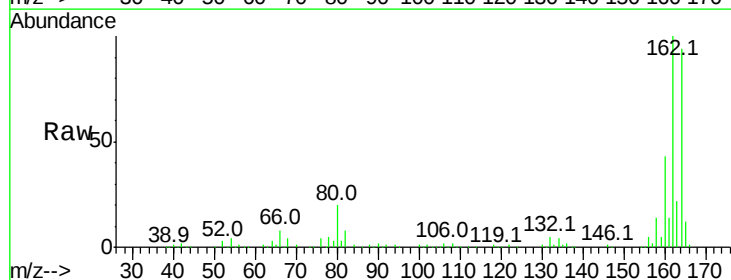
Instrument :
 BNA_F
 ClientSampleId :

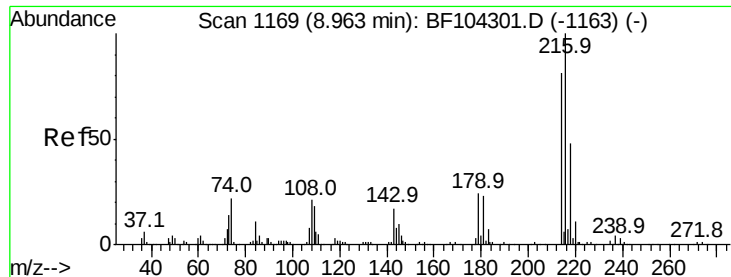
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	33.0	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	45.6	38.3	57.5

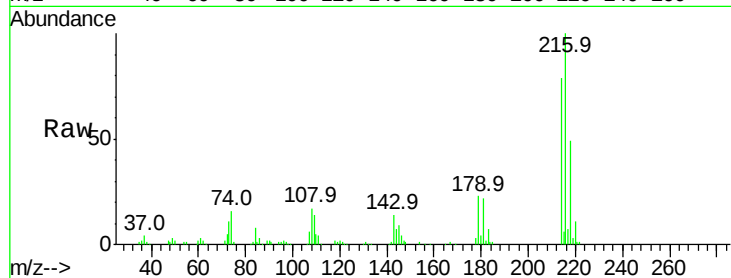




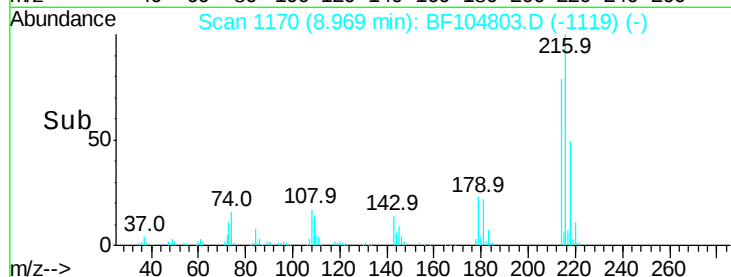
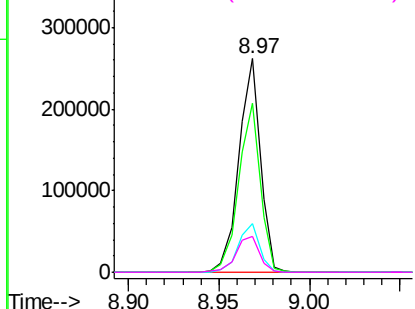
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.818 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	216454
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	22.6	18.1	27.1
108	18.6	17.2	25.8

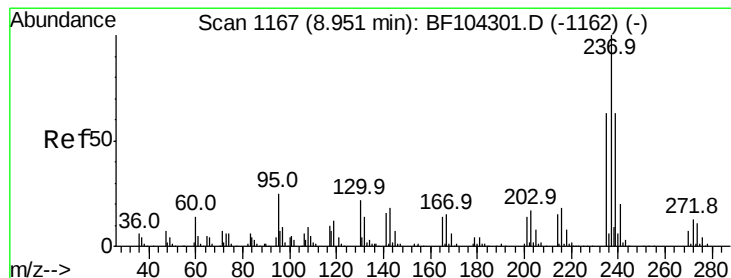


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

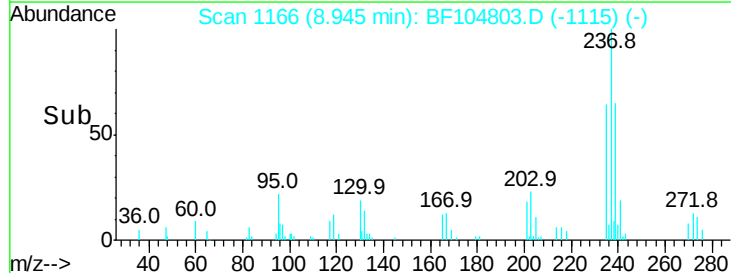
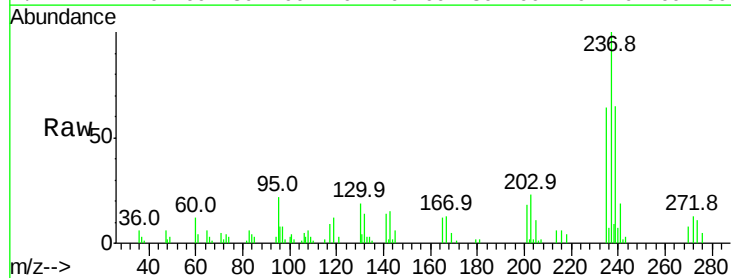
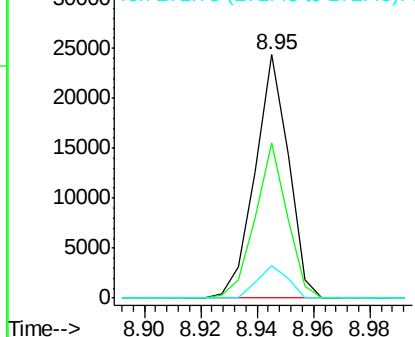


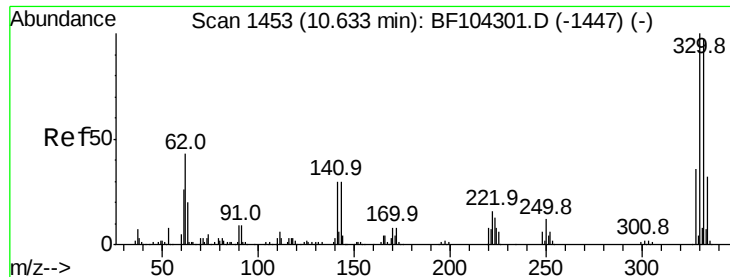
#40
 Hexachlorocyclopentadiene
 Concen: 6.915 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion:	237	Resp:	20037
Ion	Ratio	Lower	Upper
237	100		
235	63.6	44.8	84.8
272	13.4	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

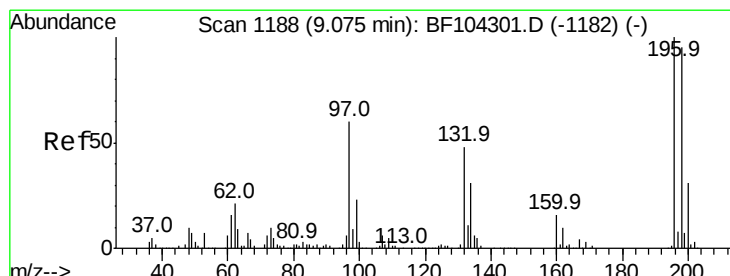
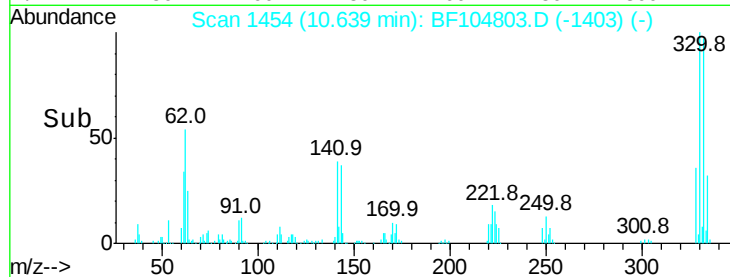
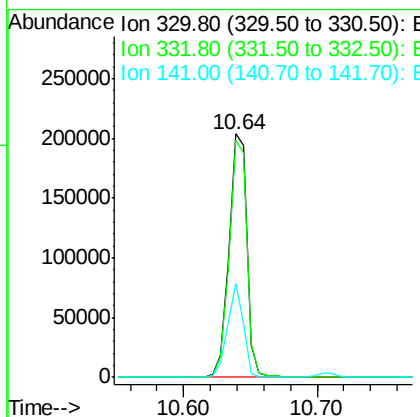
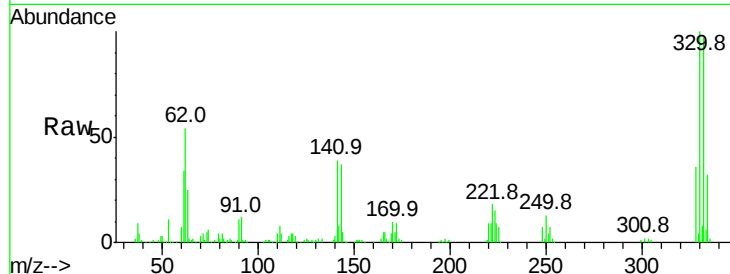




#41
 2,4,6-Tribromophenol
 Concen: 103.797 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

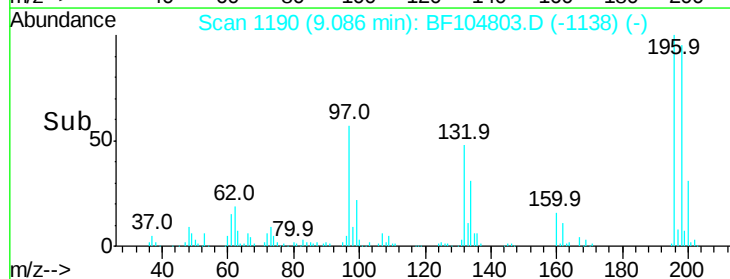
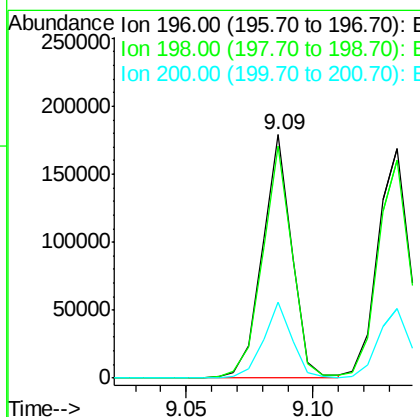
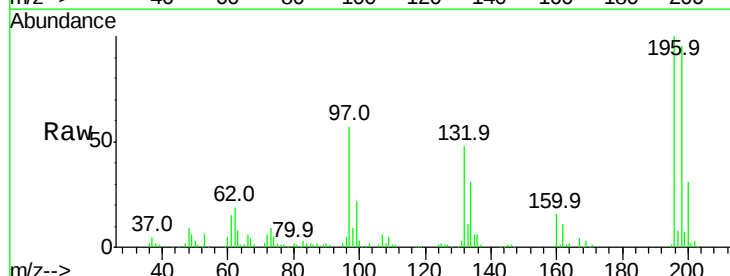
Instrument :
 BNA_F
 ClientSampled :

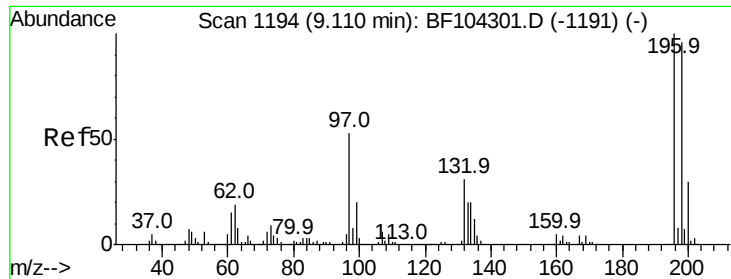
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	34.6	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.654 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
200	31.1	24.5	36.7

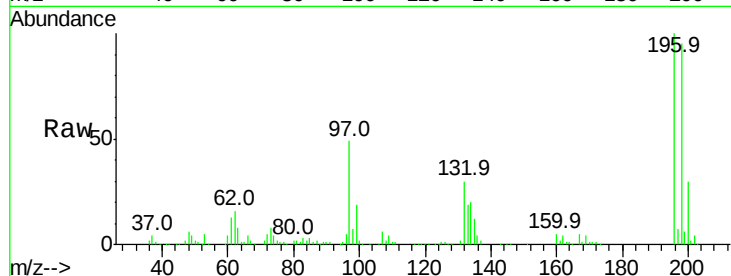




#43
 2,4,5-Trichlorophenol
 Concen: 38.269 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.6	112.0
97	48.6	42.9	64.3
132	29.7	26.3	39.5



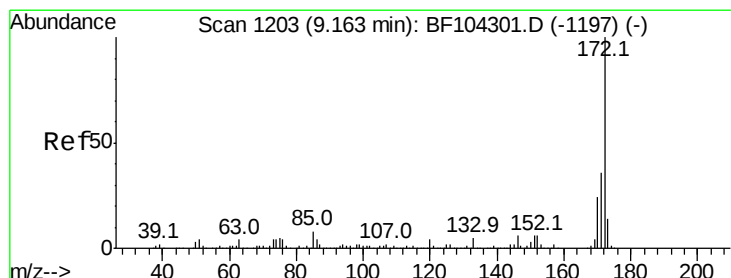
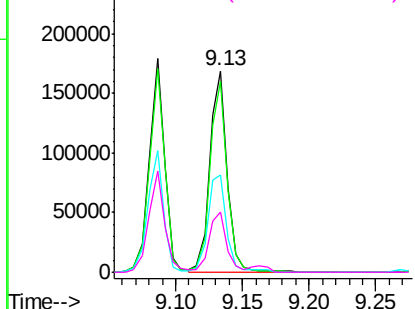
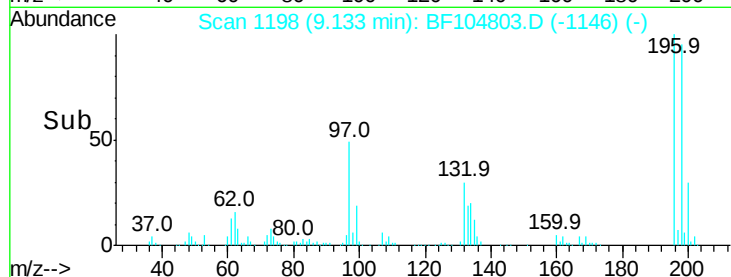
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

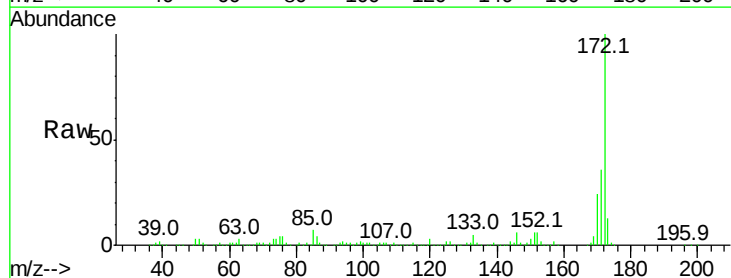
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.569 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4

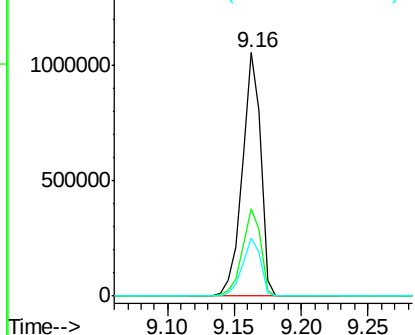
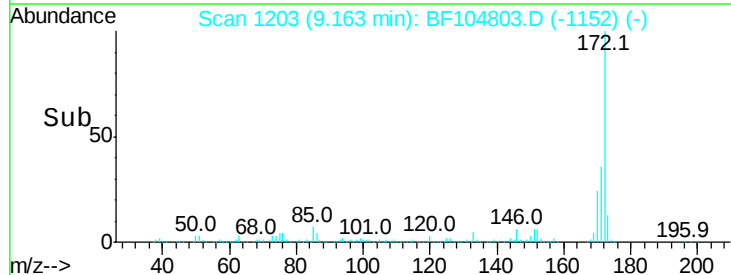


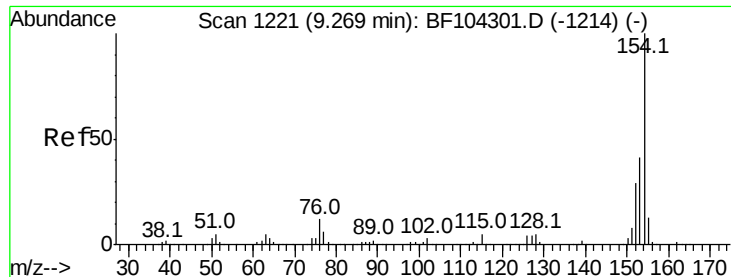
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.767 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampleId :

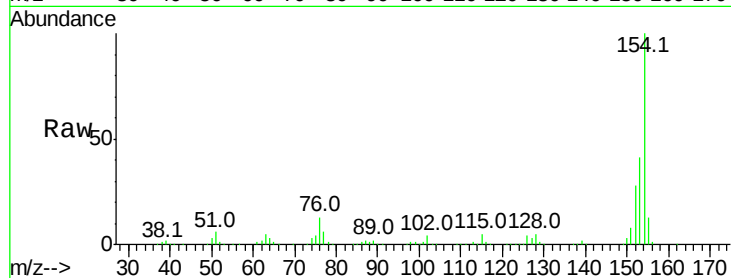
Tot Ion:154 Resp: 588882

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

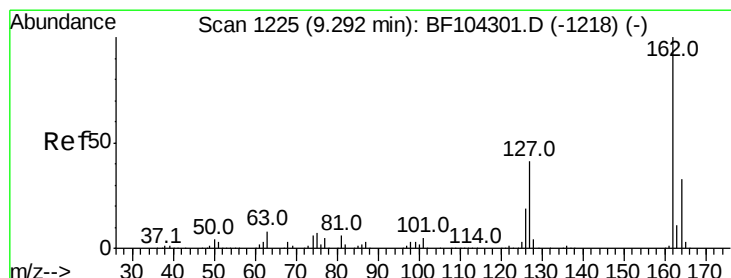
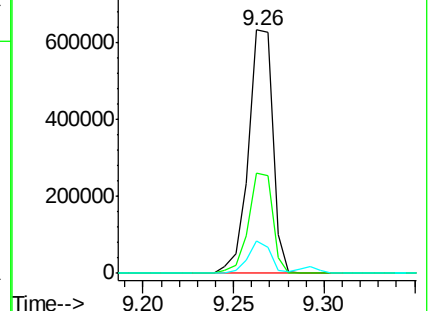
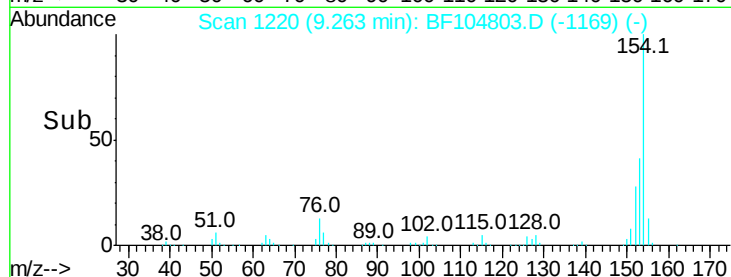
76 13.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.060 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

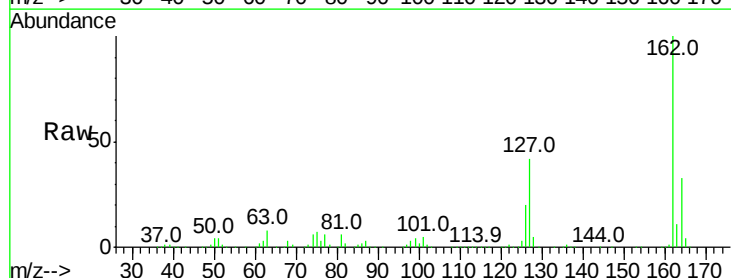
Tgt Ion:162 Resp: 456660

Ion Ratio Lower Upper

162 100

127 41.9 33.9 50.9

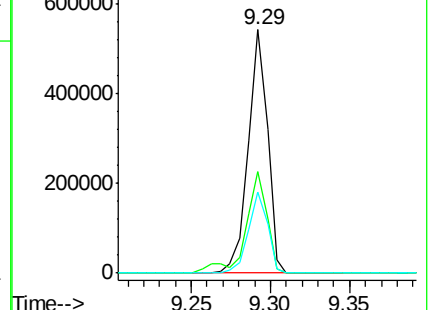
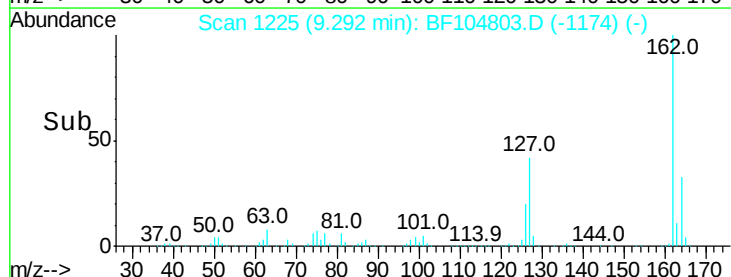
164 33.3 26.5 39.7

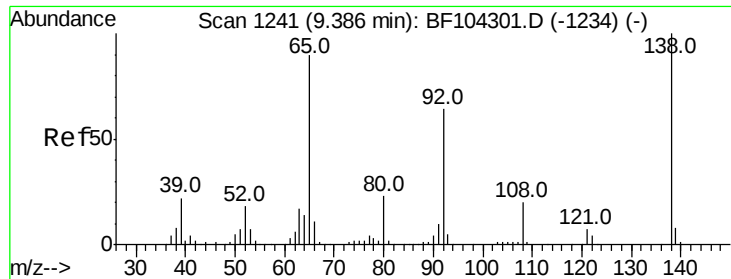


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

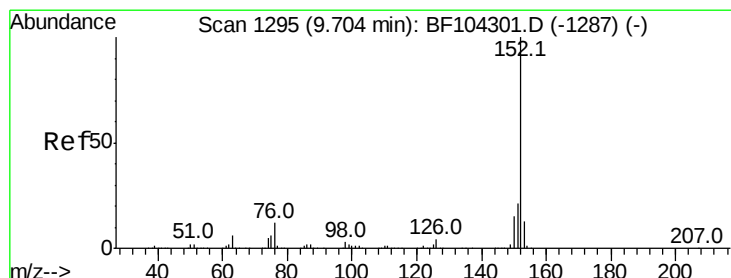
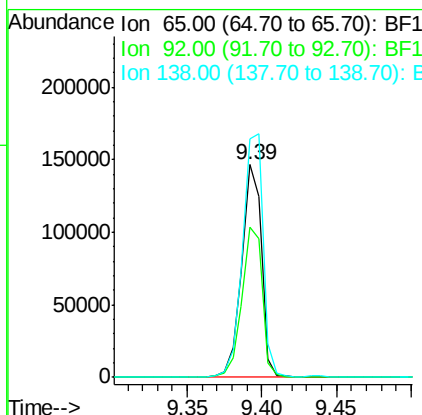
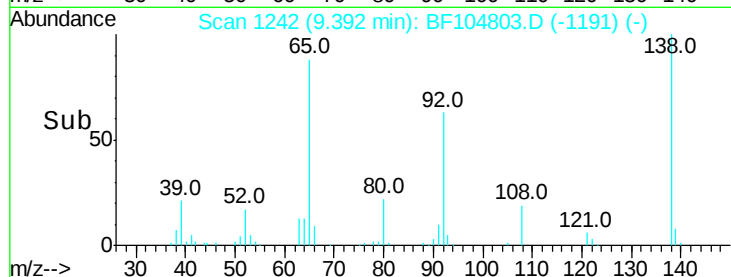
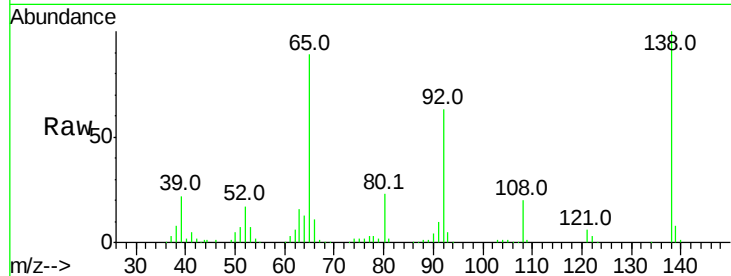




#47
 2-Nitroaniline
 Concen: 45.913 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

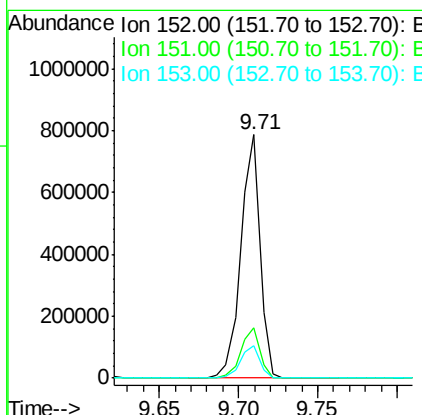
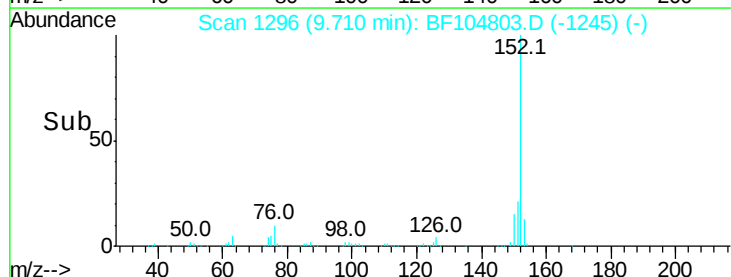
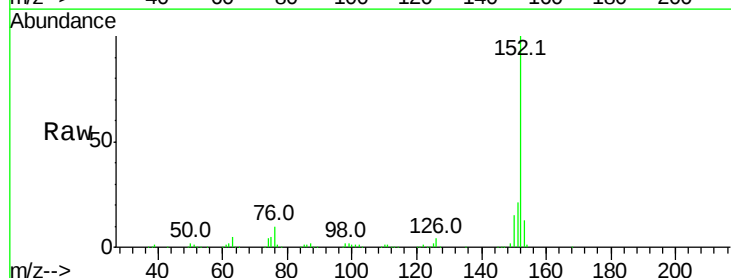
Instrument :
 BNA_F
 ClientSampleID :

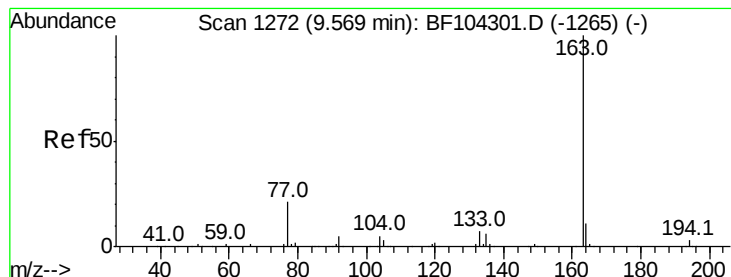
Tot Ion: 65 Resp: 136232
 Ion Ratio Lower Upper
 65 100
 92 70.9 55.8 83.6
 138 112.3 91.2 136.8



#48
 Acenaphthylene
 Concen: 35.070 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion:152 Resp: 660196
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 39.364 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampleId :

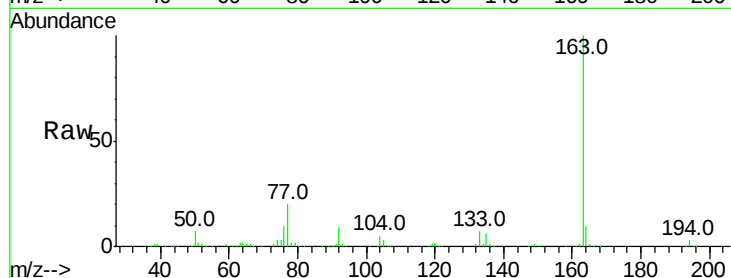
Tot Ion:163 Resp: 561295

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

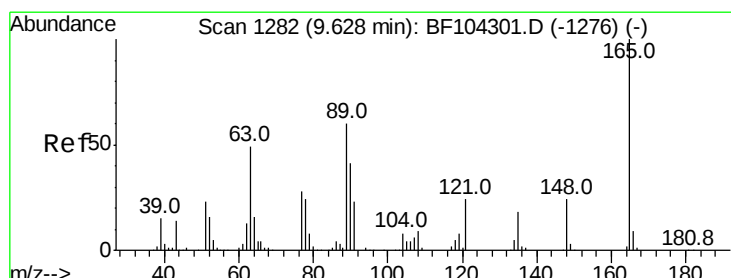
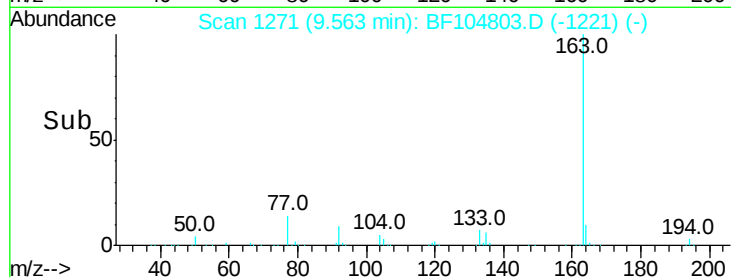
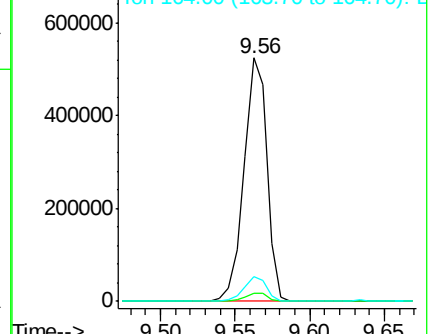
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.309 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

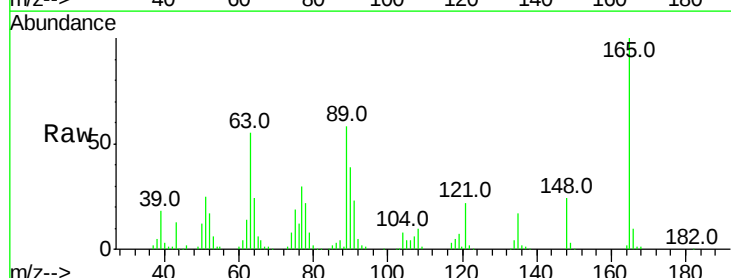
Tgt Ion:165 Resp: 114270

Ion Ratio Lower Upper

165 100

63 55.0 44.7 67.1

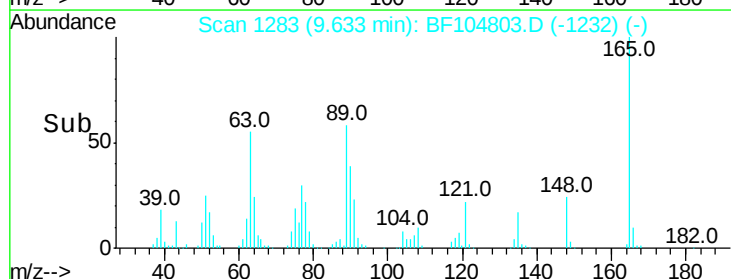
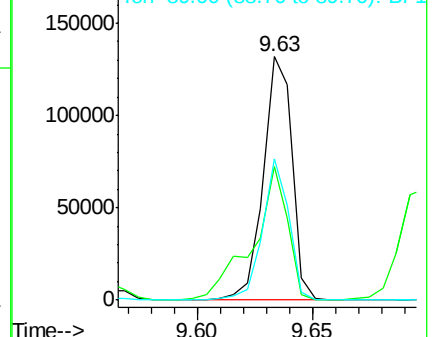
89 57.8 44.0 66.0

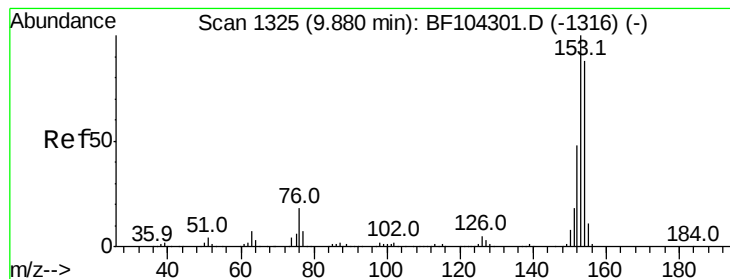


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 33.917 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampleId :

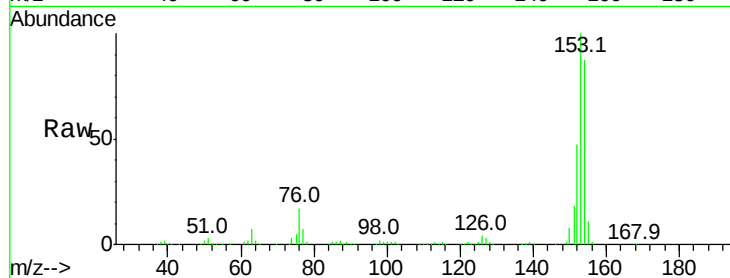
Tot Ion:154 Resp: 389566

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

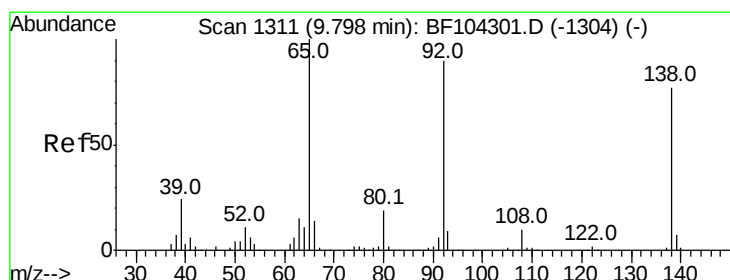
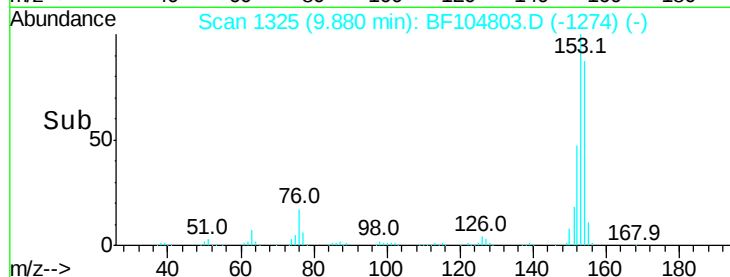
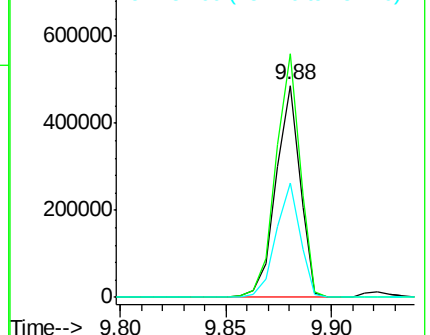
152 53.8 43.8 65.8



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: 28.227 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

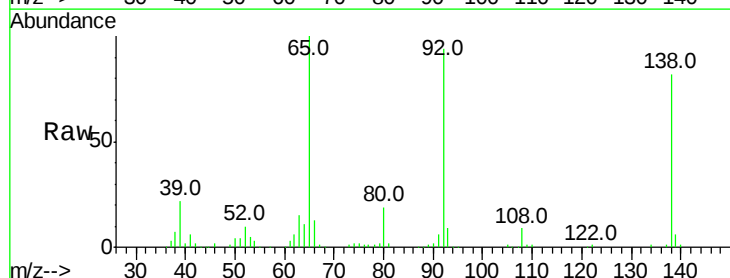
Tgt Ion:138 Resp: 87190

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

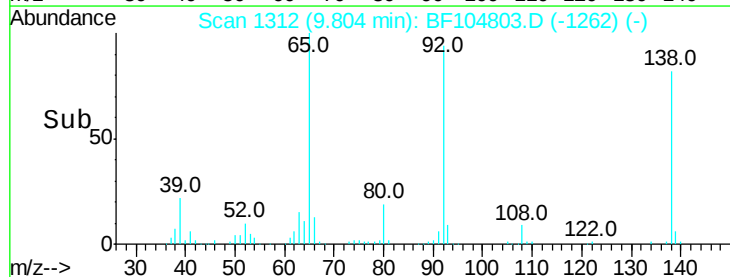
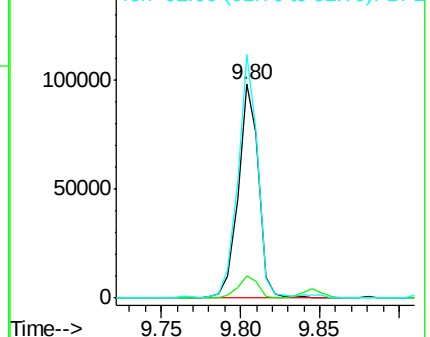
92 114.0 89.4 134.2

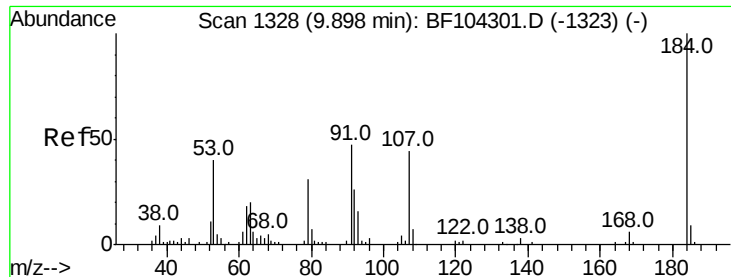


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

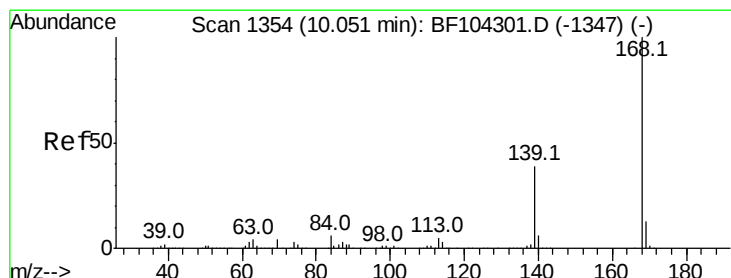
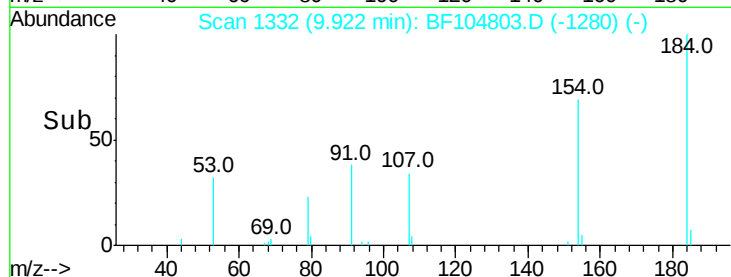
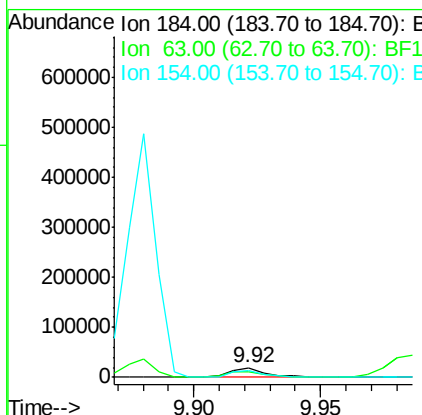
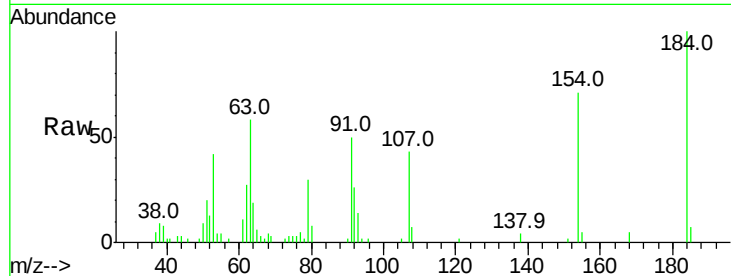




#53
 2,4-Dinitrophenol
 Concen: 27.863 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

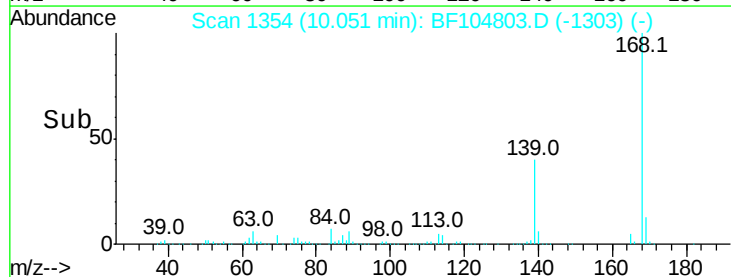
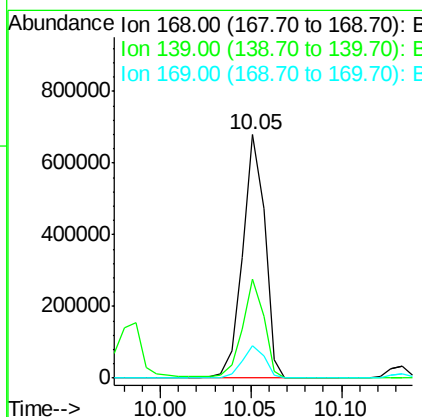
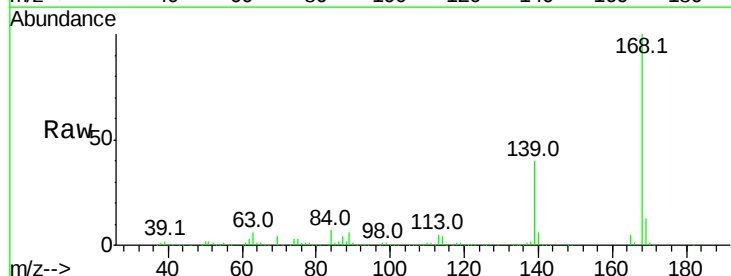
Instrument :
 BNA_F
 ClientSampleId :

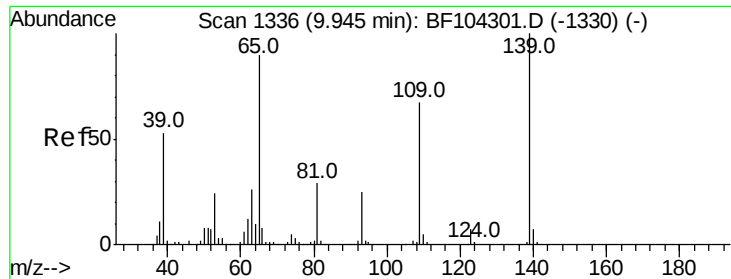
Tot Ion:184 Resp: 19358
 Ion Ratio Lower Upper
 184 100
 63 57.8 54.2 81.2
 154 71.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 36.160 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion:168 Resp: 578803
 Ion Ratio Lower Upper
 168 100
 139 40.4 30.1 45.1
 169 13.5 10.9 16.3

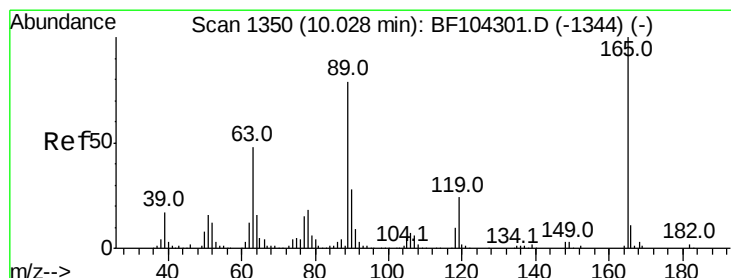
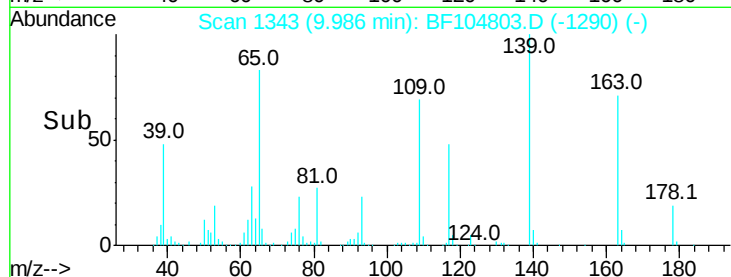
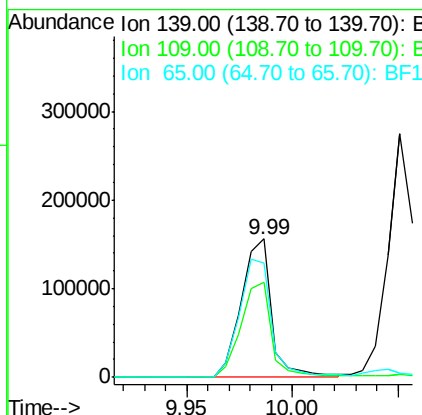
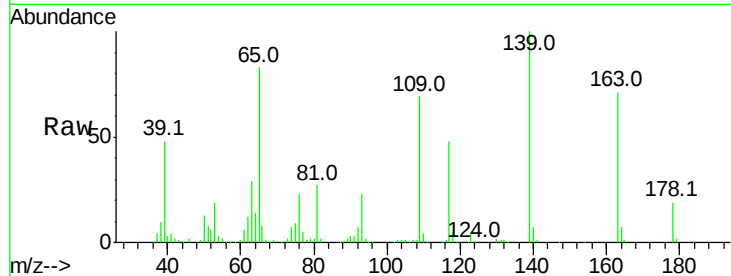




#55
4-Nitrophenol
Concen: 64.295 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

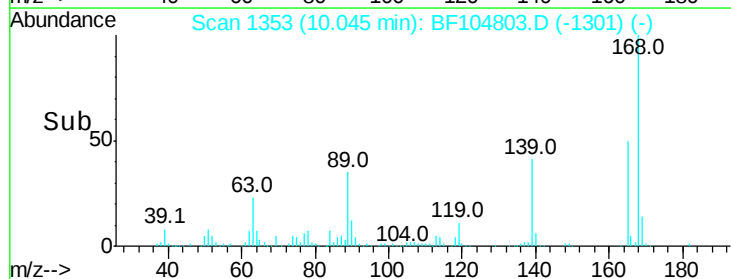
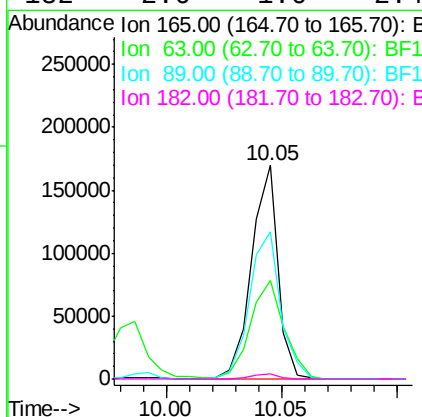
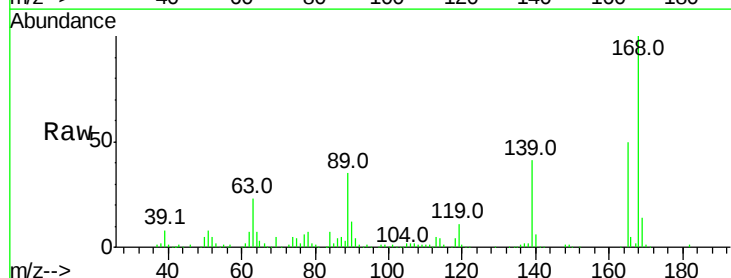
Instrument :
BNA_F
ClientSampled :

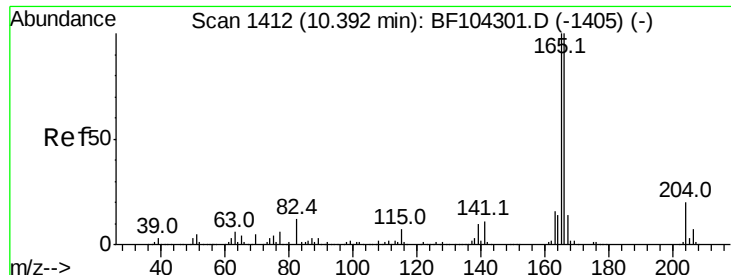
Tot Ion:139 Resp: 156005
Ion Ratio Lower Upper
139 100
109 68.6 48.4 88.4
65 82.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.351 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion:165 Resp: 136190
Ion Ratio Lower Upper
165 100
63 45.9 36.4 54.6
89 68.7 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 39.071 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampleId :

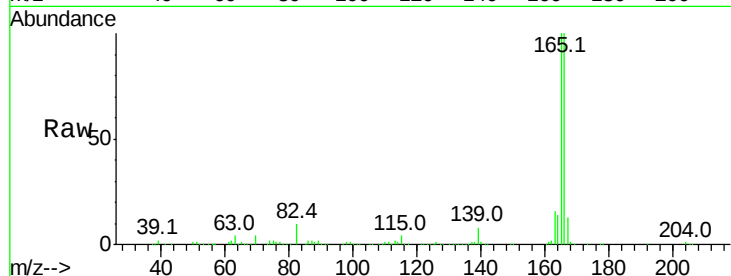
Tot Ion:166 Resp: 455206

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

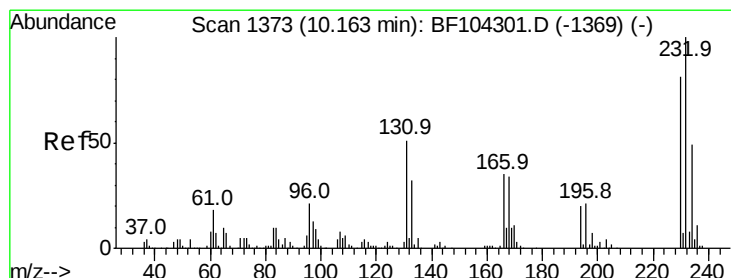
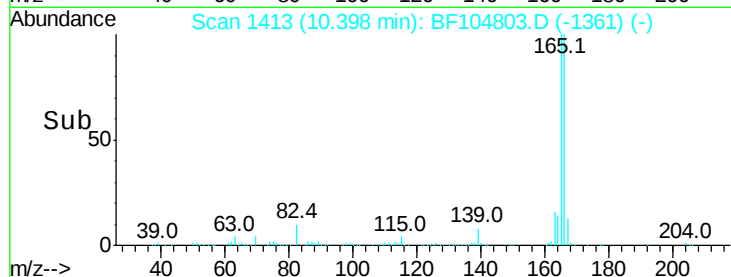
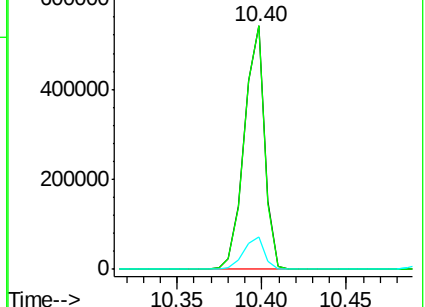
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.399 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Tgt Ion:232 Resp: 106189

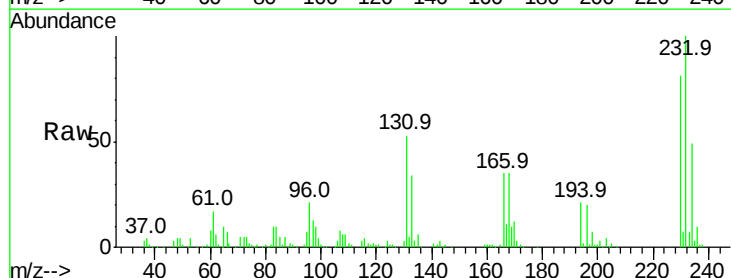
Ion Ratio Lower Upper

232 100

131 50.8 43.8 65.8

130 2.7 2.1 3.1

166 34.8 27.8 41.6

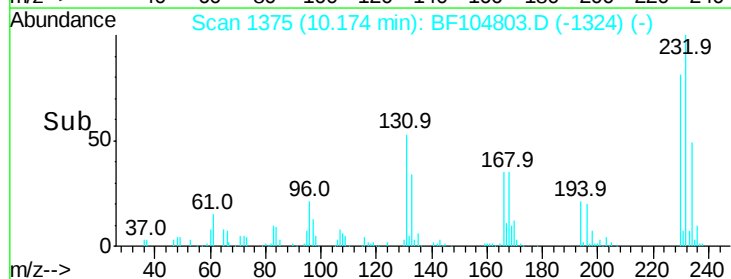
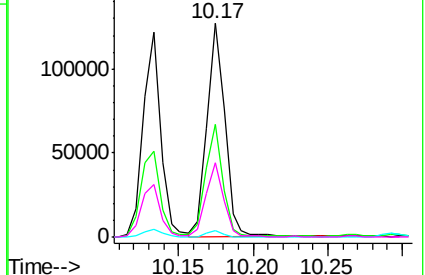


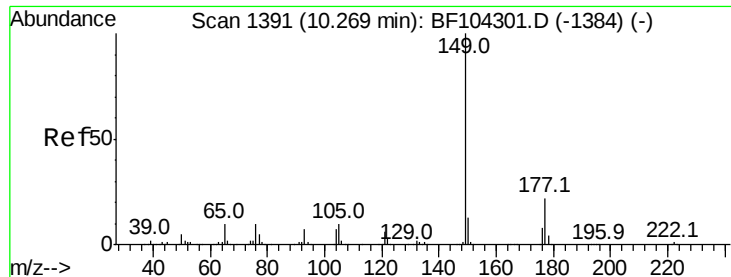
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

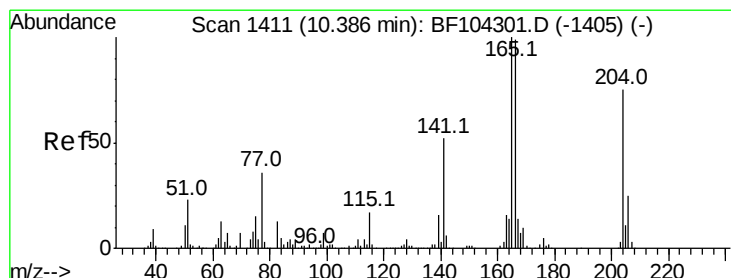
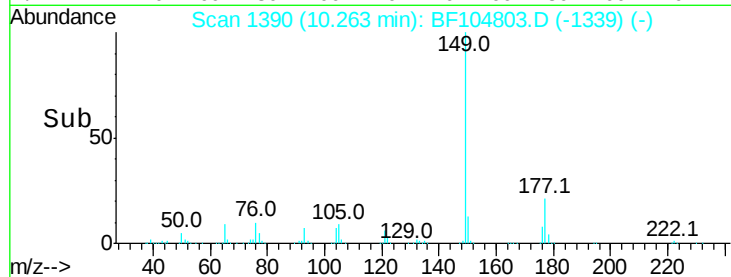
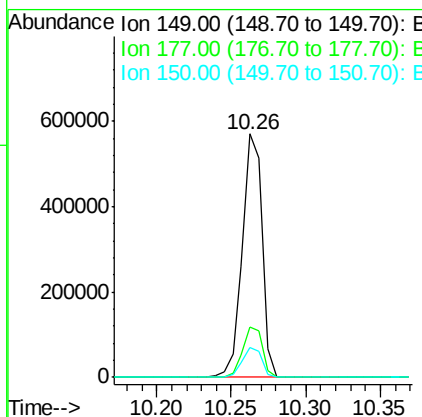
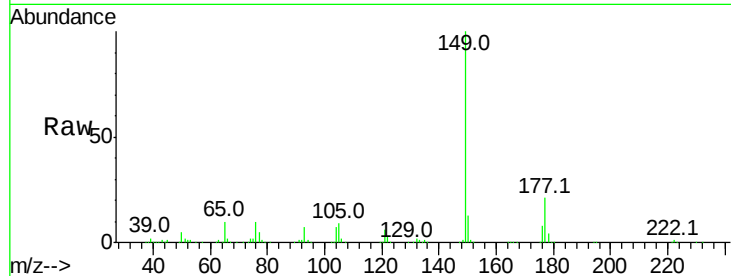




#59
Diethylphthalate
Concen: 36.998 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

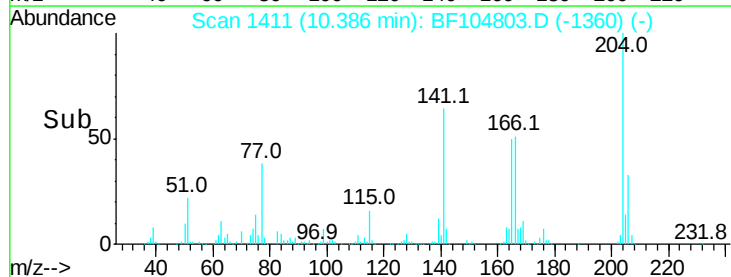
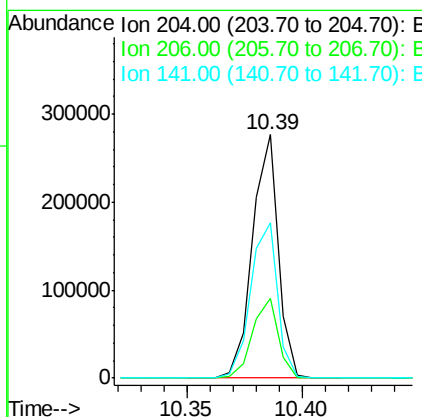
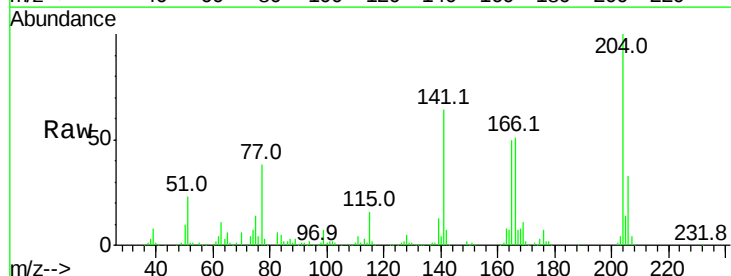
Instrument :
BNA_F
ClientSampleId :

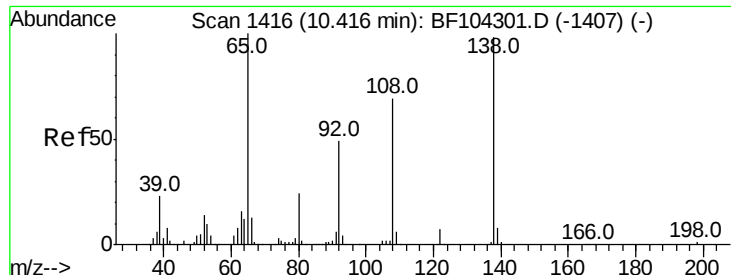
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	12.5	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.913 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	63.5	54.6	81.8

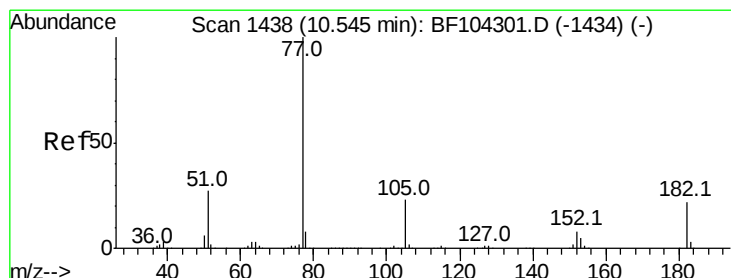
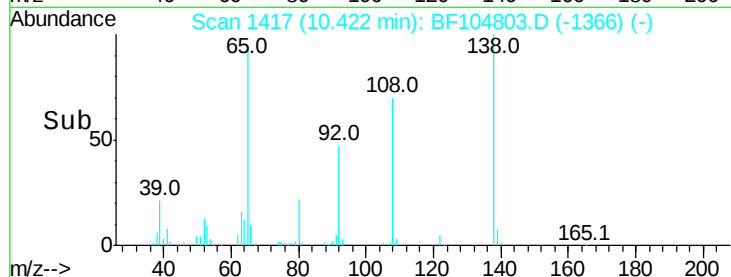
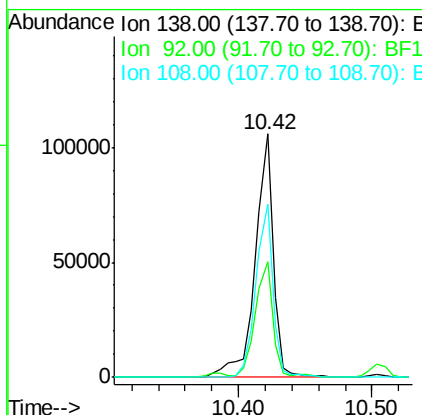
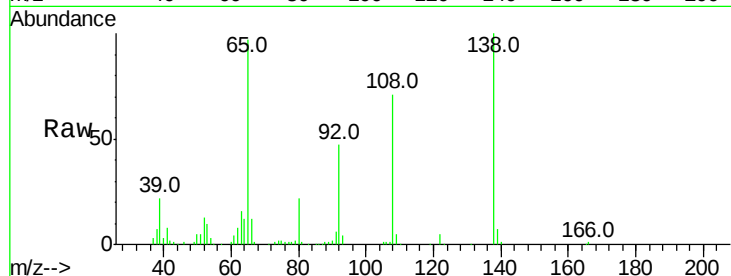




#61
4-Nitroaniline
Concen: 32.455 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

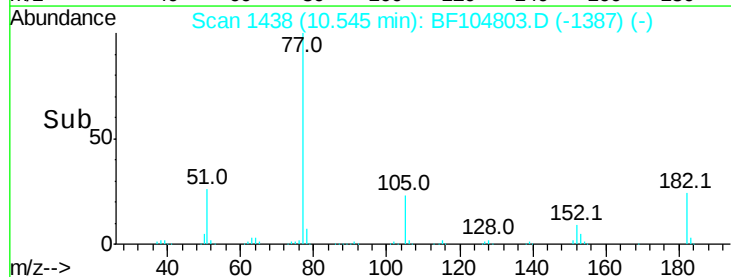
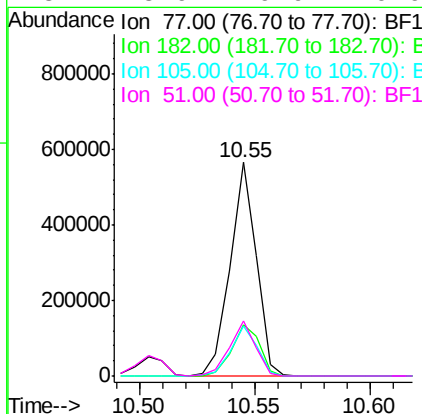
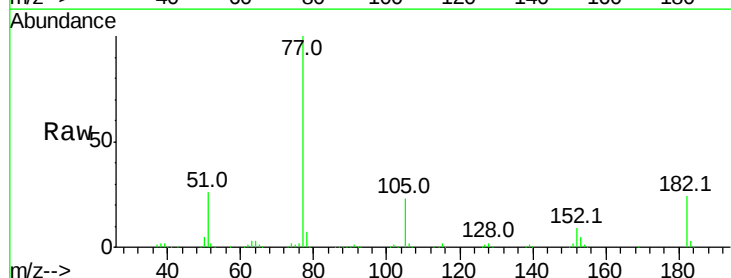
Instrument :
BNA_F
ClientSampled :

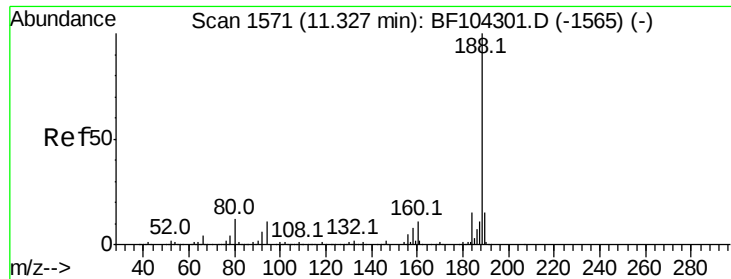
Tot Ion:138 Resp: 98021
Ion Ratio Lower Upper
138 100
92 47.4 30.2 70.2
108 71.2 52.5 92.5



#62
Azobenzene
Concen: 32.706 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion: 77 Resp: 443743
Ion Ratio Lower Upper
77 100
182 24.0 1.7 41.7
105 23.2 3.0 43.0
51 25.9 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampleId :

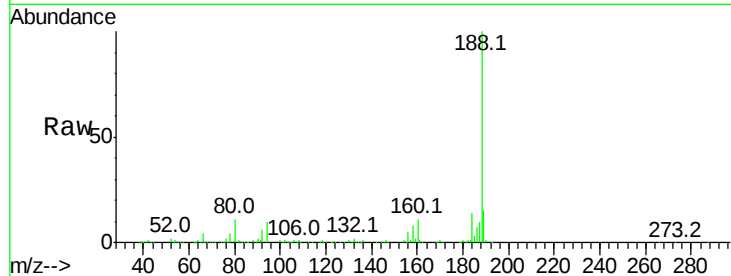
Tot Ion:188 Resp: 271098

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

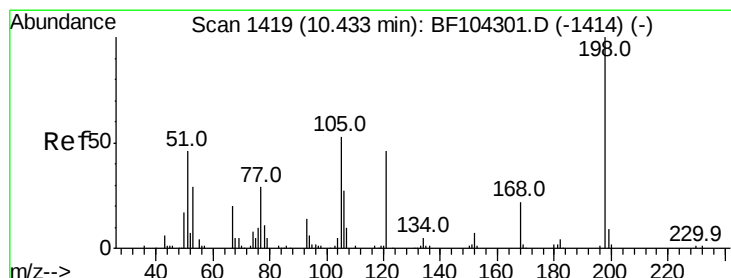
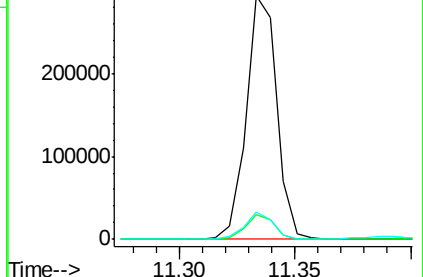
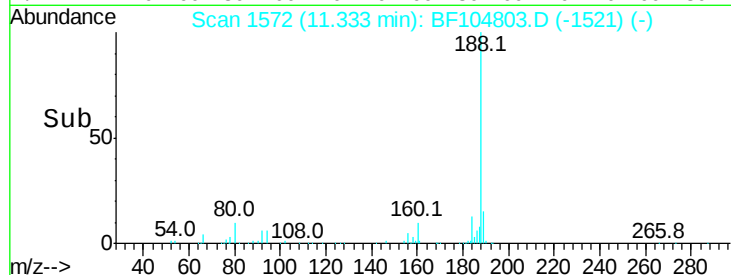
80 11.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 19.756 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

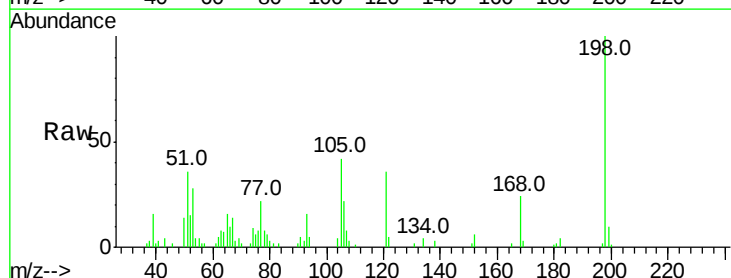
Tgt Ion:198 Resp: 19344

Ion Ratio Lower Upper

198 100

51 36.0 37.7 77.7#

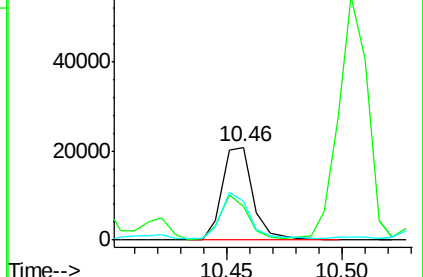
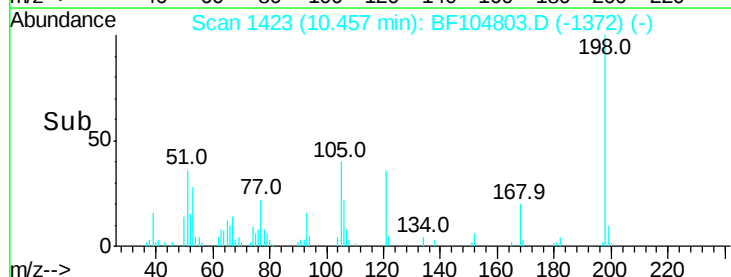
105 42.1 36.3 76.3

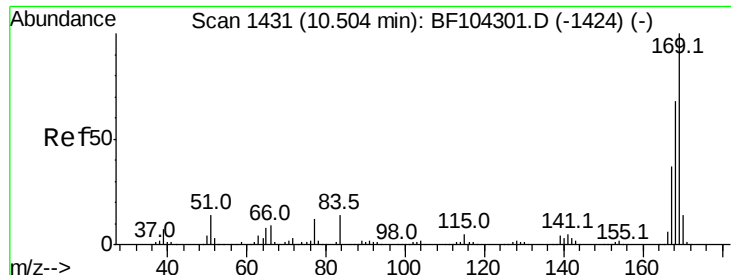


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

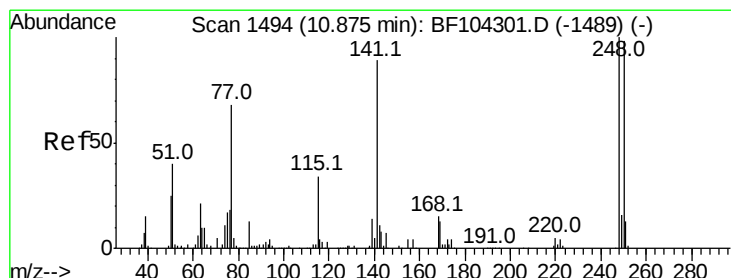
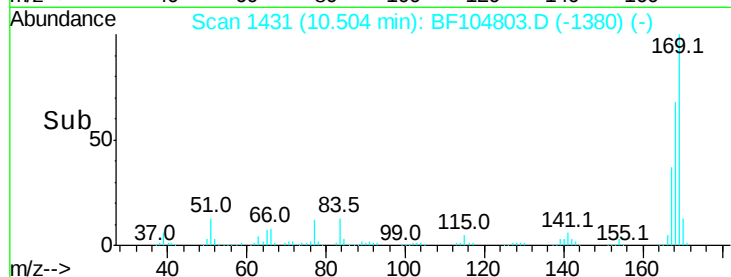
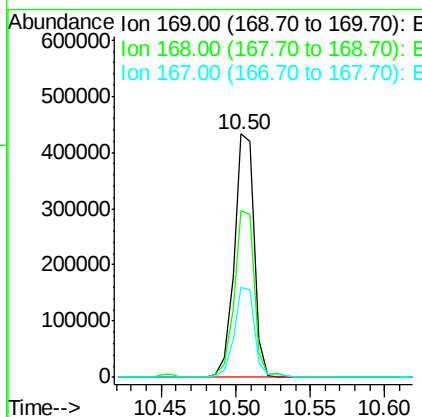
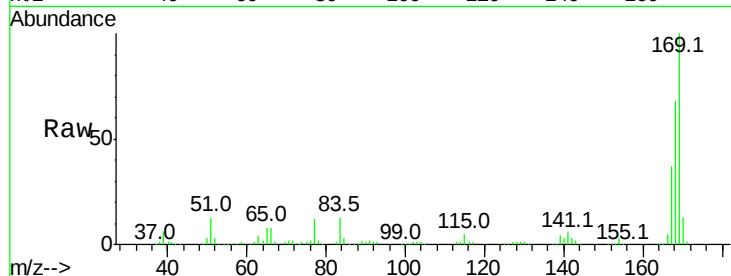




#65
 n-Nitrosodiphenylamine
 Concen: 43.170 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

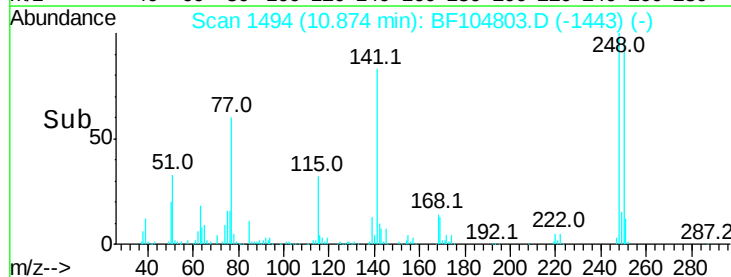
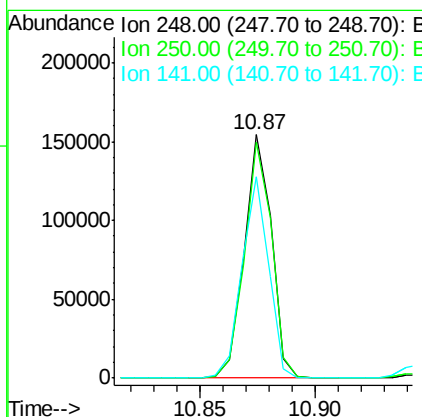
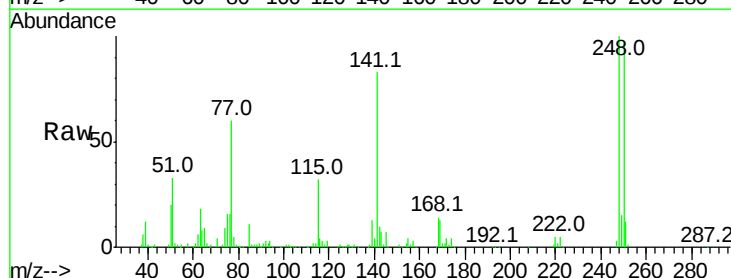
Instrument :
 BNA_F
 ClientSampleID :

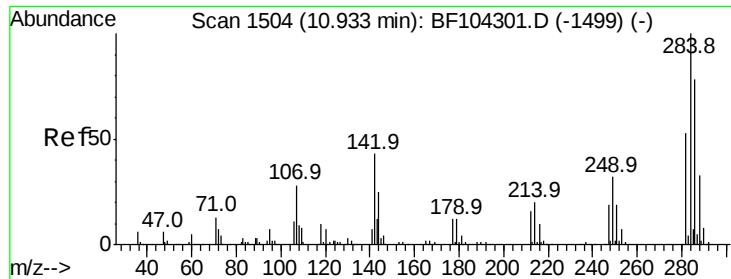
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.3	54.4	81.6
167	37.1	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 44.189 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.9	115.3
141	82.7	74.4	111.6

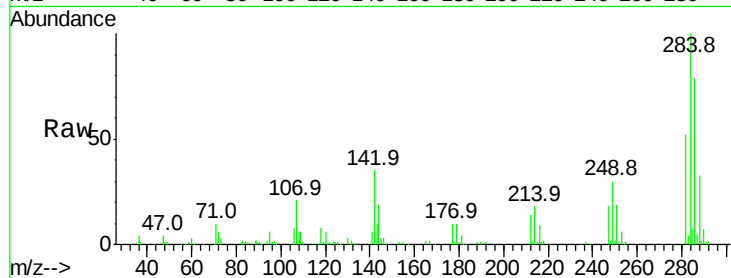




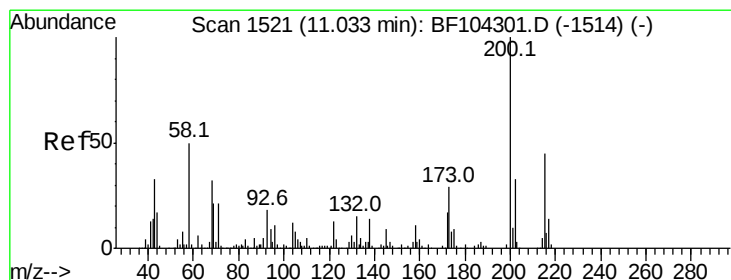
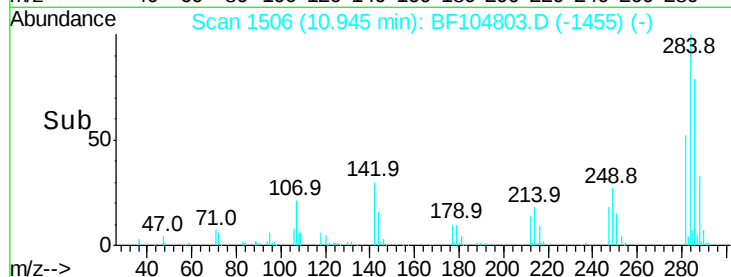
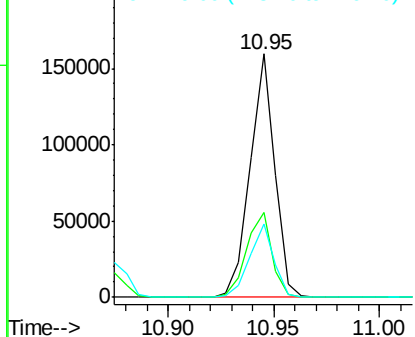
#67
Hexachlorobenzene
Concen: 39.816 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.1	34.6	52.0
249	30.0	24.8	37.2

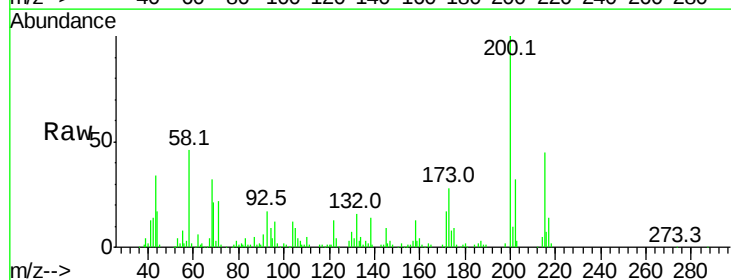


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

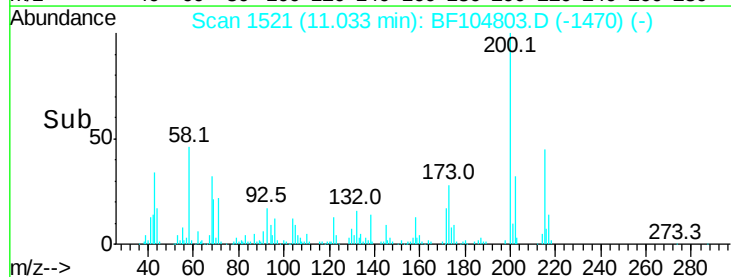
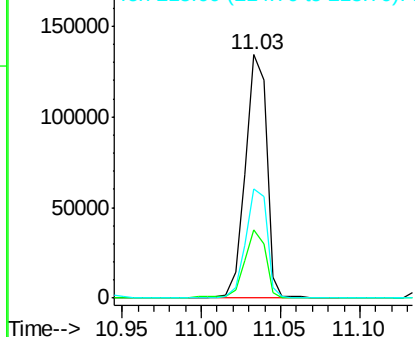


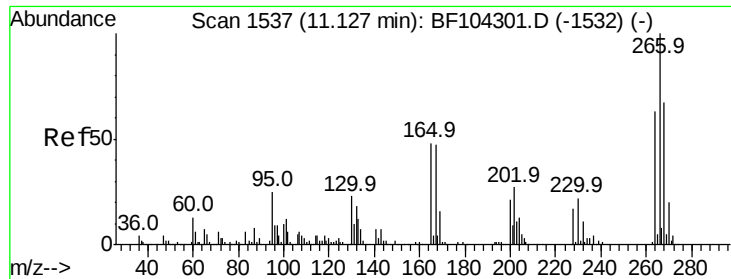
#68
Atrazine
Concen: 44.213 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.6	48.6
215	44.6	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

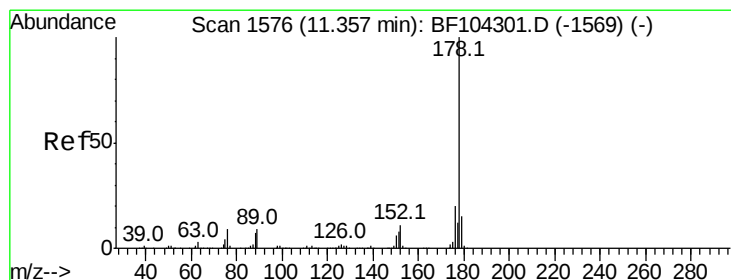
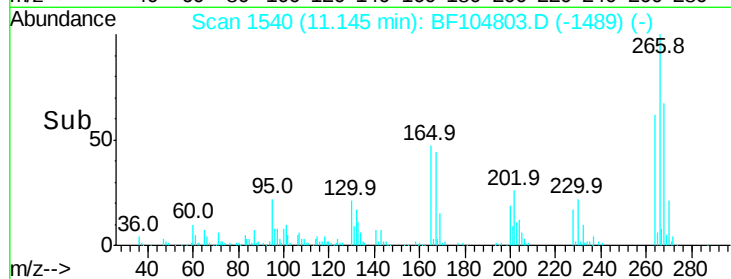
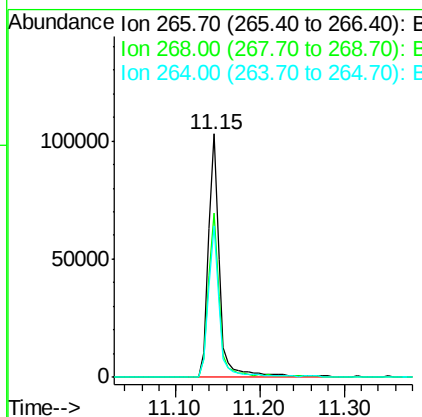
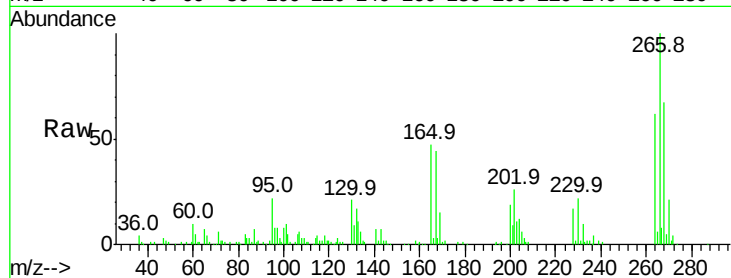




#69
 Pentachlorophenol
 Concen: 48.143 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

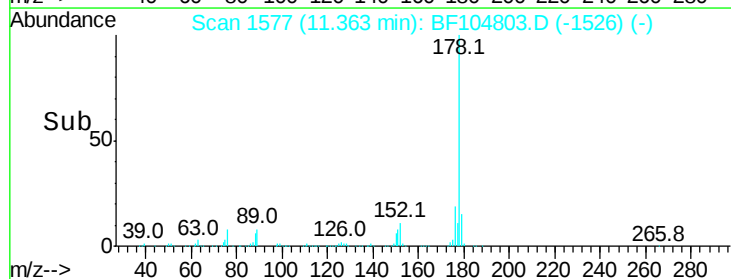
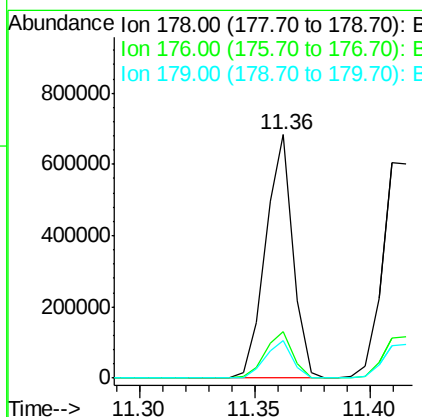
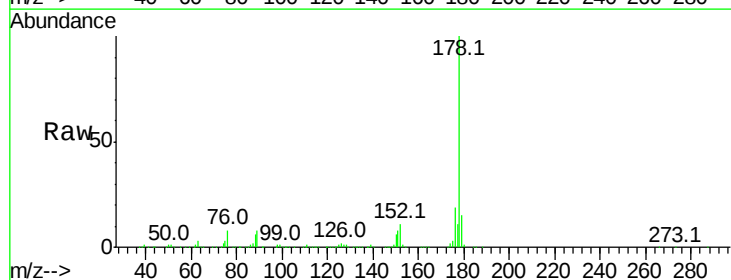
Instrument :
 BNA_F
 ClientSampleId :

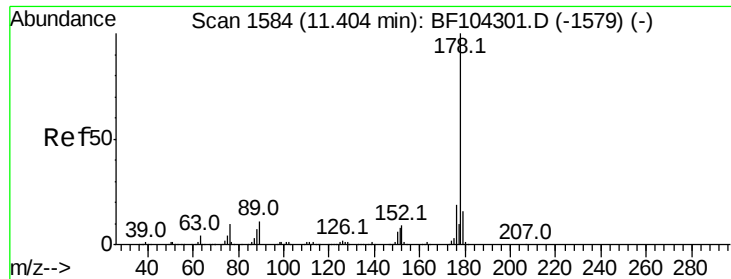
Tot Ion:266 Resp: 96638
 Ion Ratio Lower Upper
 266 100
 268 67.3 51.1 76.7
 264 62.2 49.5 74.3



#70
 Phenanthrene
 Concen: 37.199 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Tgt Ion:178 Resp: 561604
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.3 13.0 19.6





#71

Anthracene

Concen: 37.272 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampleId :

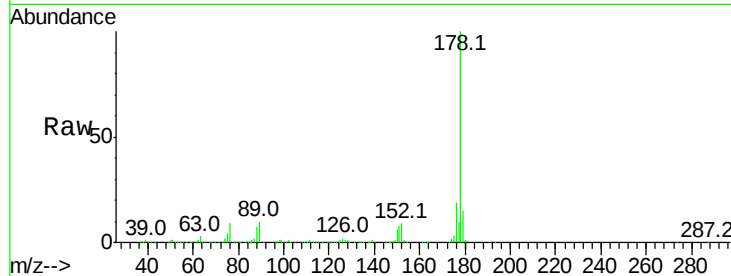
Tot Ion:178 Resp: 571994

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

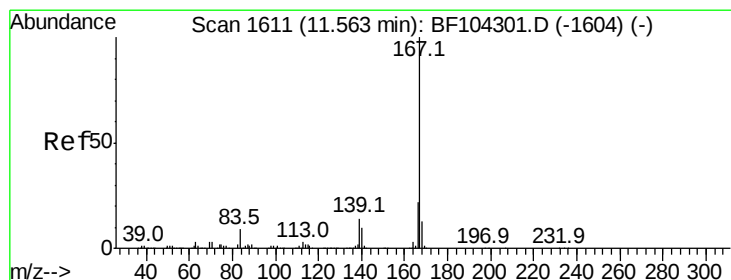
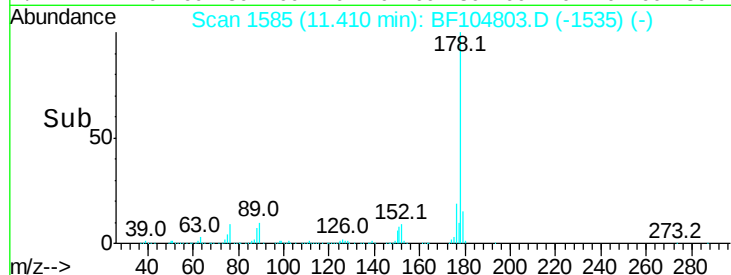
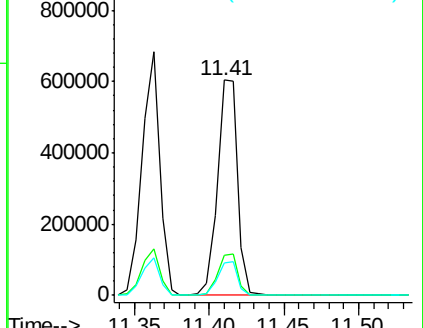
179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 33.563 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

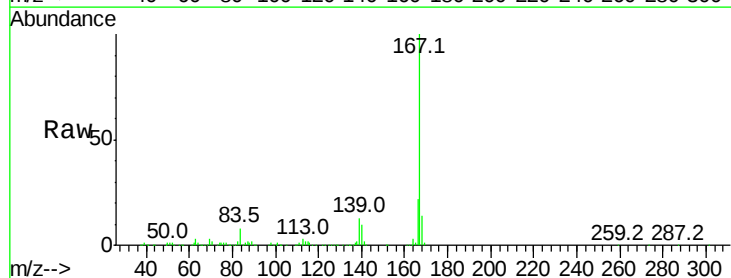
Tgt Ion:167 Resp: 503317

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

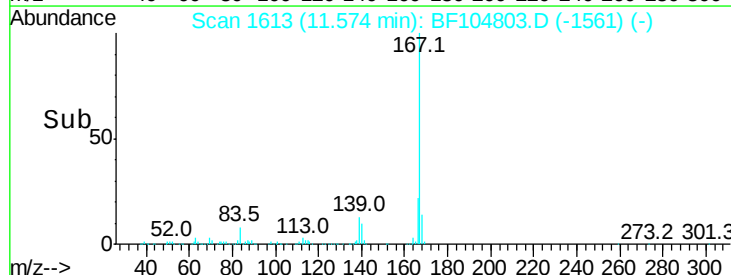
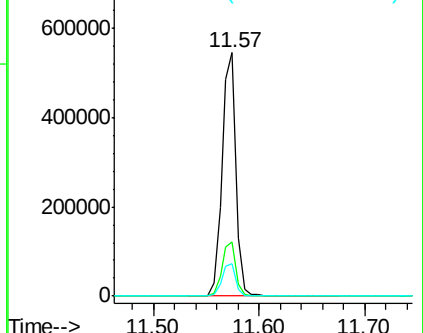
139 13.3 10.9 16.3

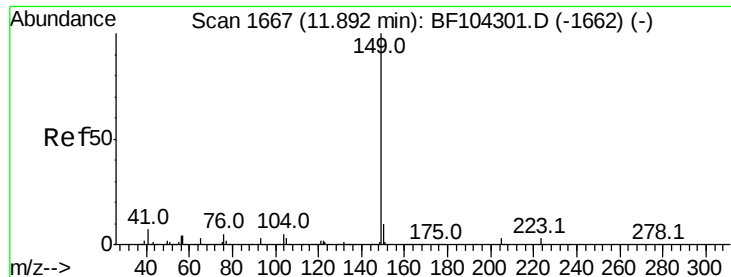


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.274 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampleId :

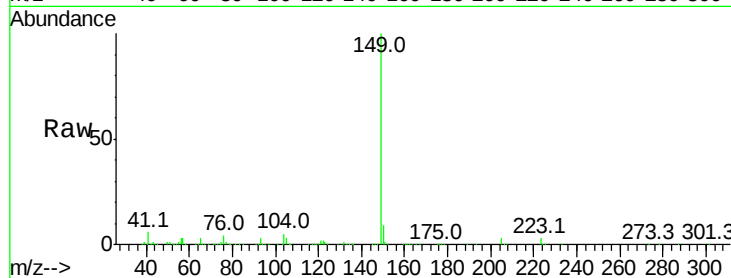
Tot Ion:149 Resp: 719449

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

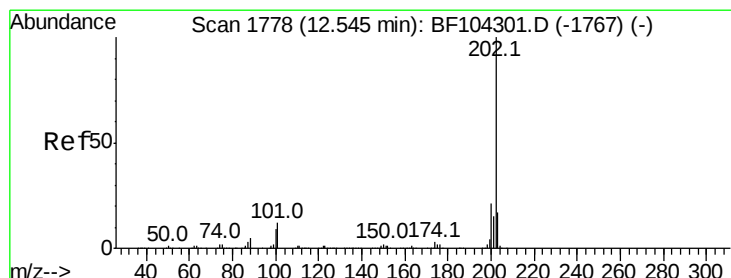
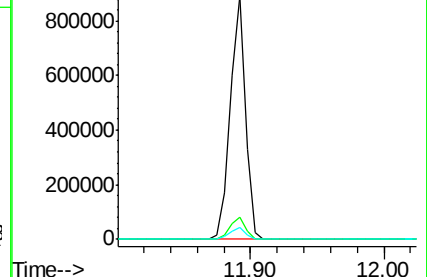
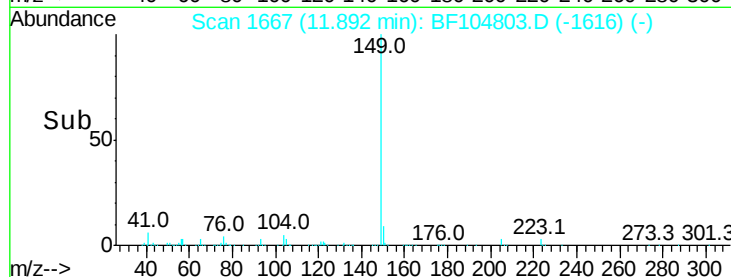
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.443 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

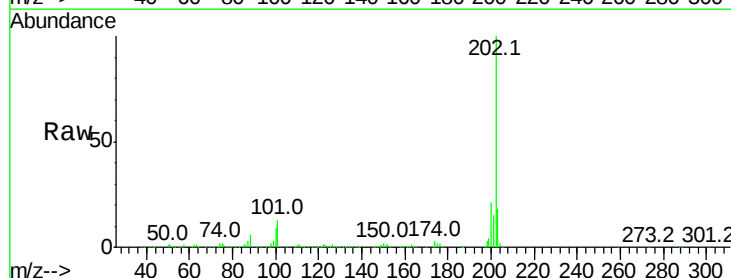
Tgt Ion:202 Resp: 495972

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

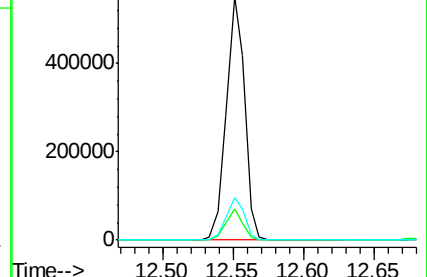
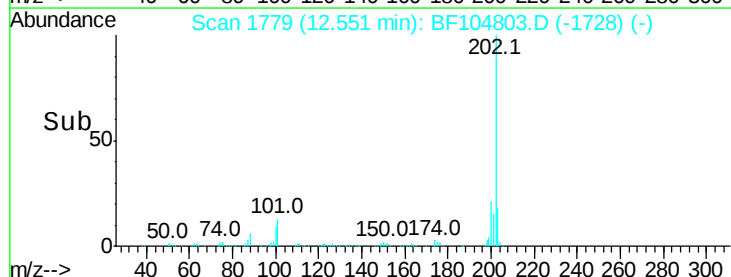
203 17.6 0.0 38.1

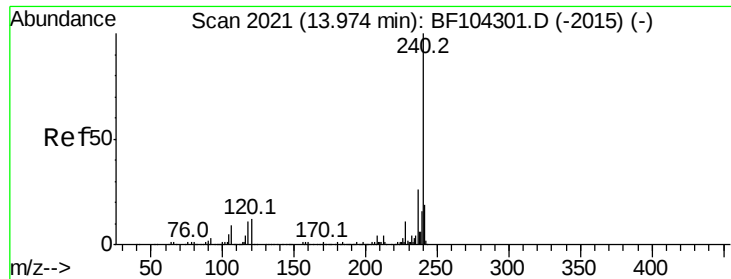


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampleId :

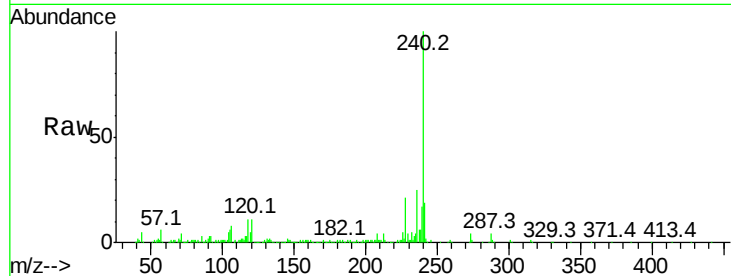
Tot Ion:240 Resp: 180968

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

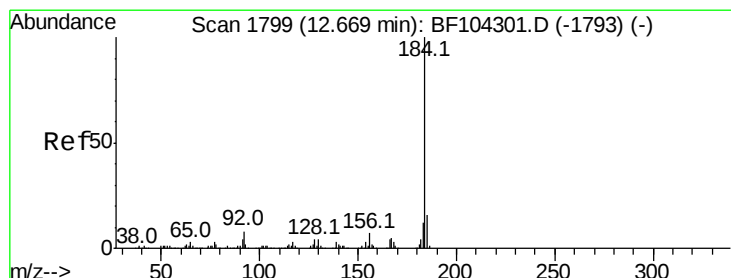
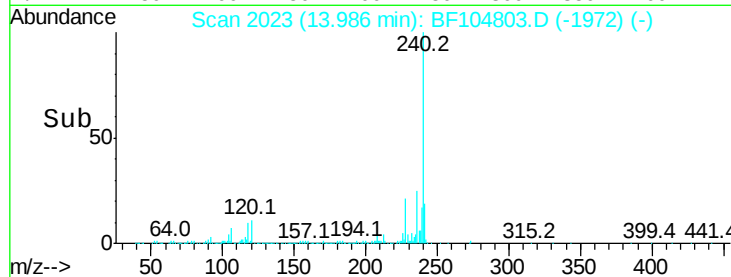
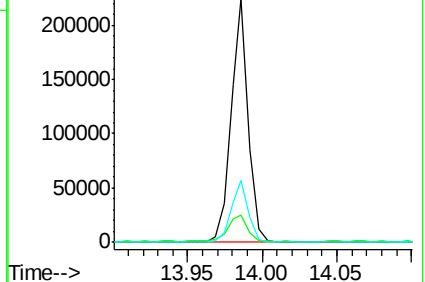
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 86.218 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

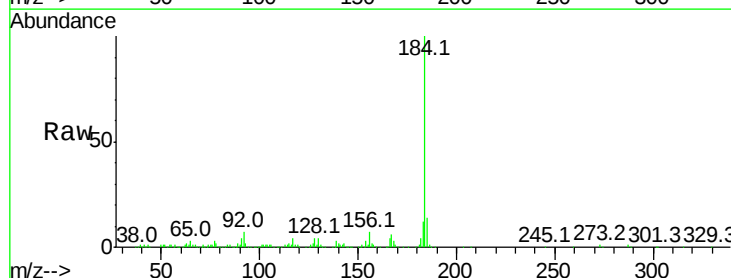
Tgt Ion:184 Resp: 388858

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

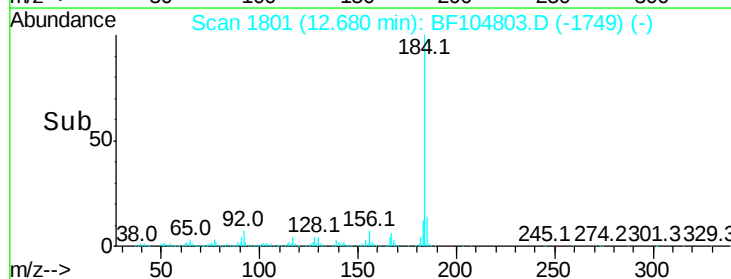
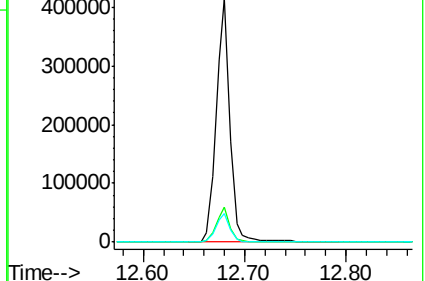
183 11.9 9.3 13.9

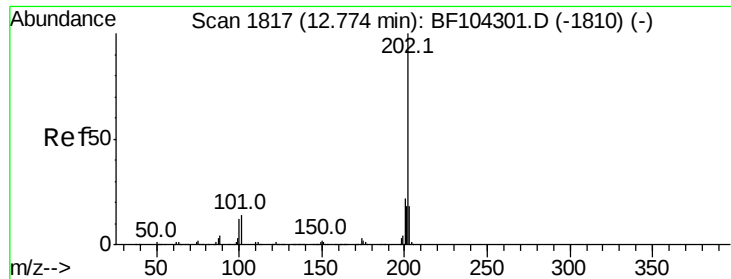


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

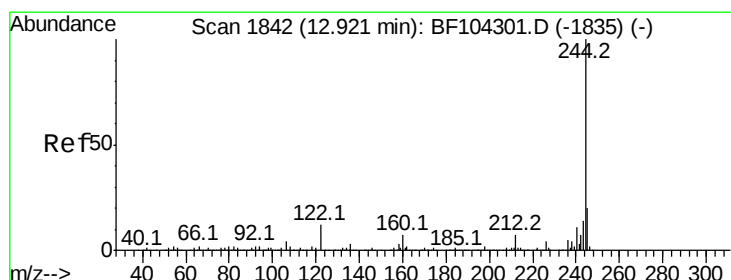
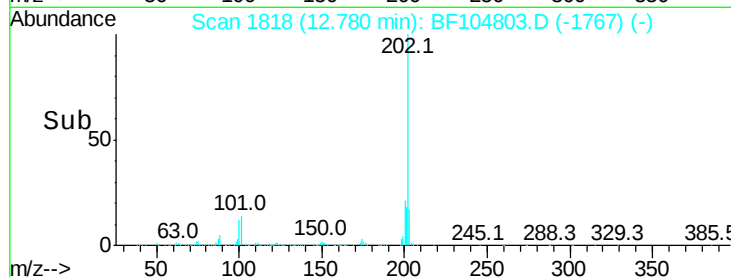
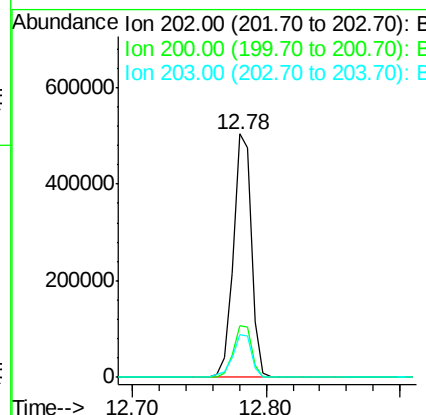
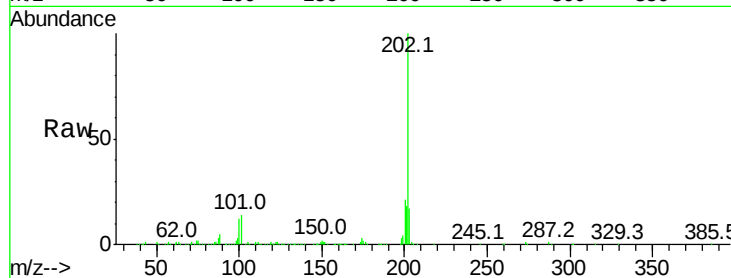




#77
Pvrene
Concen: 36.153 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

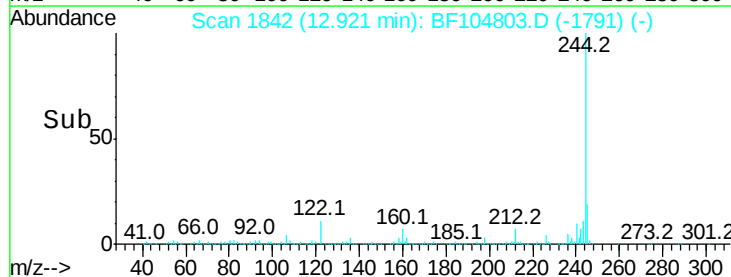
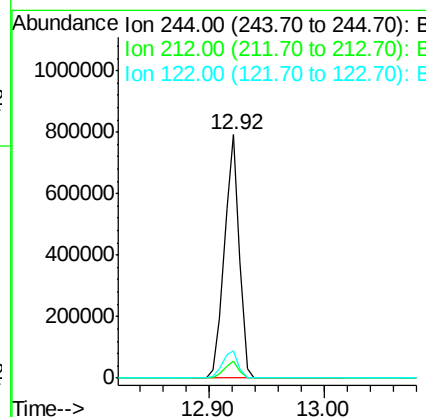
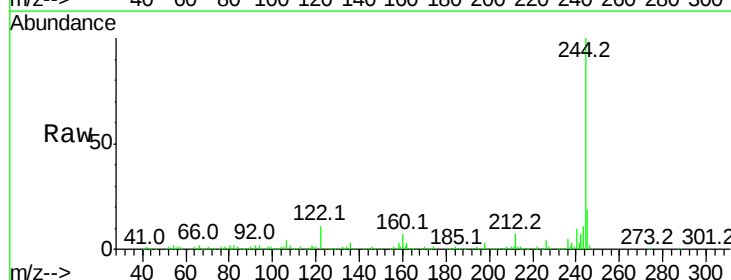
Instrument :
BNA_F
ClientSampleId :

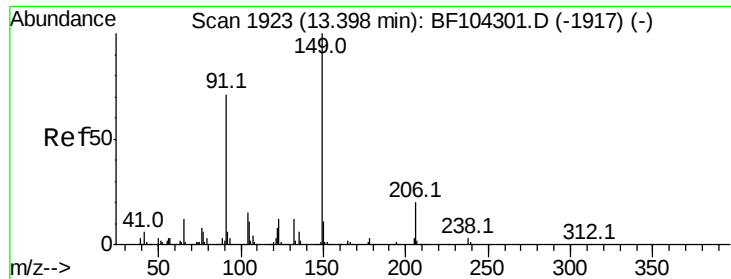
Tot Ion:202 Resp: 484960
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 88.100 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion:244 Resp: 699319
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 11.3 11.0 16.4

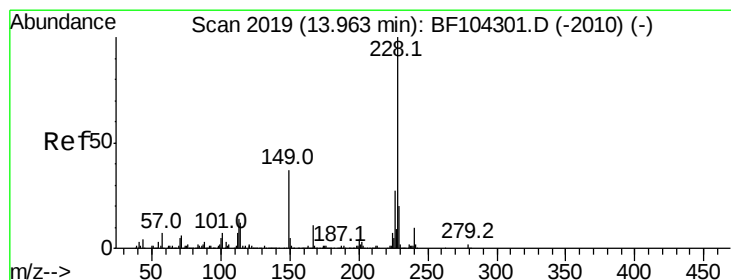
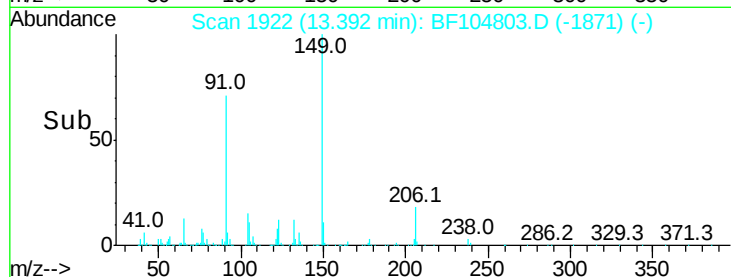
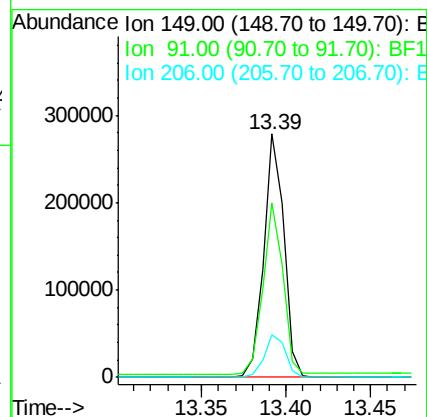
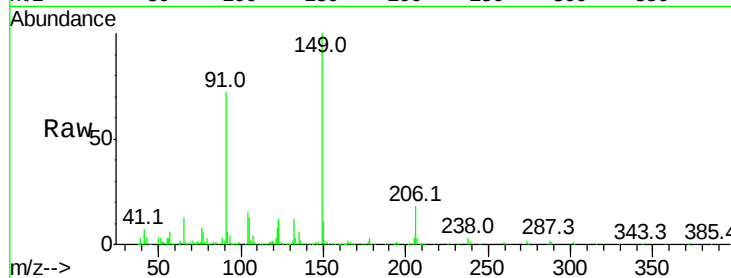




#79
Butylbenzylphthalate
Concen: 36.758 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

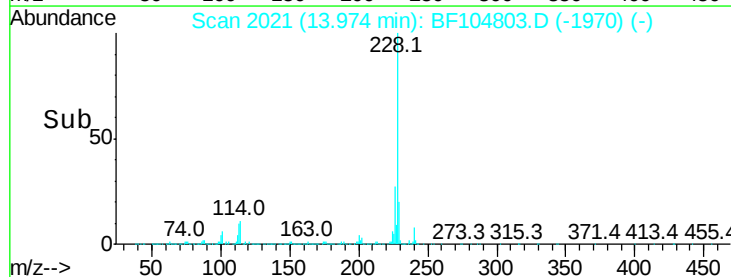
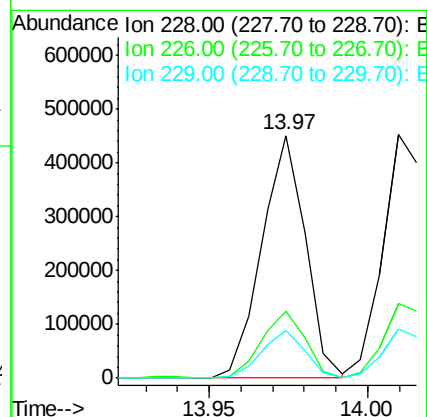
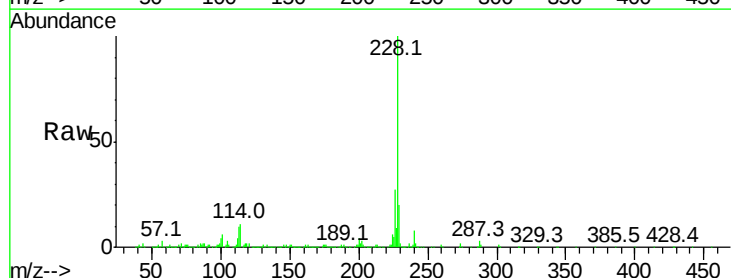
Instrument :
BNA_F
ClientSampleId :

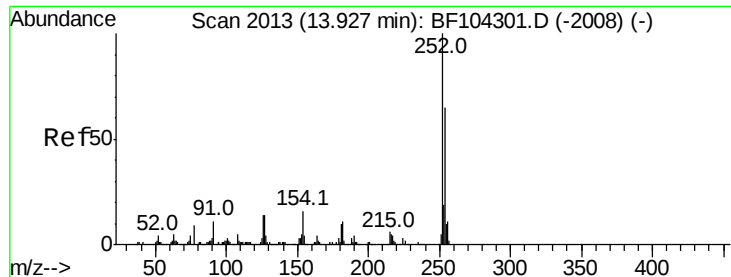
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.8	56.8	85.2
206	17.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.792 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.6	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 38.315 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampleId :

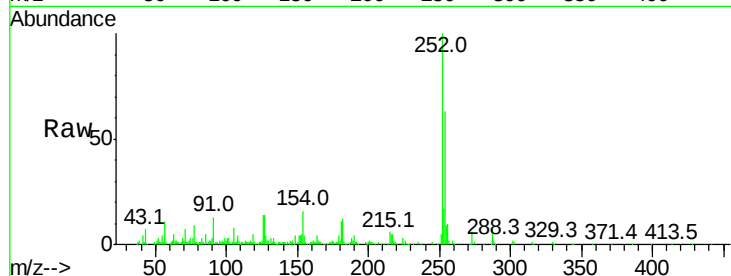
Tot Ion:252 Resp: 154448

Ion Ratio Lower Upper

252 100

254 63.2 50.4 75.6

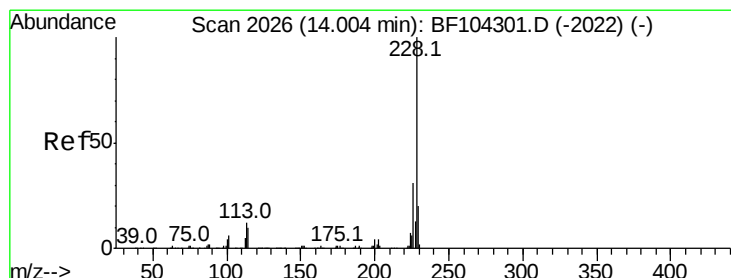
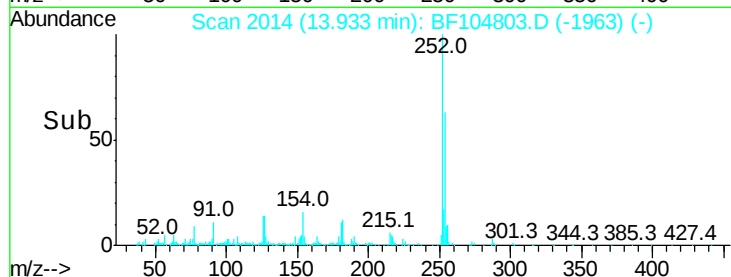
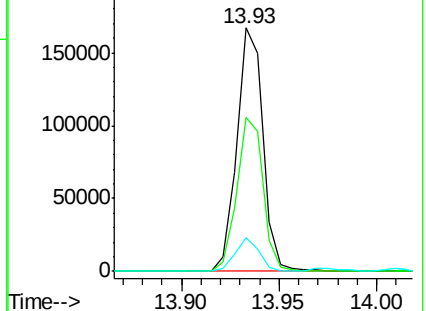
126 13.7 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 36.912 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

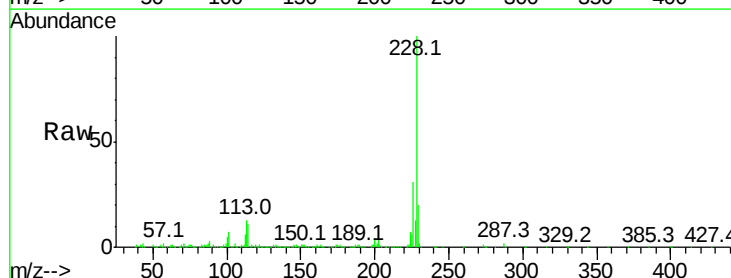
Tgt Ion:228 Resp: 409903

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

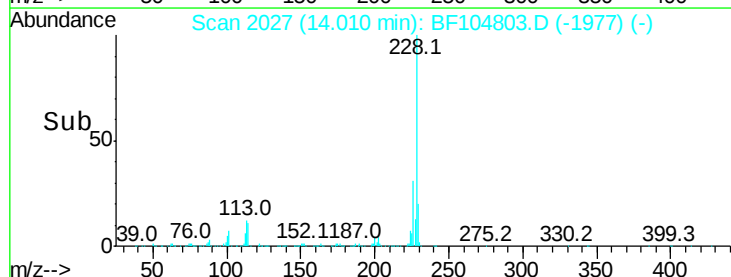
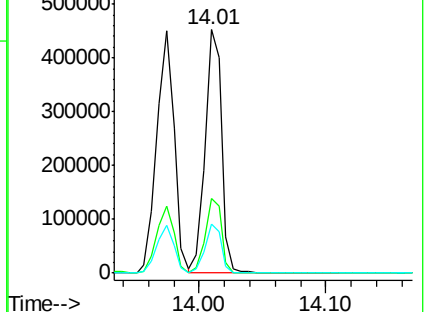
229 20.0 16.2 24.4

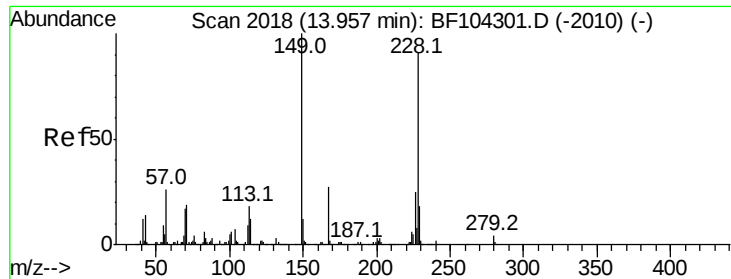


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.908 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampleId :

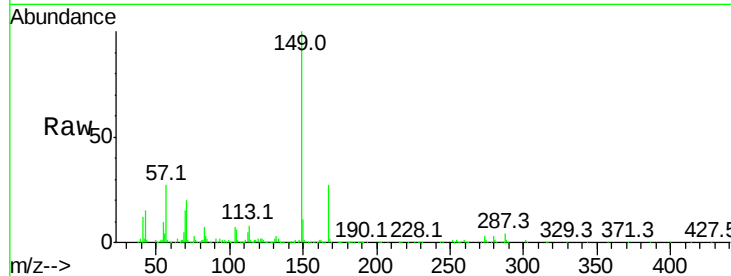
Tot Ion:149 Resp: 316265

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

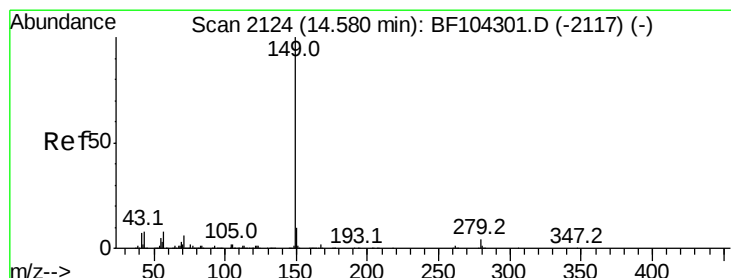
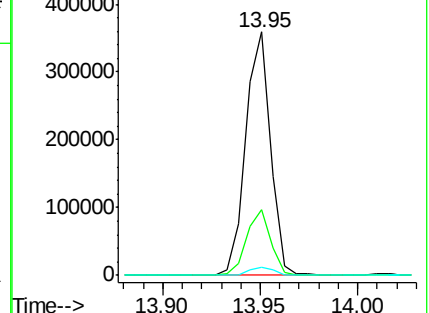
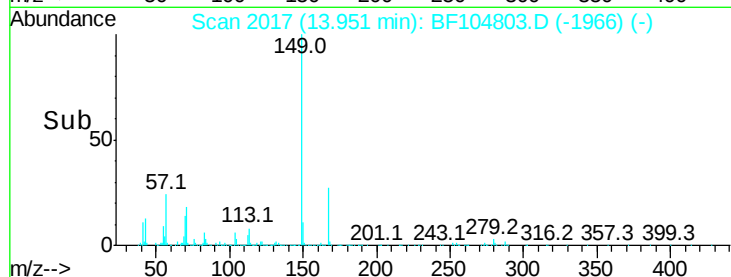
279 3.5 3.0 4.4



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: 39.099 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

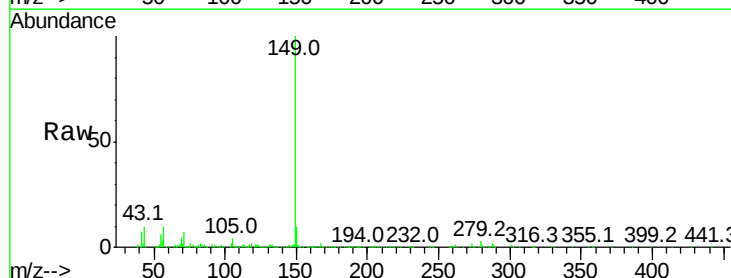
Tgt Ion:149 Resp: 531046

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

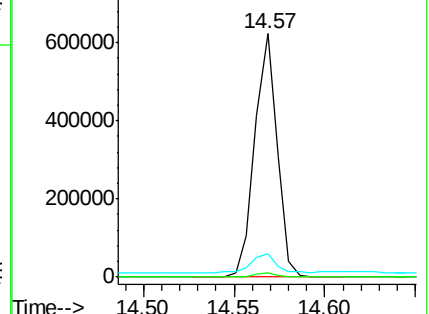
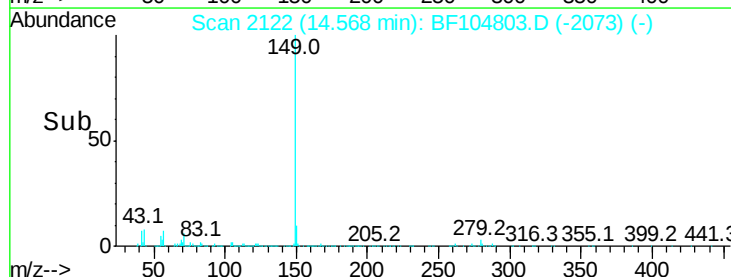
43 8.5 8.4 12.6

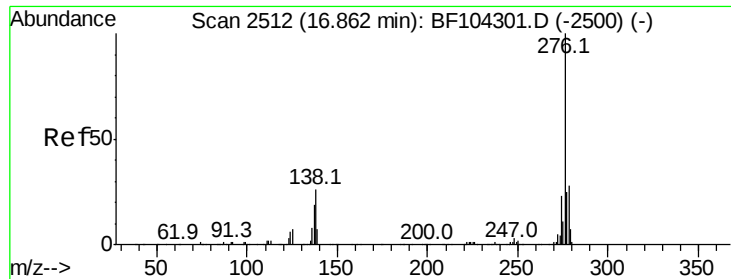


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.054 ng

RT: 16.92 min Scan# 2521

Delta R.T. -0.02 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampleId :

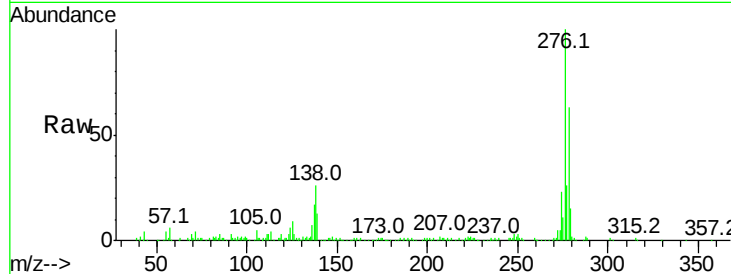
Tot Ion:276 Resp: 302376

Ion Ratio Lower Upper

276 100

138 25.6 25.0 37.6

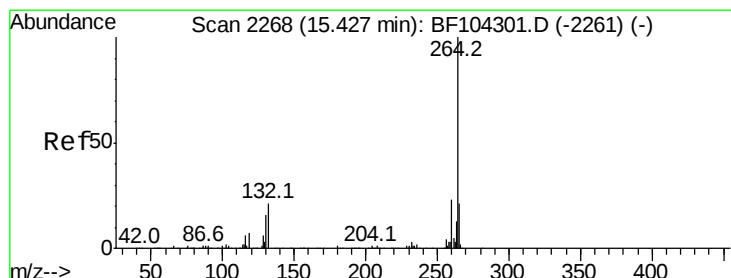
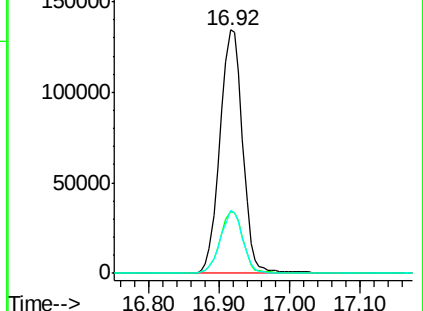
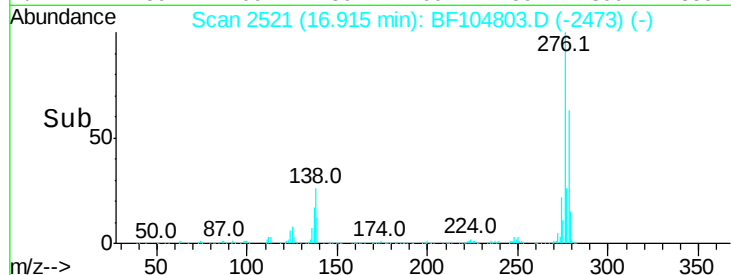
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

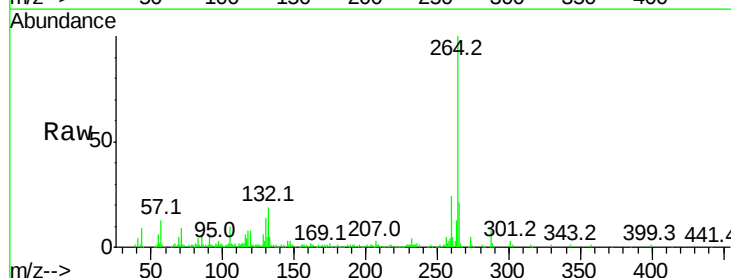
Tgt Ion:264 Resp: 144014

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

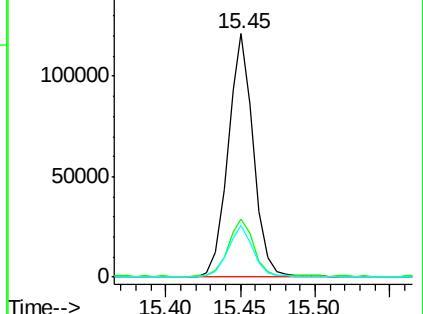
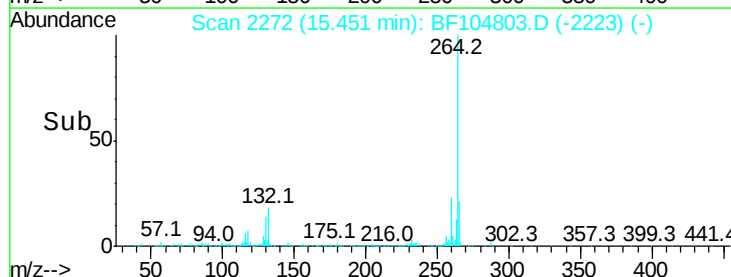
265 21.3 17.5 26.3

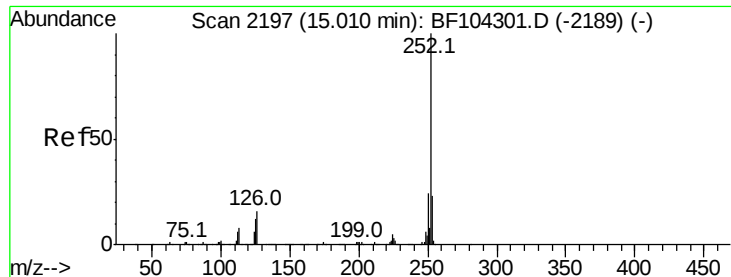


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

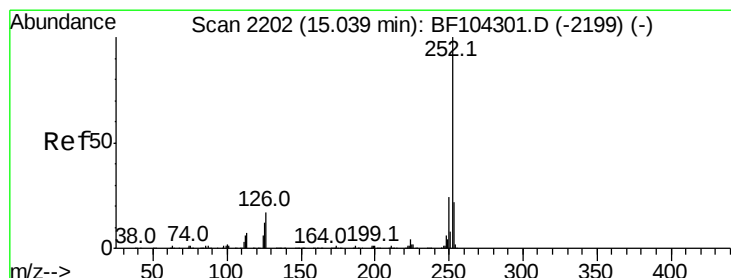
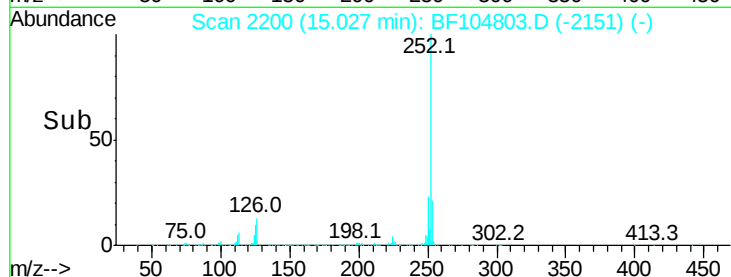
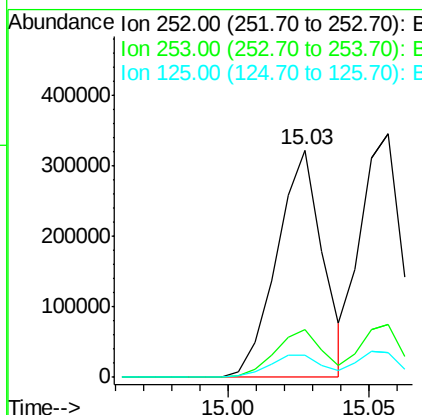
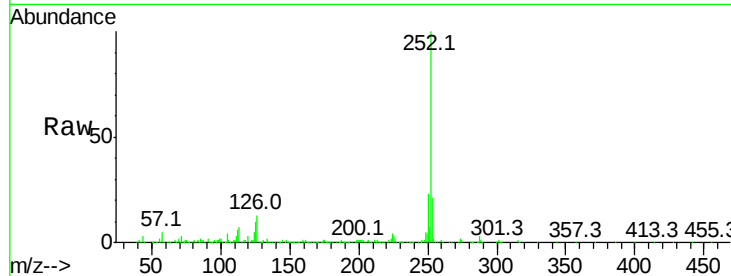




#87
Benzo(b)fluoranthene
Concen: 39.991 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

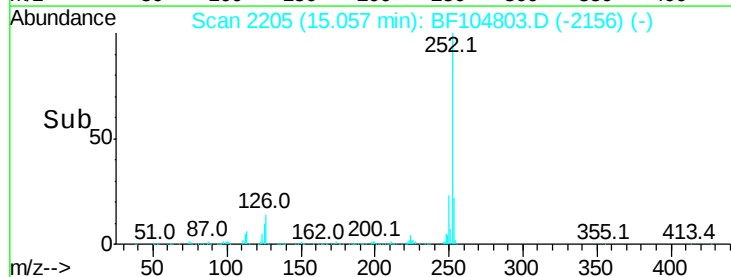
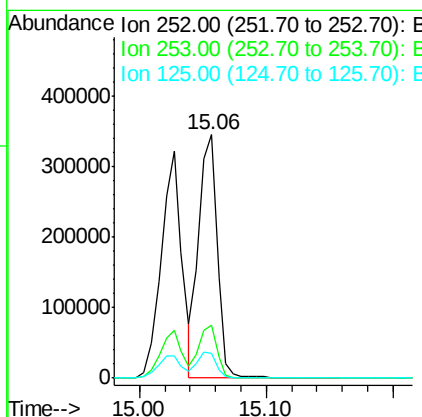
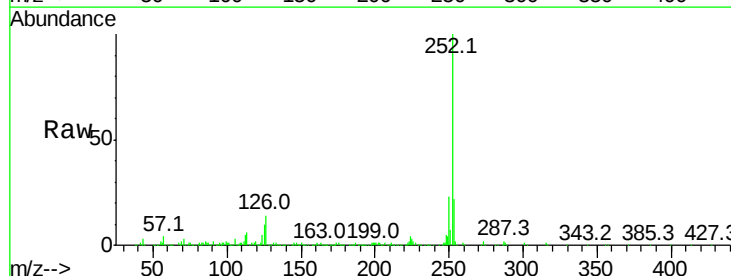
Instrument :
BNA_F
ClientSampleId :

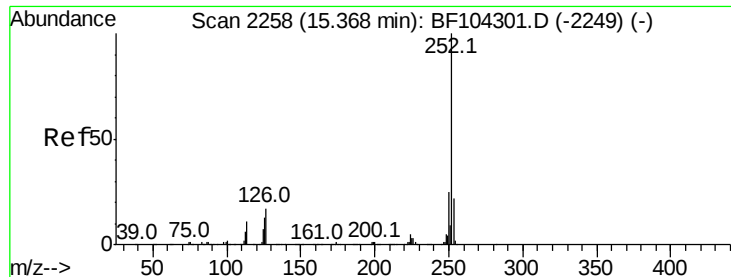
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	10.0	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 40.665 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF104803.D
Acq: 25 Apr 2018 21:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	10.1	10.2	15.2





#89

Benzo(a)pyrene

Concen: 38.739 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

Instrument :

BNA_F

ClientSampleId :

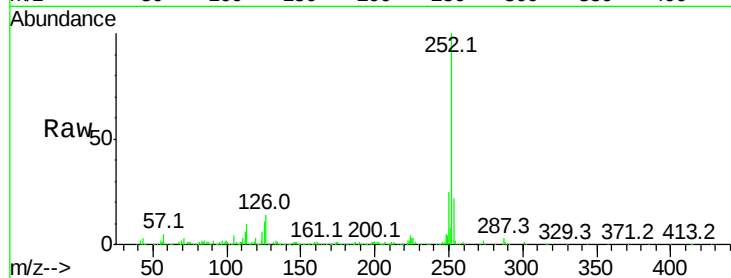
Tot Ion:252 Resp: 315276

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

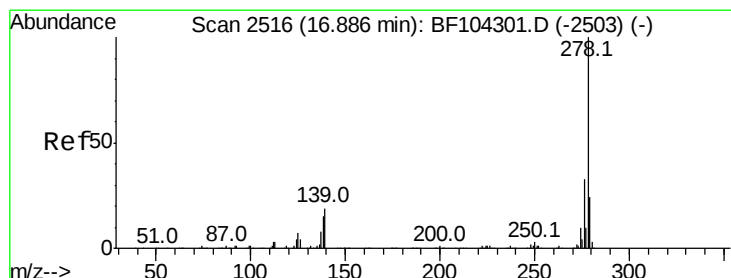
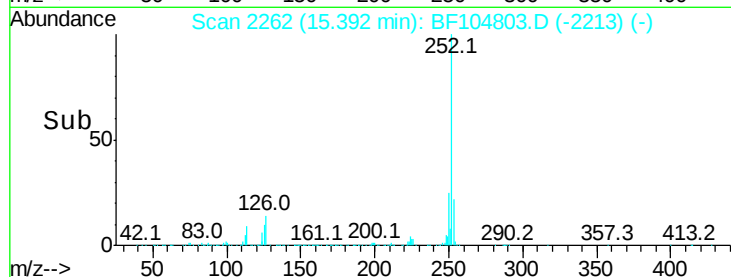
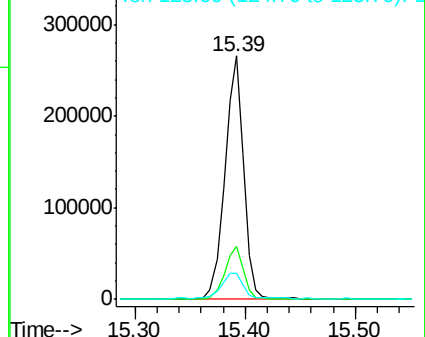
125 10.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.391 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BF104803.D

Acq: 25 Apr 2018 21:41

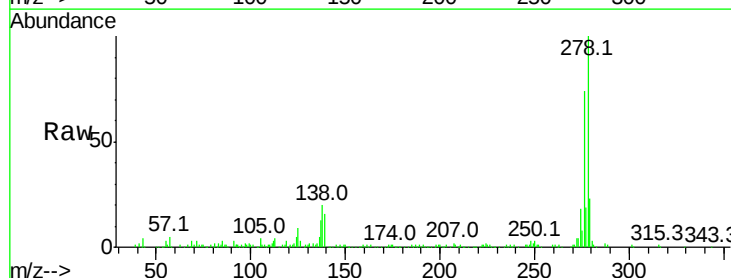
Tgt Ion:278 Resp: 256607

Ion Ratio Lower Upper

278 100

139 16.1 15.9 23.9

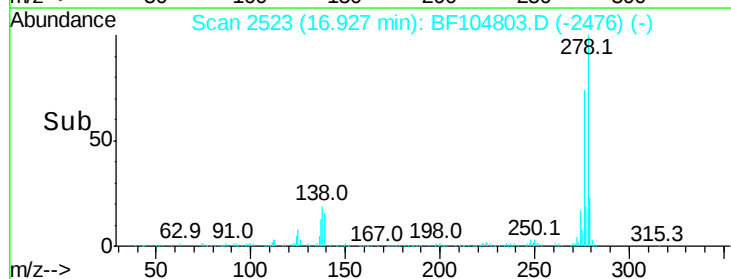
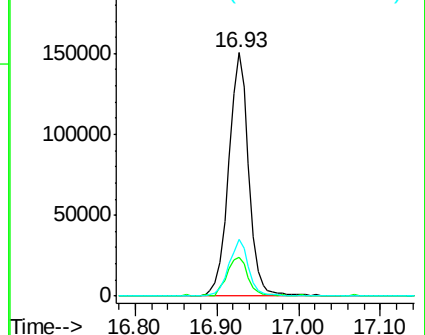
279 23.1 19.0 28.4

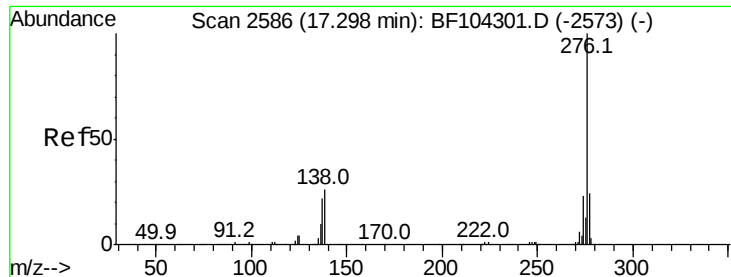


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 37.071 ng
 RT: 17.36 min Scan# 2597
 Delta R.T. -0.02 min
 Lab File: BF104803.D
 Acq: 25 Apr 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	17.9	26.9
138	20.9	21.8	32.8

