

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104743.D
 Acq On : 24 Apr 2018 8:16
 Operator : JU/SJ
 Sample : J2497-01MS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 11:07:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	103770	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	353868	20.00	ng	0.01
38) Acenaphthene-d10	9.85	164	157553	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	238572	20.00	ng	0.02
75) Chrysene-d12	14.04	240	83866	20.00	ng	0.05
86) Perylene-d12	15.49	264	4108	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	800335	117.93	ng	0.02
7) Phenol-d6	6.46	99	945541	113.40	ng	0.02
23) Nitrobenzene-d5	7.38	82	545707	100.70	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	184629	112.97	ng	0.01
44) 2-Fluorobiphenyl	9.17	172	927980	93.05	ng	0.00
78) Terphenyl-d14	12.95	244	598191	162.61	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	77516	24.513	ng	89
3) Pyridine	3.26	79	228000	25.644	ng	# 84
4) n-Nitrosodimethylamine	3.20	42	92926	29.900	ng	# 76
6) Aniline	6.48	93	101294	8.744	ng	# 1
8) 2-Chlorophenol	6.60	128	240498	33.575	ng	94
10) Phenol	6.47	94	297897	33.671	ng	93
11) bis(2-Chloroethyl)ether	6.55	93	235481	33.353	ng	90
12) 1,3-Dichlorobenzene	6.75	146	247814	30.538	ng	99
13) 1,4-Dichlorobenzene	6.83	146	254913	31.513	ng	99
14) 1,2-Dichlorobenzene	6.99	146	164120	21.894	ng	99
15) Benzyl Alcohol	6.96	79	181381	28.639	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	254512	26.843	ng	56
17) 2-Methylphenol	7.07	107	183385	29.453	ng	# 91
18) Hexachloroethane	7.32	117	59090	20.488	ng	90
19) n-Nitroso-di-n-propylamine	7.23	70	155390	28.518	ng	90
20) 3+4-Methylphenols	7.23	107	254743	32.988	ng	97
22) Acetophenone	7.22	105	351206	40.313	ng	# 97
24) Nitrobenzene	7.40	77	224131	37.460	ng	98
25) Isophorone	7.64	82	432341	37.727	ng	98
26) 2-Nitrophenol	7.71	139	60879	24.994	ng	99
27) 2,4-Dimethylphenol	7.76	122	281279	55.615	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	272762	38.929	ng	100
29) 2,4-Dichlorophenol	7.97	162	179500	37.197	ng	95
30) 1,2,4-Trichlorobenzene	8.05	180	196235	37.054	ng	99
31) Naphthalene	8.14	128	6021987	341.756	ng	97
32) Benzoic acid	7.89	122	184956	45.834	ng	# 16
33) 4-Chloroaniline	8.17	127	71718	9.500	ng	95
34) Hexachlorobutadiene	8.23	225	103497	35.678	ng	100
35) Caprolactam	8.54	113	57697	34.273	ng	88
36) 4-Chloro-3-methylphenol	8.66	107	179431	34.677	ng	98
37) 2-Methylnaphthalene	8.81	142	832083	73.003	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	164617	36.500	ng	99
42) 2,4,6-Trichlorophenol	9.09	196	106301	33.953	ng	97
43) 2,4,5-Trichlorophenol	9.15	196	112617	32.144	ng	97

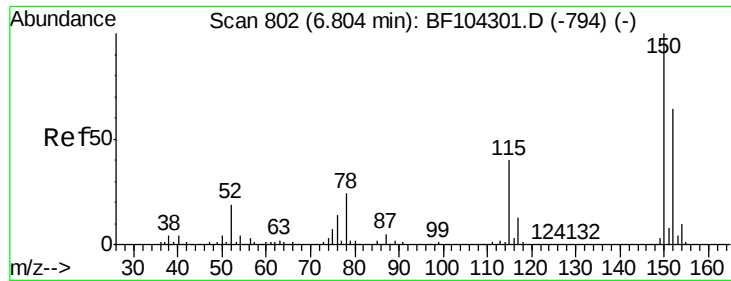
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.27	154	820380	61.983	nq	99
46) 2-Chloronaphthalene	9.30	162	350121	33.490	nq	99
47) 2-Nitroaniline	9.40	65	130851	50.612	nq	96
48) Acenaphthylene	9.72	152	1505240	91.768	nq	98
49) Dimethylphthalate	9.57	163	465526	37.469	nq	99
50) 2,6-Dinitrotoluene	9.64	165	52560	22.862	nq	88
51) Acenaphthene	9.89	154	756413	75.582	nq	98
52) 3-Nitroaniline	9.82	138	78007	28.984	nq	93
53) 2,4-Dinitrophenol	9.94	184	140	5.348	nq #	1
54) Dibenzofuran	10.06	168	726726	52.107	nq	99
55) 4-Nitrophenol	9.99	139	115006	54.397	nq	97
56) 2,4-Dinitrotoluene	10.05	165	61110	20.265	nq #	89
57) Fluorene	10.41	166	1165725	114.832	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	80202	30.684	nq #	73
59) Diethylphthalate	10.27	149	366235	29.598	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	152483	33.728	nq	96
61) 4-Nitroaniline	10.43	138	91460	34.755	nq	97
62) Azobenzene	10.56	77	321534	27.199	nq #	71
64) 4,6-Dinitro-2-methylphenol	10.47	198	1773	8.639	nq #	1
65) n-Nitrosodiphenylamine	10.52	169	331481	40.073	nq	95
66) 4-Bromophenyl-phenylether	10.89	248	91221	35.947	nq	93
67) Hexachlorobenzene	10.97	284	93008	32.573	nq #	88
68) Atrazine	11.06	200	84226	33.733	nq	97
69) Pentachlorophenol	11.17	266	80015	45.296	nq	98
70) Phenanthrene	11.40	178	3256759	245.129	nq	99
71) Anthracene	11.44	178	1538054	113.885	nq	99
72) Carbazole	11.59	167	1009027	76.459	nq	98
73) Di-n-butylphthalate	11.92	149	505681	31.368	nq	97
74) Fluoranthene	12.61	202	2821454	203.257	nq	98
76) Benzidine	12.70	184	6509	Below	Cal #	1
77) Pyrene	12.85	202	3124389	502.601	nq	98
79) Butylbenzylphthalate	13.43	149	175187	59.818	nq #	96
80) Benzo(a)anthracene	14.03	228	1470157	293.430	nq #	81
81) 3,3'-Dichlorobenzidine	13.99	252	17091	9.149	nq #	73
82) Chrysene	14.07	228	1219013	236.872	nq	95
83) Bis(2-ethylhexyl)phthalate	13.99	149	225220	59.788	nq #	98
84) Di-n-octyl phthalate	14.60	149	320578	50.931	nq #	88
85) Indeno(1,2,3-cd)pyrene	17.06	276	1270981	290.729	nq #	91
87) Benzo(b)fluoranthene	15.11	252	2074869	7997.052	nq #	94
88) Benzo(k)fluoranthene	15.11	252	2074869	8470.653	nq	97
89) Benzo(a)pyrene	15.48	252	1253806	5400.918	nq	94
90) Dibenzo(a,h)anthracene	17.05	278	413238	2167.378	nq	94
91) Benzo(g,h,i)perylene	17.52	276	1414159	7655.688	nq	93

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

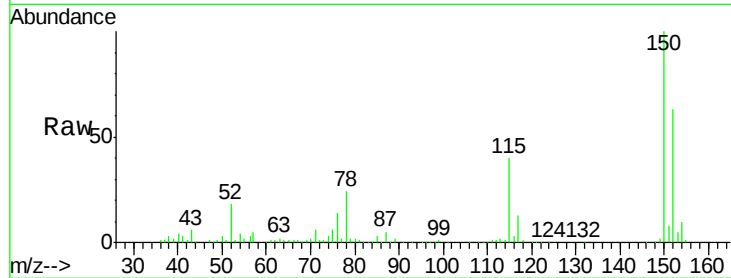


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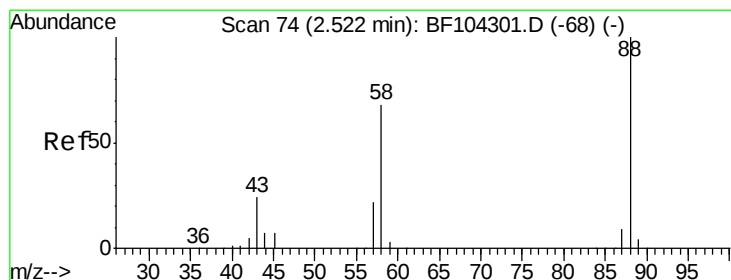
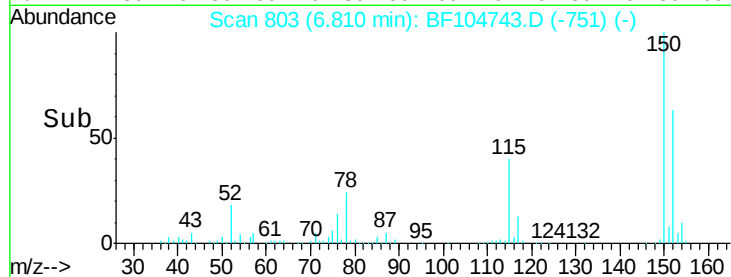
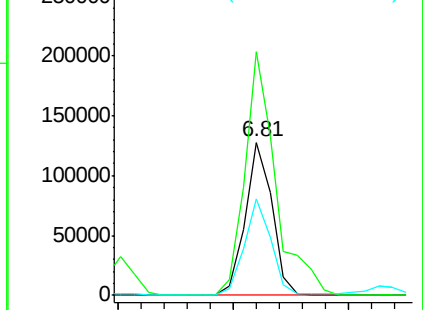
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 103770
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 63.4 50.1 75.1



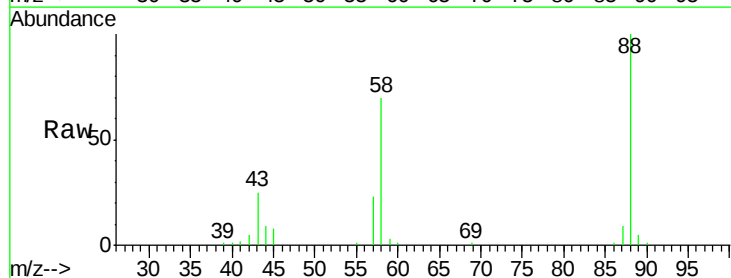
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



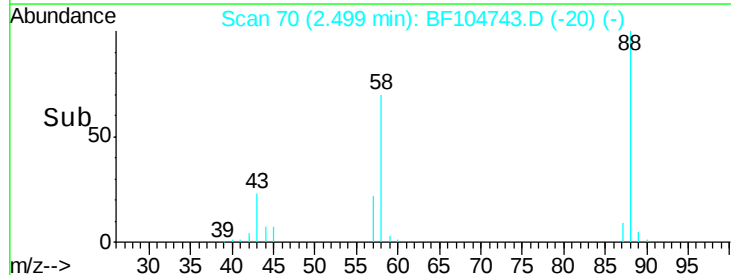
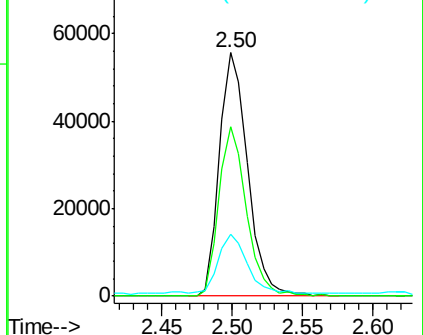
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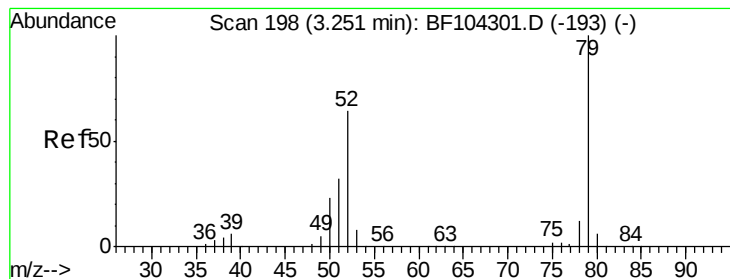
1,4-Dioxane
Concen: 24.513 ng
RT: 2.50 min Scan# 70
Delta R.T. -0.01 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion: 88 Resp: 77516
Ion Ratio Lower Upper
88 100
58 68.1 62.6 93.8
43 24.9 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: 25.644 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Instrument :

BNA_F

ClientSampled :

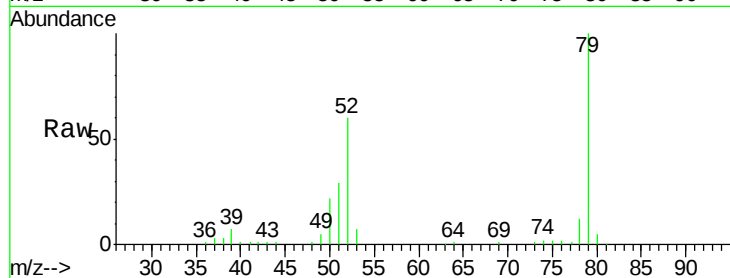
Tot Ion: 79 Resp: 228000

Ion Ratio Lower Upper

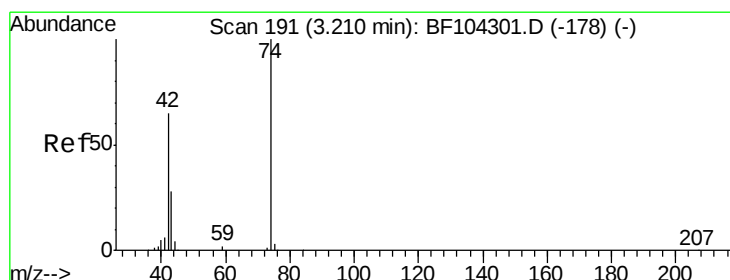
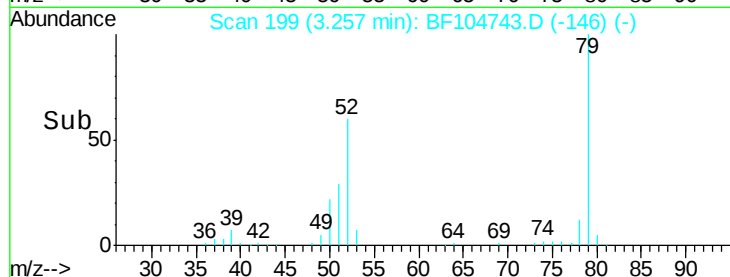
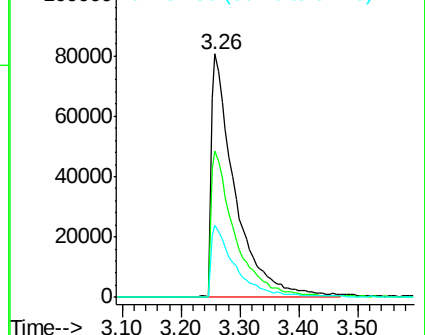
79 100

52 60.3 59.8 89.6

51 29.5 29.8 44.8#



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



#4

n-Nitrosodimethylamine

Concen: 29.900 ng

RT: 3.20 min Scan# 190

Delta R.T. -0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

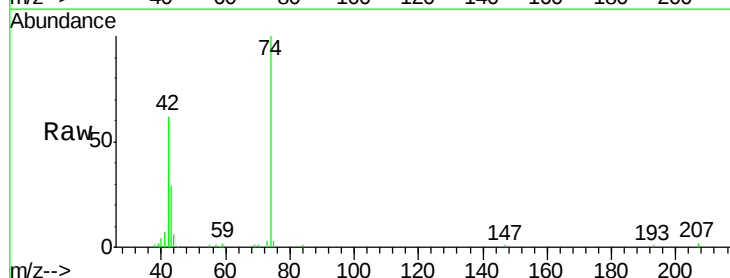
Tgt Ion: 42 Resp: 92926

Ion Ratio Lower Upper

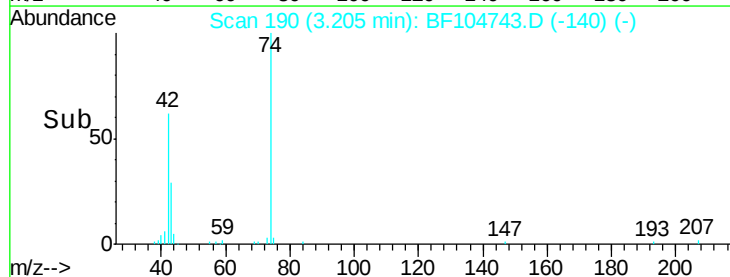
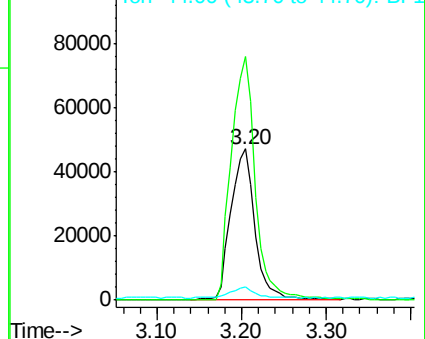
42 100

74 160.9 104.9 157.3#

44 8.9 6.9 10.3



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





#5

2-Fluorophenol

Concen: 117.930 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Instrument :

BNA_F

ClientSampled :

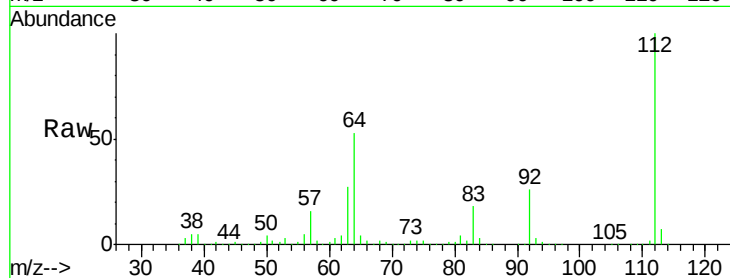
Tot Ion: 112 Resp: 800335

Ion Ratio Lower Upper

112 100

64 53.3 47.9 71.9

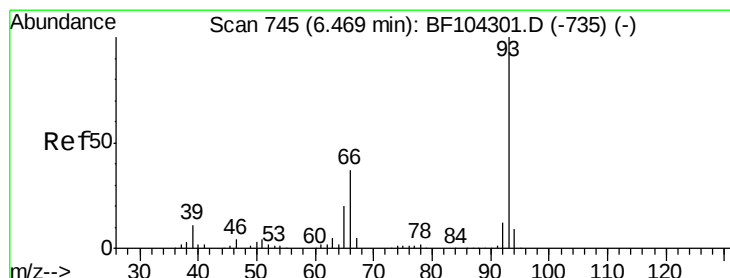
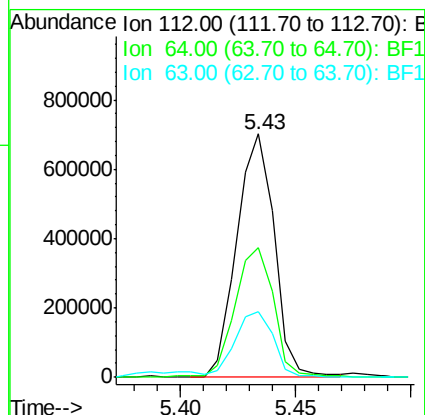
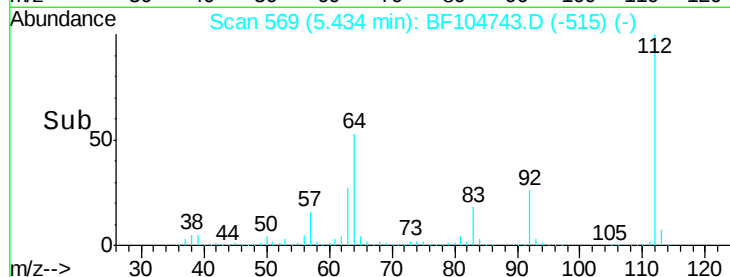
63 27.2 23.7 35.5



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: 8.744 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

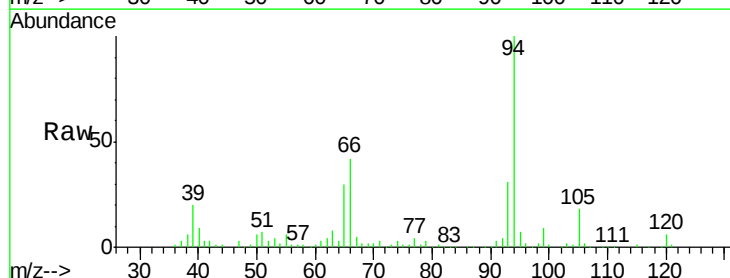
Tgt Ion: 93 Resp: 101294

Ion Ratio Lower Upper

93 100

66 133.4 32.2 48.2#

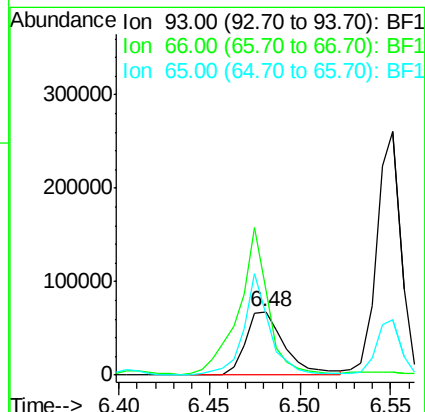
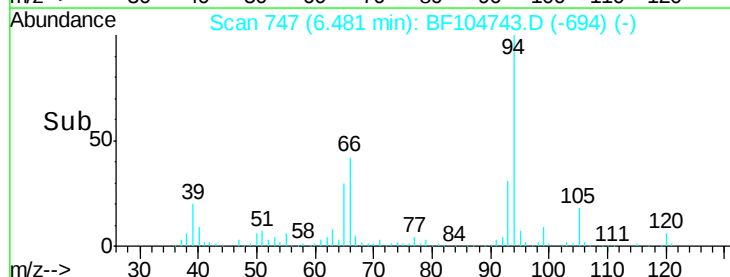
65 96.1 16.4 24.6#



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: 113.395 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.02 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Instrument :

BNA_F

ClientSampled :

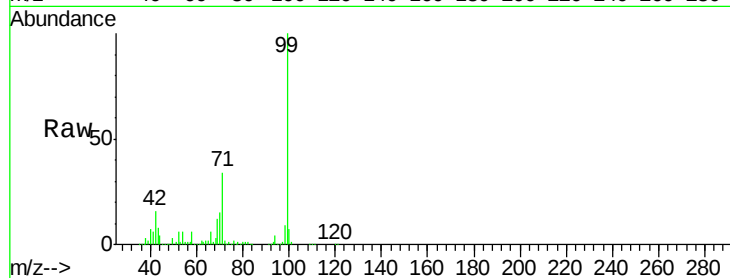
Tot Ion: 99 Resp: 945541

Ion Ratio Lower Upper

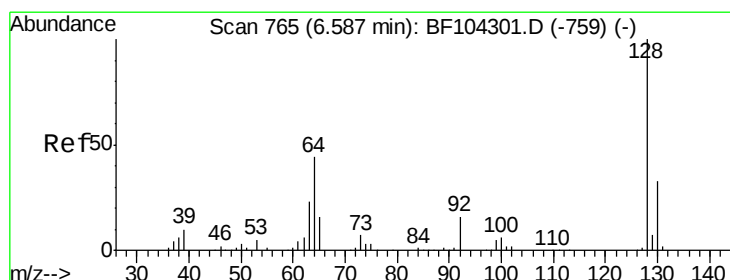
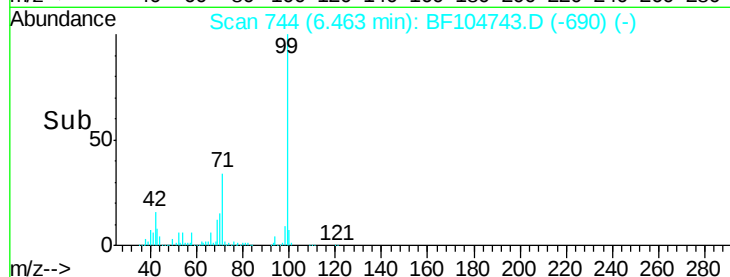
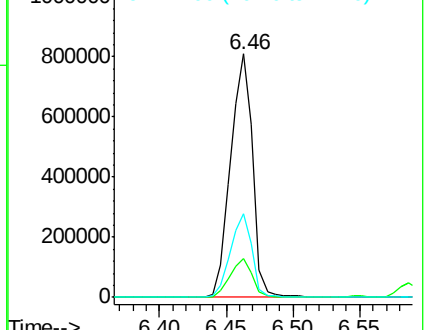
99 100

42 16.2 14.5 21.7

71 34.3 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: 33.575 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

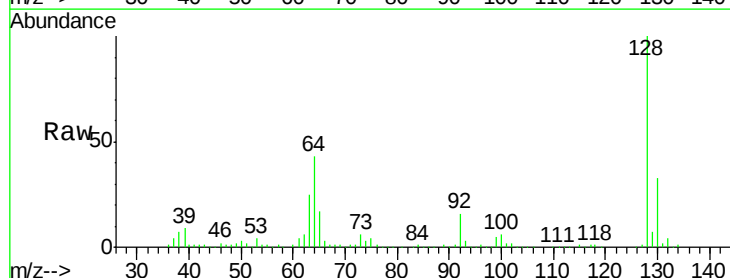
Tgt Ion: 128 Resp: 240498

Ion Ratio Lower Upper

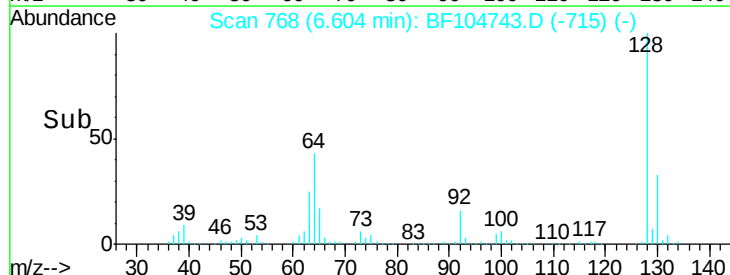
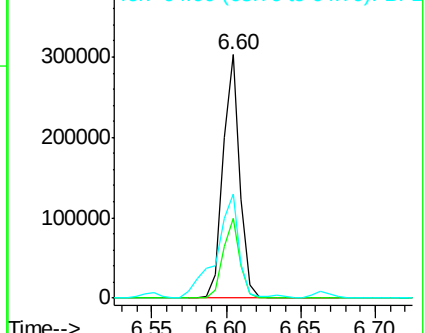
128 100

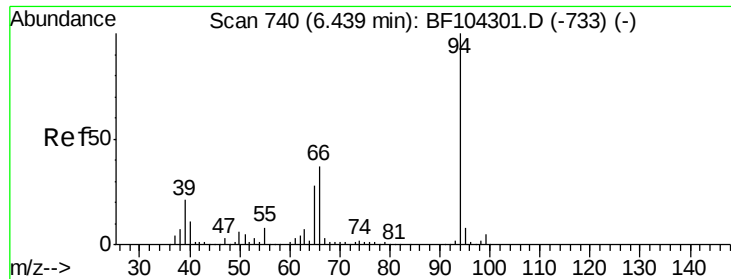
130 32.9 13.0 53.0

64 42.6 29.4 69.4



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

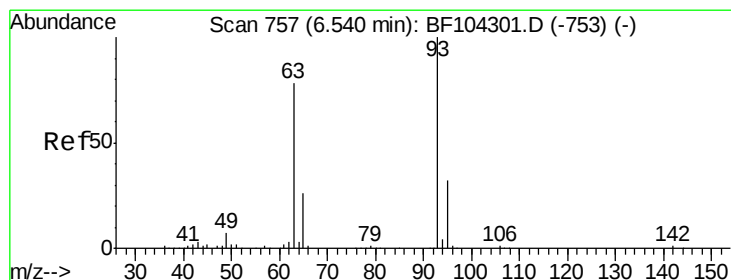
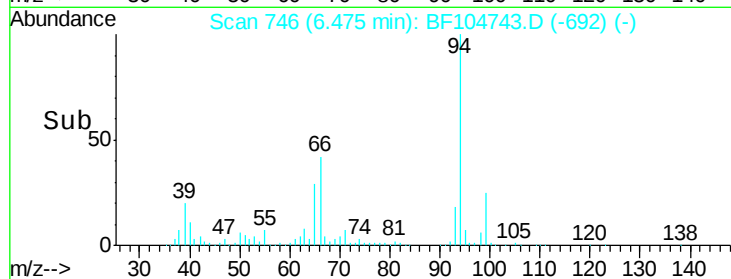
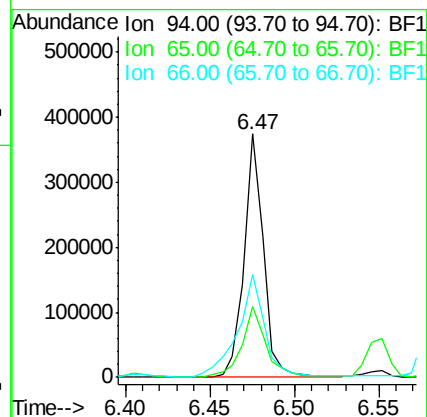
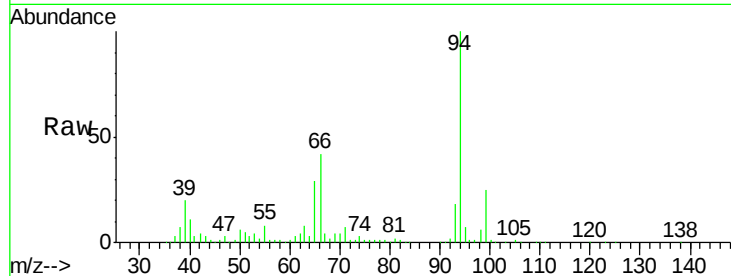




#10
Phenol
Concen: 33.671 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.02 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

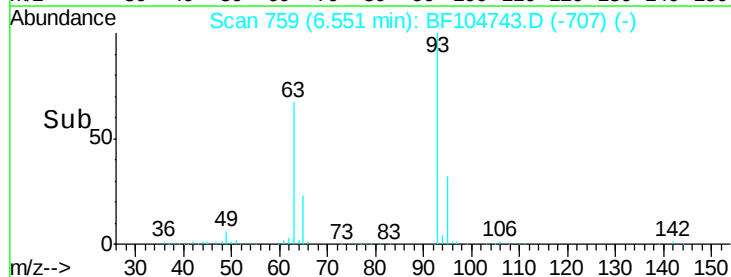
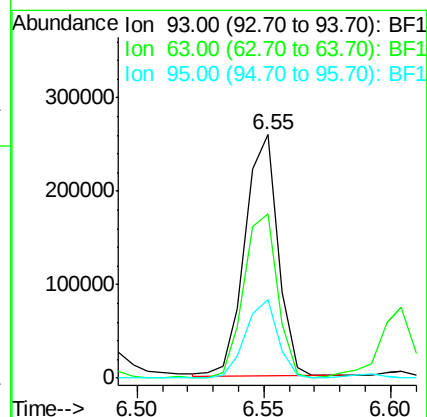
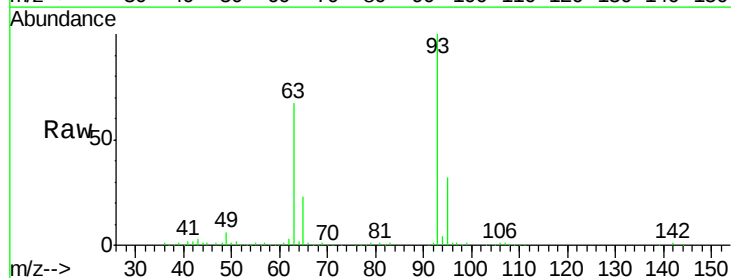
Instrument :
BNA_F
ClientSampled :

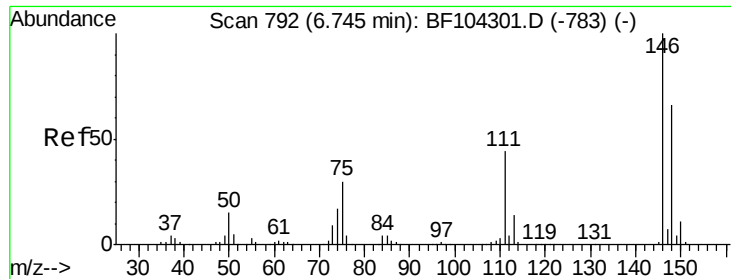
Tot Ion	94	Resp	297897
Ion Ratio	Lower	Upper	
94	100		
65	29.1	7.9	47.9
66	42.3	16.2	56.2



#11
bis(2-Chloroethyl)ether
Concen: 33.353 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion	93	Resp	235481
Ion Ratio	Lower	Upper	
93	100		
63	67.2	58.6	98.6
95	32.3	11.8	51.8

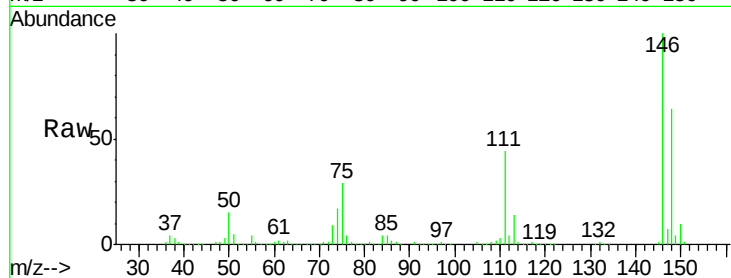




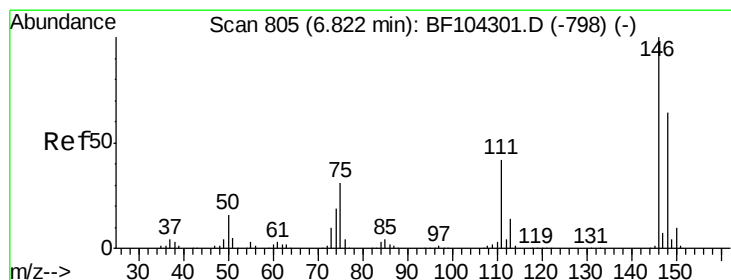
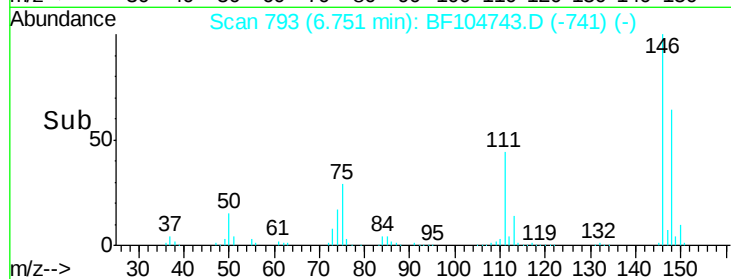
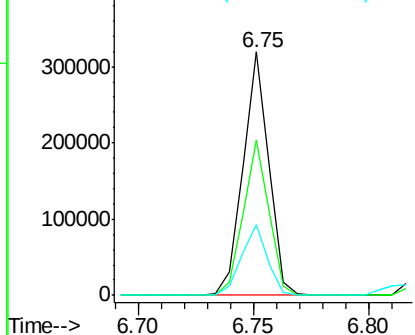
#12
 1,3-Dichlorobenzene
 Concen: 30.538 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF104743.D
 Acq: 24 Apr 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	29.1	24.2	36.4

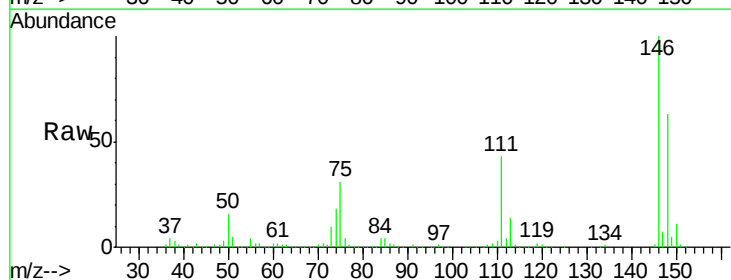


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

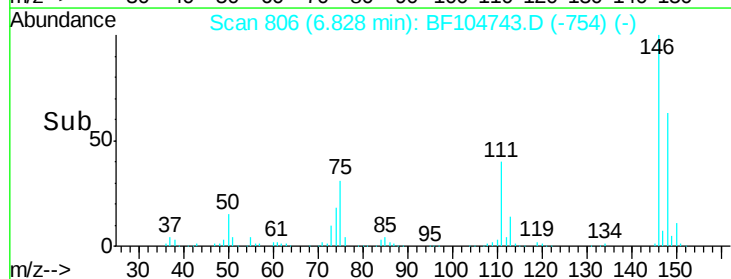
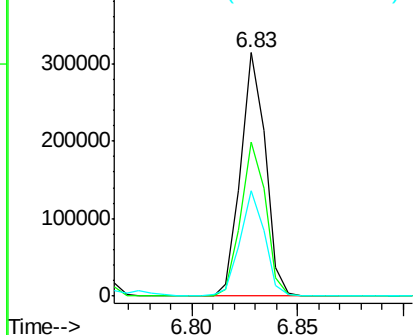


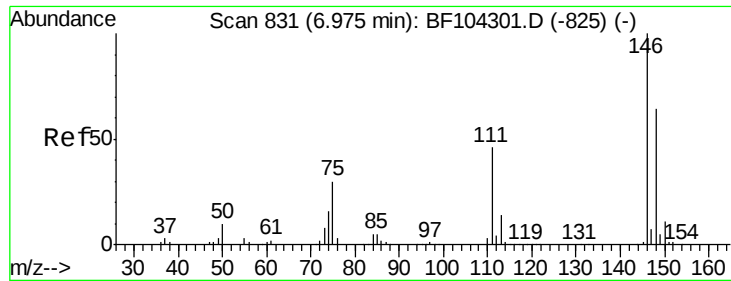
#13
 1,4-Dichlorobenzene
 Concen: 31.513 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF104743.D
 Acq: 24 Apr 2018 8:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.8	76.2
111	43.1	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: 21.894 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Instrument :

BNA_F

ClientSampleId :

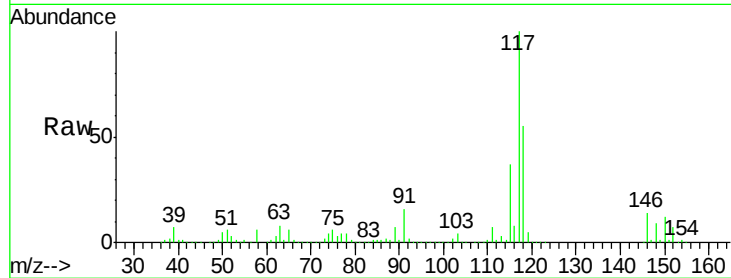
Tot Ion:146 Resp: 164120

Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

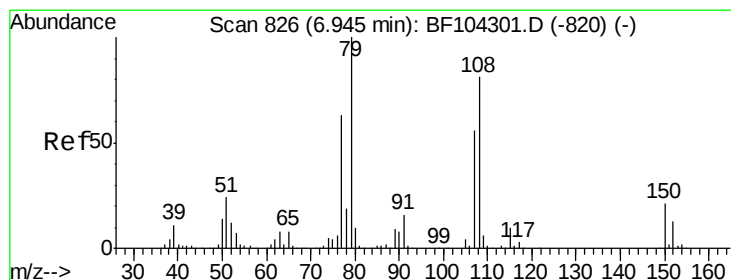
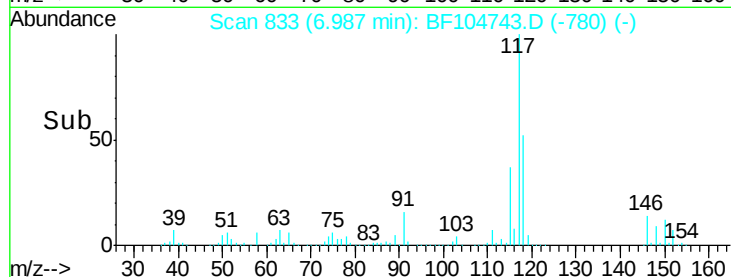
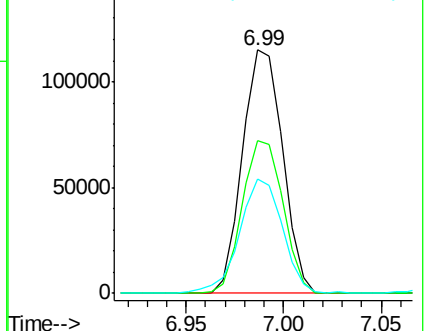
111 46.8 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 28.639 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

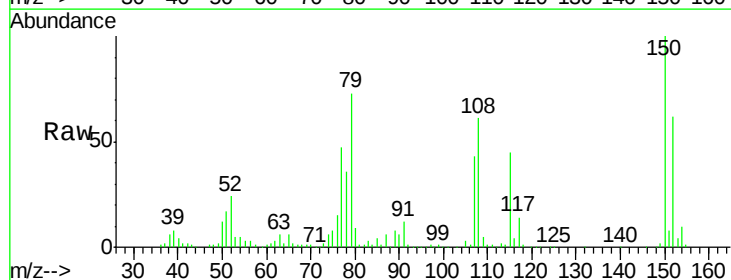
Tgt Ion: 79 Resp: 181381

Ion Ratio Lower Upper

79 100

108 83.2 65.1 97.7

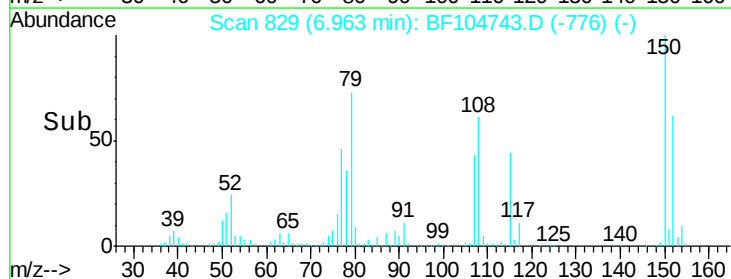
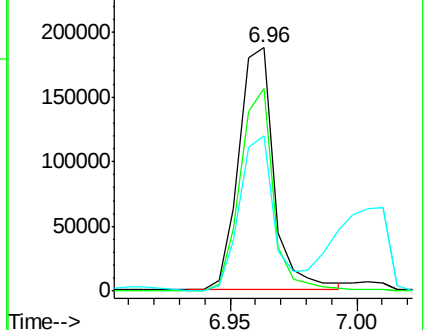
77 63.6 50.6 75.8

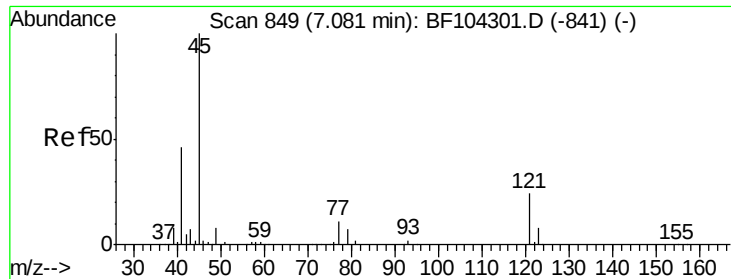


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

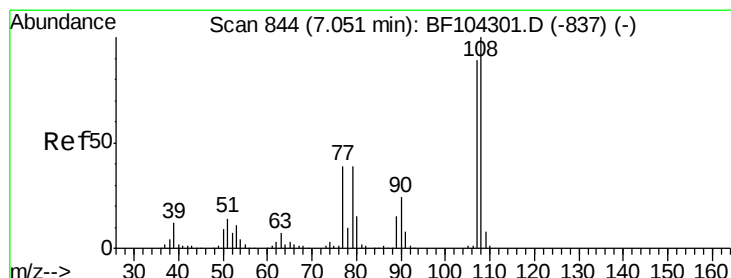
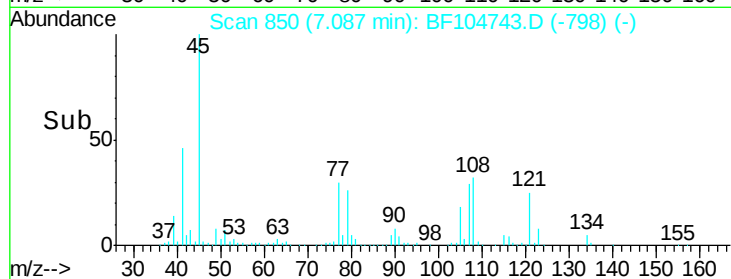
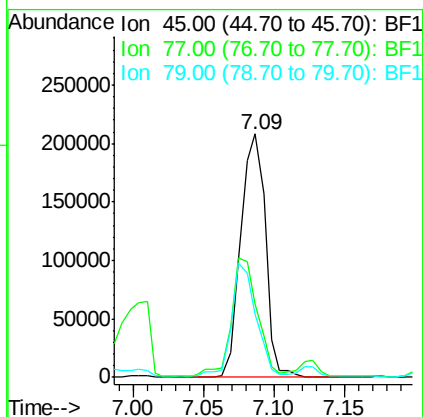
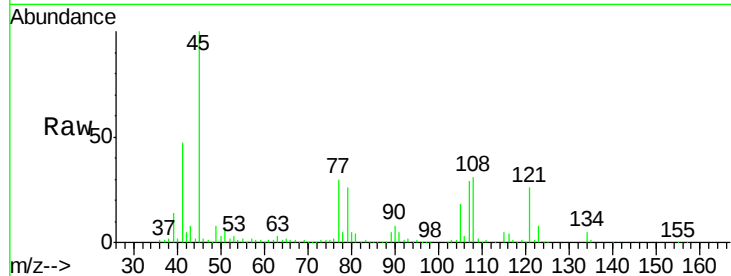




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 26.843 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

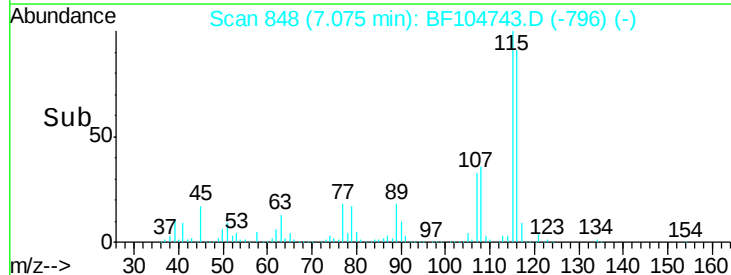
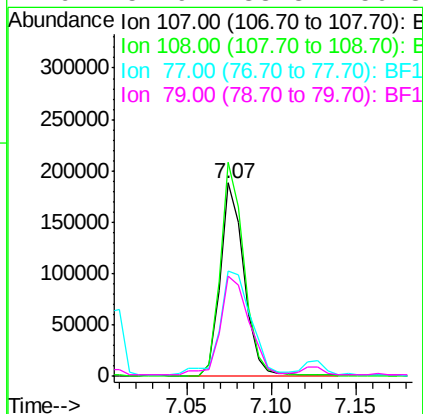
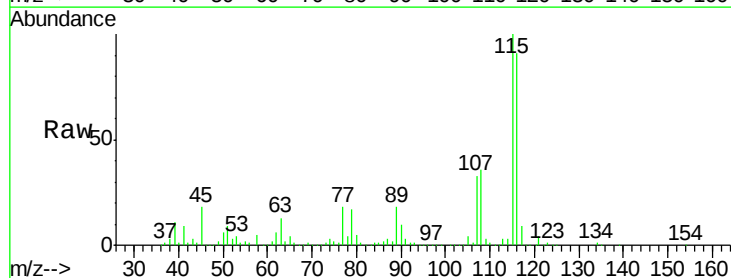
Instrument :
BNA_F
ClientSampleId :

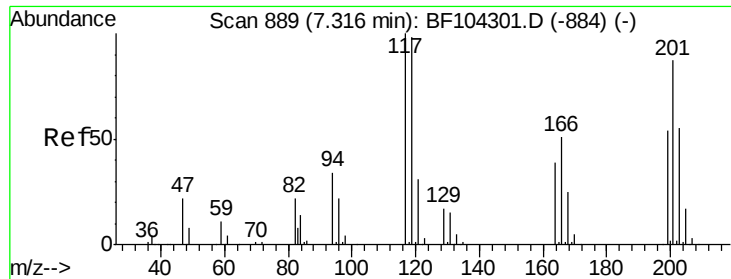
Tot Ion: 45 Resp: 254512
Ion Ratio Lower Upper
45 100
77 29.9 0.0 32.9
79 25.9 0.0 29.6



#17
2-Methylphenol
Concen: 29.453 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion:107 Resp: 183385
Ion Ratio Lower Upper
107 100
108 110.8 91.7 137.5
77 54.2 33.8 50.8#
79 51.9 33.8 50.8#

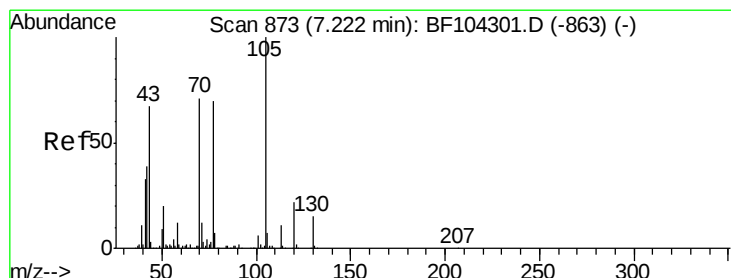
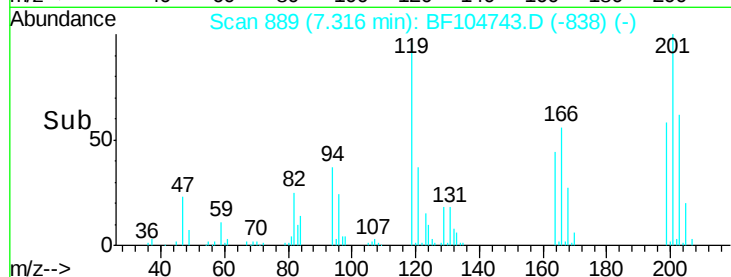
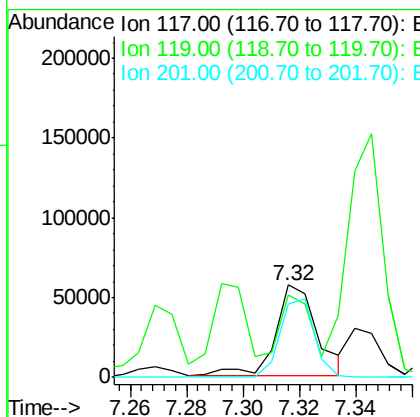
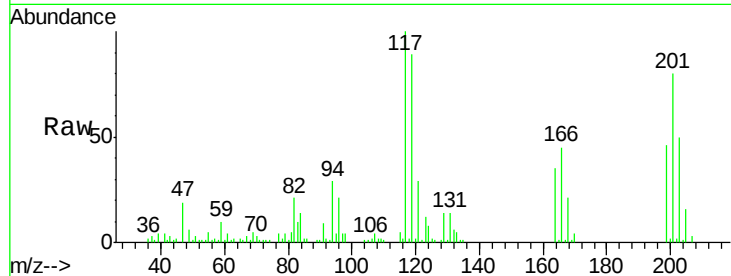




#18
Hexachloroethane
Concen: 20.488 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

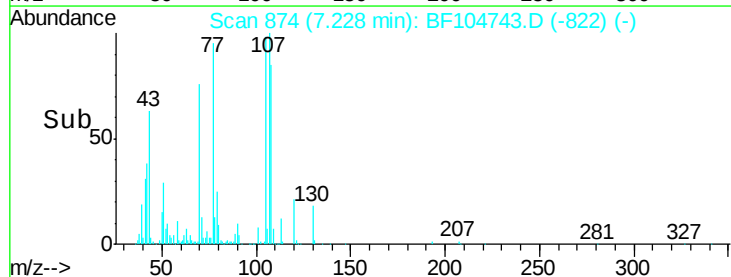
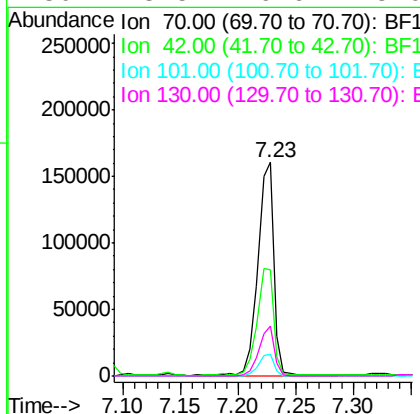
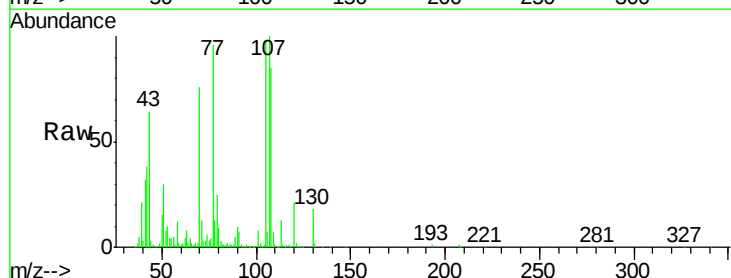
Instrument :
BNA_F
ClientSampleId :

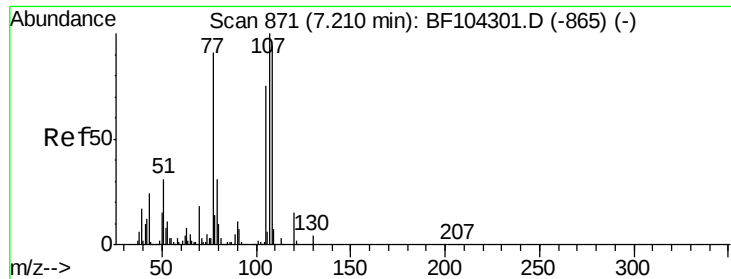
Tot Ion:117 Resp: 59090
Ion Ratio Lower Upper
117 100
119 89.4 75.8 113.8
201 79.7 75.7 113.5



#19
n-Nitroso-di-n-propylamine
Concen: 28.518 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion: 70 Resp: 155390
Ion Ratio Lower Upper
70 100
42 50.0 47.5 71.3
101 10.4 7.4 11.2
130 23.5 16.6 25.0





#20

3+4-Methylphenols

Concen: 32.988 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 254743

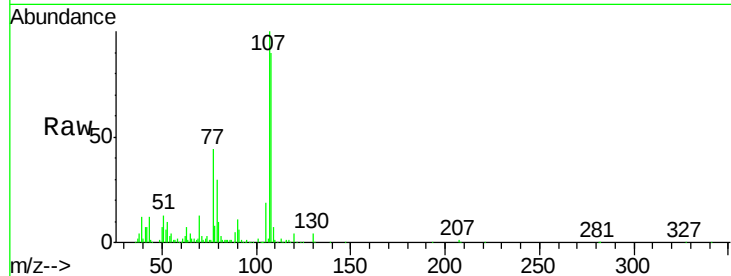
Ion Ratio Lower Upper

107 100

108 90.1 68.2 108.2

77 44.1 26.7 66.7

79 30.0 6.3 46.3

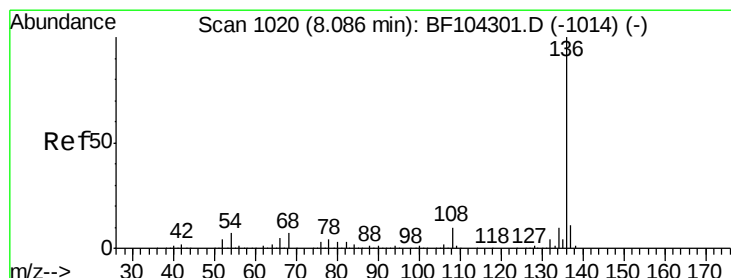
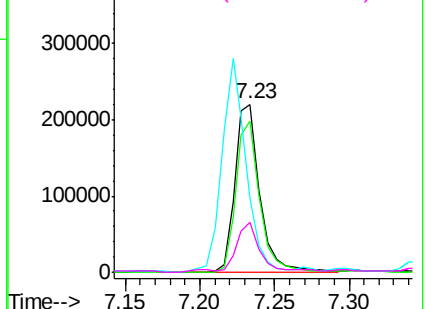
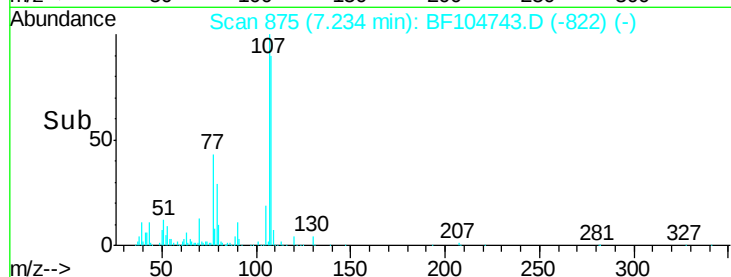


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Tgt Ion:136 Resp: 353868

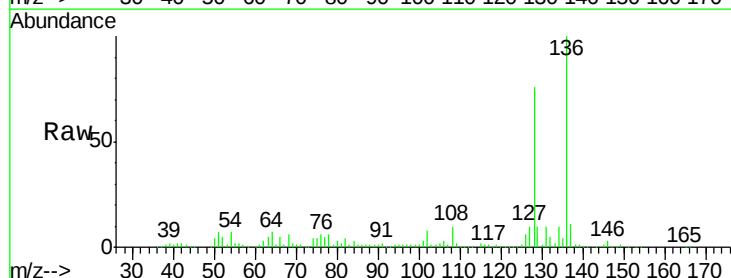
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 5.8 5.0 7.4

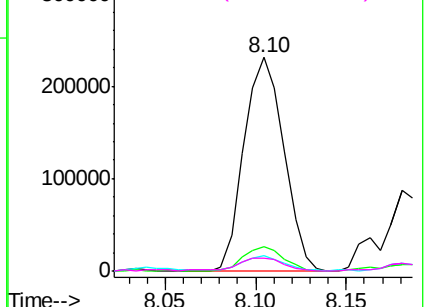
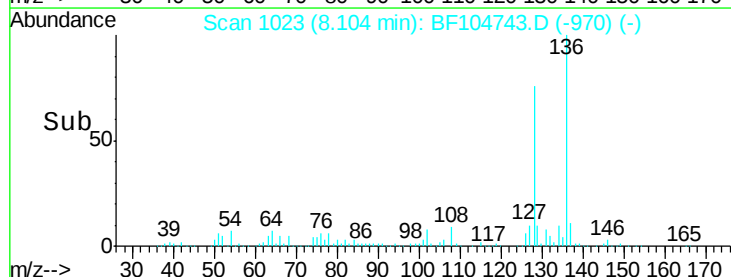


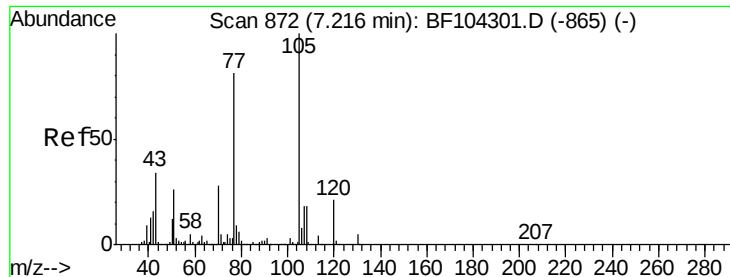
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

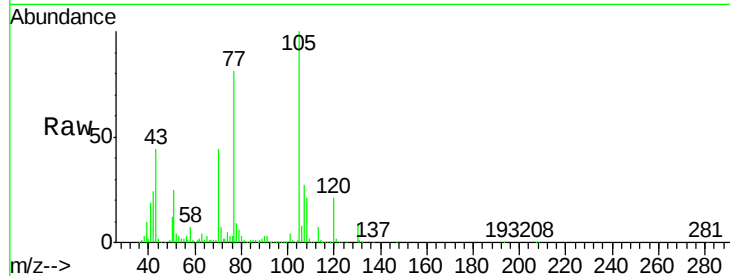




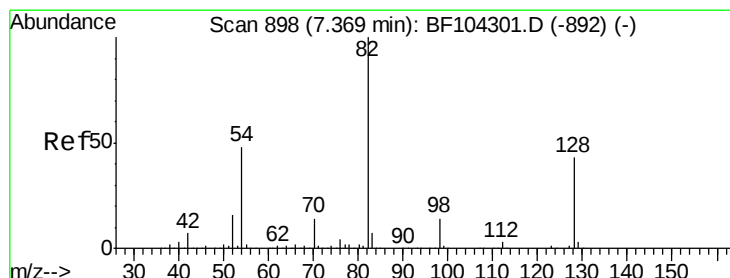
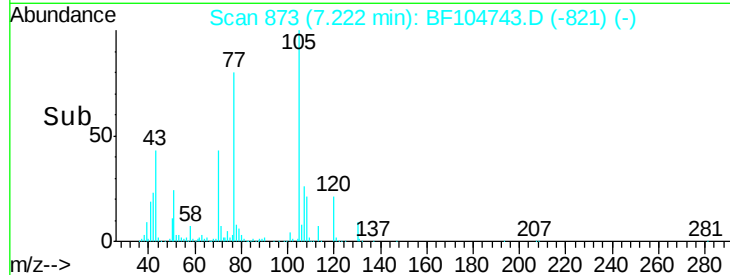
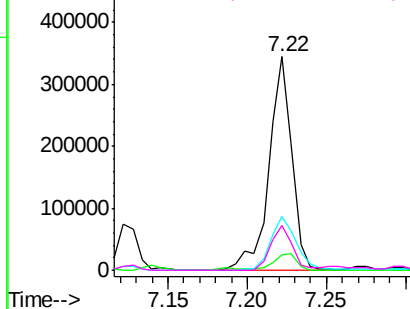
#22
Acetophenone
Concen: 40.313 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:105 Resp: 351206
Ion Ratio Lower Upper
105 100
71 7.3 4.4 6.6#
51 25.3 22.3 33.5
120 21.0 16.9 25.3

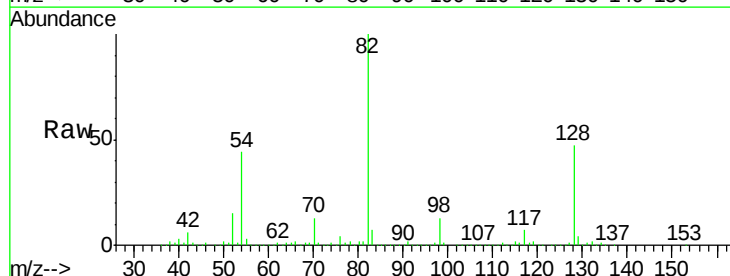


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

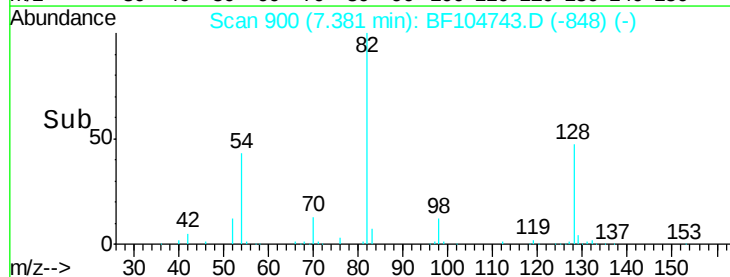
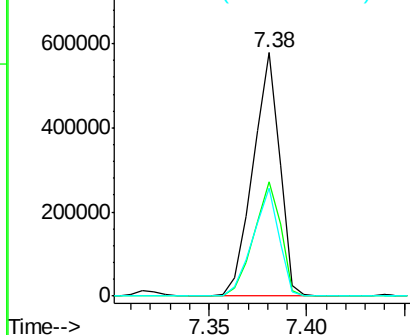


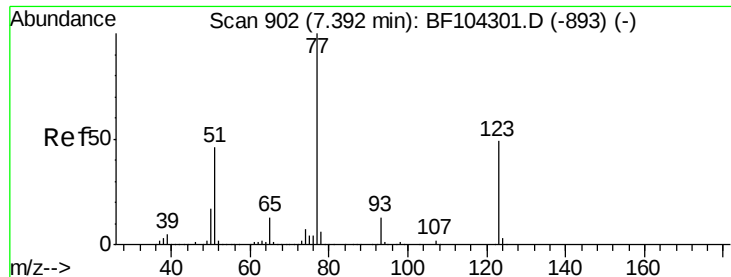
#23
Nitrobenzene-d5
Concen: 100.697 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion: 82 Resp: 545707
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 44.3 41.4 62.2



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

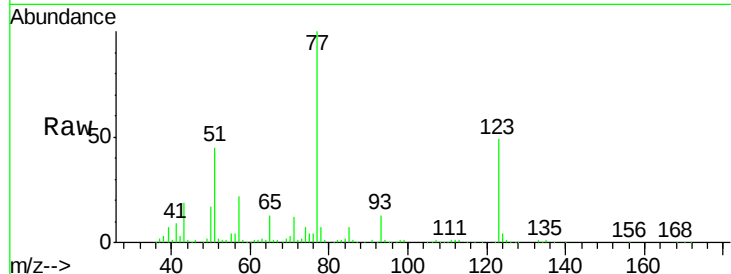




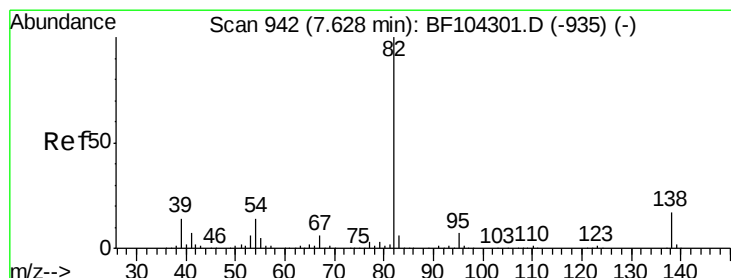
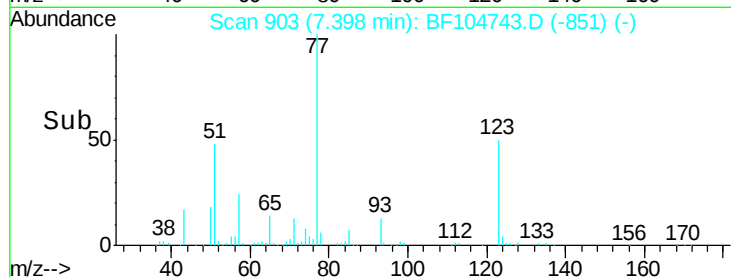
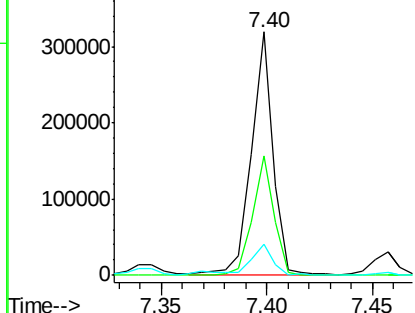
#24
 Nitrobenzene
 Concen: 37.460 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: BF104743.D
 Acq: 24 Apr 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
123	49.1	37.9	56.9
65	13.0	11.0	16.4

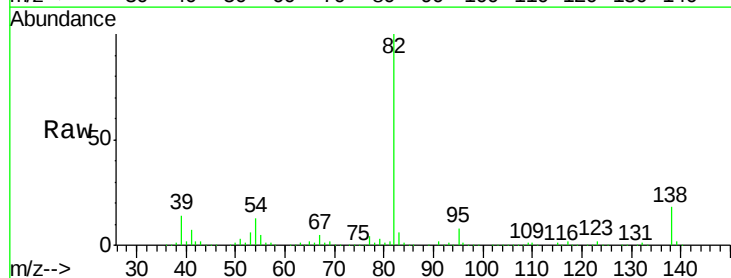


Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

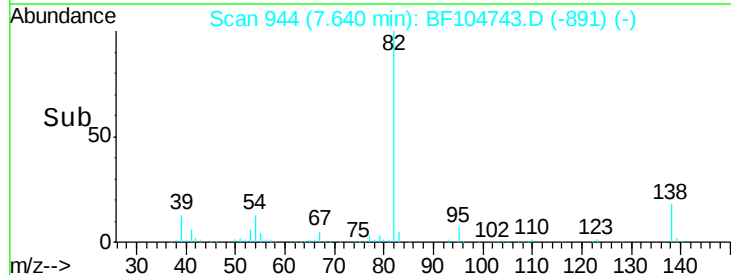
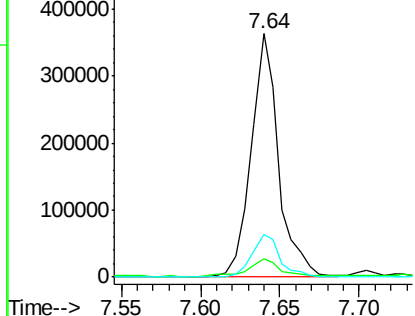


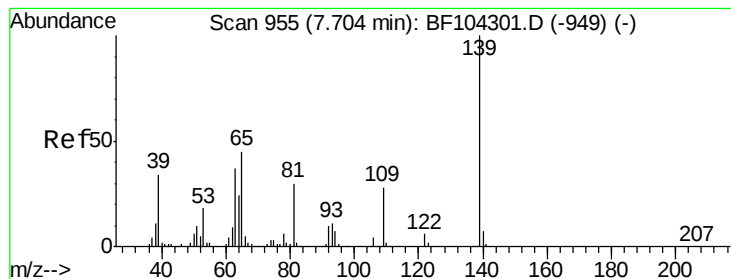
#25
 Isophorone
 Concen: 37.727 ng
 RT: 7.64 min Scan# 944
 Delta R.T. 0.01 min
 Lab File: BF104743.D
 Acq: 24 Apr 2018 8:16

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.2	7.8
138	17.8	14.9	22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

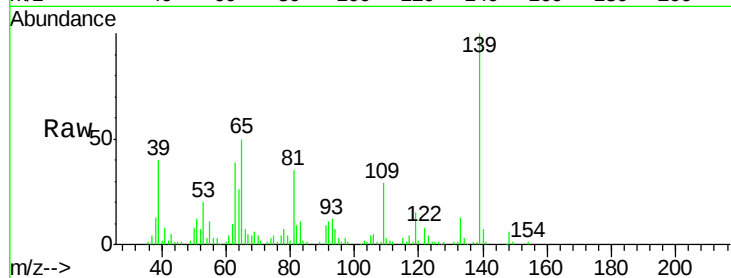




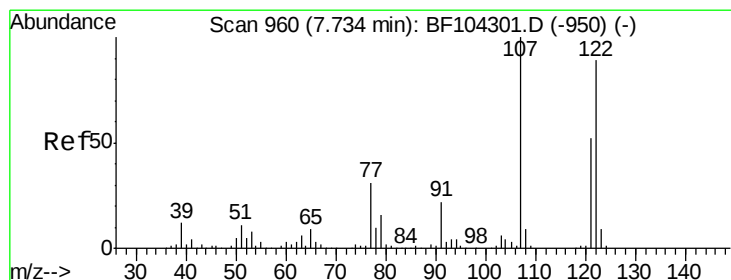
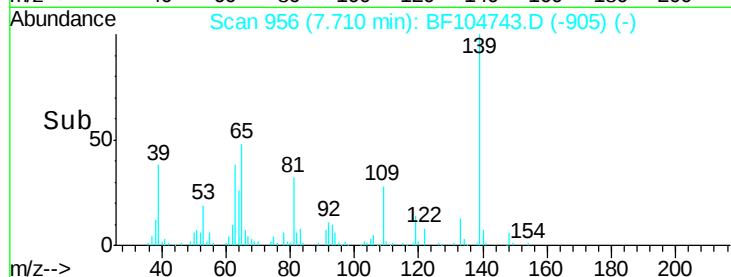
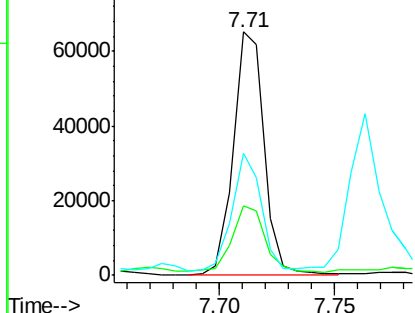
#26
2-Nitrophenol
Concen: 24.994 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	28.8	22.7	34.1
65	50.0	40.5	60.7

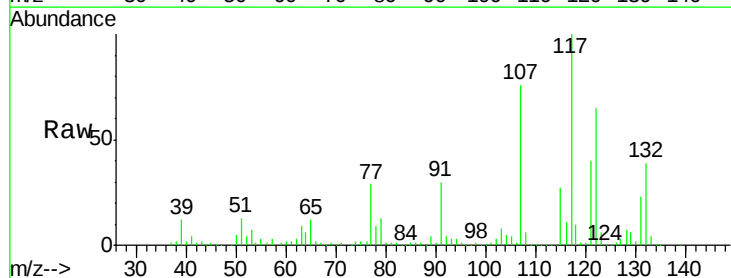


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

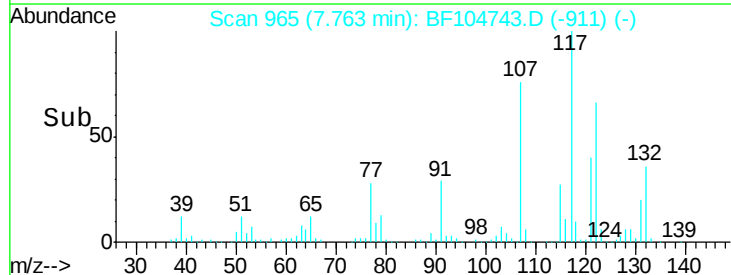
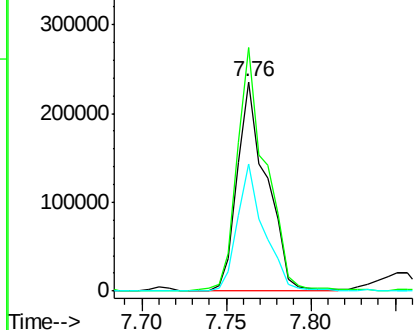


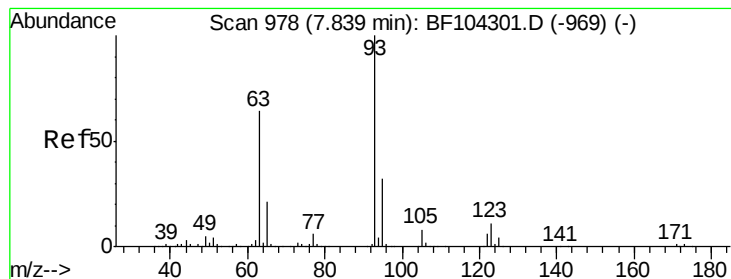
#27
2,4-Dimethylphenol
Concen: 55.615 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.02 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.4	91.2	136.8
121	60.5	47.2	70.8



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





#28

bis(2-Chloroethoxy)methane

Concen: 38.929 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.02 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Instrument :

BNA_F

ClientSampleId :

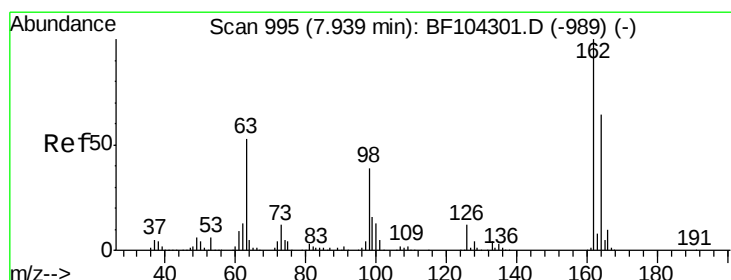
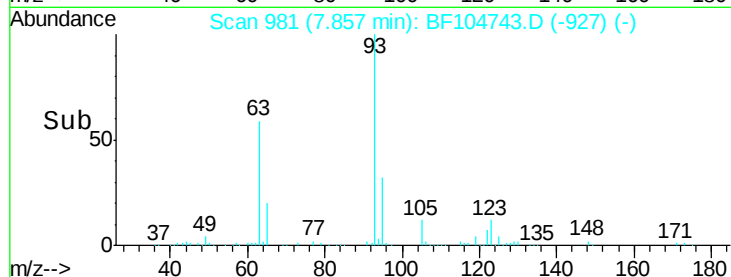
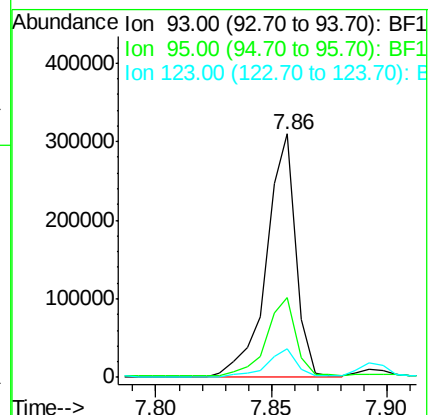
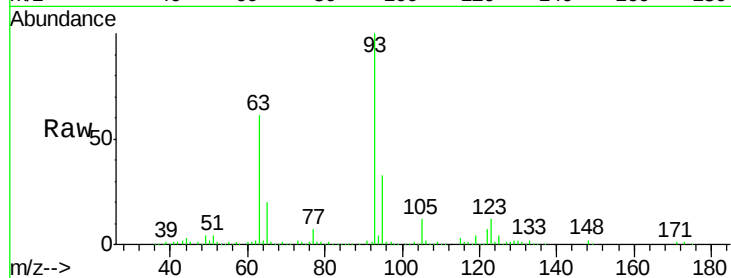
Tot Ion: 93 Resp: 272762

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

123 11.7 9.8 14.6



#29

2,4-Dichlorophenol

Concen: 37.197 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.02 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

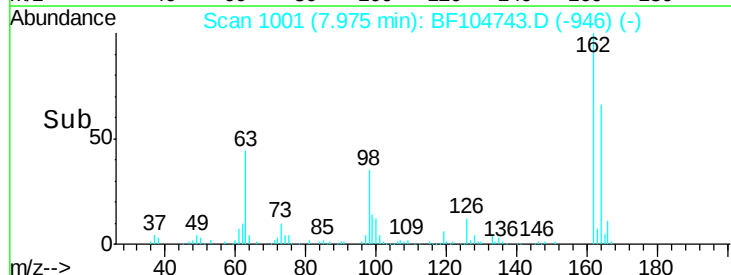
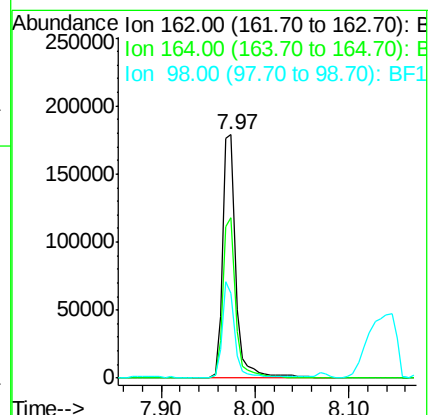
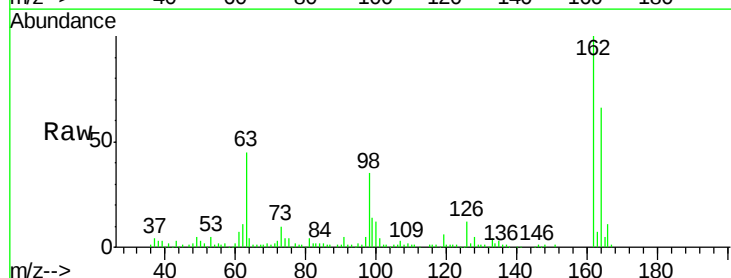
Tgt Ion: 162 Resp: 179500

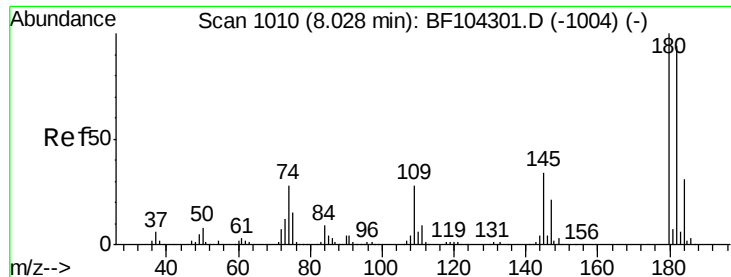
Ion Ratio Lower Upper

162 100

164 65.8 42.7 82.7

98 34.8 18.1 58.1

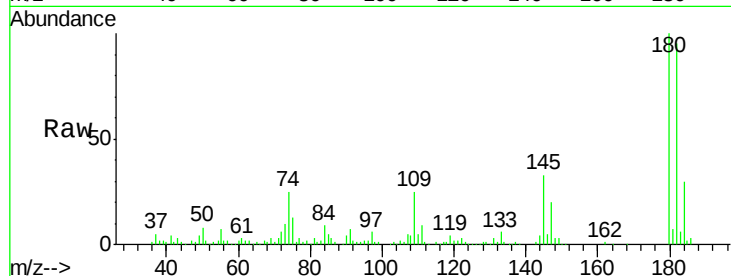




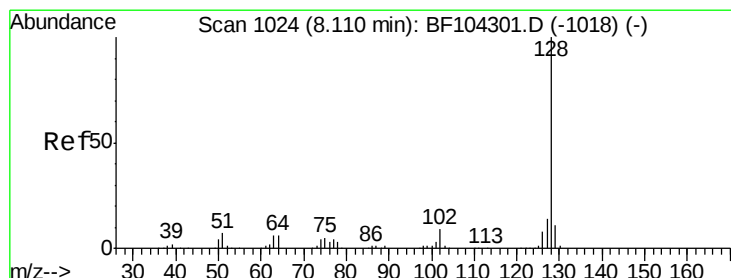
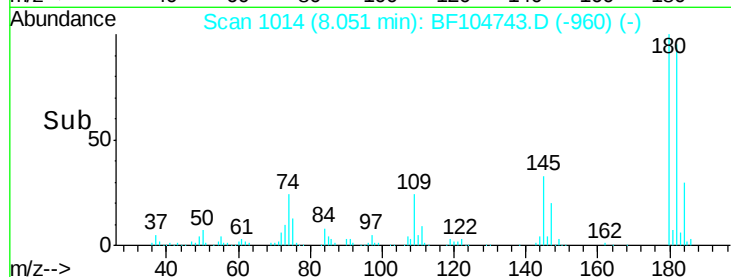
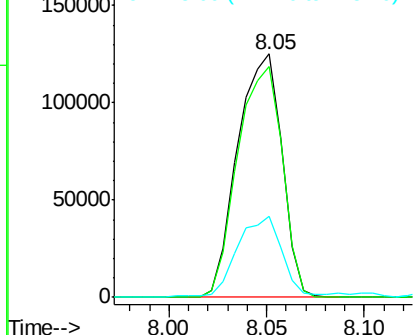
#30
 1,2,4-Trichlorobenzene
 Concen: 37.054 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.02 min
 Lab File: BF104743.D
 Acq: 24 Apr 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 196235
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.8 115.2
 145 33.3 26.5 39.7

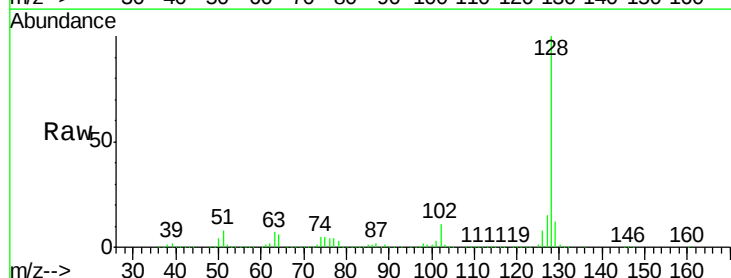


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

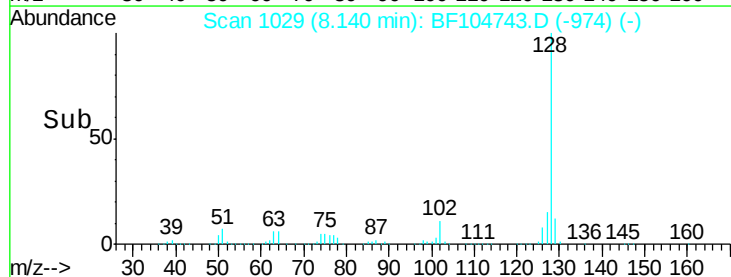
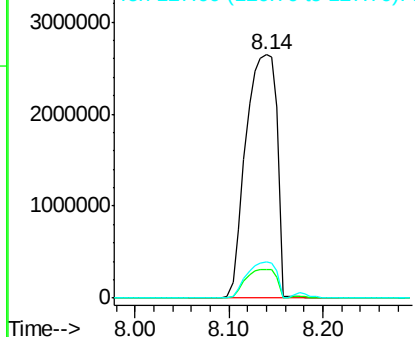


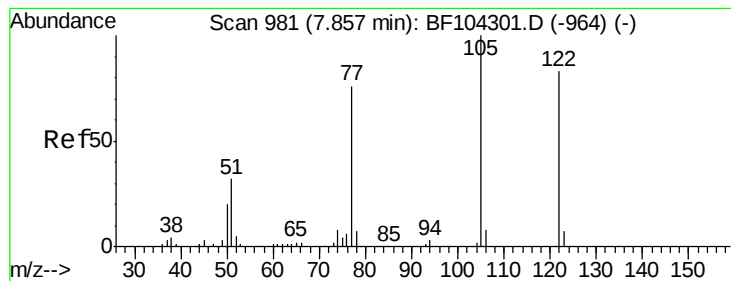
#31
 Naphthalene
 Concen: 341.756 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. 0.02 min
 Lab File: BF104743.D
 Acq: 24 Apr 2018 8:16

Tgt Ion:128 Resp: 6021987
 Ion Ratio Lower Upper
 128 100
 129 11.9 8.8 13.2
 127 14.7 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: 45.834 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.02 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Instrument :

BNA_F

ClientSampled :

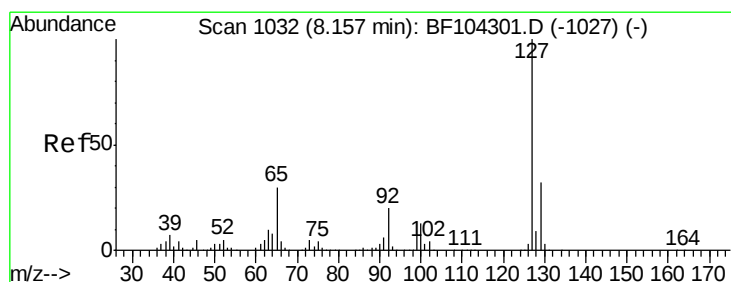
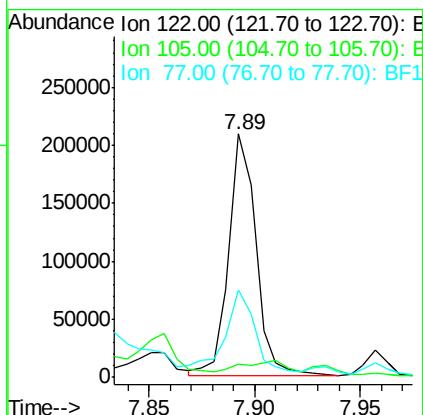
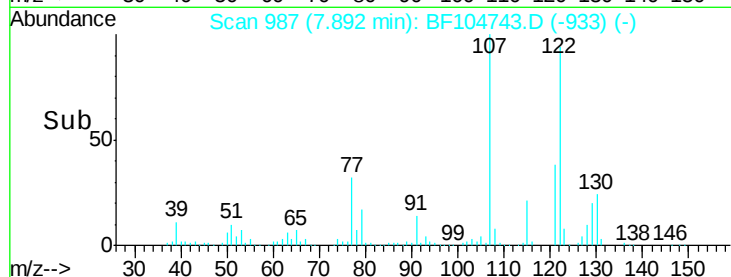
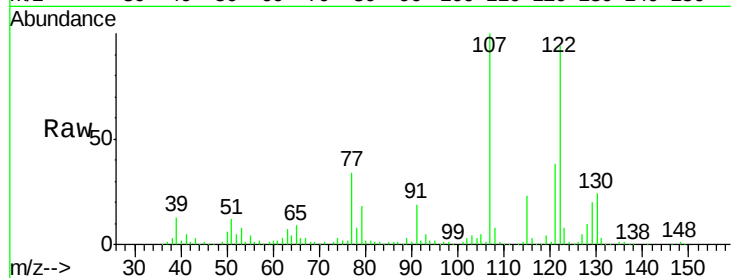
Tot Ion:122 Resp: 184956

Ion Ratio Lower Upper

122 100

105 5.2 101.1 141.1#

77 36.2 70.7 110.7#



#33

4-Chloroaniline

Concen: 9.500 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Tgt Ion:127 Resp: 71718

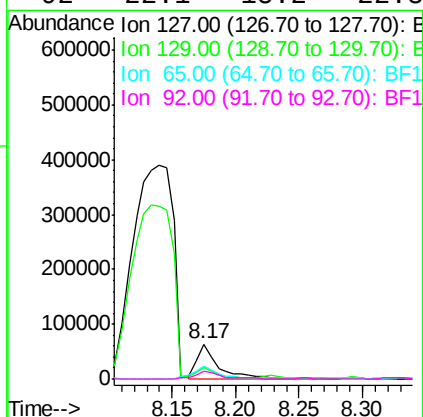
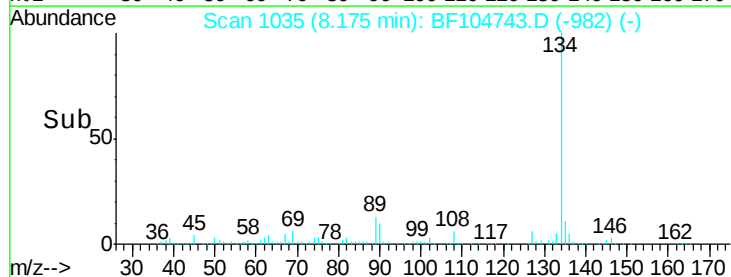
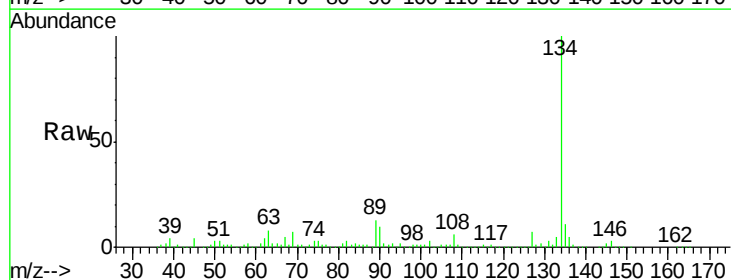
Ion Ratio Lower Upper

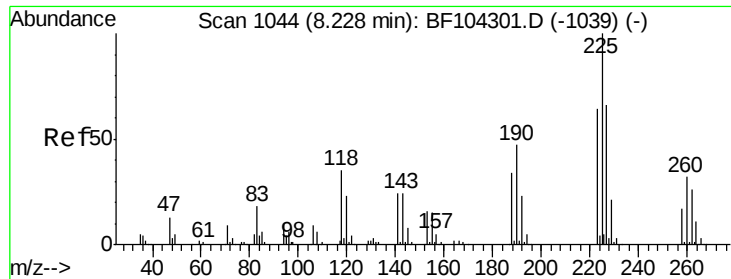
127 100

129 32.7 25.9 38.9

65 36.4 25.0 37.4

92 22.1 15.2 22.8

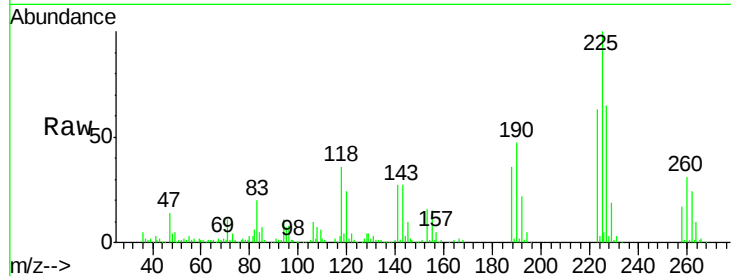




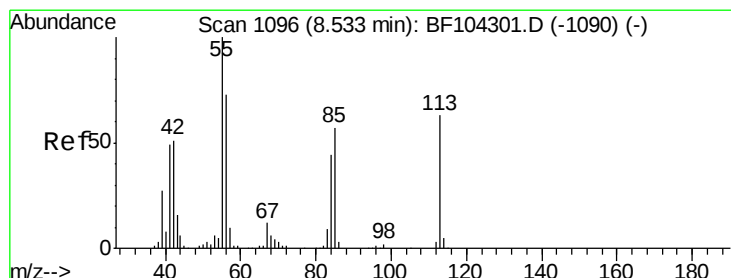
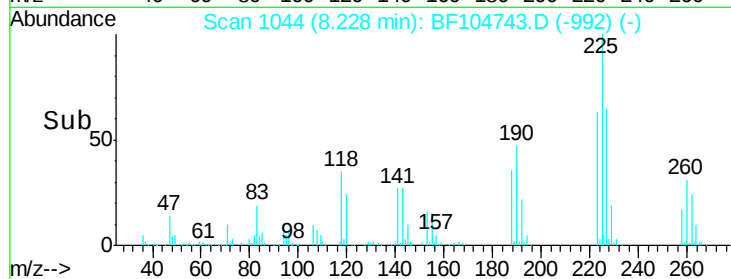
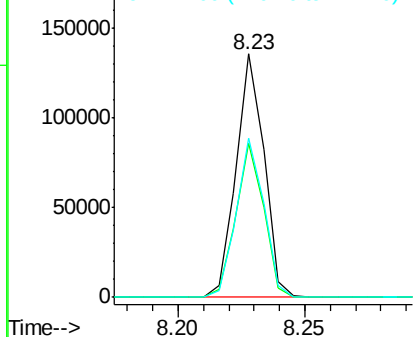
#34
Hexachlorobutadiene
Concen: 35.678 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	65.3	51.9	77.9

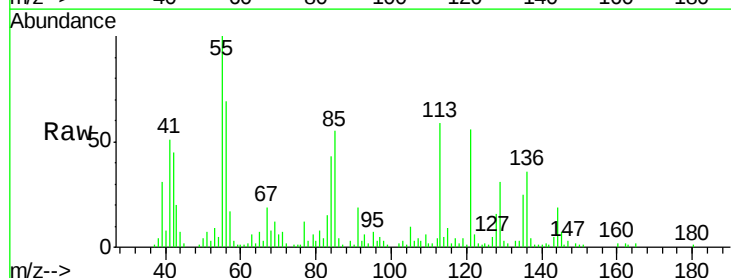


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

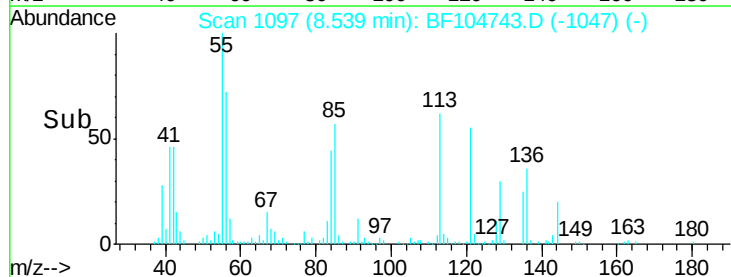
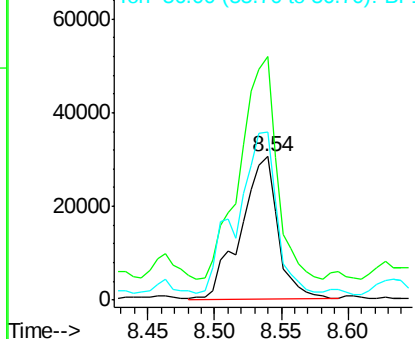


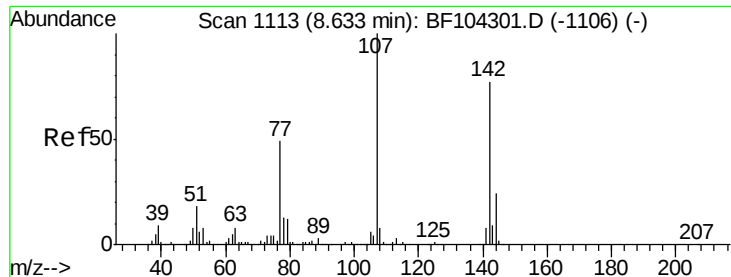
#35
Caprolactam
Concen: 34.273 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion	Ratio	Lower	Upper
113	100		
55	170.0	163.3	203.3
56	117.5	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

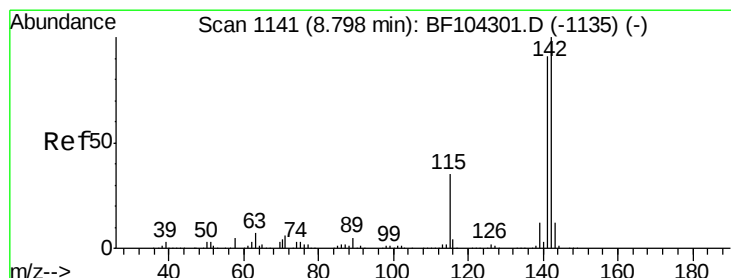
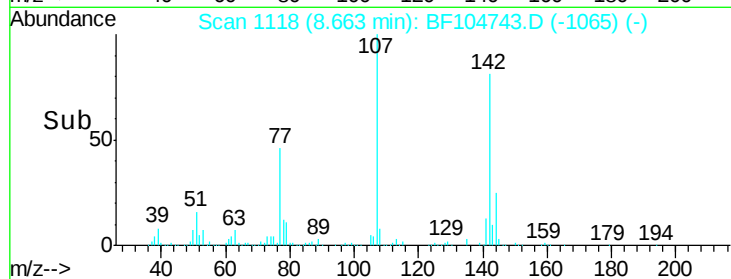
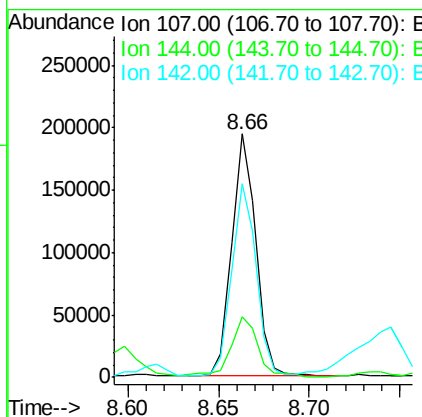
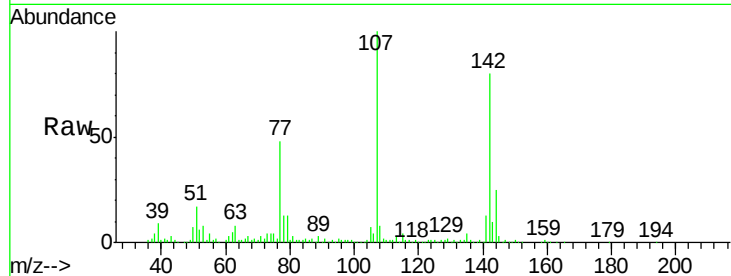




#36
 4-Chloro-3-methylphenol
 Concen: 34.677 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF104743.D
 Acq: 24 Apr 2018 8:16

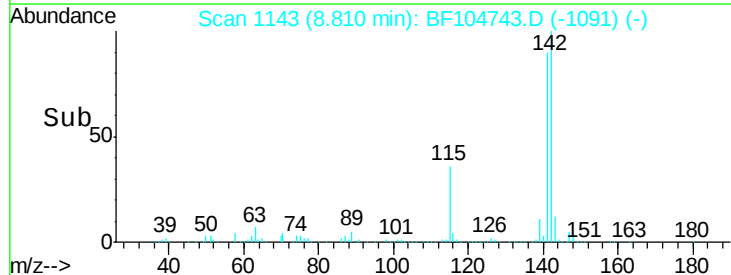
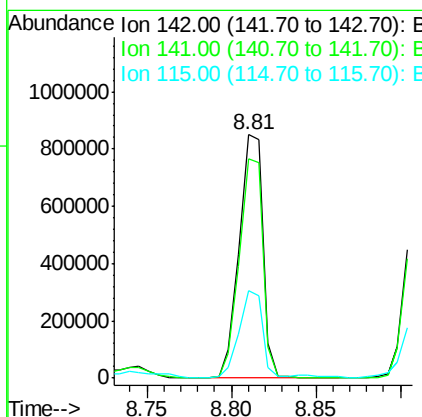
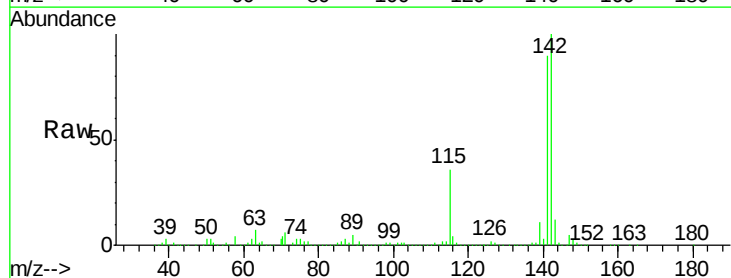
Instrument :
 BNA_F
 ClientSampleID :

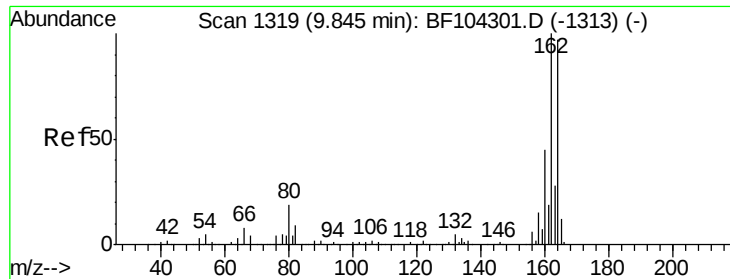
Tot Ion:107 Resp: 179431
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.5 30.7
 142 79.7 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 73.003 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: BF104743.D
 Acq: 24 Apr 2018 8:16

Tgt Ion:142 Resp: 832083
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.8 106.2
 115 35.7 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Instrument :

BNA_F

ClientSampled :

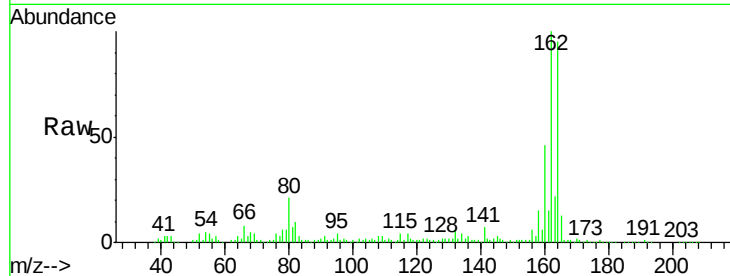
Tot Ion:164 Resp: 157553

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

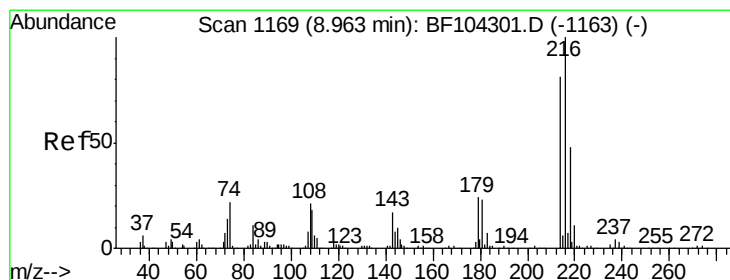
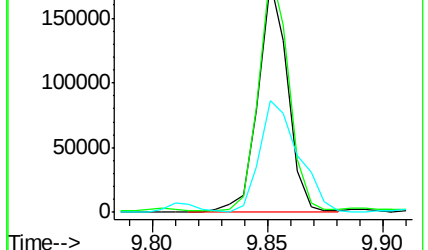
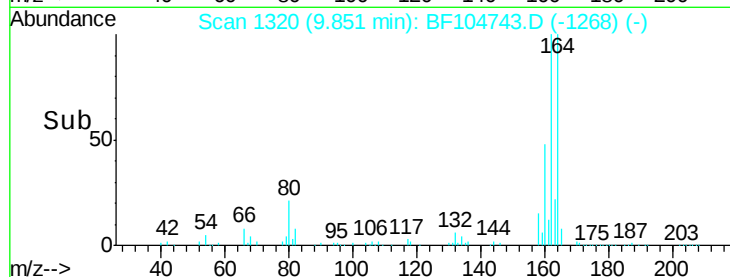
160 48.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.500 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Tgt Ion:216 Resp: 164617

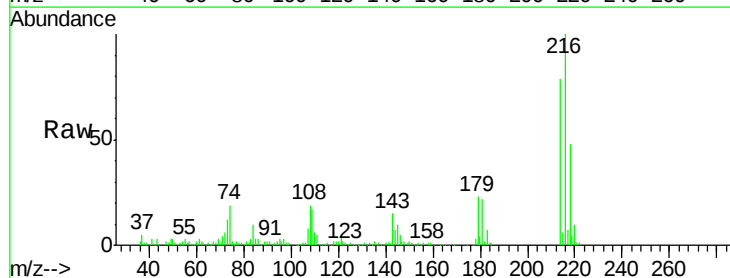
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 22.9 18.1 27.1

108 18.9 17.2 25.8

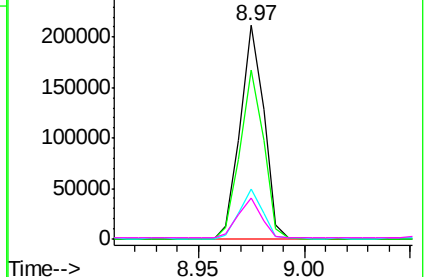
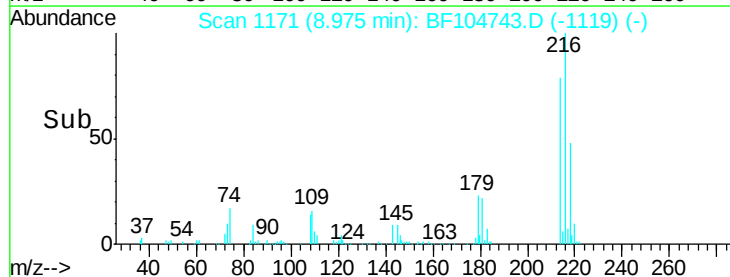


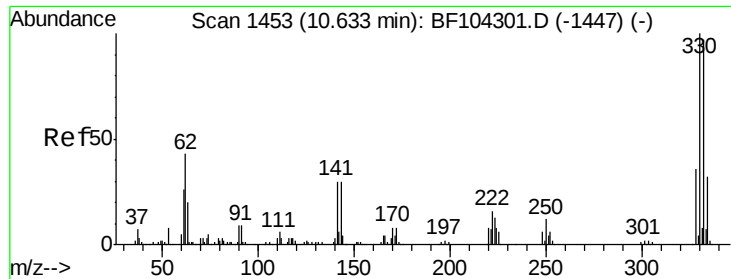
Abundance Ion 216.00 (215.70 to 216.70): E

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

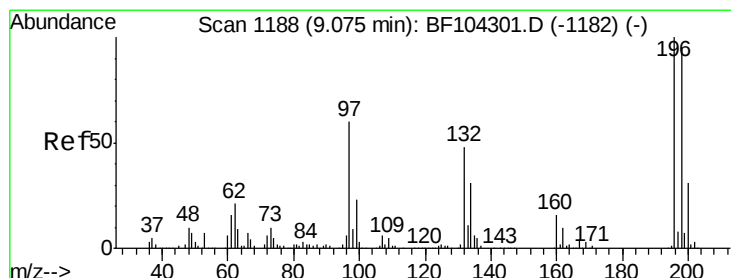
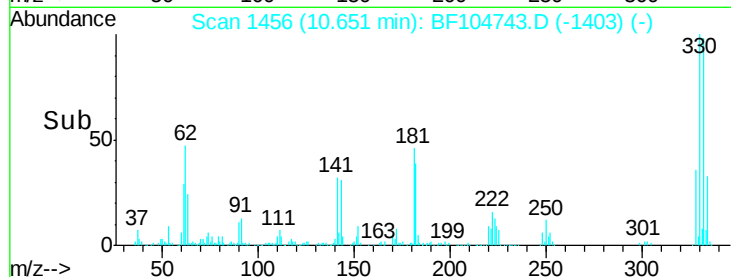
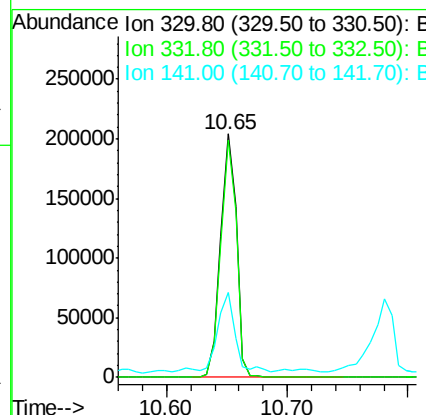
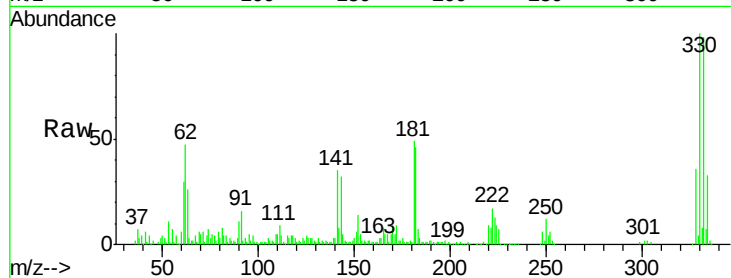




#41
 2,4,6-Tribromophenol
 Concen: 112.969 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF104743.D
 Acq: 24 Apr 2018 8:16

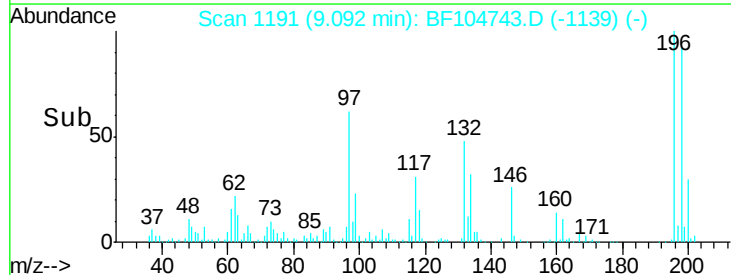
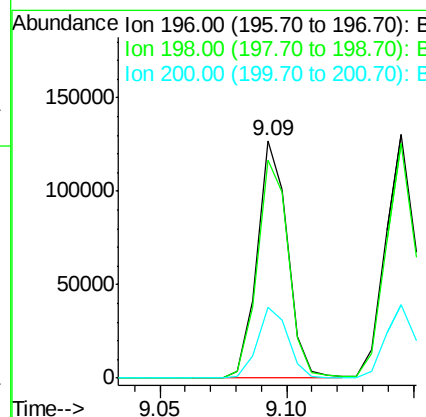
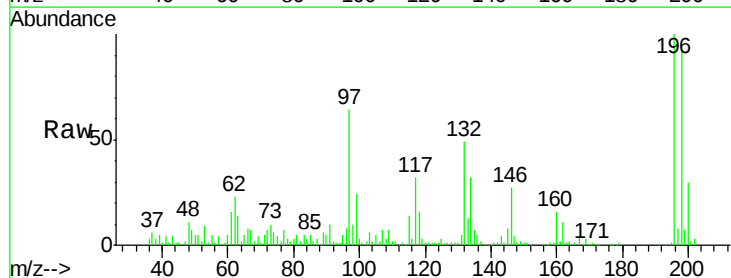
Instrument :
 BNA_F
 ClientSampled :

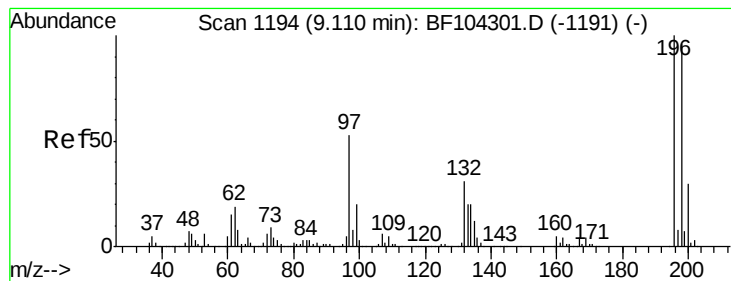
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	34.0	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 33.953 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104743.D
 Acq: 24 Apr 2018 8:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.6	75.7	113.5
200	29.6	24.5	36.7





#43

2,4,5-Trichlorophenol

Concen: 32.144 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.02 min

Lab File: BF104743.D

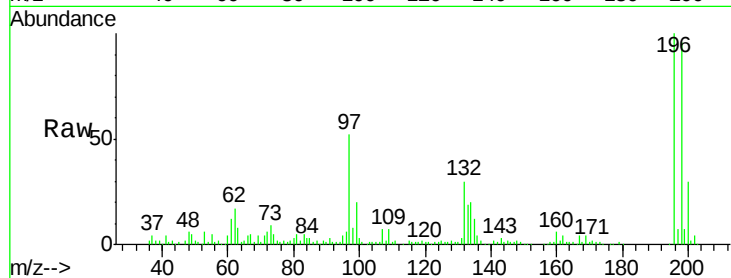
Acq: 24 Apr 2018 8:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:196	Resp:	112617
Ion Ratio	Lower	Upper
196	100	
198	96.4	74.6 112.0
97	51.9	42.9 64.3
132	30.2	26.3 39.5

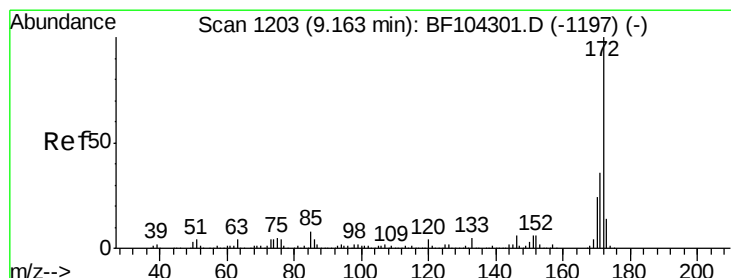
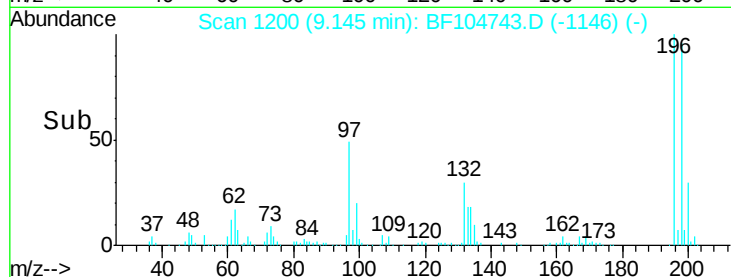
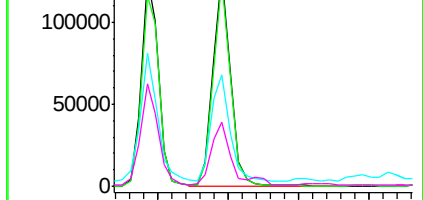


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 93.047 ng

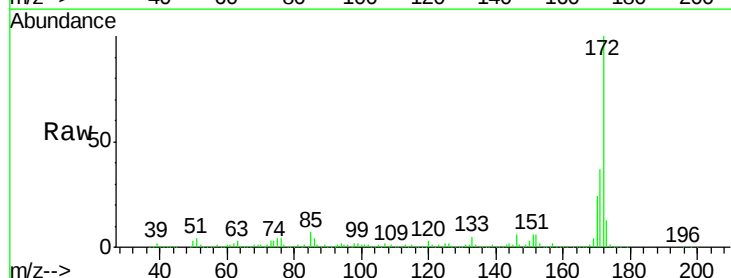
RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

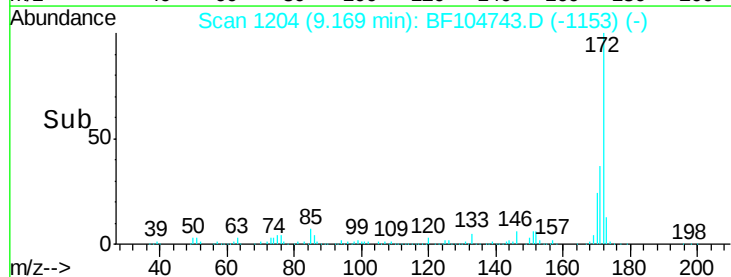
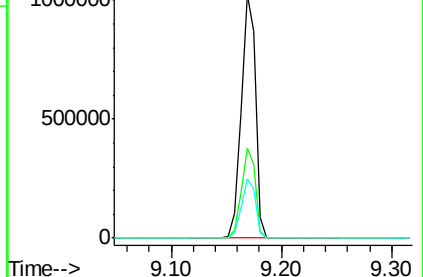
Tgt Ion:172	Resp:	927980
Ion Ratio	Lower	Upper
172	100	
171	36.8	29.7 44.5
170	24.2	19.6 29.4

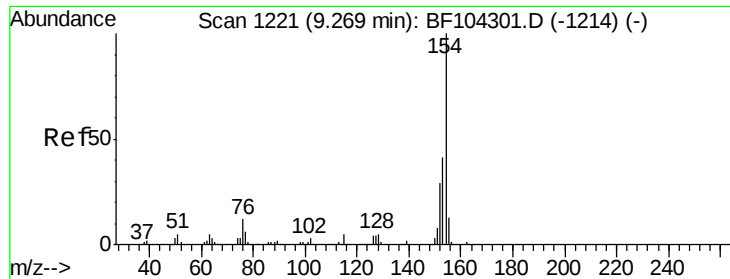


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 61.983 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Instrument :

BNA_F

ClientSampleId :

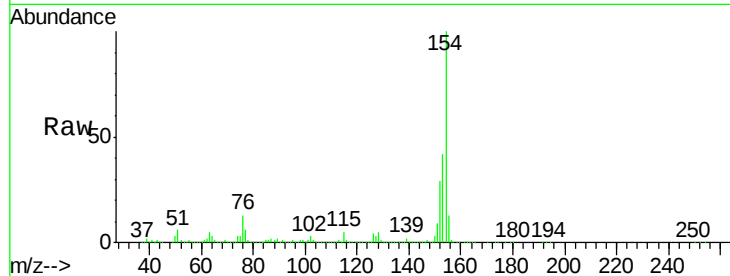
Tot Ion:154 Resp: 820380

Ion Ratio Lower Upper

154 100

153 41.6 21.3 61.3

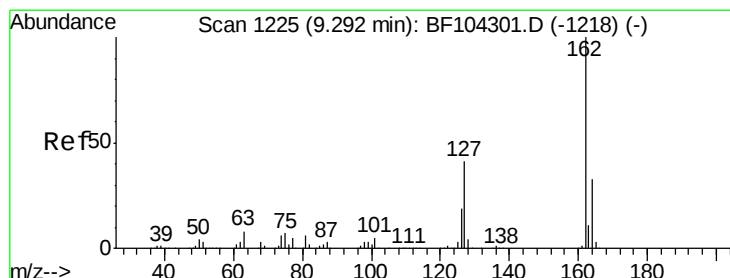
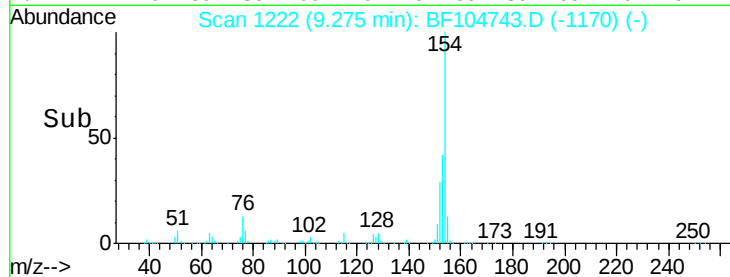
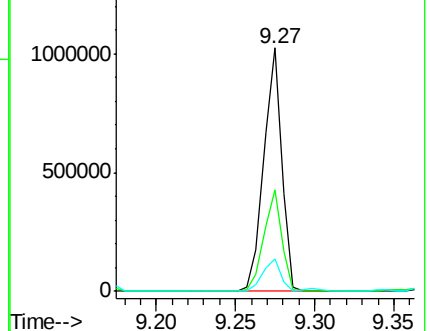
76 13.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 33.490 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

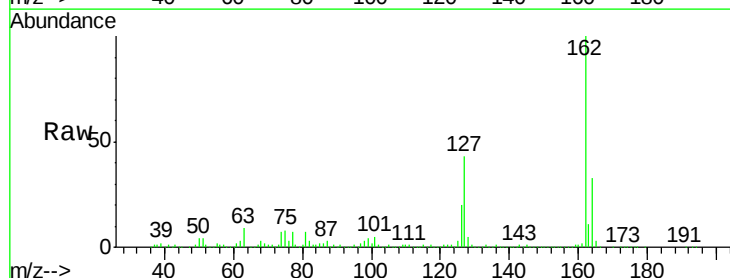
Tgt Ion:162 Resp: 350121

Ion Ratio Lower Upper

162 100

127 42.9 33.9 50.9

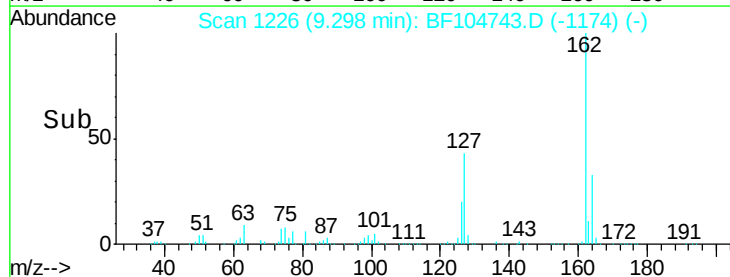
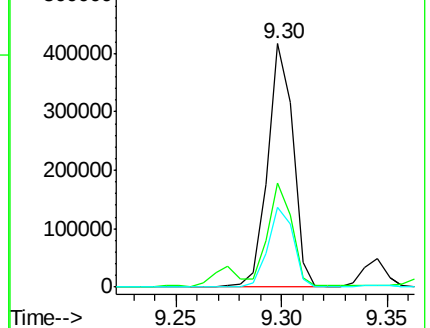
164 32.8 26.5 39.7

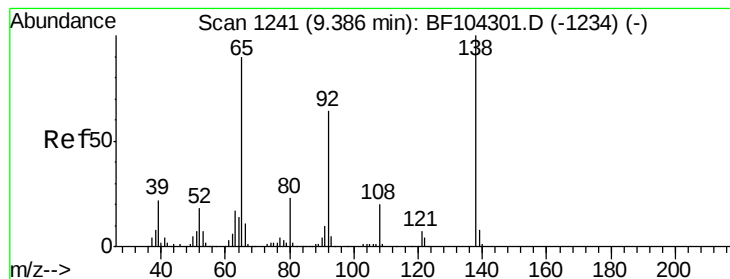


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.612 ng

RT: 9.40 min Scan# 1244

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Instrument :

BNA_F

ClientSampleId :

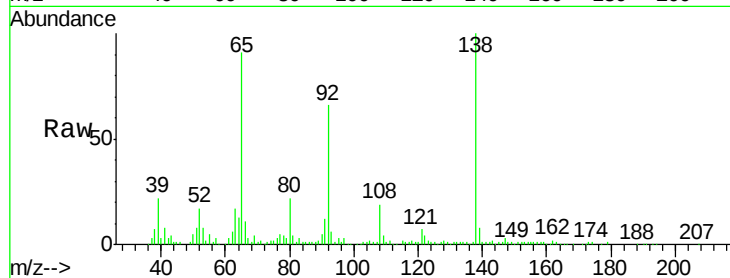
Tot Ion: 65 Resp: 130851

Ion Ratio Lower Upper

65 100

92 72.5 55.8 83.6

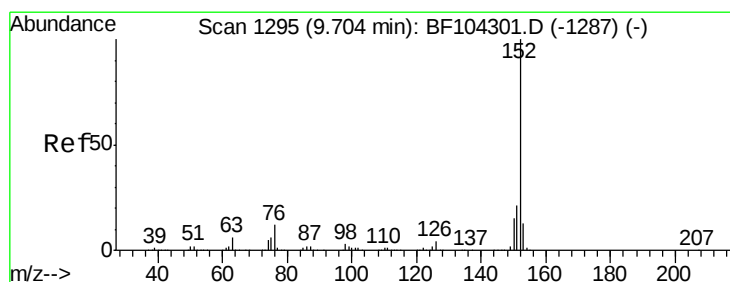
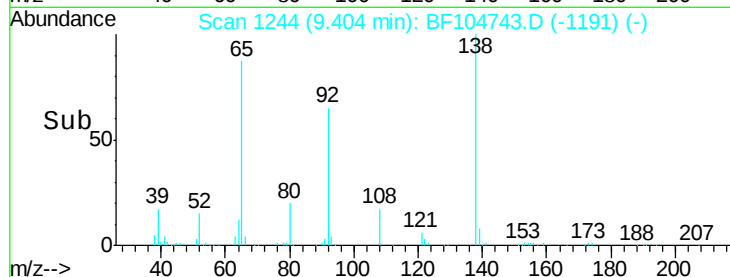
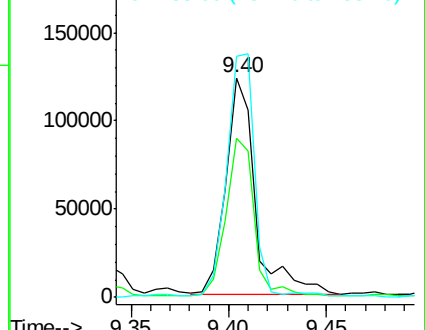
138 109.7 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 91.768 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

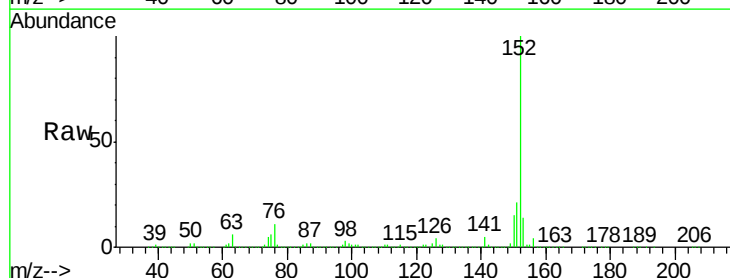
Tgt Ion: 152 Resp: 1505240

Ion Ratio Lower Upper

152 100

151 21.3 16.3 24.5

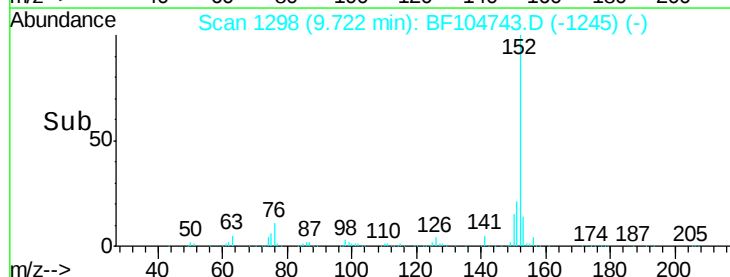
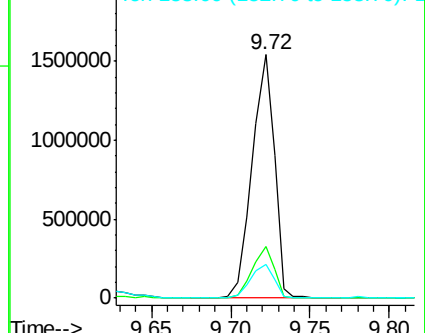
153 14.1 10.7 16.1

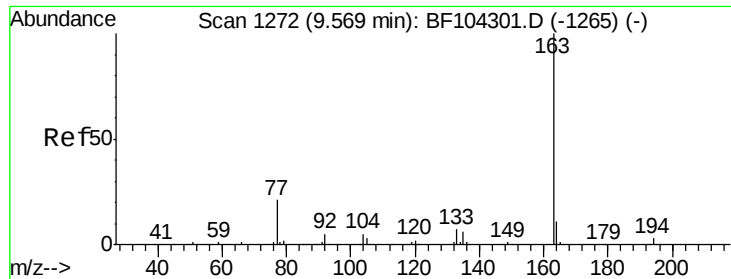


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

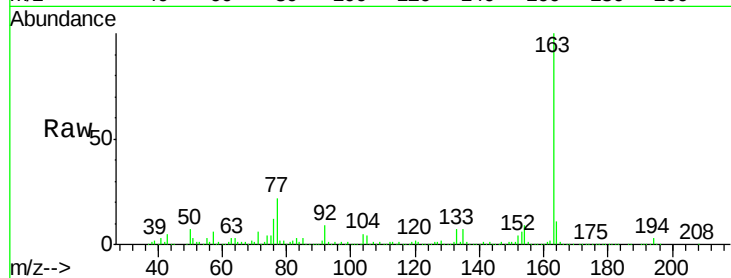




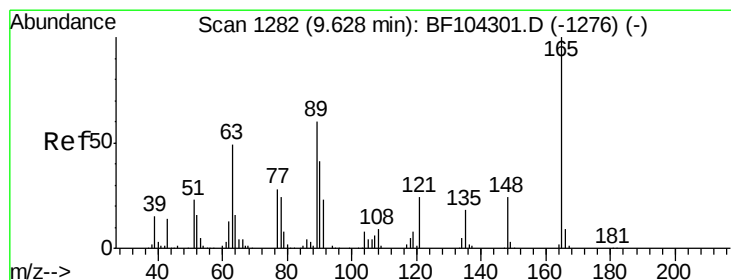
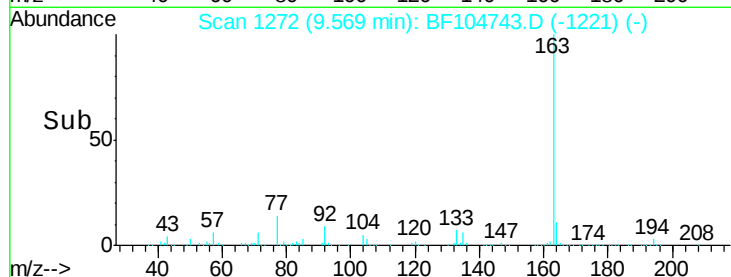
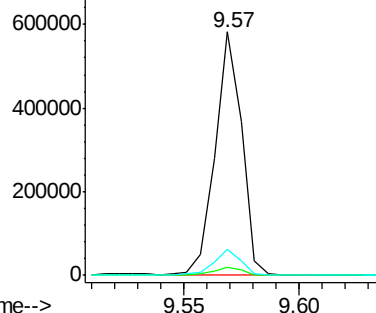
#49
Dimethylphthalate
Concen: 37.469 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 465526
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.7 8.2 12.2

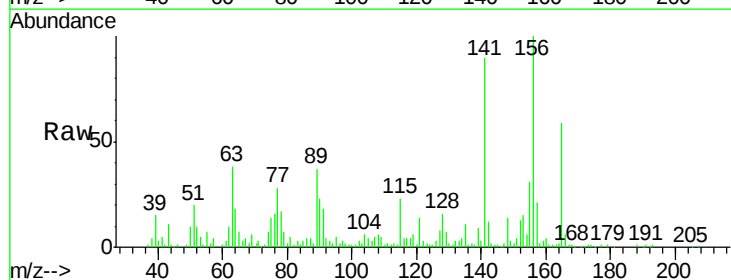


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

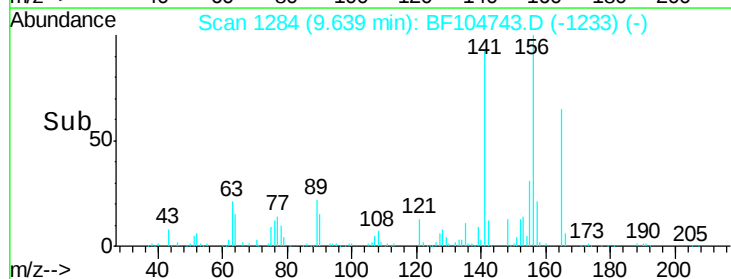
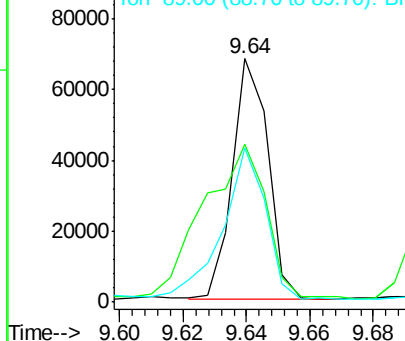


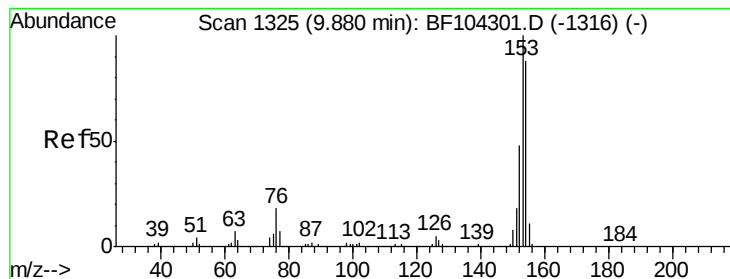
#50
2,6-Dinitrotoluene
Concen: 22.862 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion:165 Resp: 52560
Ion Ratio Lower Upper
165 100
63 65.0 44.7 67.1
89 63.2 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: 75.582 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Instrument :

BNA_F

ClientSampleId :

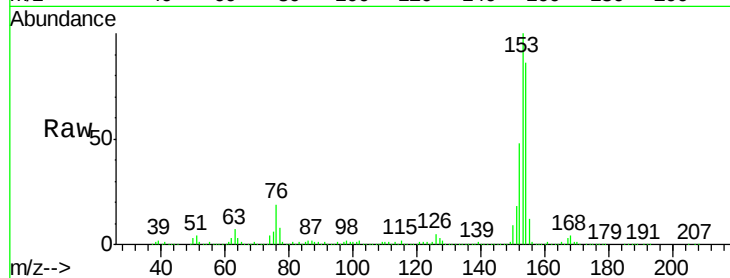
Tot Ion:154 Resp: 756413

Ion Ratio Lower Upper

154 100

153 116.2 91.2 136.8

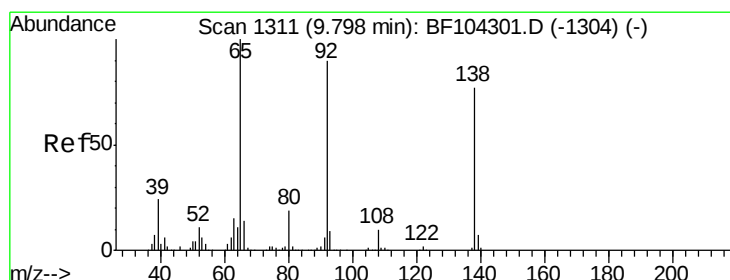
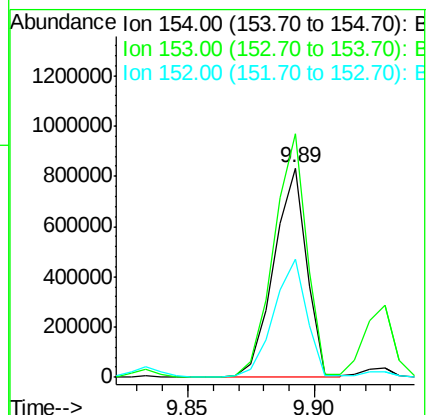
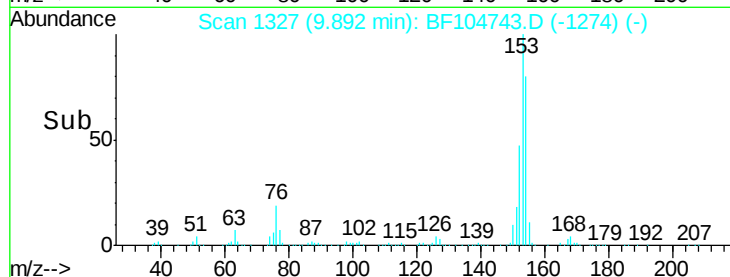
152 56.3 43.8 65.8



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: 28.984 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

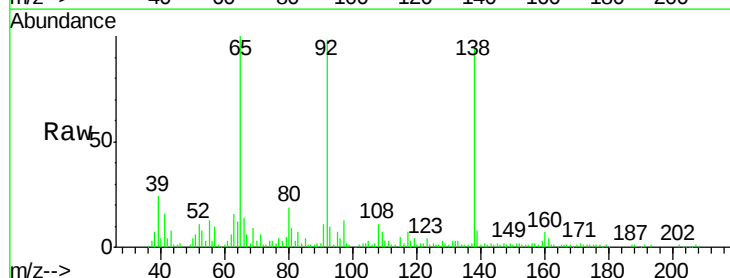
Tgt Ion:138 Resp: 78007

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

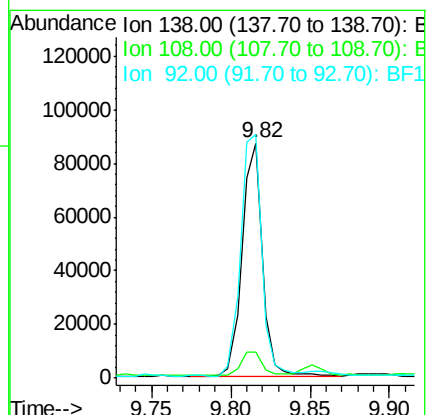
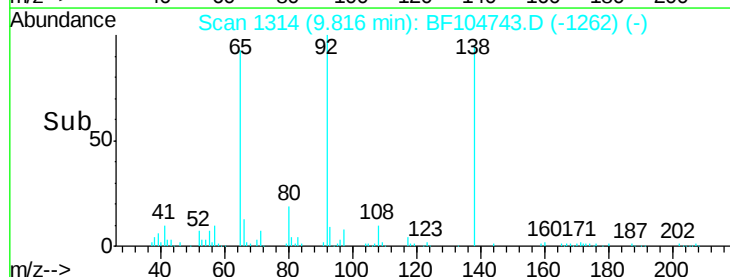
92 103.7 89.4 134.2

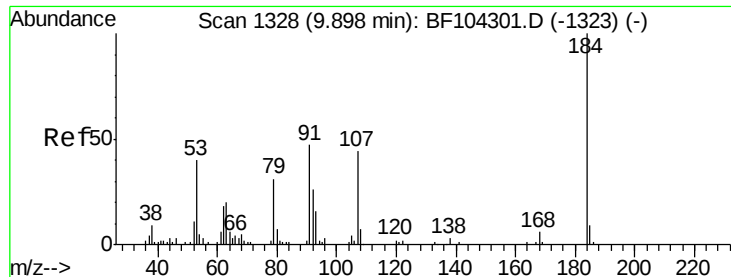


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

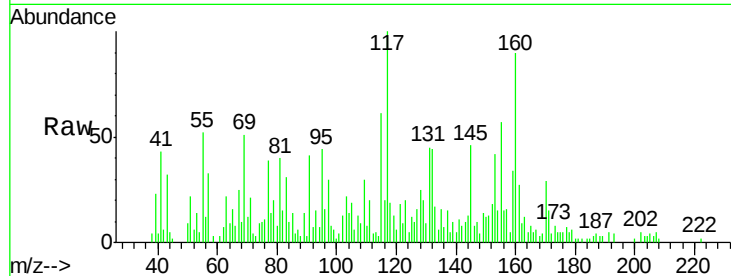




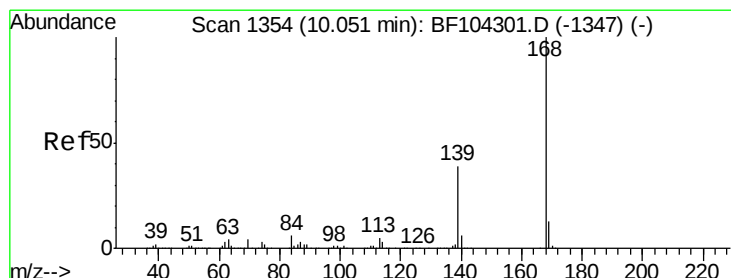
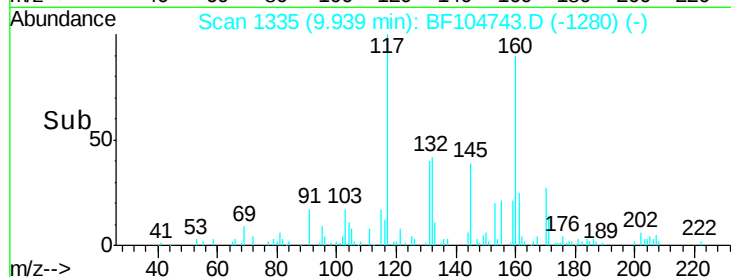
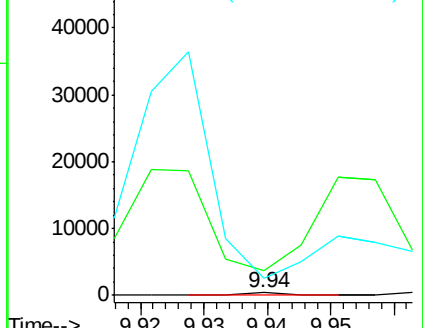
#53
2,4-Dinitrophenol
Concen: 5.348 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.02 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 140
Ion Ratio Lower Upper
184 100
63 913.4 54.2 81.2#
154 632.1 184.0 276.0#

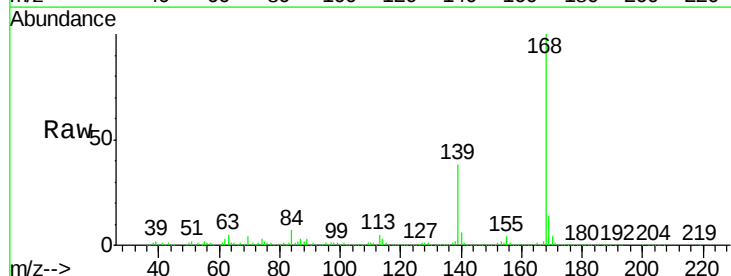


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

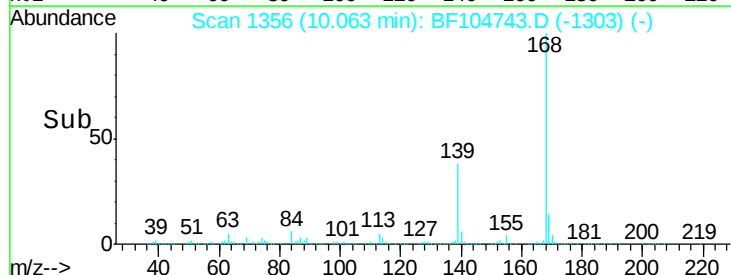
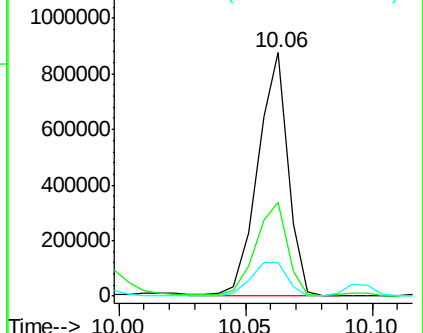


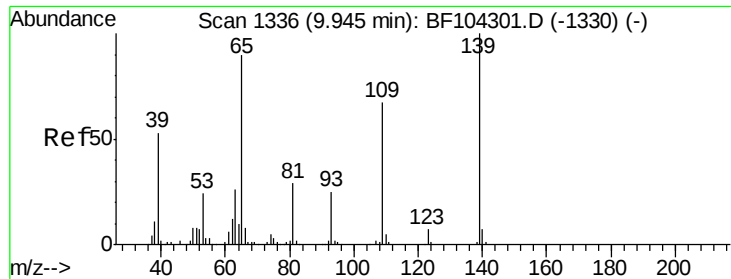
#54
Dibenzofuran
Concen: 52.107 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion:168 Resp: 726726
Ion Ratio Lower Upper
168 100
139 38.4 30.1 45.1
169 13.9 10.9 16.3



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

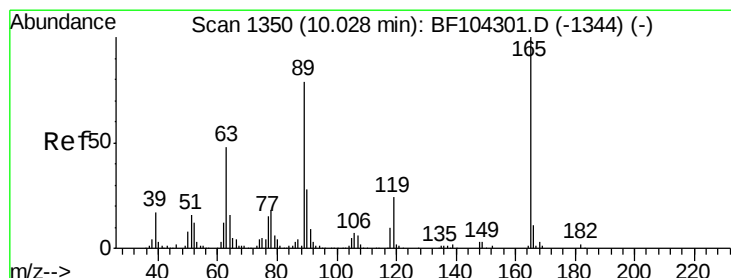
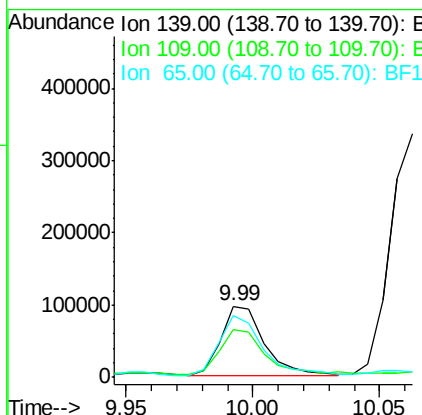
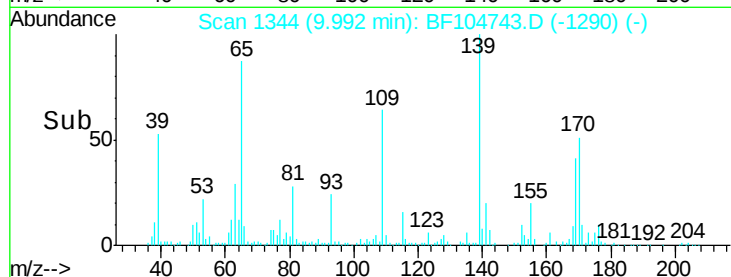
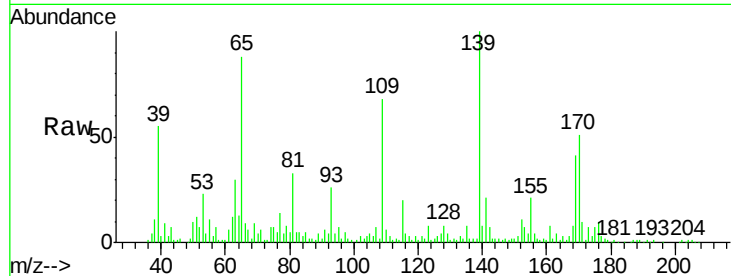




#55
4-Nitrophenol
Concen: 54.397 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

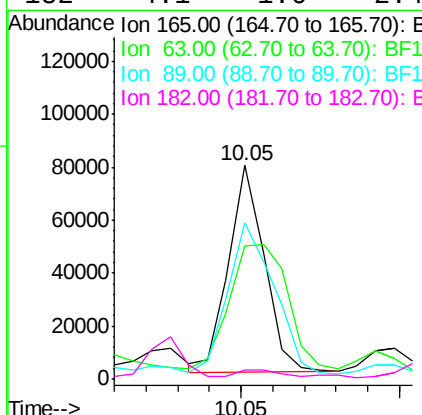
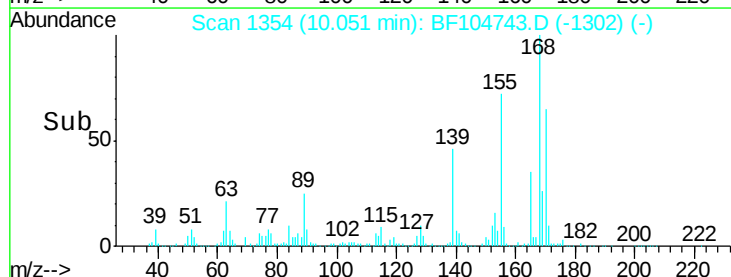
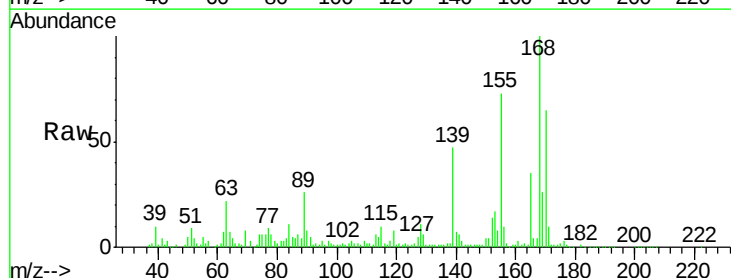
Instrument :
BNA_F
ClientSampleId :

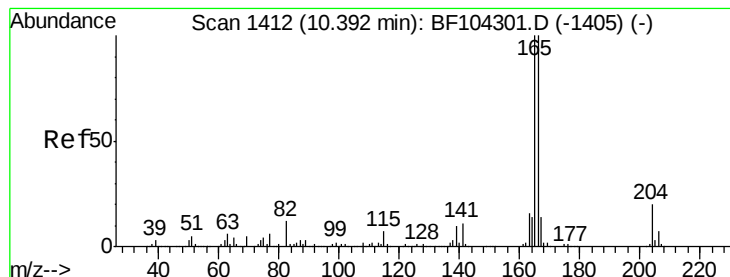
Tot Ion:139 Resp: 115006
Ion Ratio Lower Upper
139 100
109 68.1 48.4 88.4
65 88.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 20.265 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion:165 Resp: 61110
Ion Ratio Lower Upper
165 100
63 62.1 36.4 54.6#
89 73.3 57.8 86.6
182 4.1 1.6 2.4#





#57

Fluorene

Concen: 114.832 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Instrument :

BNA_F

ClientSampleId :

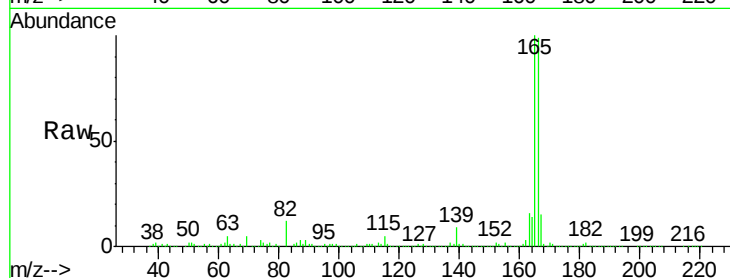
Tot Ion:166 Resp: 1165725

Ion Ratio Lower Upper

166 100

165 100.9 79.8 119.8

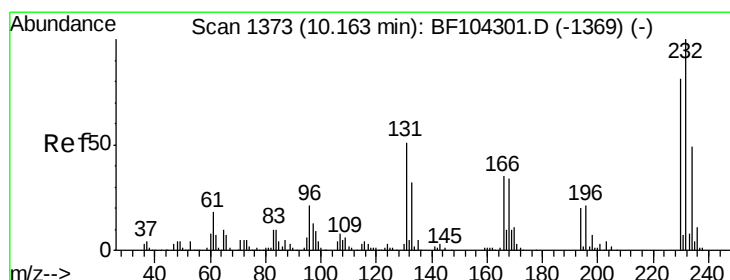
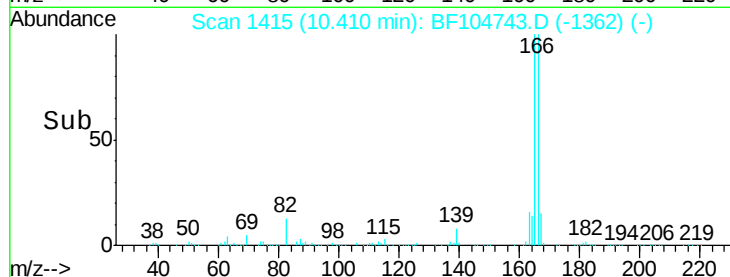
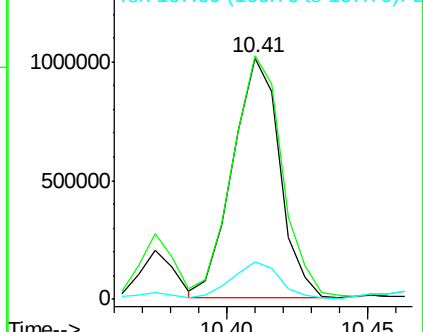
167 15.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.684 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Tgt Ion:232 Resp: 80202

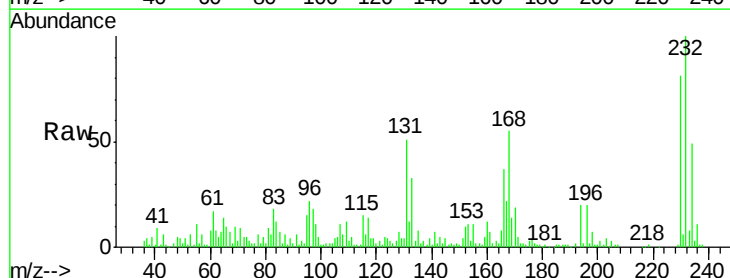
Ion Ratio Lower Upper

232 100

131 50.3 43.8 65.8

130 5.9 2.1 3.1#

166 0.0 27.8 41.6#

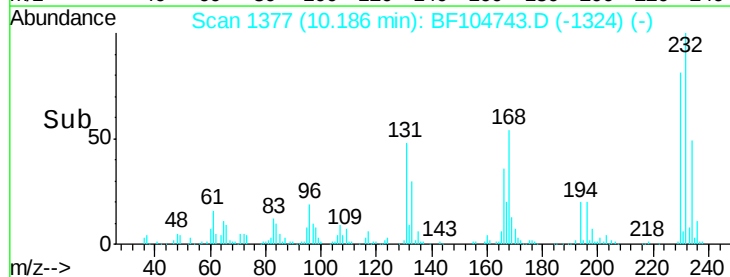
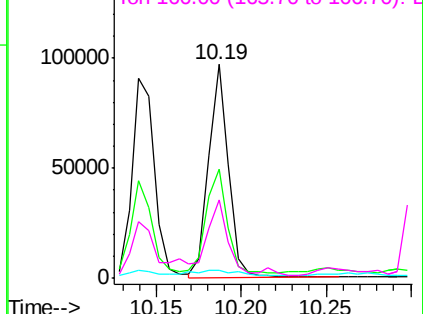


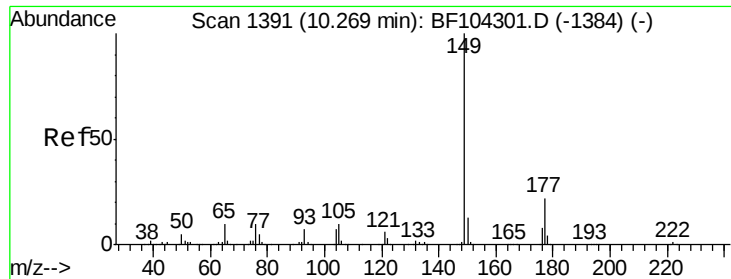
Abundance Ion 232.00 (231.70 to 232.70): E

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

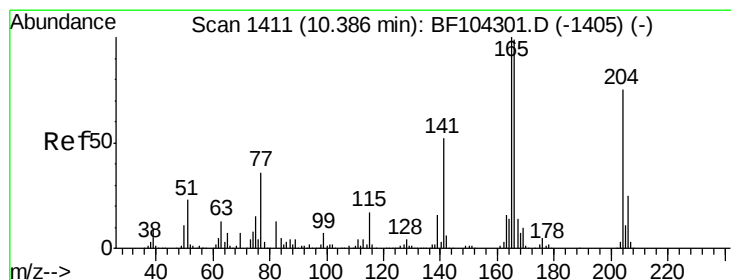
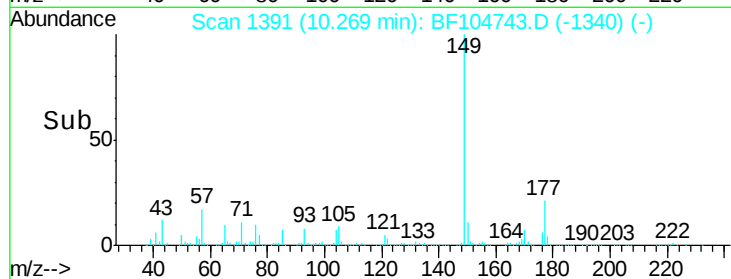
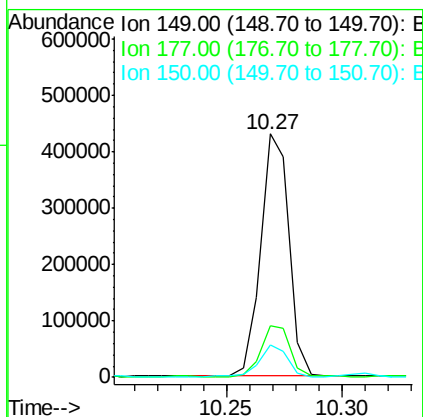
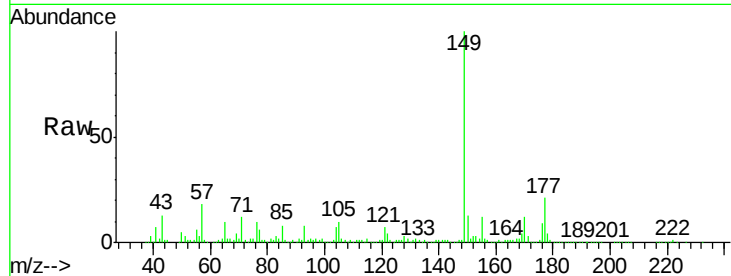




#59
Diethylphthalate
Concen: 29.598 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

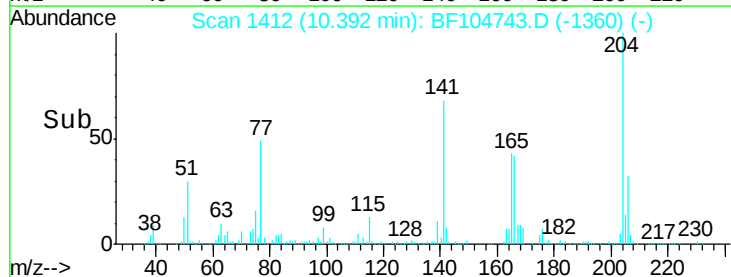
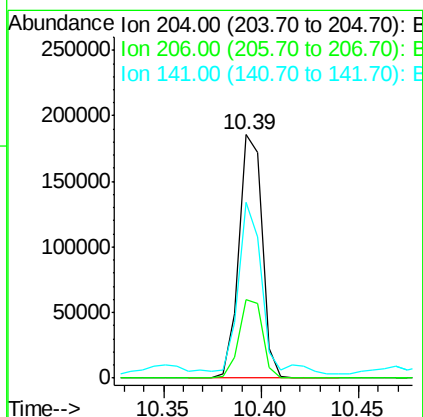
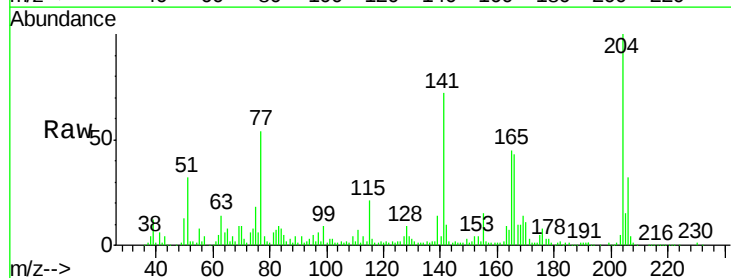
Instrument :
BNA_F
ClientSampled :

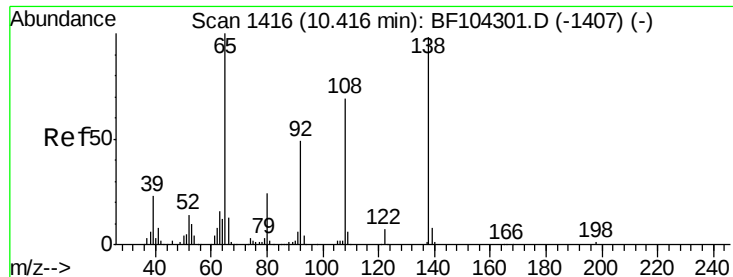
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.1	24.1
150	13.1	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 33.728 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.5	39.7
141	72.4	54.6	81.8

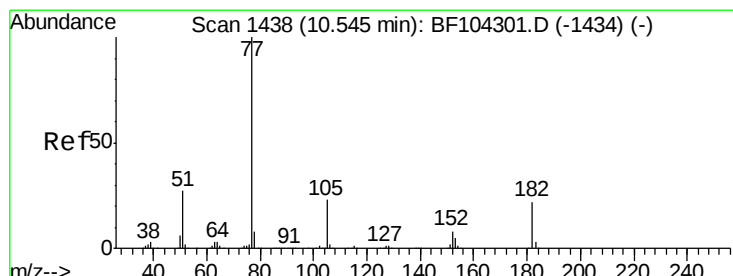
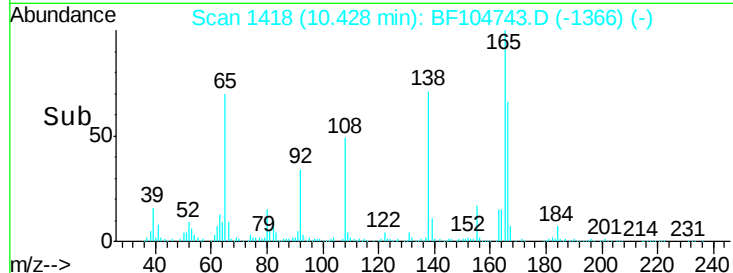
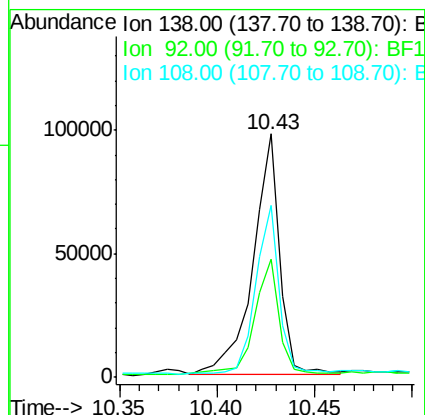
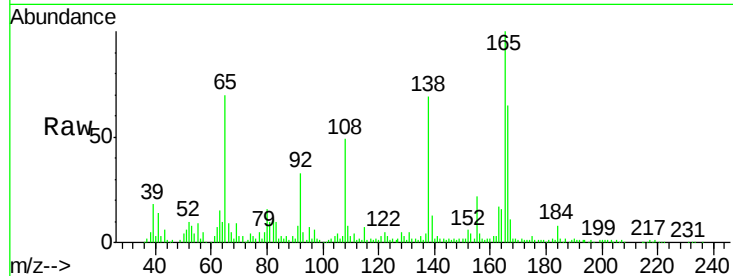




#61
4-Nitroaniline
Concen: 34.755 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

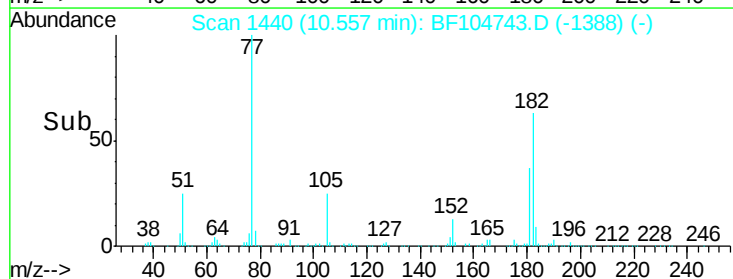
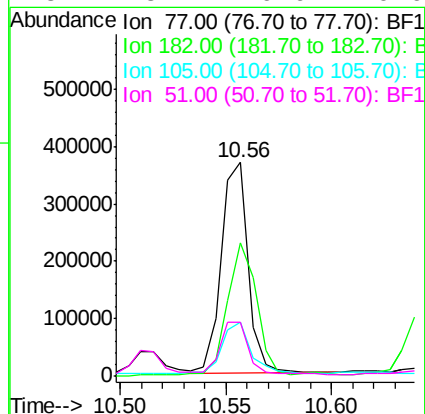
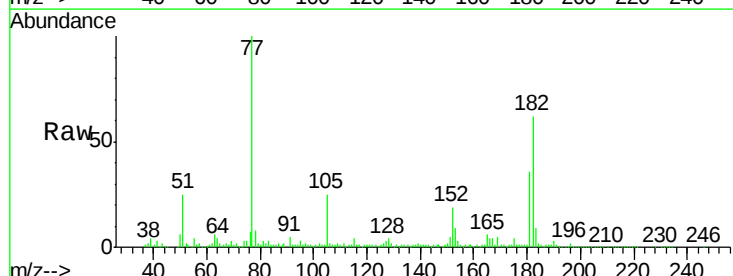
Instrument :
BNA_F
ClientSampleId :

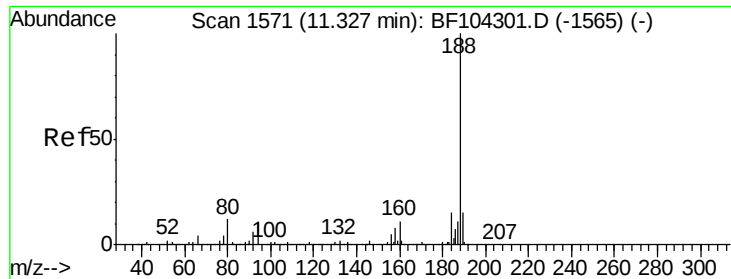
Tot Ion:138 Resp: 91460
Ion Ratio Lower Upper
138 100
92 48.4 30.2 70.2
108 70.4 52.5 92.5



#62
Azobenzene
Concen: 27.199 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion: 77 Resp: 321534
Ion Ratio Lower Upper
77 100
182 62.1 1.7 41.7#
105 24.9 3.0 43.0
51 25.4 9.9 49.9

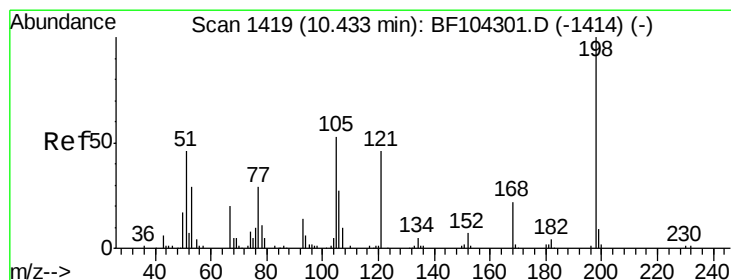
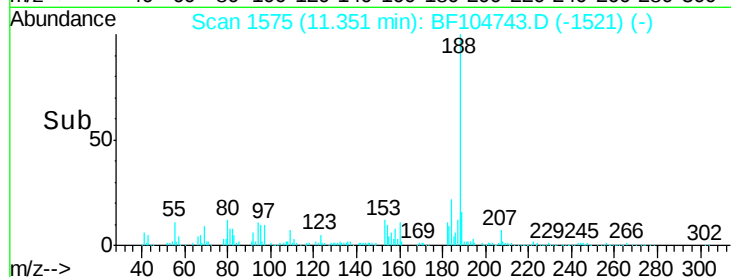
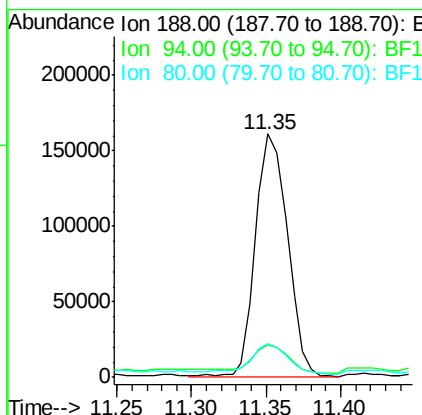
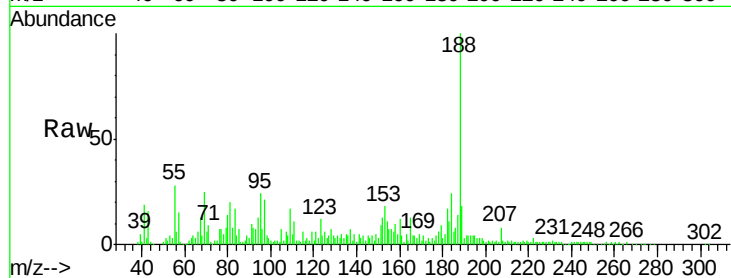




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.02 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

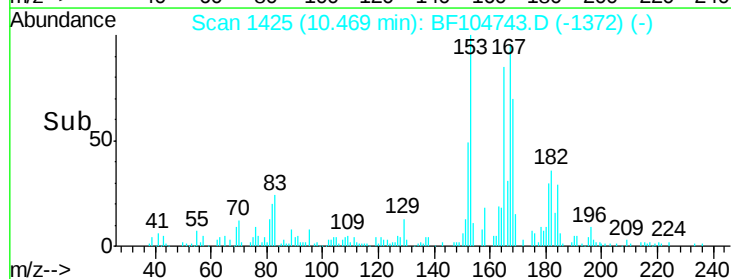
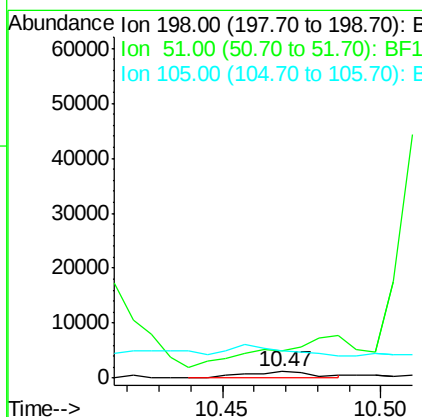
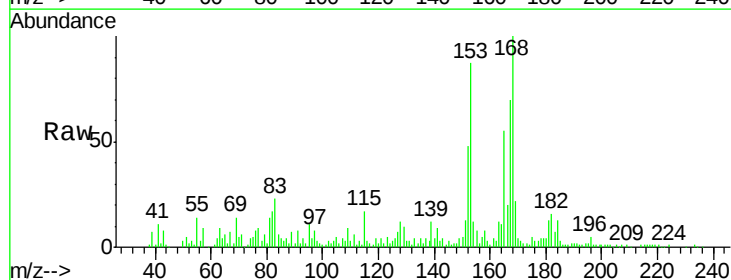
Instrument :
BNA_F
ClientSampled :

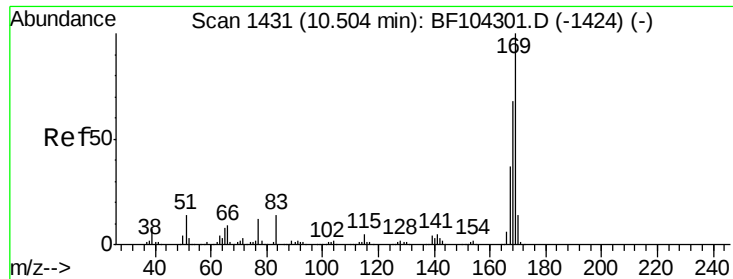
Tot Ion:188 Resp: 238572
Ion Ratio Lower Upper
188 100
94 13.2 8.5 12.7#
80 13.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.639 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion:198 Resp: 1773
Ion Ratio Lower Upper
198 100
51 418.2 37.7 77.7#
105 408.9 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 40.073 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Instrument :

BNA_F

ClientSampled :

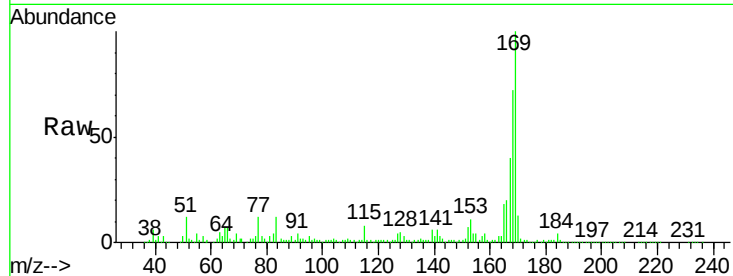
Tot Ion:169 Resp: 331481

Ion Ratio Lower Upper

169 100

168 71.6 54.4 81.6

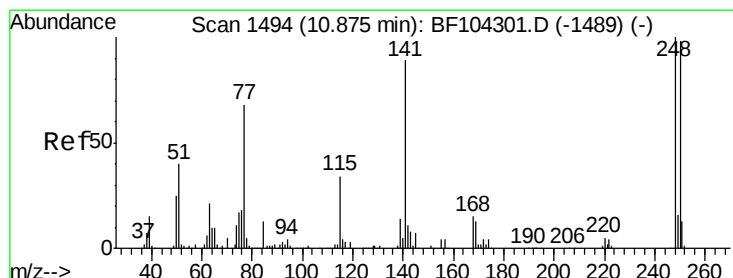
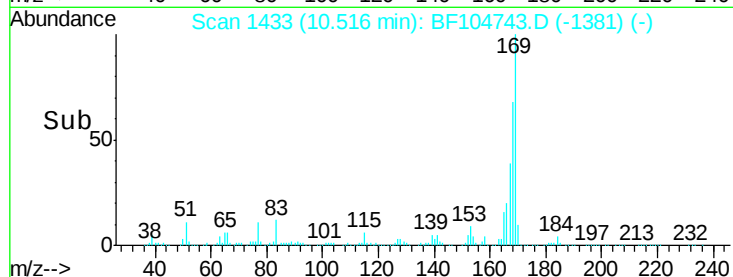
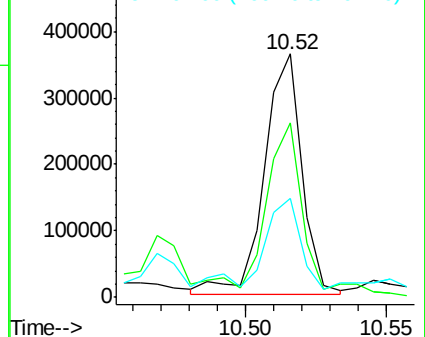
167 40.4 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.947 ng

RT: 10.89 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

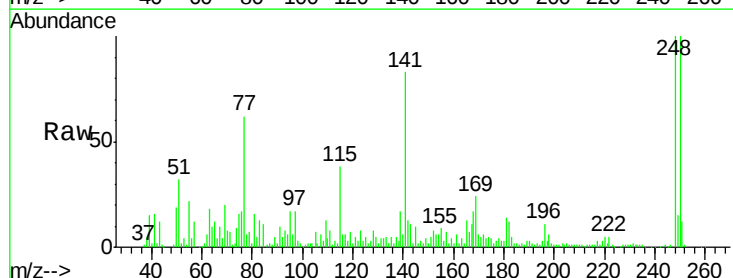
Tgt Ion:248 Resp: 91221

Ion Ratio Lower Upper

248 100

250 100.2 76.9 115.3

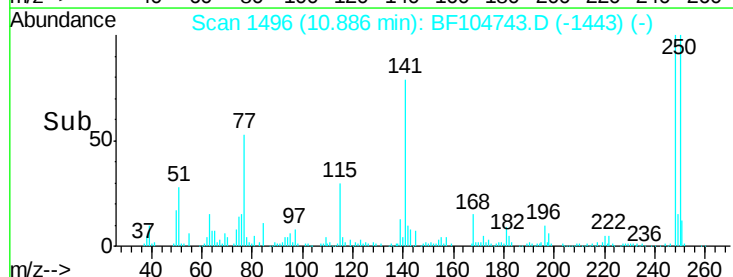
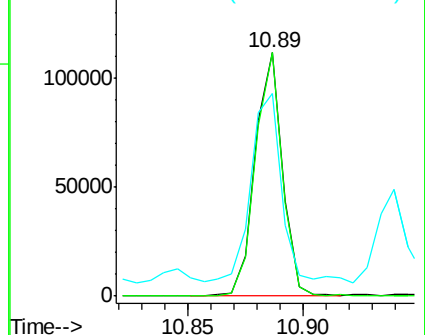
141 83.3 74.4 111.6

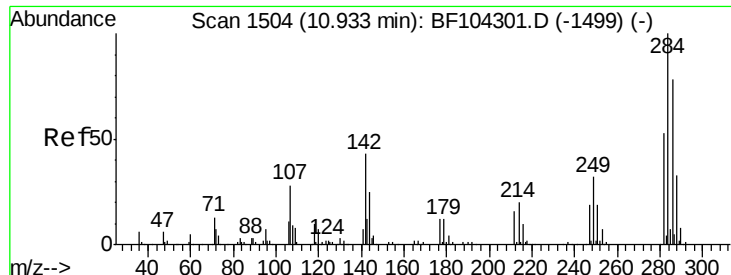


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

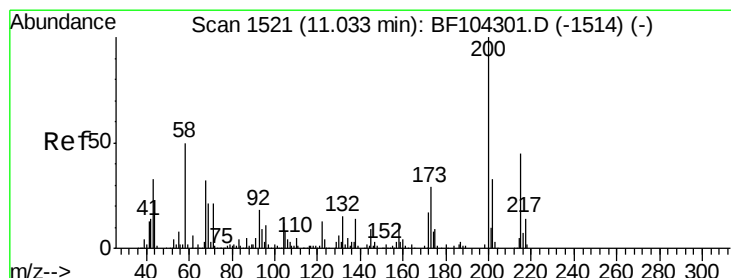
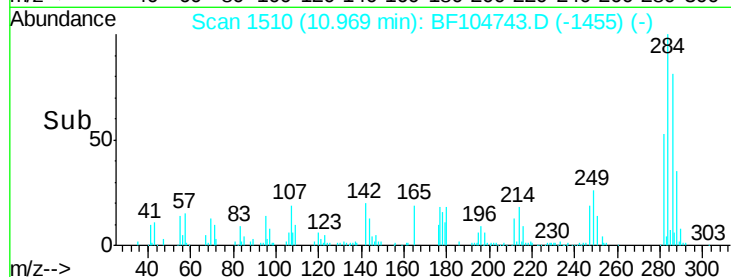
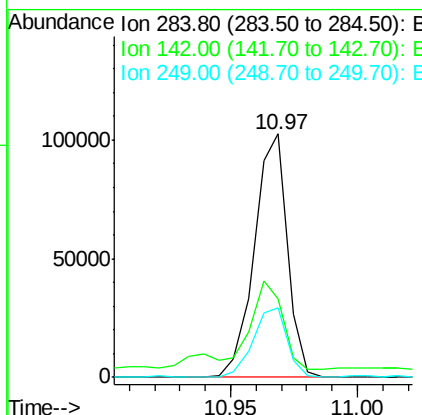
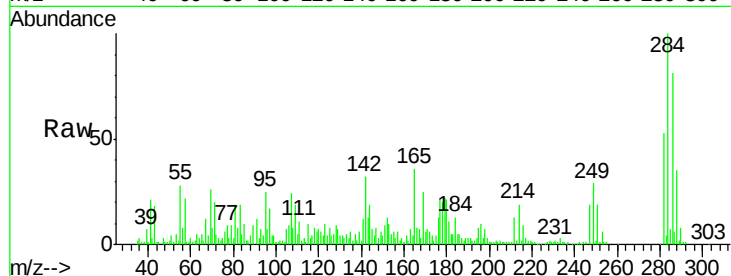




#67
Hexachlorobenzene
Concen: 32.573 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.02 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

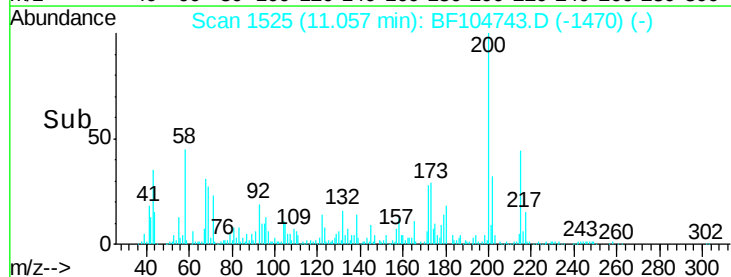
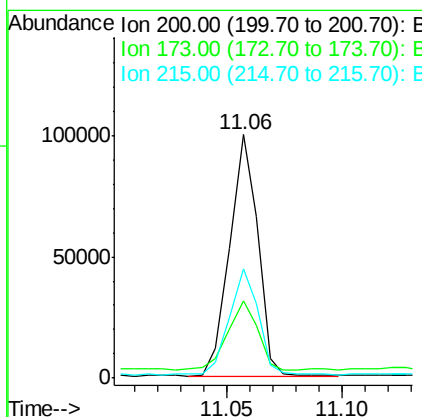
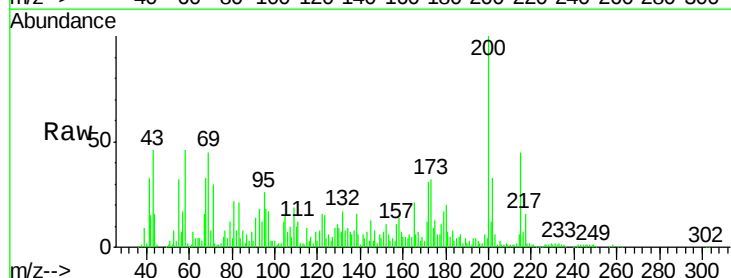
Instrument :
BNA_F
ClientSampleId :

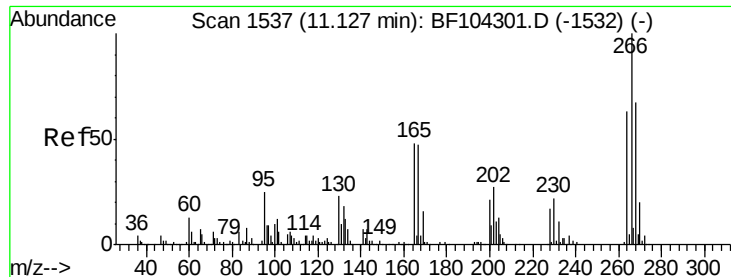
Tot Ion:284 Resp: 93008
Ion Ratio Lower Upper
284 100
142 32.1 34.6 52.0#
249 28.6 24.8 37.2



#68
Atrazine
Concen: 33.733 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.02 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion:200 Resp: 84226
Ion Ratio Lower Upper
200 100
173 31.9 8.6 48.6
215 44.9 25.1 65.1

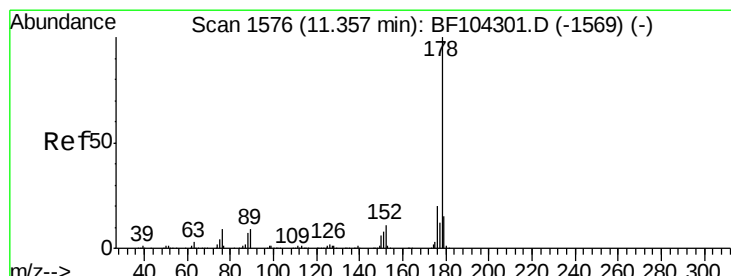
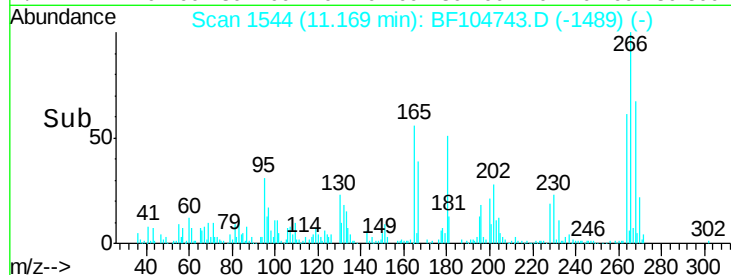
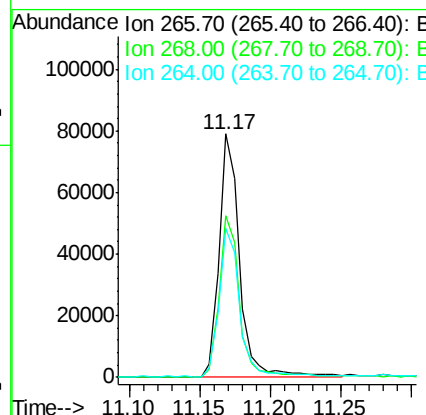
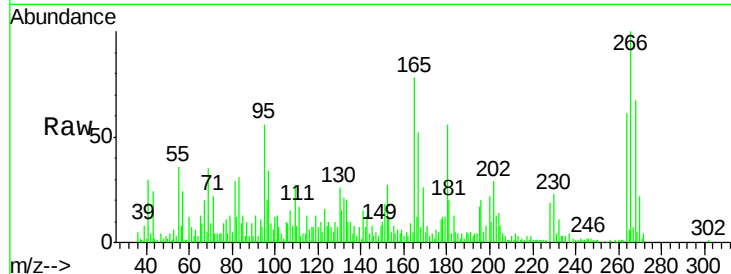




#69
 Pentachlorophenol
 Concen: 45.296 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. 0.02 min
 Lab File: BF104743.D
 Acq: 24 Apr 2018 8:16

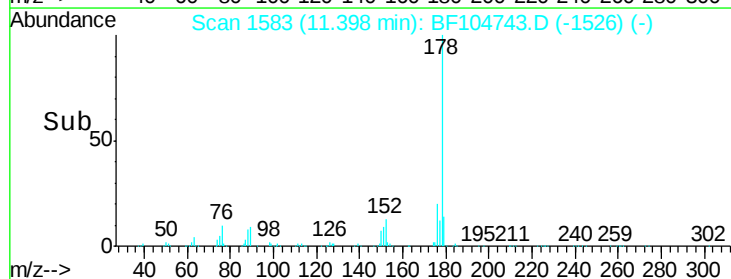
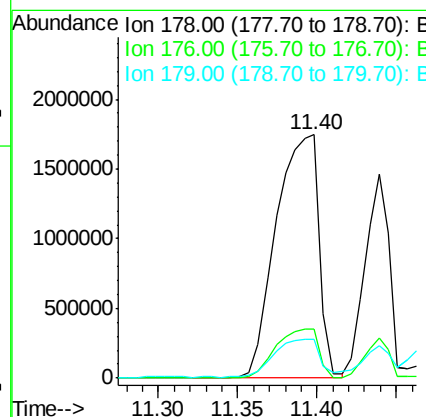
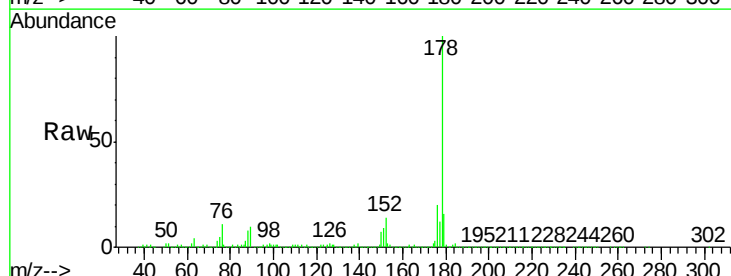
Instrument :
 BNA_F
 ClientSampleId :

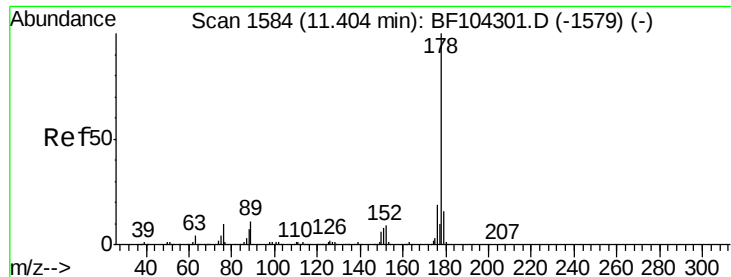
Tot Ion:266 Resp: 80015
 Ion Ratio Lower Upper
 266 100
 268 66.7 51.1 76.7
 264 61.3 49.5 74.3



#70
 Phenanthrene
 Concen: 245.129 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.04 min
 Lab File: BF104743.D
 Acq: 24 Apr 2018 8:16

Tgt Ion:178 Resp: 3256759
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 15.8 13.0 19.6

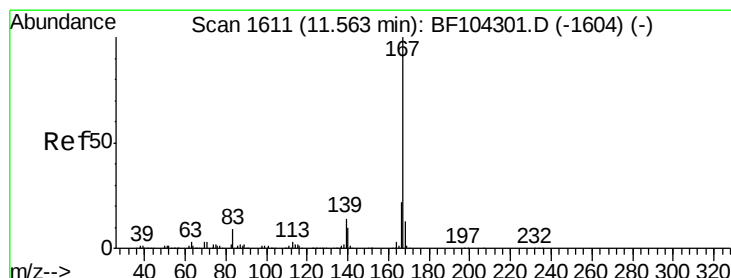
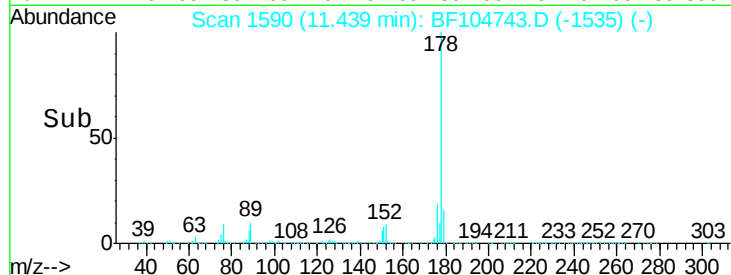
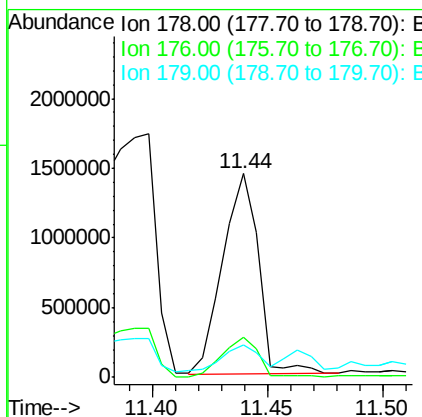
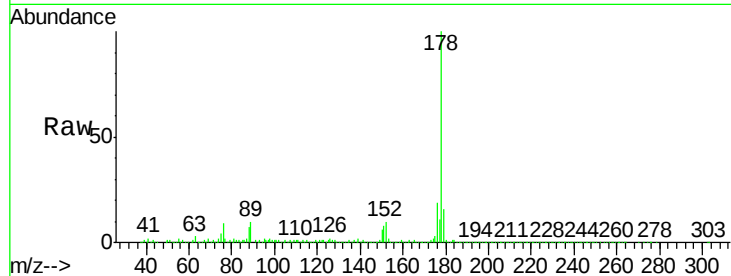




#71
 Anthracene
 Concen: 113.885 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.02 min
 Lab File: BF104743.D
 Acq: 24 Apr 2018 8:16

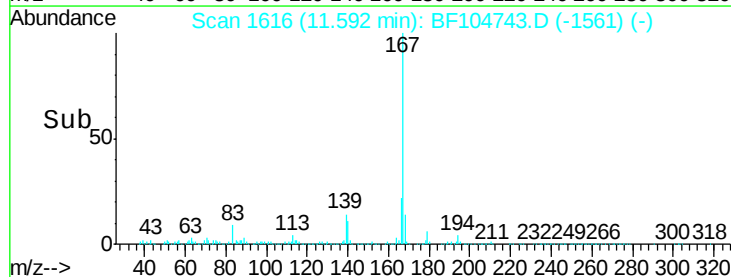
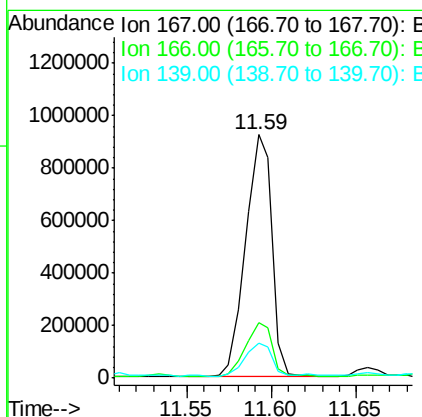
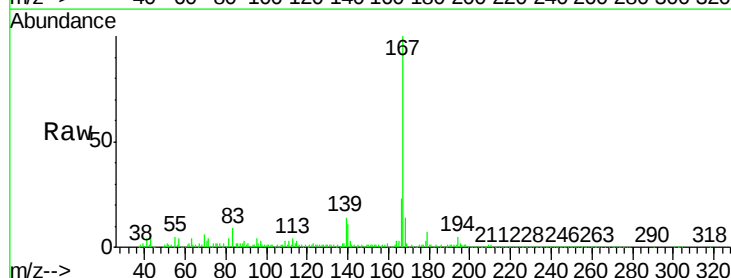
Instrument :
 BNA_F
 ClientSampleId :

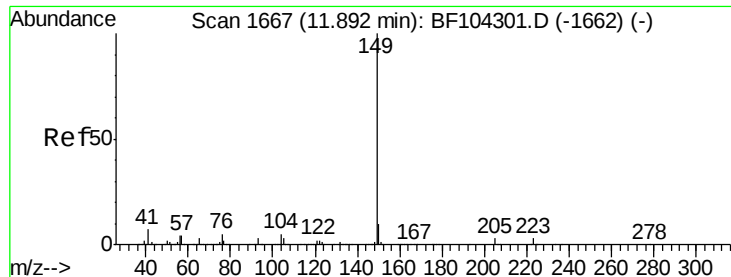
Tot Ion:178 Resp: 1538054
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 76.459 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.02 min
 Lab File: BF104743.D
 Acq: 24 Apr 2018 8:16

Tgt Ion:167 Resp: 1009027
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 14.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 31.368 ng

RT: 11.92 min Scan# 1671

Delta R.T. 0.02 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Instrument :

BNA_F

ClientSampleId :

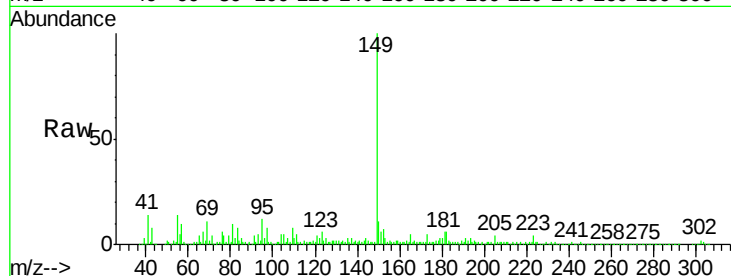
Tot Ion:149 Resp: 505681

Ion Ratio Lower Upper

149 100

150 11.1 7.8 11.6

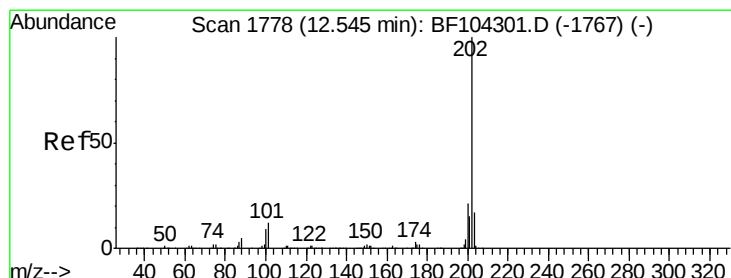
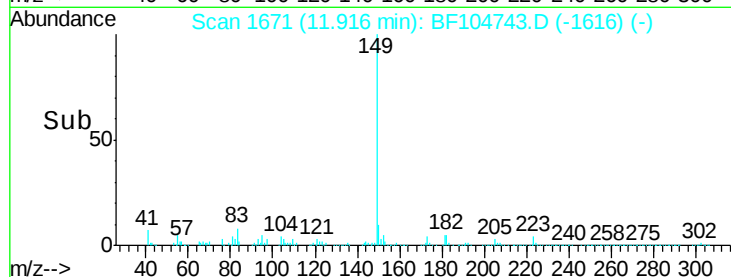
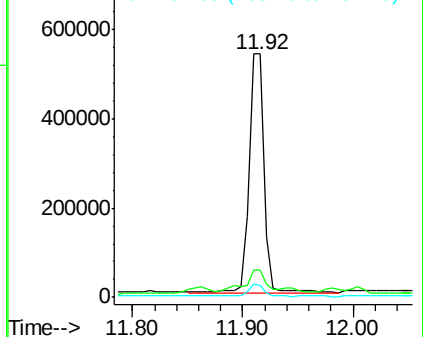
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 203.257 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.06 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

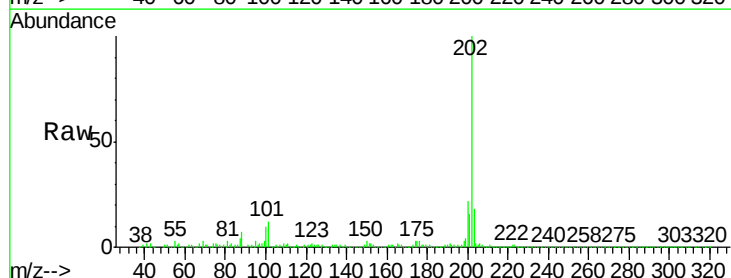
Tgt Ion:202 Resp: 2821454

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.1

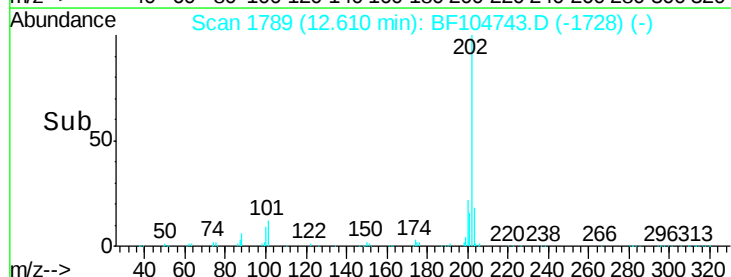
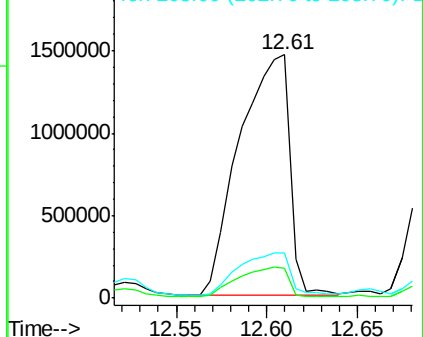
203 18.4 0.0 38.1

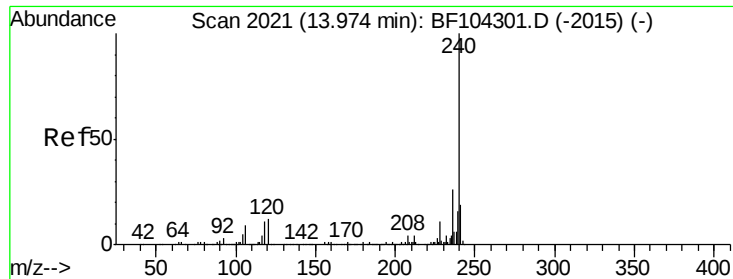


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.05 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Instrument :

BNA_F

ClientSampleId :

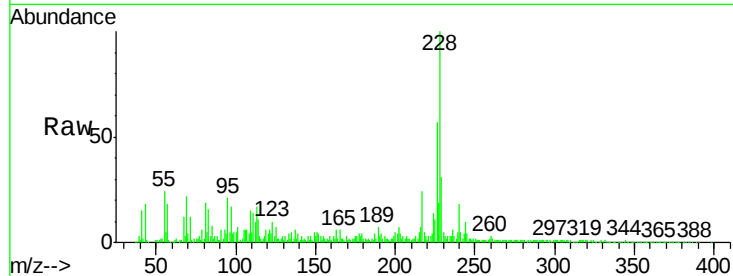
Tot Ion:240 Resp: 83866

Ion Ratio Lower Upper

240 100

120 23.6 9.5 14.3#

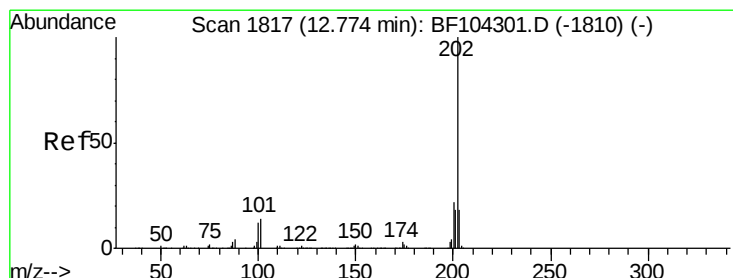
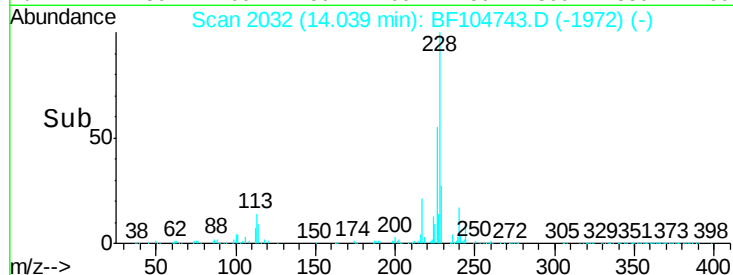
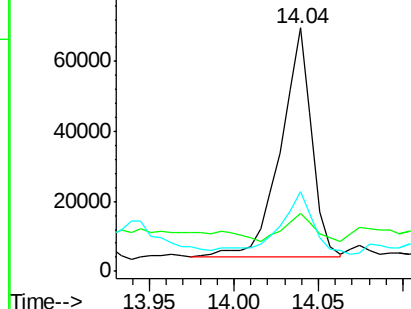
236 33.0 20.7 31.1#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 502.601 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.06 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

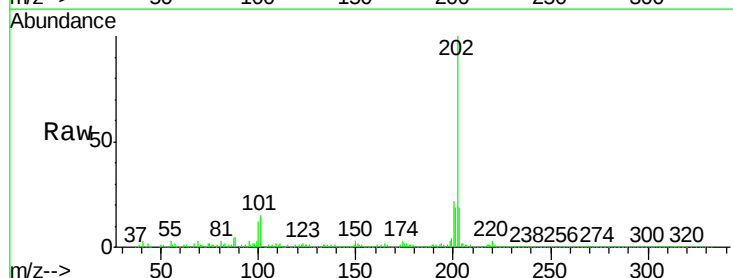
Tgt Ion:202 Resp: 3124389

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

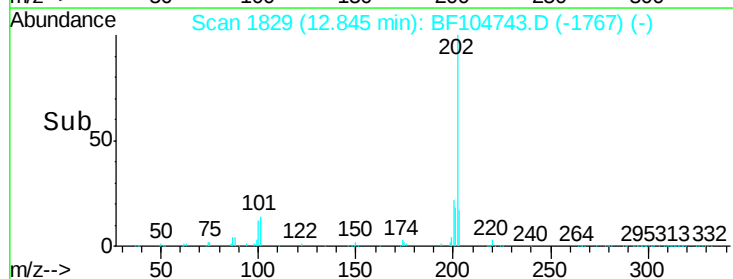
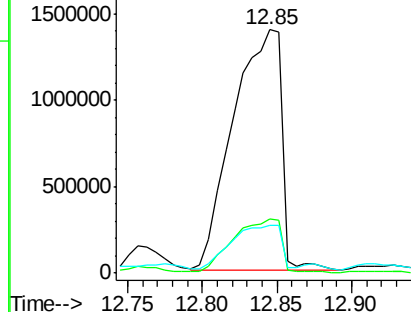
203 19.4 14.3 21.5

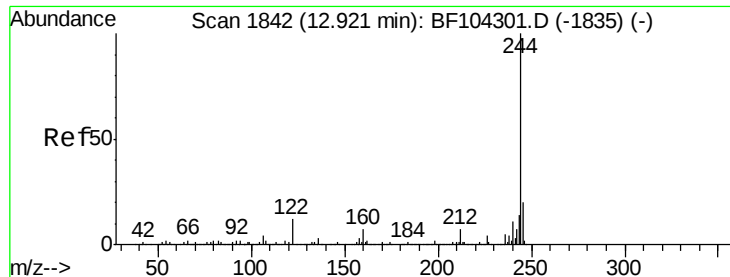


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 162.613 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.03 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Instrument :

BNA_F

ClientSampleId :

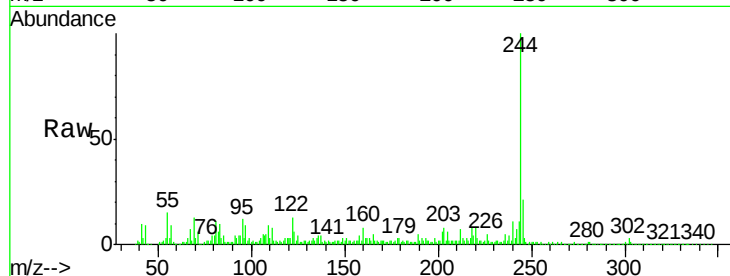
Tot Ion:244 Resp: 598191

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

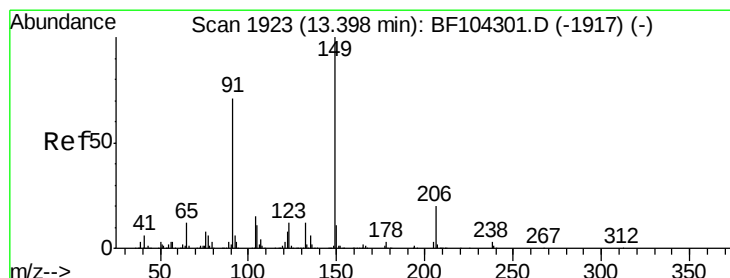
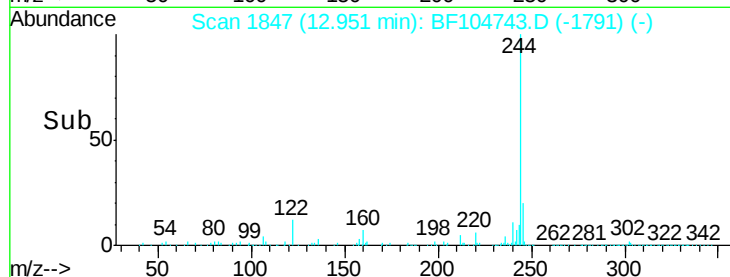
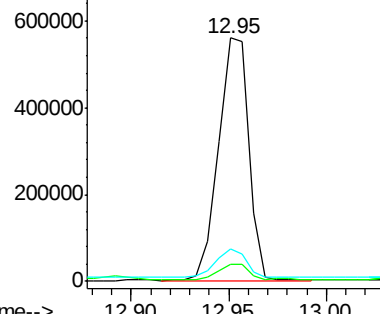
122 13.4 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 59.818 ng

RT: 13.43 min Scan# 1928

Delta R.T. 0.04 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

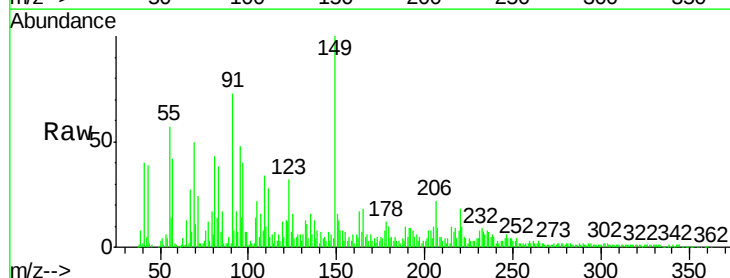
Tgt Ion:149 Resp: 175187

Ion Ratio Lower Upper

149 100

91 72.7 56.8 85.2

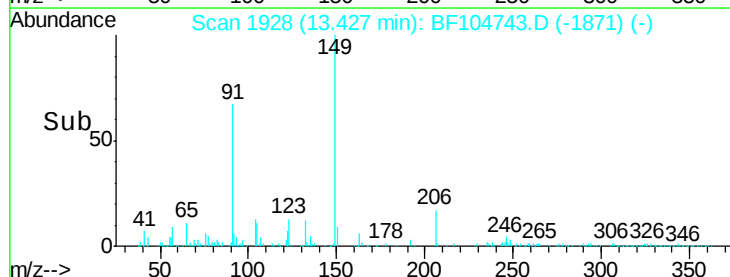
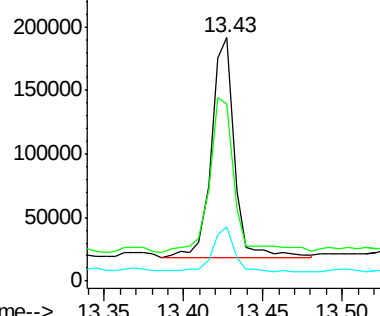
206 22.2 14.1 21.1#

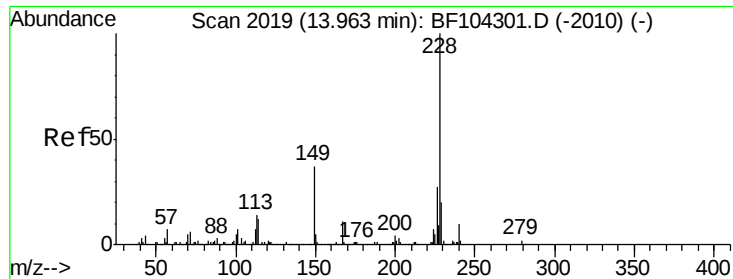


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

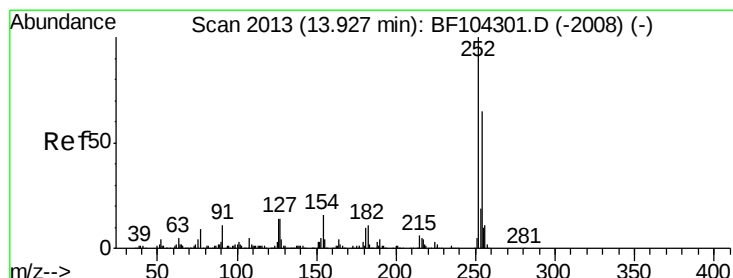
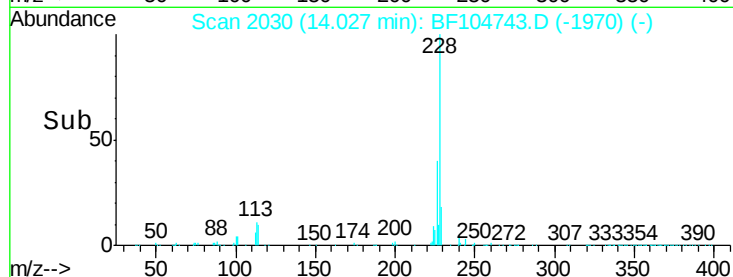
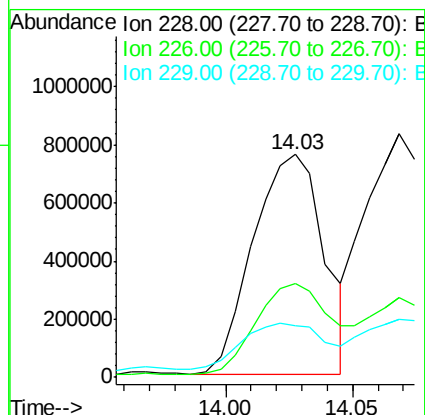
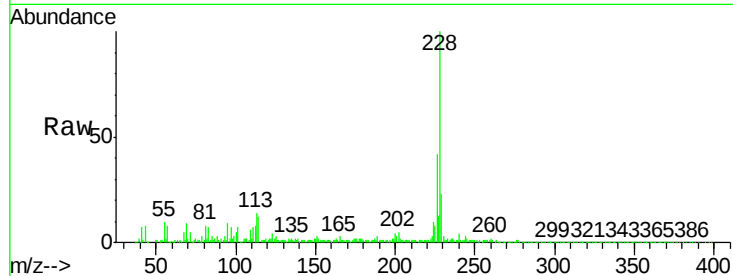




#80
Benzo(a)anthracene
Concen: 293.430 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.05 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

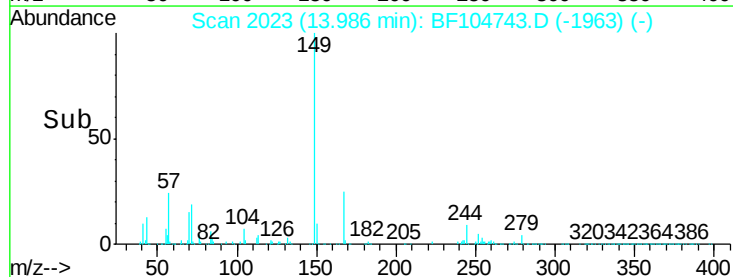
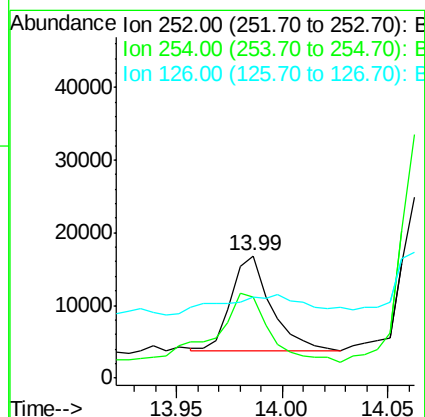
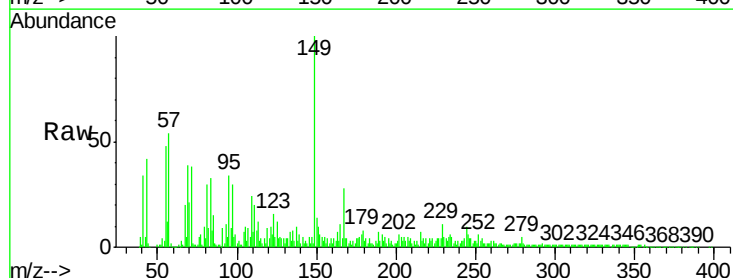
Instrument :
BNA_F
ClientSampleId :

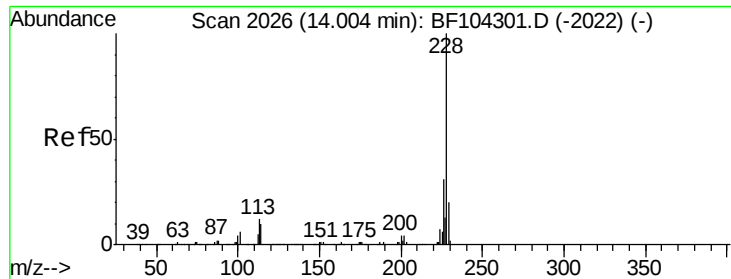
Tot Ion:228 Resp: 1470157
Ion Ratio Lower Upper
228 100
226 42.3 22.6 33.8#
229 23.3 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 9.149 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.05 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion:252 Resp: 17091
Ion Ratio Lower Upper
252 100
254 66.1 50.4 75.6
126 66.6 11.3 16.9#

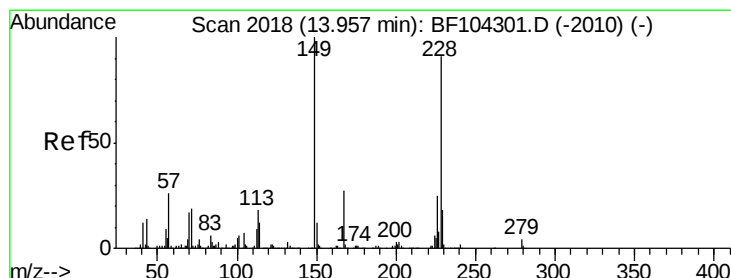
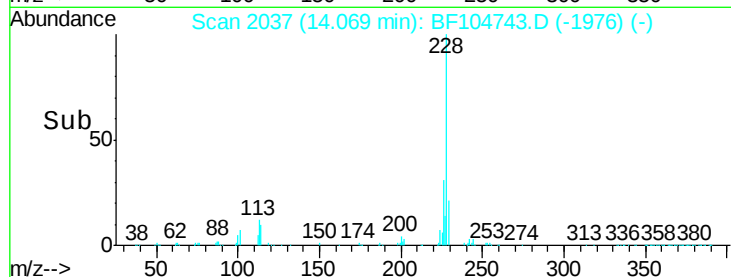
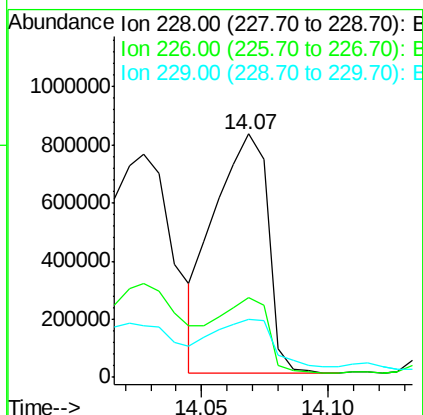
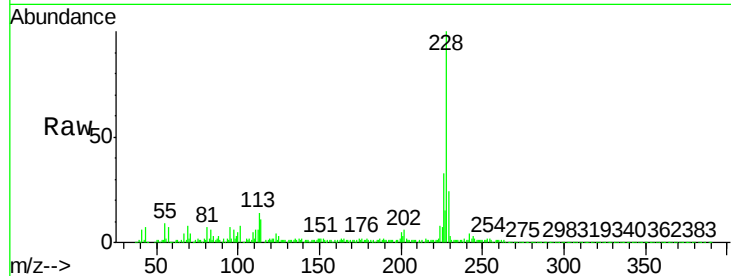




#82
Chrysene
Concen: 236.872 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.06 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

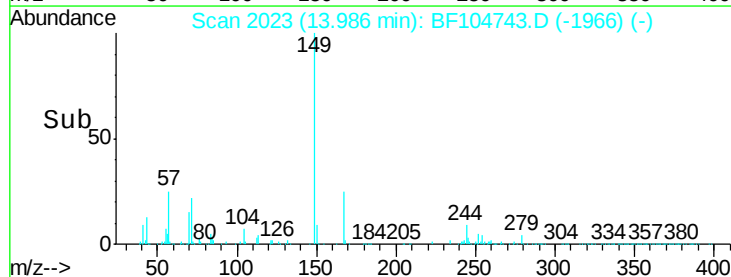
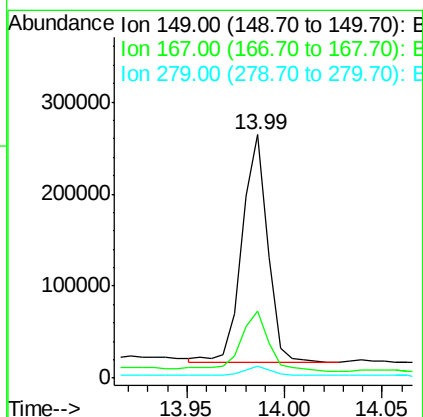
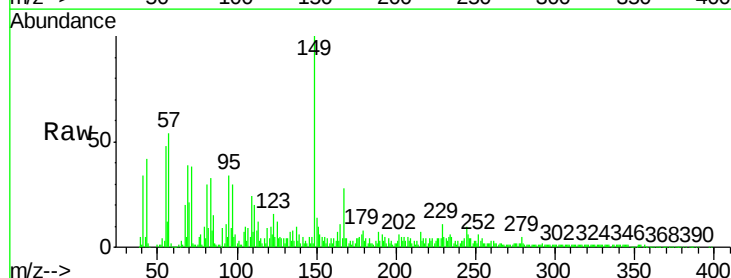
Instrument :
BNA_F
ClientSampleId :

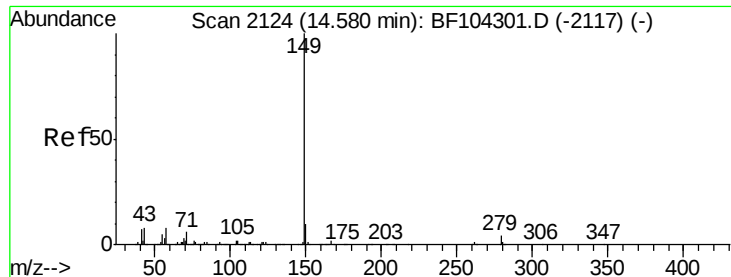
Tot Ion:228 Resp: 1219013
Ion Ratio Lower Upper
228 100
226 32.7 25.0 37.6
229 23.8 16.2 24.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 59.788 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.04 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion:149 Resp: 225220
Ion Ratio Lower Upper
149 100
167 27.6 21.3 31.9
279 5.0 3.0 4.4#

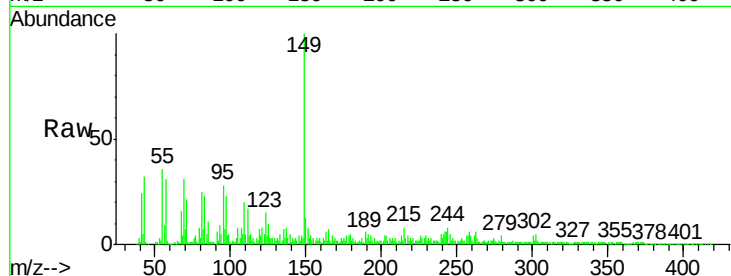




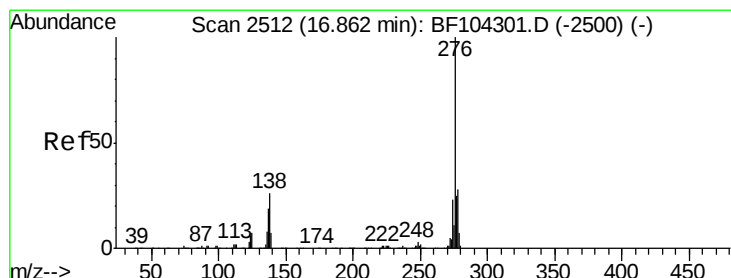
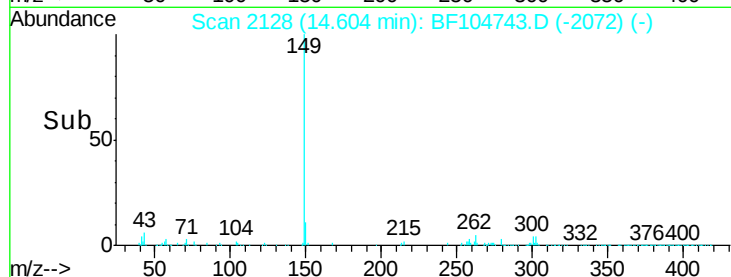
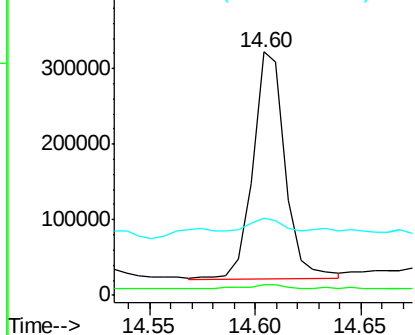
#84
Di-n-octyl phthalate
Concen: 50.931 ng
RT: 14.60 min Scan# 2128
Delta R.T. 0.03 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.2	1.8#
43	5.6	8.4	12.6#

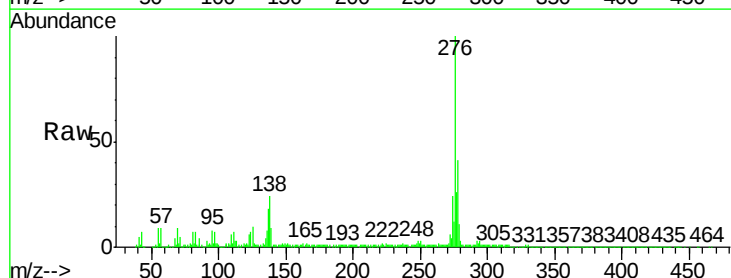


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

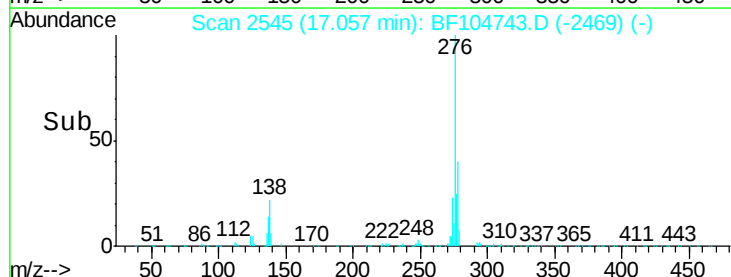
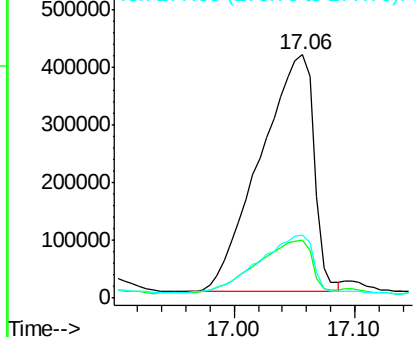


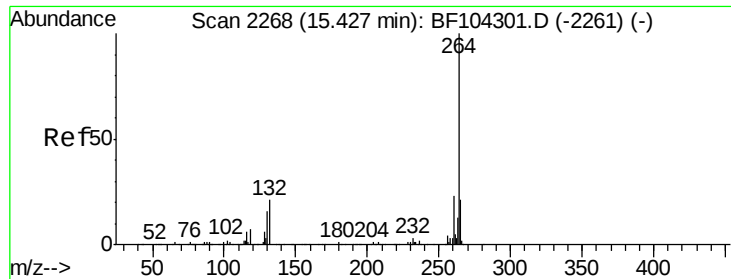
#85
Indeno(1,2,3-cd)pyrene
Concen: 290.729 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.15 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	25.0	37.6#
277	24.4	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

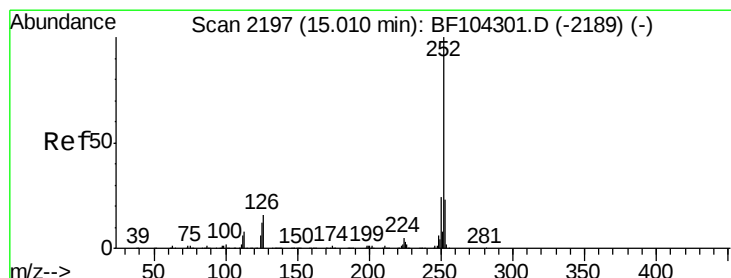
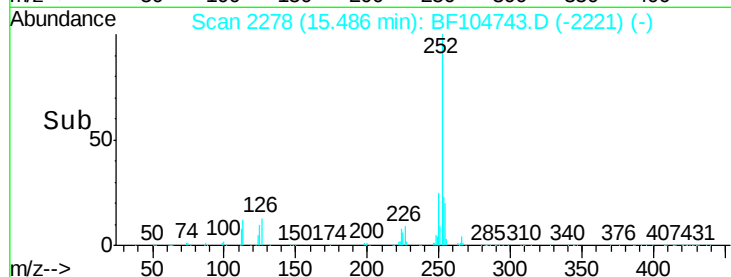
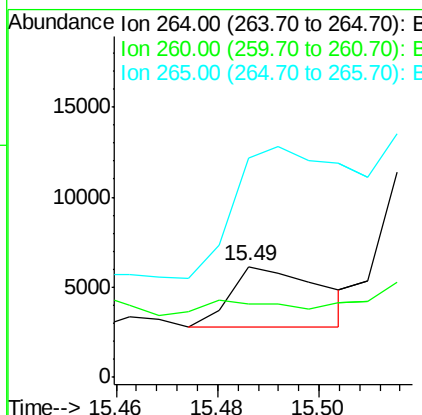
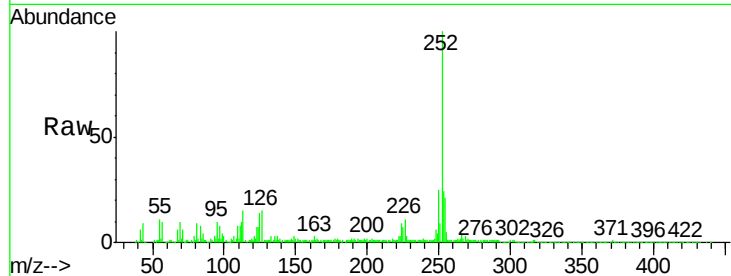




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.04 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

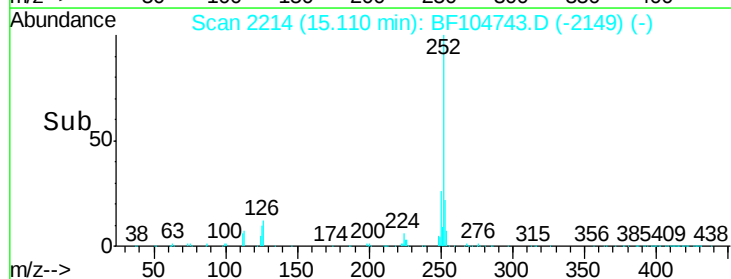
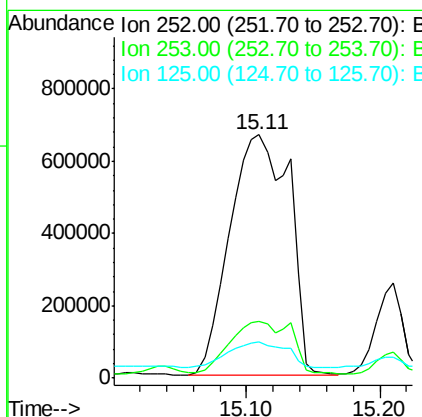
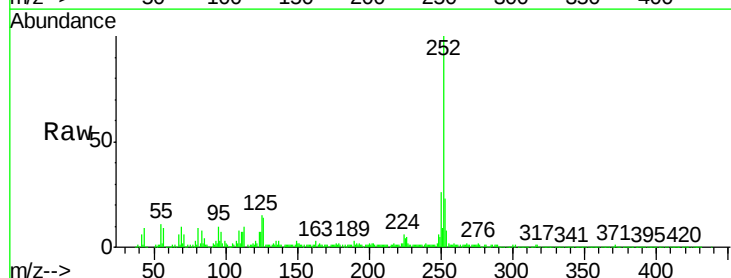
Instrument :
BNA_F
ClientSampleId :

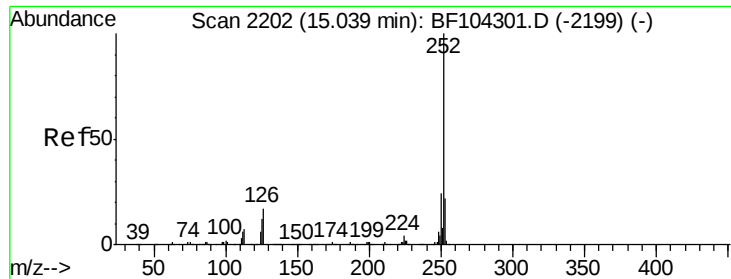
Tot Ion:264 Resp: 4108
Ion Ratio Lower Upper
264 100
260 65.7 19.2 28.8#
265 197.3 17.5 26.3#



#87
Benzo(b)fluoranthene
Concen: 7997.052 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.08 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion:252 Resp: 2074869
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.6
125 14.8 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 8470.653 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.05 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

Instrument :

BNA_F

ClientSampleId :

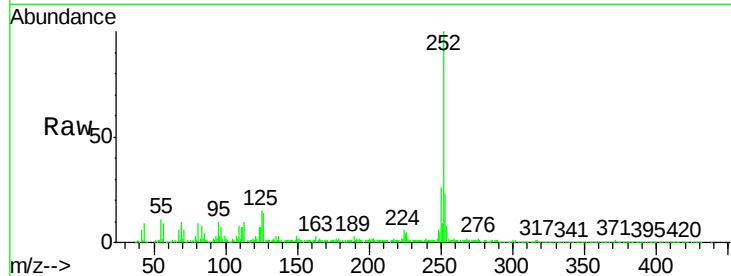
Tot Ion:252 Resp: 2074869

Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

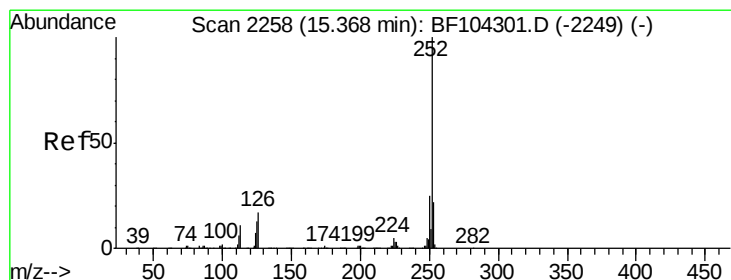
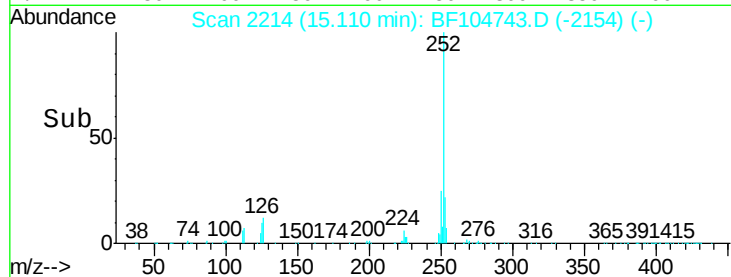
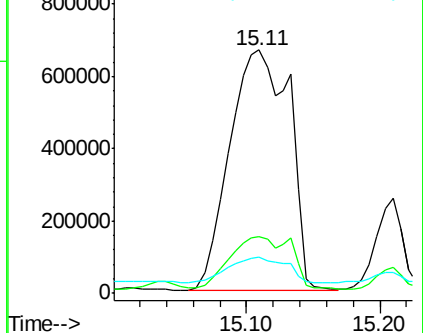
125 14.8 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 5400.918 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.09 min

Lab File: BF104743.D

Acq: 24 Apr 2018 8:16

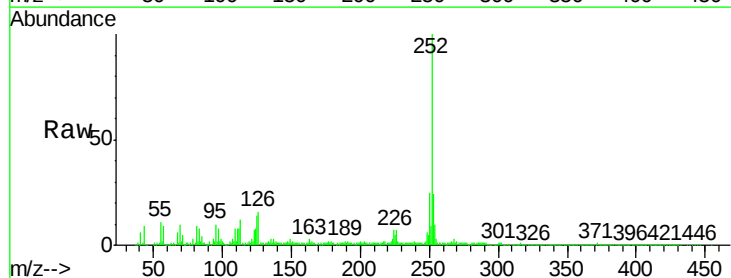
Tgt Ion:252 Resp: 1253806

Ion Ratio Lower Upper

252 100

253 24.1 17.1 25.7

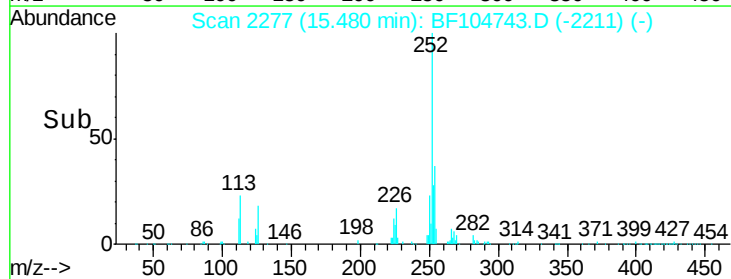
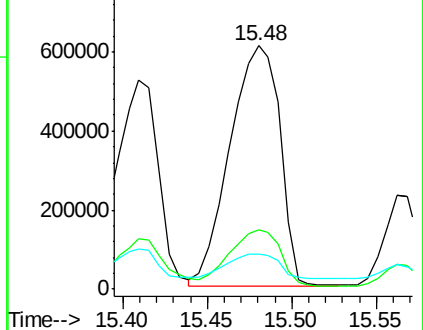
125 14.4 9.8 14.6

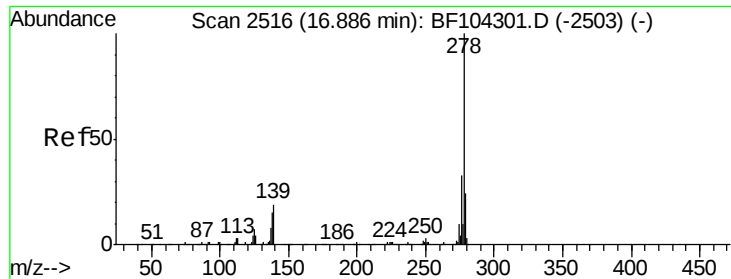


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

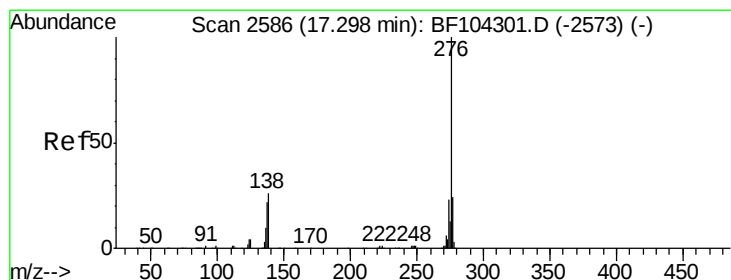
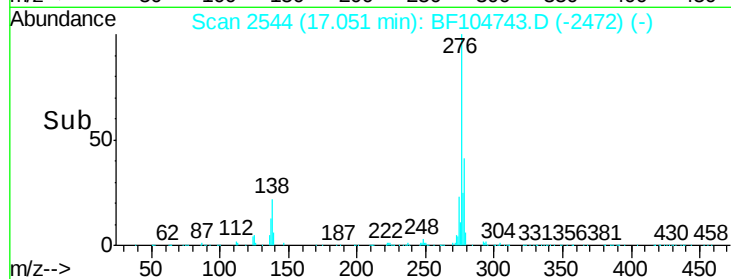
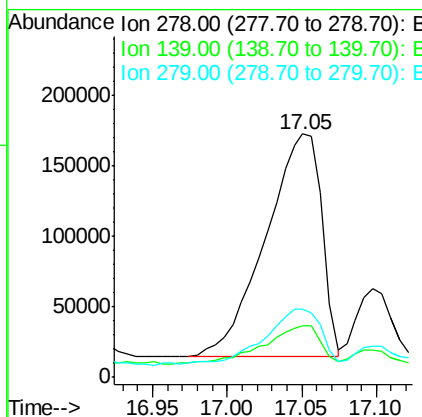
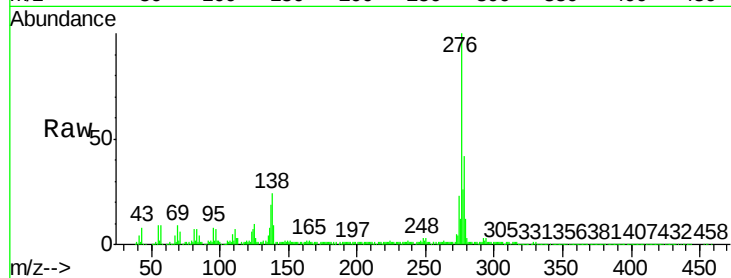




#90
Dibenzo(a,h)anthracene
Concen: 2167.378 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.12 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 413238
Ion Ratio Lower Upper
278 100
139 21.1 15.9 23.9
279 27.9 19.0 28.4



#91
Benzo(g,h,i)perylene
Concen: 7655.688 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.16 min
Lab File: BF104743.D
Acq: 24 Apr 2018 8:16

Tgt Ion:276 Resp: 1414159
Ion Ratio Lower Upper
276 100
277 25.2 17.9 26.9
138 23.4 21.8 32.8

