

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104688.D
 Acq On : 20 Apr 2018 21:27
 Operator : JU/SJ
 Sample : PB108449BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BSD

Quant Time: Apr 21 04:16:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115038	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	471243	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	200934	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	325699	20.00	ng	0.00
75) Chrysene-d12	13.98	240	211932	20.00	ng	0.00
86) Perylene-d12	15.44	264	163405	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	611629	81.30	ng	0.01
7) Phenol-d6	6.45	99	748778	81.00	ng	0.00
23) Nitrobenzene-d5	7.37	82	664555	92.08	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	165504	79.40	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1140957	89.70	ng	0.00
78) Terphenyl-d14	12.92	244	930244	100.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	117308	33.463	ng	# 88
3) Pyridine	3.31	79	335111	34.000	ng	88
4) n-Nitrosodimethylamine	3.28	42	131622	38.202	ng	# 73
6) Aniline	6.47	93	240348	18.715	ng	98
8) 2-Chlorophenol	6.59	128	335253	42.219	ng	95
9) Benzaldehyde	6.36	77	166858	33.942	ng	93
10) Phenol	6.46	94	398131	40.592	ng	91
11) bis(2-Chloroethyl)ether	6.54	93	304670	38.926	ng	95
12) 1,3-Dichlorobenzene	6.75	146	342964	38.124	ng	98
13) 1,4-Dichlorobenzene	6.82	146	345995	38.583	ng	99
14) 1,2-Dichlorobenzene	6.97	146	323224	38.895	ng	98
15) Benzyl Alcohol	6.95	79	258650	36.840	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	382479	36.388	ng	85
17) 2-Methylphenol	7.07	107	273701	39.652	ng	# 93
18) Hexachloroethane	7.32	117	98553	30.824	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	211052	34.939	ng	93
20) 3+4-Methylphenols	7.22	107	325338	38.003	ng	# 75
22) Acetophenone	7.22	105	429621	37.031	ng	98
24) Nitrobenzene	7.39	77	334718	42.009	ng	98
25) Isophorone	7.63	82	601078	39.387	ng	98
26) 2-Nitrophenol	7.70	139	132859	40.959	ng	97
27) 2,4-Dimethylphenol	7.75	122	290845	43.183	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	392172	42.030	ng	99
29) 2,4-Dichlorophenol	7.95	162	266394	41.454	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	275231	39.025	ng	97
31) Naphthalene	8.12	128	916496	39.057	ng	100
32) Benzoic acid	7.89	122	37009	6.887	ng	97
33) 4-Chloroaniline	8.16	127	125754	12.509	ng	96
34) Hexachlorobutadiene	8.22	225	146678	37.970	ng	98
35) Caprolactam	8.55	113	87446	39.007	ng	# 78
36) 4-Chloro-3-methylphenol	8.65	107	283730	41.176	ng	97
37) 2-Methylnaphthalene	8.80	142	599652	39.507	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	254371	44.224	ng	99
40) Hexachlorocyclopentadiene	8.95	237	48793	15.153	ng	97

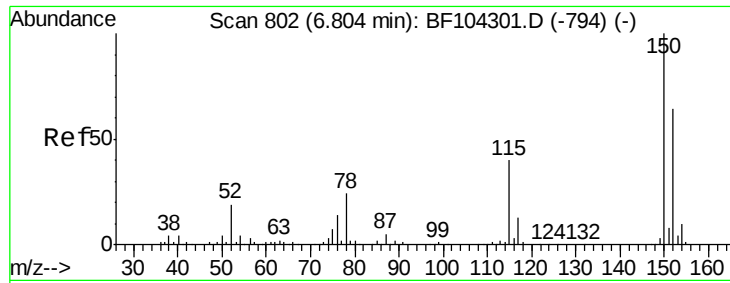
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	171247	42.888	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	180009	40.287	ng	98
45) 1,1'-Biphenyl	9.27	154	693546	41.087	ng	99
46) 2-Chloronaphthalene	9.29	162	540916	40.570	ng	99
47) 2-Nitroaniline	9.39	65	178012	53.988	ng	98
48) Acenaphthylene	9.71	152	805193	38.491	ng	100
49) Dimethylphthalate	9.57	163	665199	41.981	ng	99
50) 2,6-Dinitrotoluene	9.63	165	129725	44.245	ng	96
51) Acenaphthene	9.88	154	463093	36.283	ng	99
52) 3-Nitroaniline	9.80	138	146644	42.722	ng	98
53) 2,4-Dinitrophenol	9.92	184	17961	24.565	ng	# 17
54) Dibenzofuran	10.05	168	709644	39.897	ng	97
55) 4-Nitrophenol	9.97	139	194744	72.226	ng	98
56) 2,4-Dinitrotoluene	10.04	165	156483	40.688	ng	96
57) Fluorene	10.40	166	534233	41.264	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	131776	39.532	ng	95
59) Diethylphthalate	10.27	149	631169	39.996	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	250093	43.375	ng	99
61) 4-Nitroaniline	10.42	138	153298	45.676	ng	97
62) Azobenzene	10.55	77	559200	37.090	ng	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	14728	15.211	ng	76
65) n-Nitrosodiphenylamine	10.50	169	484232	42.880	ng	100
66) 4-Bromophenyl-phenylether	10.87	248	150746	43.513	ng	96
67) Hexachlorobenzene	10.95	284	159109	40.816	ng	# 88
68) Atrazine	11.03	200	149205	43.772	ng	99
69) Pentachlorophenol	11.14	266	132277	54.850	ng	96
70) Phenanthrene	11.36	178	719187	39.651	ng	99
71) Anthracene	11.41	178	740301	40.152	ng	100
72) Carbazole	11.57	167	675042	37.468	ng	99
73) Di-n-butylphthalate	11.89	149	896811	40.749	ng	99
74) Fluoranthene	12.55	202	690092	36.415	ng	98
76) Benzidine	12.67	184	534411	Below	Cal	98
77) Pyrene	12.78	202	690657	43.965	ng	100
79) Butylbenzylphthalate	13.39	149	338917	45.795	ng	99
80) Benzo(a)anthracene	13.97	228	549330	43.387	ng	98
81) 3,3'-Dichlorobenzidine	13.93	252	207657	43.988	ng	97
82) Chrysene	14.01	228	520575	40.029	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	463126	48.651	ng	99
84) Di-n-octyl phthalate	14.57	149	739895	46.517	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.90	276	404725	36.635	ng	97
87) Benzo(b)fluoranthene	15.02	252	433334	41.988	ng	100
88) Benzo(k)fluoranthene	15.05	252	418391	42.941	ng	97
89) Benzo(a)pyrene	15.38	252	393719	42.637	ng	98
90) Dibenzo(a,h)anthracene	16.92	278	342474	45.157	ng	96
91) Benzo(g,h,i)perylene	17.34	276	333668	45.411	ng	97

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

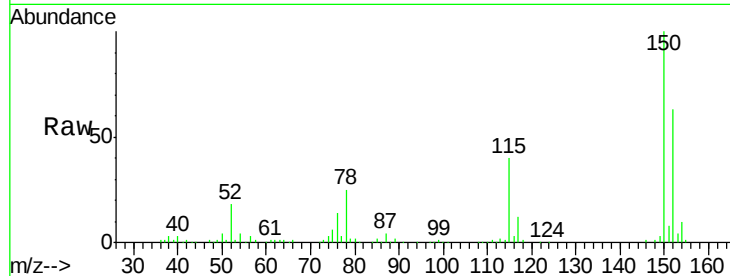


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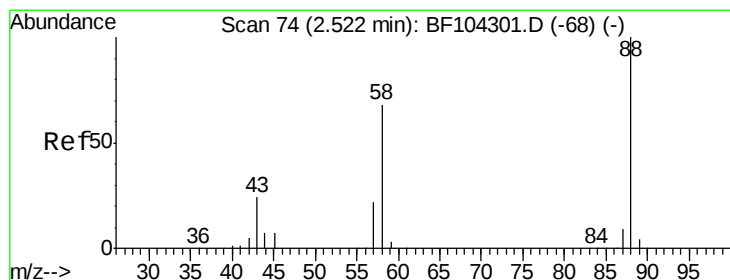
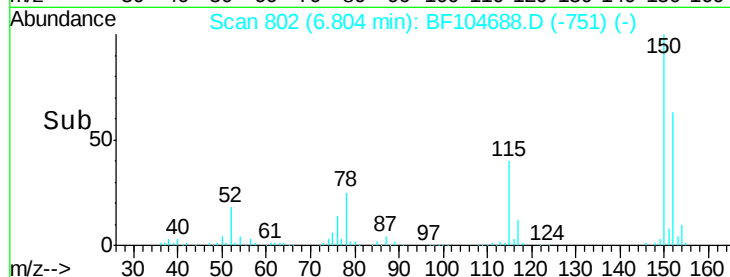
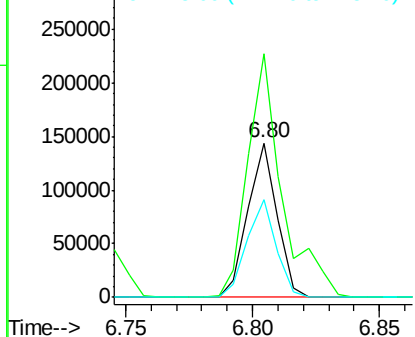
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Instrument :
BNA_F
ClientSampleId :
PB108449BSD

Tot Ion:152 Resp: 115038
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 63.4 50.1 75.1



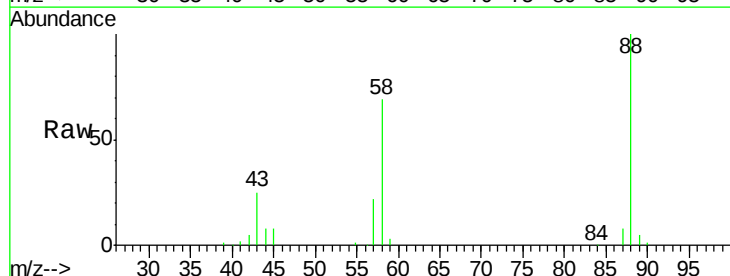
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



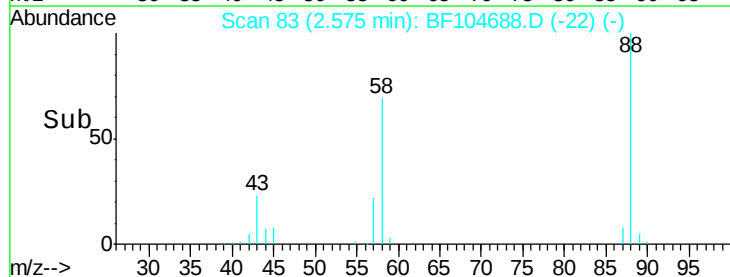
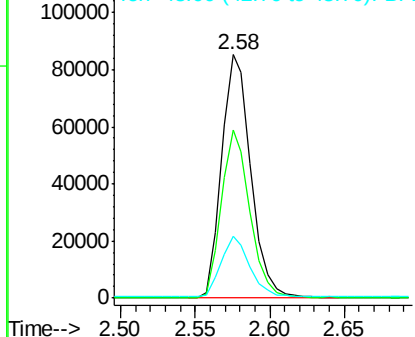
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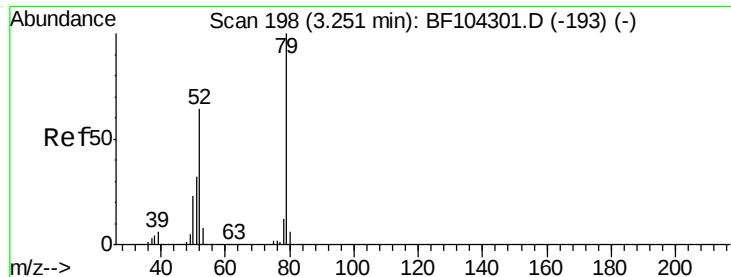
1,4-Dioxane
Concen: 33.463 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.06 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Tgt Ion: 88 Resp: 117308
Ion Ratio Lower Upper
88 100
58 67.1 62.6 93.8
43 24.3 24.6 37.0#



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





#3

Pvrindine

Concen: 34.000 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.06 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

PB108449BSD

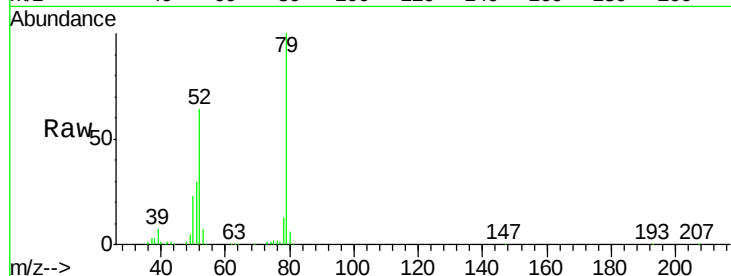
Tot Ion: 79 Resp: 335111

Ion Ratio Lower Upper

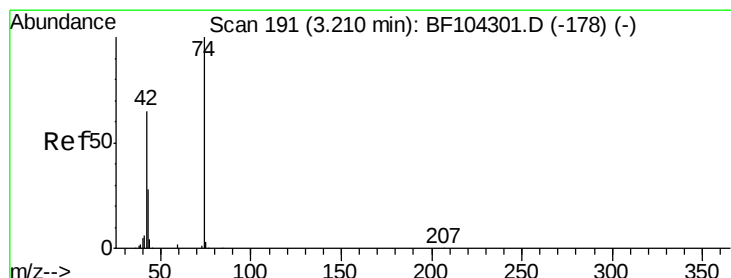
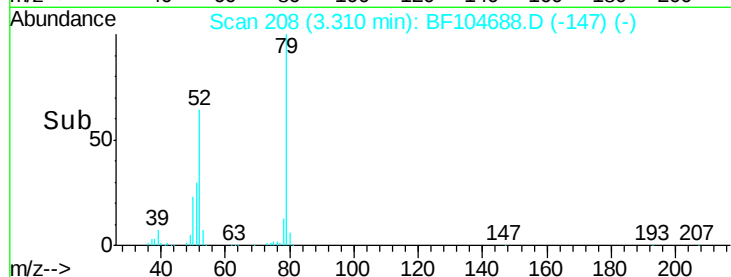
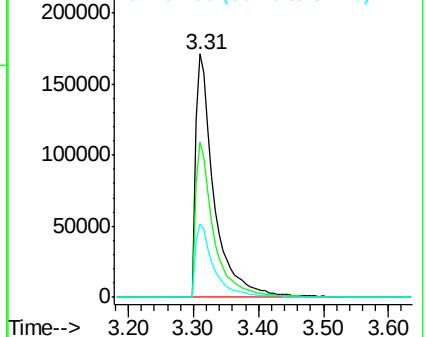
79 100

52 63.9 59.8 89.6

51 30.3 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: 38.202 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.05 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

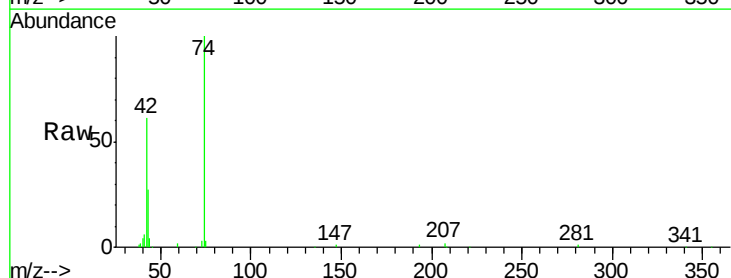
Tgt Ion: 42 Resp: 131622

Ion Ratio Lower Upper

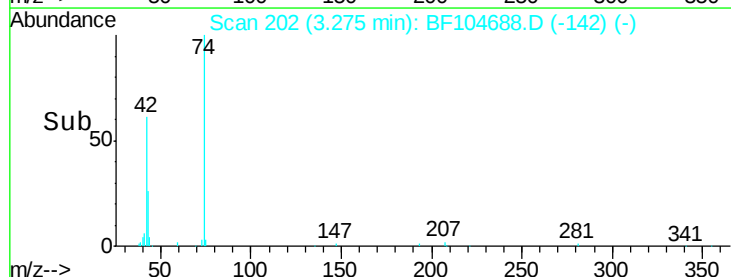
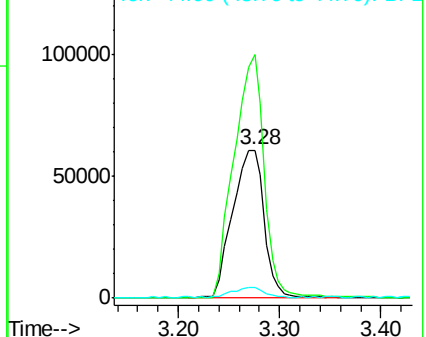
42 100

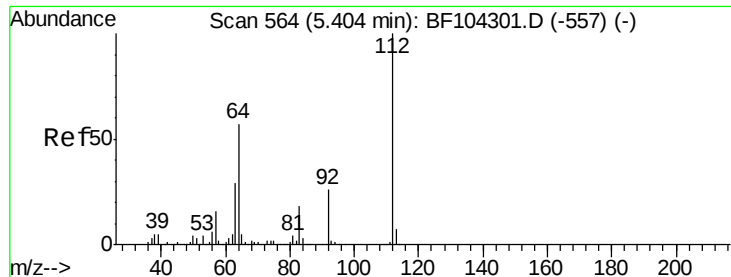
74 164.4 104.9 157.3#

44 7.4 6.9 10.3



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





#5

2-Fluorophenol

Concen: 81.296 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

PB108449BSD

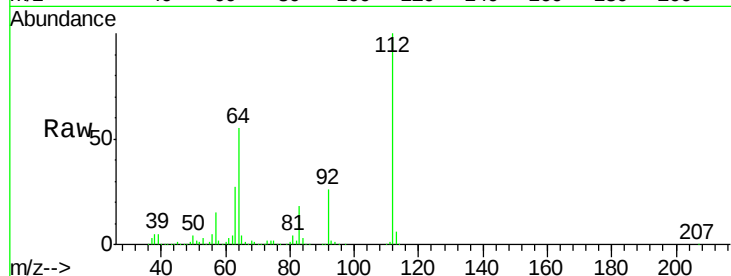
Tot Ion:112 Resp: 611629

Ion Ratio Lower Upper

112 100

64 55.1 47.9 71.9

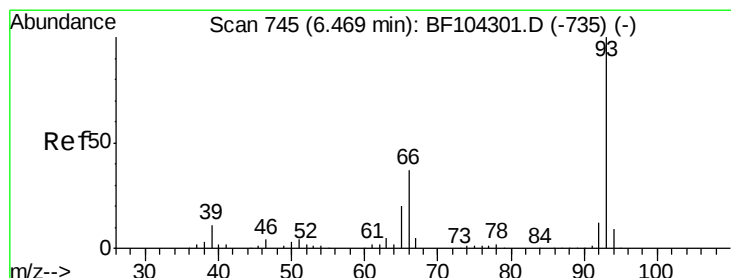
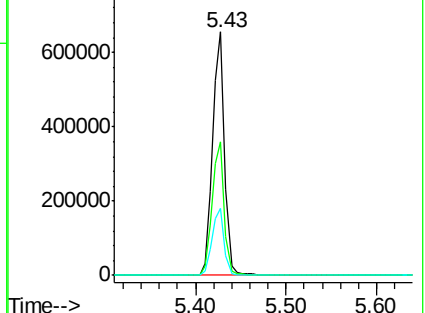
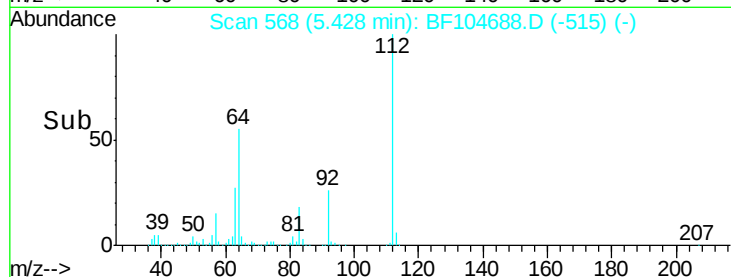
63 27.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.715 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

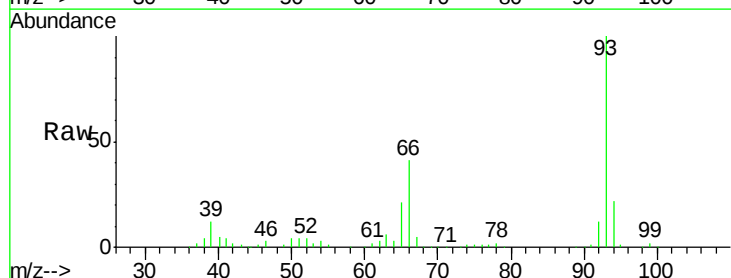
Tgt Ion: 93 Resp: 240348

Ion Ratio Lower Upper

93 100

66 41.3 32.2 48.2

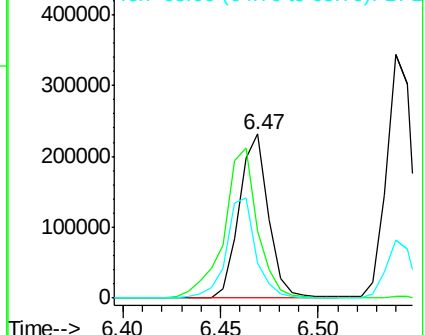
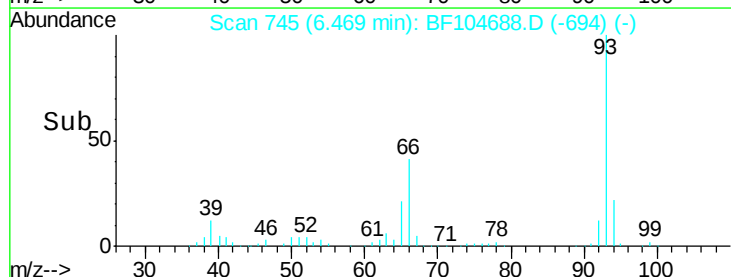
65 21.5 16.4 24.6

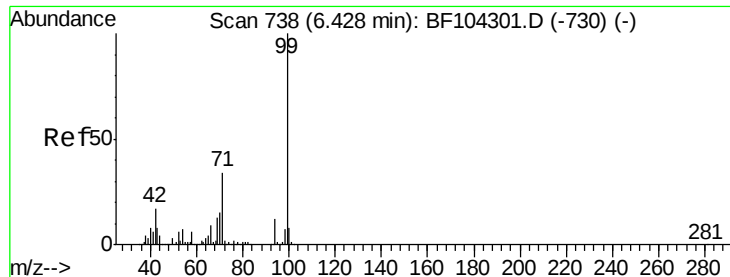


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.002 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

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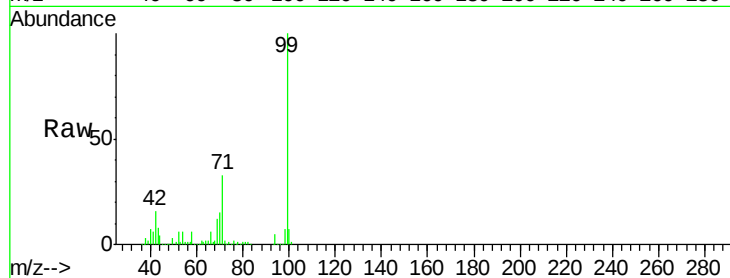
Tot Ion: 99 Resp: 748778

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

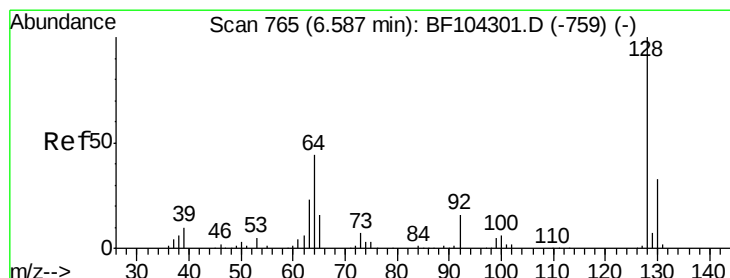
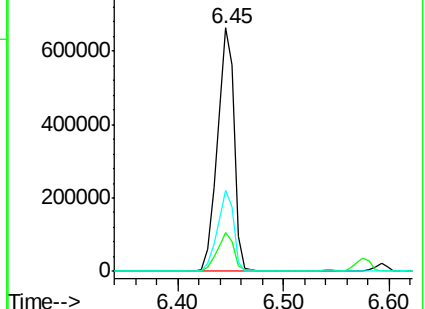
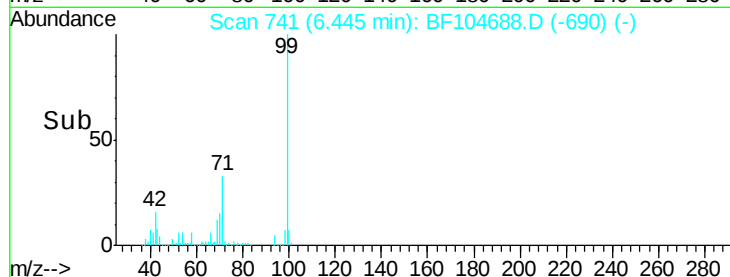
71 33.3 25.4 38.0



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: 42.219 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

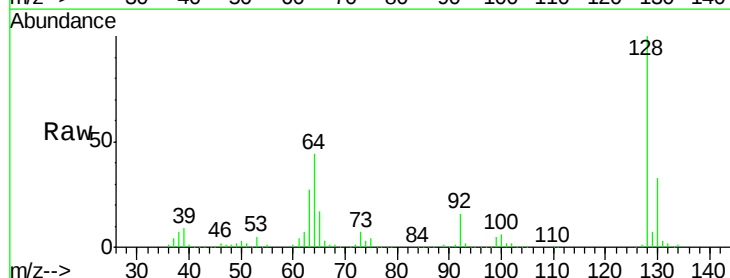
Tgt Ion: 128 Resp: 335253

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

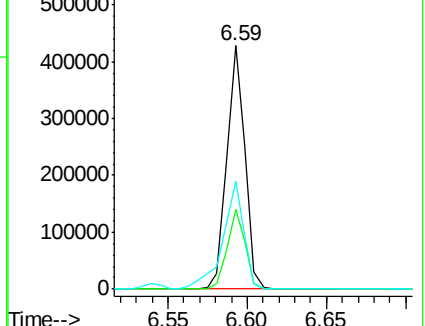
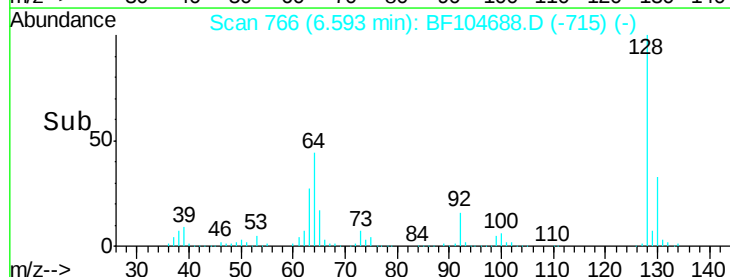
64 44.4 29.4 69.4

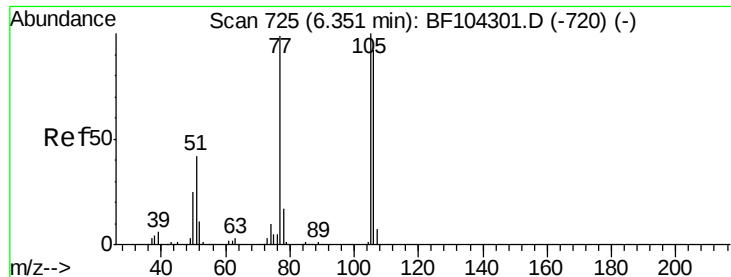


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.942 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleID :

PB108449BSD

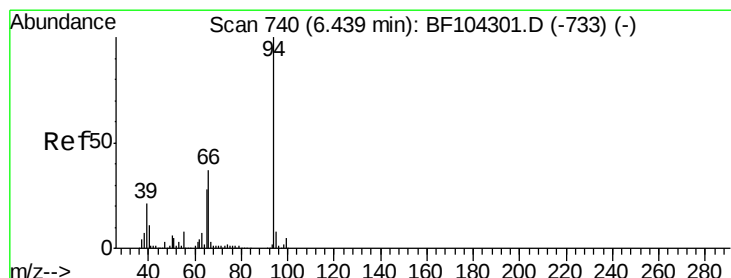
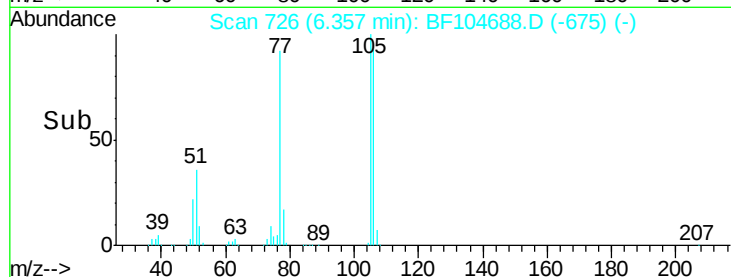
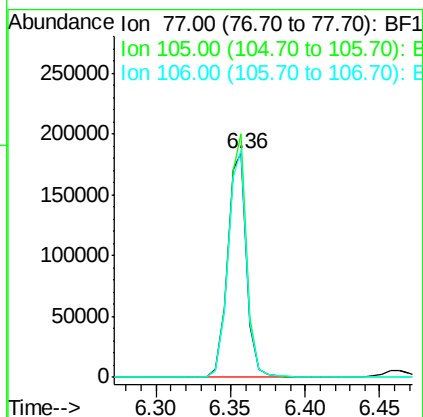
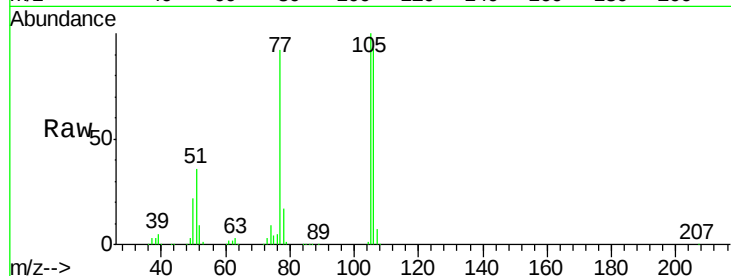
Tot Ion: 77 Resp: 166858

Ion Ratio Lower Upper

77 100

105 108.6 81.1 121.1

106 101.3 74.5 114.5



#10

Phenol

Concen: 40.592 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

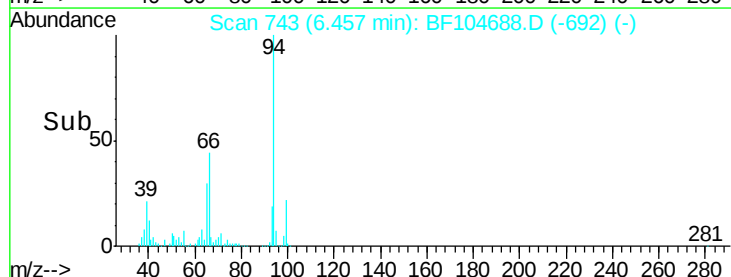
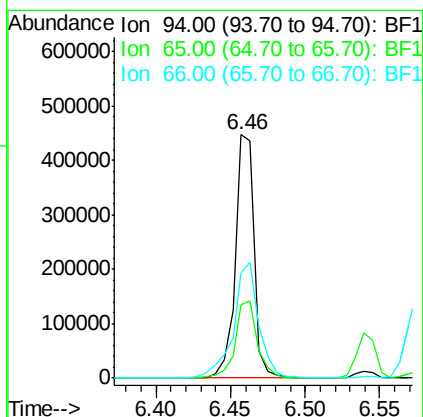
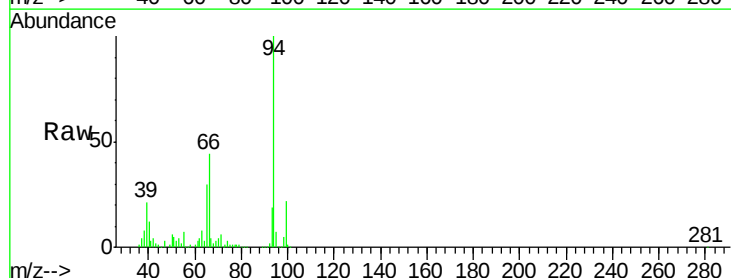
Tgt Ion: 94 Resp: 398131

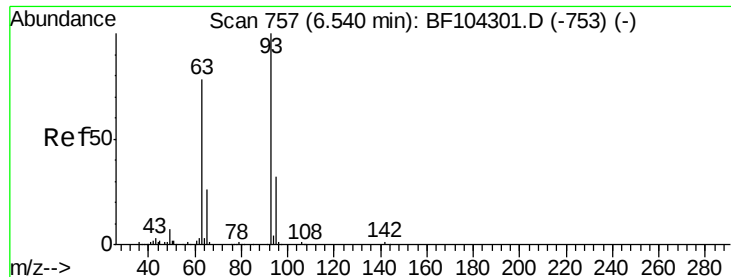
Ion Ratio Lower Upper

94 100

65 29.9 7.9 47.9

66 43.5 16.2 56.2

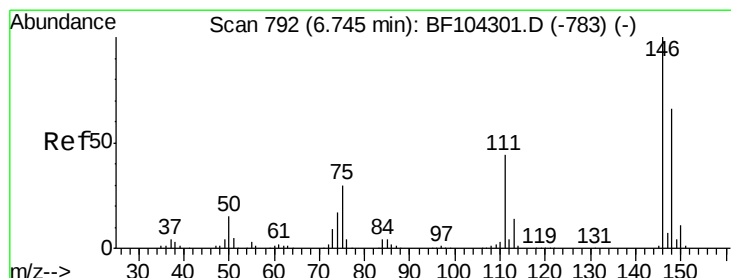
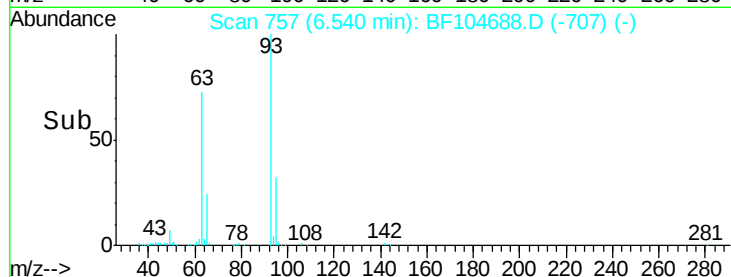
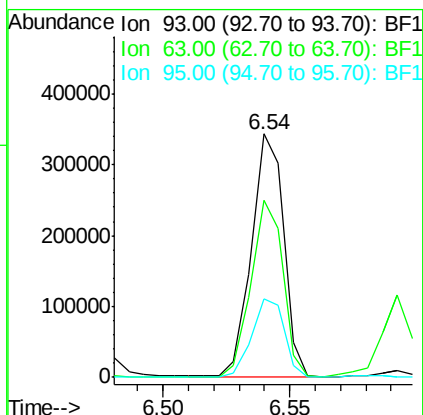
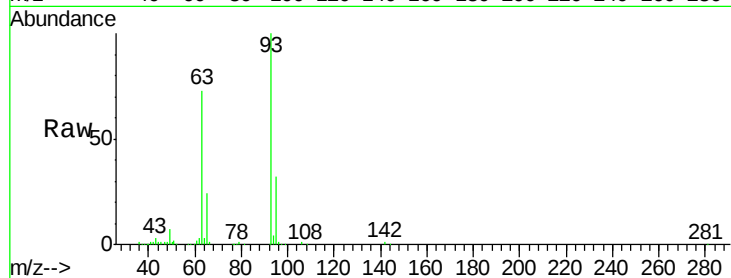




#11
bis(2-Chloroethyl)ether
Concen: 38.926 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

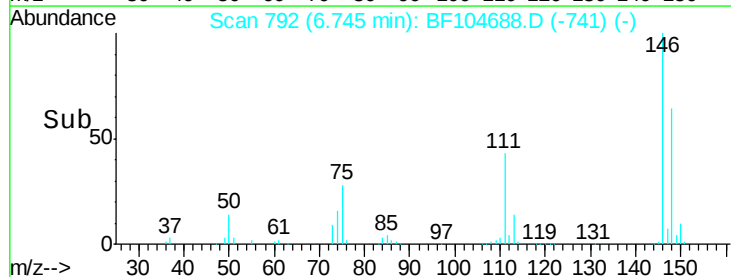
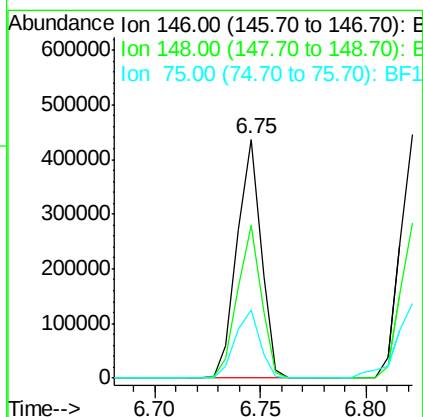
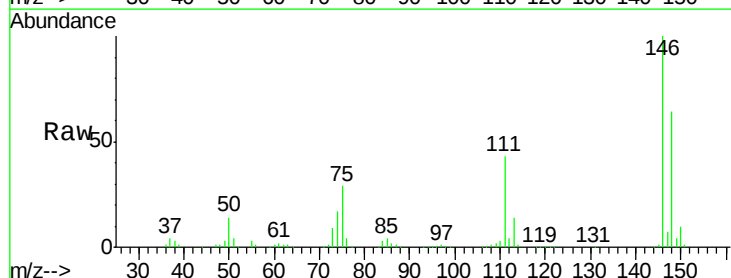
Instrument :
BNA_F
ClientSampleId :
PB108449BSD

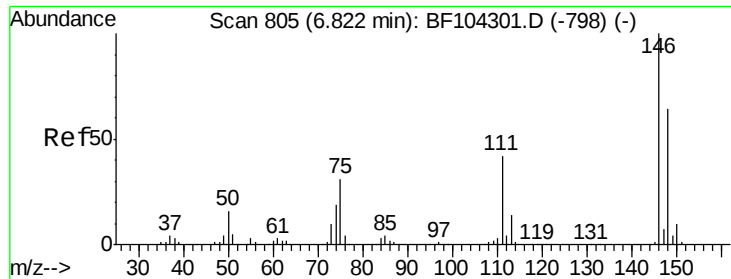
Tot Ion: 93 Resp: 304670
Ion Ratio Lower Upper
93 100
63 72.8 58.6 98.6
95 32.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.124 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Tgt Ion: 146 Resp: 342964
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 28.6 24.2 36.4

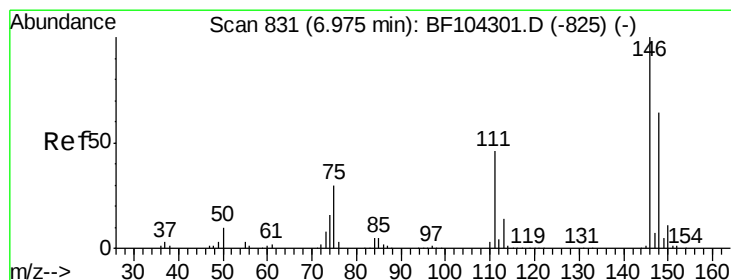
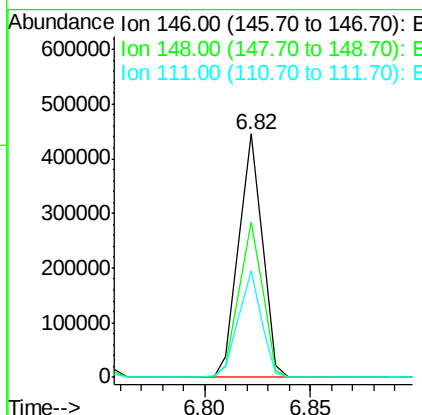
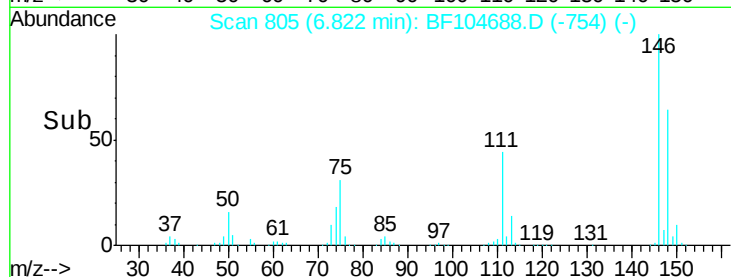
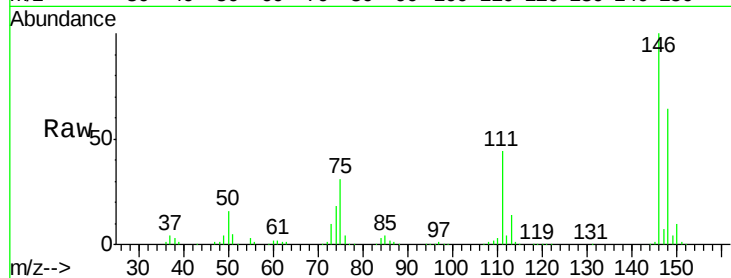




#13
 1,4-Dichlorobenzene
 Concen: 38.583 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

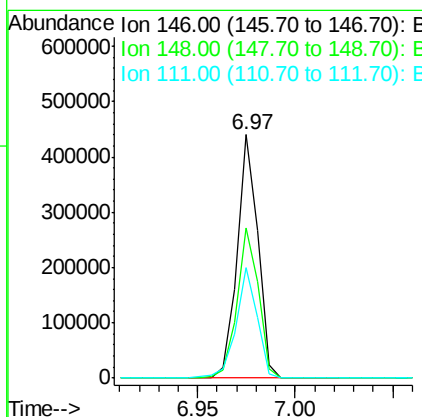
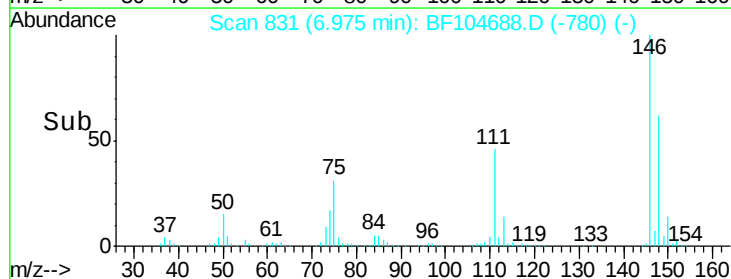
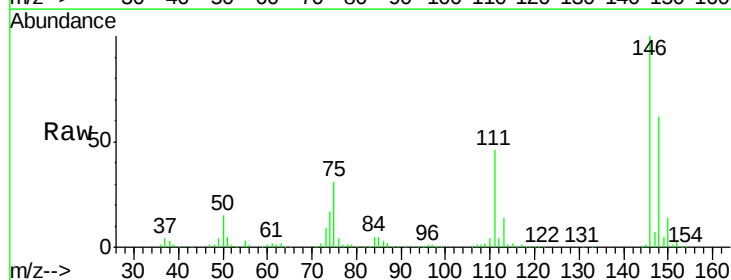
Instrument :
 BNA_F
 ClientSampleId :
 PB108449BSD

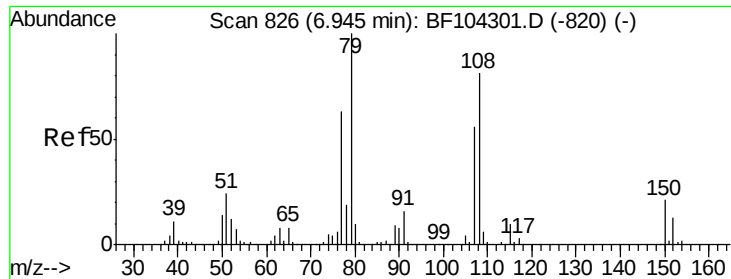
Tot Ion:146 Resp: 345995
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 43.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.895 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

Tgt Ion:146 Resp: 323224
 Ion Ratio Lower Upper
 146 100
 148 61.7 50.6 75.8
 111 45.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.840 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

PB108449BSD

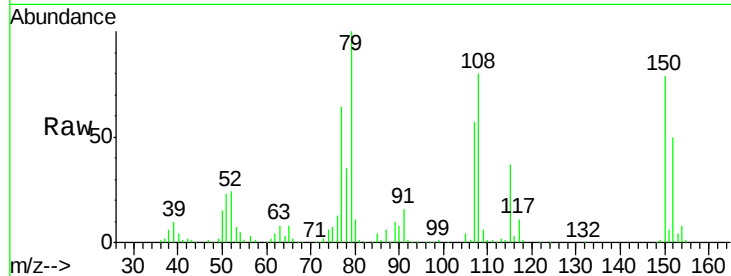
Tot Ion: 79 Resp: 258650

Ion Ratio Lower Upper

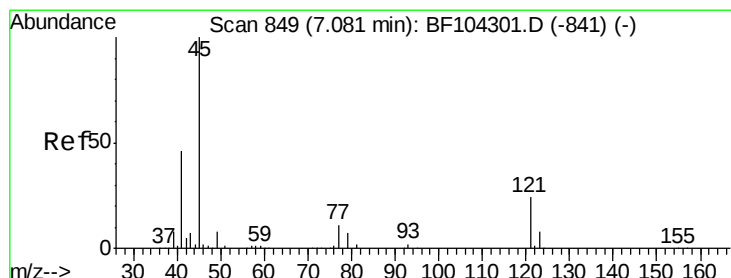
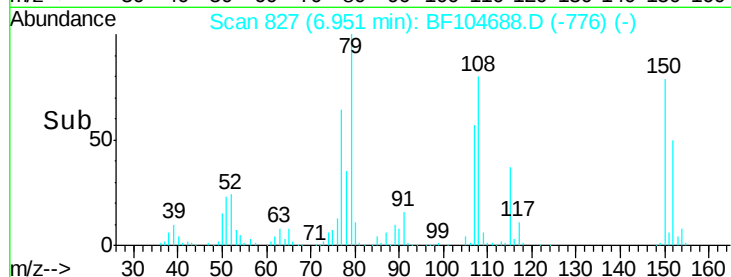
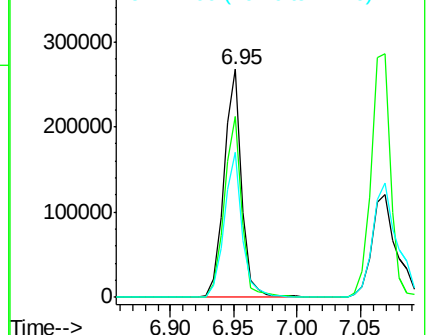
79 100

108 79.7 65.1 97.7

77 63.9 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.388 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

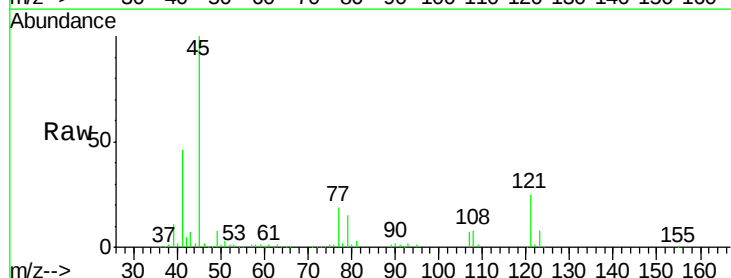
Tgt Ion: 45 Resp: 382479

Ion Ratio Lower Upper

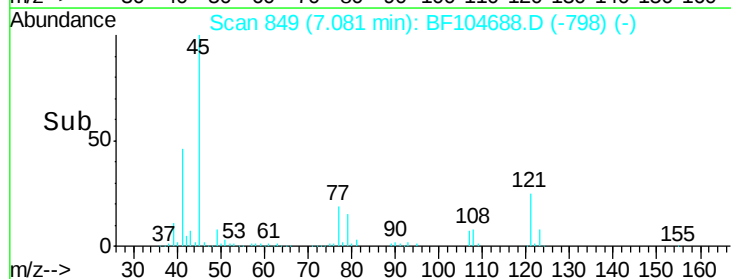
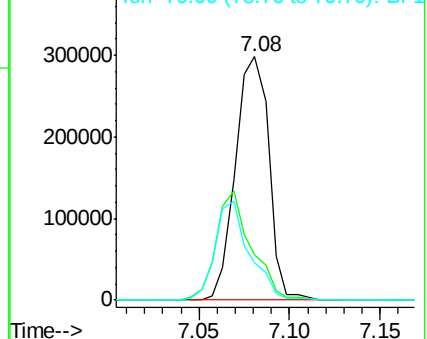
45 100

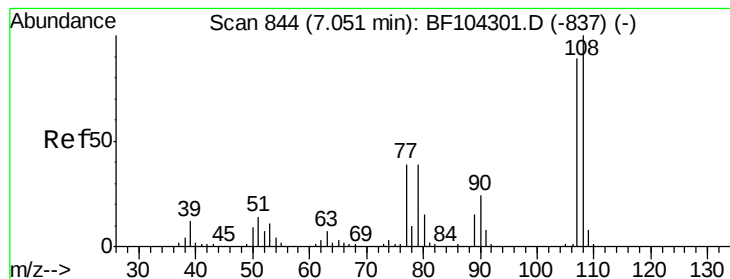
77 18.7 0.0 32.9

79 15.3 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

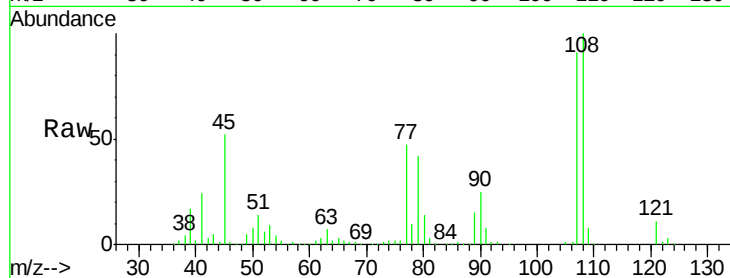




#17
2-Methylphenol
Concen: 39.652 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Instrument :
BNA_F
ClientSampleId :
PB108449BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.1	91.7	137.5
77	51.4	33.8	50.8#
79	46.5	33.8	50.8



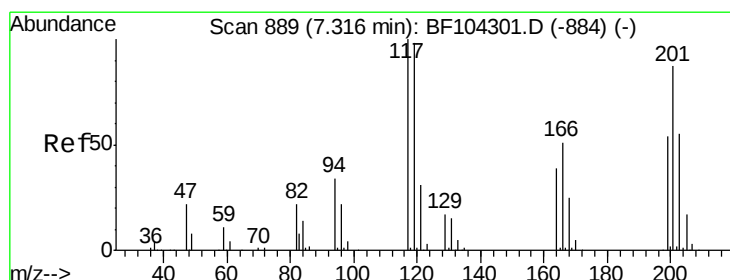
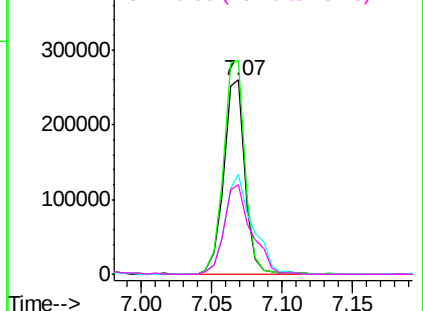
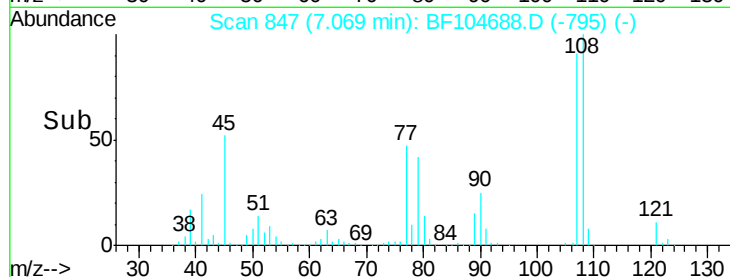
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

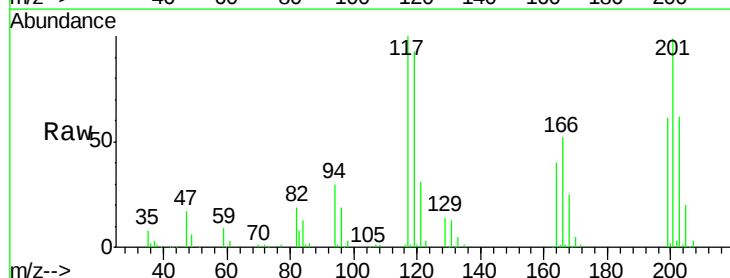
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 30.824 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.8	113.8
201	98.8	75.7	113.5

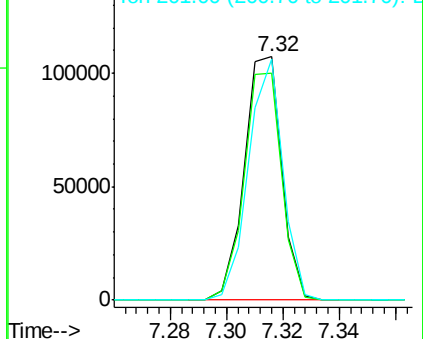
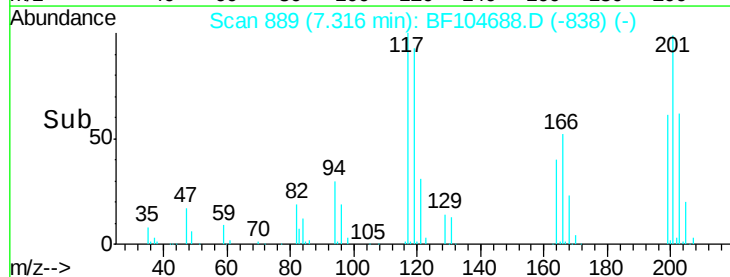


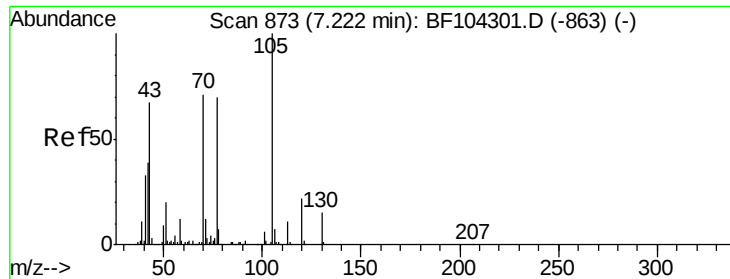
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

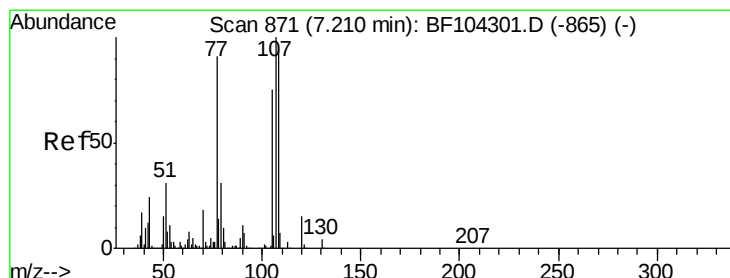
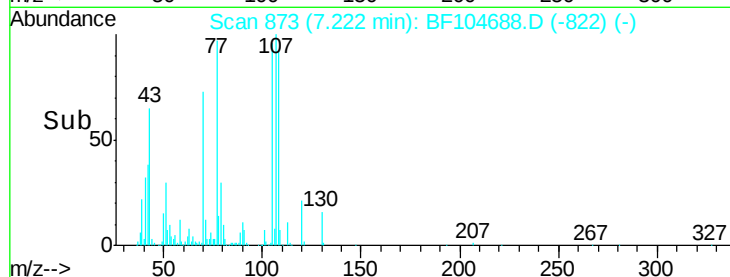
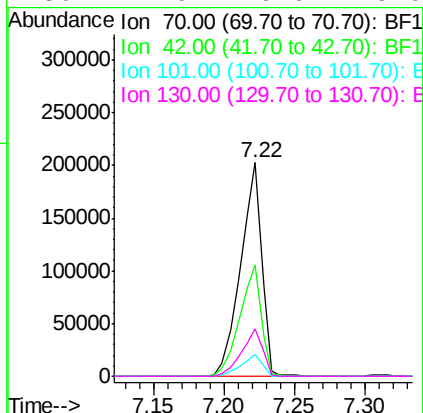
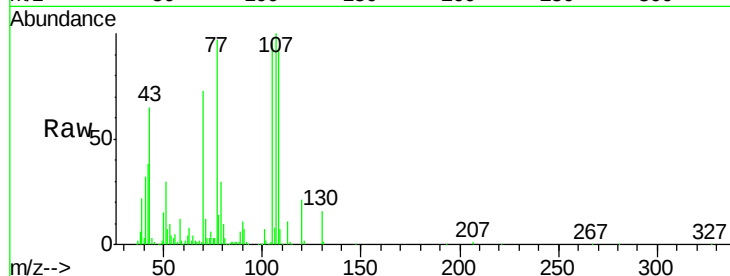




#19
n-Nitroso-di-n-propylamine
Concen: 34.939 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

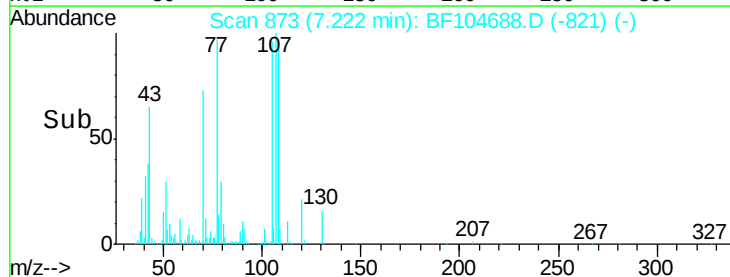
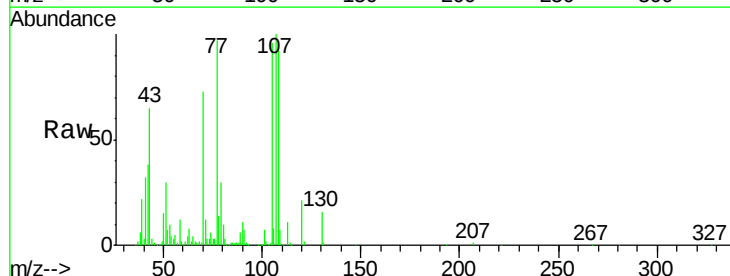
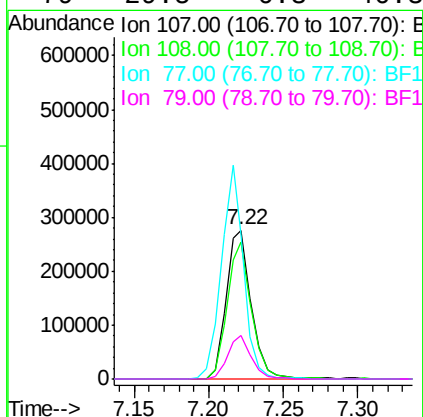
Instrument :
BNA_F
ClientSampleId :
PB108449BSD

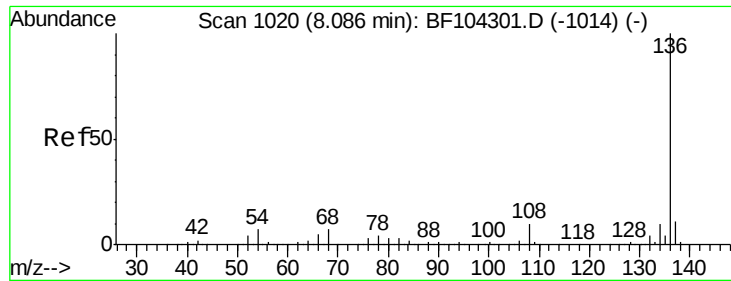
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.1	47.5	71.3	
101	10.1	7.4	11.2	
130	21.9	16.6	25.0	



#20
3+4-Methylphenols
Concen: 38.003 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.7	68.2	108.2	
77	96.8	26.7	66.7	
79	29.5	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

PB108449BSD

Tot Ion:136 Resp: 471243

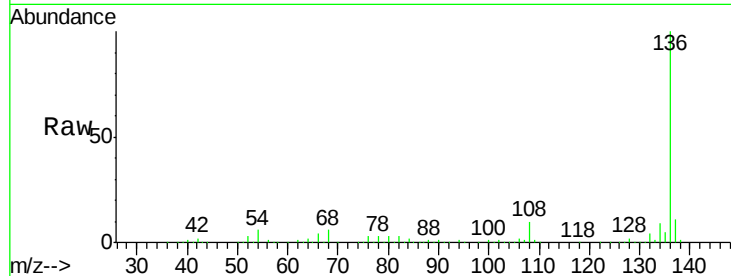
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.5 6.6 9.8#

68 5.9 5.0 7.4

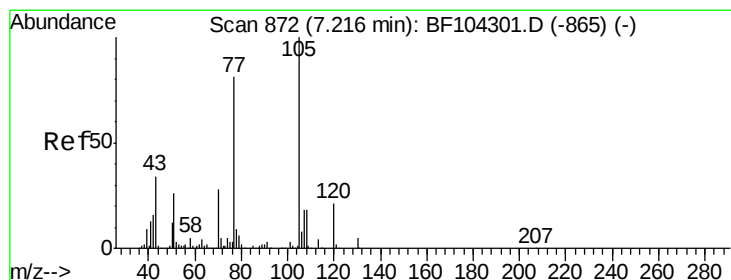
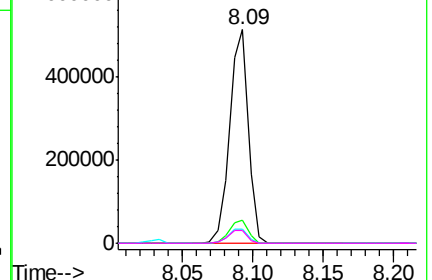
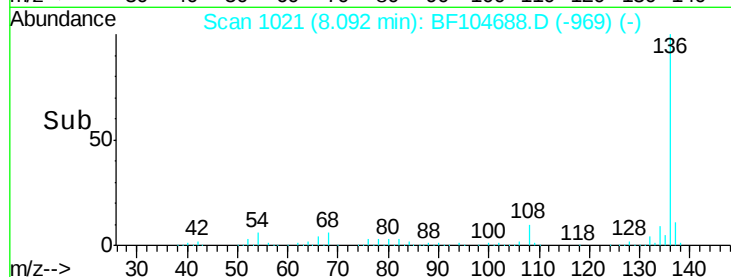


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.031 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Tgt Ion:105 Resp: 429621

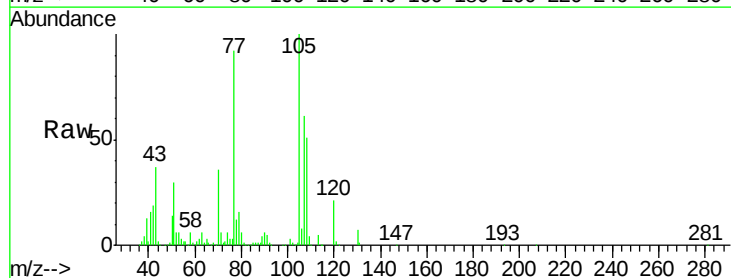
Ion Ratio Lower Upper

105 100

71 5.9 4.4 6.6

51 29.5 22.3 33.5

120 21.1 16.9 25.3

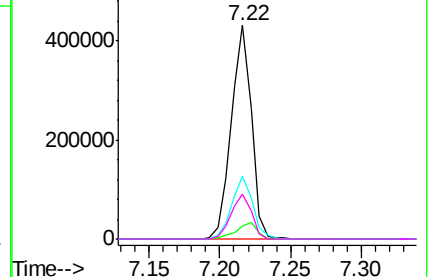
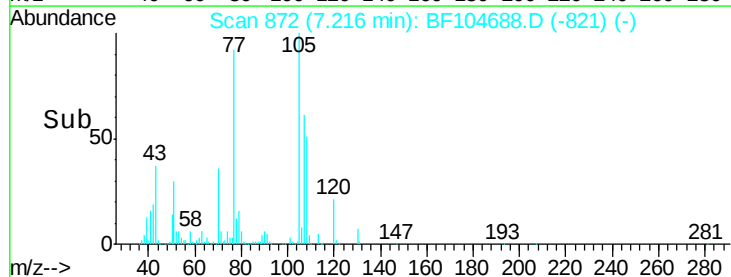


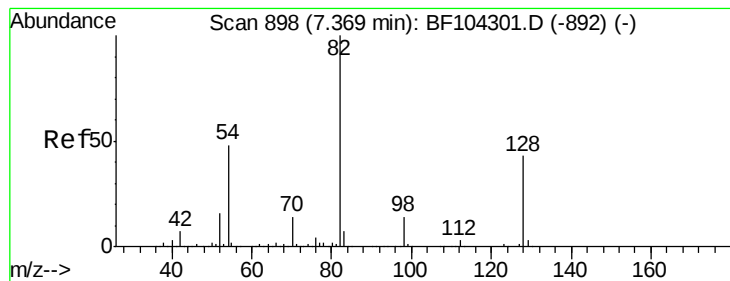
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 92.084 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

PB108449BSD

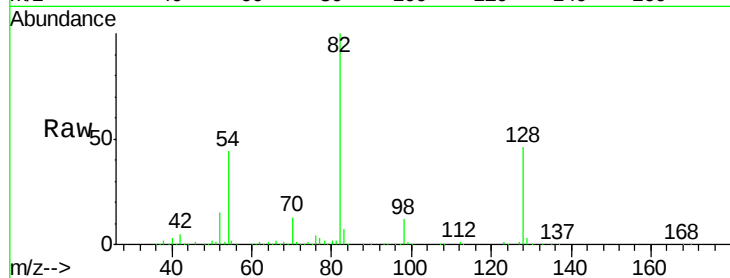
Tot Ion: 82 Resp: 664555

Ion Ratio Lower Upper

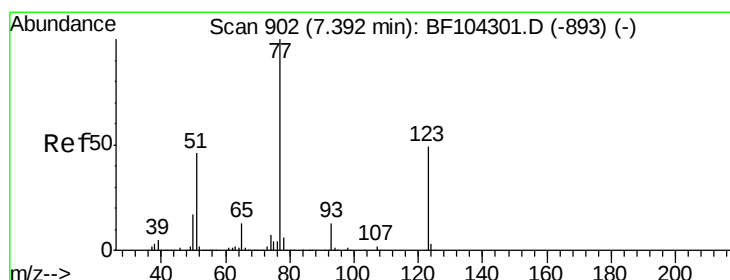
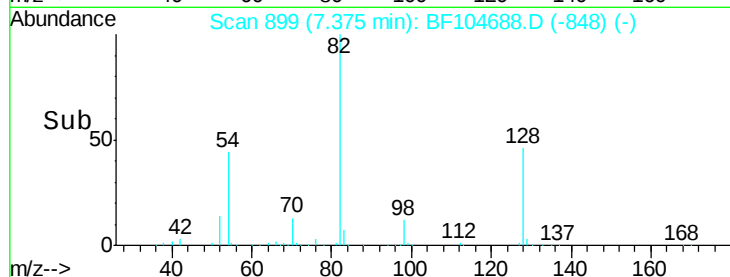
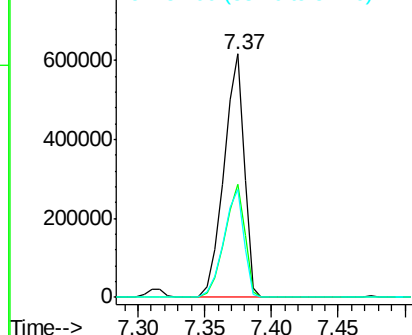
82 100

128 46.4 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): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 42.009 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

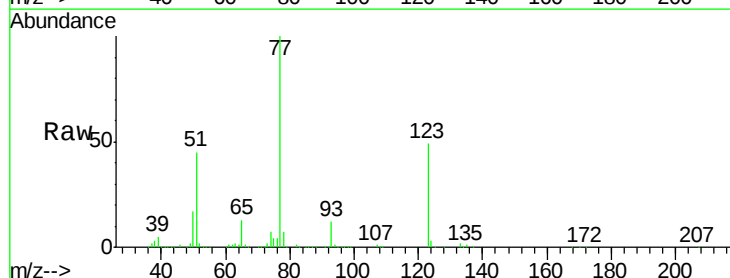
Tgt Ion: 77 Resp: 334718

Ion Ratio Lower Upper

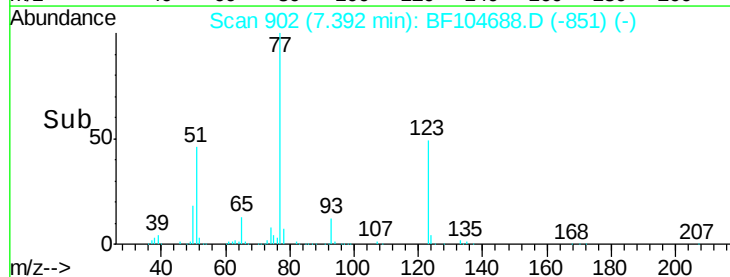
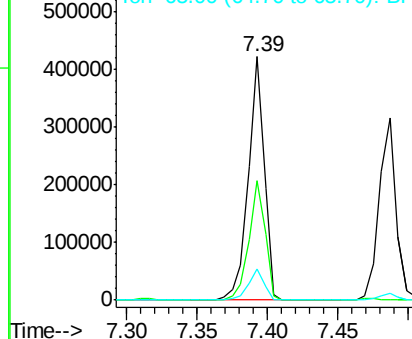
77 100

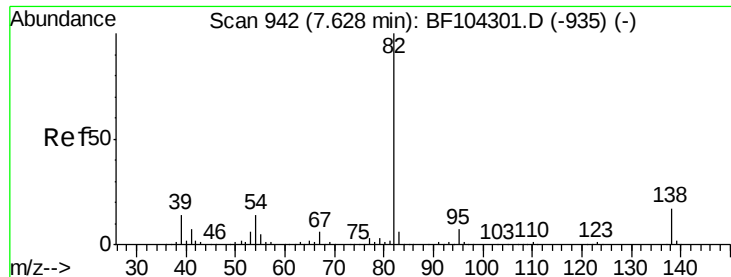
123 49.2 37.9 56.9

65 12.9 11.0 16.4



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

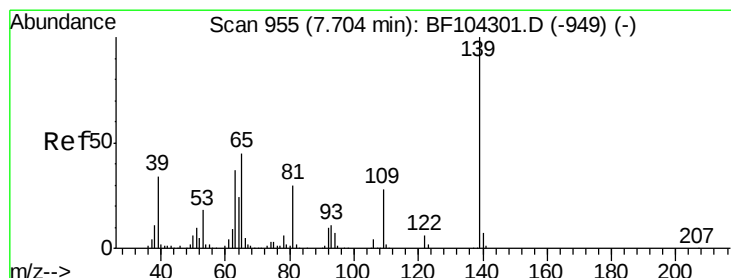
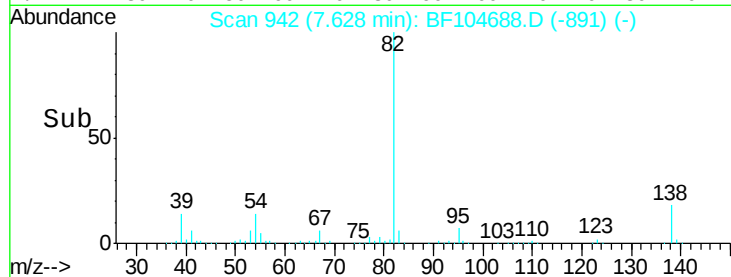
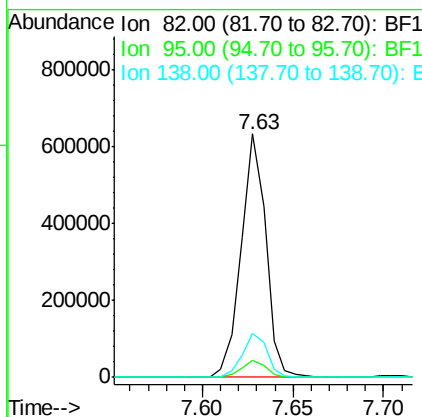
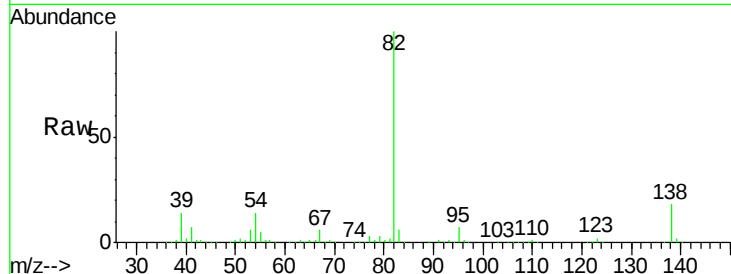




#25
Isophorone
Concen: 39.387 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

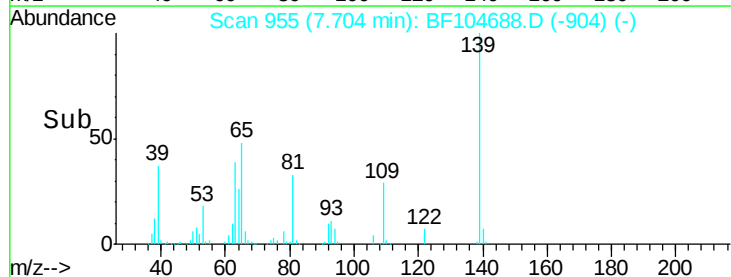
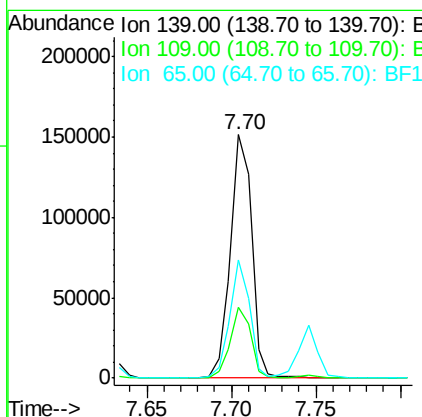
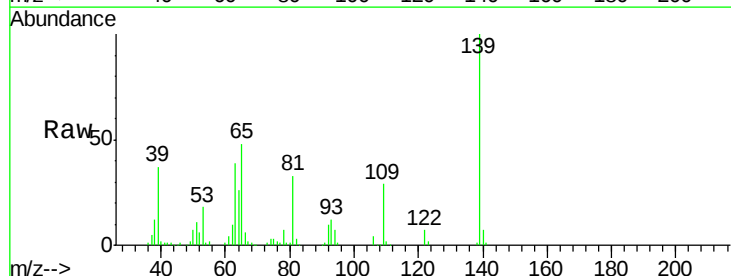
Instrument :
BNA_F
ClientSampleId :
PB108449BSD

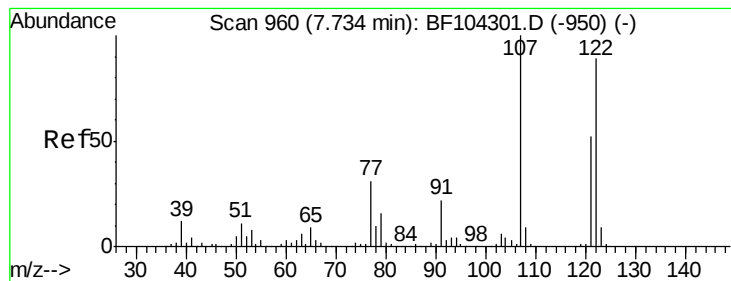
Tot Ion: 82 Resp: 601078
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 17.9 14.9 22.3



#26
2-Nitrophenol
Concen: 40.959 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Tgt Ion: 139 Resp: 132859
Ion Ratio Lower Upper
139 100
109 29.3 22.7 34.1
65 48.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 43.183 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

PB108449BSD

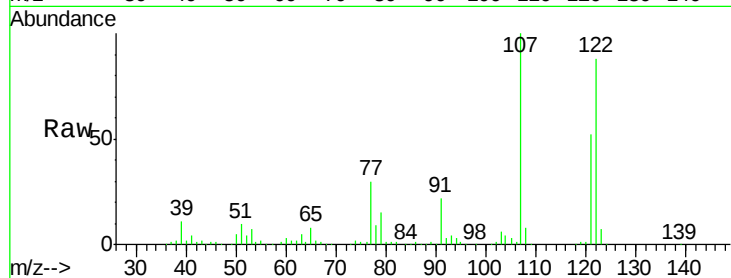
Tot Ion:122 Resp: 290845

Ion Ratio Lower Upper

122 100

107 113.9 91.2 136.8

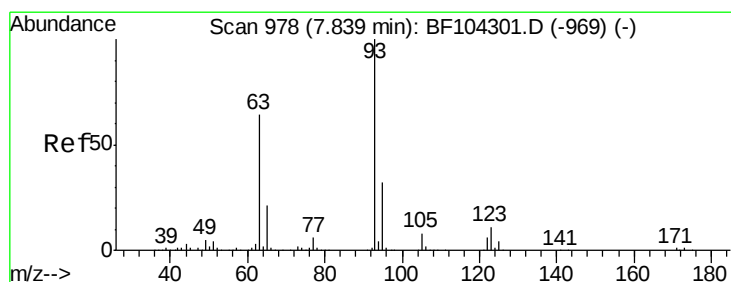
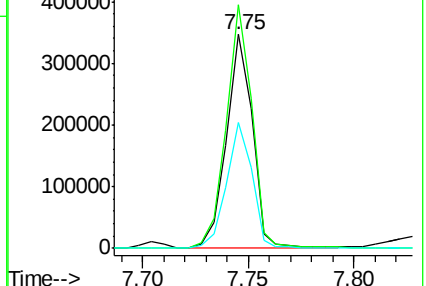
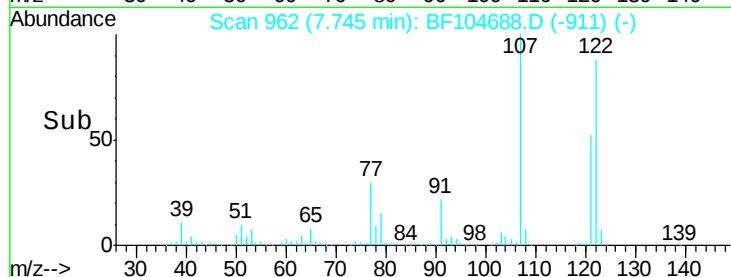
121 59.0 47.2 70.8



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: 42.030 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

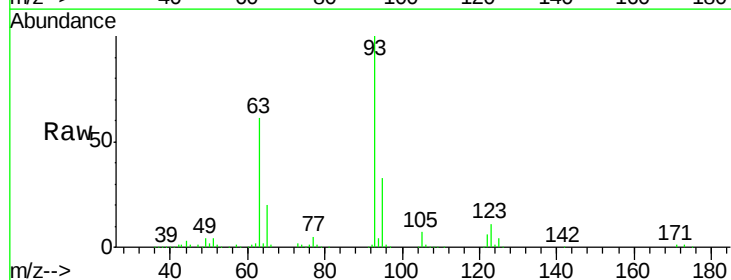
Tgt Ion: 93 Resp: 392172

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

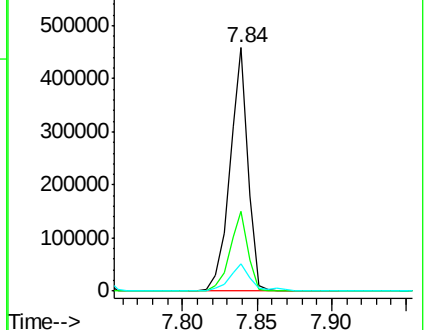
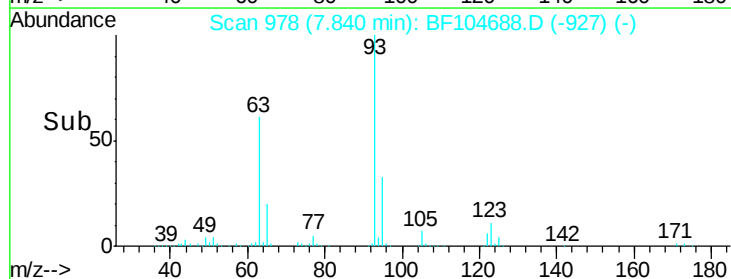
123 11.3 9.8 14.6

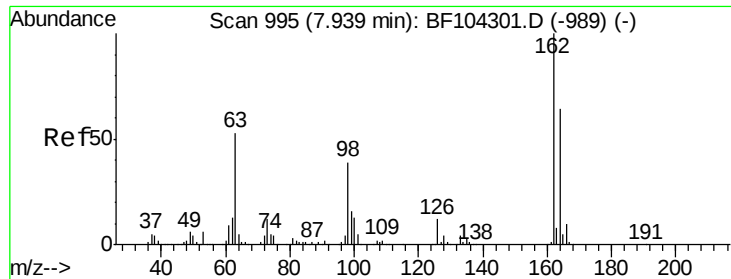


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.454 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

PB108449BSD

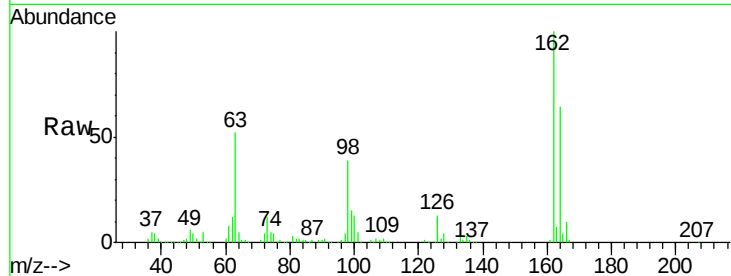
Tot Ion:162 Resp: 266394

Ion Ratio Lower Upper

162 100

164 64.0 42.7 82.7

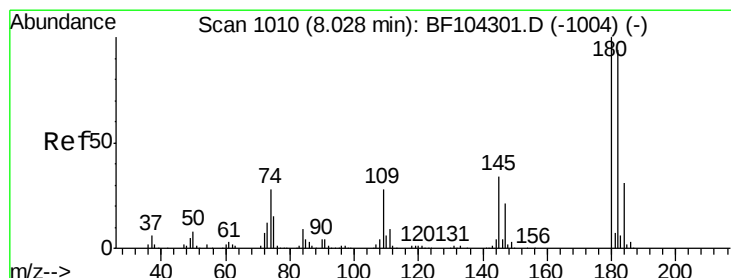
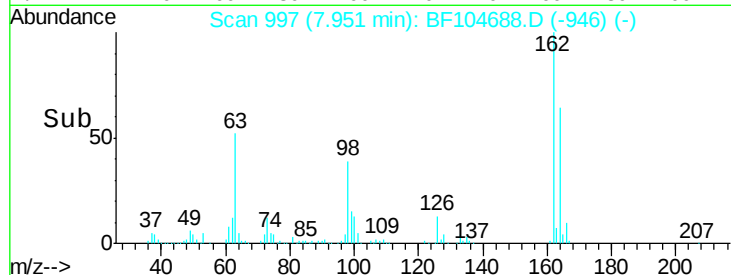
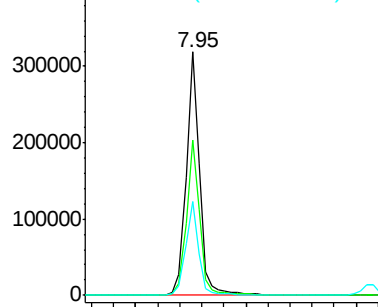
98 38.6 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.025 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

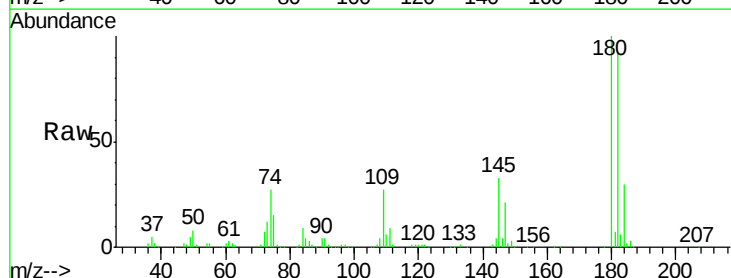
Tgt Ion:180 Resp: 275231

Ion Ratio Lower Upper

180 100

182 92.4 76.8 115.2

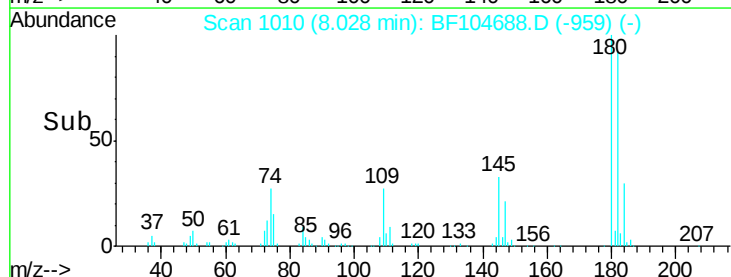
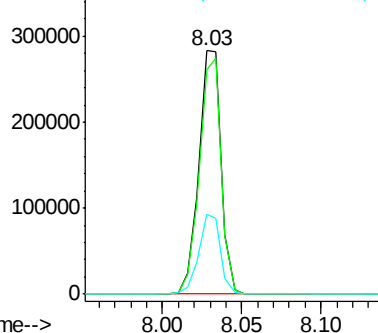
145 32.8 26.5 39.7

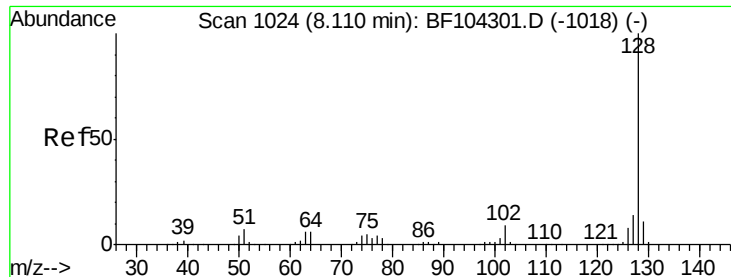


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

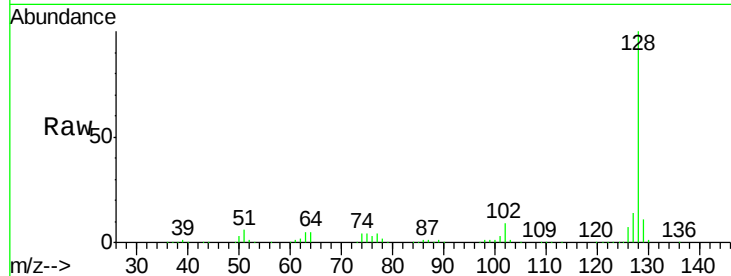




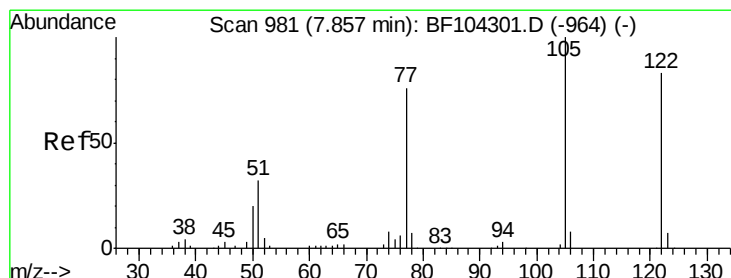
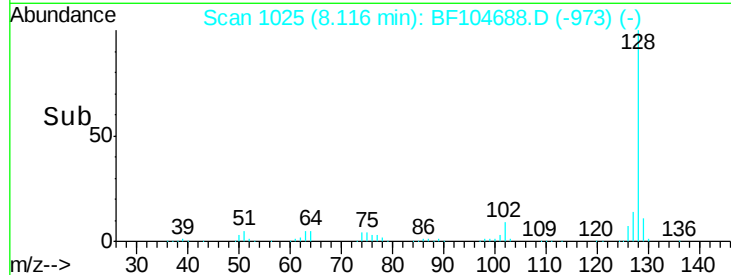
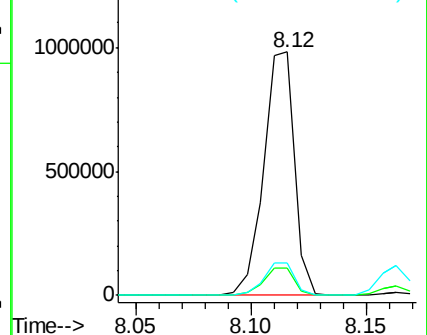
#31
Naphthalene
Concen: 39.057 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Instrument :
BNA_F
ClientSampleId :
PB108449BSD

Tot Ion:128 Resp: 916496
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.9 16.3

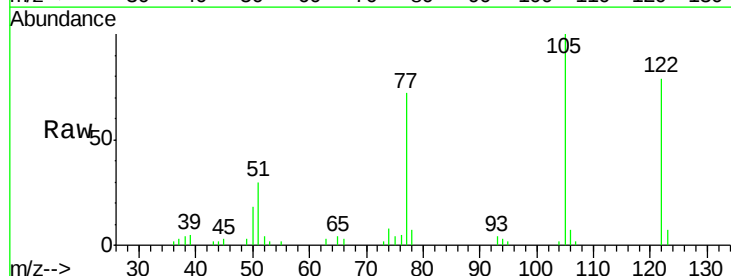


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

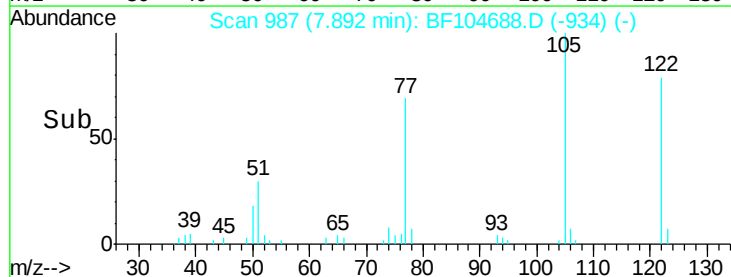
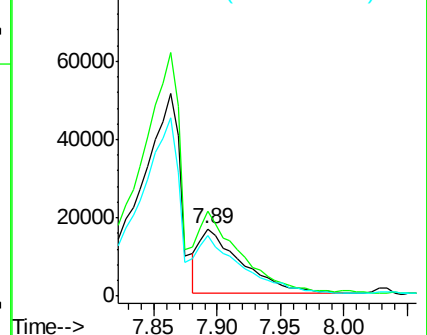


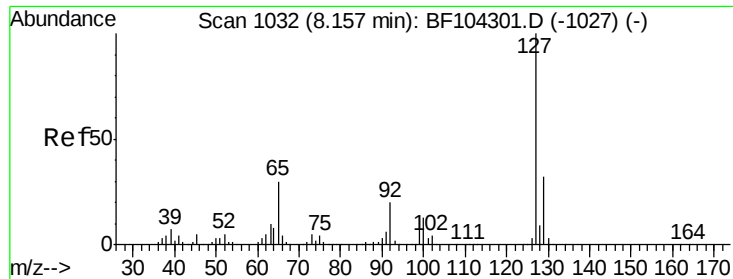
#32
Benzoic acid
Concen: 6.887 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Tgt Ion:122 Resp: 37009
Ion Ratio Lower Upper
122 100
105 126.1 101.1 141.1
77 90.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

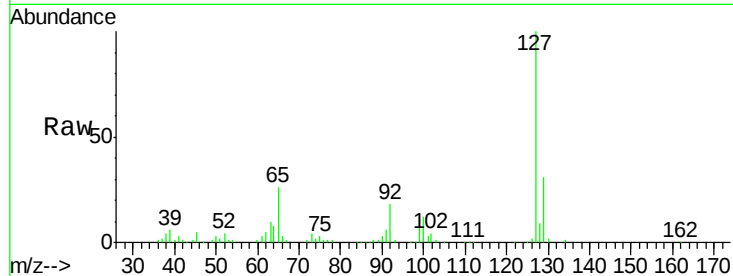




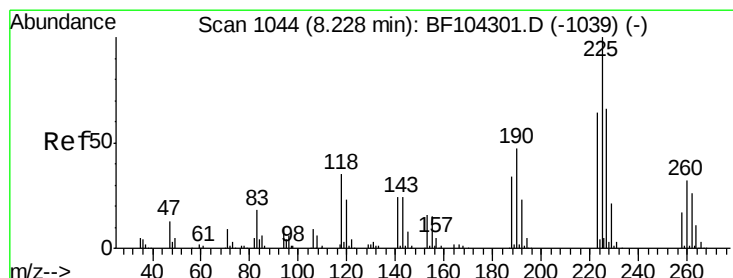
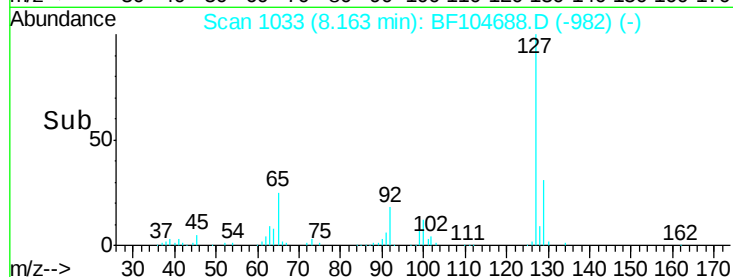
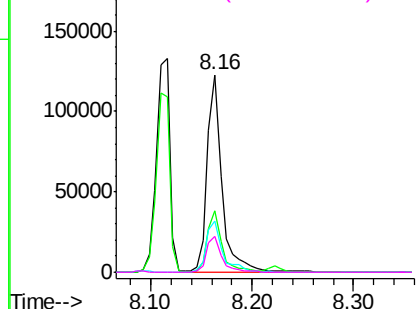
#33
4-Chloroaniline
Concen: 12.509 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Instrument :
BNA_F
ClientSampleId :
PB108449BSD

Tot Ion:	127	Resp:	125754
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	26.3	25.0	37.4
92	18.5	15.2	22.8

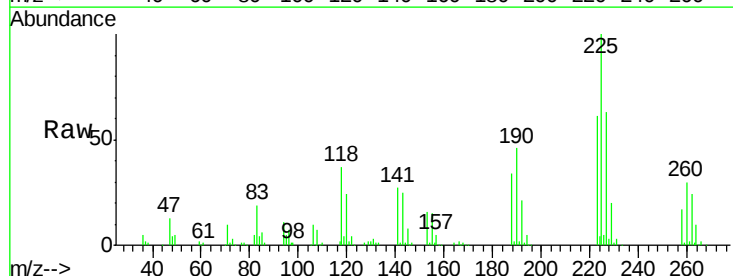


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

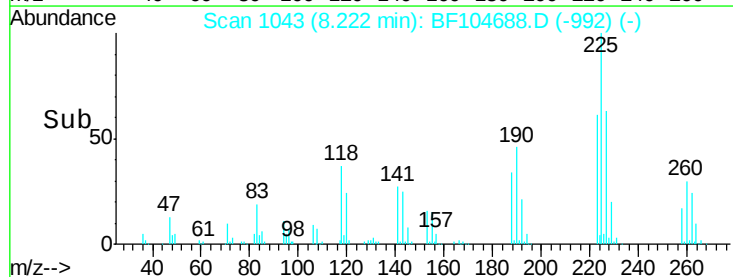
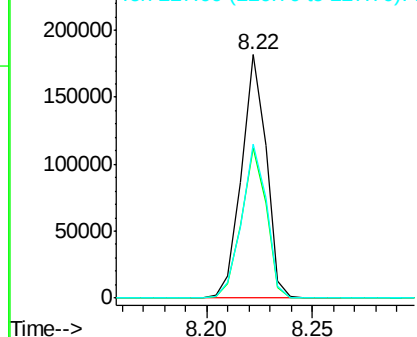


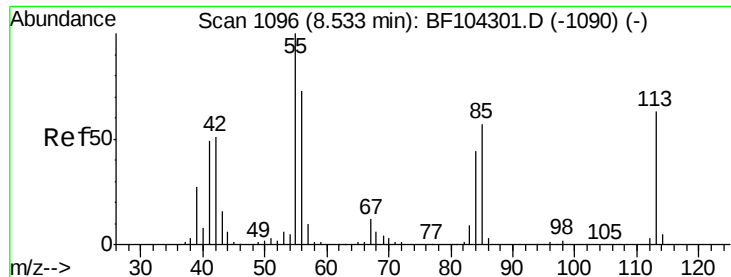
#34
Hexachlorobutadiene
Concen: 37.970 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Tgt Ion:	225	Resp:	146678
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	63.2	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: 39.007 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

PB108449BSD

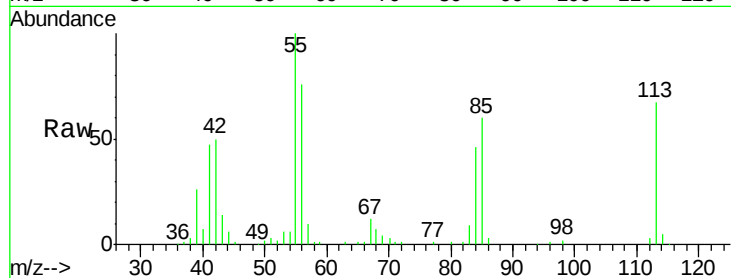
Tot Ion:113 Resp: 87446

Ion Ratio Lower Upper

113 100

55 148.6 163.3 203.3#

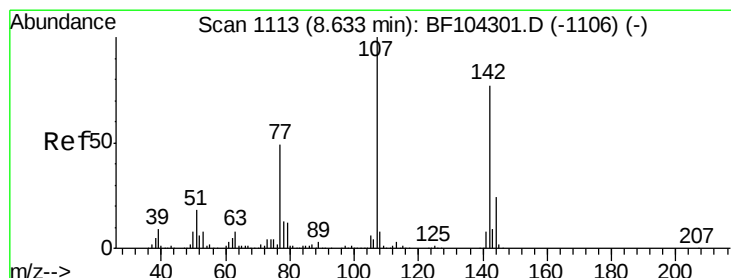
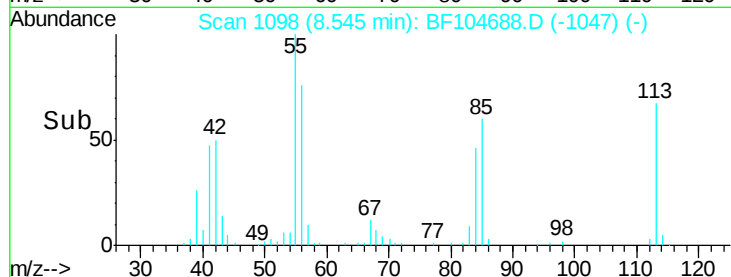
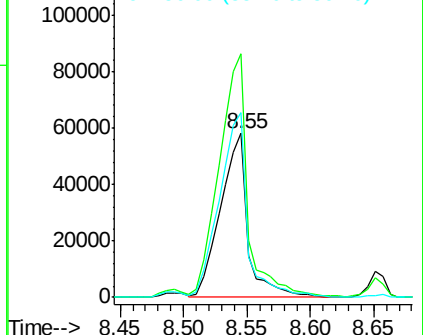
56 112.4 115.7 155.7#



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: 41.176 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

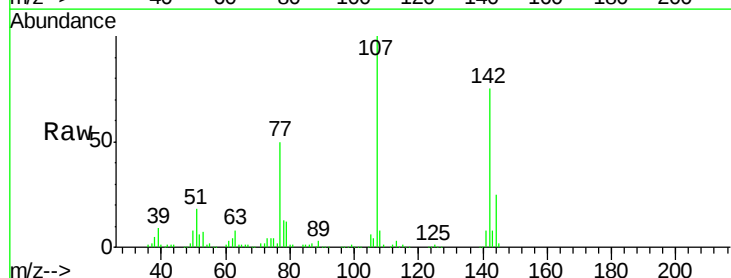
Tgt Ion:107 Resp: 283730

Ion Ratio Lower Upper

107 100

144 24.8 20.5 30.7

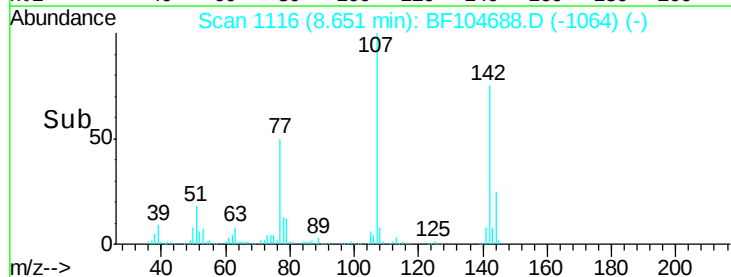
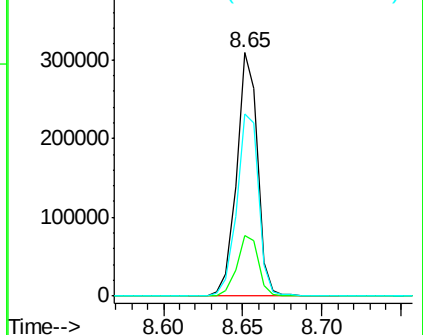
142 74.9 62.0 93.0

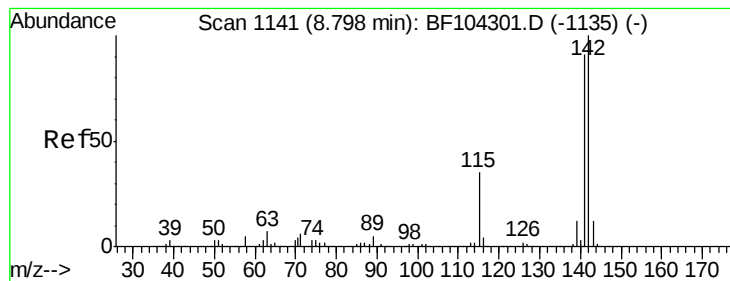


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

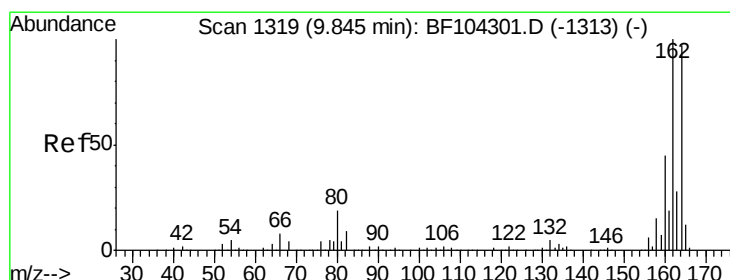
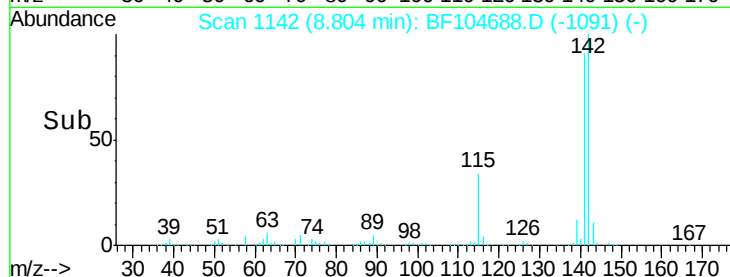
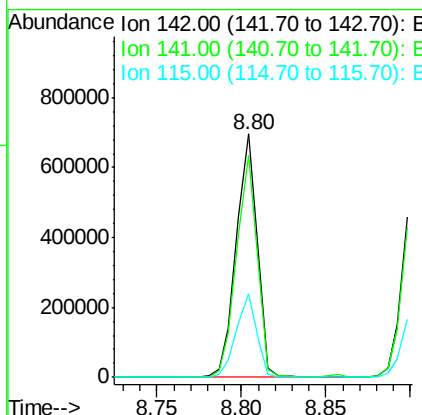
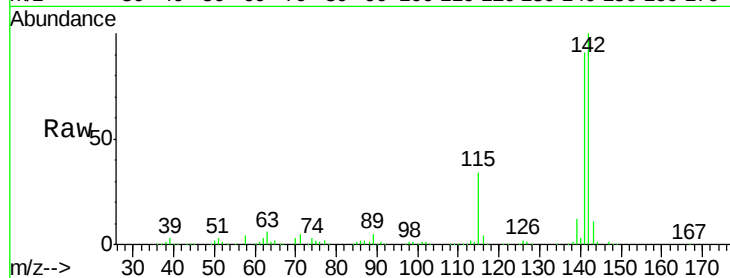




#37
 2-Methylnaphthalene
 Concen: 39.507 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

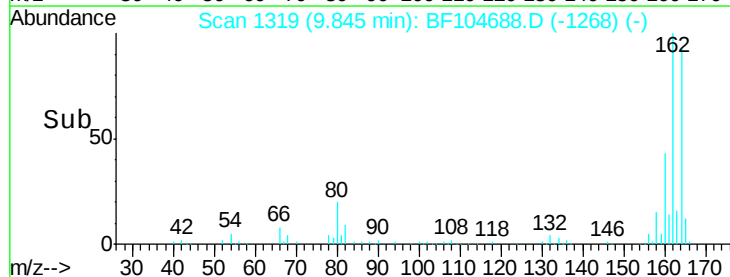
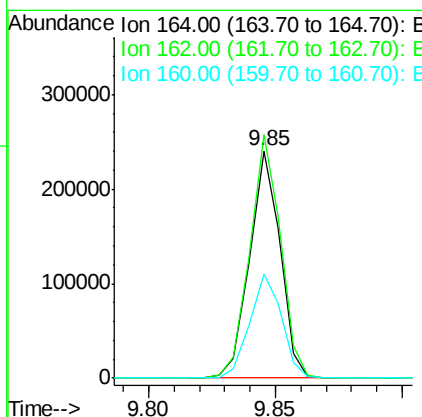
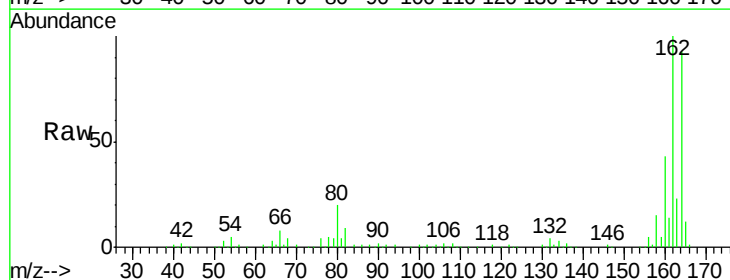
Instrument :
 BNA_F
 ClientSampleId :
 PB108449BSD

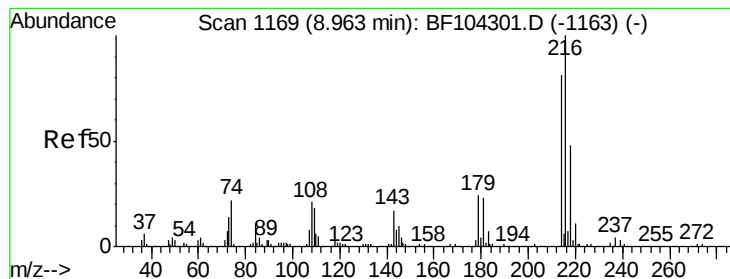
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.8	106.2
115	34.3	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	86.1	129.1
160	45.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.224 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

PB108449BSD

Tot Ion:216 Resp: 254371

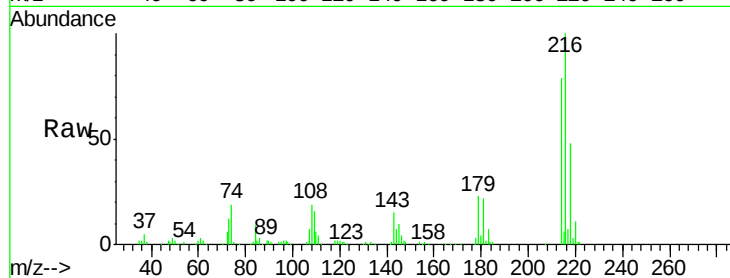
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 22.6 18.1 27.1

108 19.1 17.2 25.8

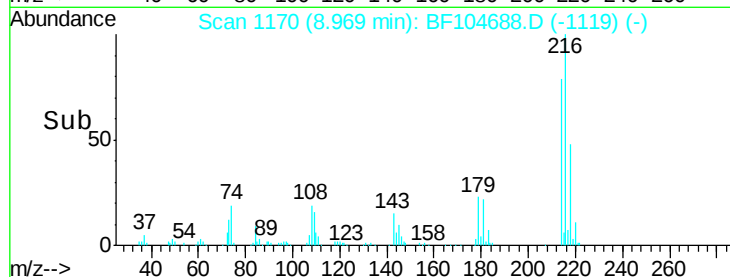


Abundance Ion 216.00 (215.70 to 216.70): E

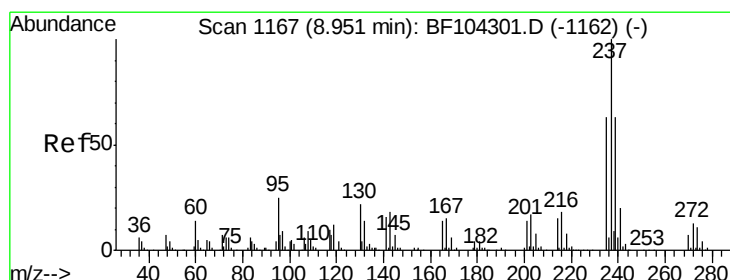
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.90 8.95 8.97 9.00



#40

Hexachlorocyclopentadiene

Concen: 15.153 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

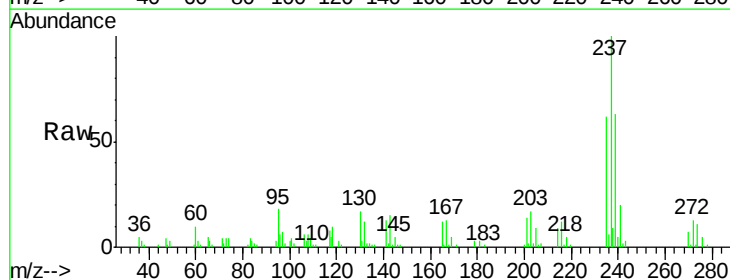
Tgt Ion:237 Resp: 48793

Ion Ratio Lower Upper

237 100

235 62.3 44.8 84.8

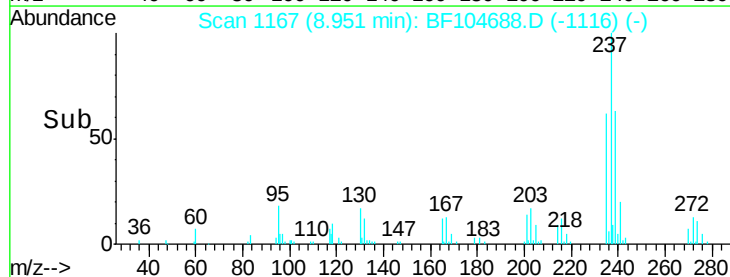
272 13.0 0.0 33.3



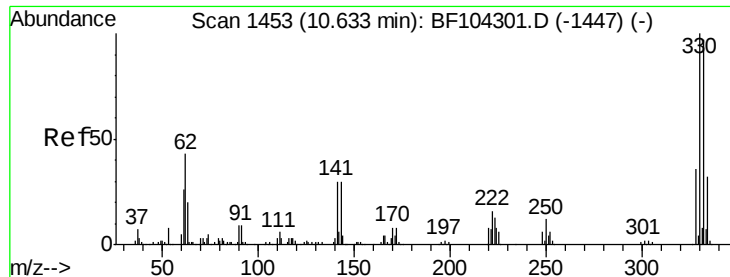
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



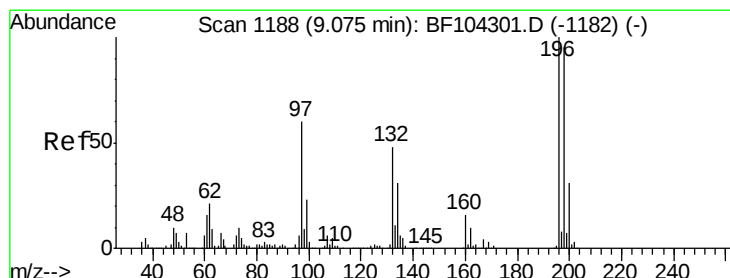
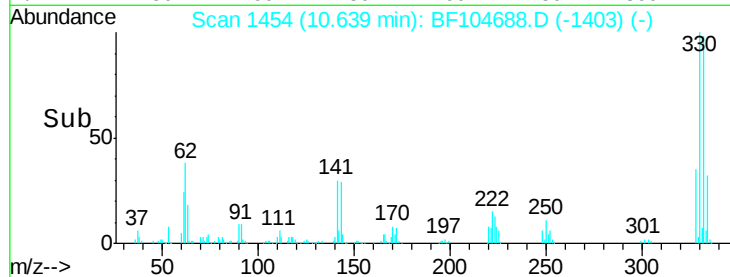
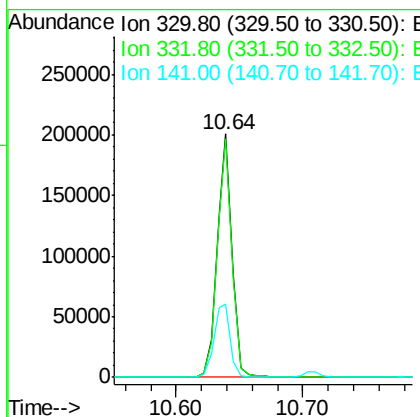
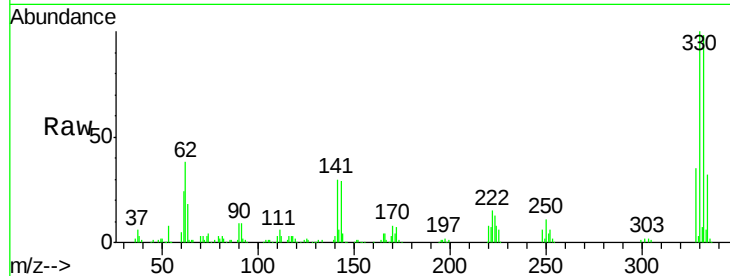
Time--> 8.90 8.92 8.94 8.96 8.98



#41
 2,4,6-Tribromophenol
 Concen: 79.403 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

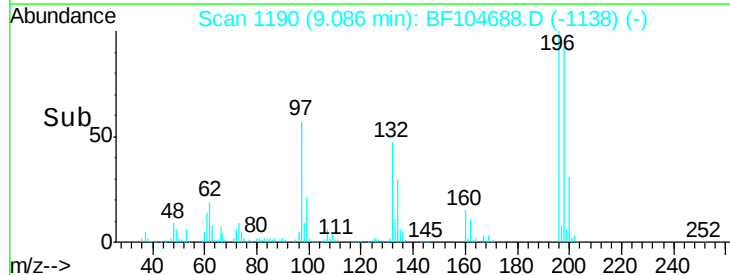
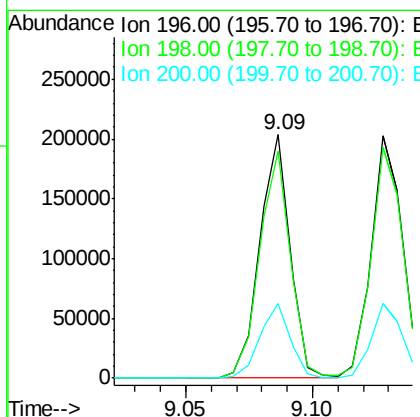
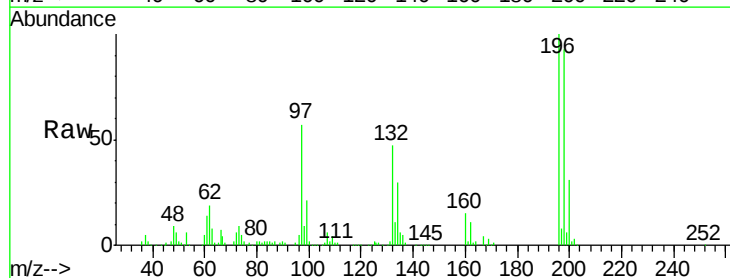
Instrument :
 BNA_F
 ClientSampleId :
 PB108449BSD

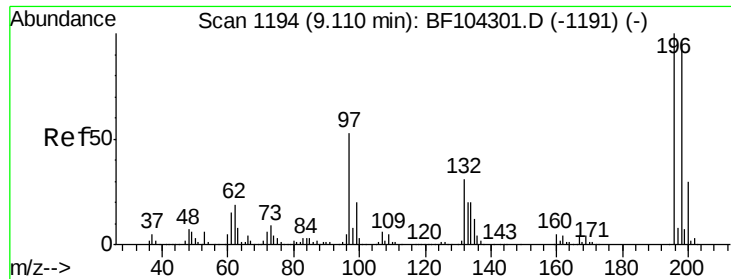
Tot Ion:330 Resp: 165504
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 33.3 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 42.888 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

Tgt Ion:196 Resp: 171247
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.7 113.5
 200 30.6 24.5 36.7

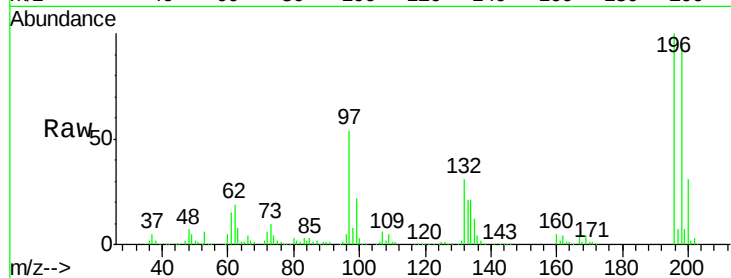




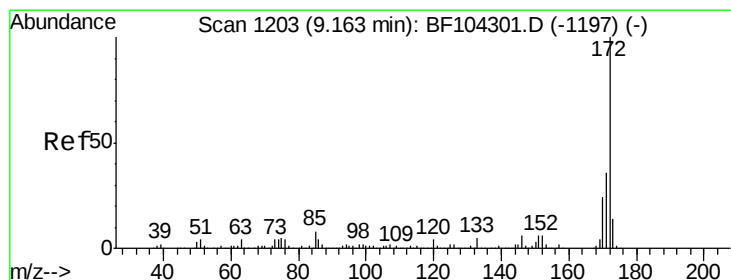
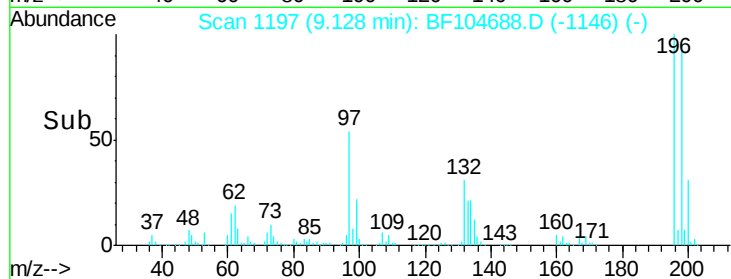
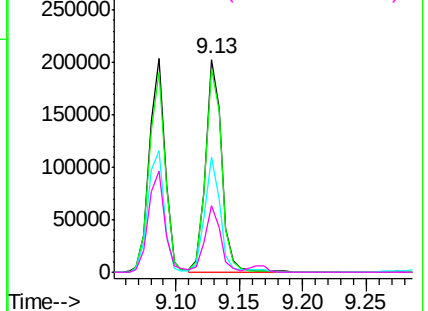
#43
 2,4,5-Trichlorophenol
 Concen: 40.287 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BSD

Tot Ion:196 Resp: 180009
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.6 112.0
 97 54.2 42.9 64.3
 132 31.2 26.3 39.5

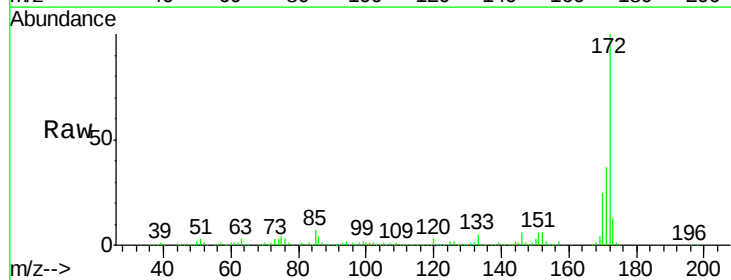


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

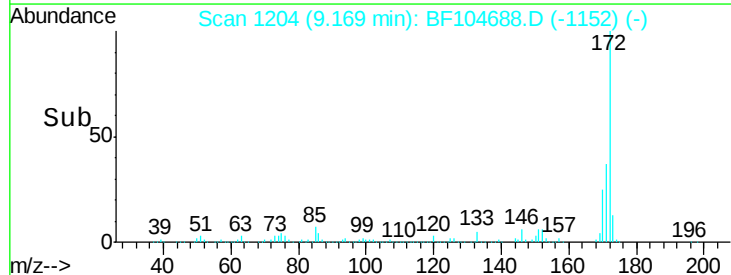
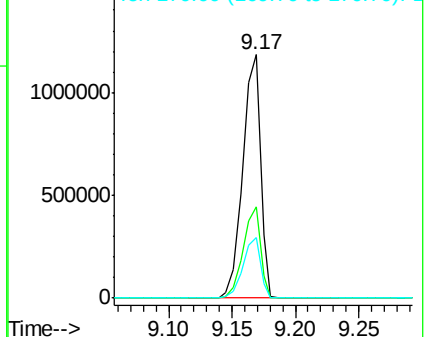


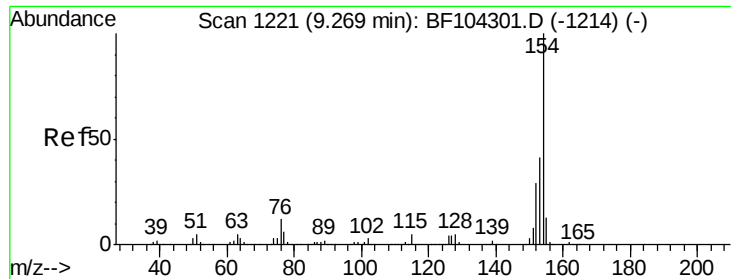
#44
 2-Fluorobiphenyl
 Concen: 89.703 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

Tgt Ion:172 Resp: 1140957
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 24.6 19.6 29.4



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

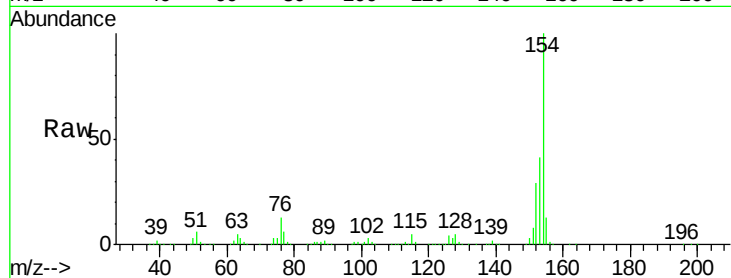




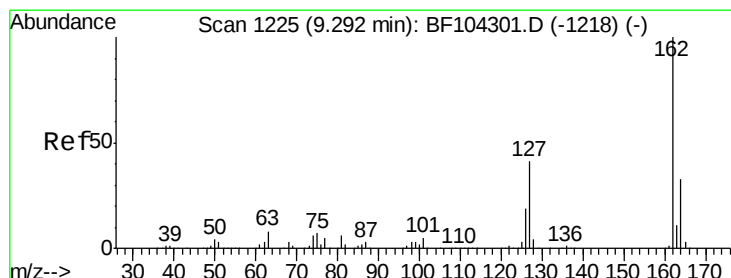
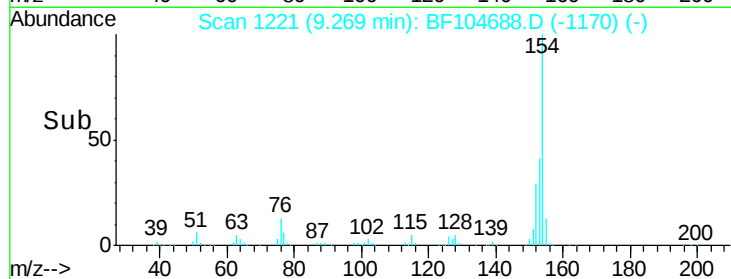
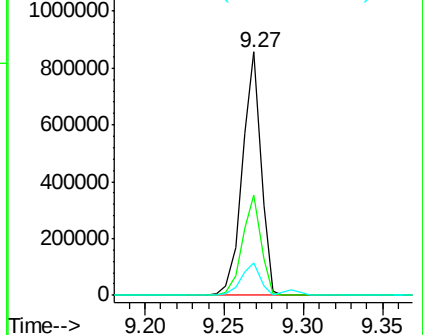
#45
 1,1'-Biphenyl
 Concen: 41.087 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BSD

Tot Ion:154 Resp: 693546
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.3 61.3
 76 13.1 0.0 34.0

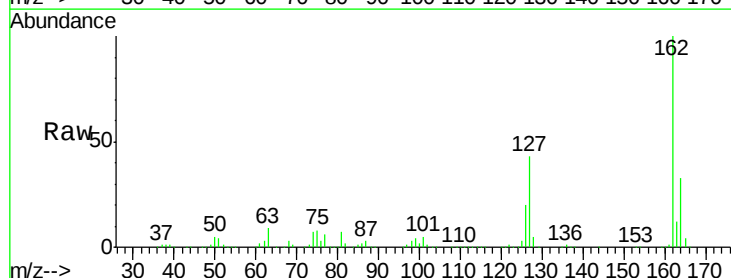


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

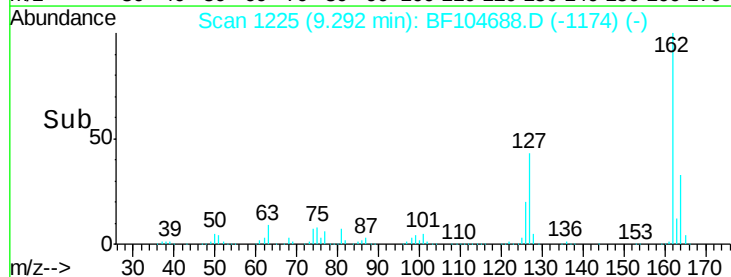
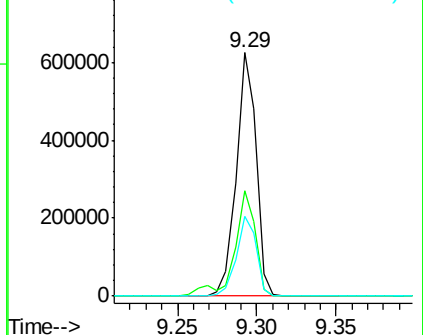


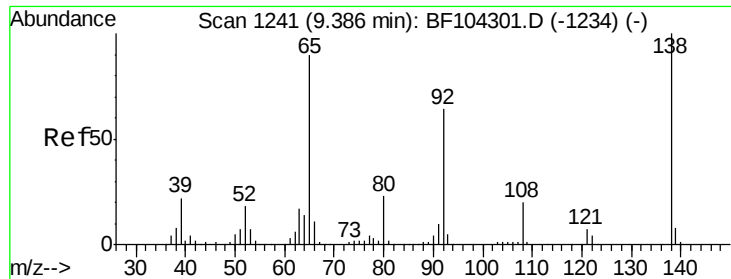
#46
 2-Chloronaphthalene
 Concen: 40.570 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

Tgt Ion:162 Resp: 540916
 Ion Ratio Lower Upper
 162 100
 127 43.4 33.9 50.9
 164 33.0 26.5 39.7



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

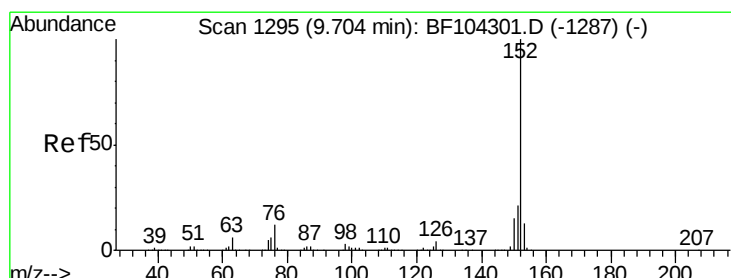
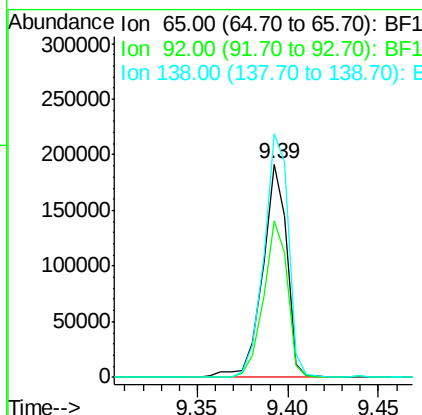
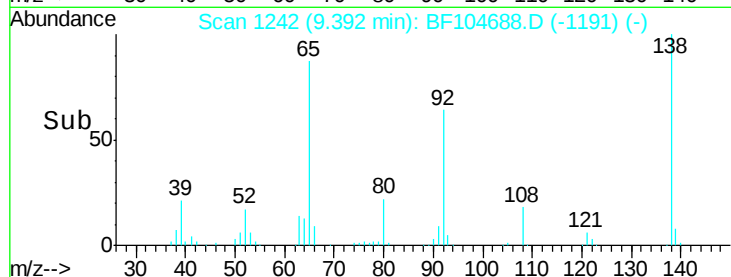
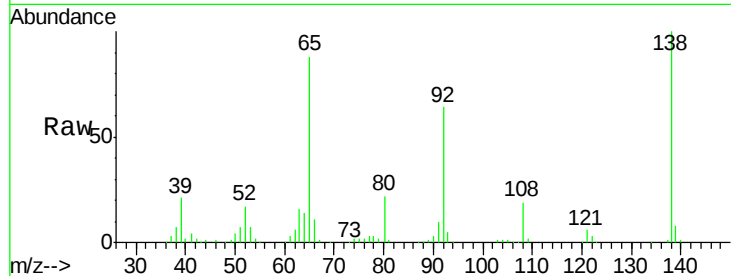




#47
 2-Nitroaniline
 Concen: 53.988 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

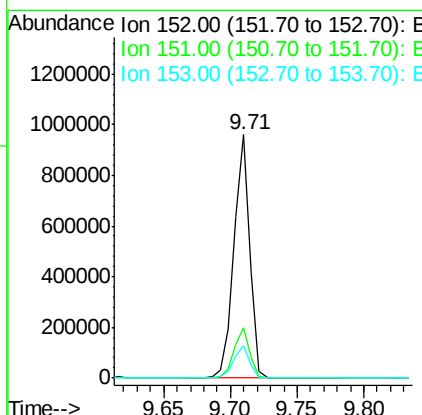
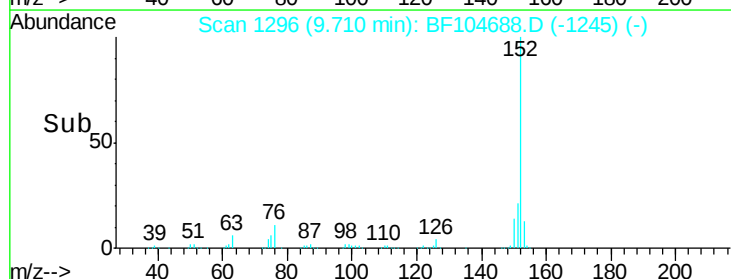
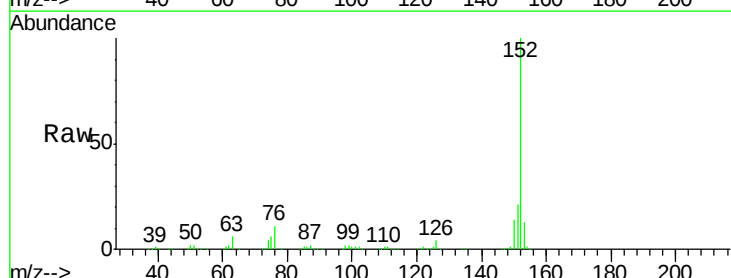
Instrument :
 BNA_F
 ClientSampleId :
 PB108449BSD

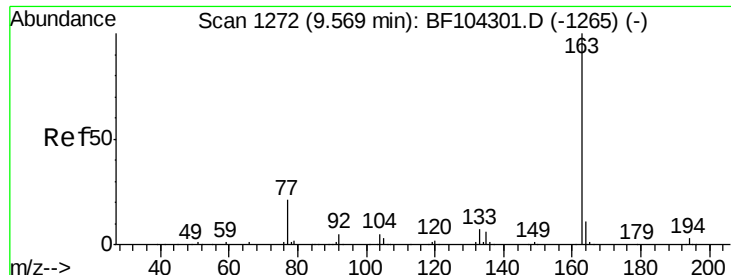
Tot Ion: 65 Resp: 178012
 Ion Ratio Lower Upper
 65 100
 92 73.4 55.8 83.6
 138 114.2 91.2 136.8



#48
 Acenaphthylene
 Concen: 38.491 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

Tgt Ion:152 Resp: 805193
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.3 10.7 16.1

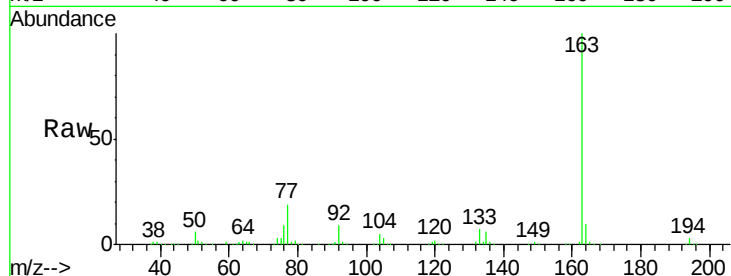




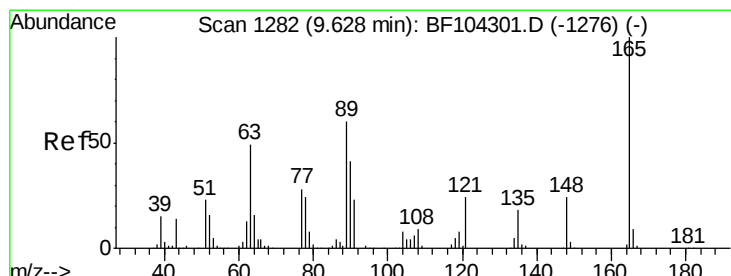
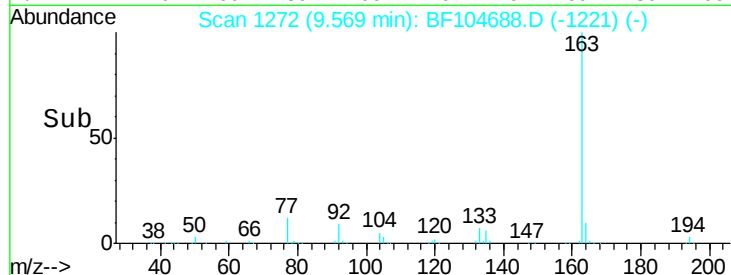
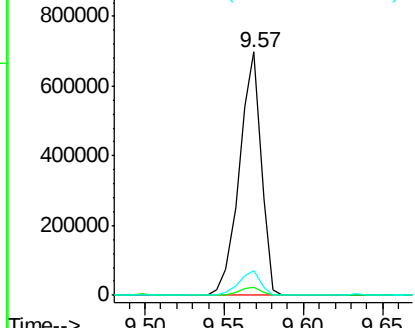
#49
Dimethylphthalate
Concen: 41.981 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Instrument :
BNA_F
ClientSampleId :
PB108449BSD

Tot Ion:163 Resp: 665199
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.9 8.2 12.2

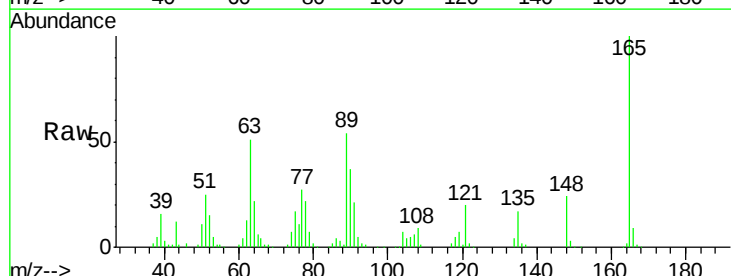


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

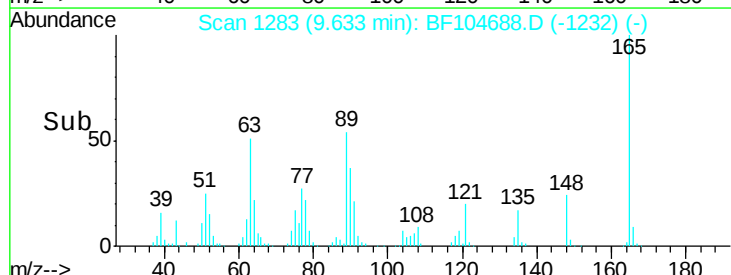
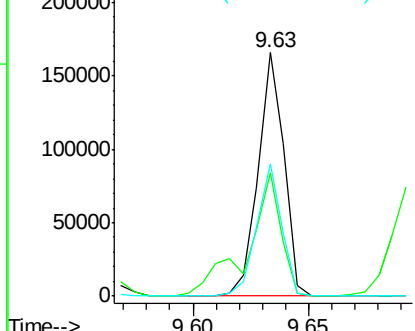


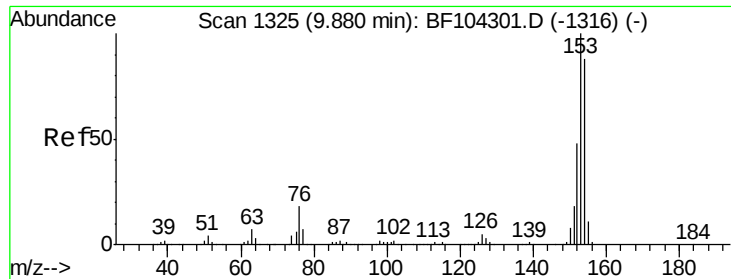
#50
2,6-Dinitrotoluene
Concen: 44.245 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Tgt Ion:165 Resp: 129725
Ion Ratio Lower Upper
165 100
63 50.8 44.7 67.1
89 54.4 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: 36.283 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

PB108449BSD

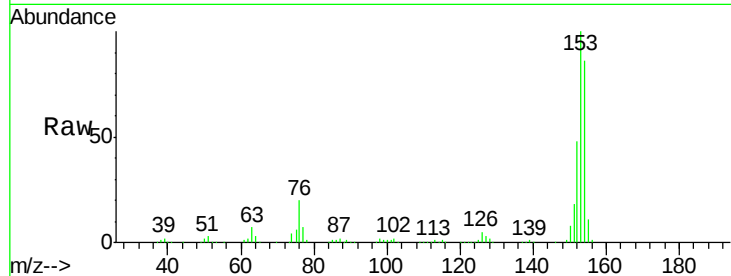
Tot Ion:154 Resp: 463093

Ion Ratio Lower Upper

154 100

153 115.8 91.2 136.8

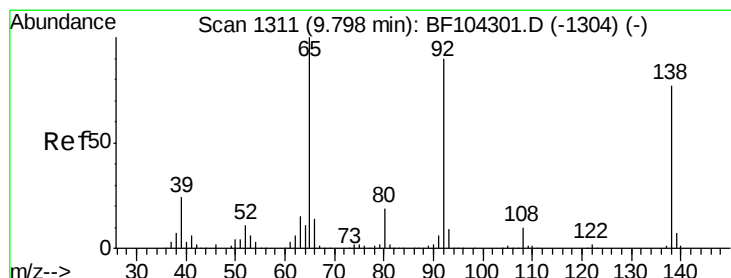
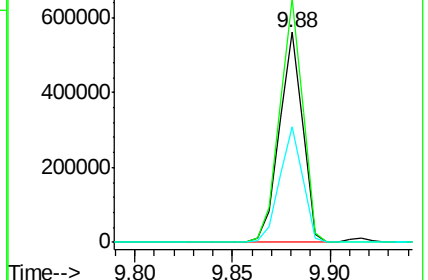
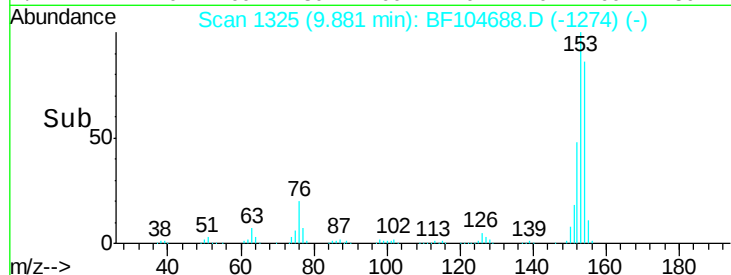
152 55.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.722 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

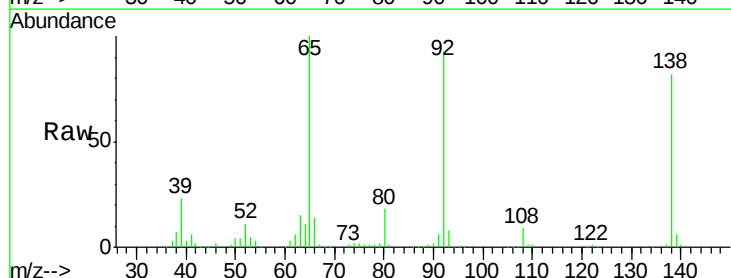
Tgt Ion:138 Resp: 146644

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

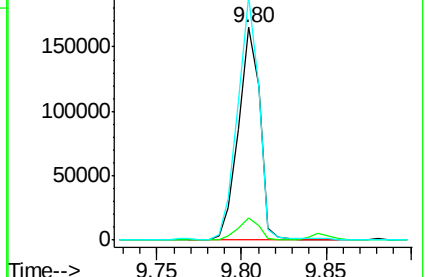
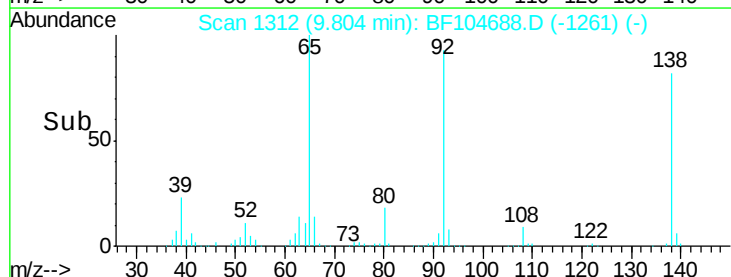
92 114.4 89.4 134.2

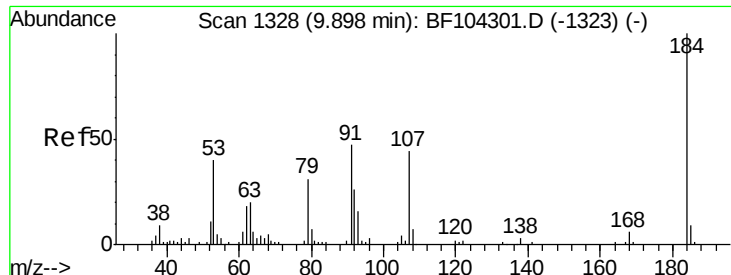


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

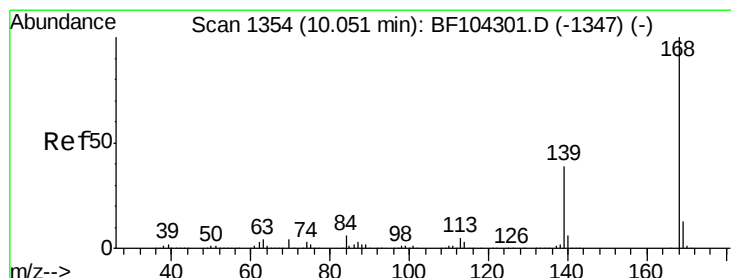
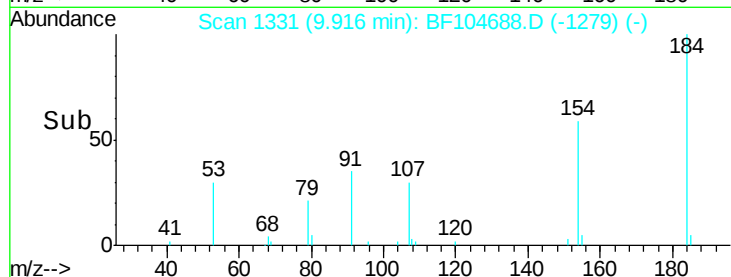
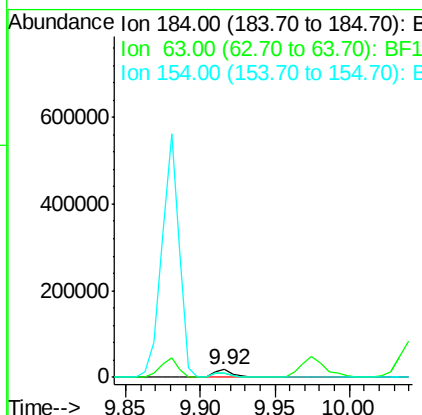
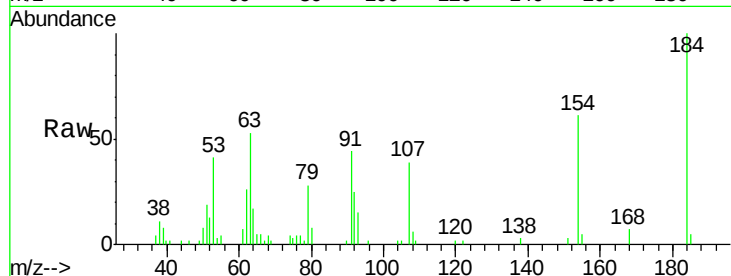




#53
 2,4-Dinitrophenol
 Concen: 24.565 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

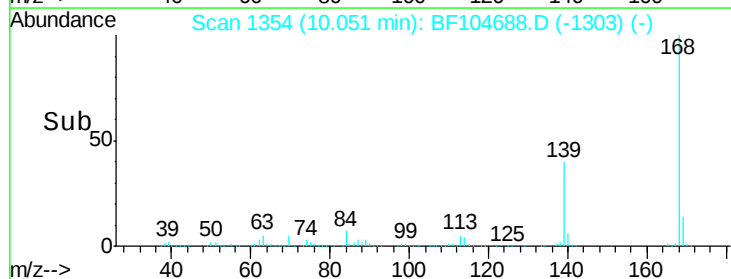
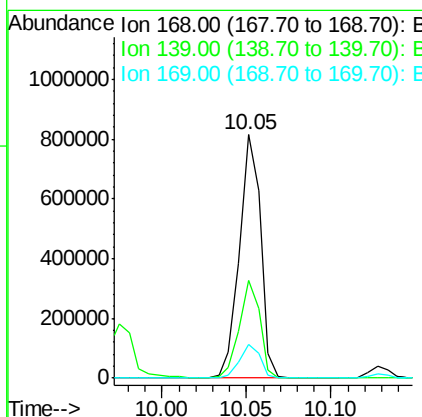
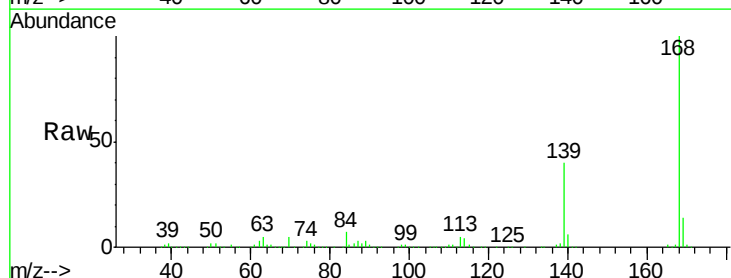
Instrument :
 BNA_F
 ClientSampleId :
 PB108449BSD

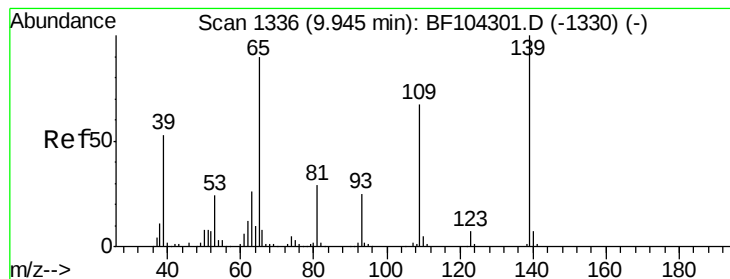
Tot Ion:184 Resp: 17961
 Ion Ratio Lower Upper
 184 100
 63 52.6 54.2 81.2#
 154 61.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 39.897 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

Tgt Ion:168 Resp: 709644
 Ion Ratio Lower Upper
 168 100
 139 40.2 30.1 45.1
 169 13.6 10.9 16.3





#55

4-Nitrophenol

Concen: 72.226 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

PB108449BSD

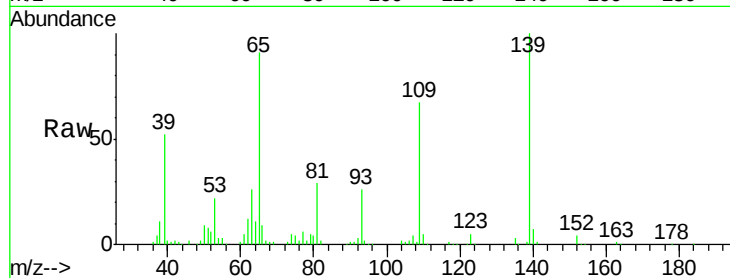
Tot Ion:139 Resp: 194744

Ion Ratio Lower Upper

139 100

109 67.4 48.4 88.4

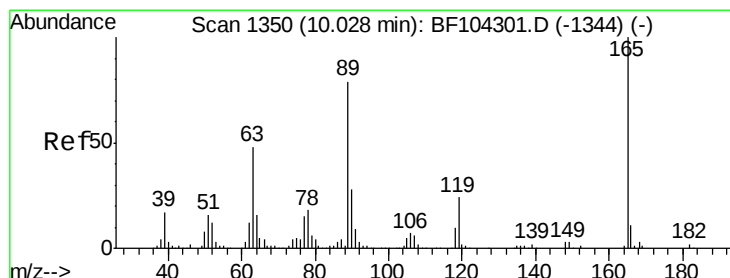
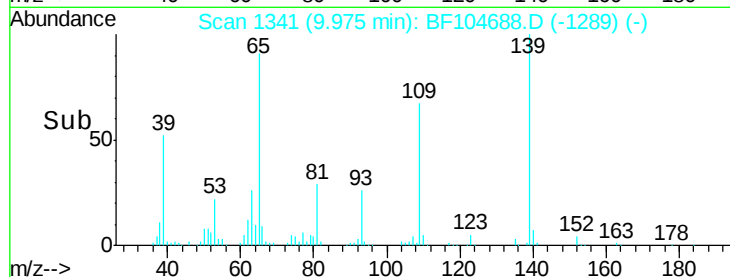
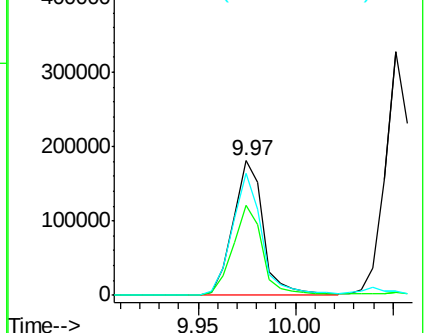
65 90.7 72.6 112.6



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



#56

2,4-Dinitrotoluene

Concen: 40.688 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Tgt Ion:165 Resp: 156483

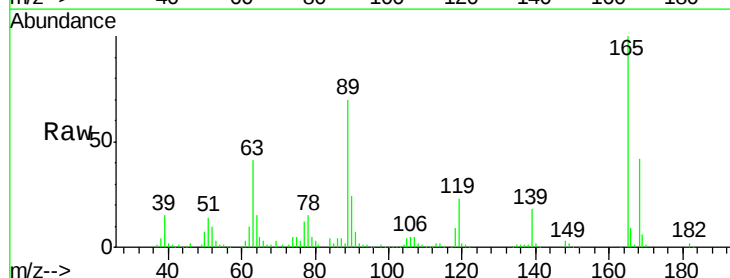
Ion Ratio Lower Upper

165 100

63 41.3 36.4 54.6

89 69.9 57.8 86.6

182 2.1 1.6 2.4

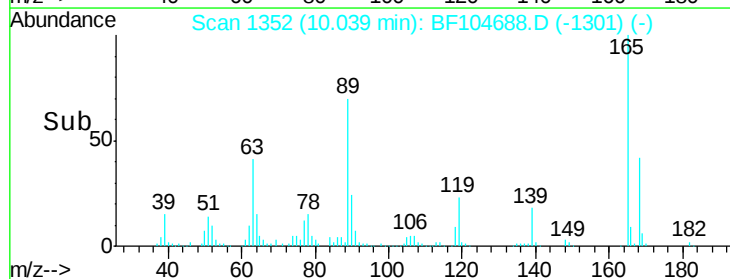
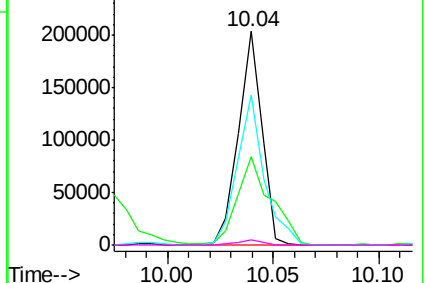


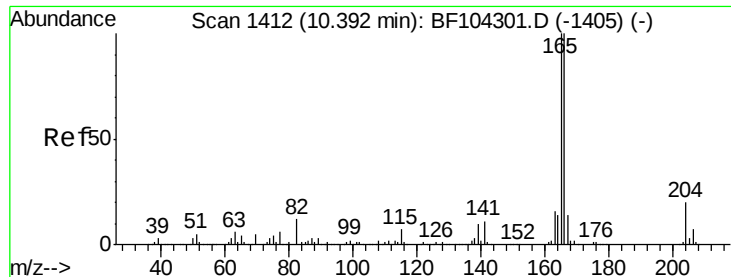
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

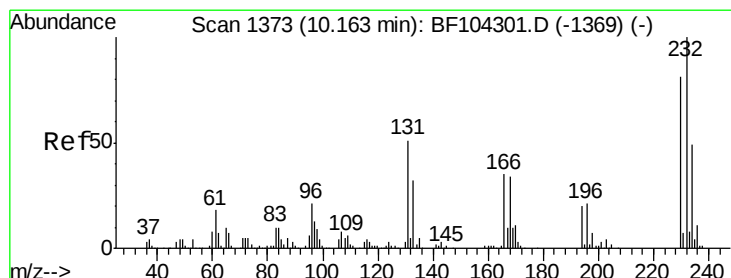
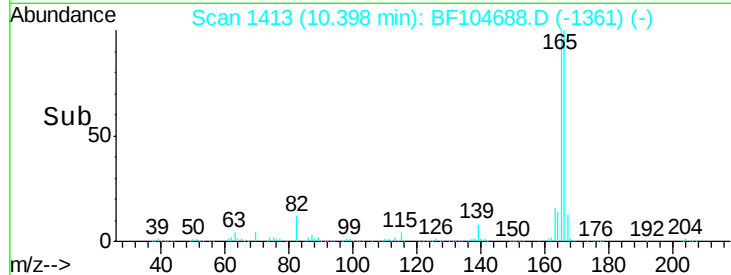
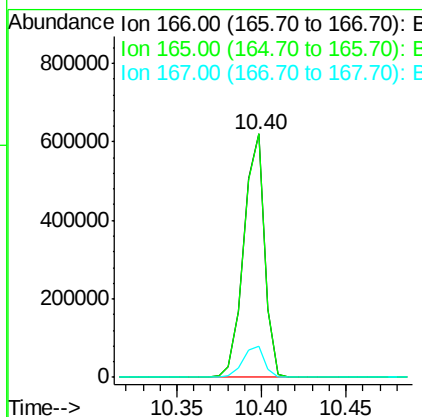
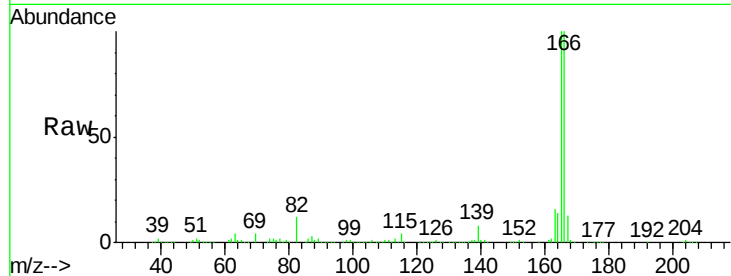




#57
 Fluorene
 Concen: 41.264 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

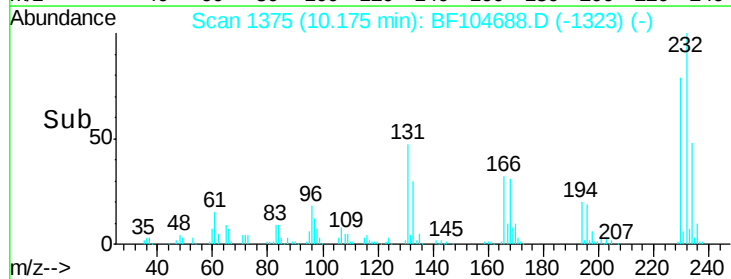
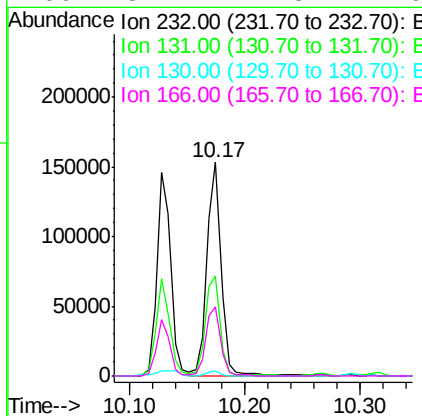
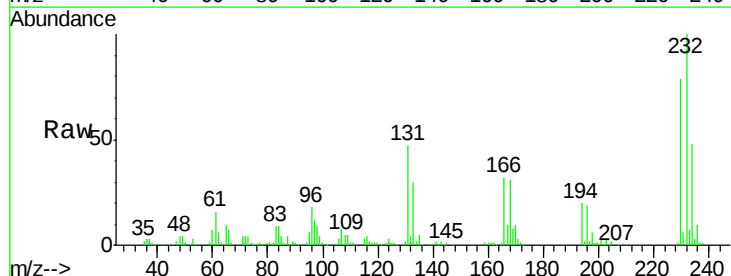
Instrument :
 BNA_F
 ClientSampleId :
 PB108449BSD

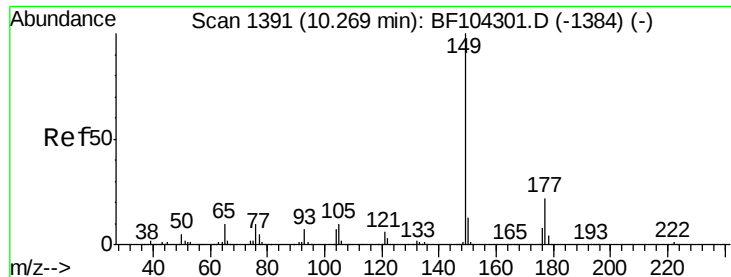
Tot Ion:166 Resp: 534233
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.8 119.8
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.532 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.01 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

Tgt Ion:232 Resp: 131776
 Ion Ratio Lower Upper
 232 100
 131 49.0 43.8 65.8
 130 2.5 2.1 3.1
 166 34.2 27.8 41.6

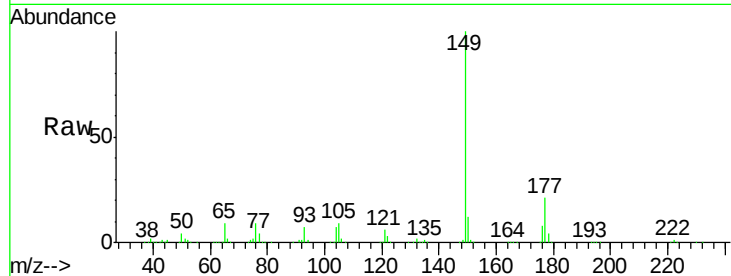




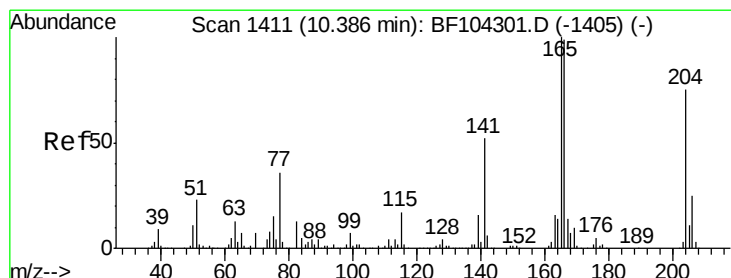
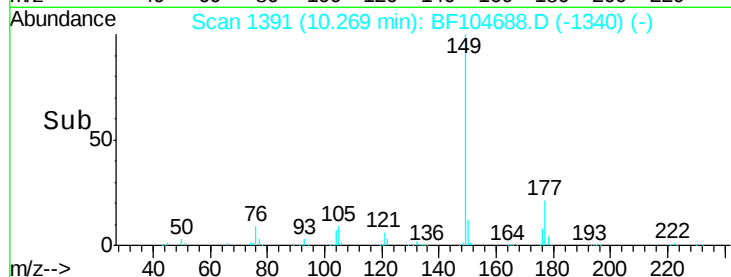
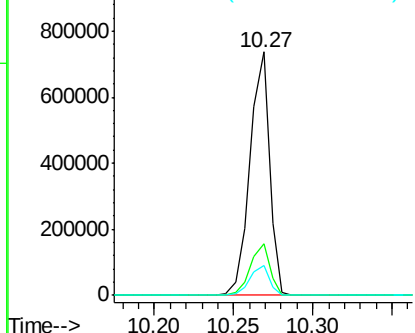
#59
Diethylphthalate
Concen: 39.996 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Instrument :
BNA_F
ClientSampleId :
PB108449BSD

Tot Ion:149 Resp: 631169
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.0 10.1 15.1

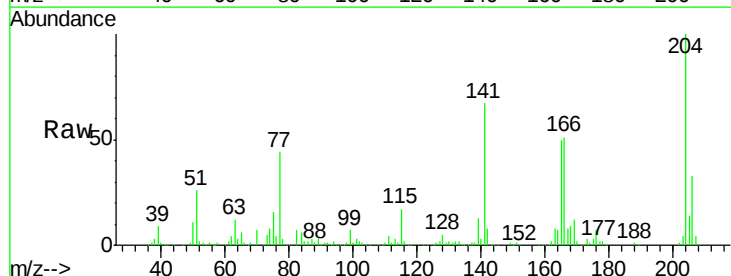


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

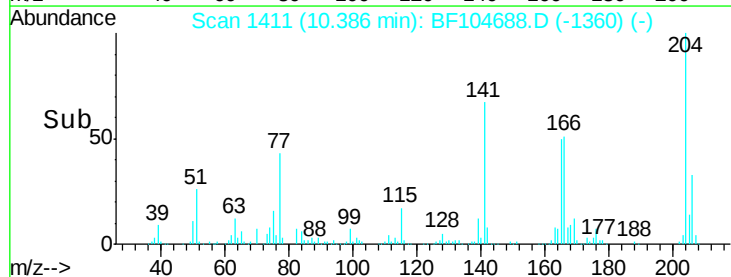
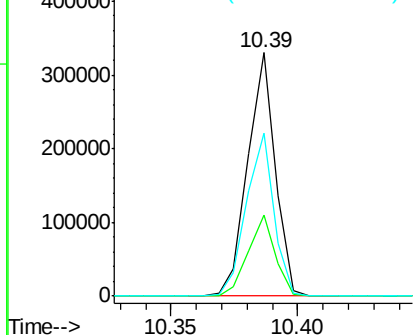


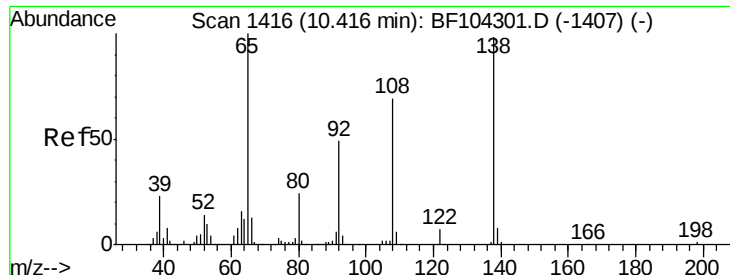
#60
4-Chlorophenyl-phenylether
Concen: 43.375 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Tgt Ion:204 Resp: 250093
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 66.7 54.6 81.8



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

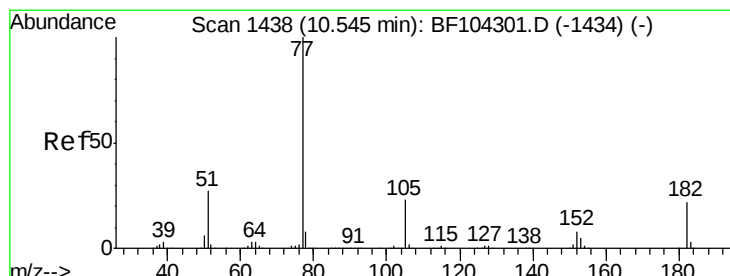
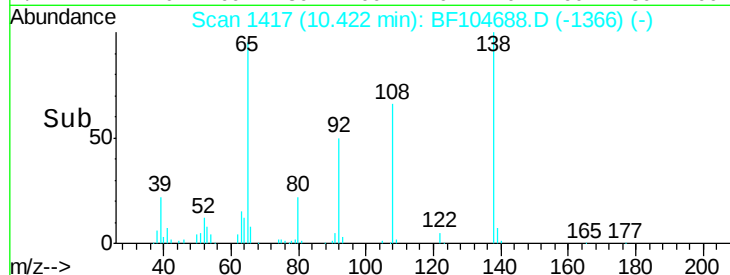
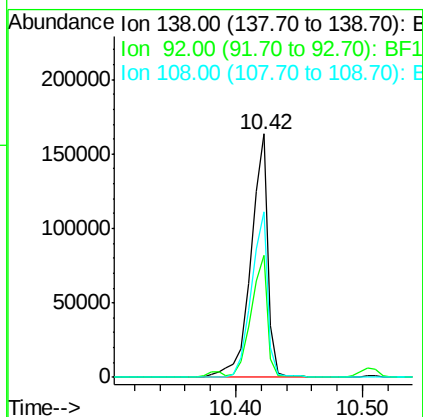
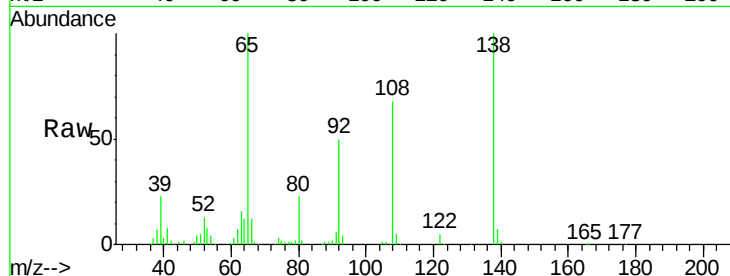




#61
4-Nitroaniline
Concen: 45.676 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

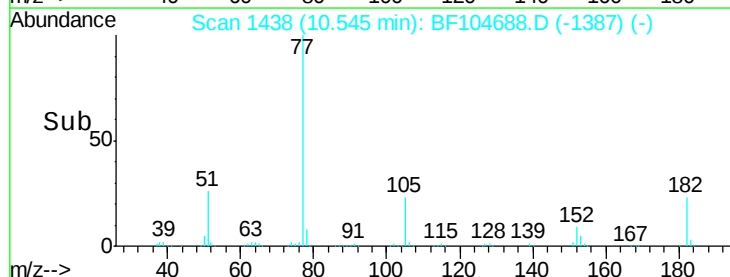
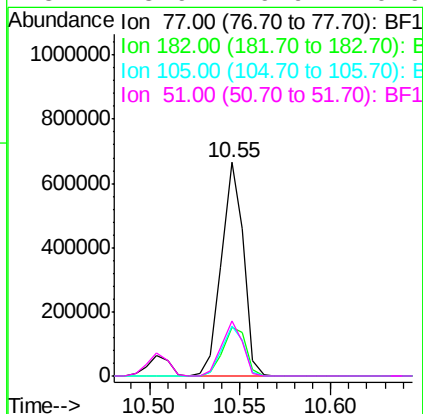
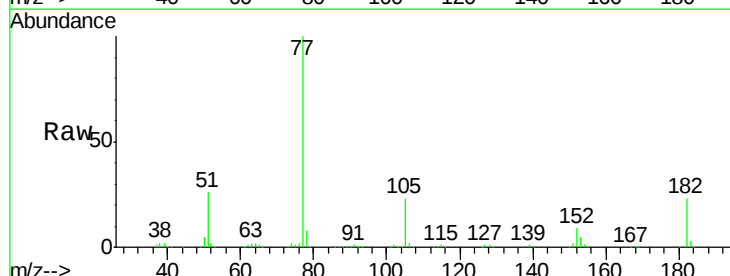
Instrument :
BNA_F
ClientSampleId :
PB108449BSD

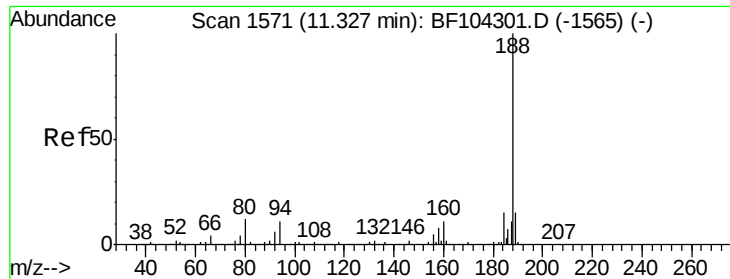
Tot Ion:138 Resp: 153298
Ion Ratio Lower Upper
138 100
92 50.0 30.2 70.2
108 67.9 52.5 92.5



#62
Azobenzene
Concen: 37.090 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Tgt Ion: 77 Resp: 559200
Ion Ratio Lower Upper
77 100
182 22.8 1.7 41.7
105 23.4 3.0 43.0
51 25.9 9.9 49.9

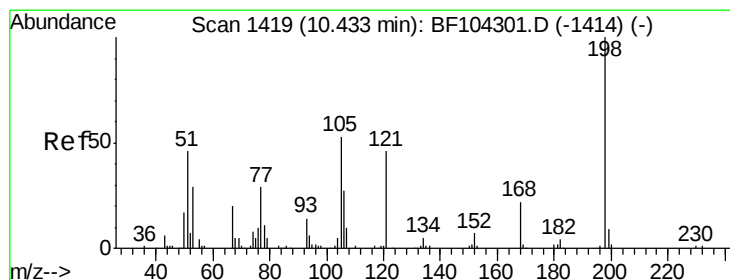
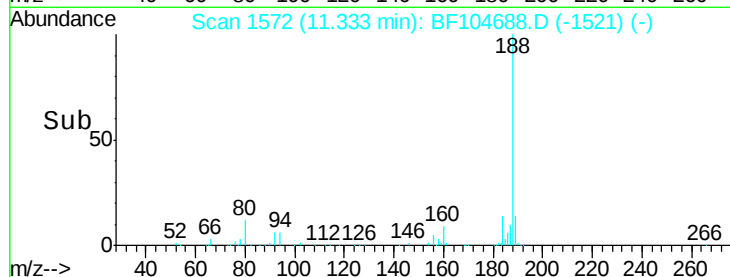
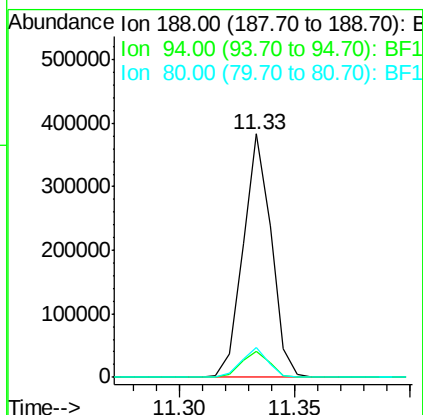
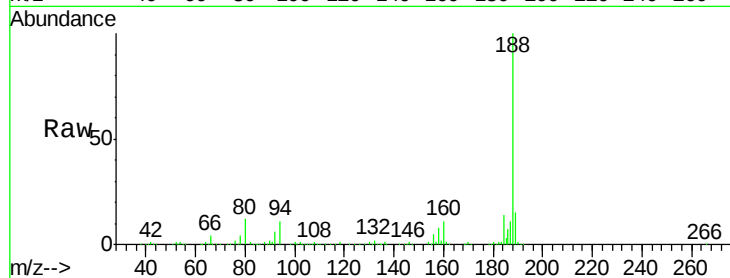




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

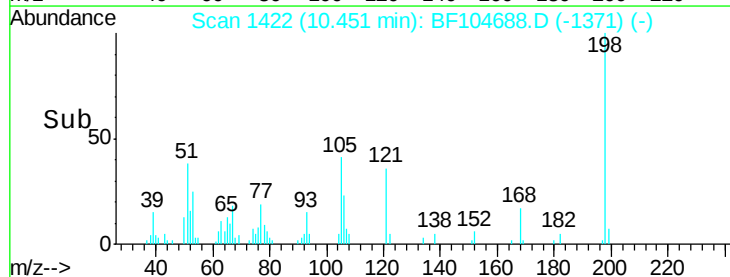
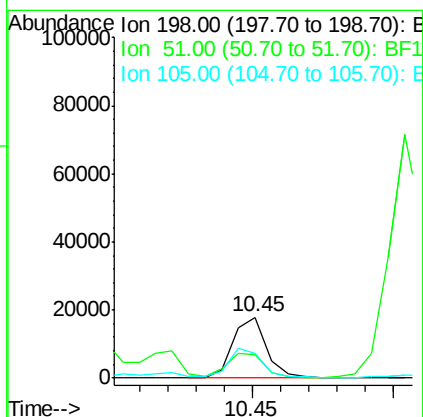
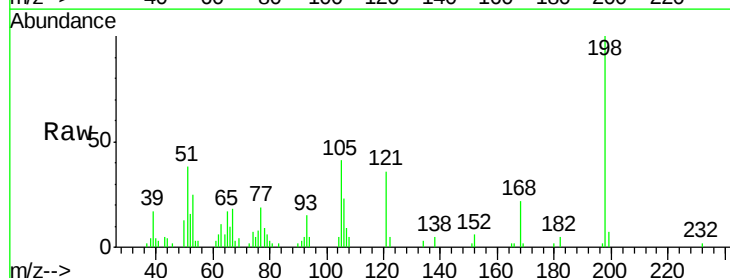
Instrument :
 BNA_F
 ClientSampleId :
 PB108449BSD

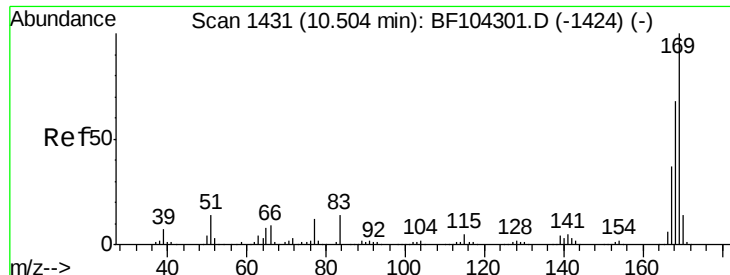
Tot Ion:188 Resp: 325699
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 12.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 15.211 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

Tgt Ion:198 Resp: 14728
 Ion Ratio Lower Upper
 198 100
 51 38.5 37.7 77.7
 105 40.6 36.3 76.3

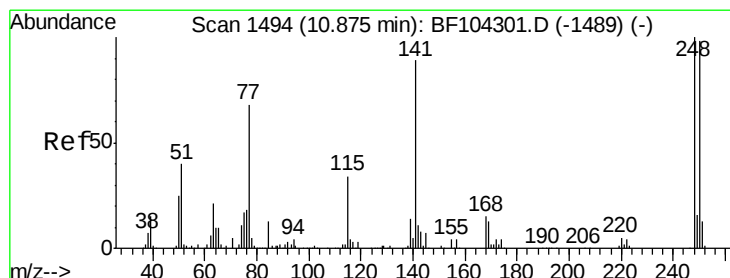
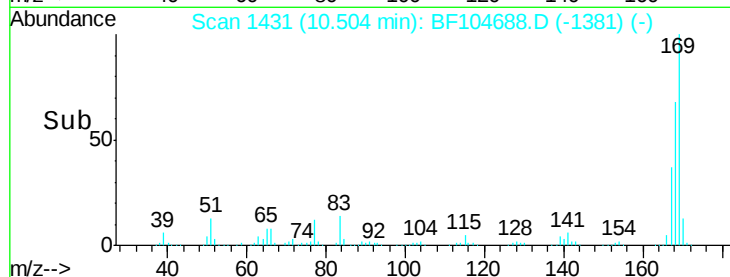
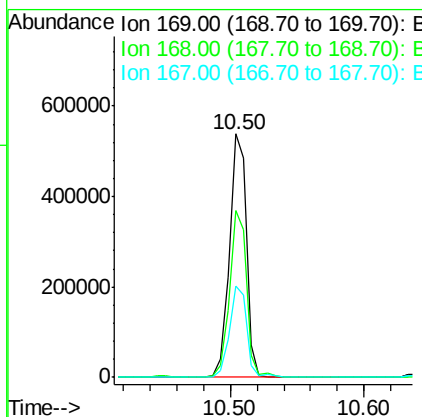
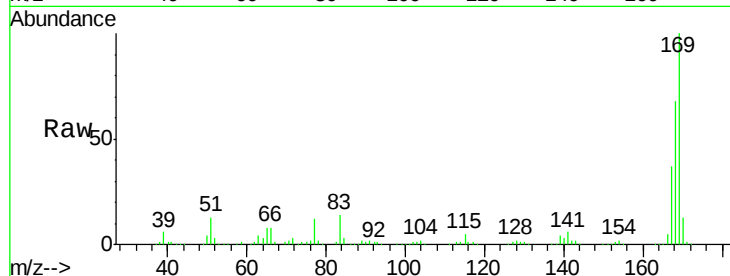




#65
 n-Nitrosodiphenylamine
 Concen: 42.880 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

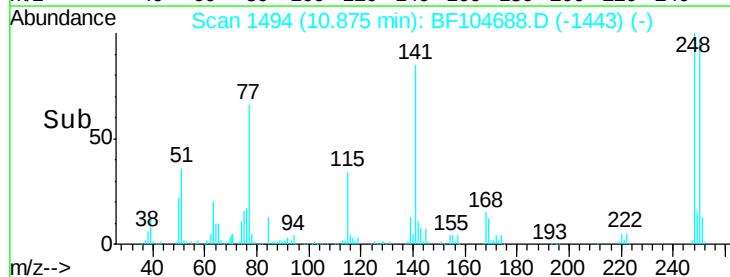
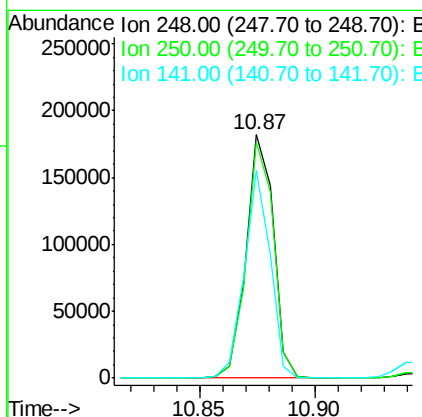
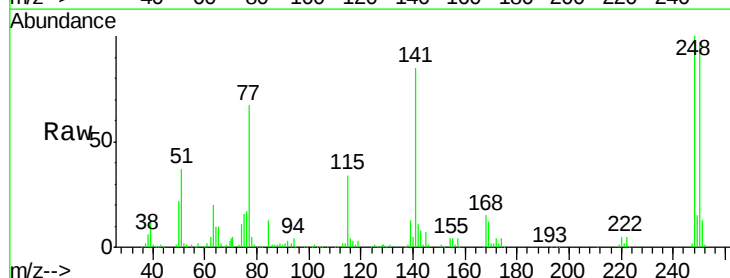
Instrument :
 BNA_F
 ClientSampleId :
 PB108449BSD

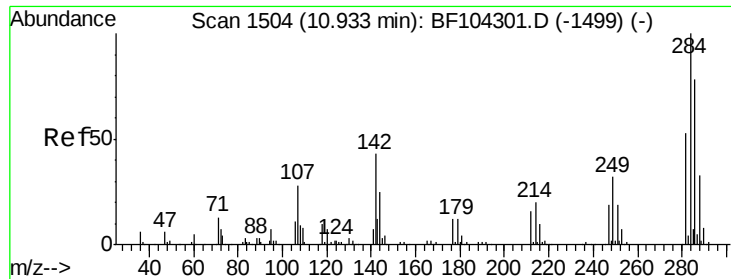
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.4	54.4	81.6
167	37.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.513 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.9	115.3
141	85.4	74.4	111.6

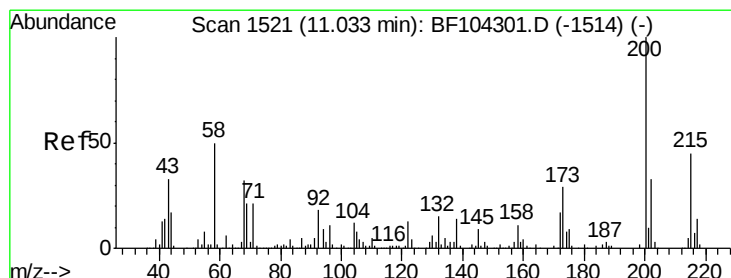
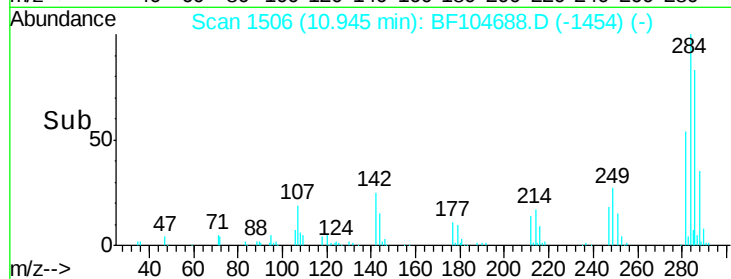
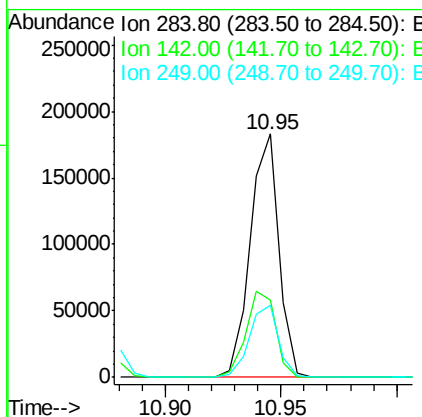
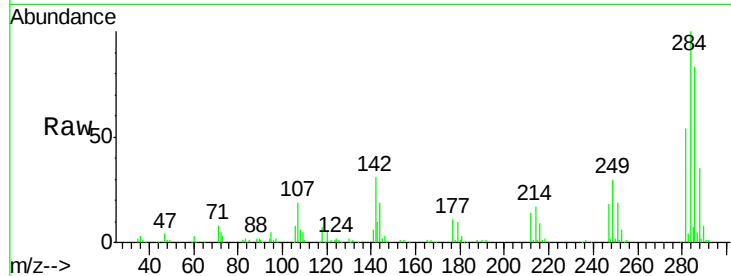




#67
Hexachlorobenzene
Concen: 40.816 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

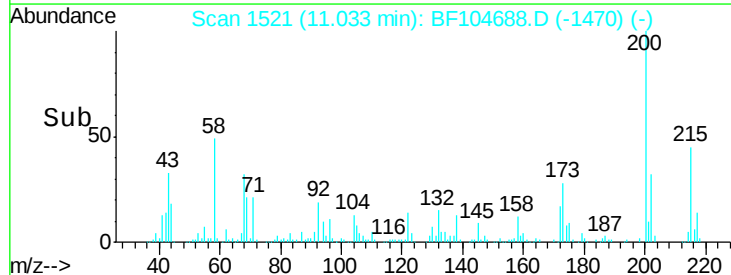
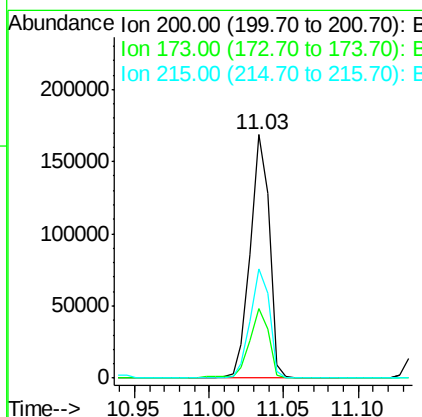
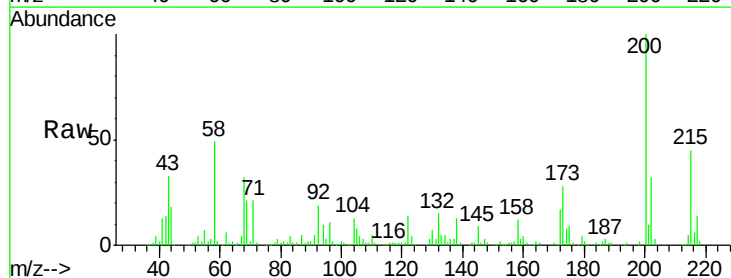
Instrument :
BNA_F
ClientSampleId :
PB108449BSD

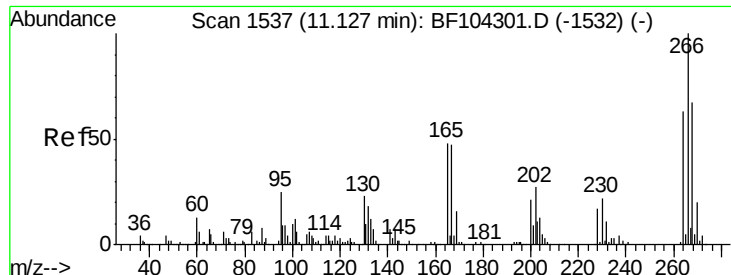
Tot Ion:284 Resp: 159109
Ion Ratio Lower Upper
284 100
142 31.5 34.6 52.0#
249 29.7 24.8 37.2



#68
Atrazine
Concen: 43.772 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Tgt Ion:200 Resp: 149205
Ion Ratio Lower Upper
200 100
173 28.4 8.6 48.6
215 44.7 25.1 65.1

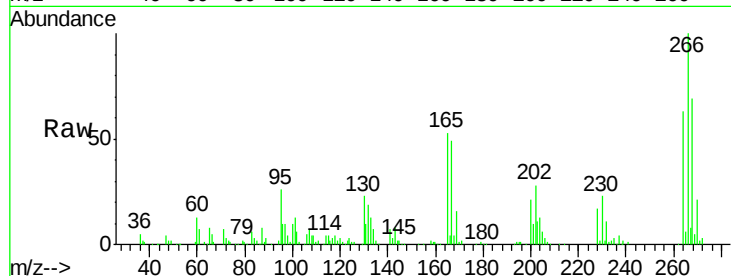




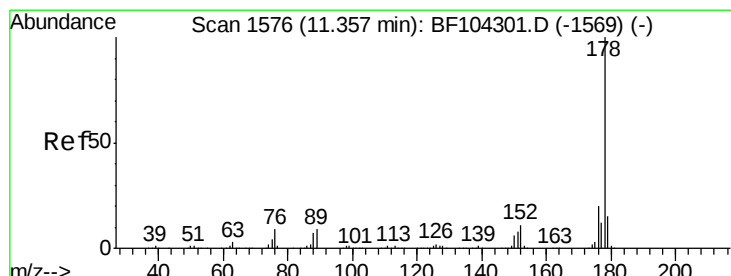
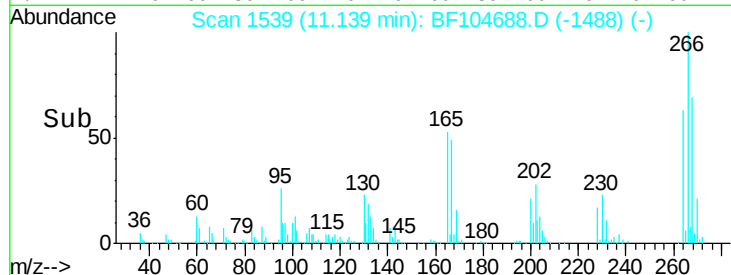
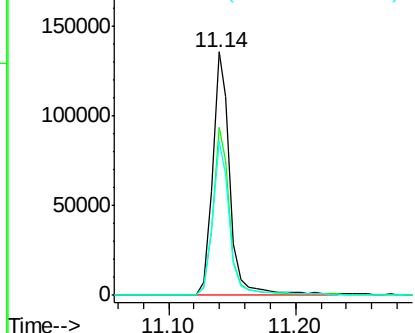
#69
 Pentachlorophenol
 Concen: 54.850 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BSD

Tot Ion:266 Resp: 132277
 Ion Ratio Lower Upper
 266 100
 268 68.9 51.1 76.7
 264 63.4 49.5 74.3

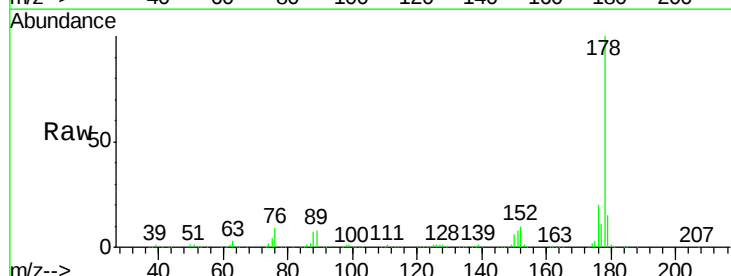


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

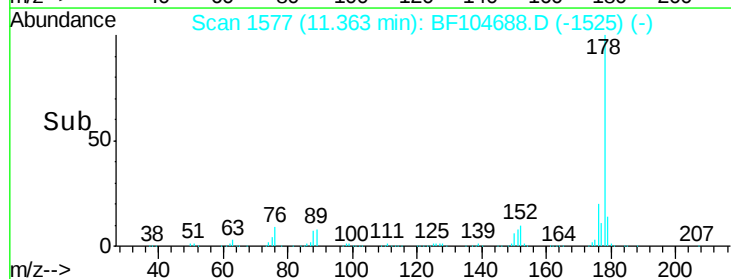
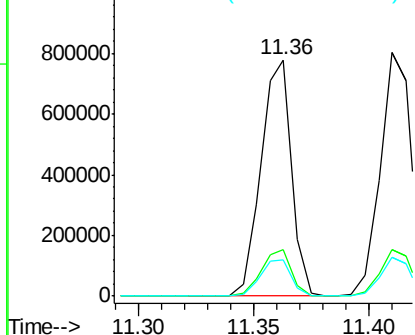


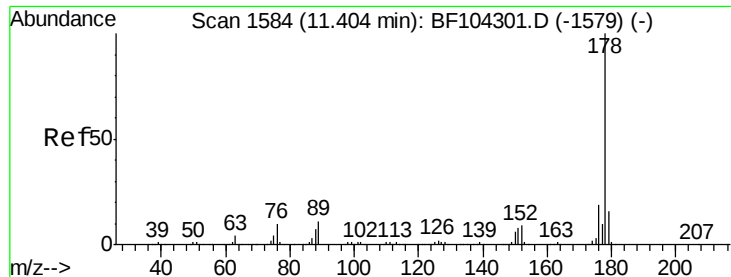
#70
 Phenanthrene
 Concen: 39.651 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

Tgt Ion:178 Resp: 719187
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.1 13.0 19.6



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

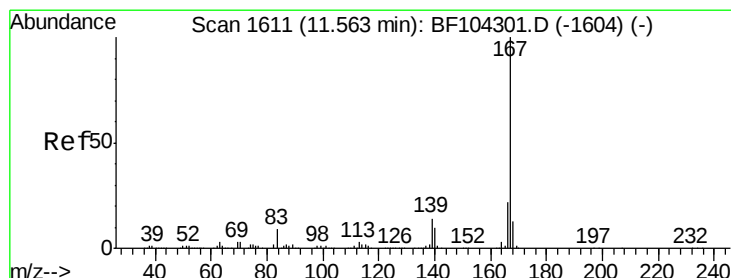
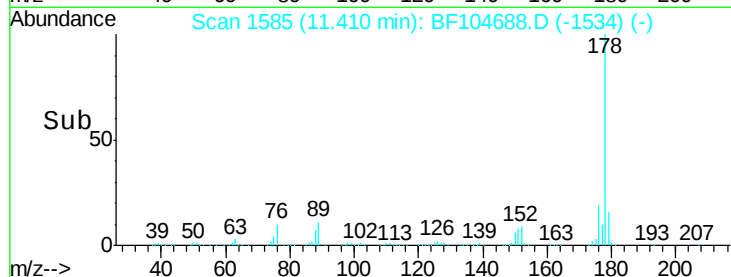
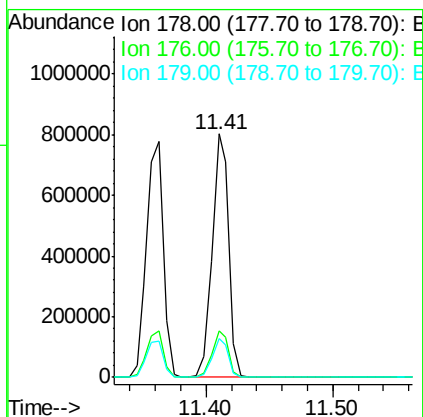
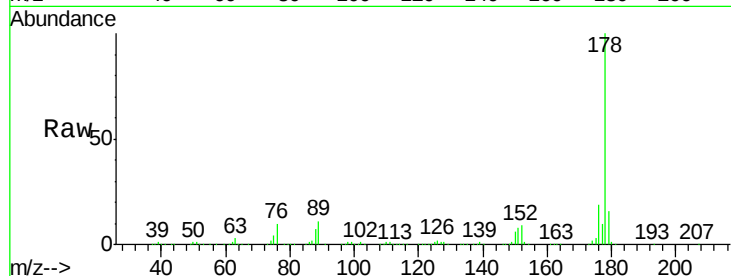




#71
 Anthracene
 Concen: 40.152 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

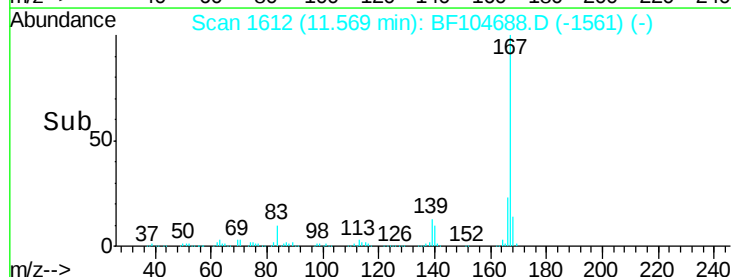
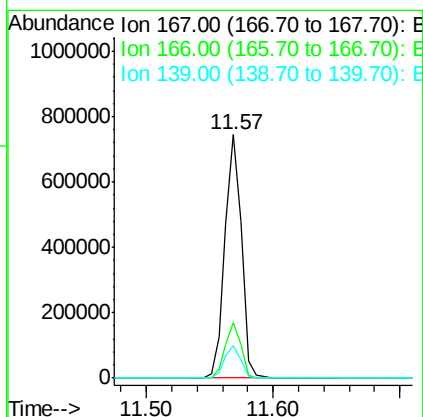
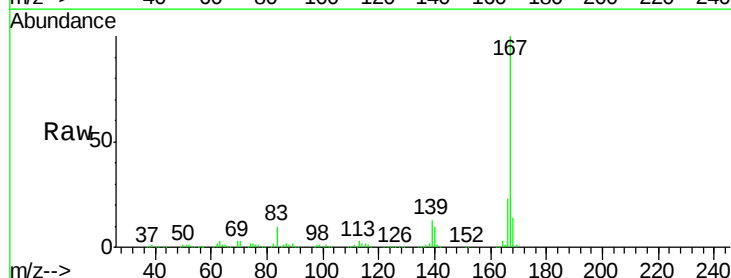
Instrument :
 BNA_F
 ClientSampleId :
 PB108449BSD

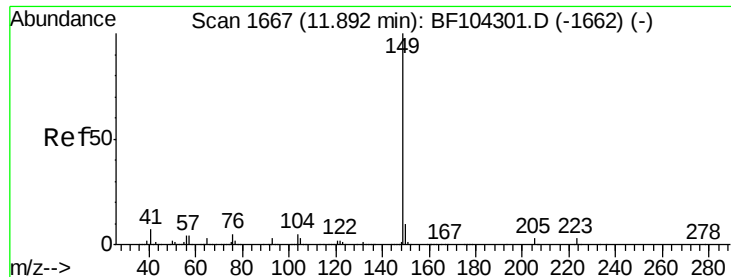
Tot Ion:178 Resp: 740301
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 37.468 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104688.D
 Acq: 20 Apr 2018 21:27

Tgt Ion:167 Resp: 675042
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.749 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

PB108449BSD

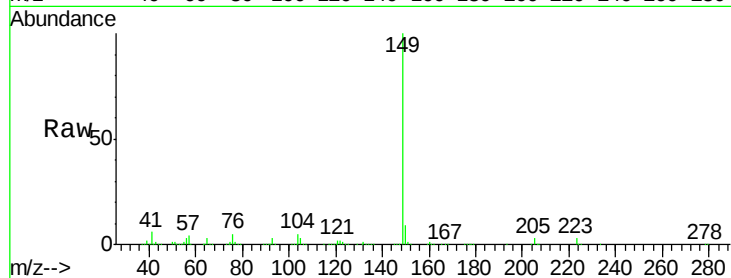
Tot Ion:149 Resp: 896811

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

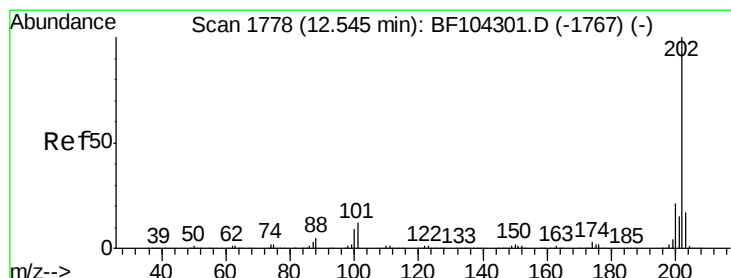
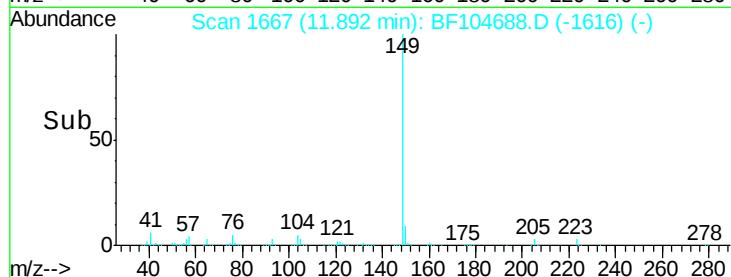
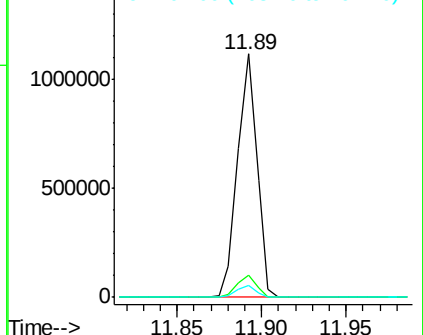
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.415 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

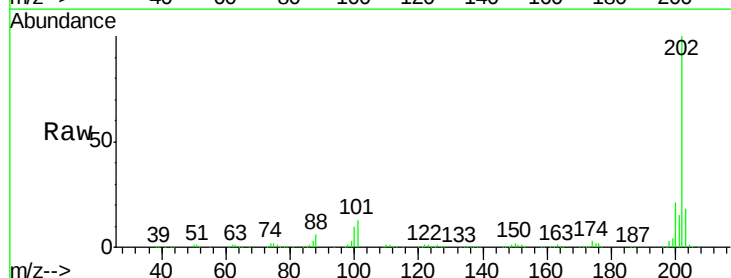
Tgt Ion:202 Resp: 690092

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

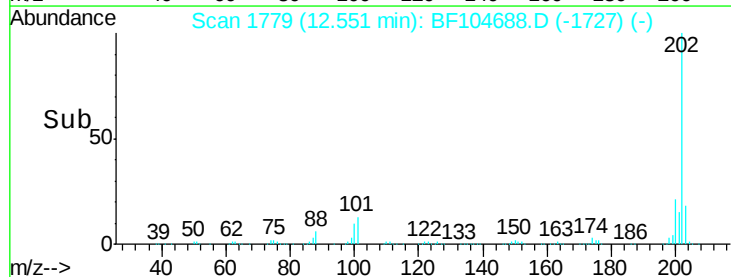
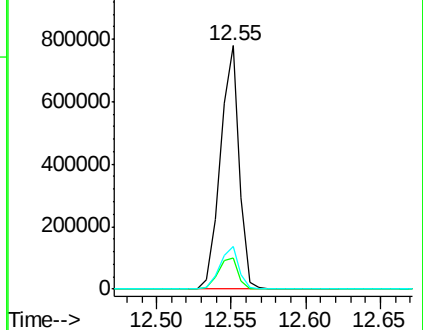
203 17.7 0.0 38.1

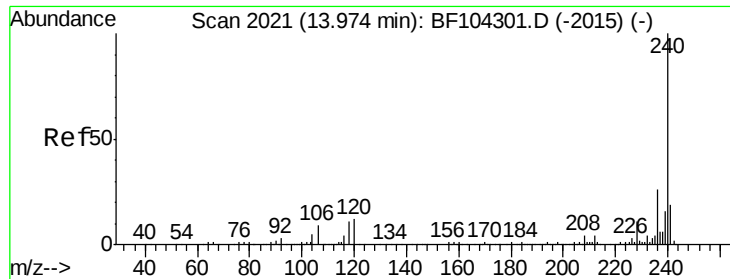


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

PB108449BSD

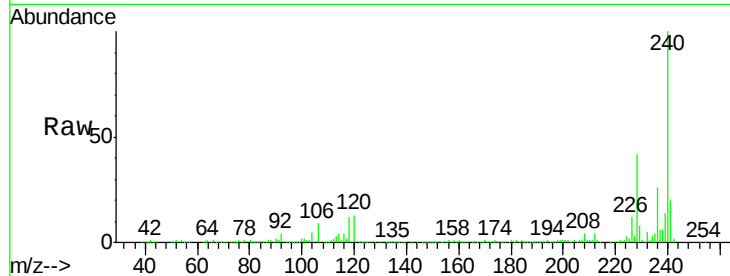
Tot Ion:240 Resp: 211932

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

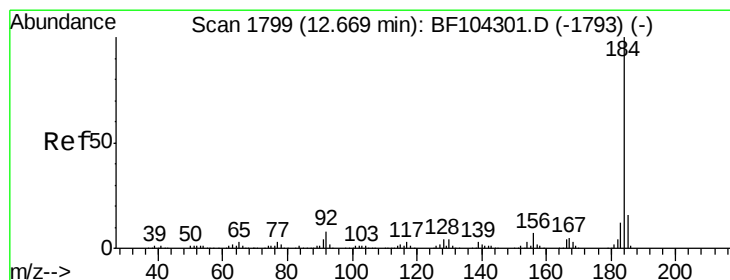
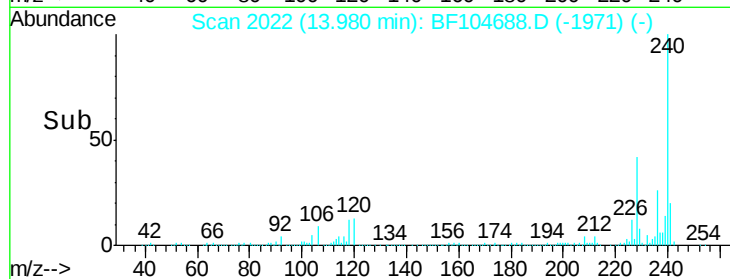
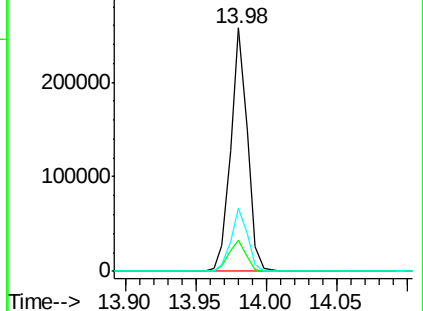
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: Below Cal

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

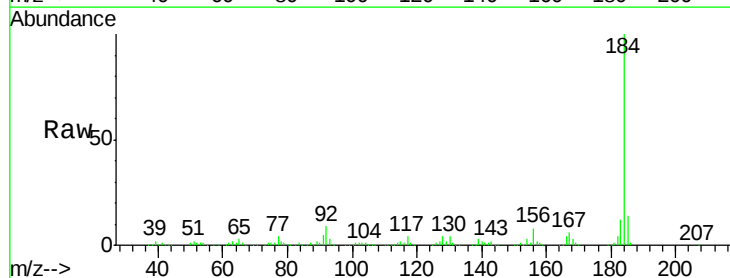
Tgt Ion:184 Resp: 534411

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

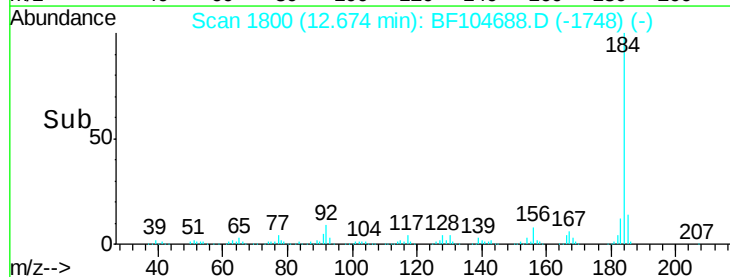
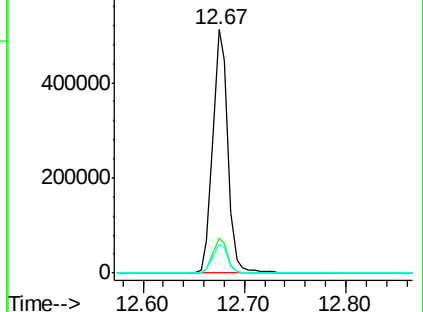
183 11.7 9.3 13.9

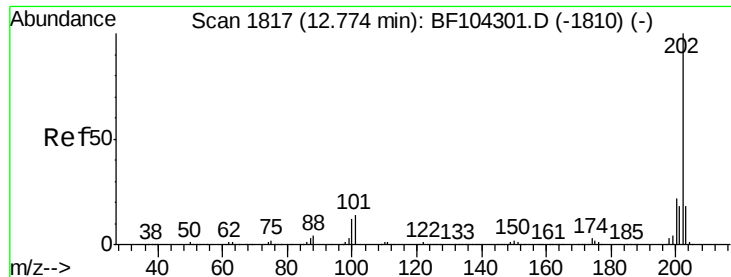


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

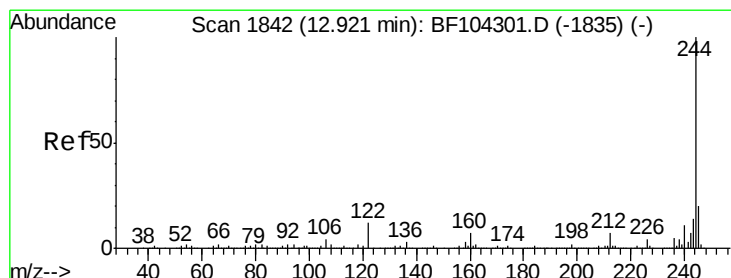
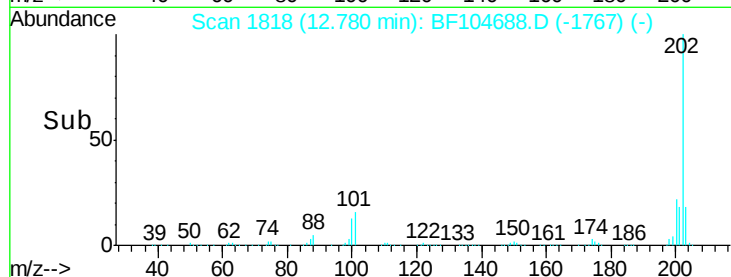
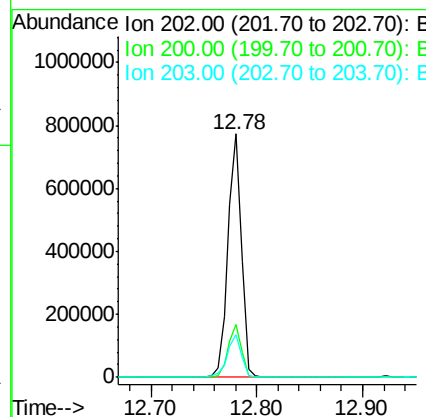
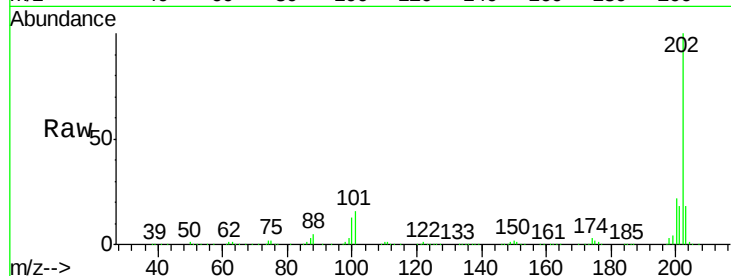




#77
Pvrene
Concen: 43.965 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

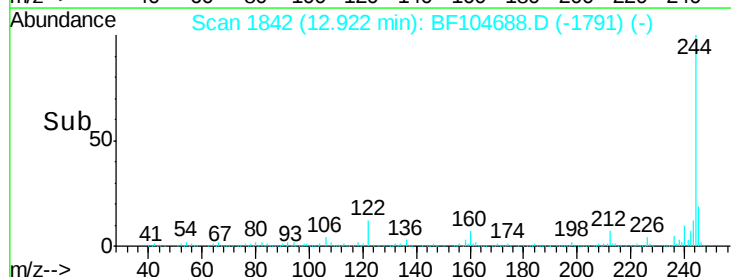
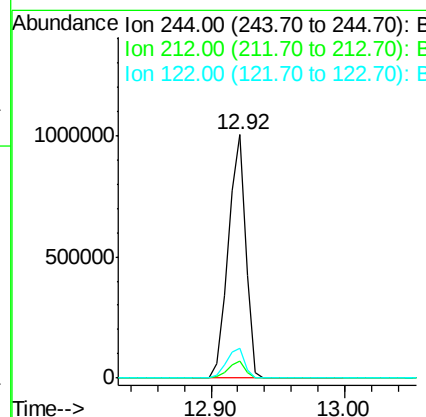
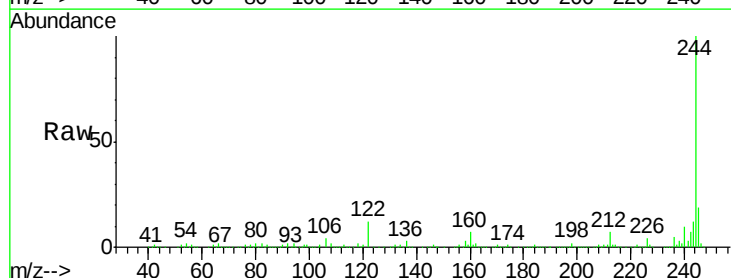
Instrument :
BNA_F
ClientSampleId :
PB108449BSD

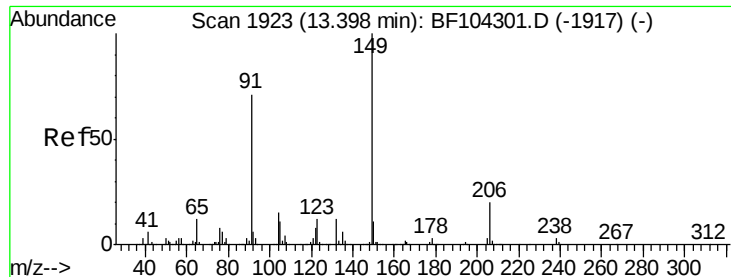
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5



#78
Terphenyl-d14
Concen: 100.070 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.3	11.0	16.4

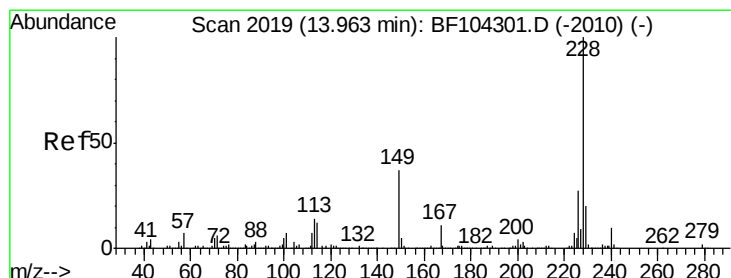
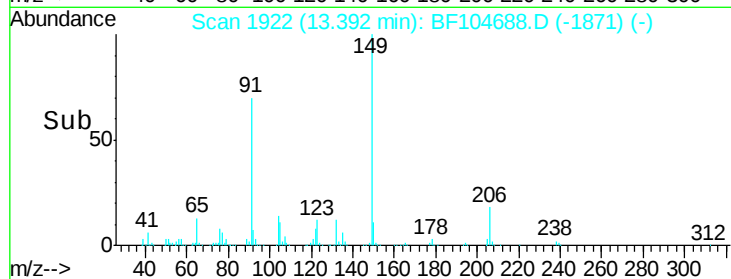
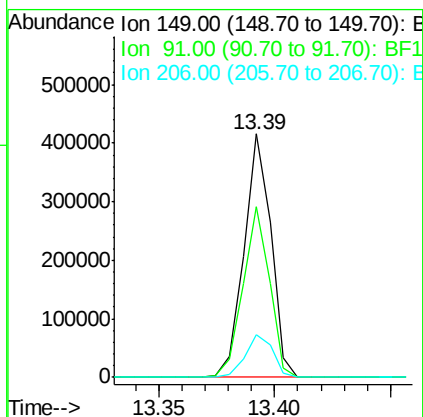
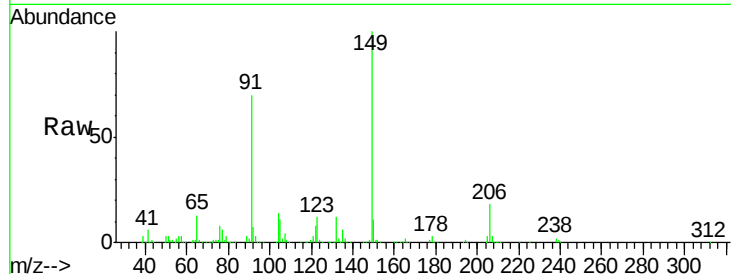




#79
Butylbenzylphthalate
Concen: 45.795 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

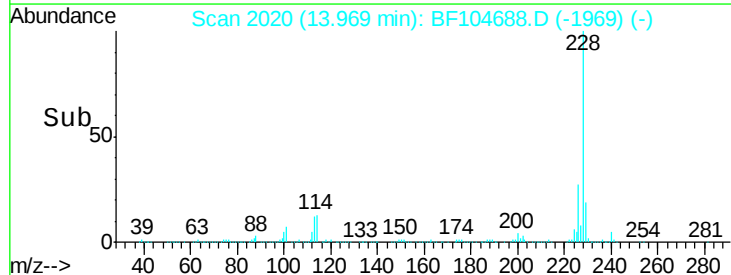
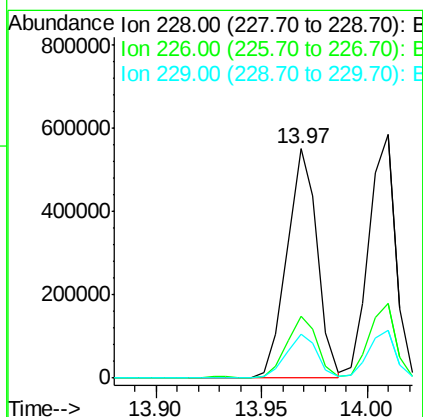
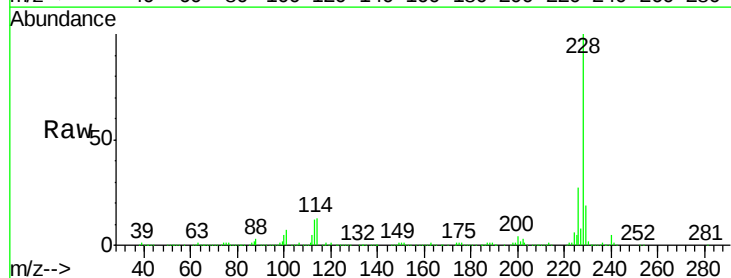
Instrument :
BNA_F
ClientSampleId :
PB108449BSD

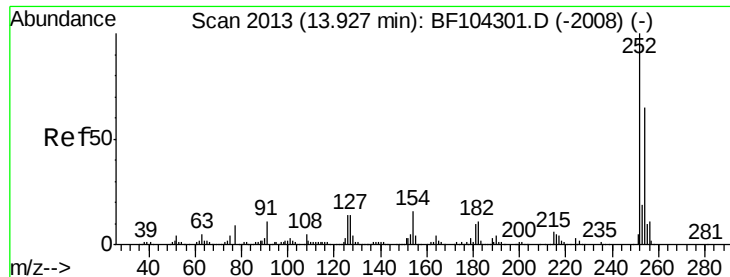
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.2	56.8	85.2
206	17.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 43.387 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.1	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 43.988 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

PB108449BSD

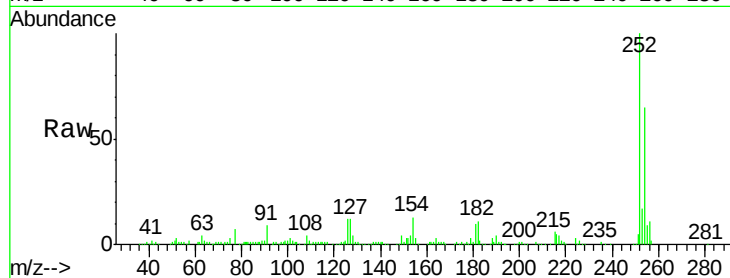
Tot Ion:252 Resp: 207657

Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	12.1	11.3	16.9

252 100

254 64.7 50.4 75.6

126 12.1 11.3 16.9

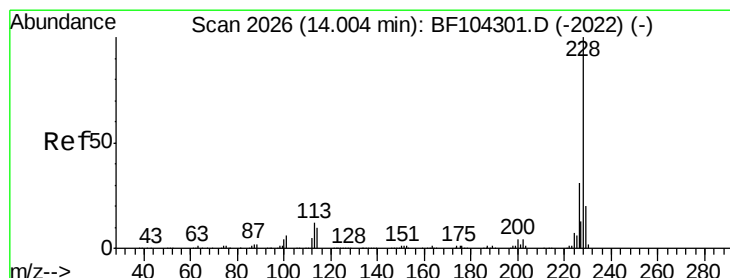
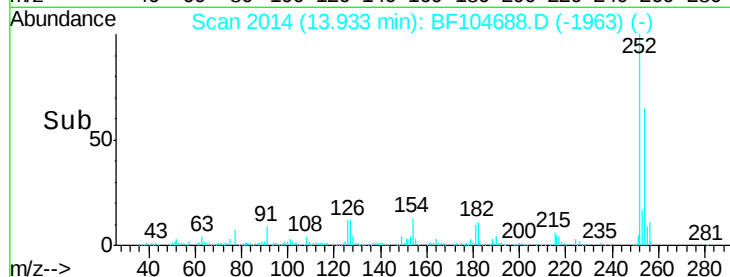
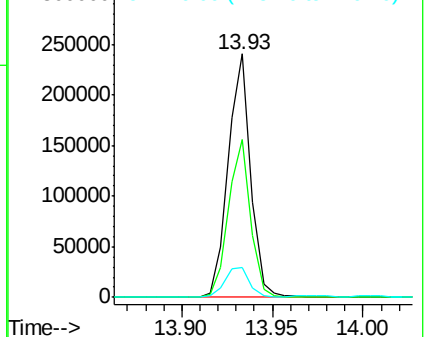


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 40.029 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

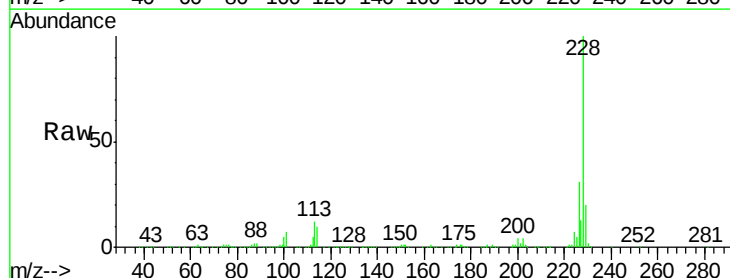
Tgt Ion:228 Resp: 520575

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.9	16.2	24.4

228 100

226 30.6 25.0 37.6

229 19.9 16.2 24.4

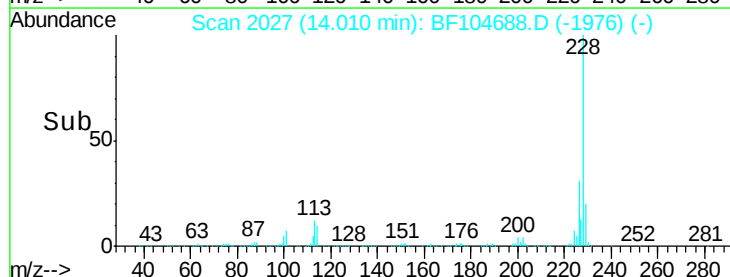
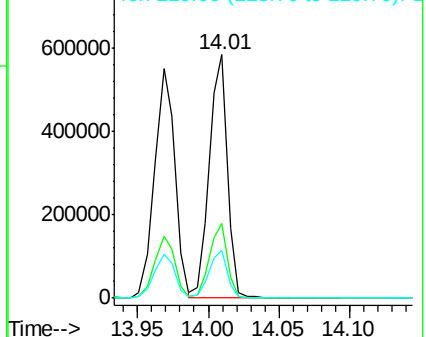


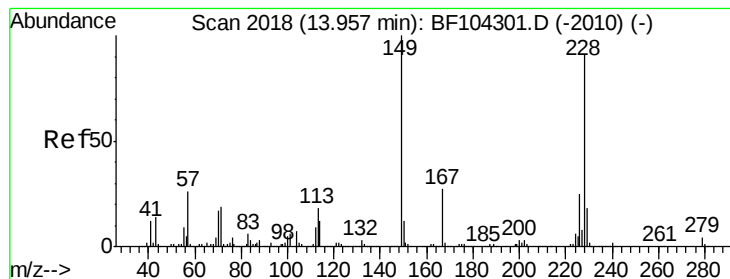
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.651 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

PB108449BSD

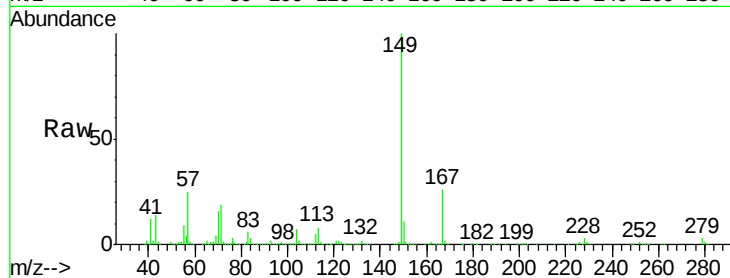
Tot Ion:149 Resp: 463126

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

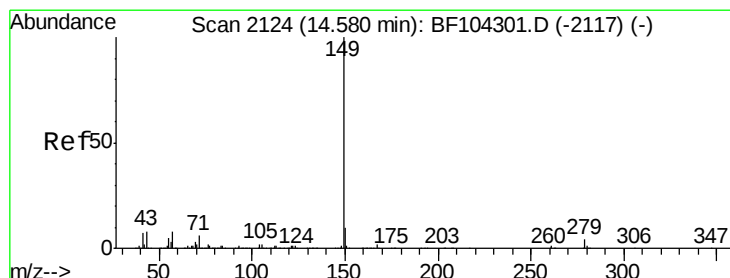
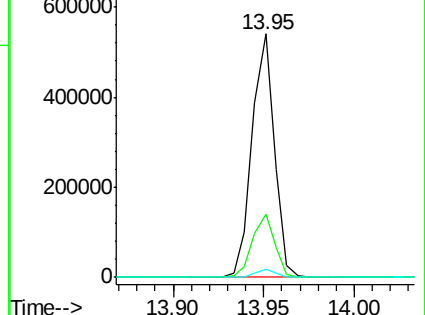
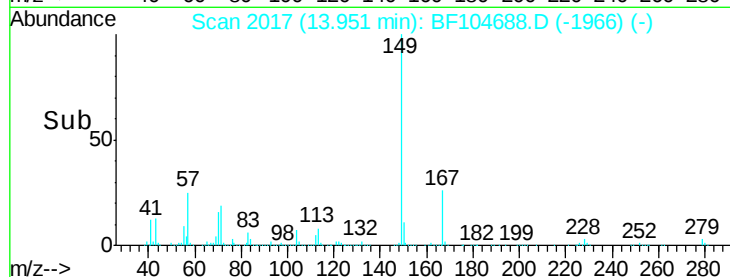
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.517 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

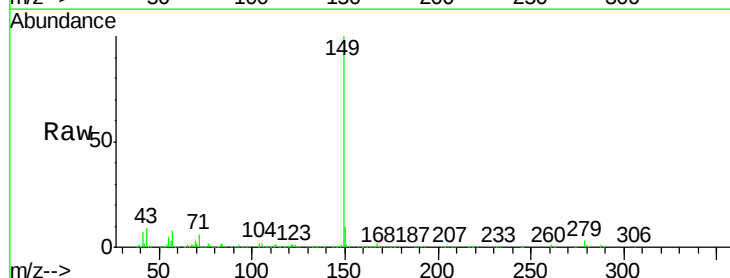
Tgt Ion:149 Resp: 739895

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

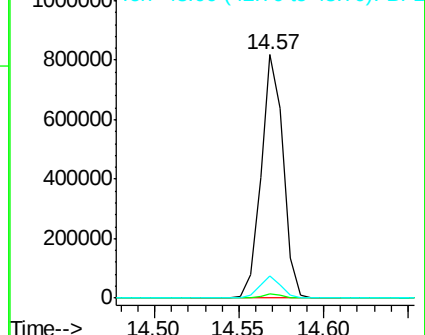
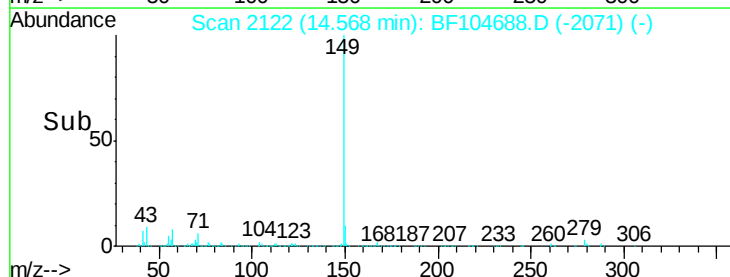
43 8.4 8.4 12.6#

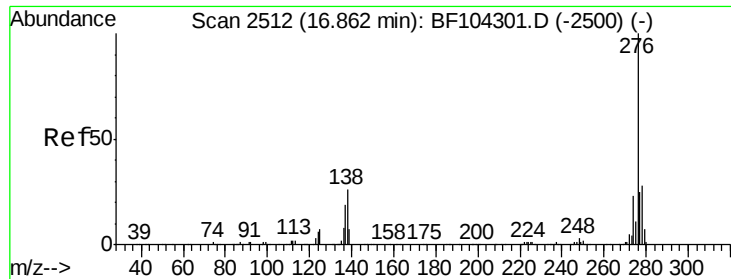


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

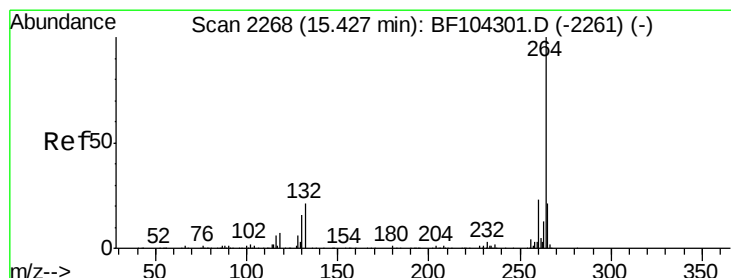
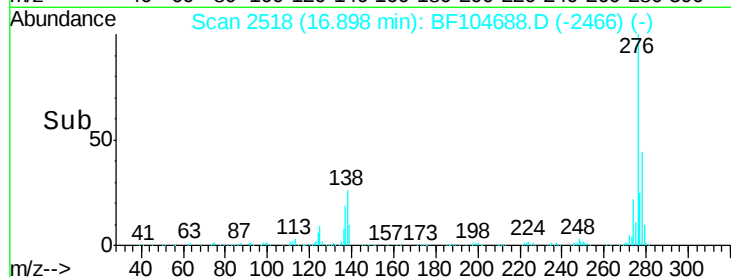
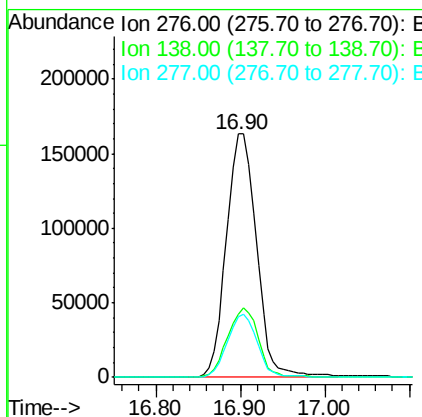
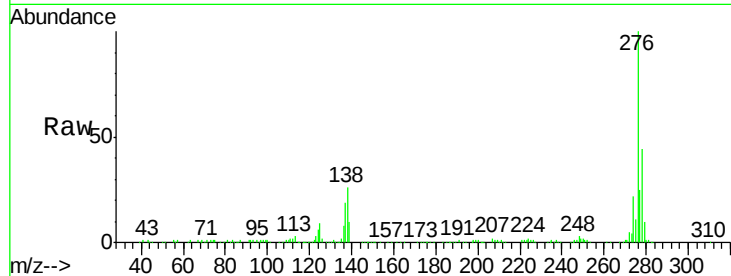




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.635 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

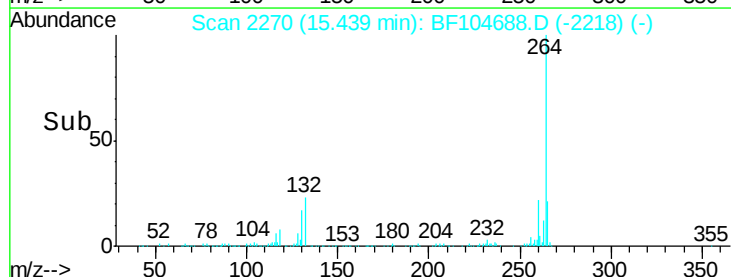
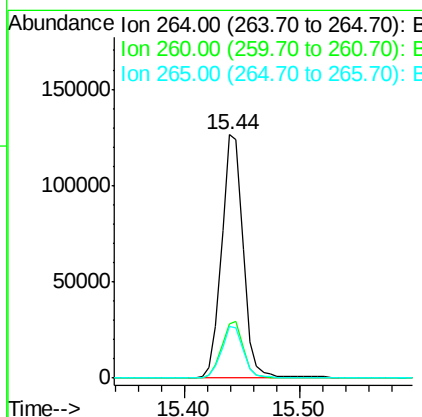
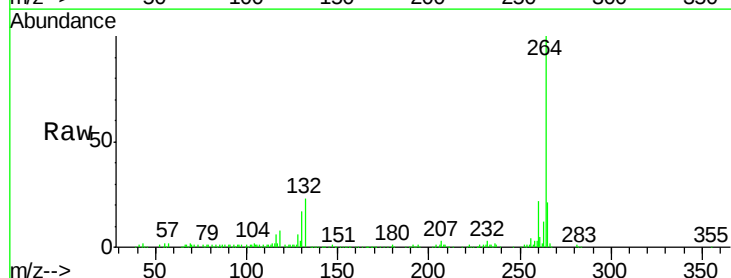
Instrument :
BNA_F
ClientSampleId :
PB108449BSD

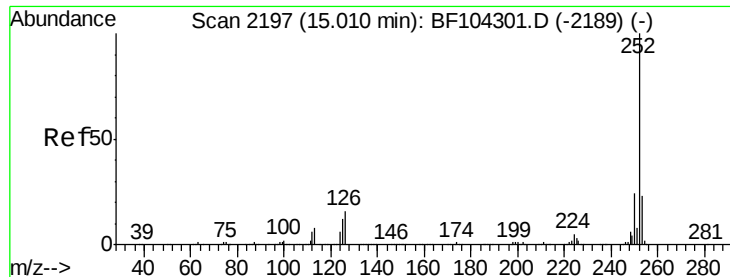
Tot Ion:276 Resp: 404725
Ion Ratio Lower Upper
276 100
138 29.0 25.0 37.6
277 25.8 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Tgt Ion:264 Resp: 163405
Ion Ratio Lower Upper
264 100
260 22.5 19.2 28.8
265 21.3 17.5 26.3

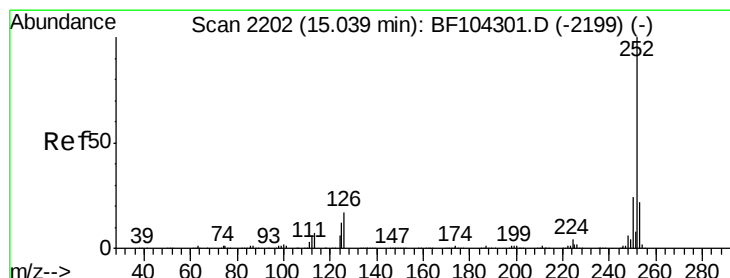
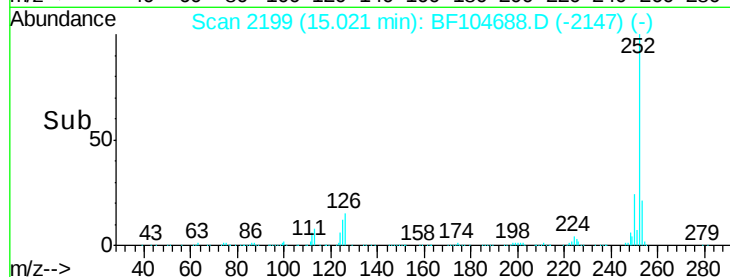
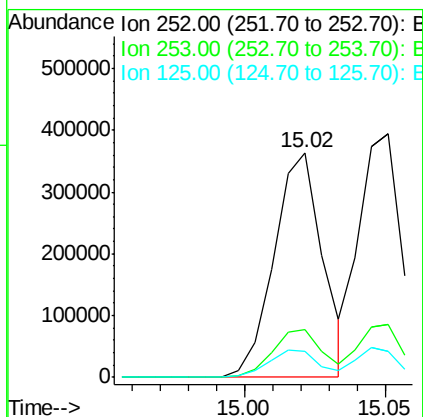
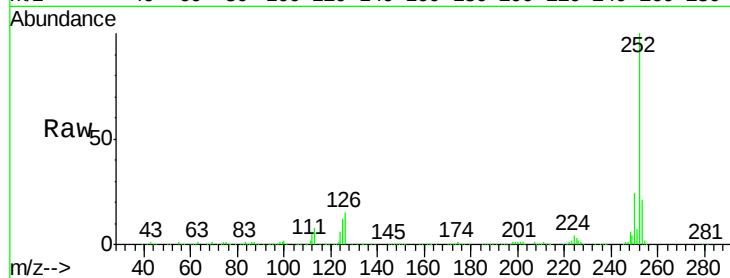




#87
Benzo(b)fluoranthene
Concen: 41.988 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

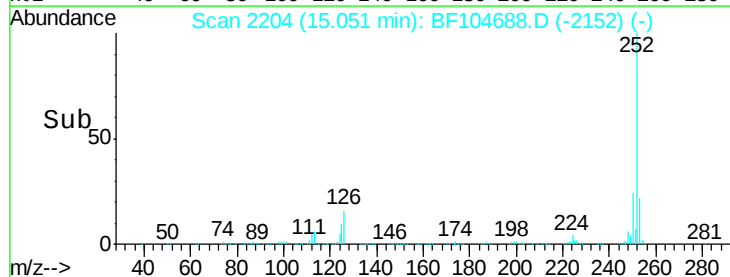
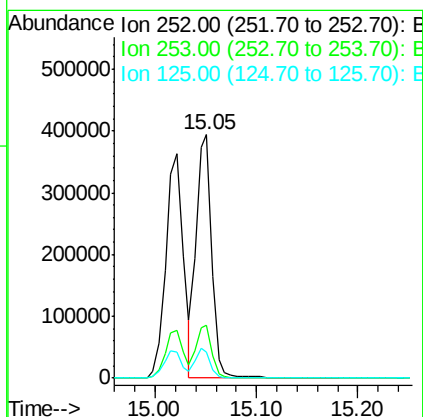
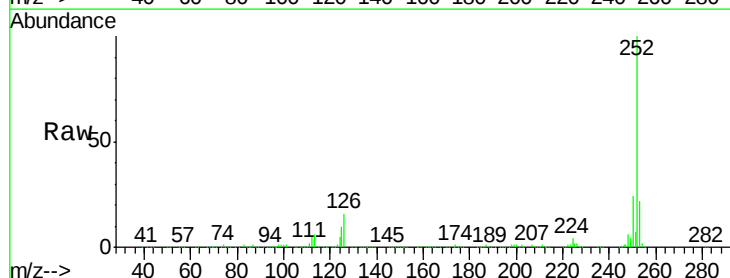
Instrument :
BNA_F
ClientSampleId :
PB108449BSD

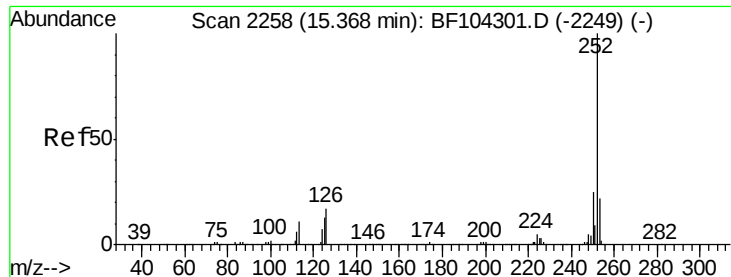
Tot Ion:252 Resp: 433334
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 11.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.941 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Tgt Ion:252 Resp: 418391
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 10.5 10.2 15.2

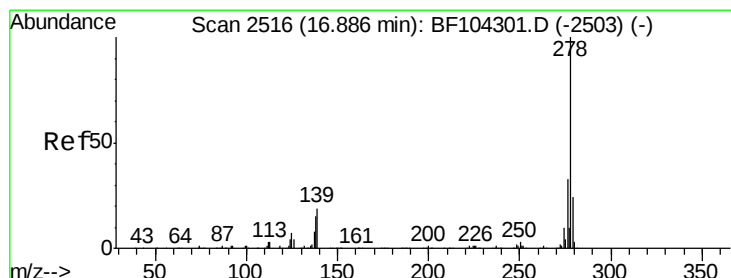
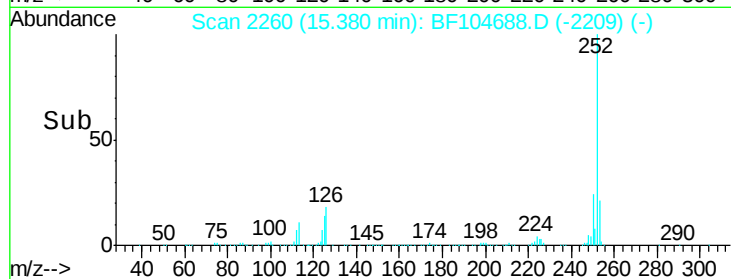
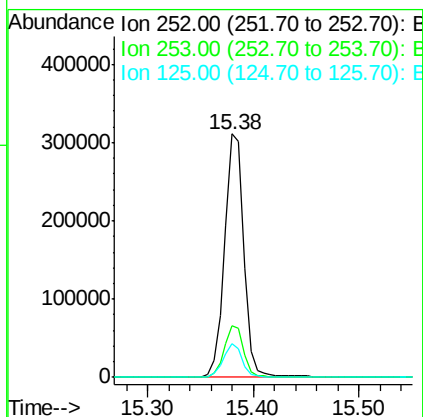
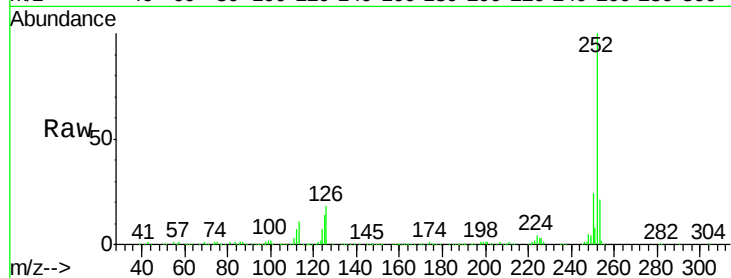




#89
Benzo(a)pyrene
Concen: 42.637 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

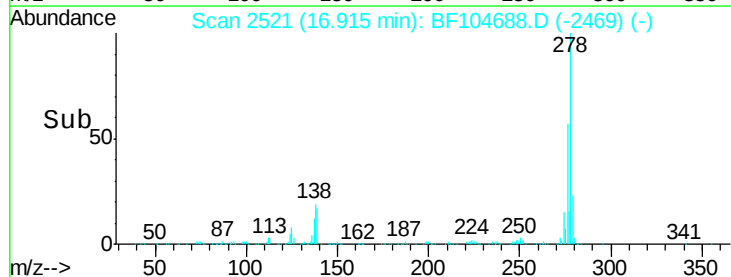
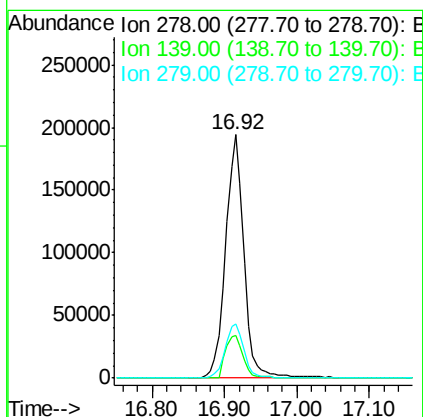
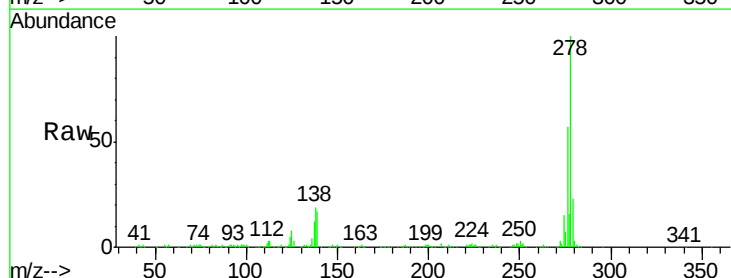
Instrument :
BNA_F
ClientSampleId :
PB108449BSD

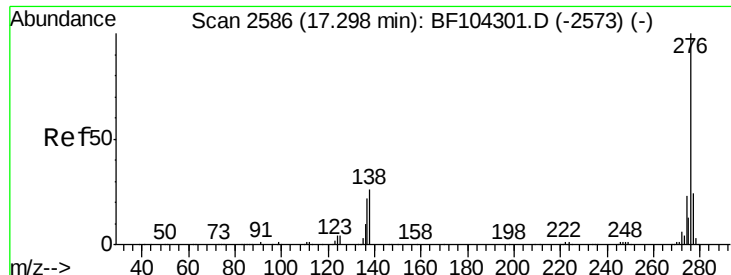
Tot Ion:252 Resp: 393719
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 14.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 45.157 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF104688.D
Acq: 20 Apr 2018 21:27

Tgt Ion:278 Resp: 342474
Ion Ratio Lower Upper
278 100
139 17.3 15.9 23.9
279 22.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 45.411 ng

RT: 17.34 min Scan# 2593

Delta R.T. 0.01 min

Lab File: BF104688.D

Acq: 20 Apr 2018 21:27

Instrument :

BNA_F

ClientSampleId :

PB108449BSD

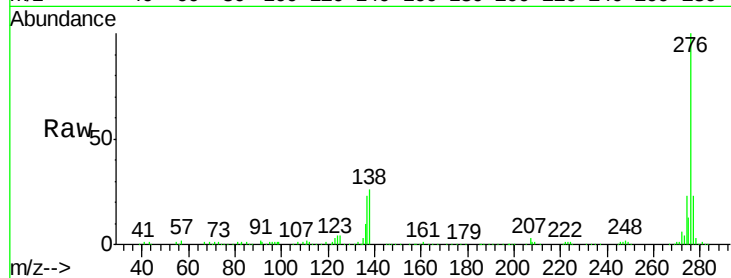
Tot Ion:276 Resp: 333668

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 25.5 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

