

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104704.D
 Acq On : 23 Apr 2018 12:54
 Operator : JU/SJ
 Sample : J2461-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 23 15:40:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	109250	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	407281	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	163116	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	277098	20.00	ng	0.00
75) Chrysene-d12	13.99	240	179772	20.00	ng	0.00
86) Perylene-d12	15.46	264	128680	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	656848	91.93	ng	0.02
7) Phenol-d6	6.46	99	755826	86.10	ng	0.02
23) Nitrobenzene-d5	7.37	82	460887	73.89	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	156818	92.68	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	784712	76.00	ng	0.00
78) Terphenyl-d14	12.93	244	701269	88.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	98688	29.643	ng	89
3) Pyridine	3.29	79	261399	27.926	ng	88
4) n-Nitrosodimethylamine	3.23	42	102847	31.432	ng	# 82
6) Aniline	6.47	93	49873	4.089	ng	# 1
8) 2-Chlorophenol	6.60	128	251127	33.300	ng	92
9) Benzaldehyde	6.36	77	146766	30.565	ng	100
10) Phenol	6.47	94	300304	32.240	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	256891	34.560	ng	94
12) 1,3-Dichlorobenzene	6.75	146	269899	31.592	ng	99
13) 1,4-Dichlorobenzene	6.83	146	274593	32.243	ng	98
14) 1,2-Dichlorobenzene	6.98	146	253940	32.177	ng	99
15) Benzyl Alcohol	6.96	79	190604	28.586	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	279523	28.002	ng	61
17) 2-Methylphenol	7.07	107	190312	29.032	ng	# 90
18) Hexachloroethane	7.32	117	61710	20.323	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	163143	28.439	ng	95
20) 3+4-Methylphenols	7.23	107	246500	30.320	ng	96
22) Acetophenone	7.22	105	337463	33.655	ng	96
24) Nitrobenzene	7.39	77	239680	34.805	ng	99
25) Isophorone	7.63	82	428197	32.465	ng	99
26) 2-Nitrophenol	7.71	139	97352	34.726	ng	93
27) 2,4-Dimethylphenol	7.75	122	202971	34.869	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	286778	35.562	ng	99
29) 2,4-Dichlorophenol	7.96	162	182685	32.892	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	198177	32.513	ng	99
31) Naphthalene	8.12	128	662435	32.664	ng	99
32) Benzoic acid	7.84	122	10239	2.205	ng	97
33) 4-Chloroaniline	8.17	127	47254	5.439	ng	98
34) Hexachlorobutadiene	8.23	225	111104	33.278	ng	99
35) Caprolactam	8.53	113	44880	23.163	ng	# 82
36) 4-Chloro-3-methylphenol	8.66	107	178195	29.921	ng	100
37) 2-Methylnaphthalene	8.80	142	418207	31.880	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	175894	37.670	ng	98
40) Hexachlorocyclopentadiene	8.95	237	5782	2.212	ng	93

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104704.D
 Acq On : 23 Apr 2018 12:54
 Operator : JU/SJ
 Sample : J2461-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 23 15:40:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

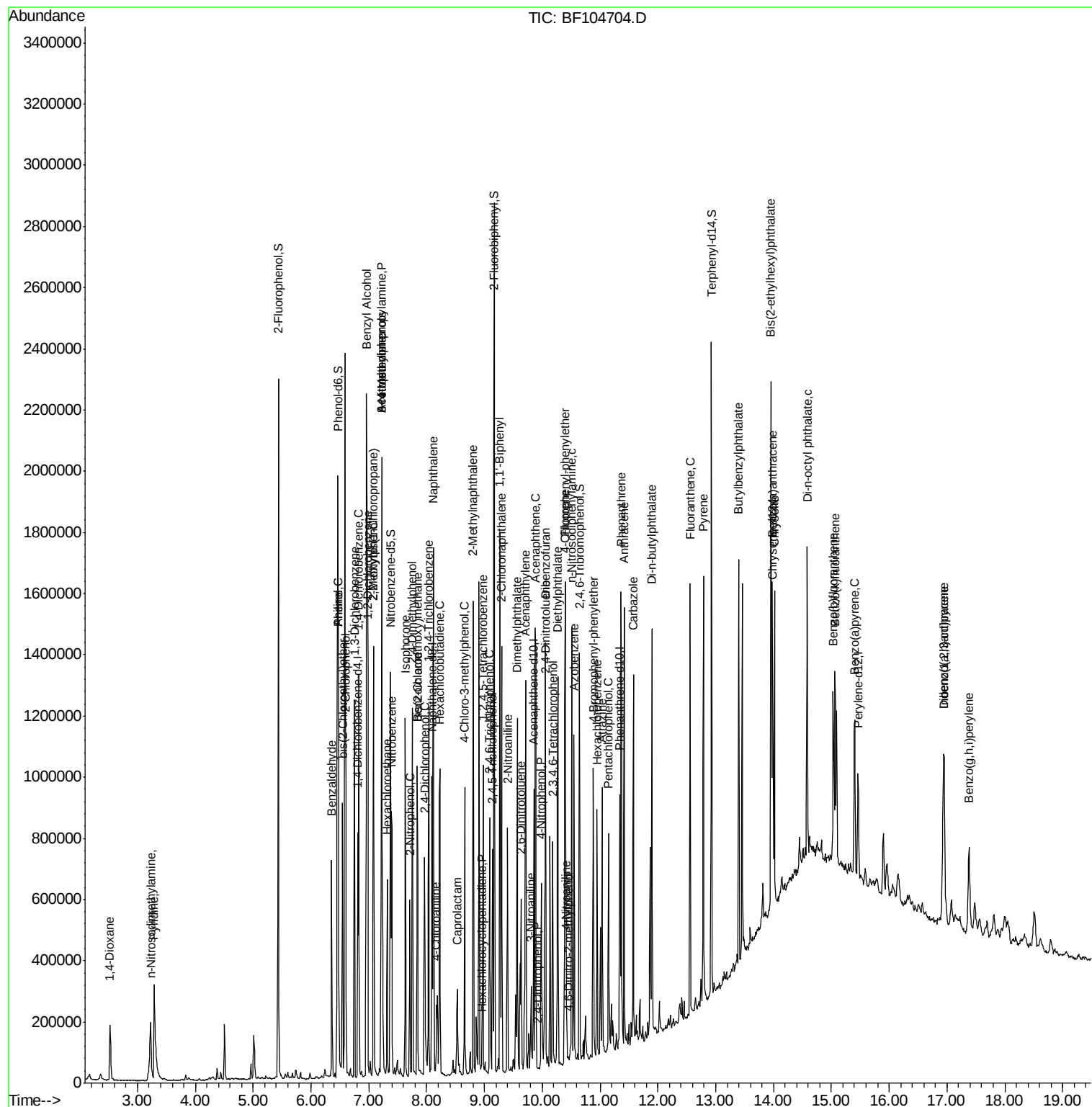
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	112083	34.579	nq	97
43) 2,4,5-Trichlorophenol	9.14	196	115990	31.978	nq	96
45) 1,1'-Biphenyl	9.27	154	480519	35.067	nq	99
46) 2-Chloronaphthalene	9.30	162	372698	34.434	nq	97
47) 2-Nitroaniline	9.40	65	116136	43.388	nq	97
48) Acenaphthylene	9.71	152	511636	30.129	nq	99
49) Dimethylphthalate	9.57	163	478070	37.166	nq	99
50) 2,6-Dinitrotoluene	9.63	165	68183	28.647	nq	97
51) Acenaphthene	9.88	154	316657	30.562	nq	99
52) 3-Nitroaniline	9.80	138	45753	16.420	nq	96
53) 2,4-Dinitrophenol	9.93	184	719	6.229	nq #	30
54) Dibenzofuran	10.06	168	473168	32.769	nq	99
55) 4-Nitrophenol	9.99	139	119023	54.377	nq	95
56) 2,4-Dinitrotoluene	10.05	165	73317	23.483	nq #	93
57) Fluorene	10.40	166	362590	34.499	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	89269	32.989	nq	93
59) Diethylphthalate	10.27	149	404180	31.550	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	169477	36.208	nq	99
61) 4-Nitroaniline	10.42	138	54697	20.076	nq	97
62) Azobenzene	10.55	77	352430	28.795	nq	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	1644	8.379	nq #	61
65) n-Nitrosodiphenylamine	10.51	169	312293	32.504	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	98804	33.522	nq	91
67) Hexachlorobenzene	10.95	284	110752	33.394	nq #	88
68) Atrazine	11.04	200	92647	31.947	nq	99
69) Pentachlorophenol	11.15	266	90261	43.992	nq	94
70) Phenanthrene	11.36	178	516984	33.502	nq	98
71) Anthracene	11.42	178	520851	33.204	nq	99
72) Carbazole	11.57	167	465257	30.353	nq	100
73) Di-n-butylphthalate	11.90	149	670098	35.788	nq	98
74) Fluoranthene	12.56	202	526641	32.664	nq	98
76) Benzdine	12.67	184	1401	Below Cal	nq #	1
77) Pyrene	12.79	202	520382	39.052	nq	99
79) Butylbenzylphthalate	13.40	149	315947	50.328	nq	97
80) Benzo(a)anthracene	13.98	228	365707	34.052	nq	100
82) Chrysene	14.02	228	347634	31.513	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	508631	62.990	nq	99
84) Di-n-octyl phthalate	14.58	149	523151	38.774	nq	97
85) Indeno(1,2,3-cd)pyrene	16.94	276	280346	29.916	nq	96
87) Benzo(b)fluoranthene	15.03	252	282117	34.713	nq #	97
88) Benzo(k)fluoranthene	15.06	252	259221	33.784	nq	98
89) Benzo(a)pyrene	15.40	252	244005	33.555	nq	96
90) Dibenzo(a,h)anthracene	16.95	278	234394	39.246	nq	99
91) Benzo(g,h,i)perylene	17.39	276	233879	40.420	nq	94

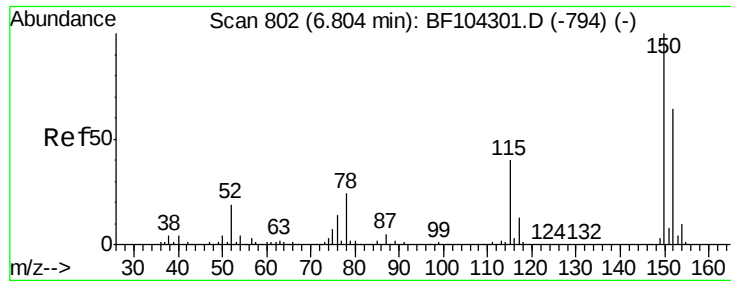
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104704.D
Acq On : 23 Apr 2018 12:54
Operator : JU/SJ
Sample : J2461-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Apr 23 15:40:47 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration



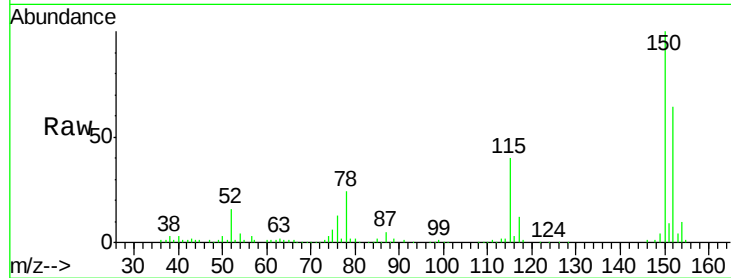


#1

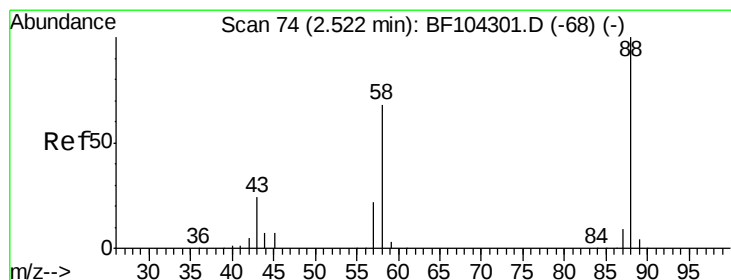
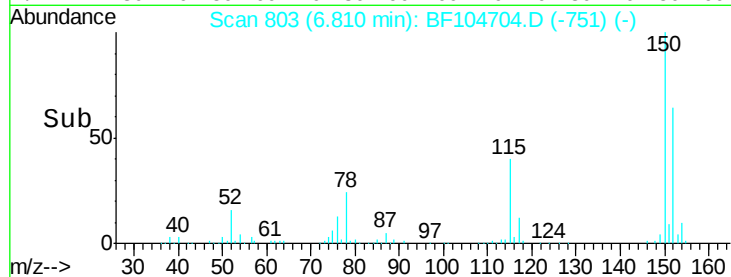
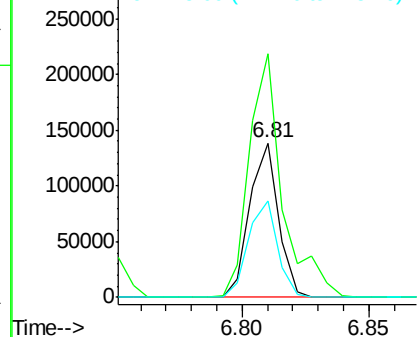
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 109250
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 62.4 50.1 75.1



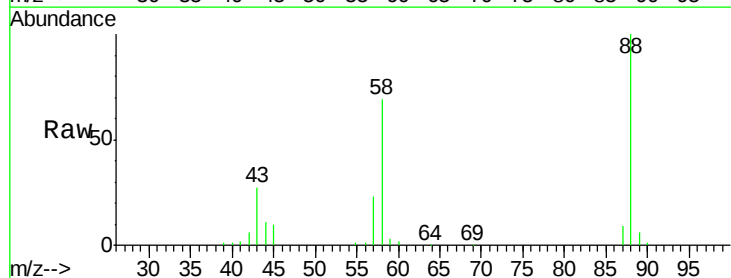
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



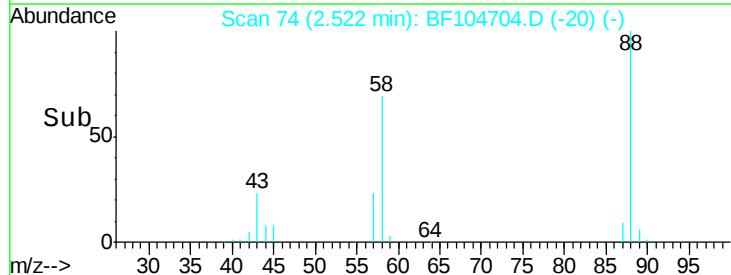
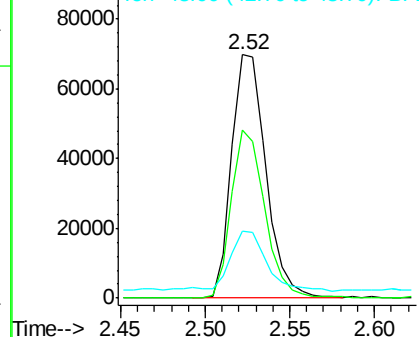
#2

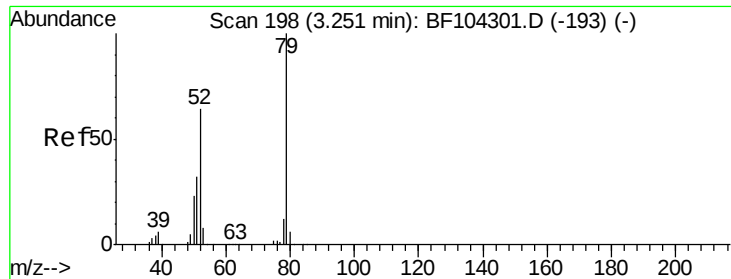
1,4-Dioxane
Concen: 29.643 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.02 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

Tgt Ion: 88 Resp: 98688
Ion Ratio Lower Upper
88 100
58 67.6 62.6 93.8
43 26.6 24.6 37.0



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





#3

Pvridine

Concen: 27.926 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.04 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

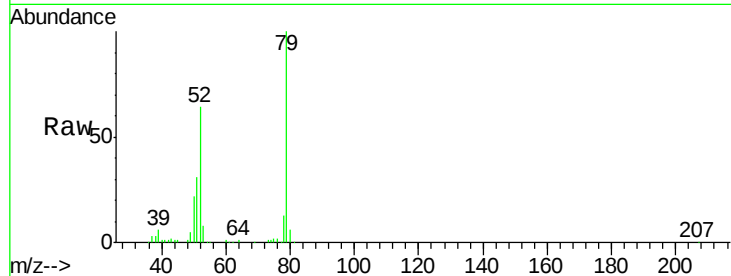
Tot Ion: 79 Resp: 261399

Ion Ratio Lower Upper

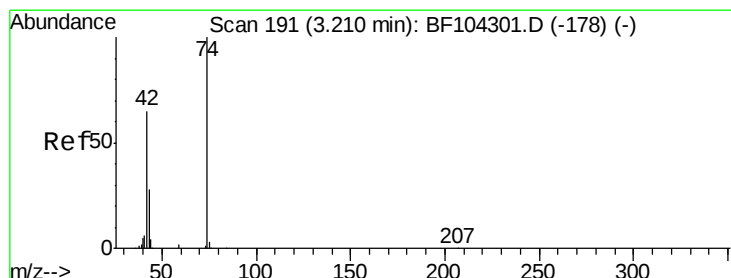
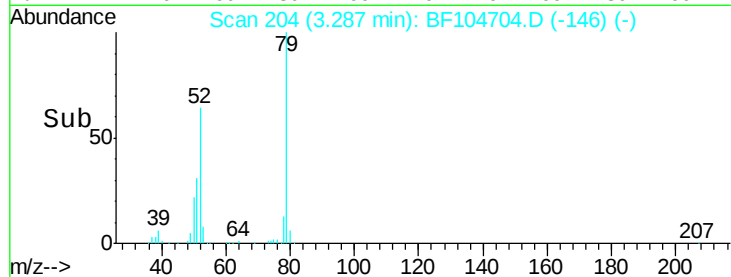
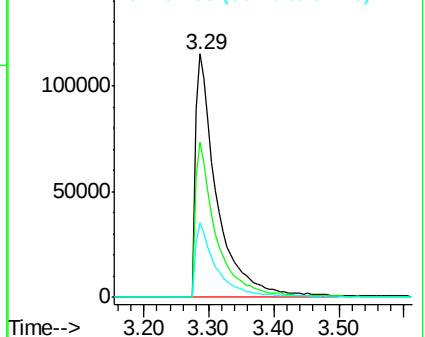
79 100

52 63.6 59.8 89.6

51 30.7 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: 31.432 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.02 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

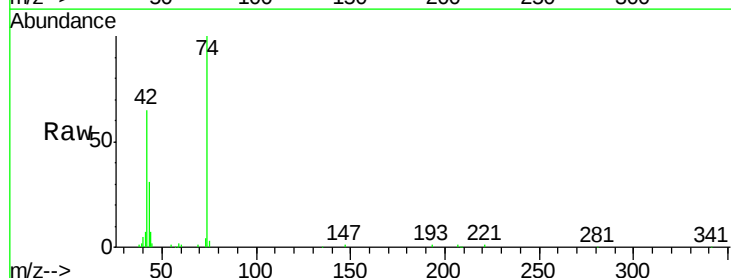
Tgt Ion: 42 Resp: 102847

Ion Ratio Lower Upper

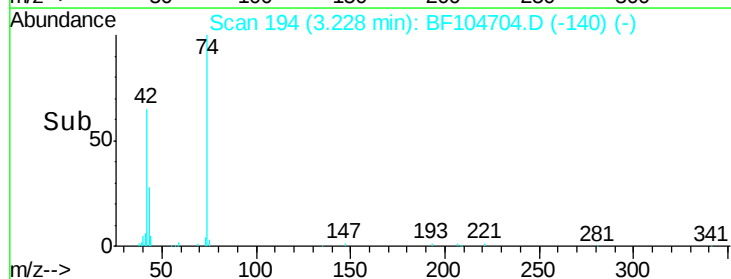
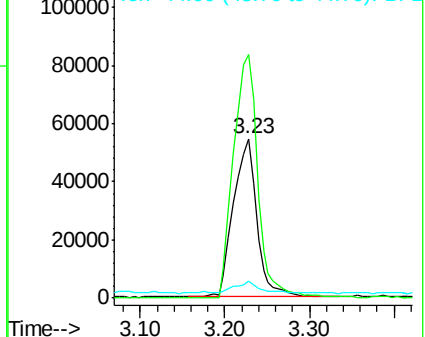
42 100

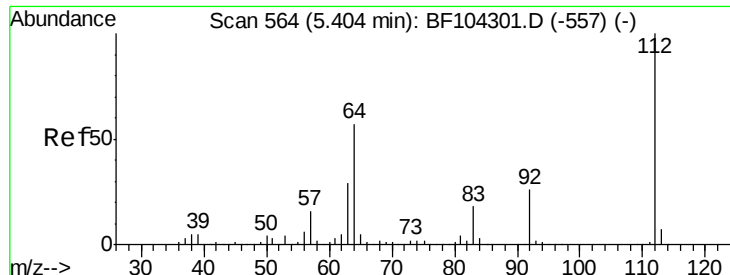
74 152.8 104.9 157.3

44 11.0 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: 91.932 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

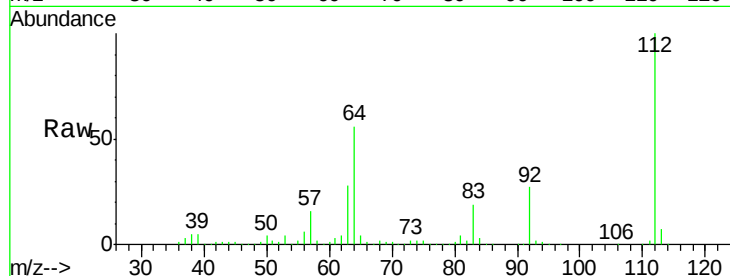
Tot Ion: 112 Resp: 656848

Ion Ratio Lower Upper

112 100

64 55.8 47.9 71.9

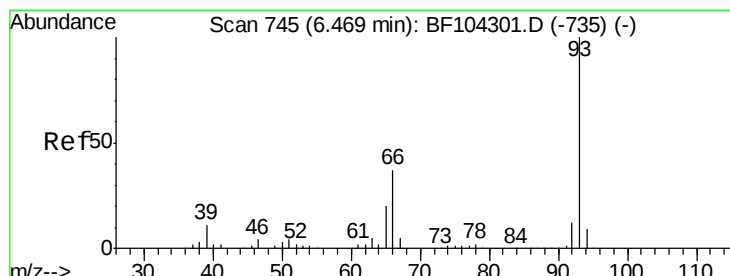
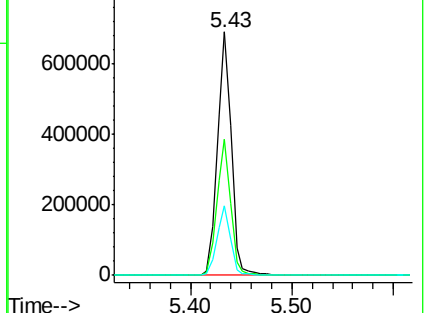
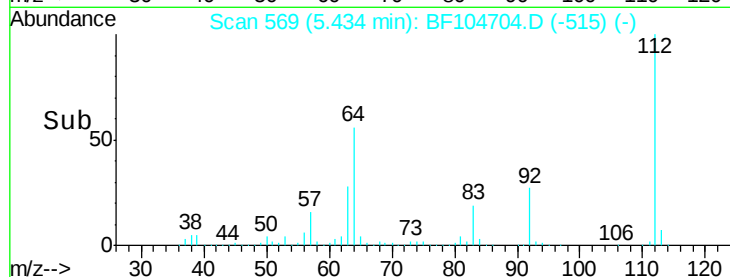
63 28.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 4.089 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

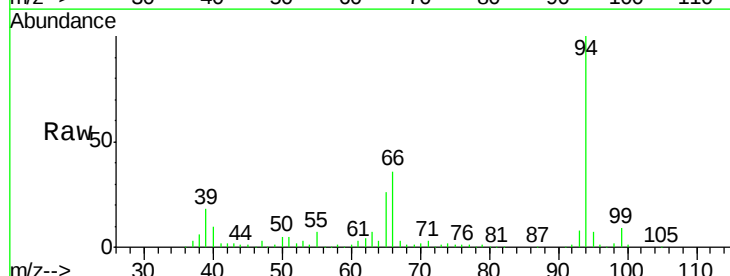
Tgt Ion: 93 Resp: 49873

Ion Ratio Lower Upper

93 100

66 449.5 32.2 48.2#

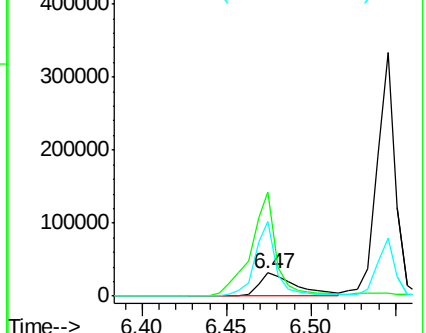
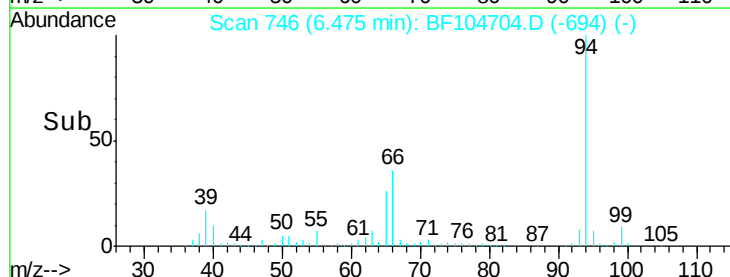
65 326.0 16.4 24.6#



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: 86.097 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.02 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

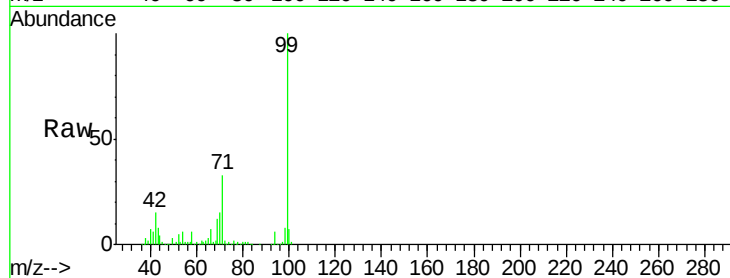
Tot Ion: 99 Resp: 755826

Ion Ratio Lower Upper

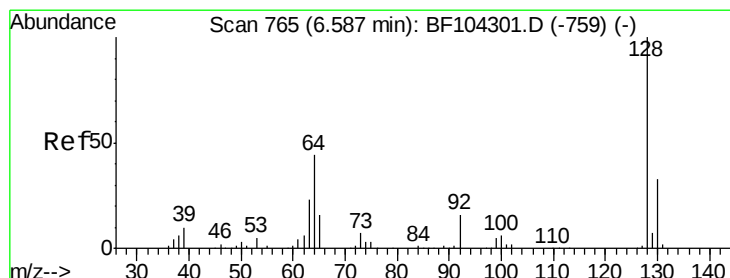
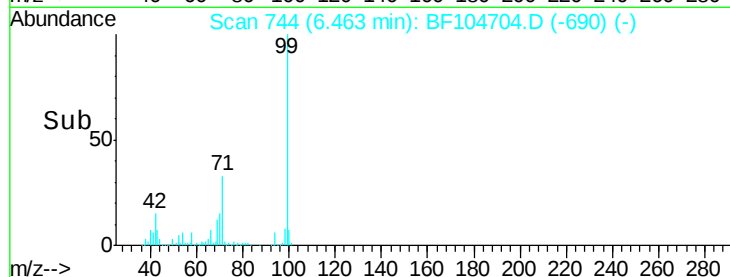
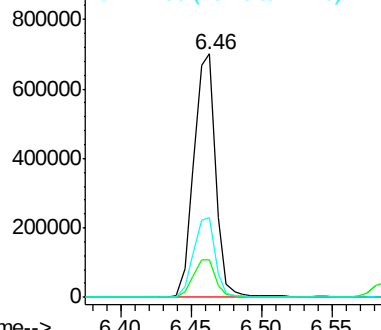
99 100

42 15.2 14.5 21.7

71 32.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.300 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

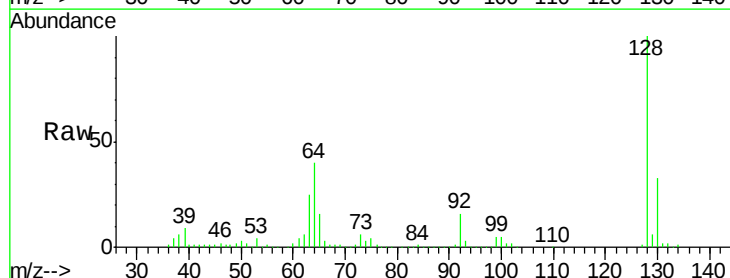
Tgt Ion: 128 Resp: 251127

Ion Ratio Lower Upper

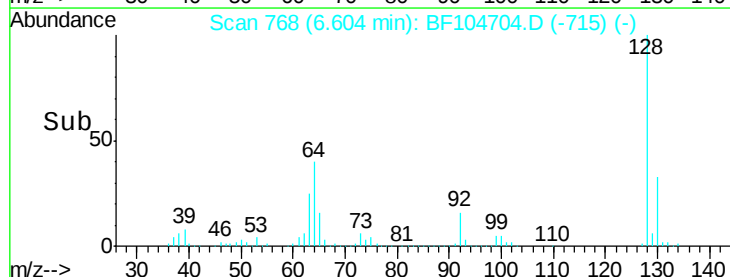
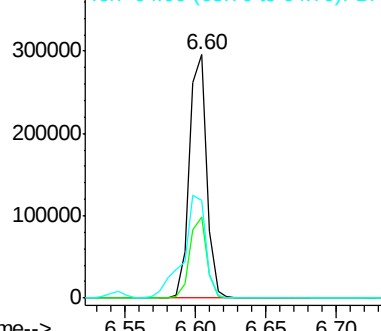
128 100

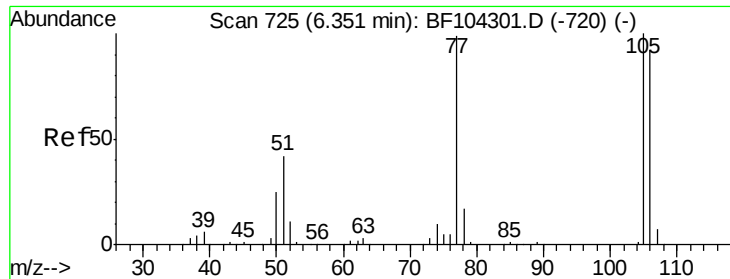
130 33.1 13.0 53.0

64 40.2 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: 30.565 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

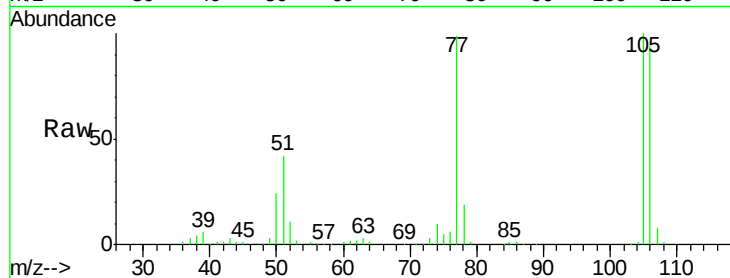
Tot Ion: 77 Resp: 146766

Ion Ratio Lower Upper

77 100

105 100.7 81.1 121.1

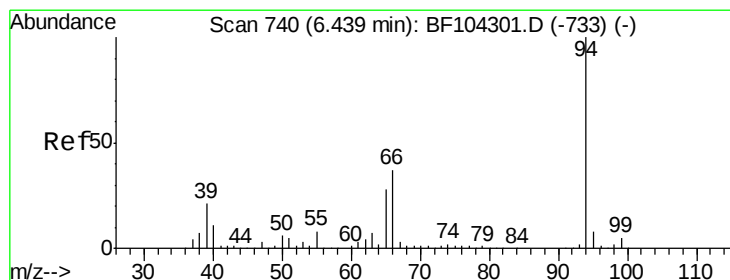
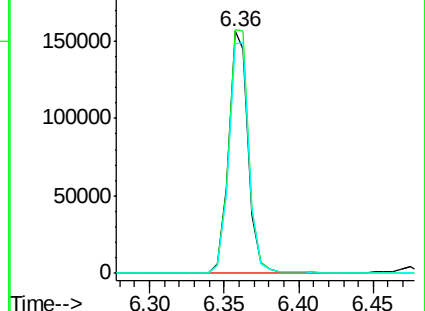
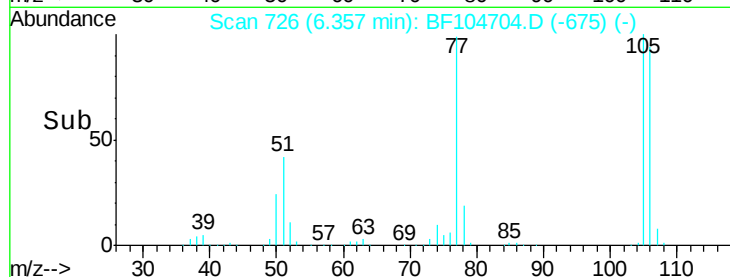
106 95.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 32.240 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

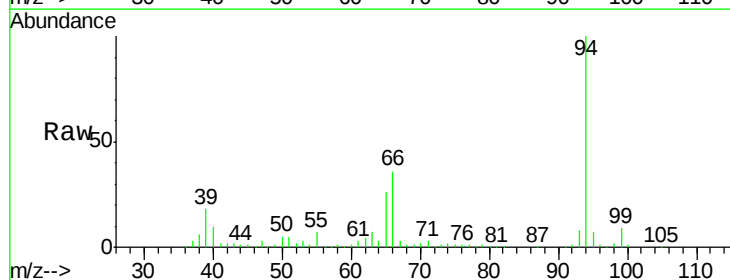
Tgt Ion: 94 Resp: 300304

Ion Ratio Lower Upper

94 100

65 26.1 7.9 47.9

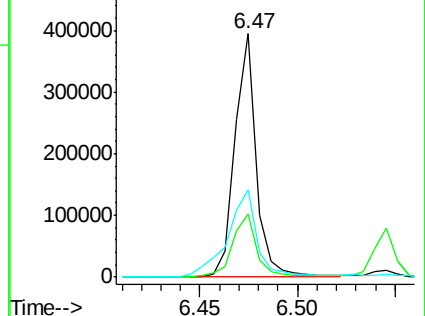
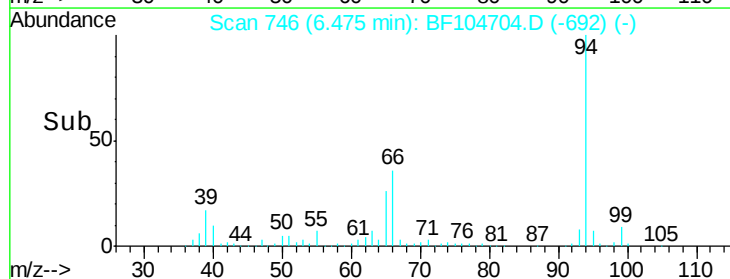
66 36.0 16.2 56.2

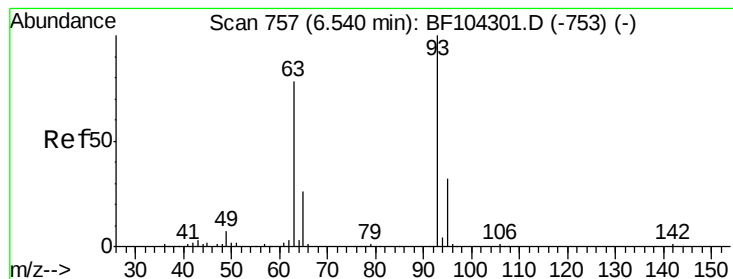


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.560 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

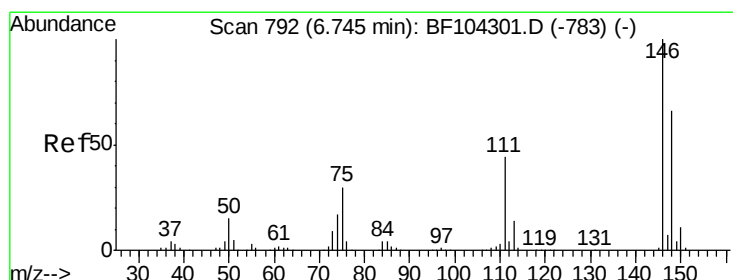
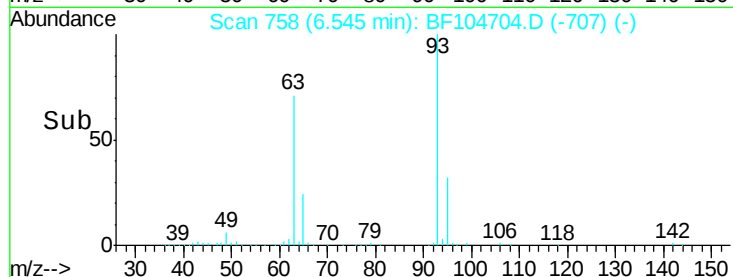
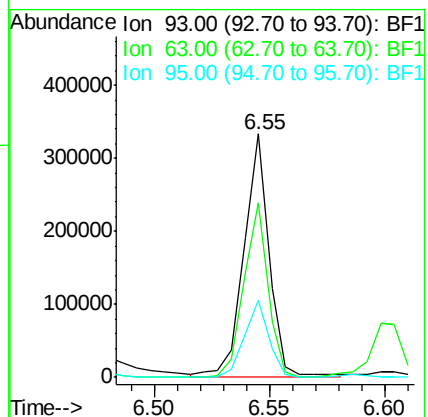
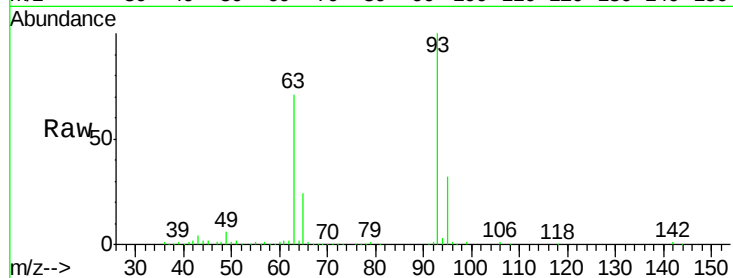
Tot Ion: 93 Resp: 256891

Ion Ratio Lower Upper

93 100

63 71.4 58.6 98.6

95 31.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 31.592 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

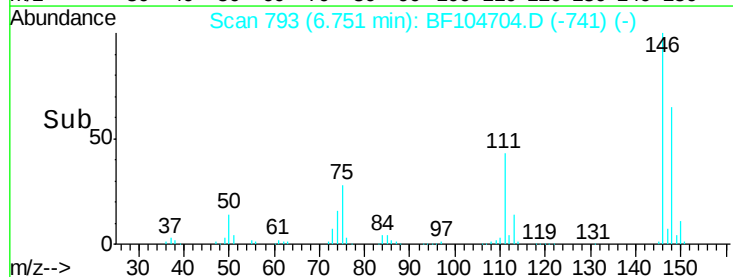
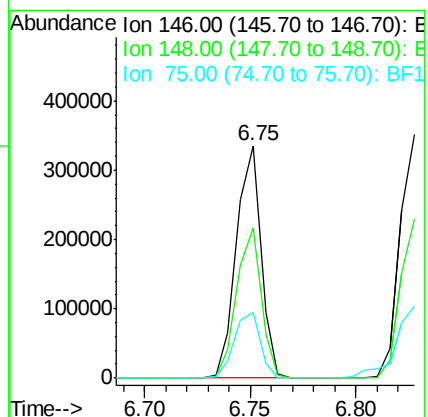
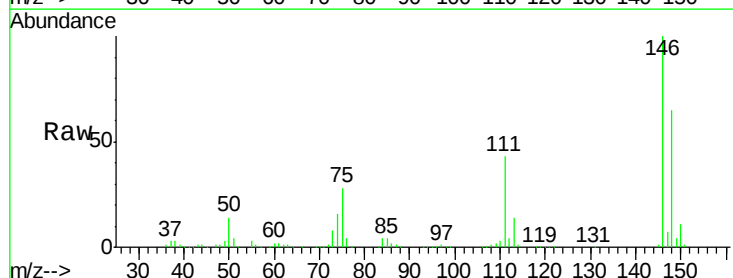
Tgt Ion: 146 Resp: 269899

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 28.1 24.2 36.4

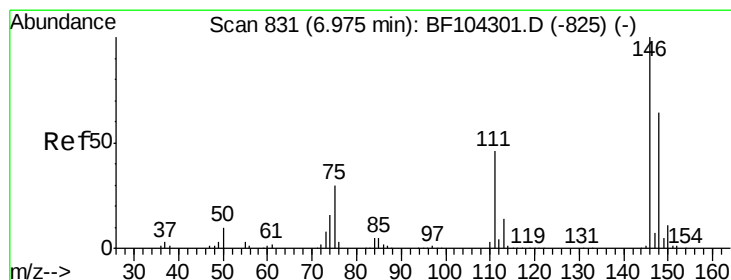
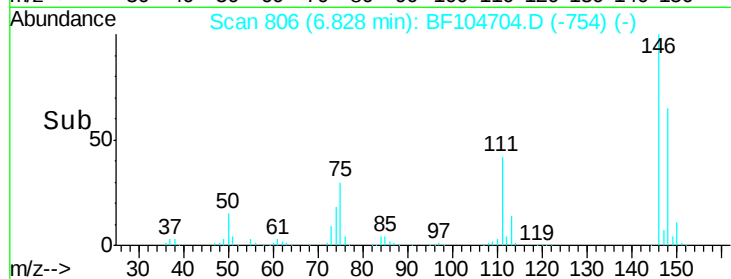
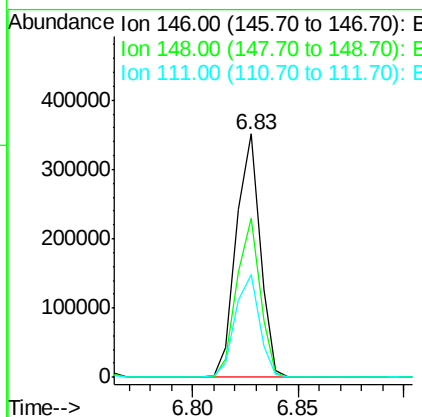
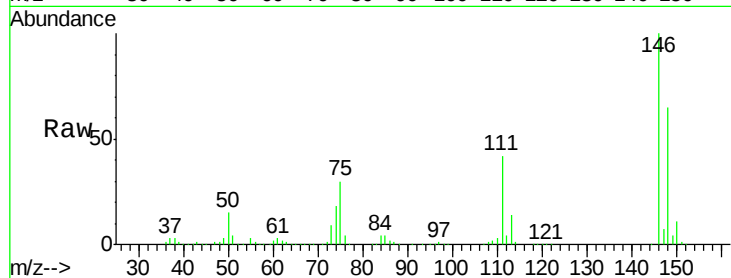




#13
 1,4-Dichlorobenzene
 Concen: 32.243 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

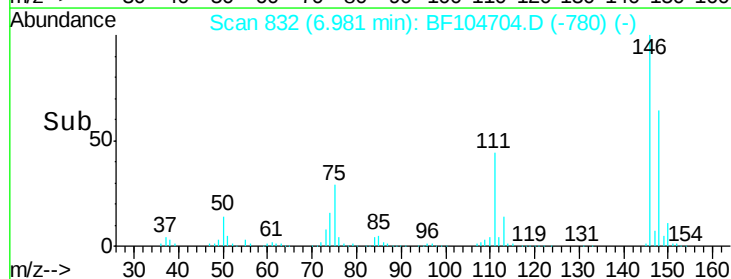
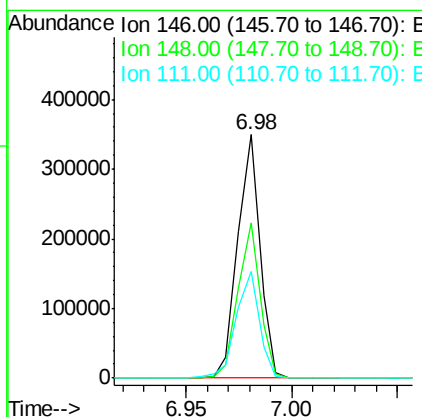
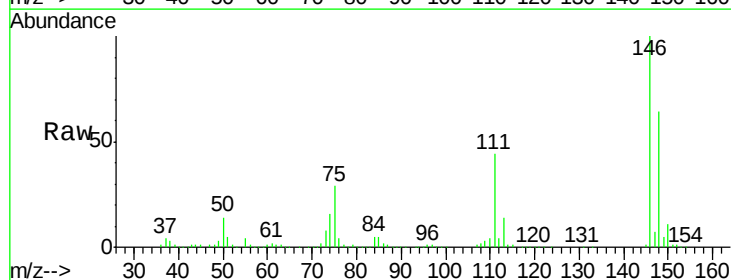
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 274593
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.8 76.2
 111 42.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 32.177 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

Tgt Ion:146 Resp: 253940
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 43.9 36.0 54.0

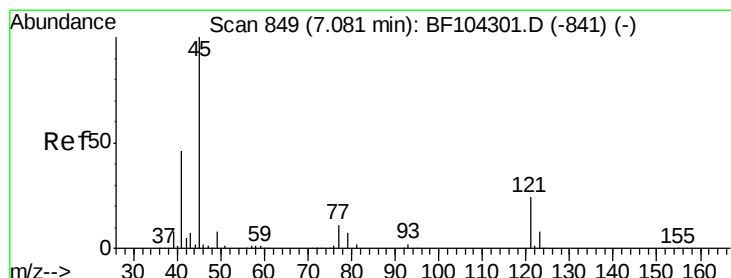
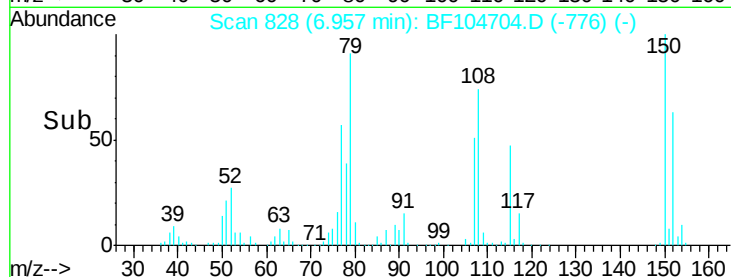
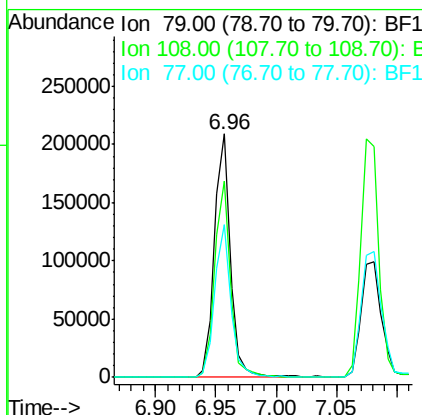
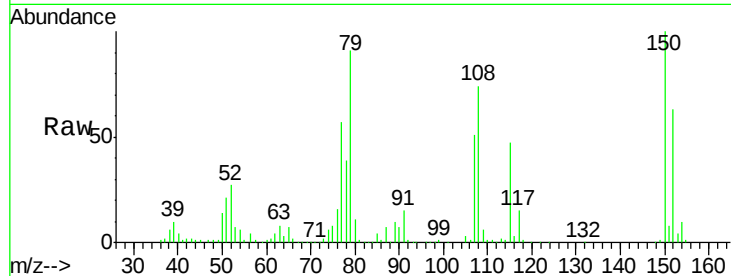




#15
Benzyl Alcohol
Concen: 28.586 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

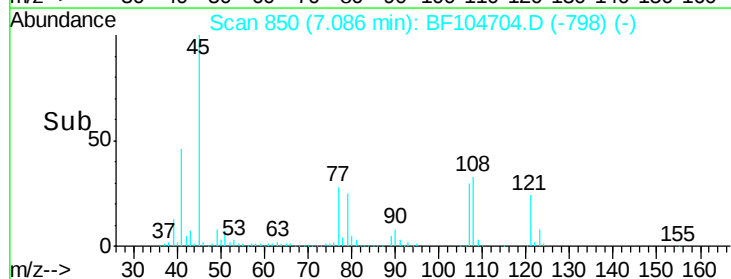
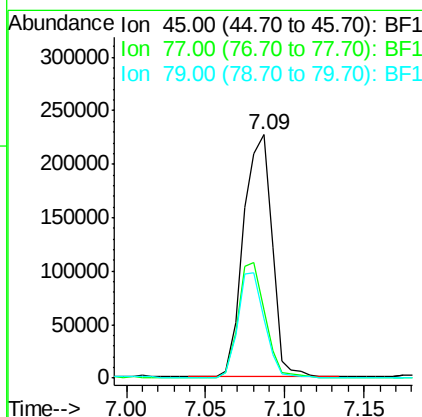
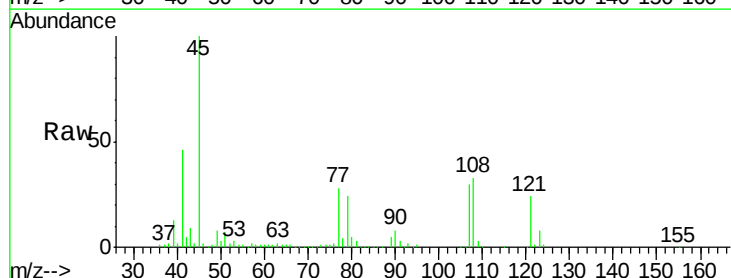
Instrument :
BNA_F
ClientSampled :

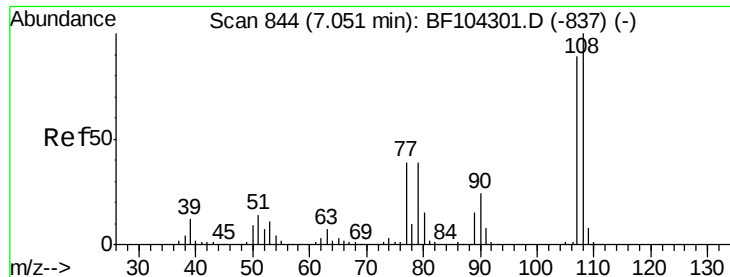
Tot Ion: 79 Resp: 190604
Ion Ratio Lower Upper
79 100
108 80.8 65.1 97.7
77 62.9 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.002 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

Tgt Ion: 45 Resp: 279523
Ion Ratio Lower Upper
45 100
77 27.9 0.0 32.9
79 24.5 0.0 29.6

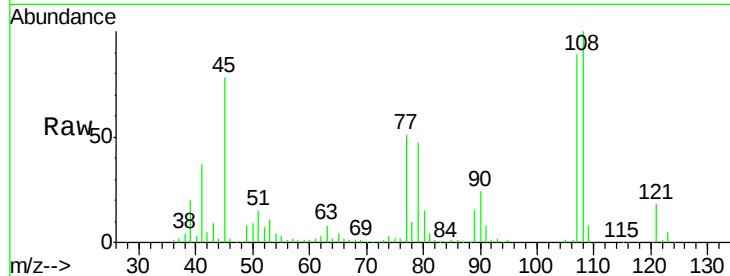




#17
2-Methylphenol
Concen: 29.032 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.7	137.5
77	57.3	33.8	50.8#
79	53.0	33.8	50.8#



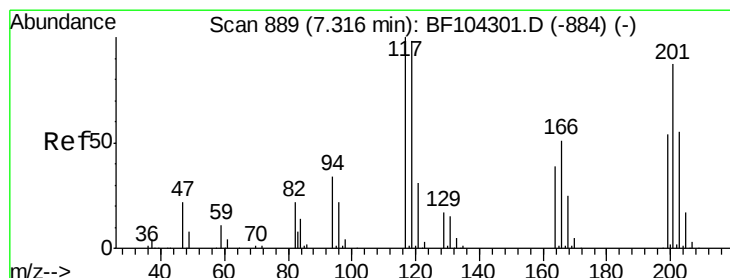
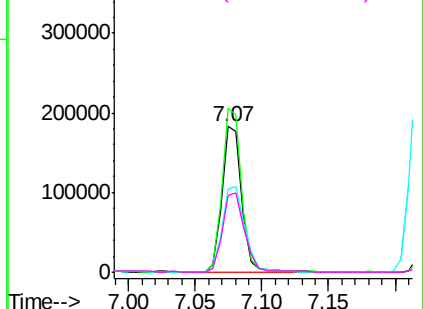
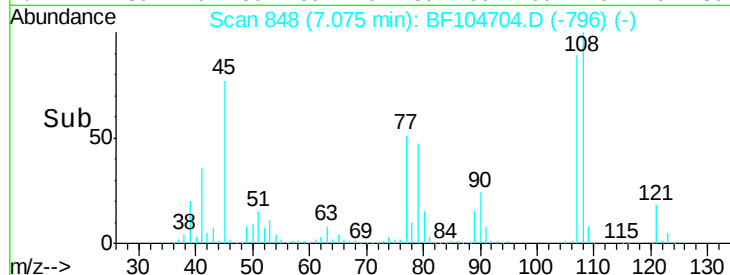
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

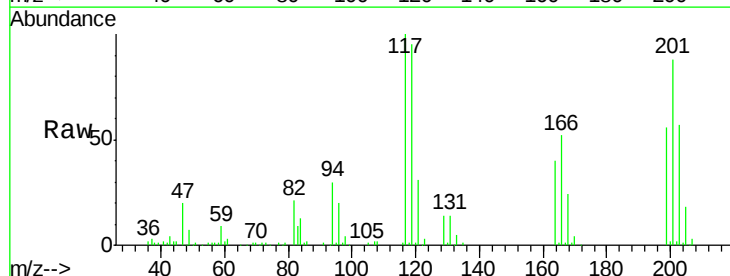
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 20.323 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	87.9	75.7	113.5

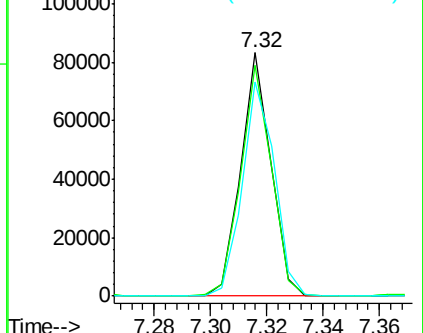
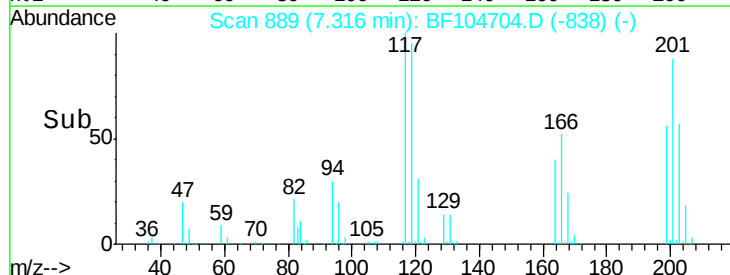


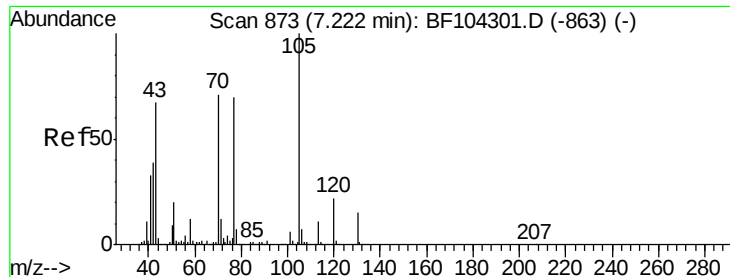
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

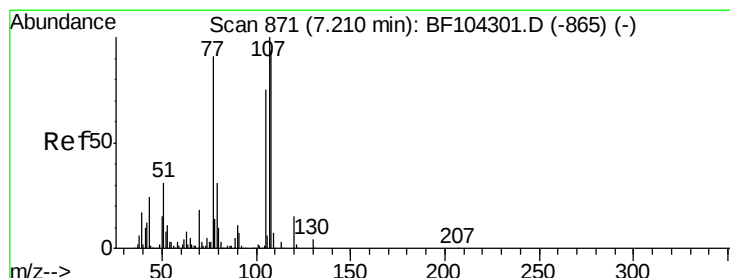
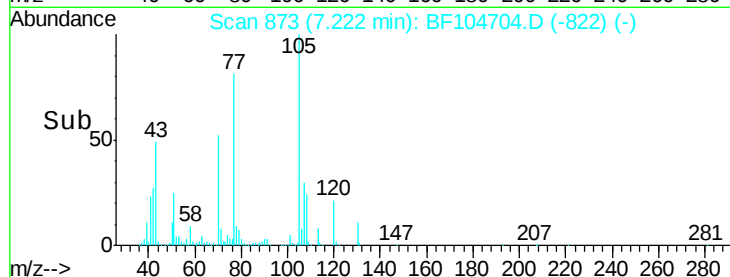
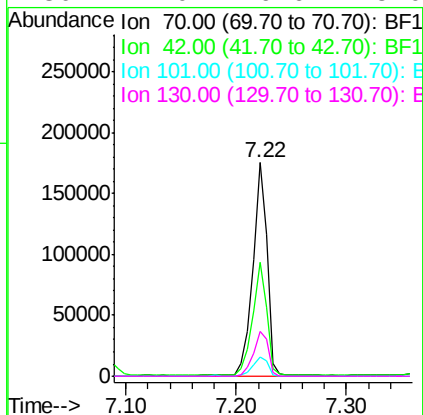
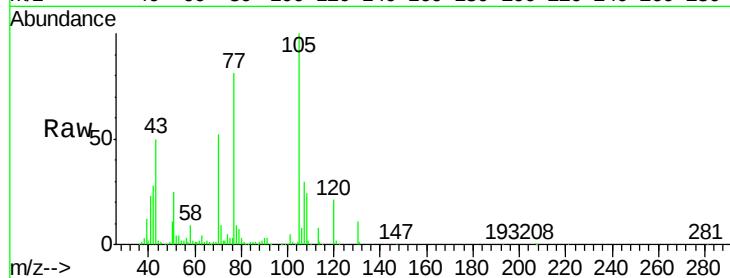




#19
n-Nitroso-di-n-propylamine
Concen: 28.439 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

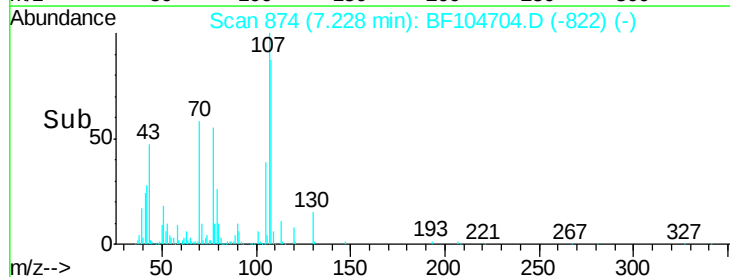
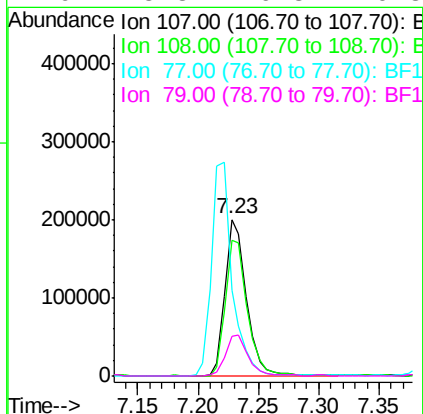
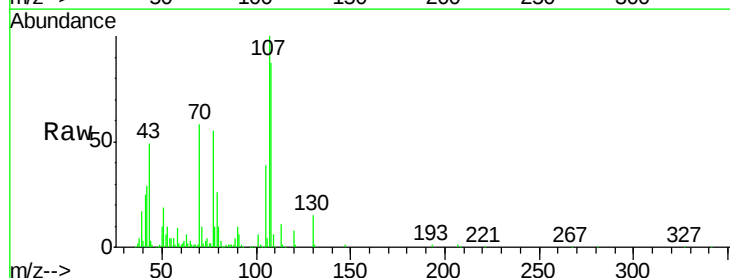
Instrument :
BNA_F
ClientSampleId :

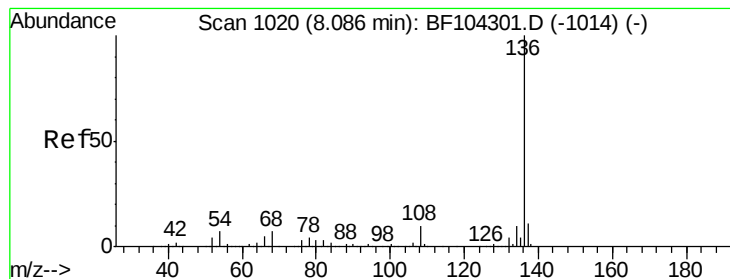
Tot Ion: 70 Resp: 163143
Ion Ratio Lower Upper
70 100
42 53.3 47.5 71.3
101 9.3 7.4 11.2
130 21.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 30.320 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

Tgt Ion: 107 Resp: 246500
Ion Ratio Lower Upper
107 100
108 87.0 68.2 108.2
77 55.0 26.7 66.7
79 25.8 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 407281

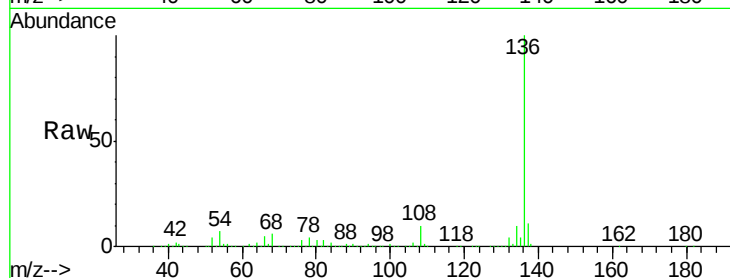
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 6.2 5.0 7.4

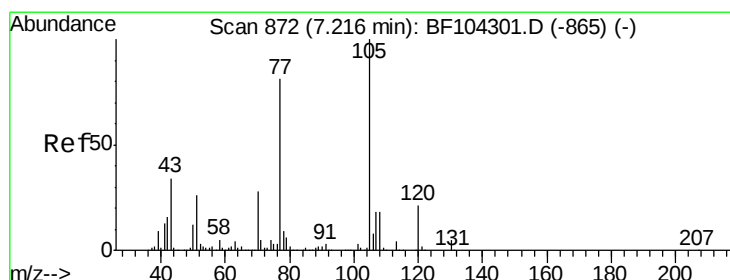
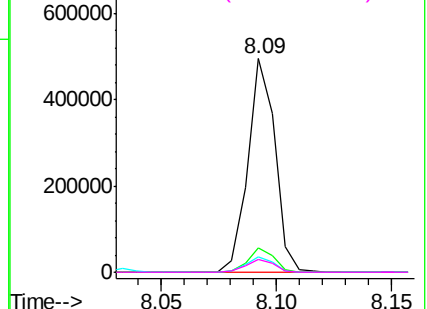
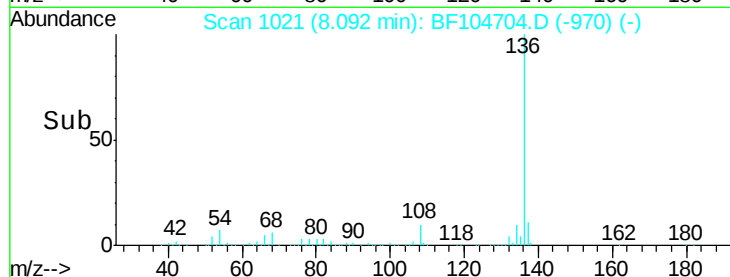


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.655 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Tgt Ion:105 Resp: 337463

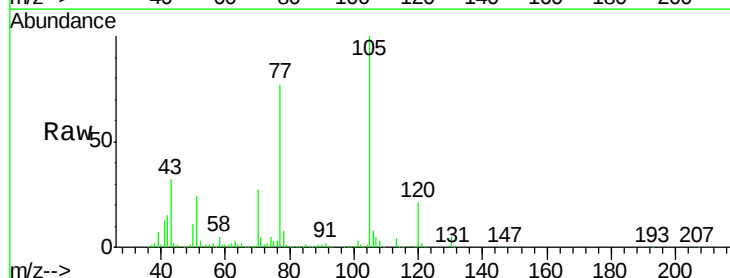
Ion Ratio Lower Upper

105 100

71 5.0 4.4 6.6

51 24.3 22.3 33.5

120 21.1 16.9 25.3

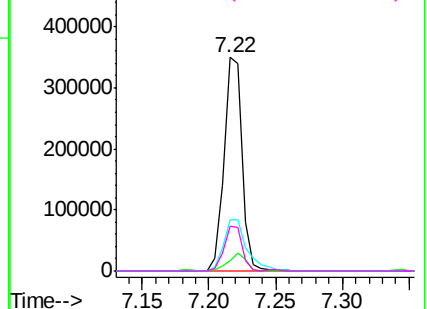
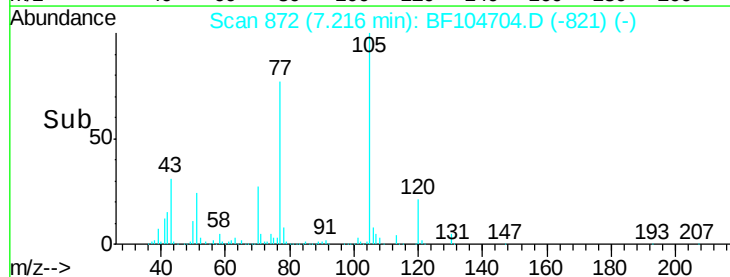


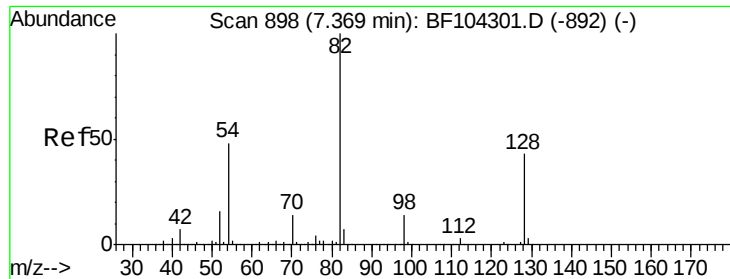
Abundance Ion 105.00 (104.70 to 105.70): E

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

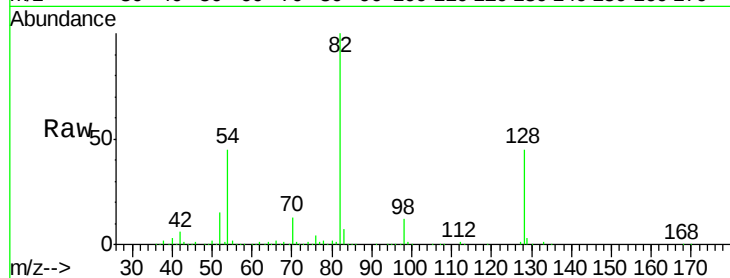




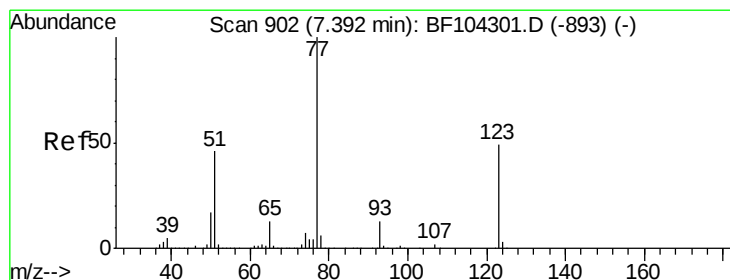
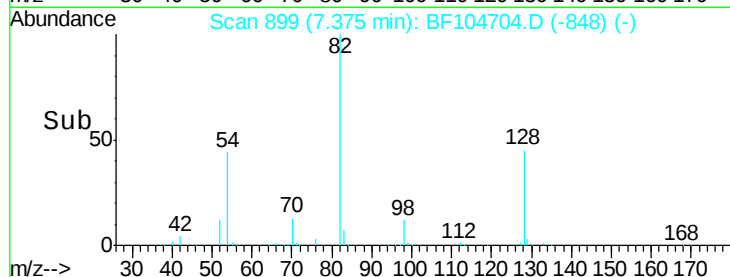
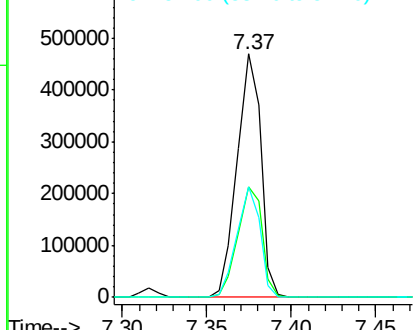
#23
Nitrobenzene-d5
Concen: 73.893 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	460887
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.1	54.1
54	45.3	41.4	62.2

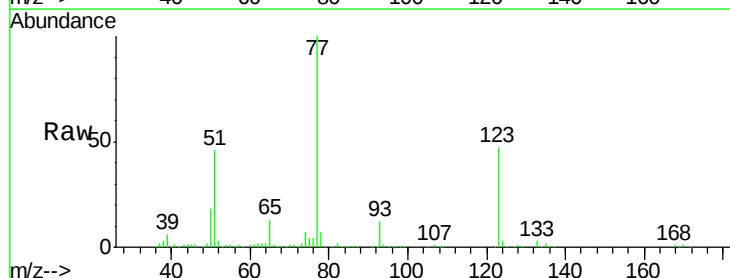


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

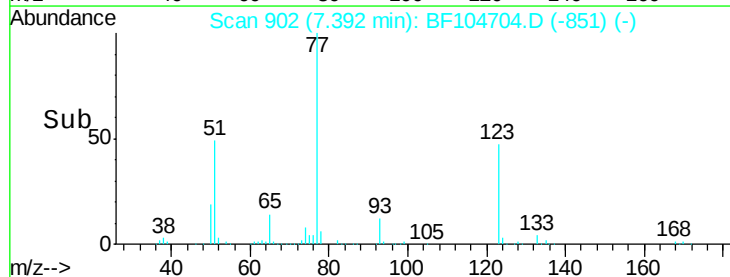
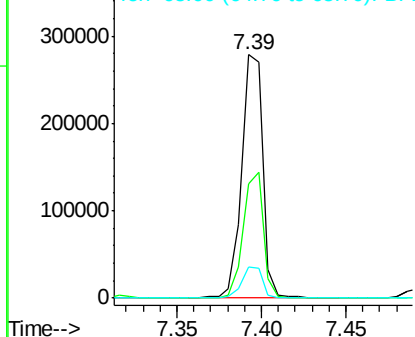


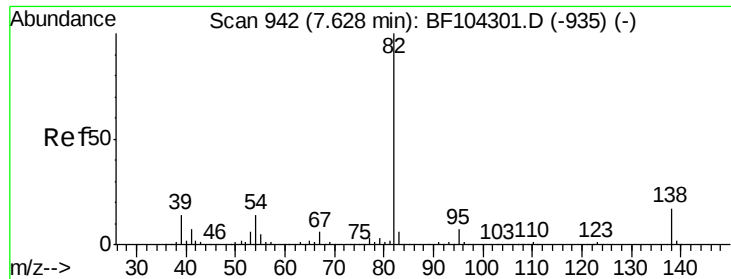
#24
Nitrobenzene
Concen: 34.805 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

Tgt Ion	77	Resp	239680
Ion Ratio	Lower	Upper	
77	100		
123	46.9	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: 32.465 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

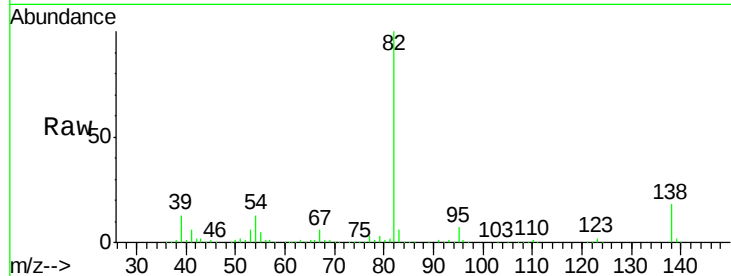
Tot Ion: 82 Resp: 428197

Ion Ratio Lower Upper

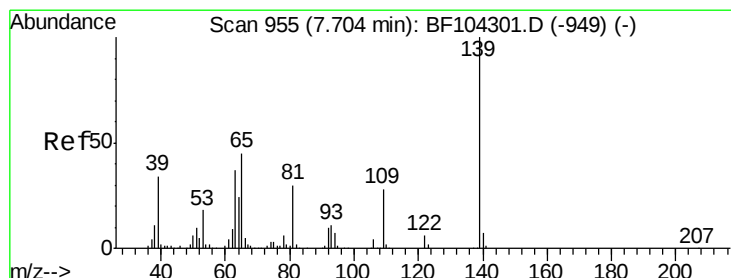
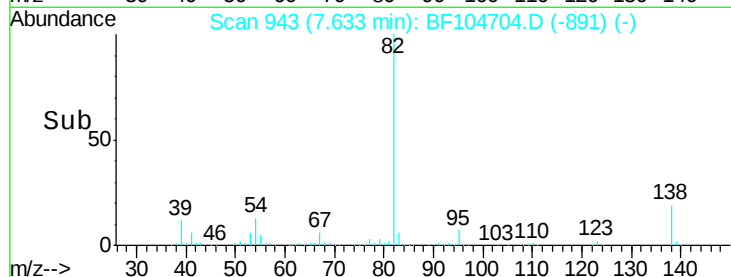
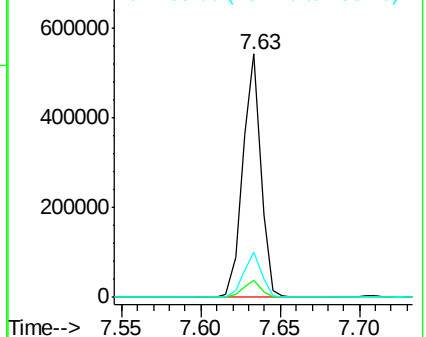
82 100

95 7.2 5.2 7.8

138 18.5 14.9 22.3



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



#26

2-Nitrophenol

Concen: 34.726 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

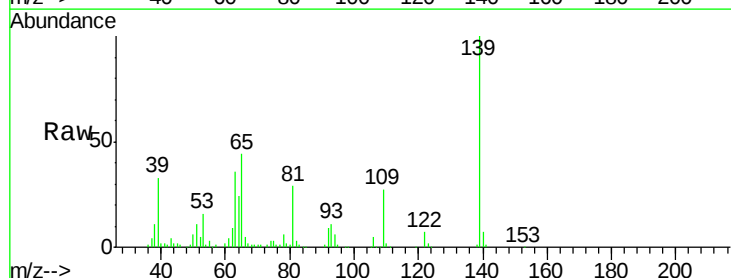
Tgt Ion: 139 Resp: 97352

Ion Ratio Lower Upper

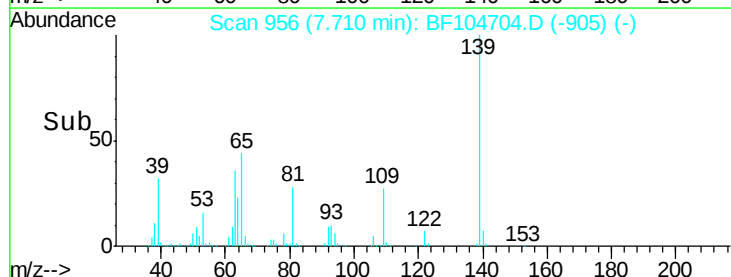
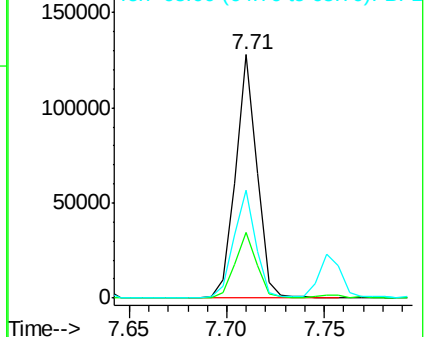
139 100

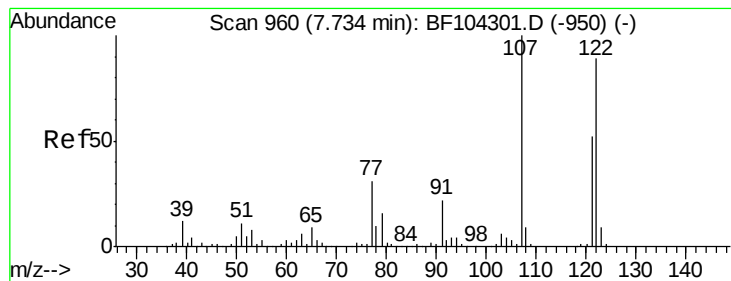
109 26.8 22.7 34.1

65 44.4 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 34.869 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

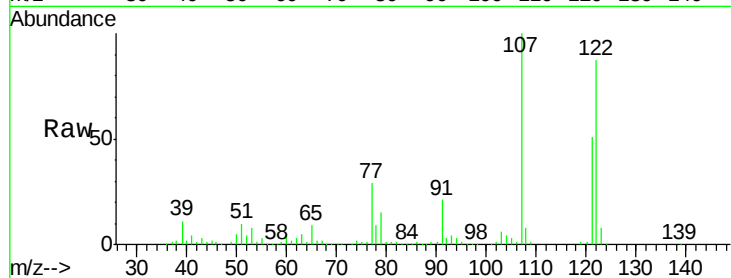
Tot Ion:122 Resp: 202971

Ion Ratio Lower Upper

122 100

107 115.0 91.2 136.8

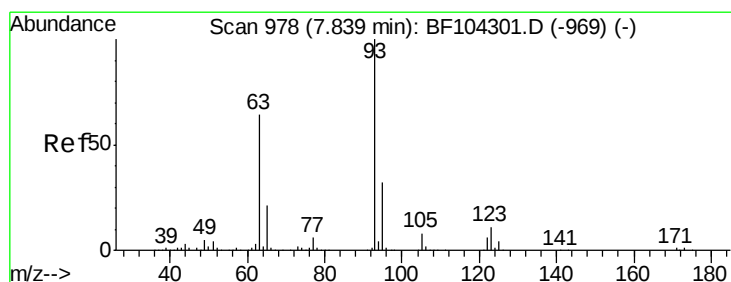
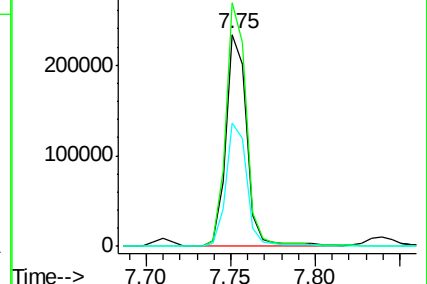
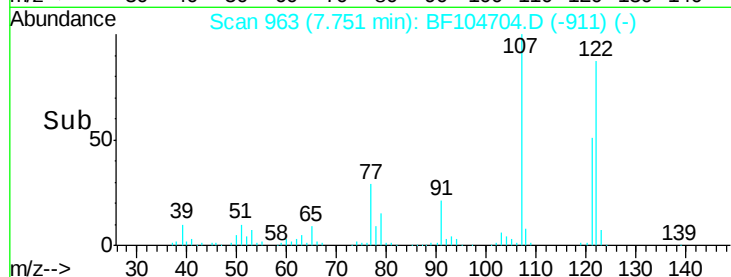
121 58.3 47.2 70.8



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: 35.562 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

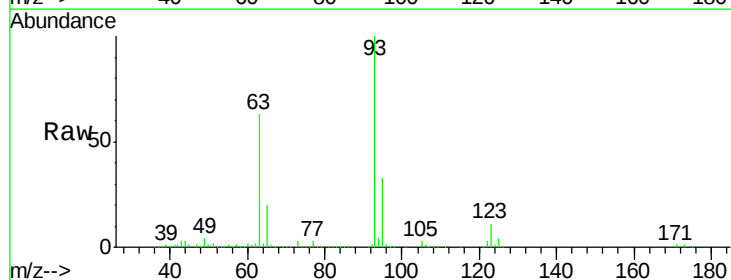
Tgt Ion: 93 Resp: 286778

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

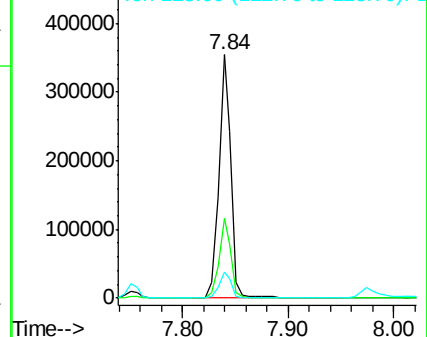
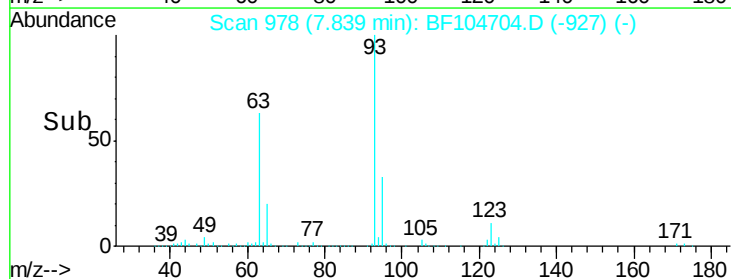
123 10.9 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

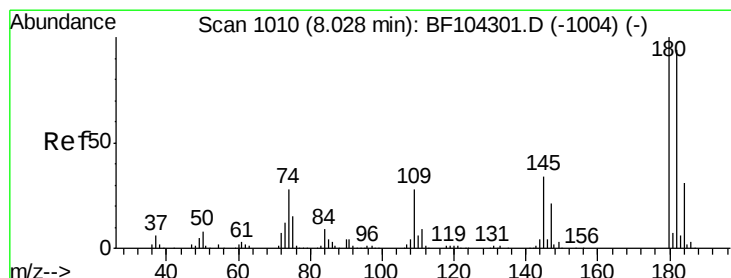
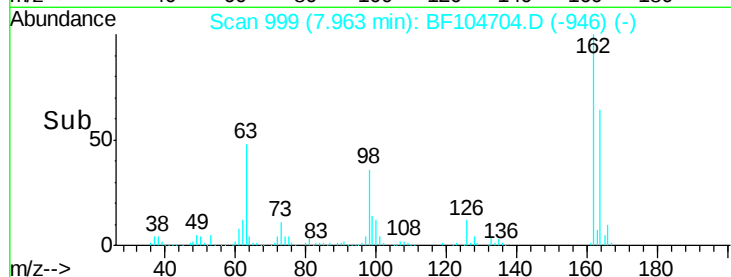
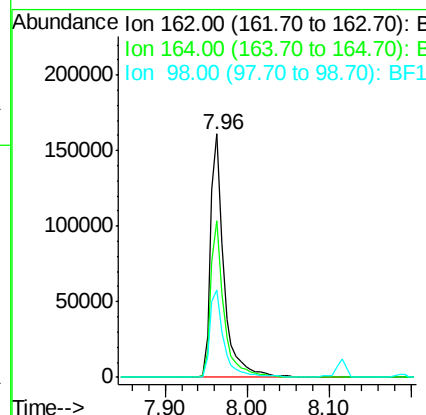
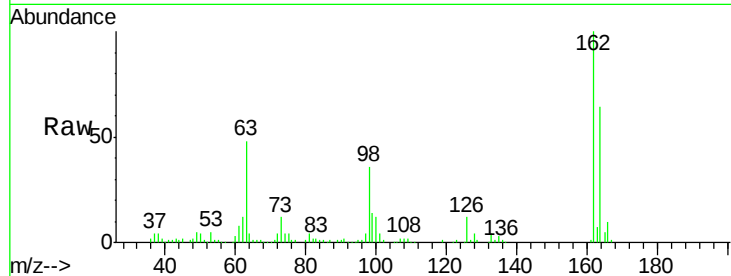




#29
2,4-Dichlorophenol
Concen: 32.892 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

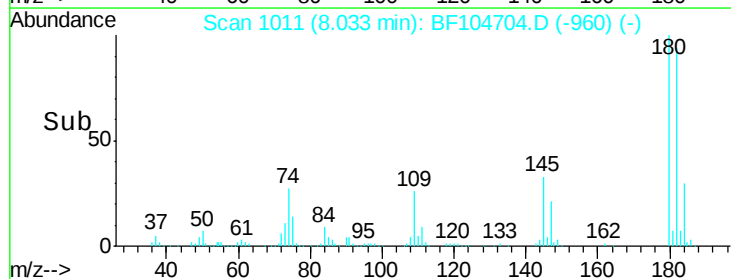
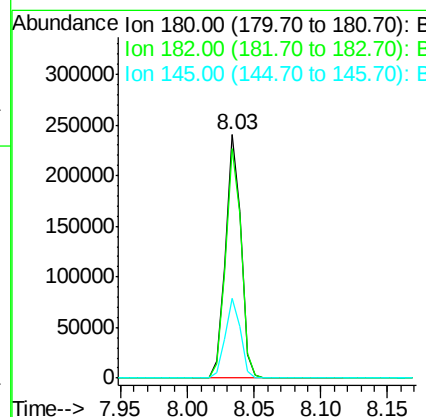
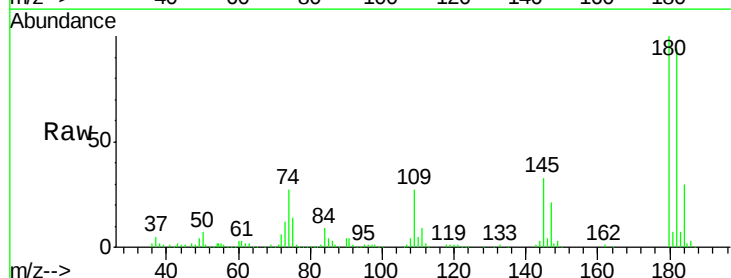
Instrument :
BNA_F
ClientSampleId :

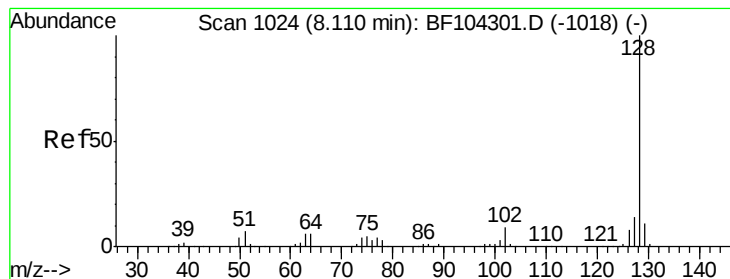
Tot Ion:162 Resp: 182685
Ion Ratio Lower Upper
162 100
164 64.4 42.7 82.7
98 35.8 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 32.513 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

Tgt Ion:180 Resp: 198177
Ion Ratio Lower Upper
180 100
182 94.5 76.8 115.2
145 32.7 26.5 39.7





#31

Naphthalene

Concen: 32.664 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

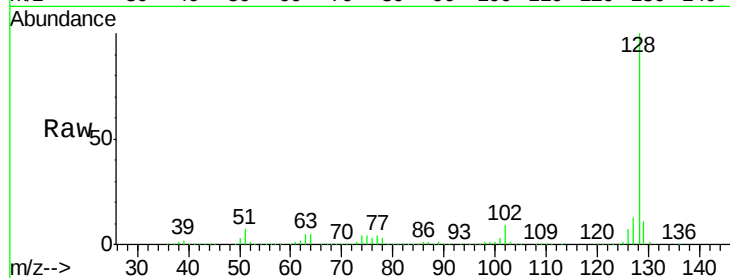
Tot Ion:128 Resp: 662435

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

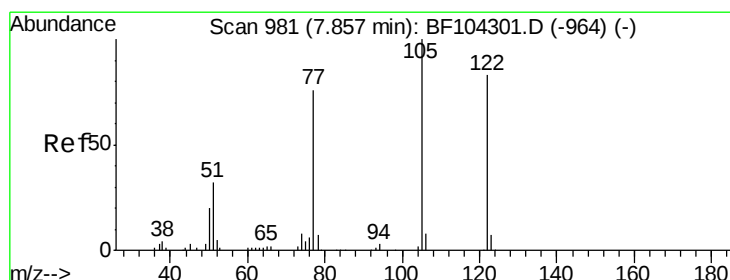
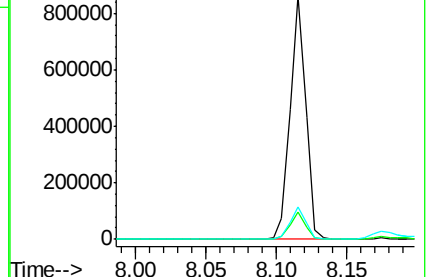
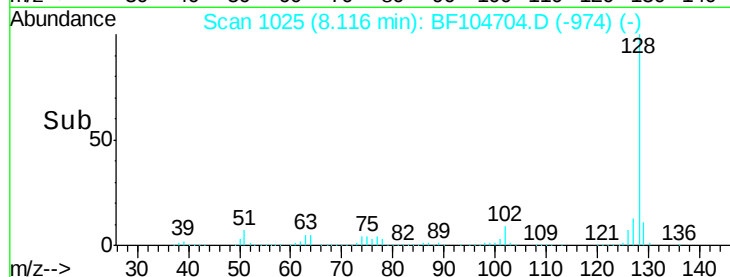
127 13.2 10.9 16.3



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: 2.205 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.04 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

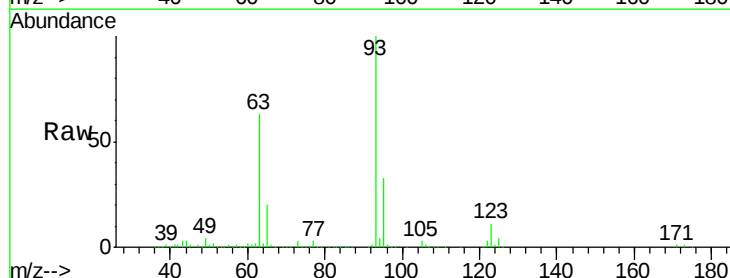
Tgt Ion:122 Resp: 10239

Ion Ratio Lower Upper

122 100

105 124.9 101.1 141.1

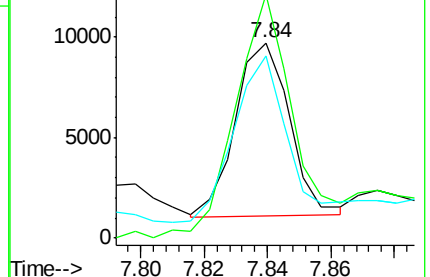
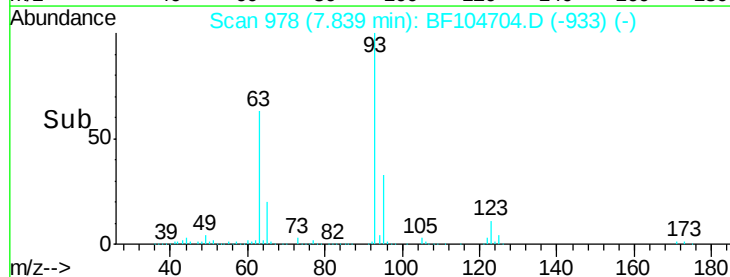
77 93.4 70.7 110.7

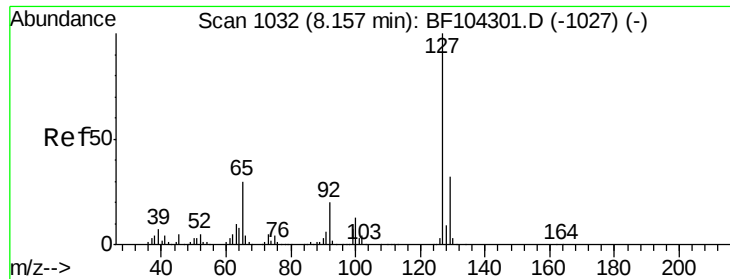


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

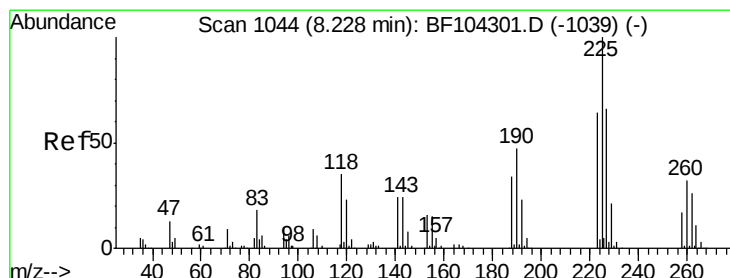
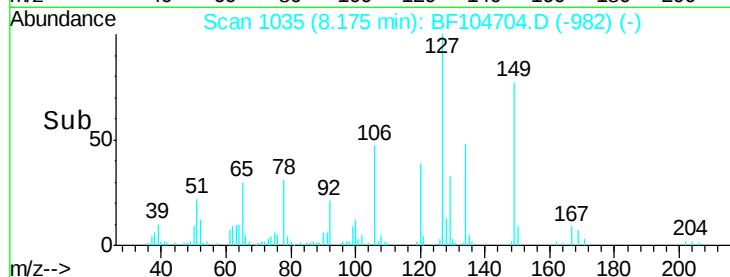
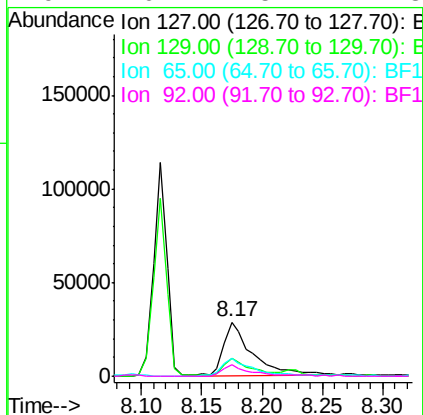
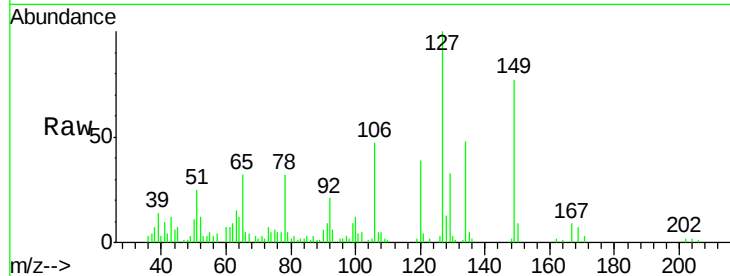




#33
 4-Chloroaniline
 Concen: 5.439 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

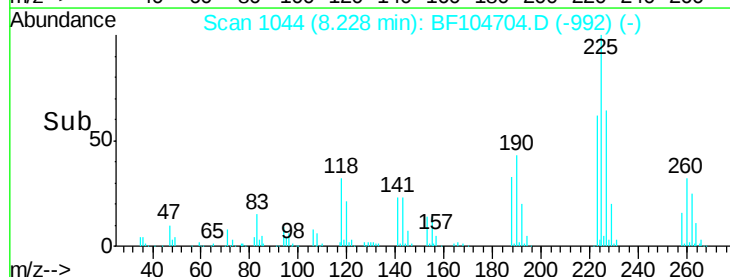
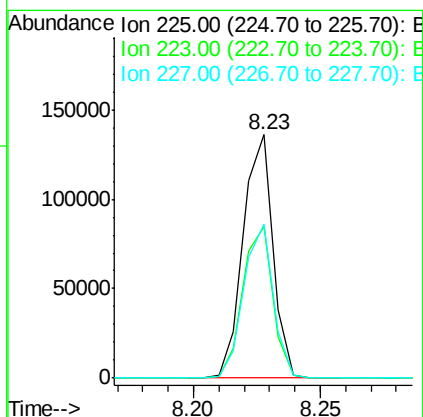
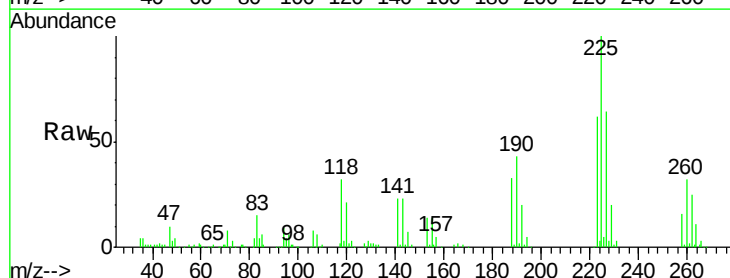
Instrument :
 BNA_F
 ClientSampleId :

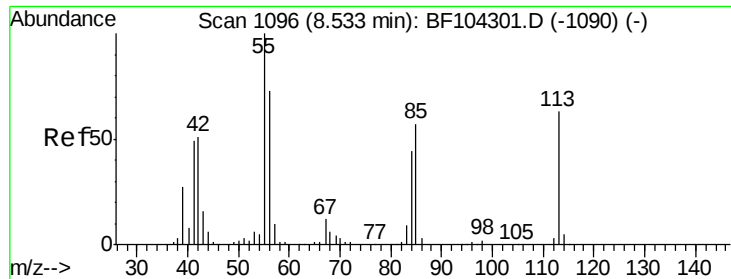
Tot Ion:	127	Resp:	47254
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	32.1	25.0	37.4
92	20.7	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 33.278 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

Tgt Ion:	225	Resp:	111104
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	63.5	51.9	77.9

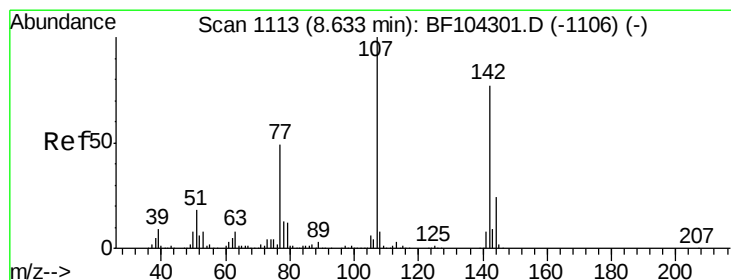
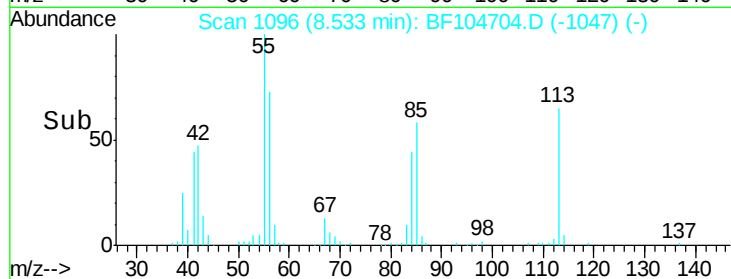
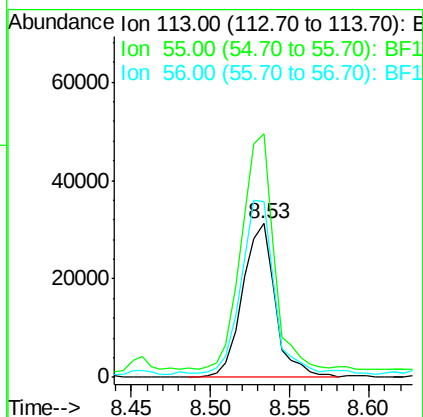
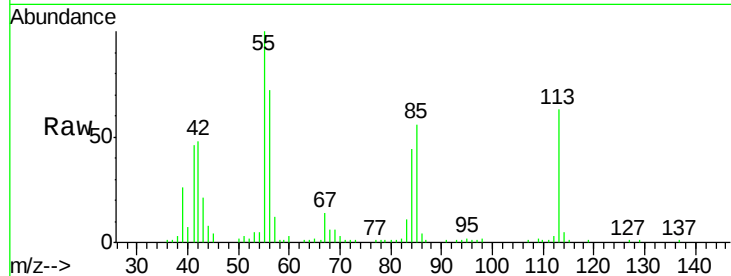




#35
 Caprolactam
 Concen: 23.163 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

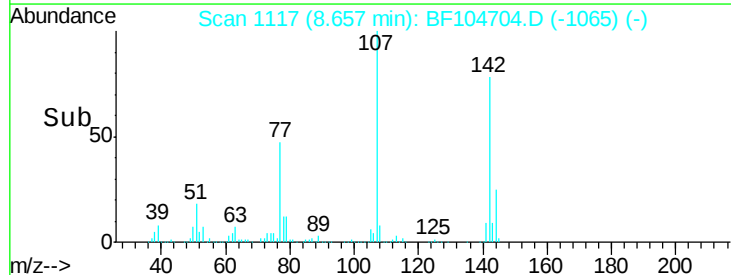
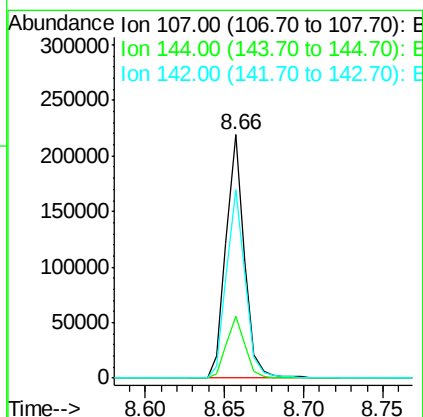
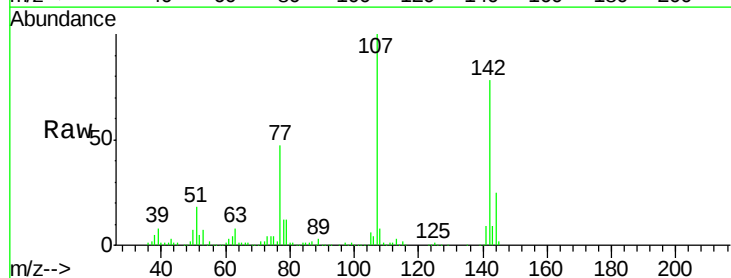
Instrument :
 BNA_F
 ClientSampleId :

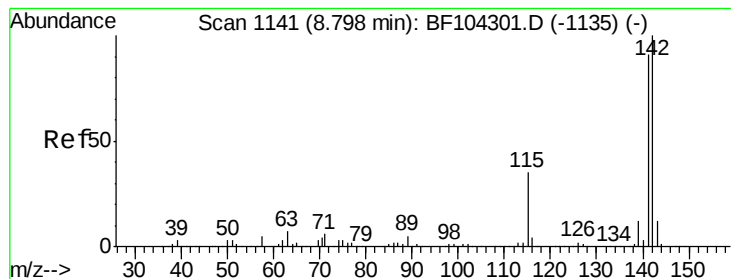
Tot Ion:113 Resp: 44880
 Ion Ratio Lower Upper
 113 100
 55 158.2 163.3 203.3#
 56 113.8 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 29.921 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

Tgt Ion:107 Resp: 178195
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 77.7 62.0 93.0





#37

2-Methylnaphthalene

Concen: 31.880 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

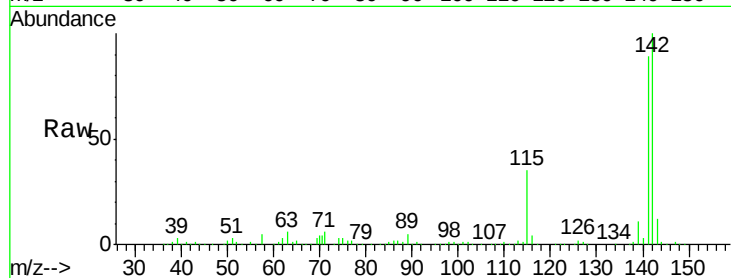
Tot Ion:142 Resp: 418207

Ion Ratio Lower Upper

142 100

141 88.9 70.8 106.2

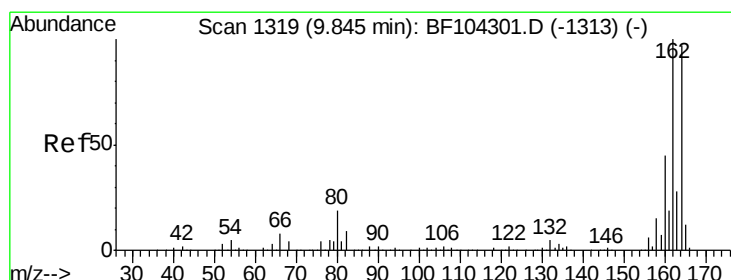
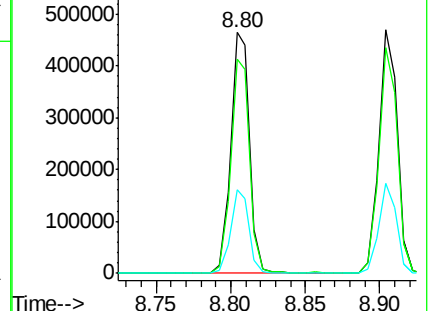
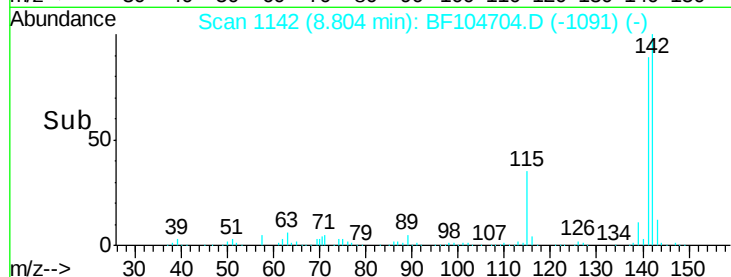
115 34.6 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

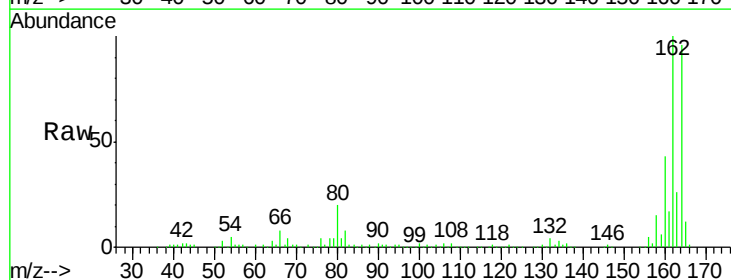
Tgt Ion:164 Resp: 163116

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

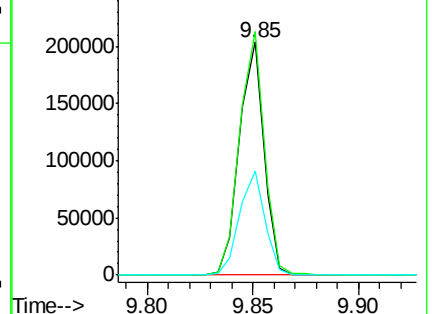
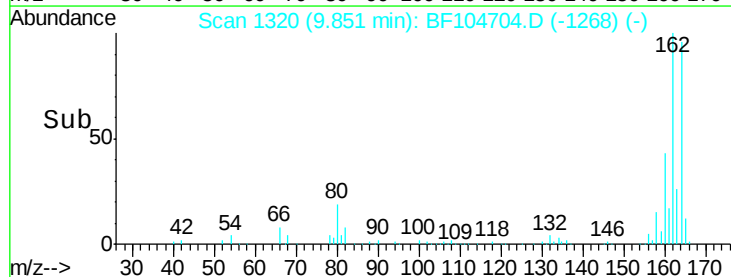
160 44.7 38.3 57.5

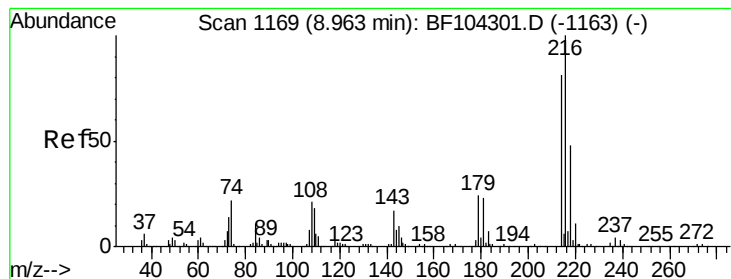


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.670 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 175894

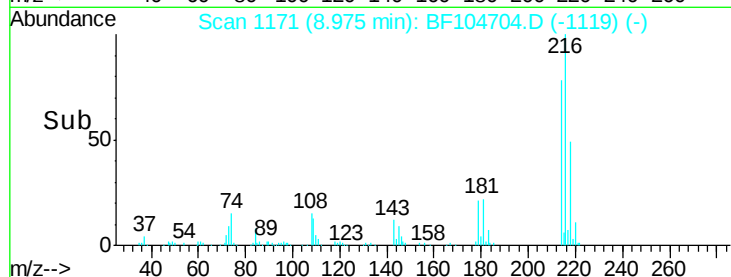
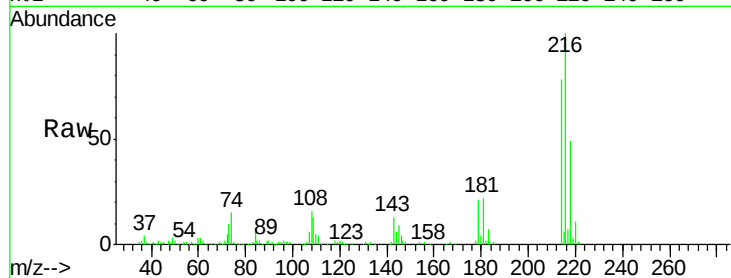
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 22.6 18.1 27.1

108 18.7 17.2 25.8

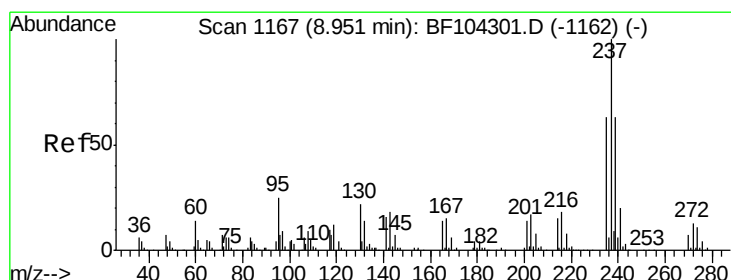
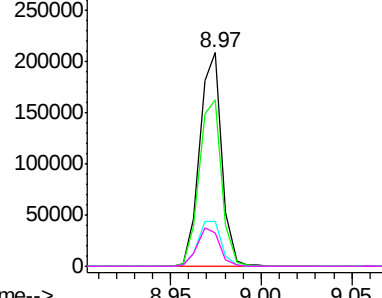


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 2.212 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

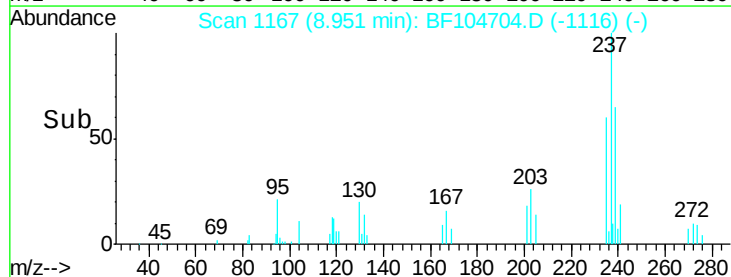
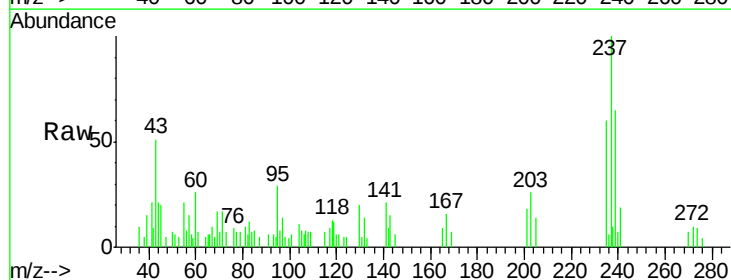
Tgt Ion:237 Resp: 5782

Ion Ratio Lower Upper

237 100

235 59.7 44.8 84.8

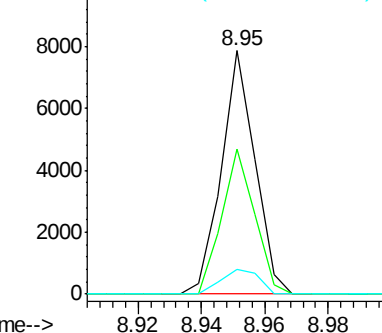
272 10.1 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

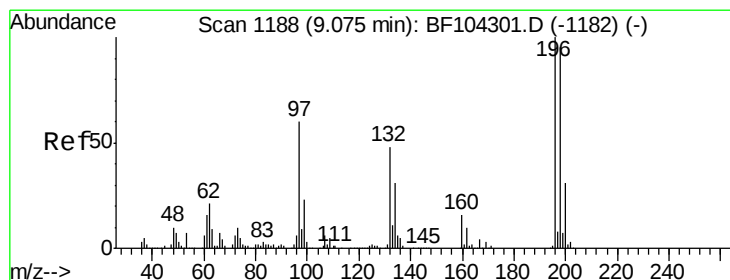
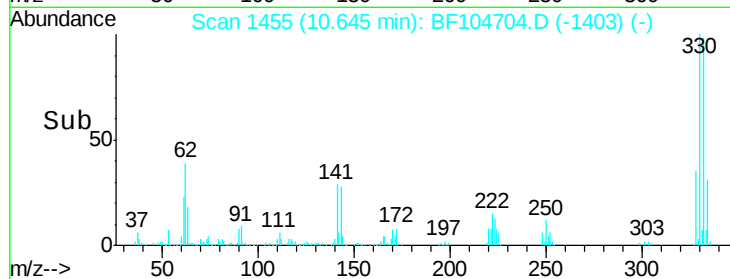
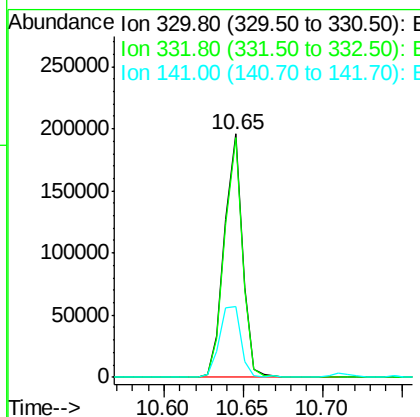
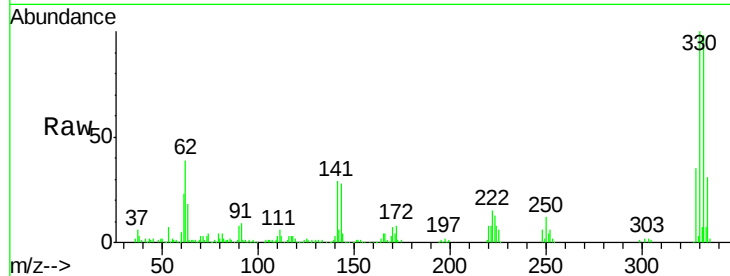




#41
 2,4,6-Tribromophenol
 Concen: 92.679 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

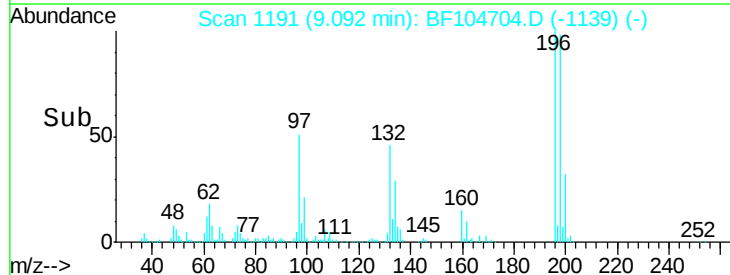
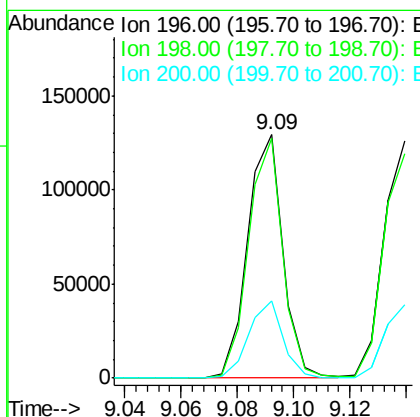
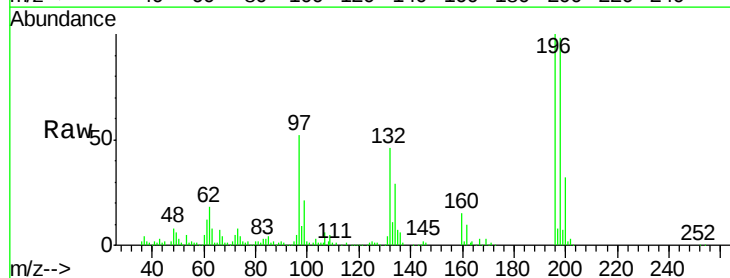
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	330	Resp	156818
Ion Ratio	100	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	33.6	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 34.579 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

Tgt Ion	196	Resp	112083
Ion Ratio	100	Lower	Upper
196	100		
198	98.3	75.7	113.5
200	31.6	24.5	36.7

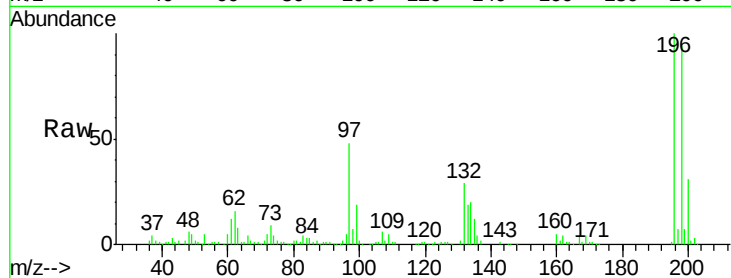




#43
 2,4,5-Trichlorophenol
 Concen: 31.978 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		115990		
198	94.3	74.6	112.0		
97	48.0	42.9	64.3		
132	29.2	26.3	39.5		



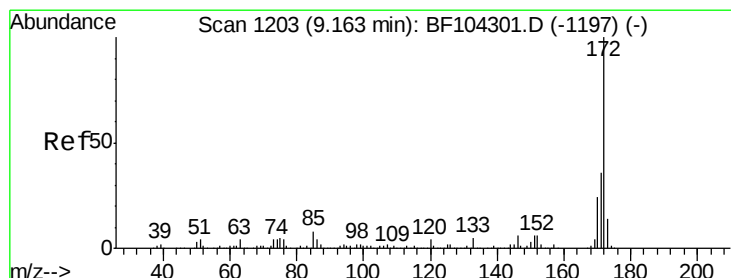
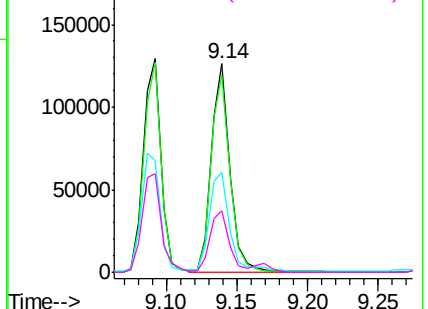
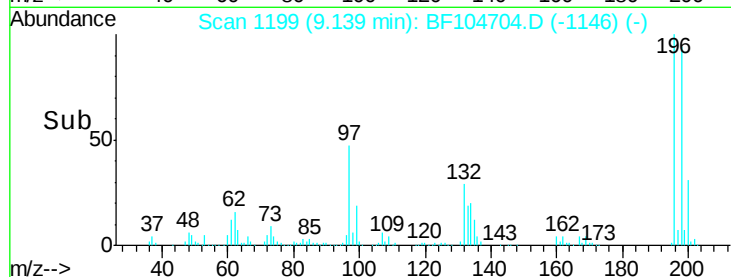
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

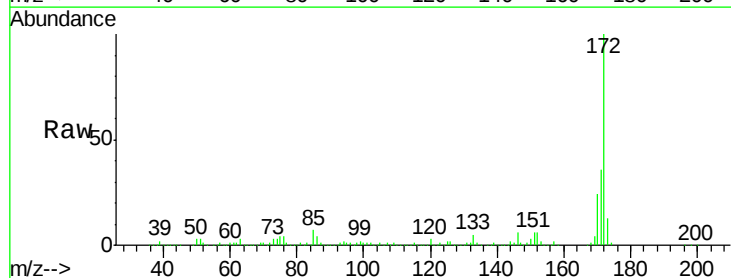
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.998 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		784712		
171	35.8	29.7	44.5		
170	23.9	19.6	29.4		

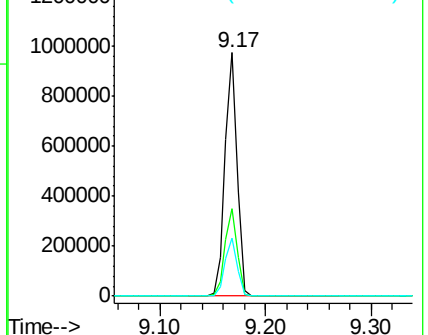
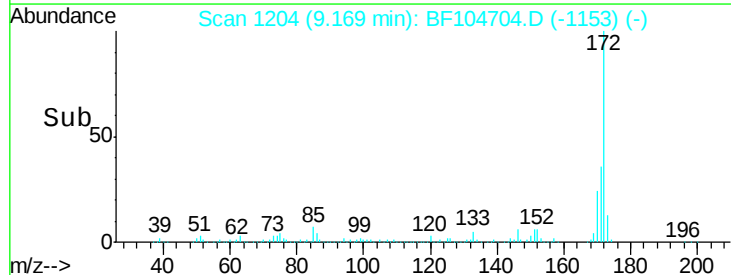


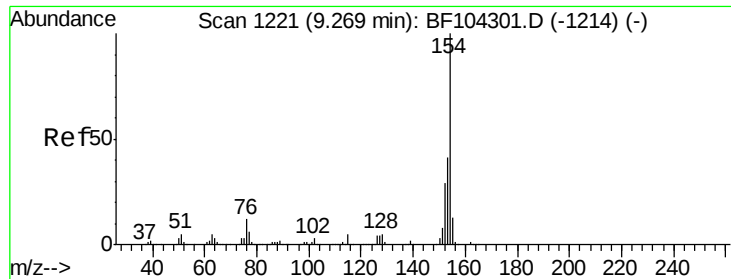
Abundance

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

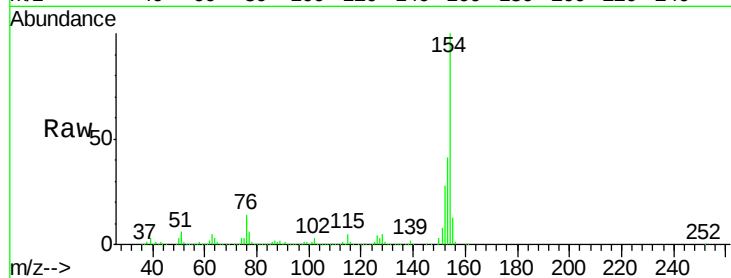




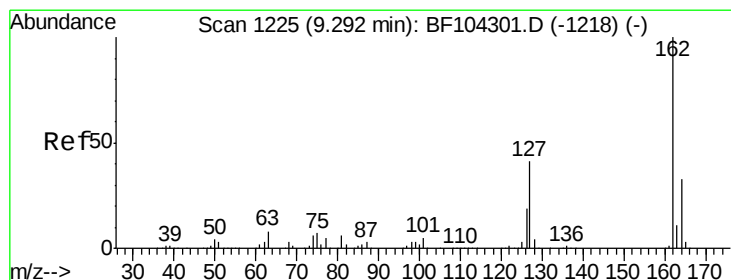
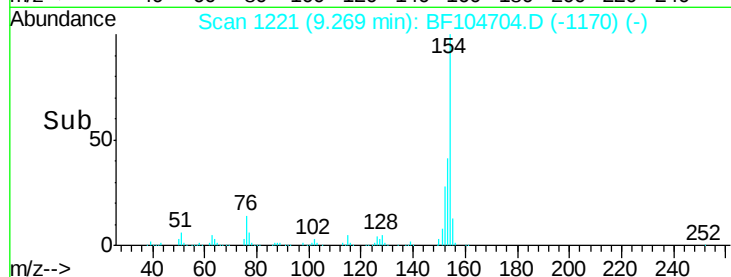
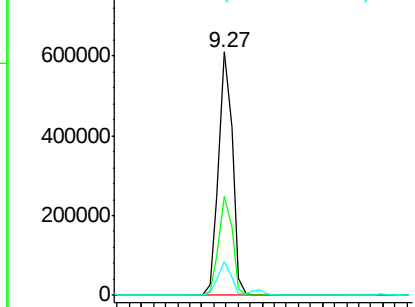
#45
 1,1'-Biphenyl
 Concen: 35.067 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	13.9	0.0	34.0

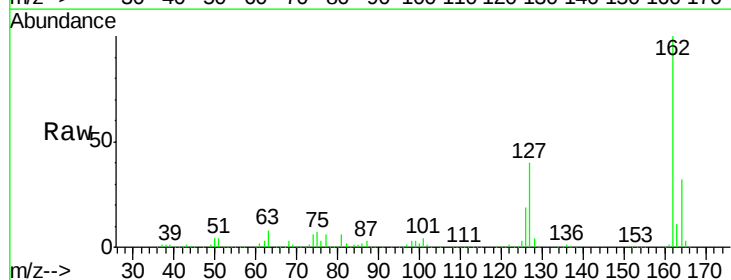


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

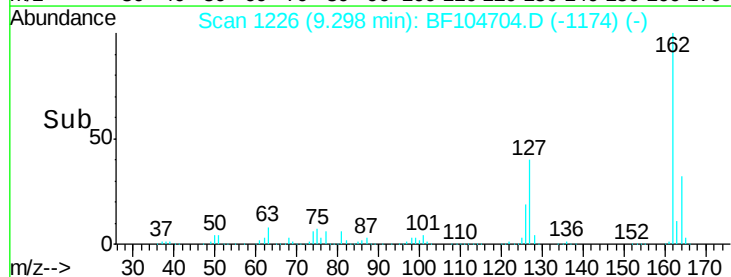
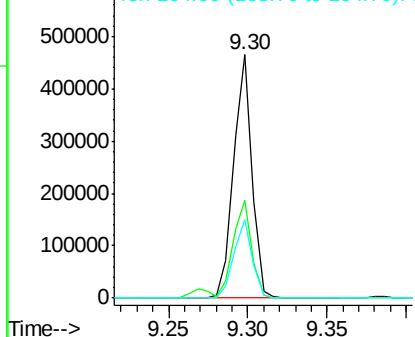


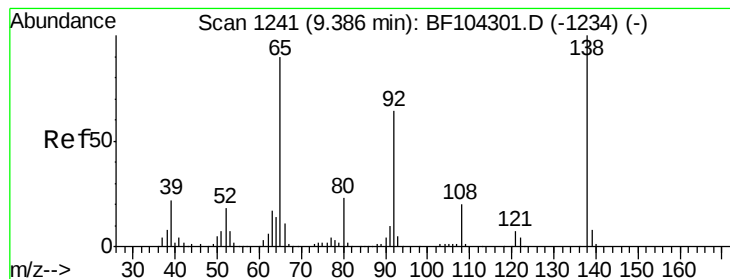
#46
 2-Chloronaphthalene
 Concen: 34.434 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.9	50.9
164	32.0	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: 43.388 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

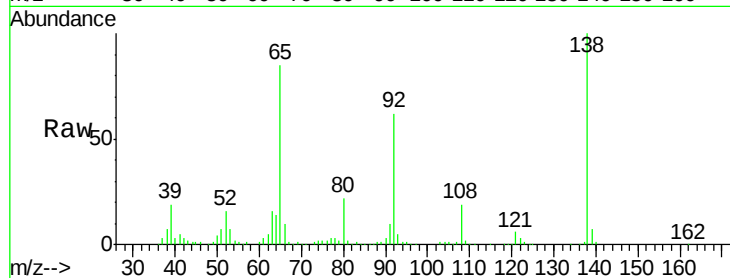
Tot Ion: 65 Resp: 116136

Ion Ratio Lower Upper

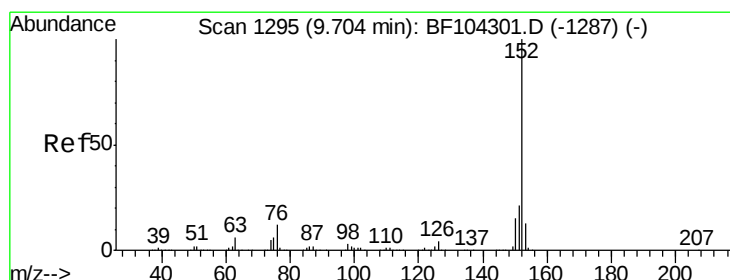
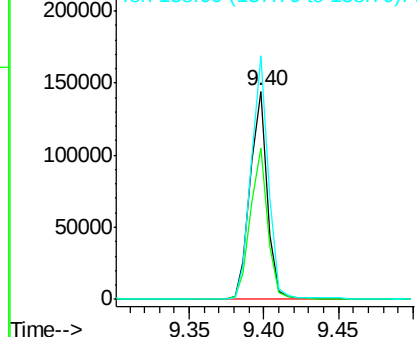
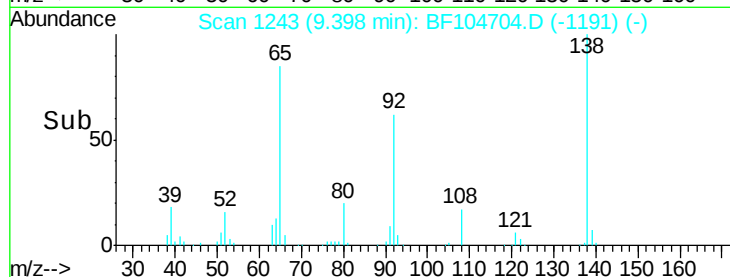
65 100

92 72.9 55.8 83.6

138 117.0 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 30.129 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

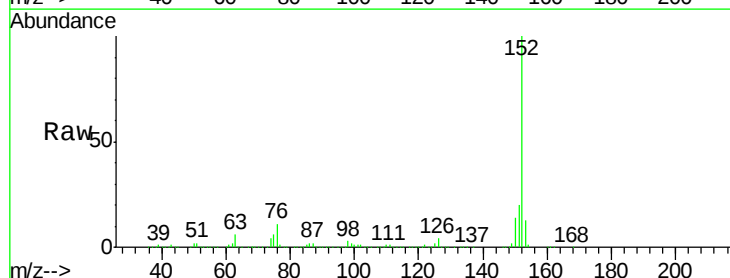
Tgt Ion: 152 Resp: 511636

Ion Ratio Lower Upper

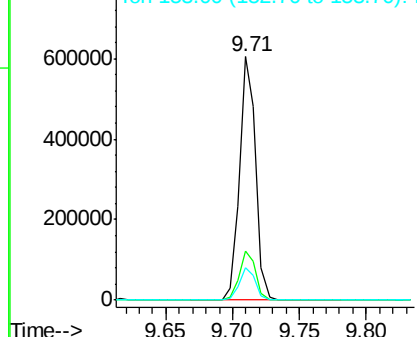
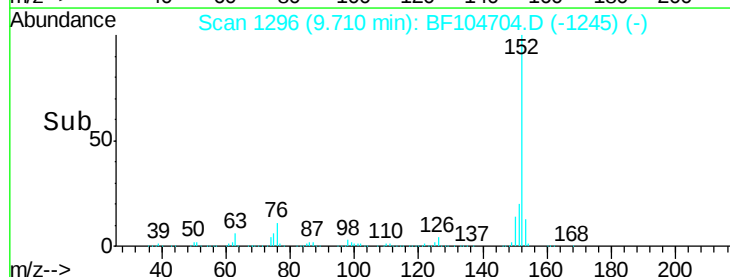
152 100

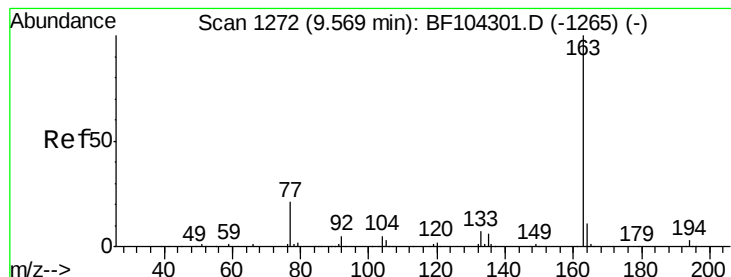
151 20.0 16.3 24.5

153 13.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 37.166 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

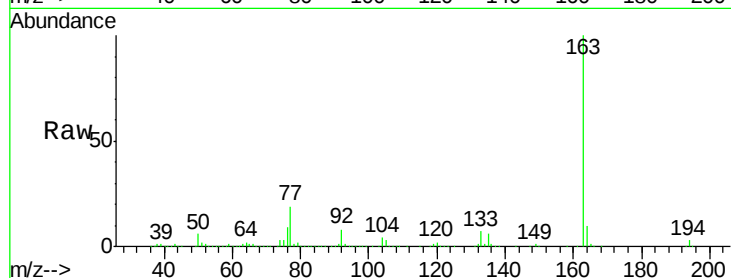
Tot Ion:163 Resp: 478070

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

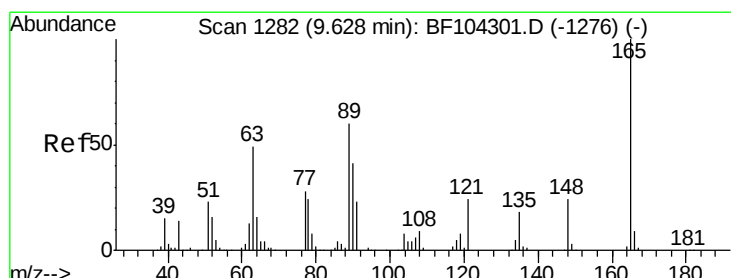
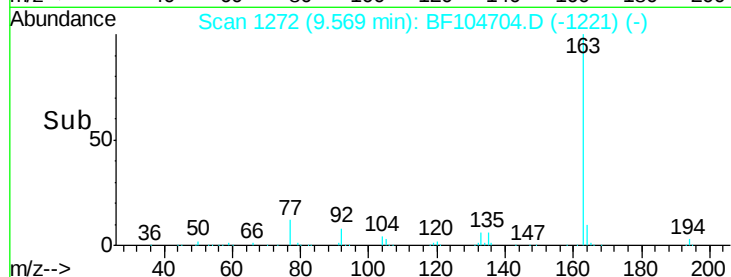
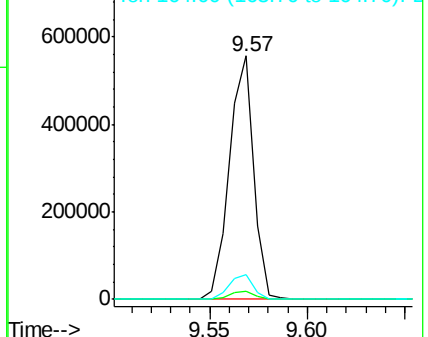
164 10.0 8.2 12.2



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: 28.647 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

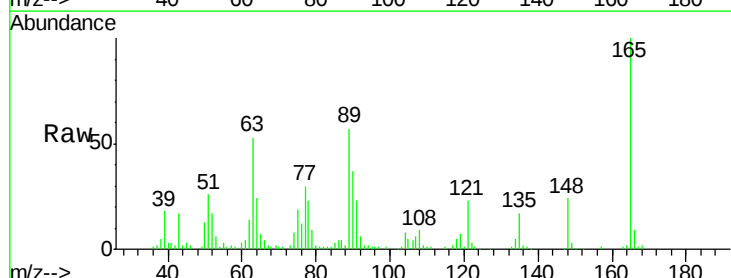
Tgt Ion:165 Resp: 68183

Ion Ratio Lower Upper

165 100

63 52.8 44.7 67.1

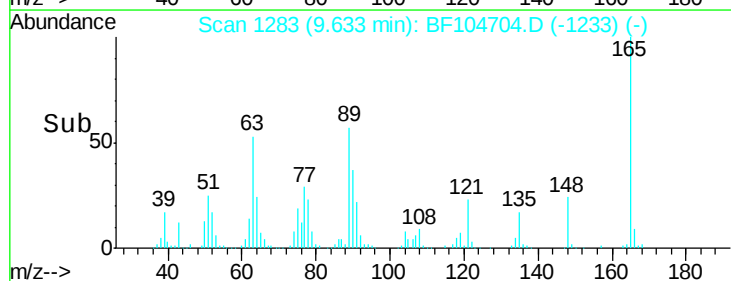
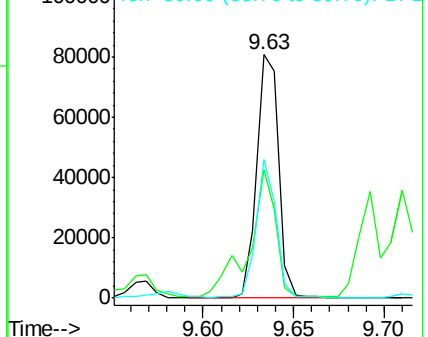
89 56.9 44.0 66.0

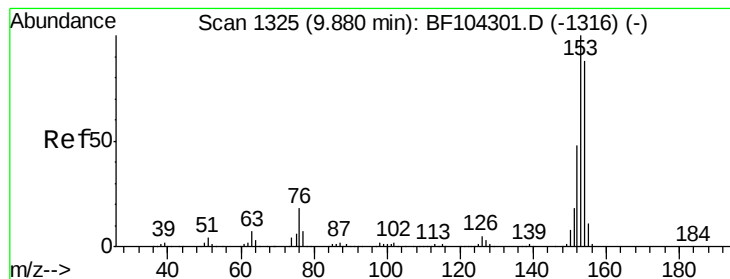


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 30.562 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

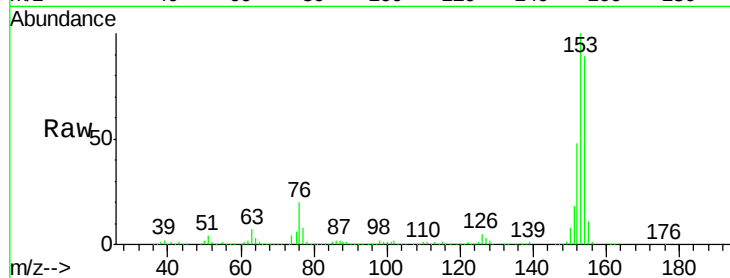
Tot Ion:154 Resp: 316657

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

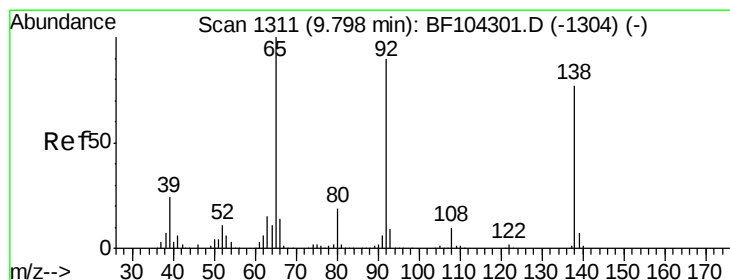
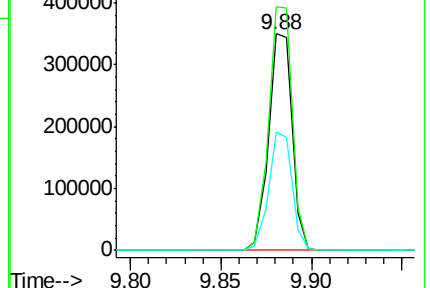
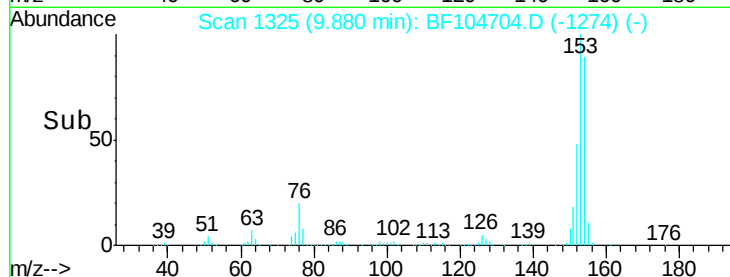
152 54.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.420 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

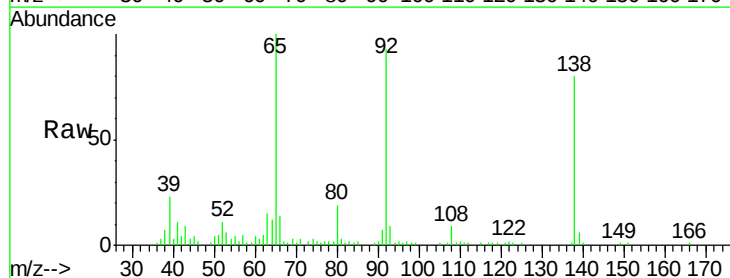
Tgt Ion:138 Resp: 45753

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.0

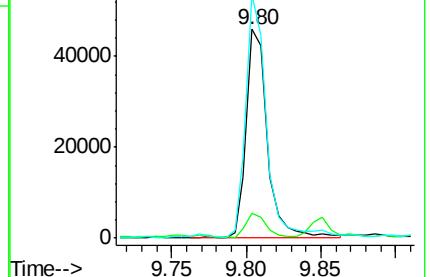
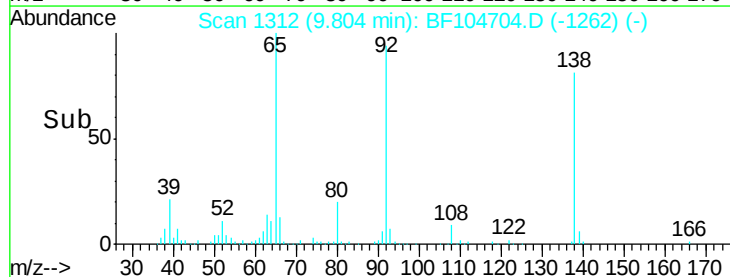
92 116.5 89.4 134.2

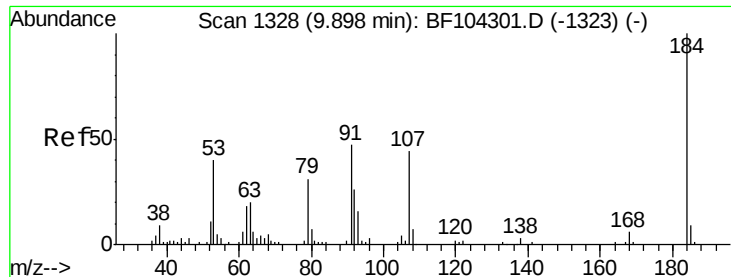


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

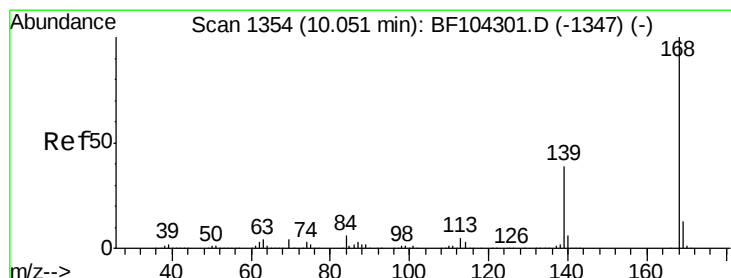
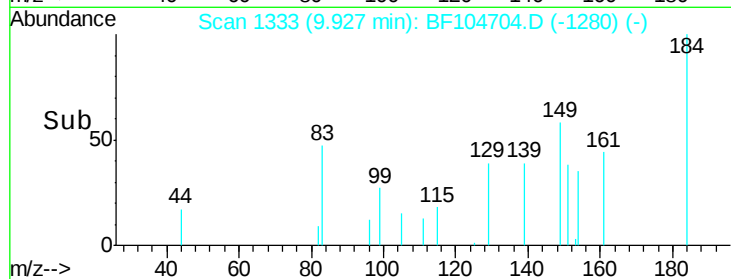
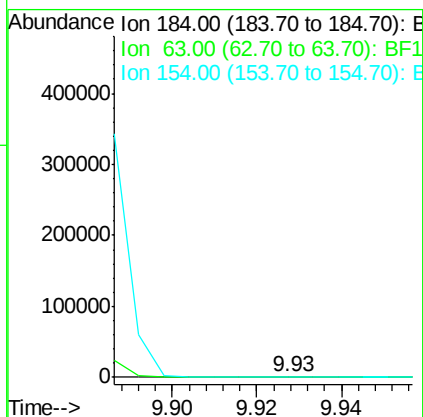
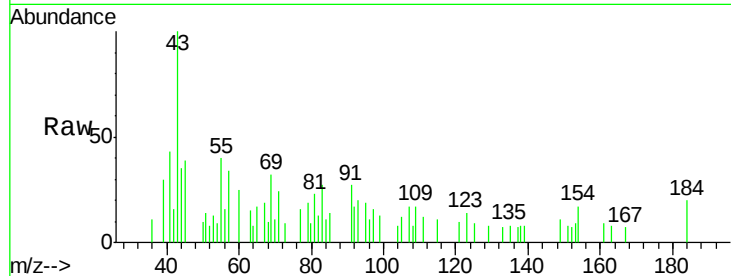




#53
 2,4-Dinitrophenol
 Concen: 6.229 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

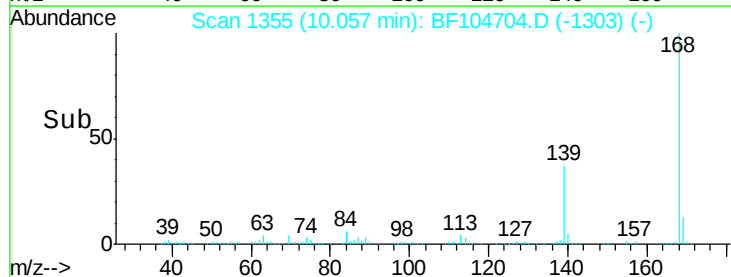
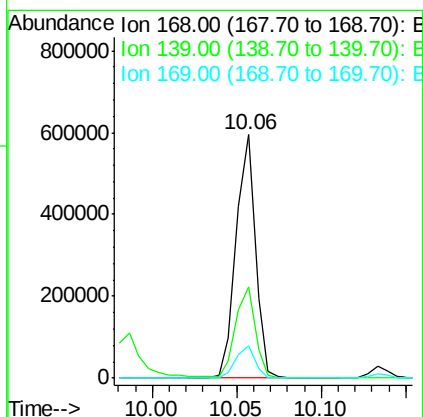
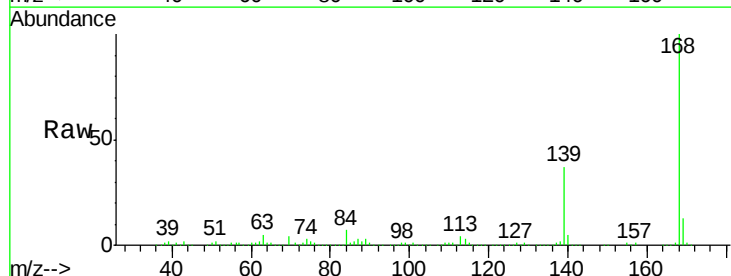
Instrument :
 BNA_F
 ClientSampled :

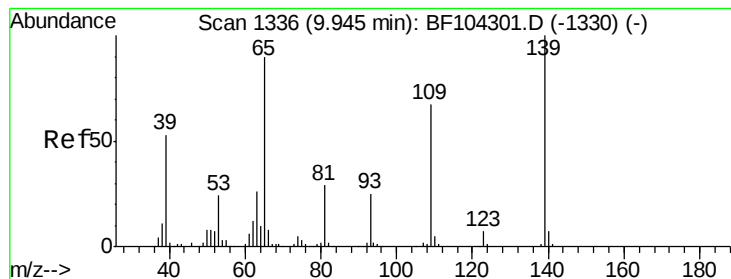
Tot Ion:184 Resp: 719
 Ion Ratio Lower Upper
 184 100
 63 75.7 54.2 81.2
 154 85.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 32.769 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

Tgt Ion:168 Resp: 473168
 Ion Ratio Lower Upper
 168 100
 139 37.3 30.1 45.1
 169 13.2 10.9 16.3





#55

4-Nitrophenol

Concen: 54.377 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

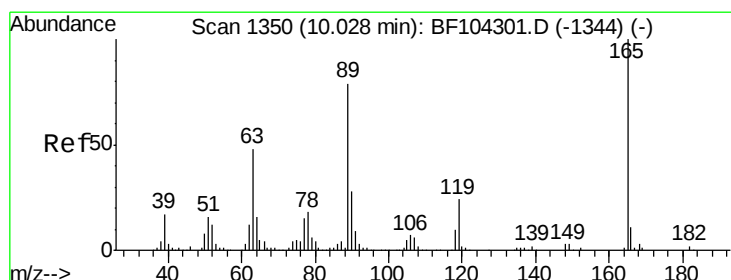
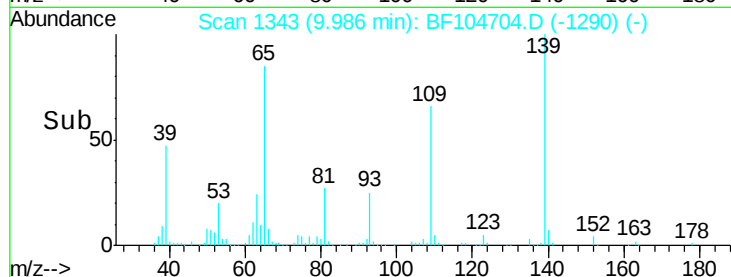
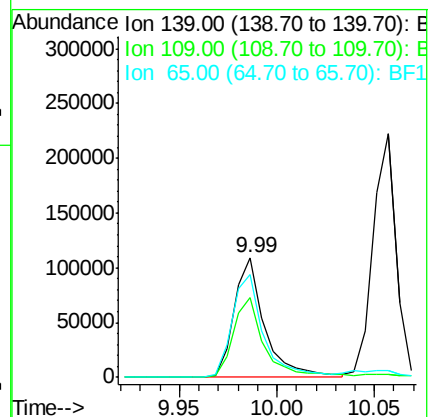
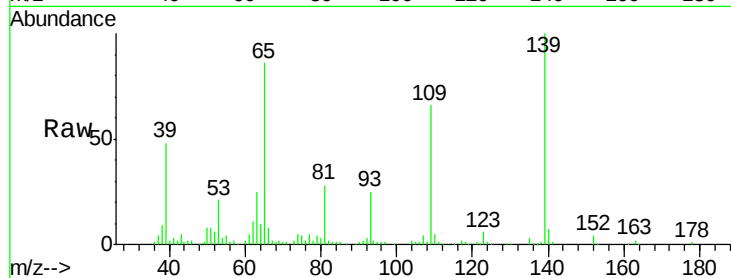
Tot Ion:139 Resp: 119023

Ion Ratio Lower Upper

139 100

109 66.4 48.4 88.4

65 85.7 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 23.483 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Tgt Ion:165 Resp: 73317

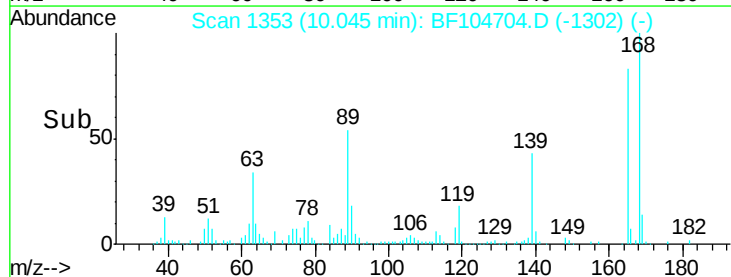
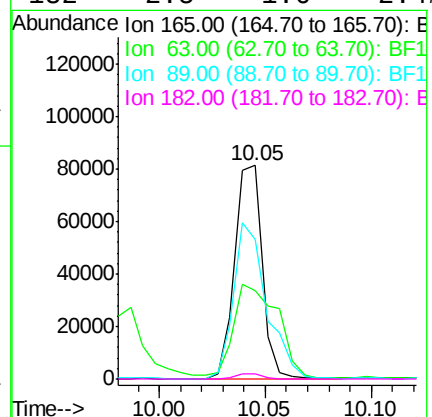
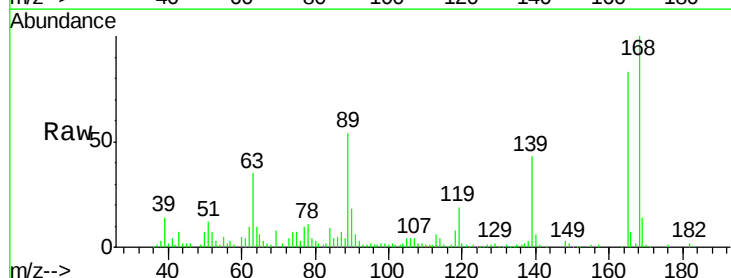
Ion Ratio Lower Upper

165 100

63 41.5 36.4 54.6

89 65.2 57.8 86.6

182 2.5 1.6 2.4#

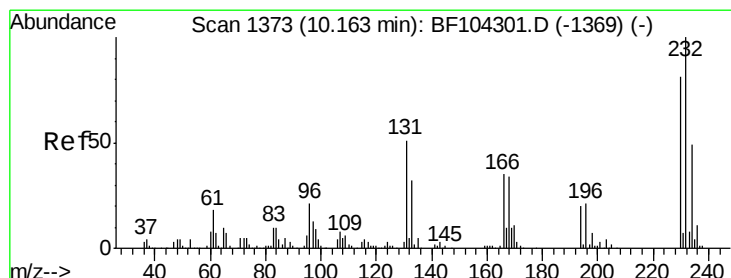
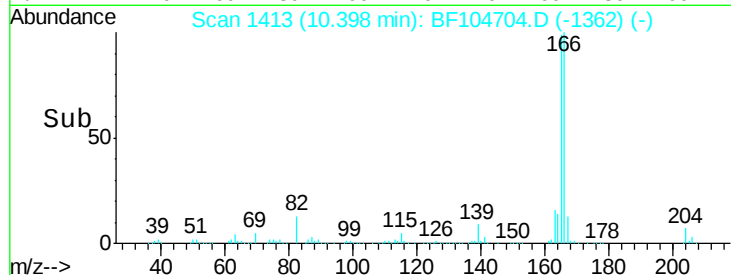
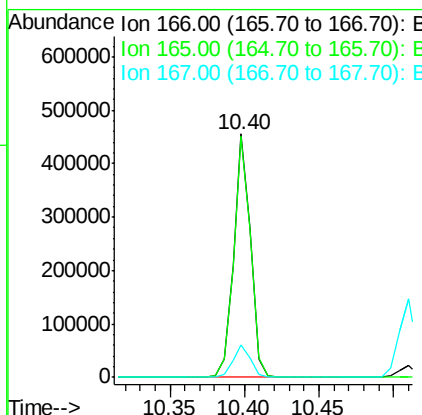
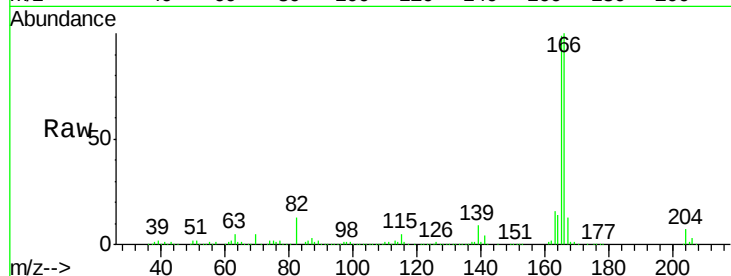




#57
Fluorene
 Concen: 34.499 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

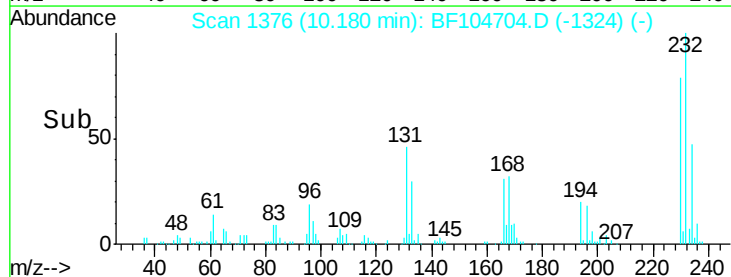
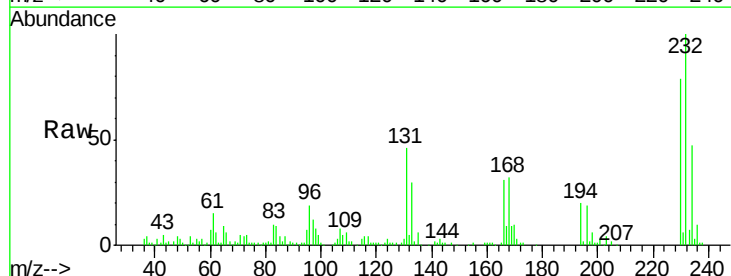
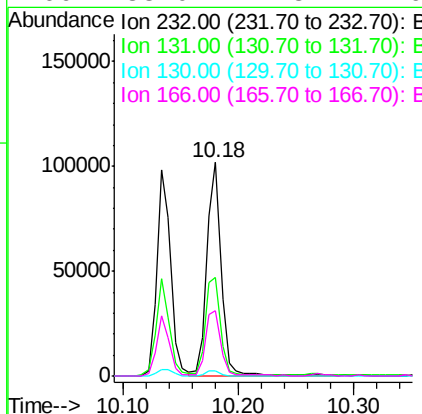
Instrument :
 BNA_F
 ClientSampleId :

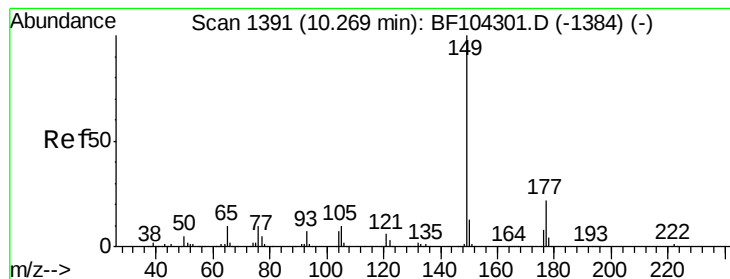
Tot Ion	166	Resp	362590
Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.1	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 32.989 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

Tgt Ion	232	Resp	89269
Ion	Ratio	Lower	Upper
232	100		
131	47.4	43.8	65.8
130	2.6	2.1	3.1
166	33.0	27.8	41.6





#59

Diethylphthalate

Concen: 31.550 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

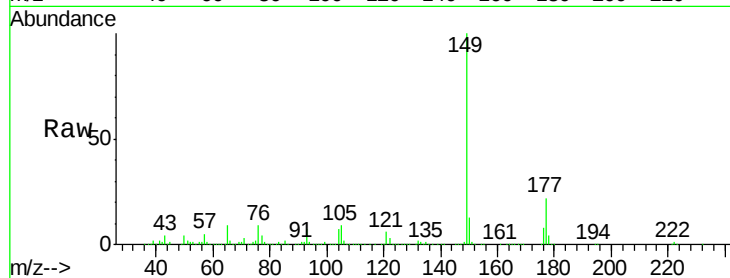
Tot Ion:149 Resp: 404180

Ion Ratio Lower Upper

149 100

177 21.6 16.1 24.1

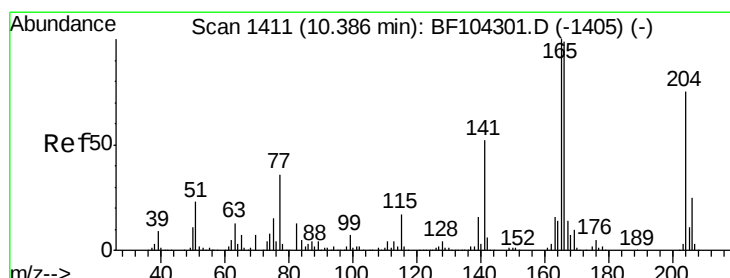
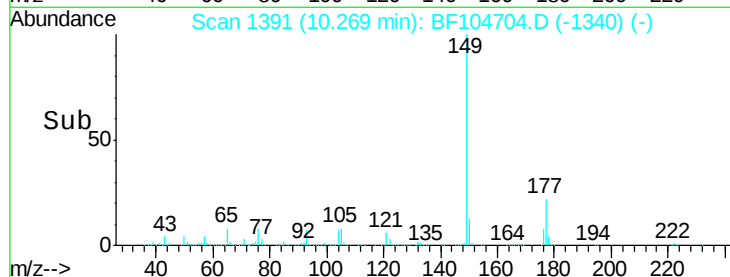
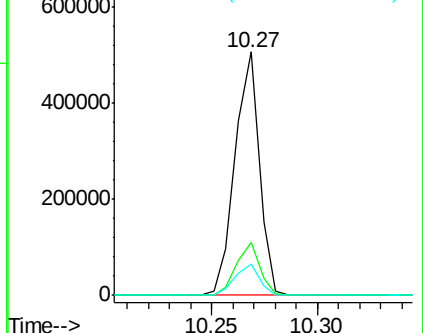
150 12.6 10.1 15.1



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: 36.208 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

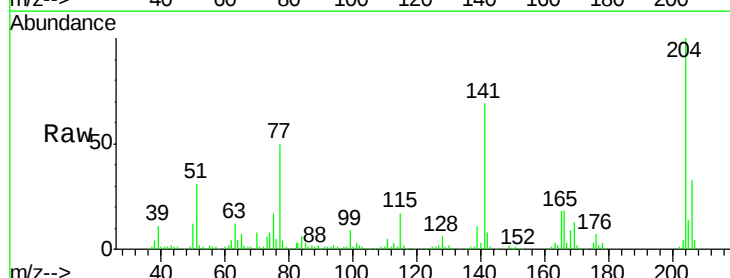
Tgt Ion:204 Resp: 169477

Ion Ratio Lower Upper

204 100

206 32.7 26.5 39.7

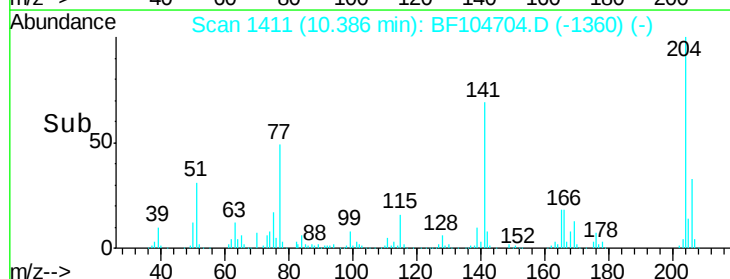
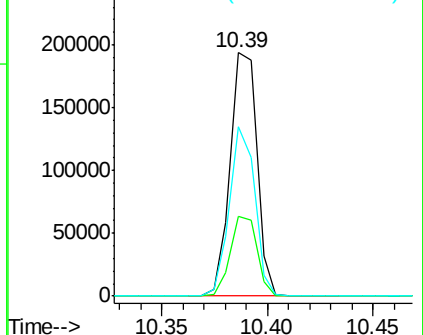
141 69.5 54.6 81.8

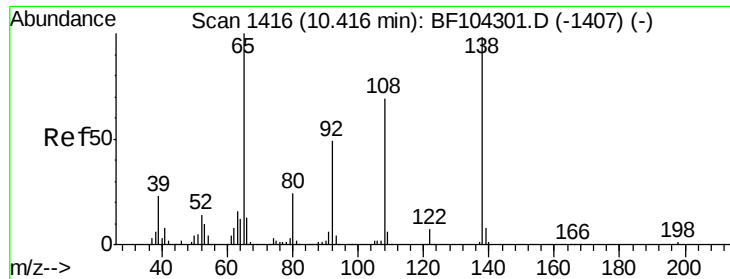


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

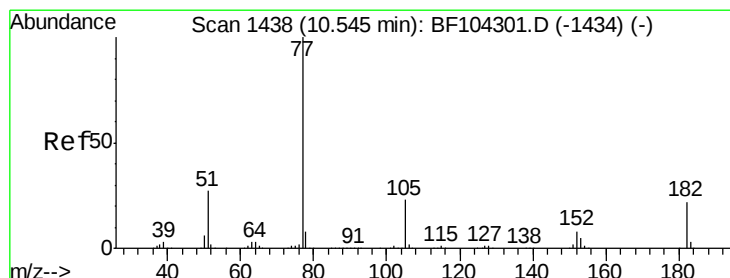
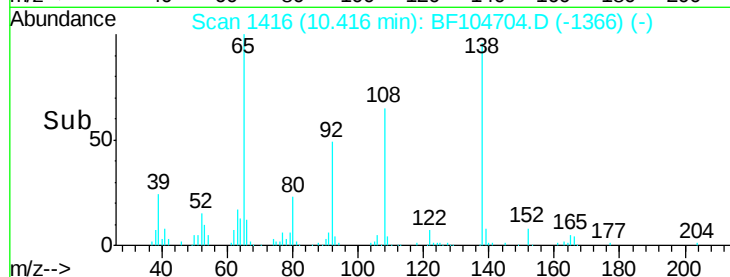
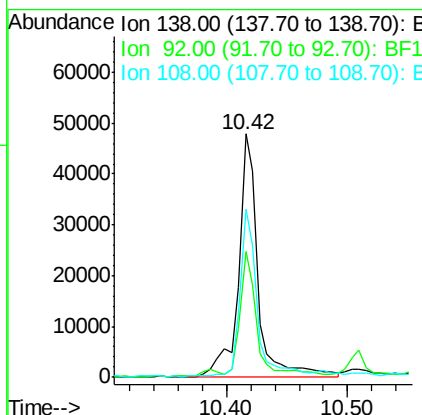
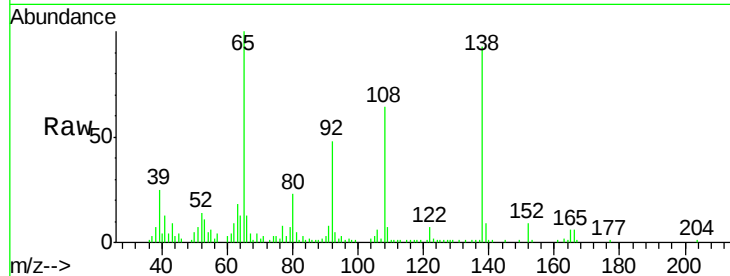




#61
4-Nitroaniline
Concen: 20.076 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

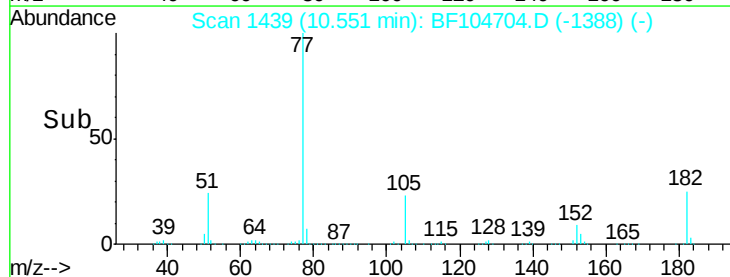
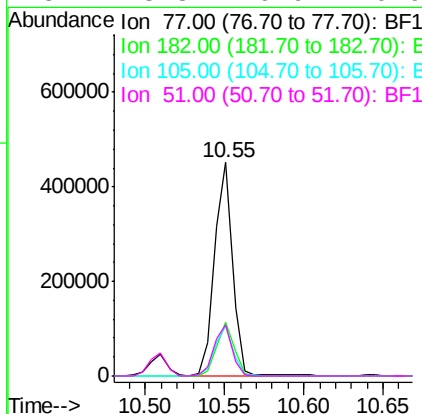
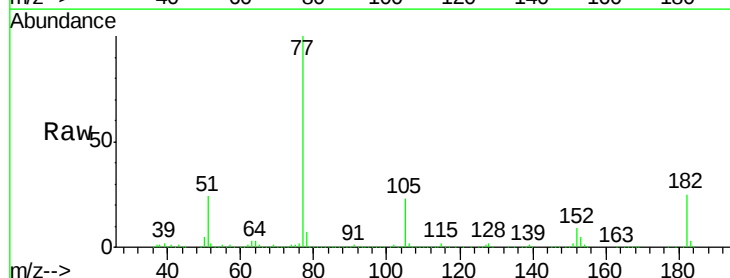
Instrument :
BNA_F
ClientSampleId :

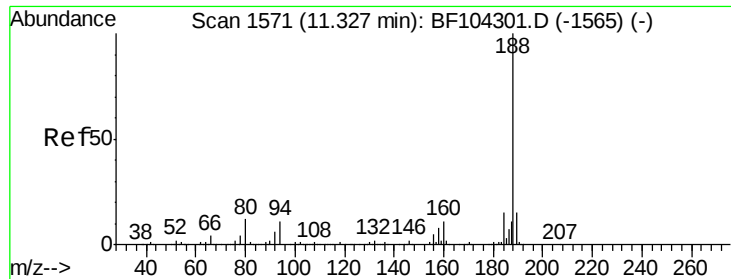
Tot Ion:138 Resp: 54697
Ion Ratio Lower Upper
138 100
92 51.4 30.2 70.2
108 69.1 52.5 92.5



#62
Azobenzene
Concen: 28.795 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

Tgt Ion: 77 Resp: 352430
Ion Ratio Lower Upper
77 100
182 25.3 1.7 41.7
105 23.4 3.0 43.0
51 23.8 9.9 49.9

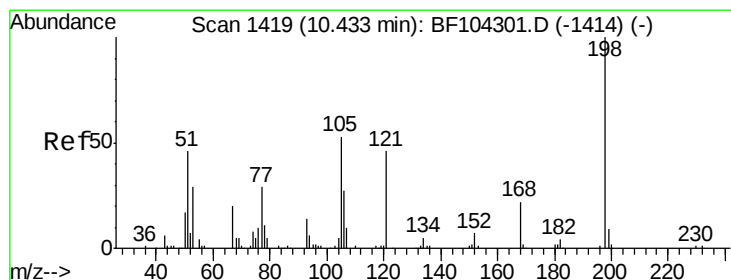
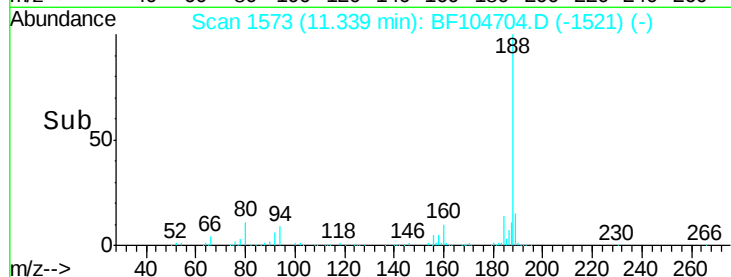
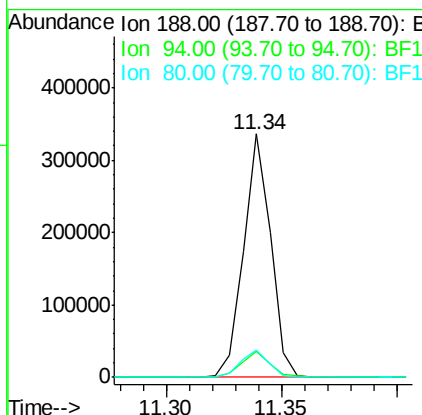
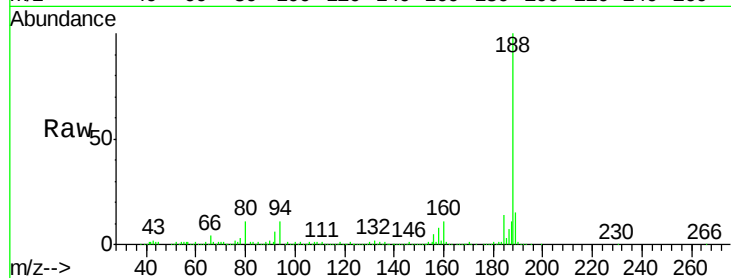




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

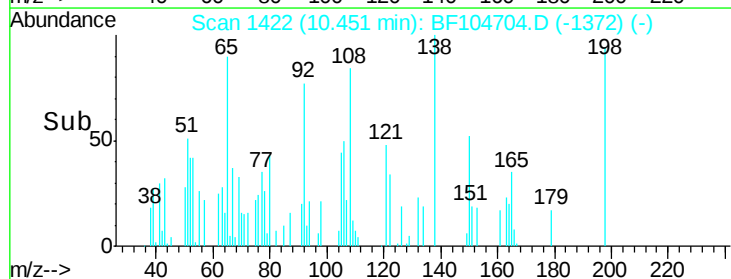
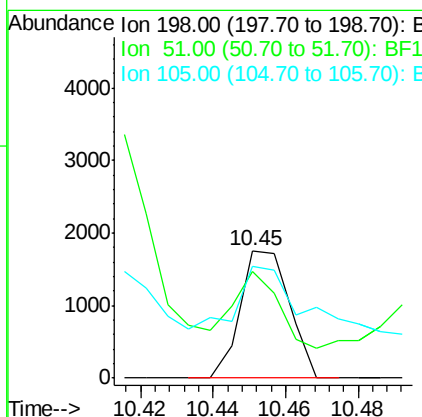
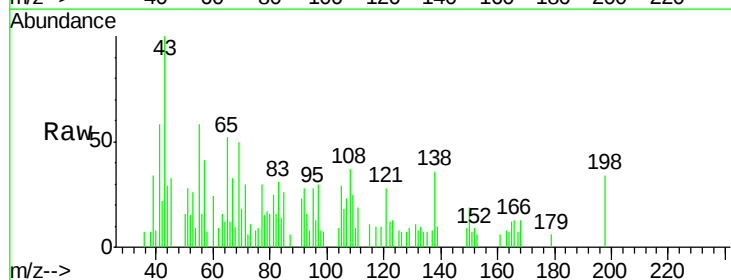
Instrument :
 BNA_F
 ClientSampleId :

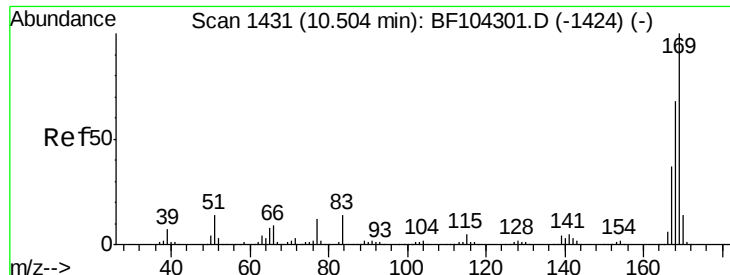
Tot Ion:188 Resp: 277098
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 11.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.379 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

Tgt Ion:198 Resp: 1644
 Ion Ratio Lower Upper
 198 100
 51 83.9 37.7 77.7#
 105 87.2 36.3 76.3#

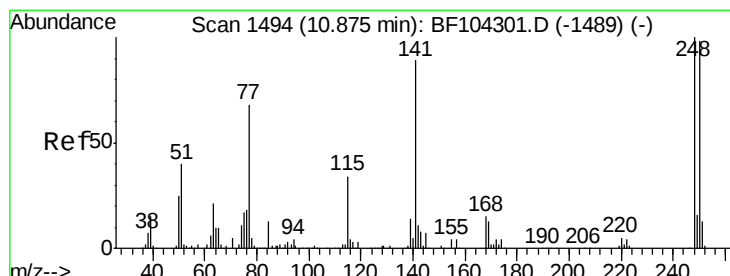
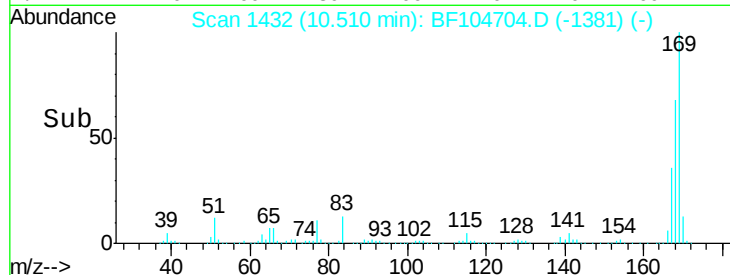
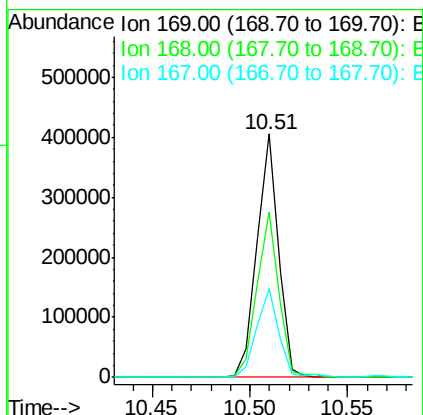
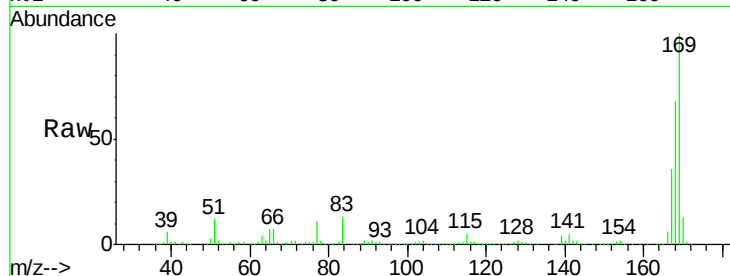




#65
 n-Nitrosodiphenylamine
 Concen: 32.504 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

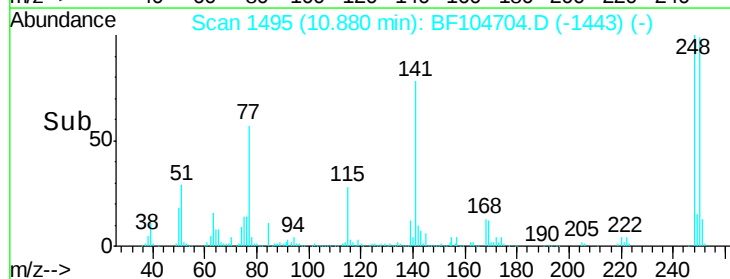
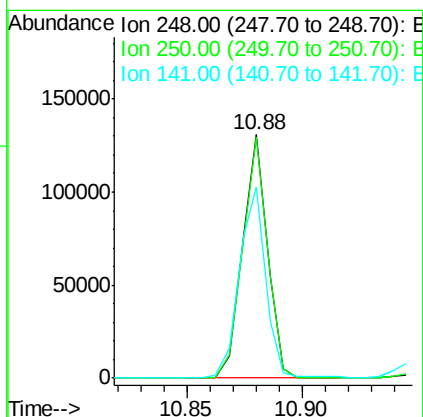
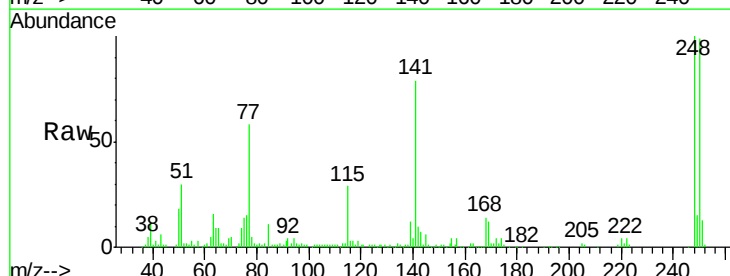
Instrument :
 BNA_F
 ClientSampled :

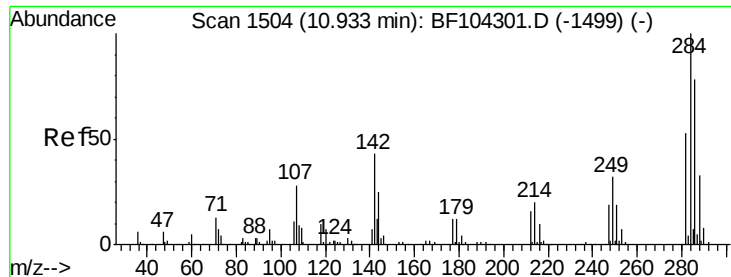
Tot Ion:169 Resp: 312293
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.4 81.6
 167 36.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 33.522 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

Tgt Ion:248 Resp: 98804
 Ion Ratio Lower Upper
 248 100
 250 99.3 76.9 115.3
 141 78.7 74.4 111.6





#67

Hexachlorobenzene

Concen: 33.394 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

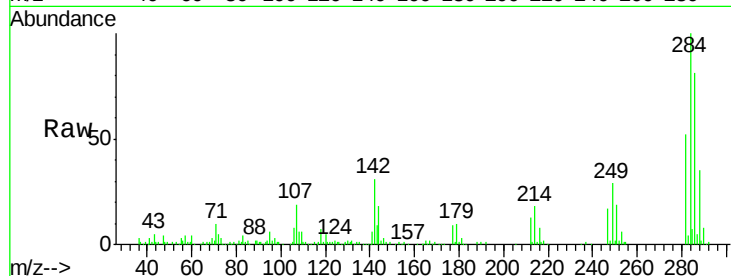
Tot Ion:284 Resp: 110752

Ion Ratio Lower Upper

284 100

142 31.4 34.6 52.0#

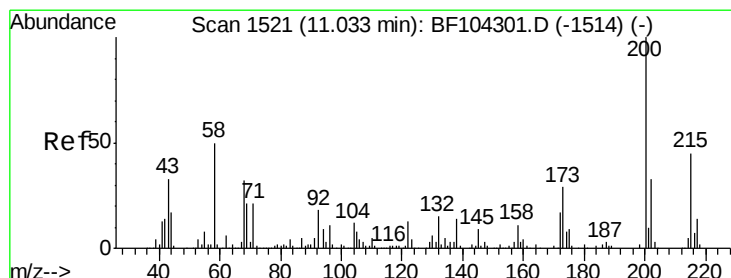
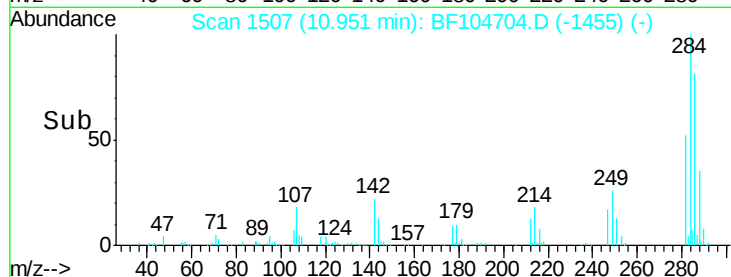
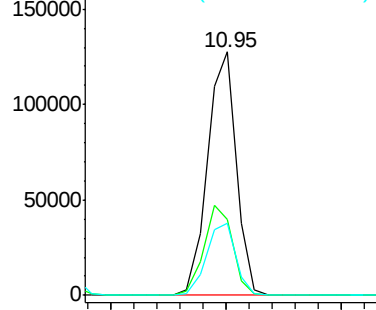
249 29.4 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 31.947 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

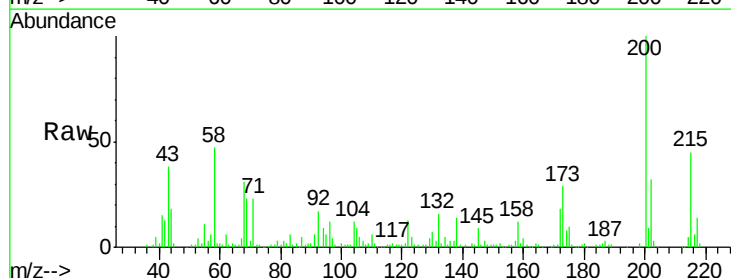
Tgt Ion:200 Resp: 92647

Ion Ratio Lower Upper

200 100

173 28.9 8.6 48.6

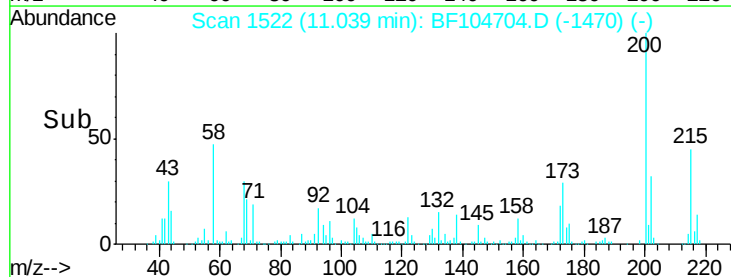
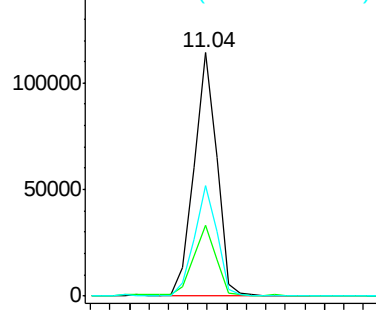
215 45.4 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

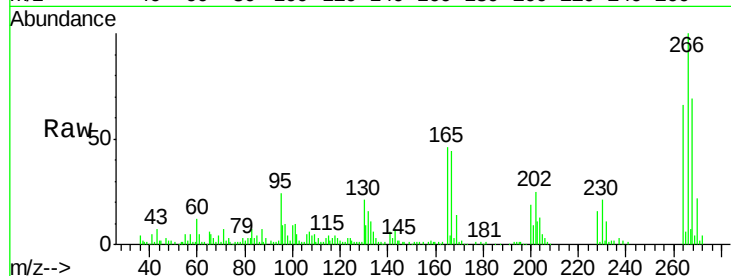




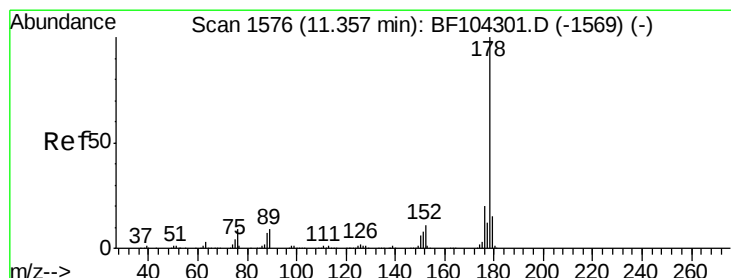
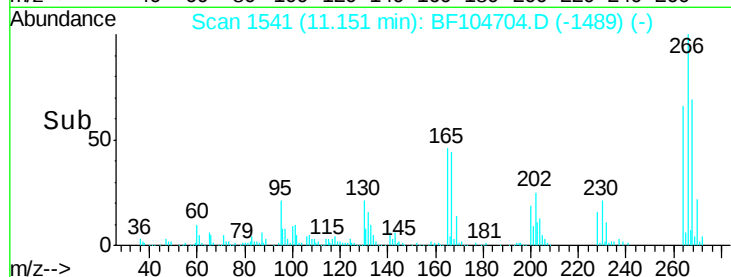
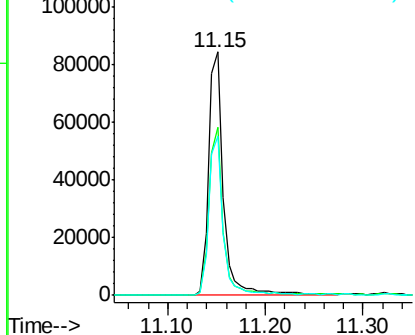
#69
 Pentachlorophenol
 Concen: 43.992 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 90261
 Ion Ratio Lower Upper
 266 100
 268 69.2 51.1 76.7
 264 65.6 49.5 74.3

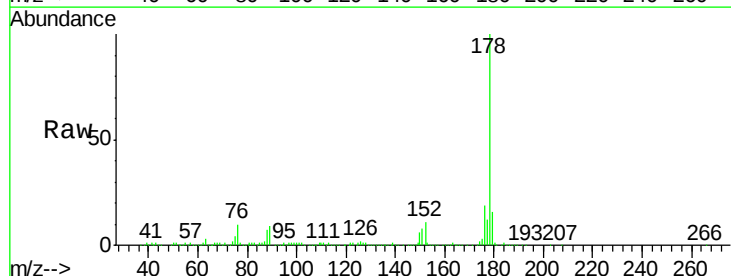


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

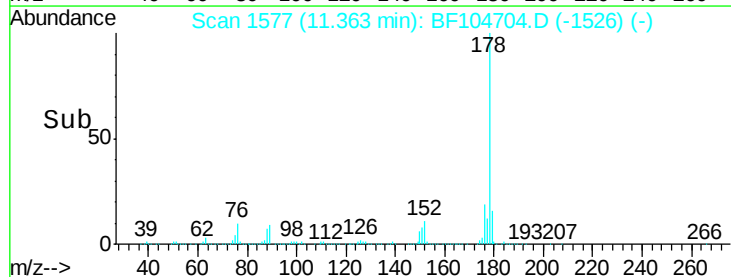
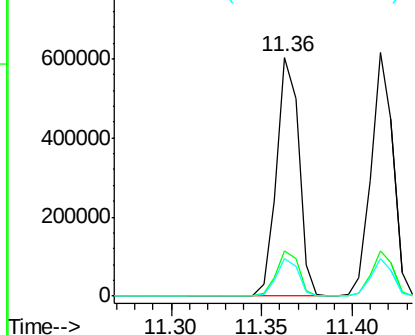


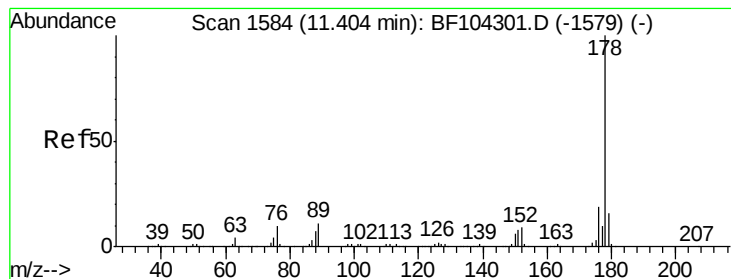
#70
 Phenanthrene
 Concen: 33.502 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

Tgt Ion:178 Resp: 516984
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.7 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: 33.204 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

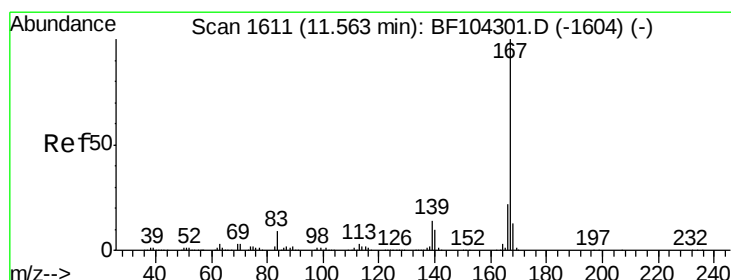
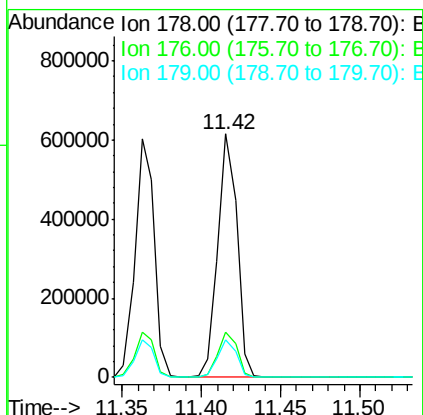
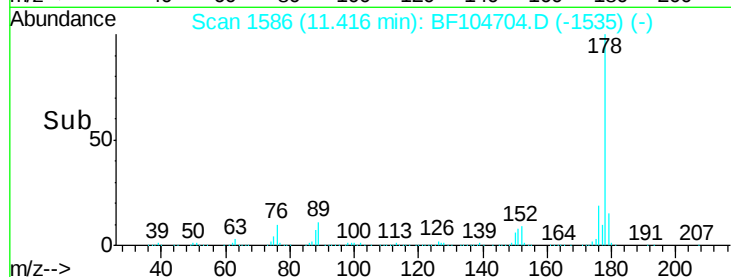
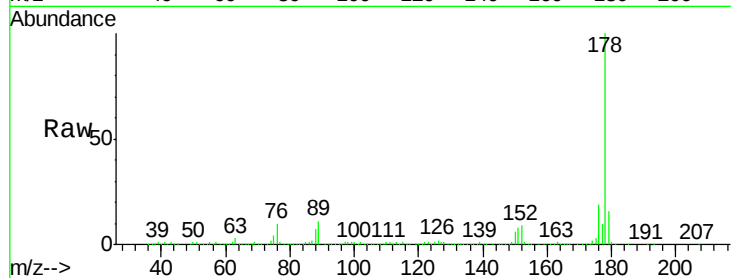
Tot Ion:178 Resp: 520851

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

179 15.5 12.6 19.0



#72

Carbazole

Concen: 30.353 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

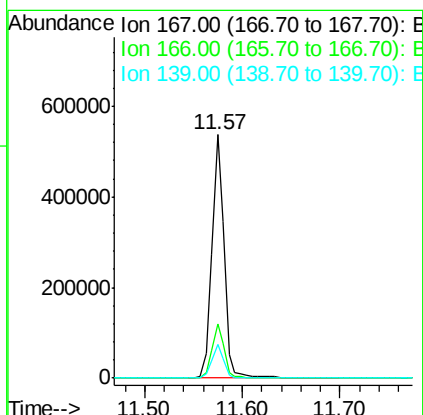
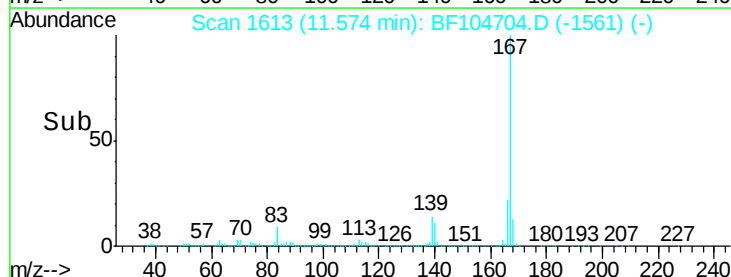
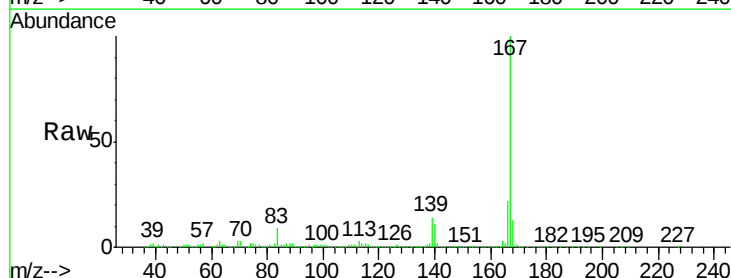
Tgt Ion:167 Resp: 465257

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 35.788 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

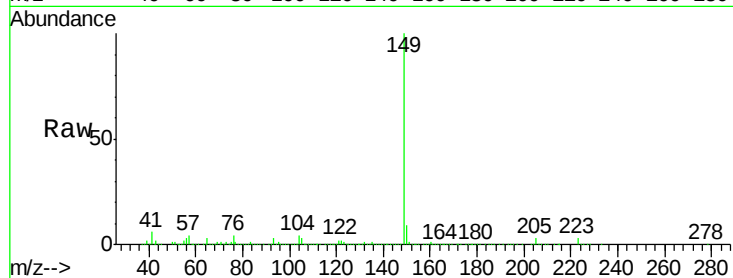
Tot Ion:149 Resp: 670098

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

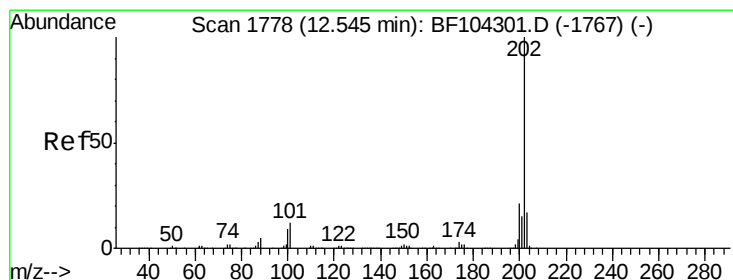
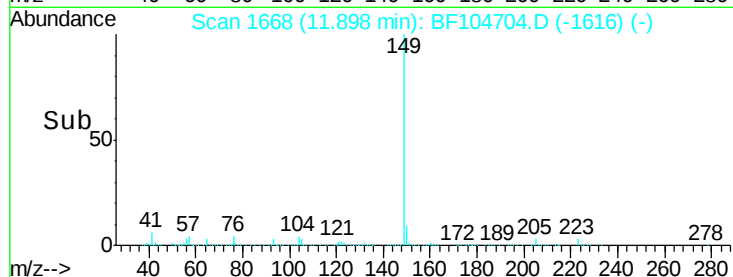
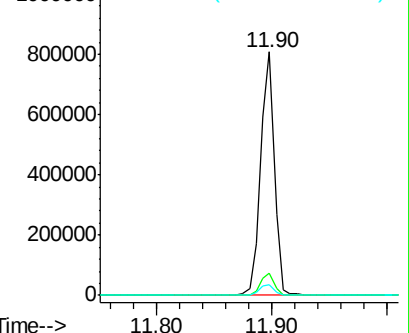
104 4.5 3.8 5.8



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: 32.664 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

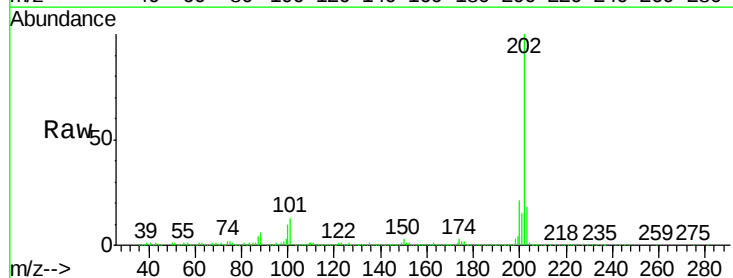
Tgt Ion:202 Resp: 526641

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.1

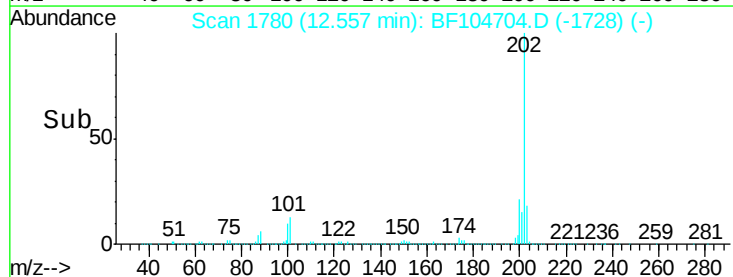
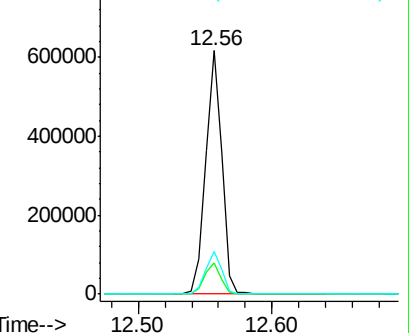
203 17.6 0.0 38.1

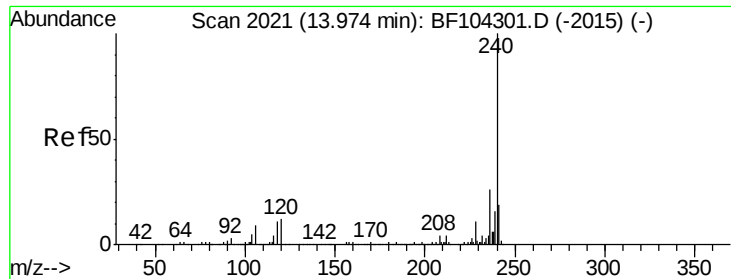


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

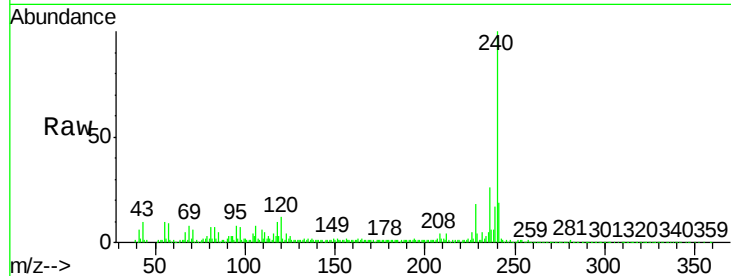
Tot Ion:240 Resp: 179772

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

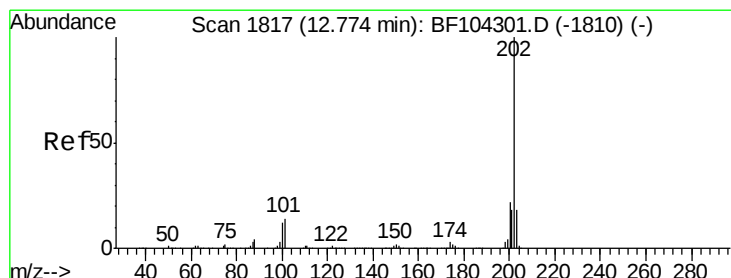
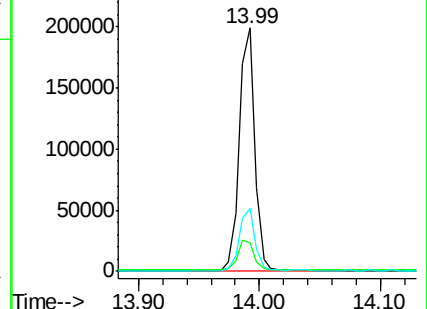
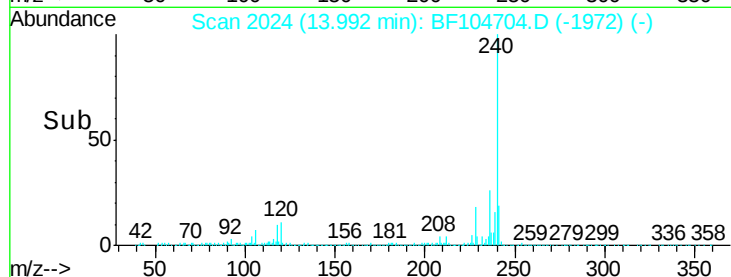
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 39.052 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

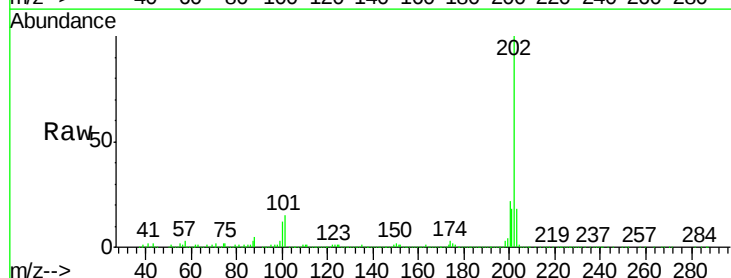
Tgt Ion:202 Resp: 520382

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

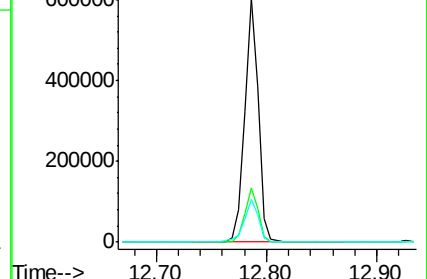
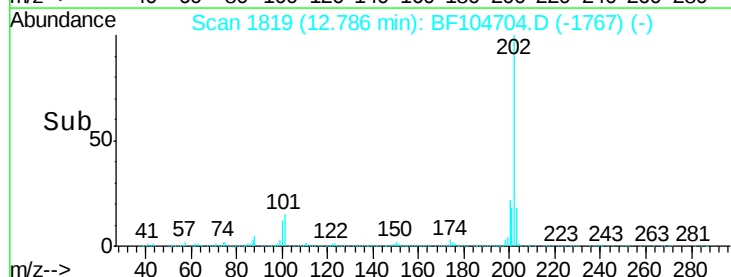
203 17.7 14.3 21.5

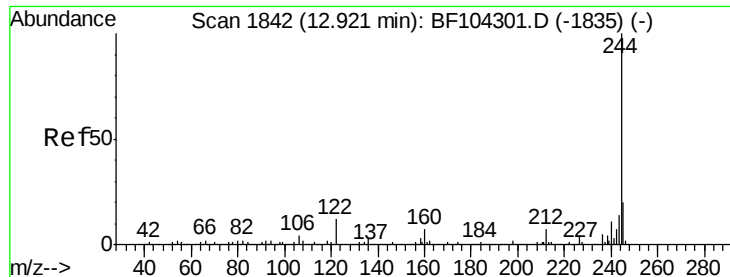


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 88.933 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

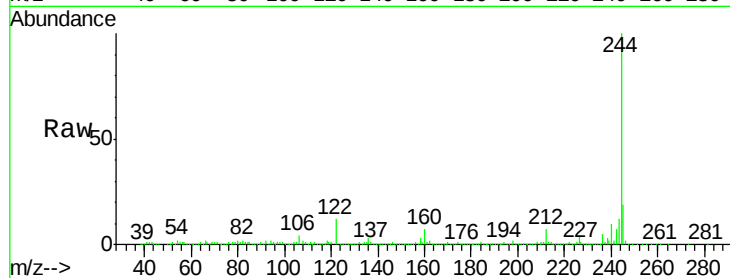
Tot Ion:244 Resp: 701269

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

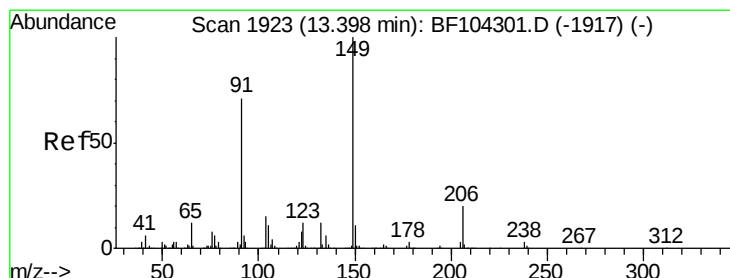
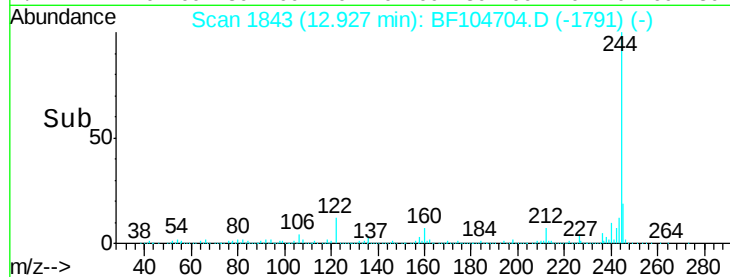
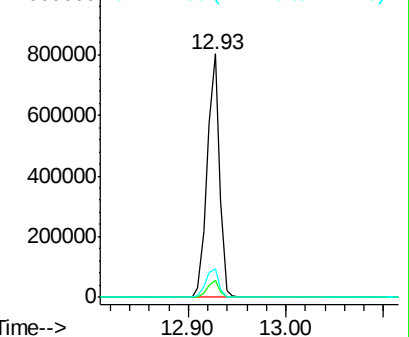
122 12.0 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 50.328 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

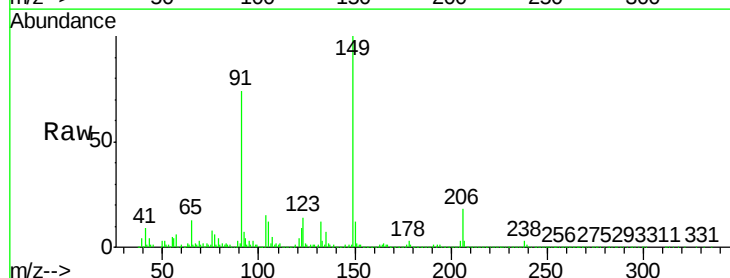
Tgt Ion:149 Resp: 315947

Ion Ratio Lower Upper

149 100

91 74.1 56.8 85.2

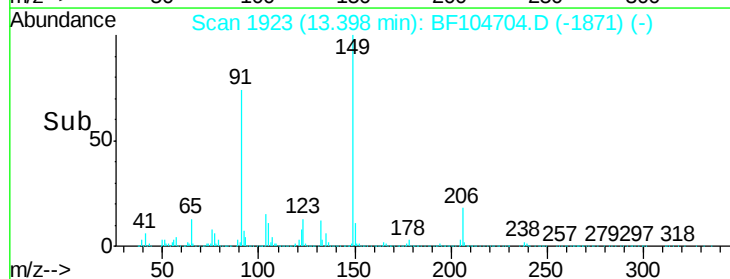
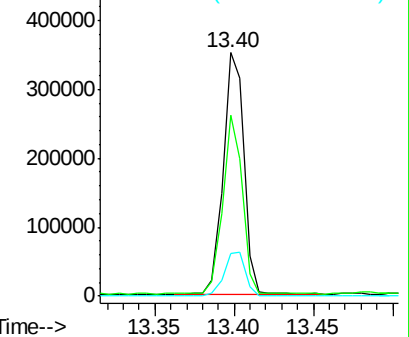
206 17.7 14.1 21.1

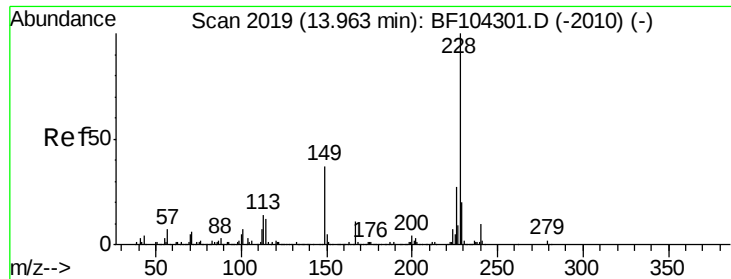


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

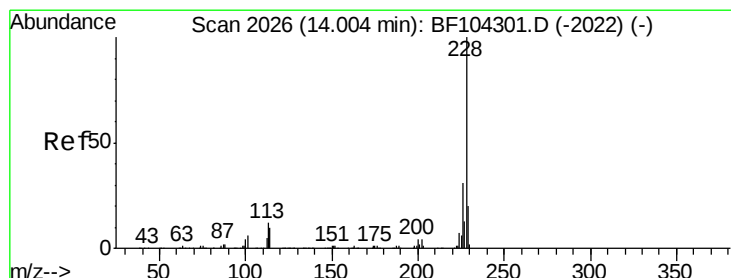
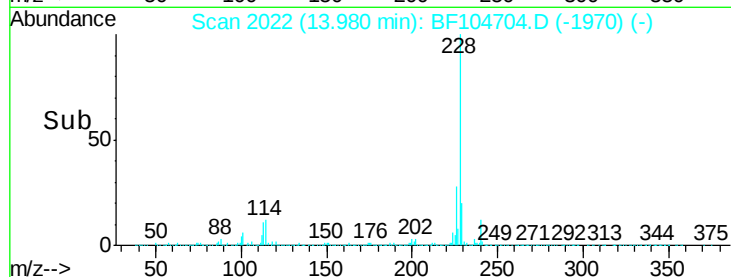
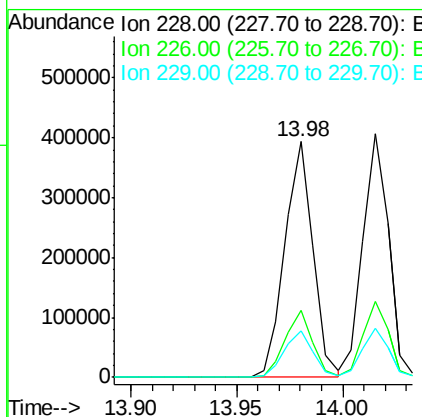
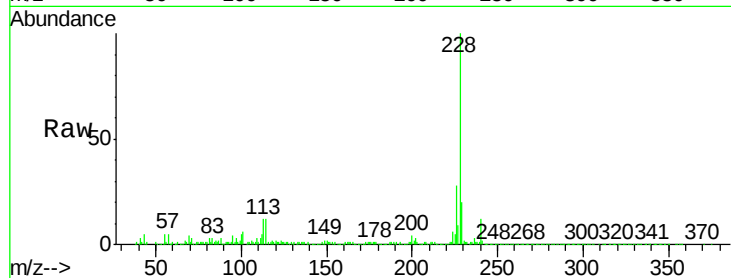




#80
Benzo(a)anthracene
Concen: 34.052 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

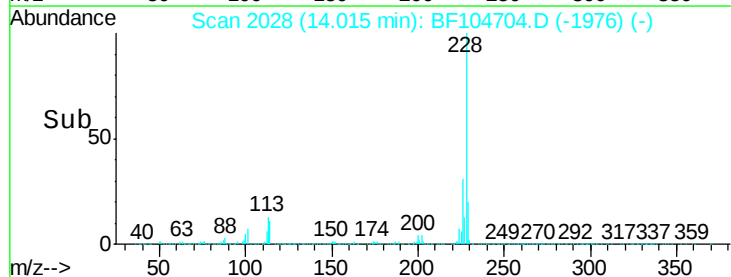
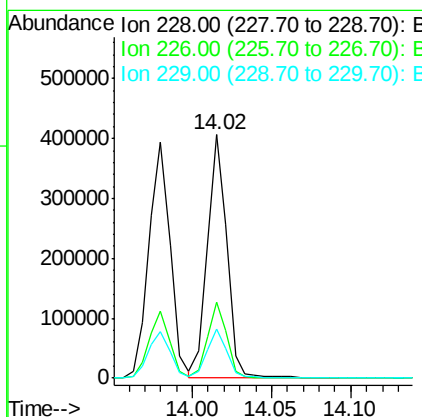
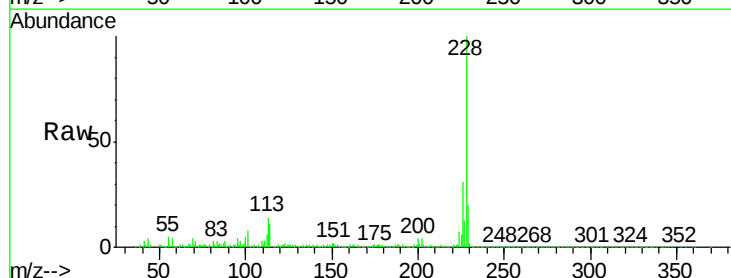
Instrument :
BNA_F
ClientSampled :

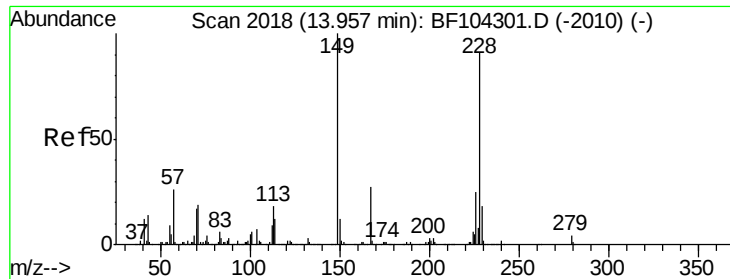
Tot Ion:228 Resp: 365707
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.8 15.8 23.6



#82
Chrysene
Concen: 31.513 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

Tgt Ion:228 Resp: 347634
Ion Ratio Lower Upper
228 100
226 31.2 25.0 37.6
229 20.0 16.2 24.4

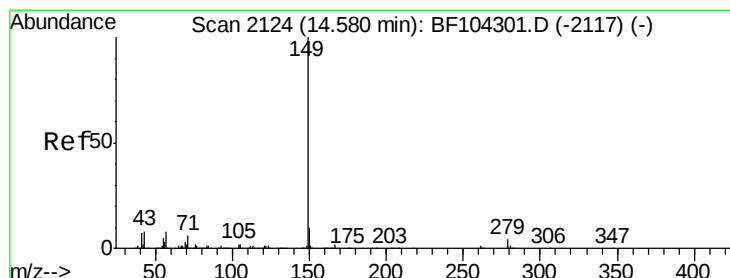
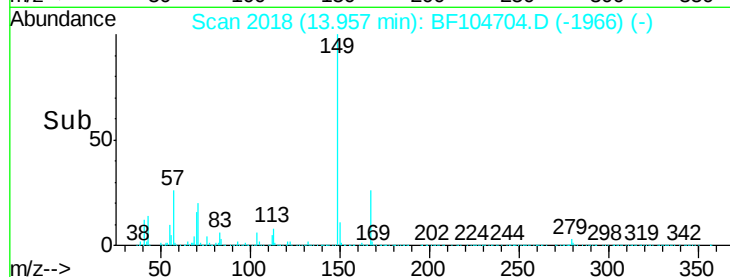
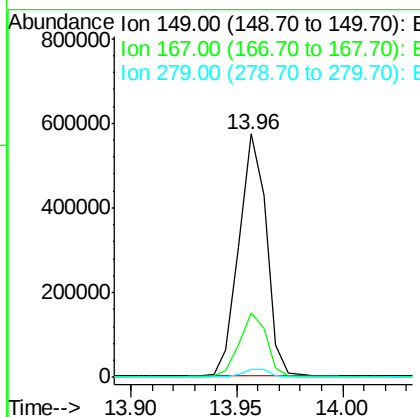
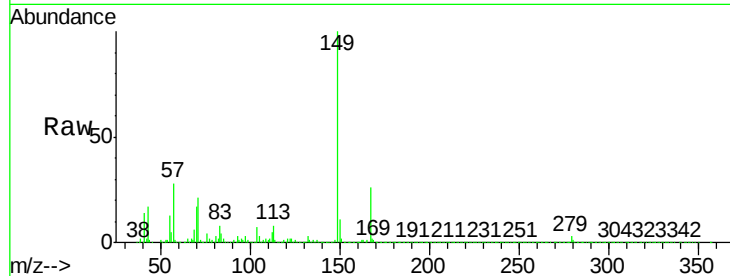




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 62.990 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

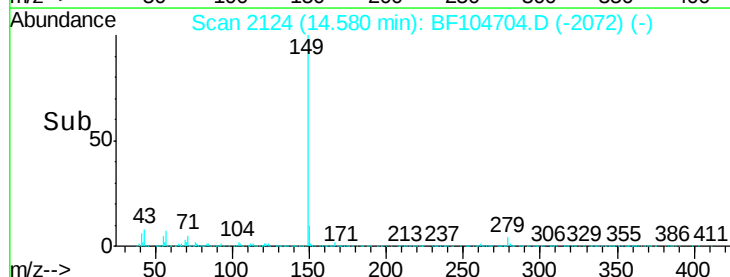
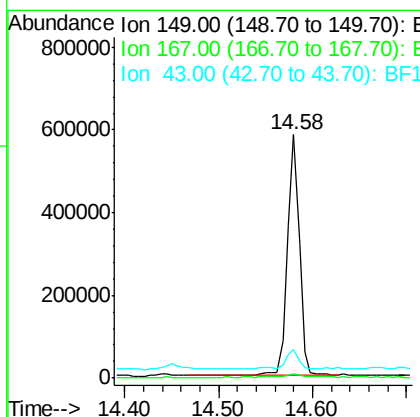
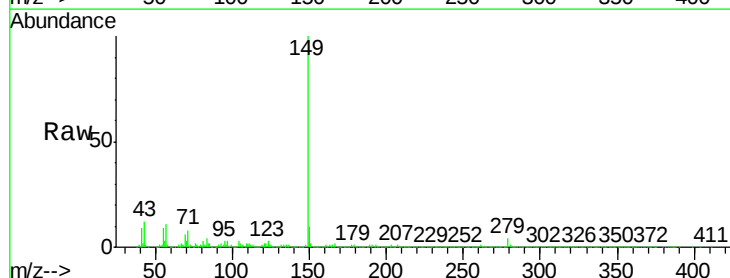
Instrument :
 BNA_F
 ClientSampleId :

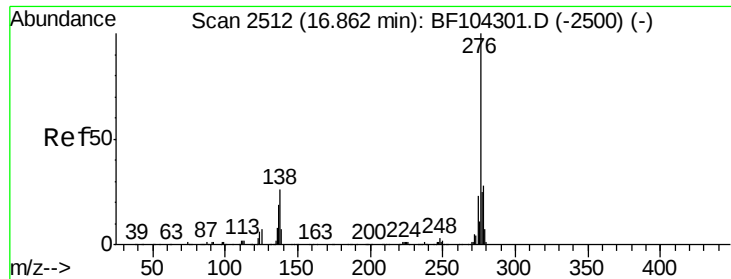
Tot Ion:149 Resp: 508631
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.3 31.9
 279 3.2 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 38.774 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. 0.01 min
 Lab File: BF104704.D
 Acq: 23 Apr 2018 12:54

Tgt Ion:149 Resp: 523151
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.0 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 29.916 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.03 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

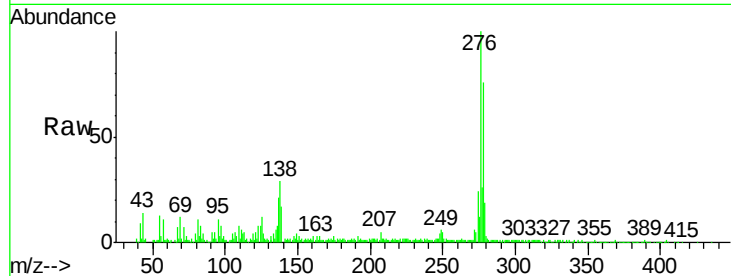
Tot Ion:276 Resp: 280346

Ion Ratio Lower Upper

276 100

138 27.2 25.0 37.6

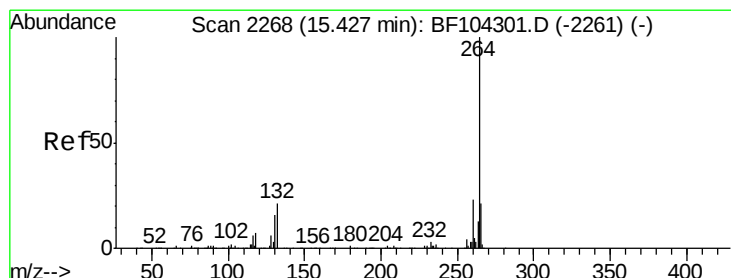
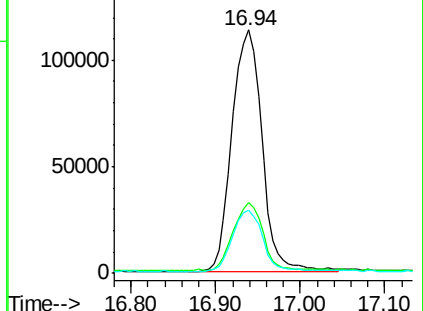
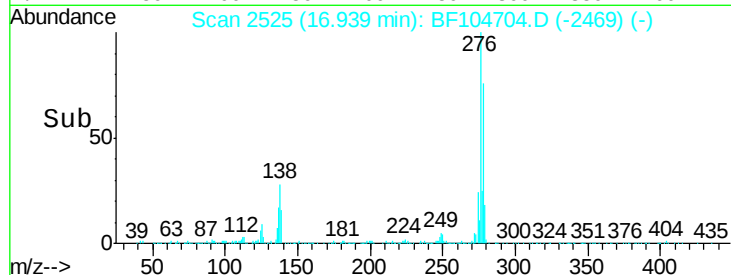
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

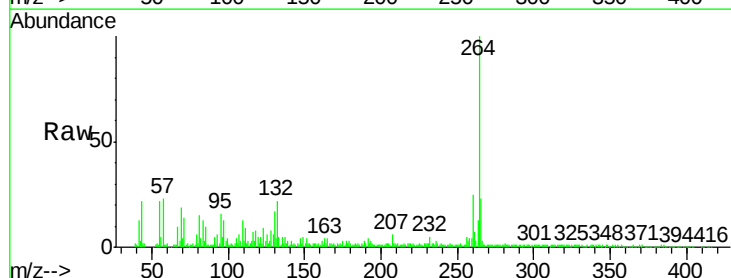
Tgt Ion:264 Resp: 128680

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

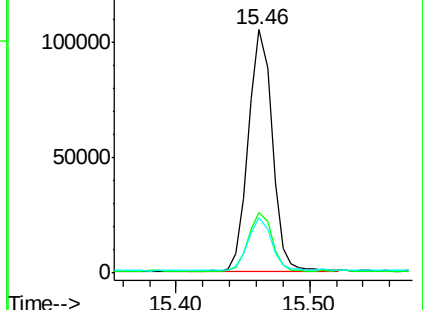
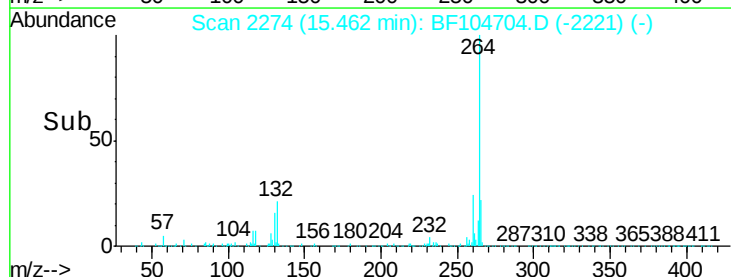
265 22.6 17.5 26.3

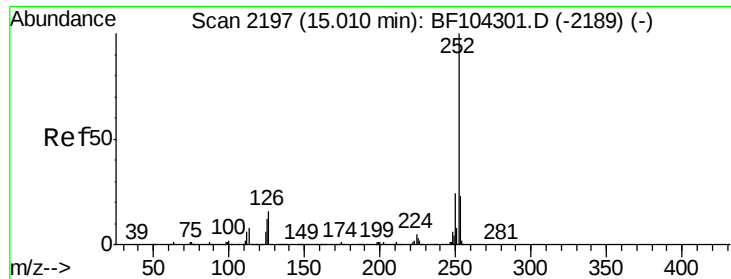


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

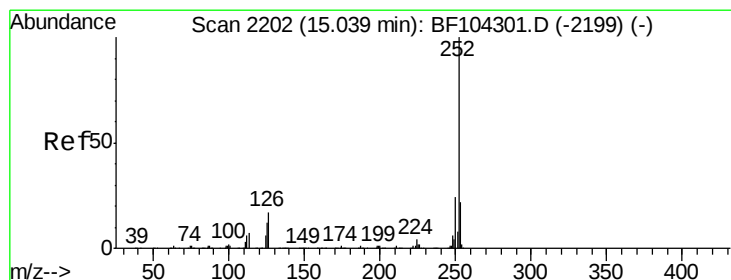
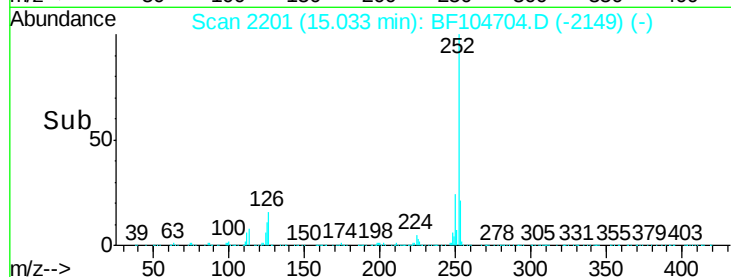
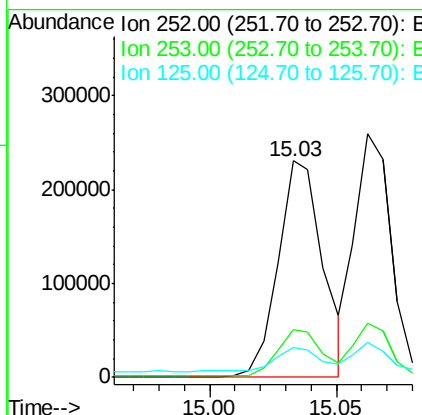
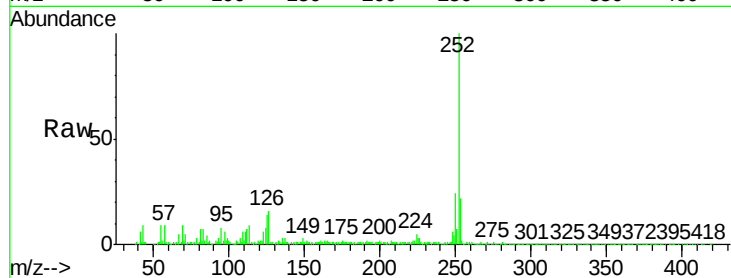




#87
Benzo(b)fluoranthene
Concen: 34.713 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

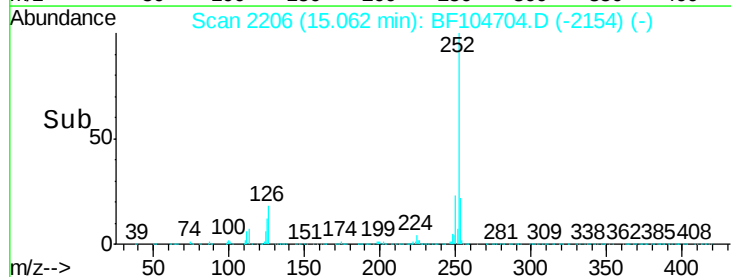
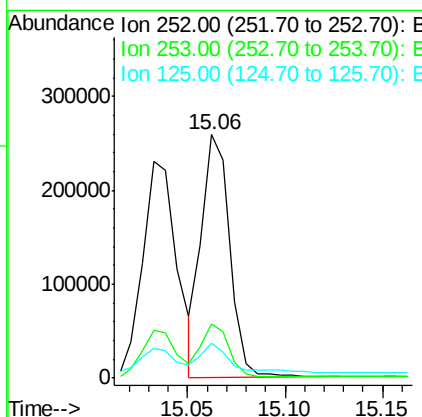
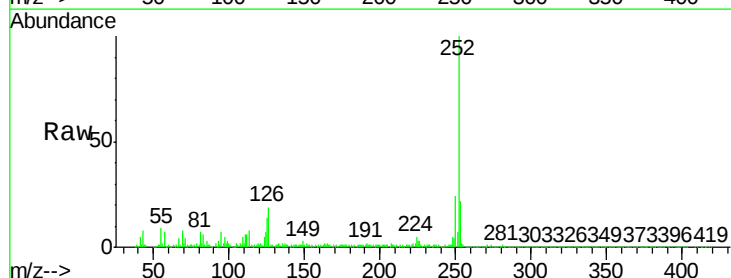
Instrument :
BNA_F
ClientSampleId :

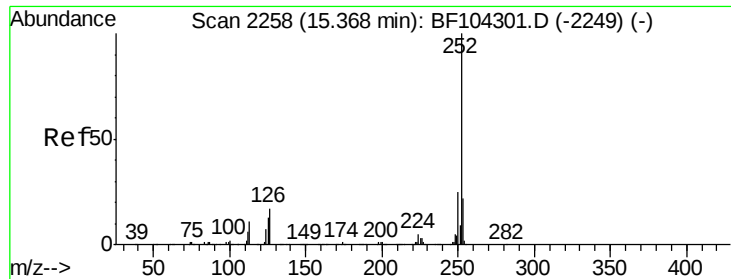
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	14.1	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 33.784 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	14.4	10.2	15.2

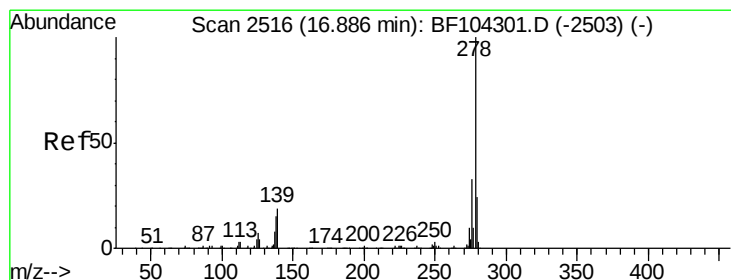
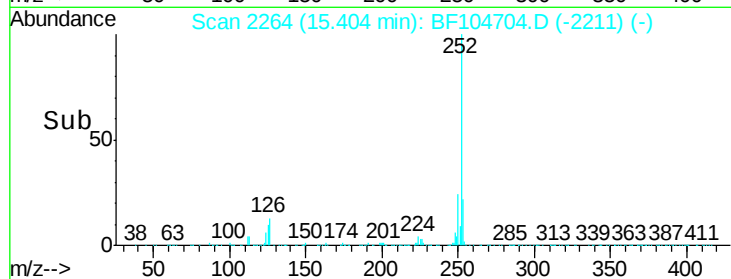
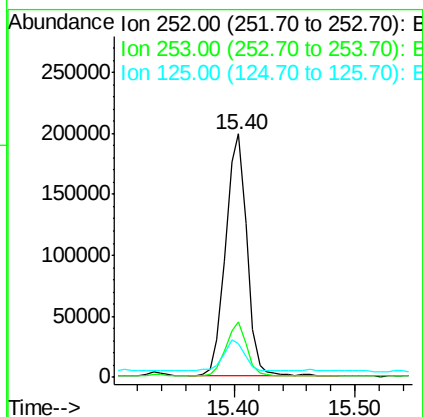
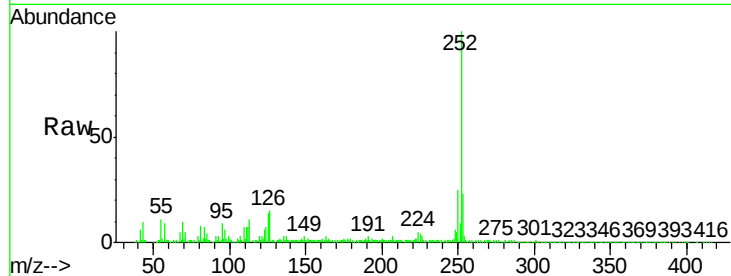




#89
Benzo(a)pyrene
Concen: 33.555 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

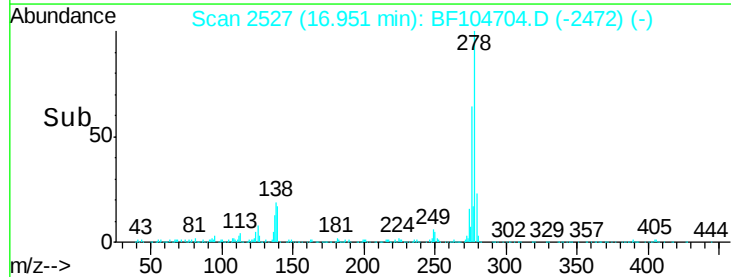
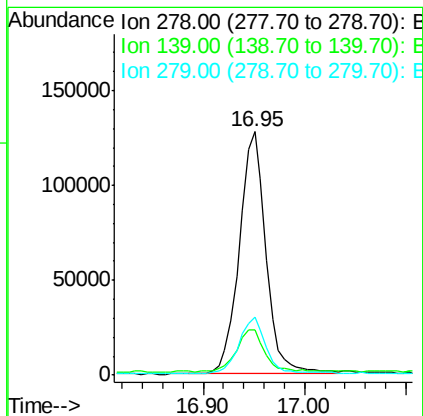
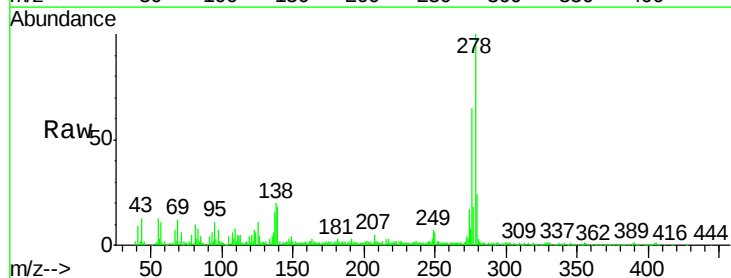
Instrument :
BNA_F
ClientSampleId :

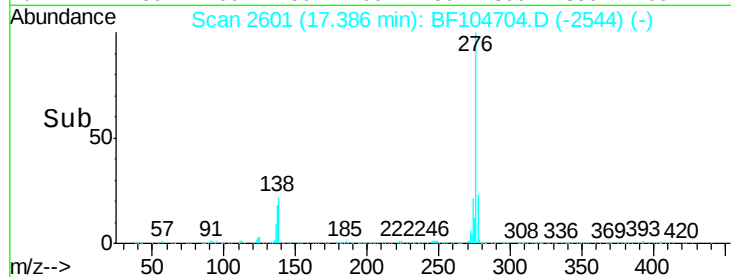
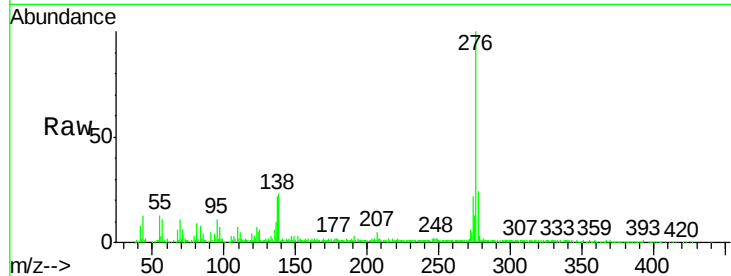
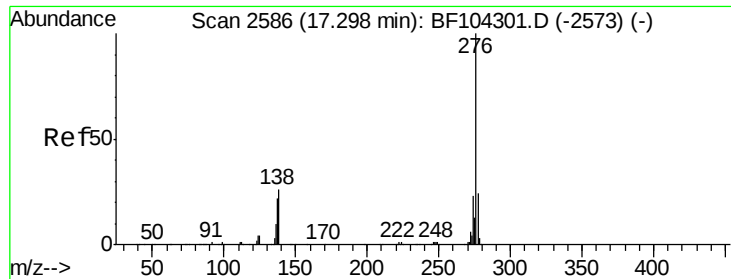
Tot Ion:252 Resp: 244005
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 14.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 39.246 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.02 min
Lab File: BF104704.D
Acq: 23 Apr 2018 12:54

Tgt Ion:278 Resp: 234394
Ion Ratio Lower Upper
278 100
139 18.4 15.9 23.9
279 23.7 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 40.420 ng

RT: 17.39 min Scan# 2601

Delta R.T. 0.04 min

Lab File: BF104704.D

Acq: 23 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 233879

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 23.0 21.8 32.8

