

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104309.D
 Acq On : 6 Apr 2018 16:36
 Operator : JU/SJ
 Sample : PB108001BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 23:09:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	130452	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	544188	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	254767	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	461270	20.00	ng	0.00
75) Chrysene-d12	13.97	240	322341	20.00	ng	0.00
86) Perylene-d12	15.42	264	253802	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1045325	122.52	ng	0.02
7) Phenol-d6	6.43	99	1289147	122.98	ng	0.00
23) Nitrobenzene-d5	7.37	82	779340	93.51	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	324241	122.69	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1406454	87.21	ng	0.00
78) Terphenyl-d14	12.92	244	1363183	96.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	151730	38.168	ng	90
3) Pyridine	3.33	79	434280	38.855	ng	88
4) n-Nitrosodimethylamine	3.29	42	177229	45.362	ng	84
6) Aniline	6.47	93	391437	26.878	ng	96
8) 2-Chlorophenol	6.59	128	395231	43.891	ng	98
9) Benzaldehyde	6.35	77	127994	20.398	ng	98
10) Phenol	6.45	94	485185	43.623	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	367692	41.427	ng	96
12) 1,3-Dichlorobenzene	6.75	146	403369	39.541	ng	99
13) 1,4-Dichlorobenzene	6.82	146	413549	40.667	ng	99
14) 1,2-Dichlorobenzene	6.97	146	382355	40.574	ng	99
15) Benzyl Alcohol	6.95	79	341645	42.911	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	494651	41.499	ng	93
17) 2-Methylphenol	7.05	107	330484	42.221	ng	97
18) Hexachloroethane	7.32	117	152214	41.982	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	273322	39.902	ng	94
20) 3+4-Methylphenols	7.21	107	393943	40.580	ng	# 74
22) Acetophenone	7.22	105	530353	39.586	ng	97
24) Nitrobenzene	7.39	77	405472	44.067	ng	100
25) Isophorone	7.63	82	758886	43.062	ng	99
26) 2-Nitrophenol	7.70	139	195895	52.297	ng	94
27) 2,4-Dimethylphenol	7.74	122	373804	48.061	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	482287	44.760	ng	99
29) 2,4-Dichlorophenol	7.94	162	325176	43.818	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	328654	40.354	ng	99
31) Naphthalene	8.11	128	1109075	40.929	ng	99
32) Benzoic acid	7.86	122	230493	37.142	ng	99
33) 4-Chloroaniline	8.15	127	172126	14.827	ng	98
34) Hexachlorobutadiene	8.22	225	179259	40.184	ng	98
35) Caprolactam	8.53	113	66222	25.580	ng	89
36) 4-Chloro-3-methylphenol	8.63	107	351365	44.156	ng	98
37) 2-Methylnaphthalene	8.80	142	750965	42.844	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	294591	40.394	ng	98
40) Hexachlorocyclopentadiene	8.95	237	362005	88.665	ng	99

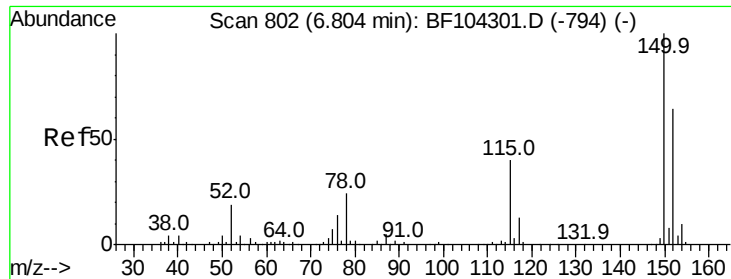
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104309.D
 Acq On : 6 Apr 2018 16:36
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Quant Time: Apr 06 23:09:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	227606	44.958	nq	100
43) 2,4,5-Trichlorophenol	9.11	196	226832	40.039	nq	98
45) 1,1'-Biphenyl	9.26	154	870916	40.693	nq	100
46) 2-Chloronaphthalene	9.29	162	685570	40.554	nq	98
47) 2-Nitroaniline	9.39	65	203414	48.657	nq	98
48) Acenaphthylene	9.70	152	1062729	40.068	nq	100
49) Dimethylphthalate	9.57	163	805263	40.082	nq	100
50) 2,6-Dinitrotoluene	9.63	165	179829	48.374	nq	97
51) Acenaphthene	9.87	154	685917	42.385	nq	100
52) 3-Nitroaniline	9.79	138	102610	23.577	nq	96
53) 2,4-Dinitrophenol	9.90	184	109990	74.146	nq	# 22
54) Dibenzofuran	10.05	168	958088	42.483	nq	99
55) 4-Nitrophenol	9.96	139	327722	95.862	nq	95
56) 2,4-Dinitrotoluene	10.03	165	238900	48.992	nq	94
57) Fluorene	10.39	166	696769	42.446	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	188745	44.657	nq	97
59) Diethylphthalate	10.27	149	811451	40.555	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	310840	42.519	nq	99
61) 4-Nitroaniline	10.42	138	185483	43.588	nq	97
62) Azobenzene	10.55	77	794008	41.536	nq	97
64) 4,6-Dinitro-2-methylphenol	10.43	198	84964	39.379	nq	94
65) n-Nitrosodiphenylamine	10.50	169	666339	41.663	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	204237	41.626	nq	96
67) Hexachlorobenzene	10.93	284	226477	41.023	nq	96
68) Atrazine	11.03	200	217113	44.974	nq	100
69) Pentachlorophenol	11.13	266	246477	72.166	nq	96
70) Phenanthrene	11.36	178	1054282	41.042	nq	99
71) Anthracene	11.41	178	1085770	41.581	nq	100
72) Carbazole	11.56	167	1008030	39.506	nq	99
73) Di-n-butylphthalate	11.89	149	1246645	39.996	nq	99
74) Fluoranthene	12.54	202	1088753	40.566	nq	97
76) Benzidine	12.66	184	326407	26.965	nq	99
77) Pyrene	12.77	202	1090699	45.649	nq	99
79) Butylbenzylphthalate	13.39	149	515875	45.830	nq	94
80) Benzo(a)anthracene	13.96	228	810490	42.088	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	171439	23.877	nq	97
82) Chrysene	14.00	228	828037	41.863	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	637899	44.058	nq	100
84) Di-n-octyl phthalate	14.57	149	1056050	43.652	nq	97
85) Indeno(1,2,3-cd)pyrene	16.86	276	761164	45.300	nq	98
87) Benzo(b)fluoranthene	15.03	252	626106	39.059	nq	97
88) Benzo(k)fluoranthene	15.03	252	626106	41.372	nq	99
89) Benzo(a)pyrene	15.36	252	624777	43.561	nq	97
90) Dibenzo(a,h)anthracene	16.89	278	619257	52.570	nq	99
91) Benzo(g,h,i)perylene	17.30	276	653509	57.263	nq	96

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

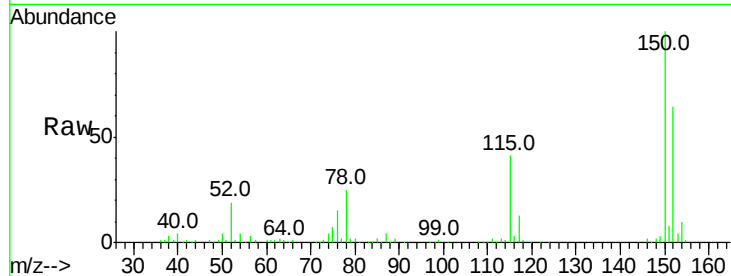


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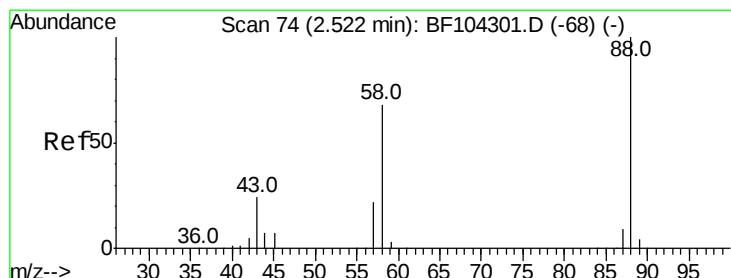
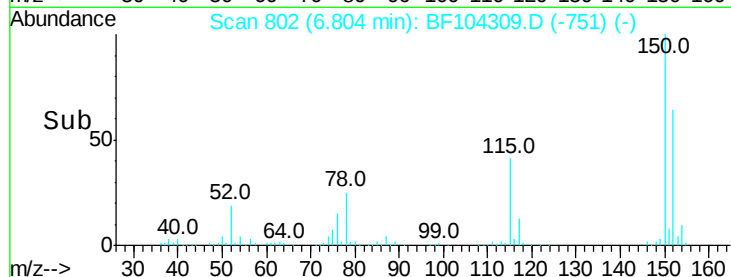
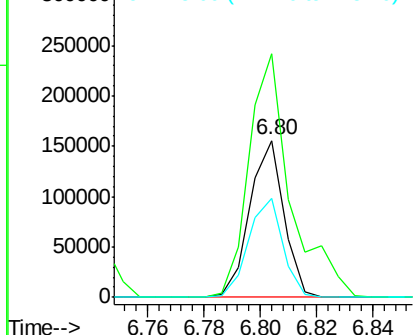
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130452
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 63.3 50.1 75.1



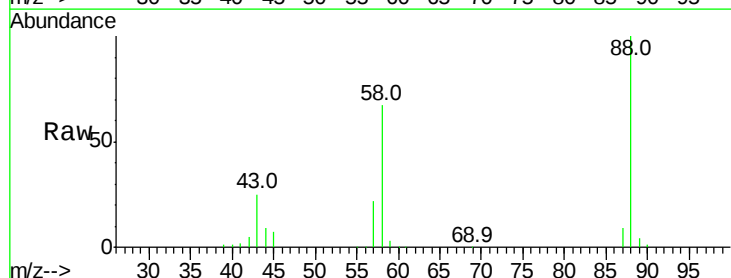
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



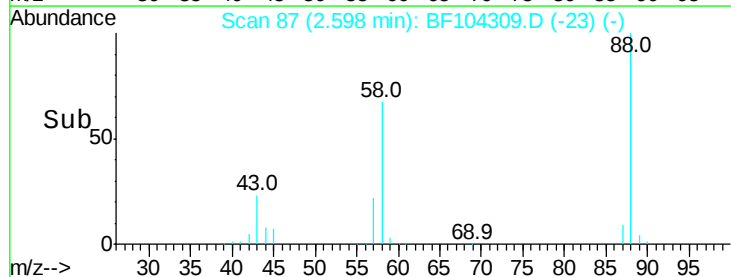
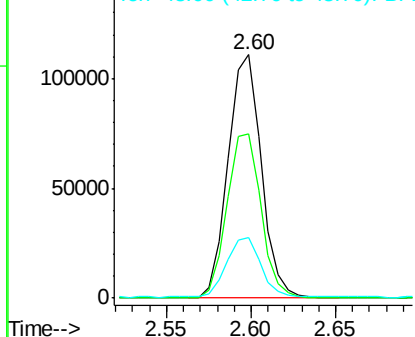
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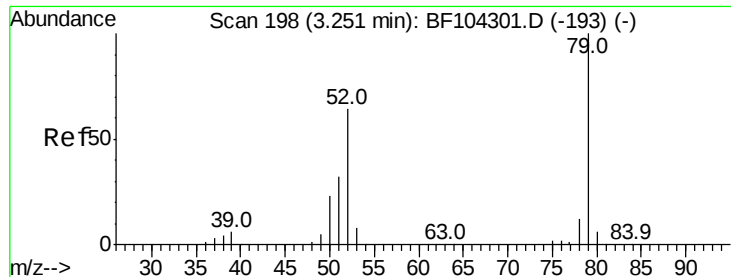
1,4-Dioxane
Concen: 38.168 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.08 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion: 88 Resp: 151730
Ion Ratio Lower Upper
88 100
58 69.3 62.6 93.8
43 25.2 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

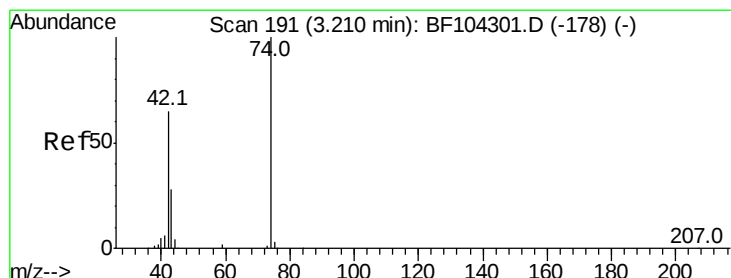
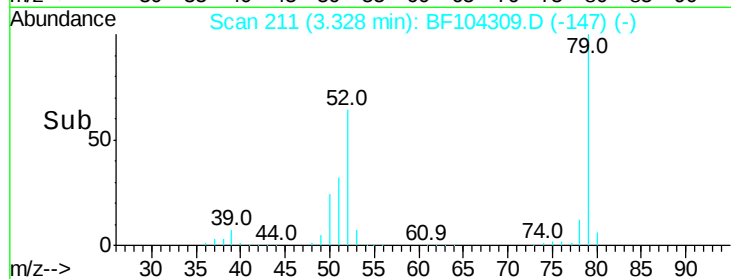
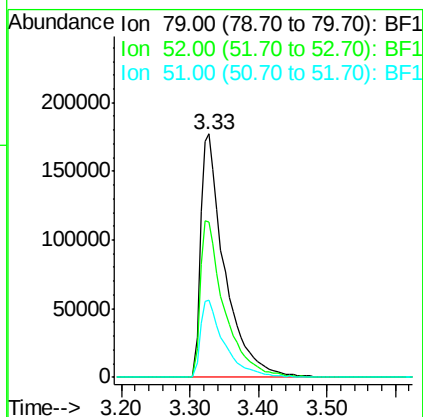
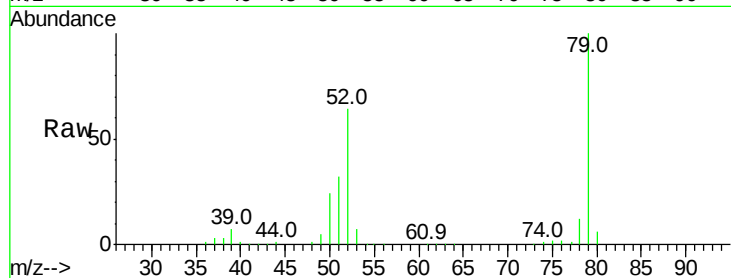




#3
 Pvridine
 Concen: 38.855 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.08 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

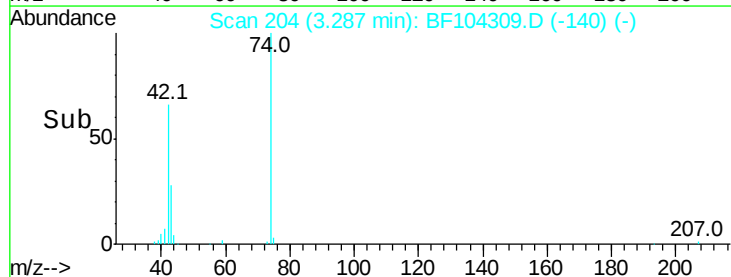
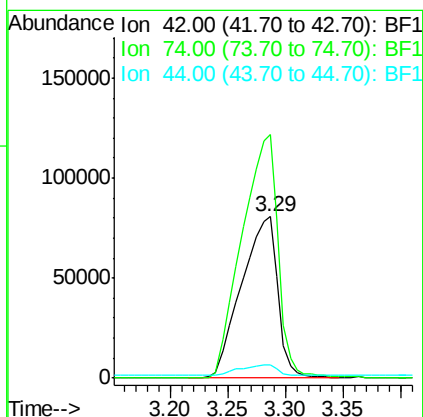
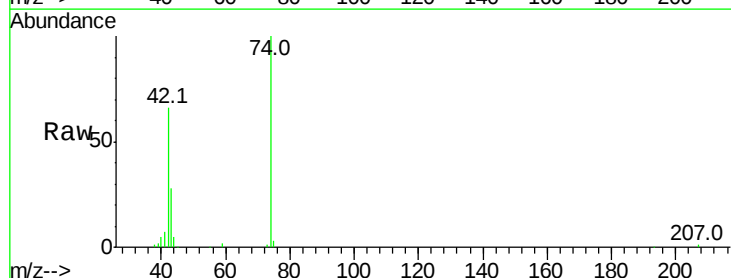
Instrument :
 BNA_F
 ClientSampleId :

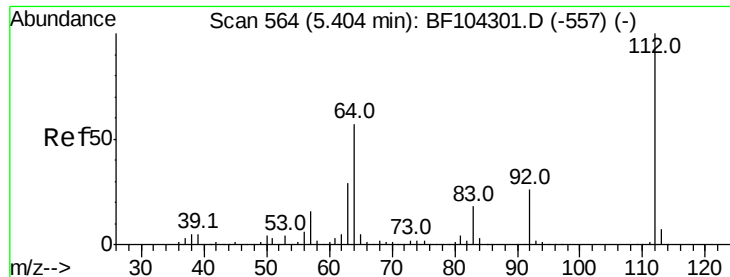
Tot Ion: 79 Resp: 434280
 Ion Ratio Lower Upper
 79 100
 52 63.6 59.8 89.6
 51 31.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 45.362 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.08 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion: 42 Resp: 177229
 Ion Ratio Lower Upper
 42 100
 74 150.8 104.9 157.3
 44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 122.525 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :

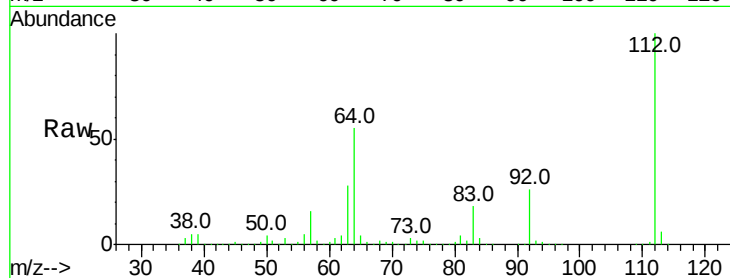
Tot Ion:112 Resp: 1045325

Ion Ratio Lower Upper

112 100

64 55.0 47.9 71.9

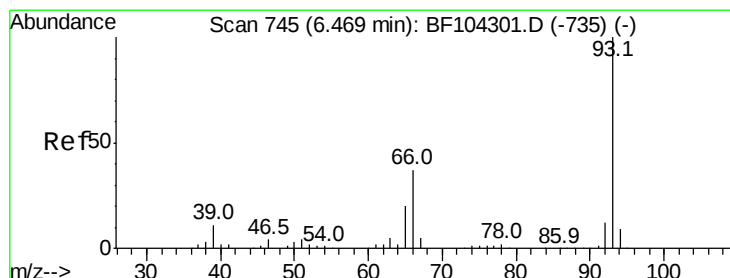
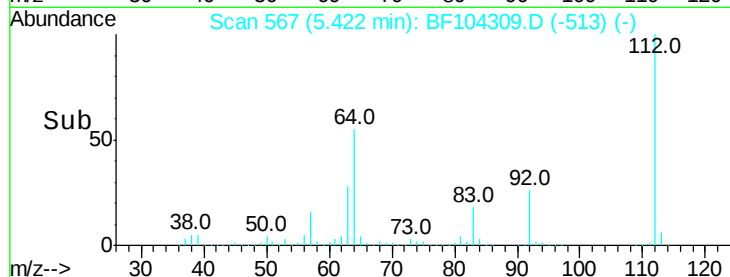
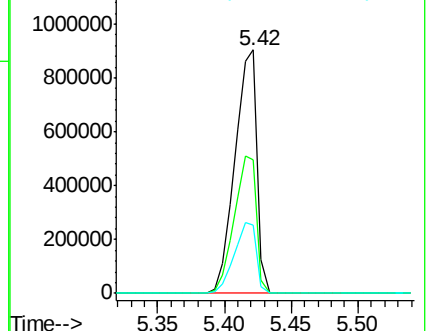
63 28.2 23.7 35.5



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: 26.878 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

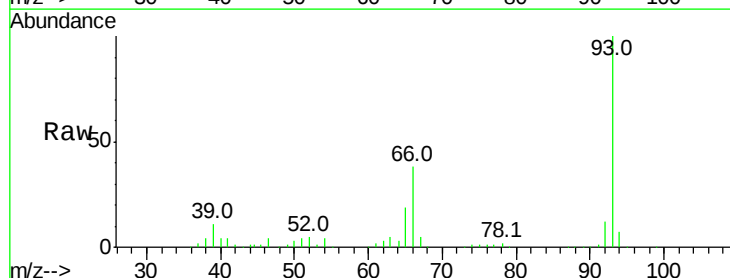
Tgt Ion: 93 Resp: 391437

Ion Ratio Lower Upper

93 100

66 37.8 32.2 48.2

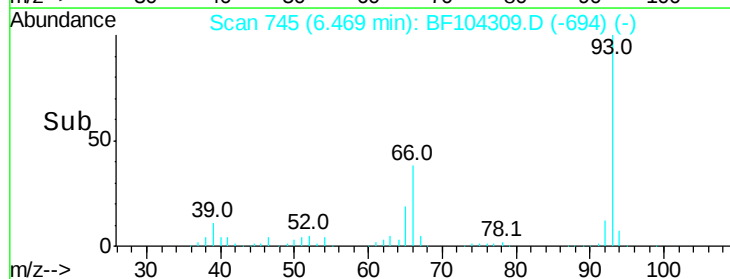
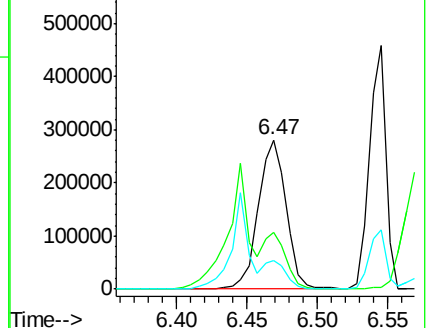
65 18.9 16.4 24.6

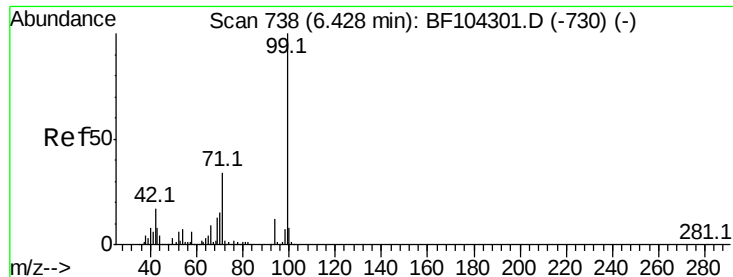


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.981 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

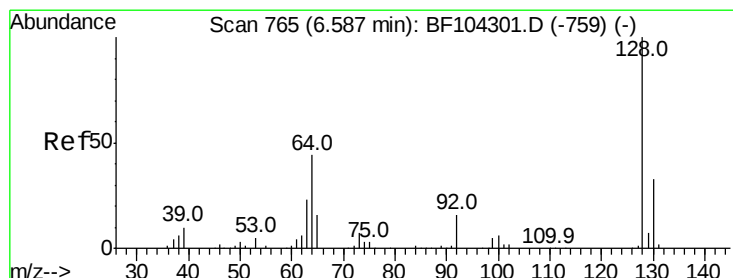
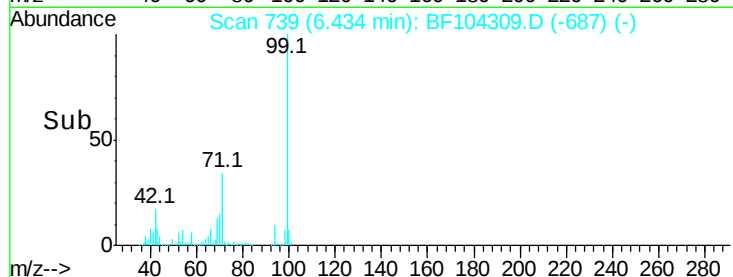
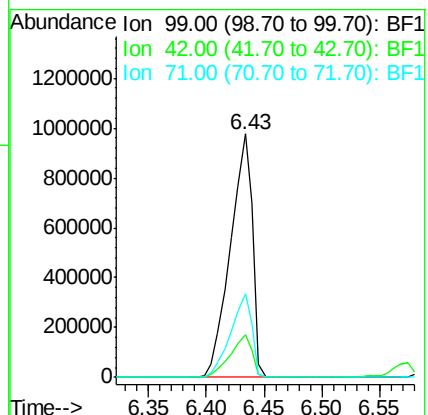
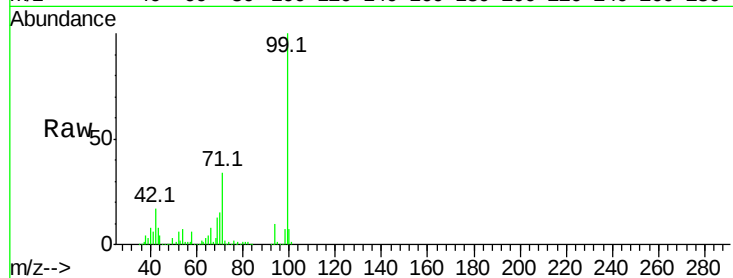
Tot Ion: 99 Resp: 1289147

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

71 34.3 25.4 38.0



#8

2-Chlorophenol

Concen: 43.891 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

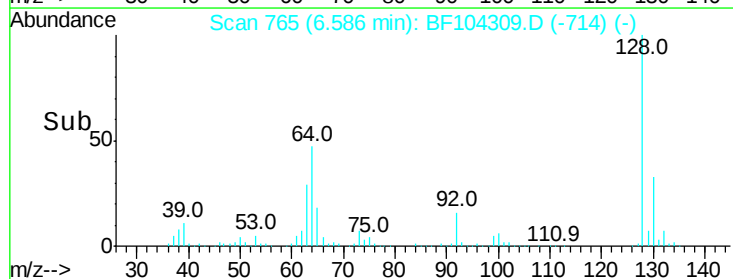
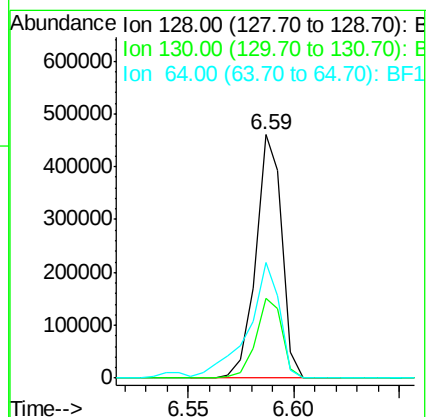
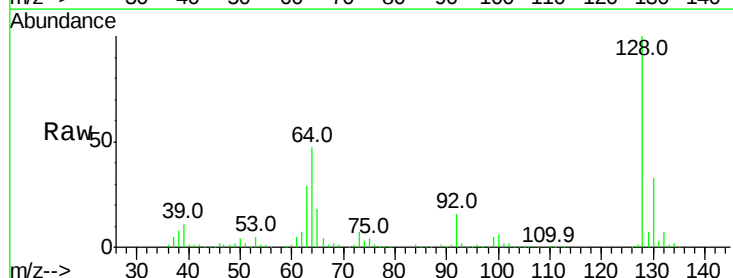
Tgt Ion:128 Resp: 395231

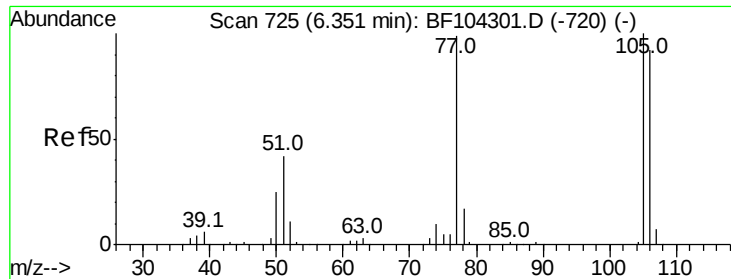
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 47.5 29.4 69.4





#9

Benzaldehyde

Concen: 20.398 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

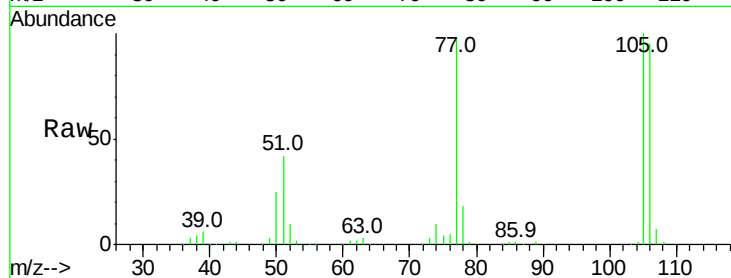
Tot Ion: 77 Resp: 127994

Ion Ratio Lower Upper

77 100

105 102.7 81.1 121.1

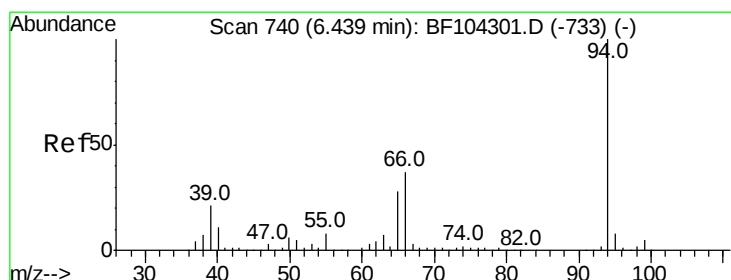
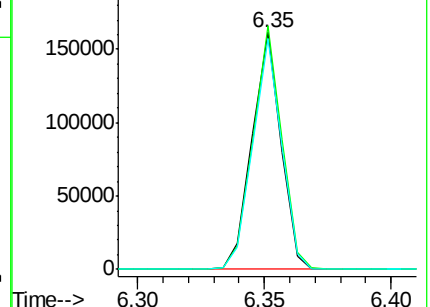
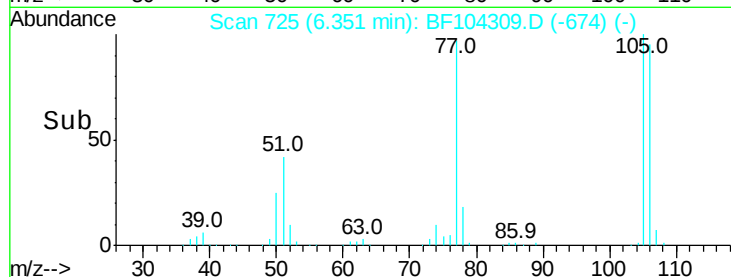
106 97.5 74.5 114.5



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: 43.623 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

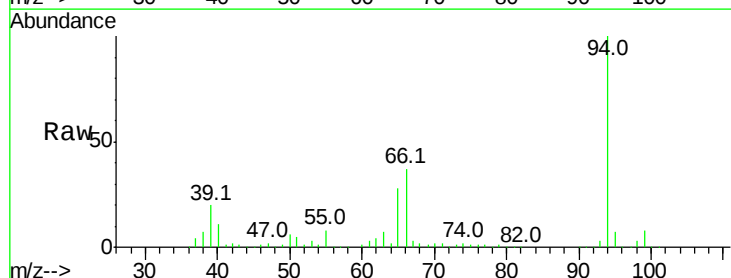
Tgt Ion: 94 Resp: 485185

Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

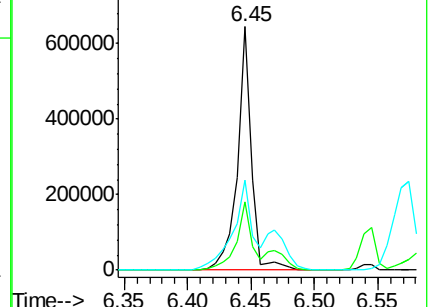
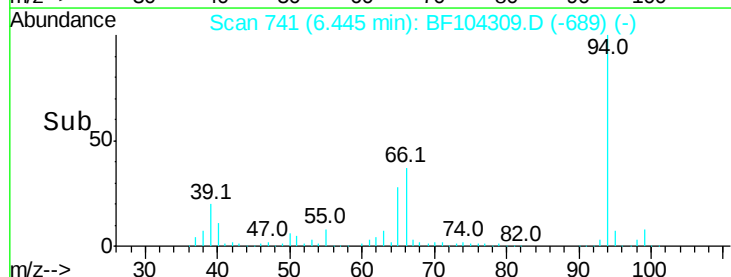
66 36.8 16.2 56.2

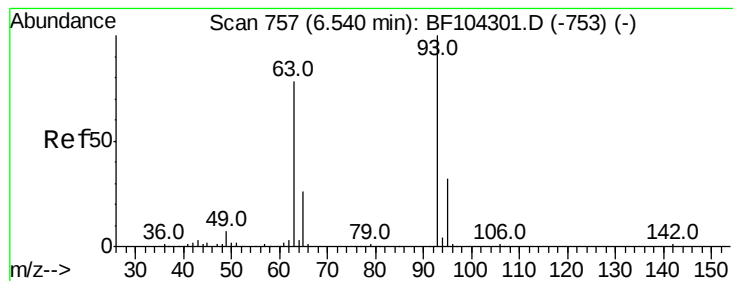


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

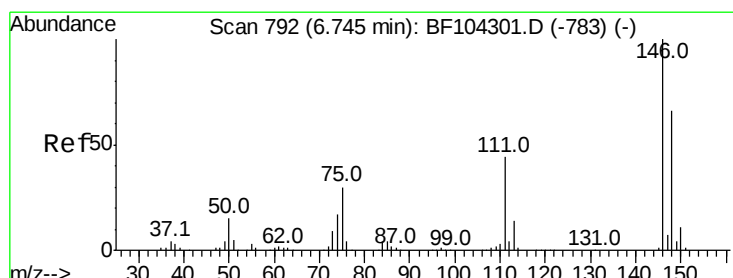
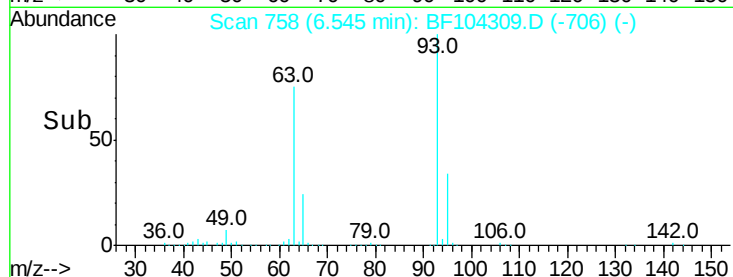
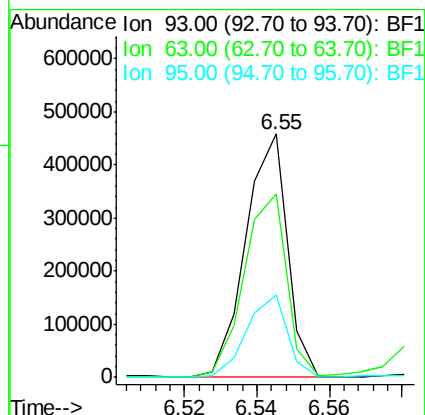
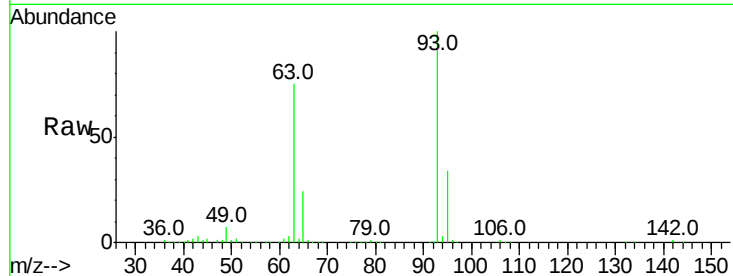




#11
bis(2-Chloroethyl)ether
Concen: 41.427 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

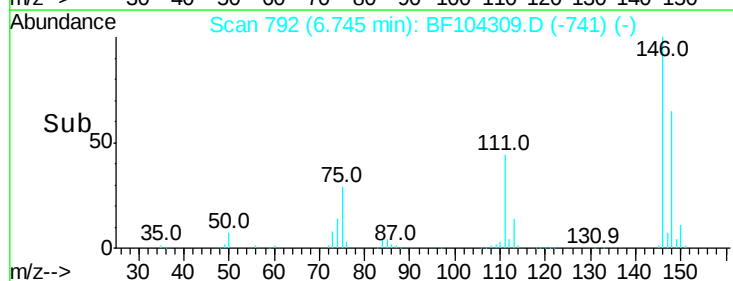
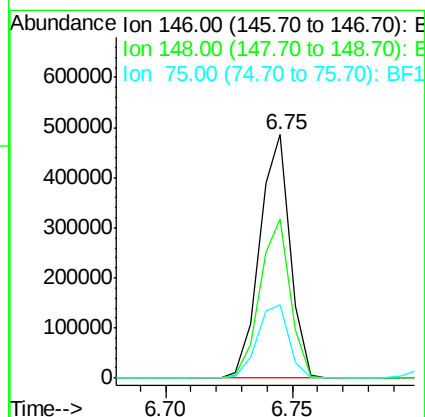
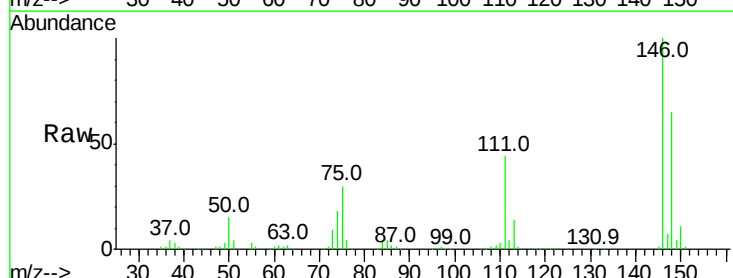
Instrument :
BNA_F
ClientSampleId :

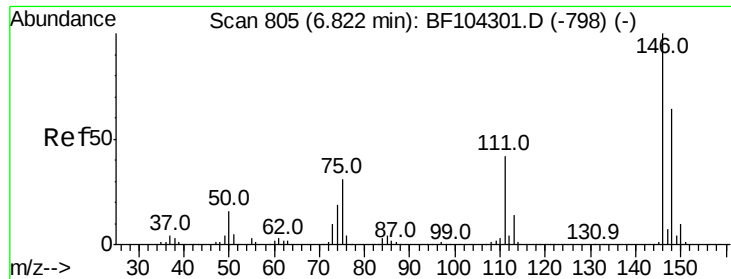
Tot Ion: 93 Resp: 367692
Ion Ratio Lower Upper
93 100
63 75.3 58.6 98.6
95 34.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.541 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion: 146 Resp: 403369
Ion Ratio Lower Upper
146 100
148 65.5 51.8 77.8
75 30.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.667 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

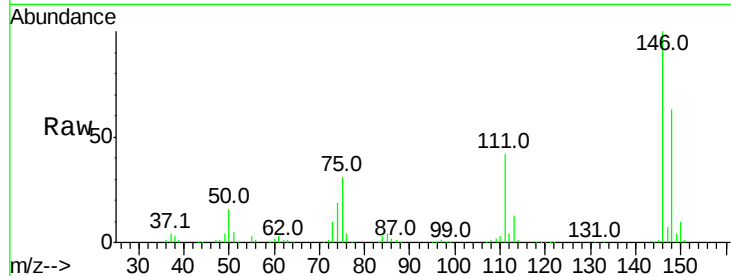
Tot Ion:146 Resp: 413549

Ion Ratio Lower Upper

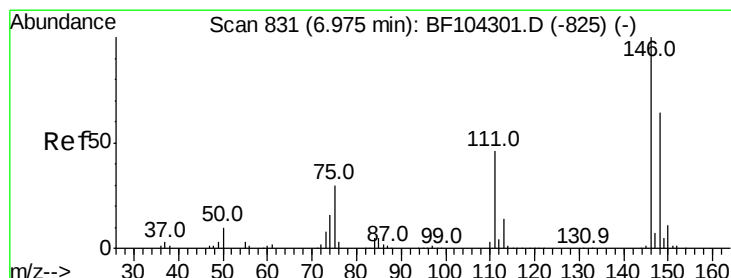
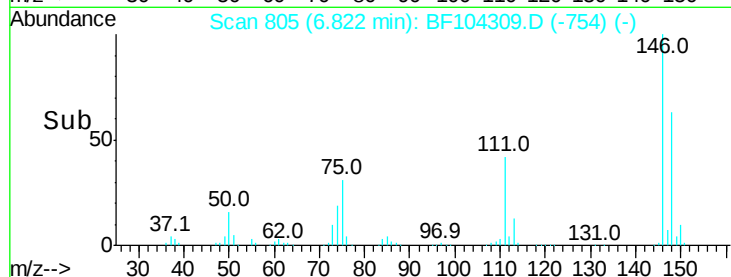
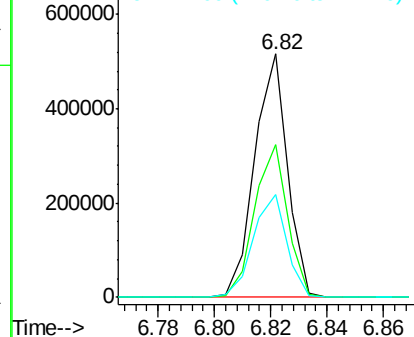
146 100

148 62.5 50.8 76.2

111 42.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.574 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

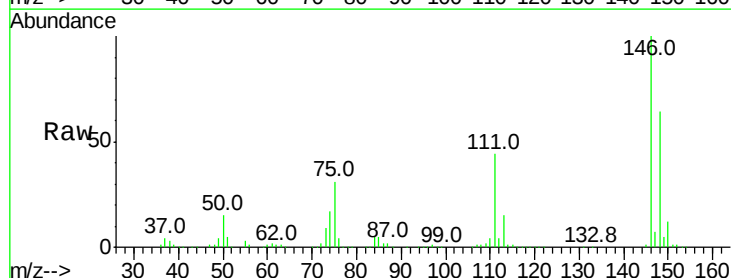
Tgt Ion:146 Resp: 382355

Ion Ratio Lower Upper

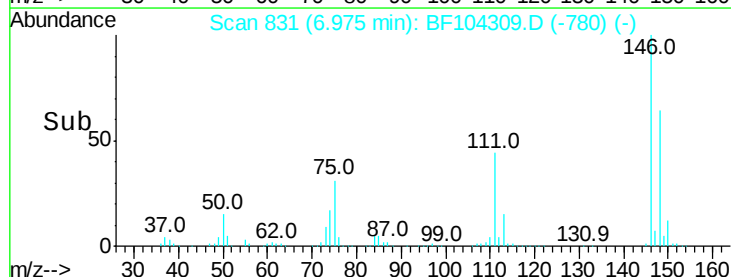
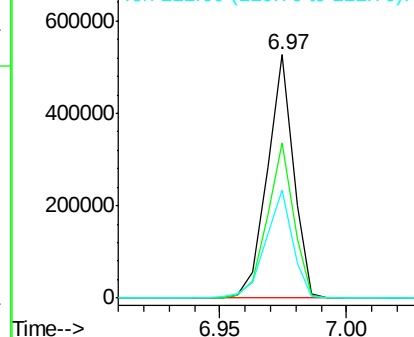
146 100

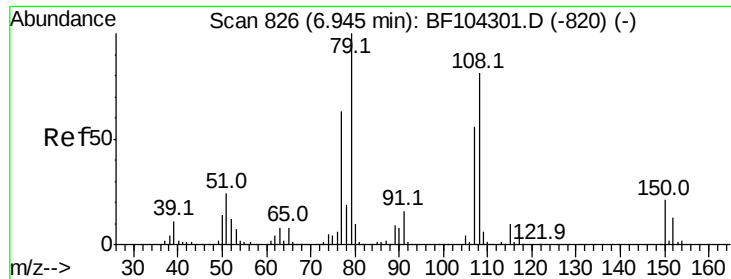
148 64.0 50.6 75.8

111 44.3 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

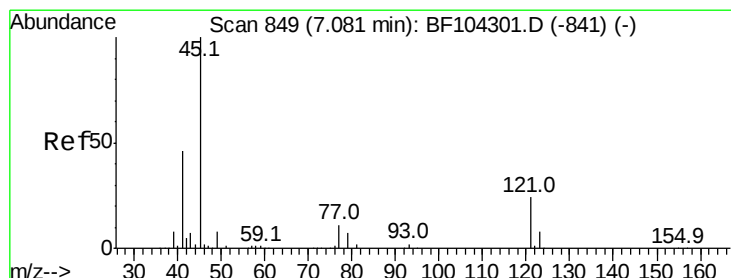
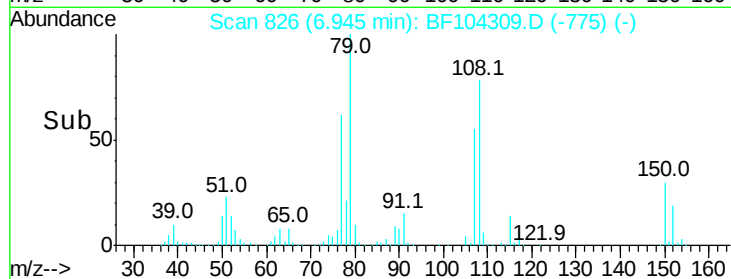
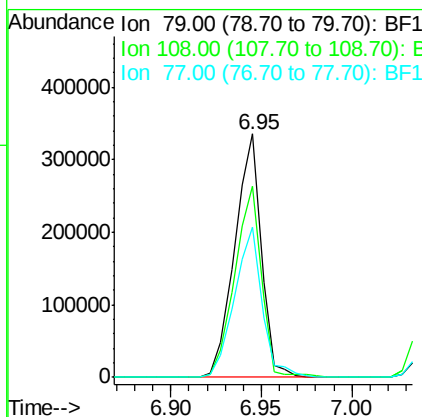
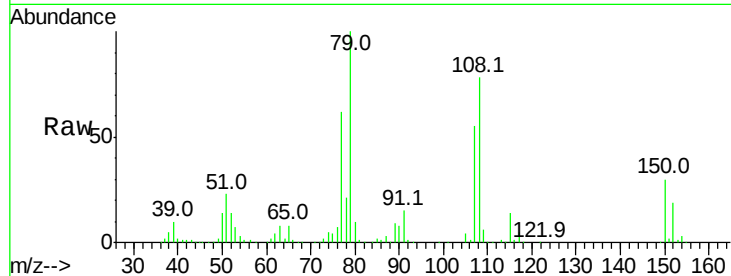




#15
Benzyl Alcohol
Concen: 42.911 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

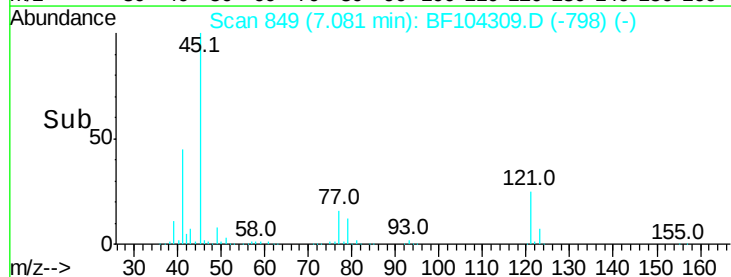
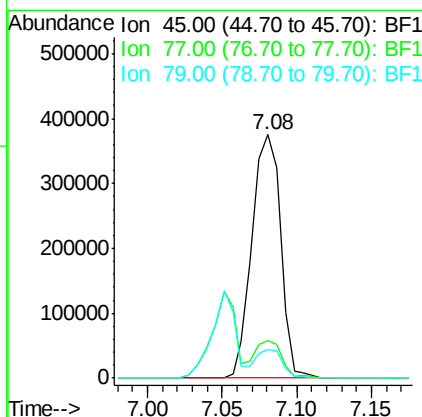
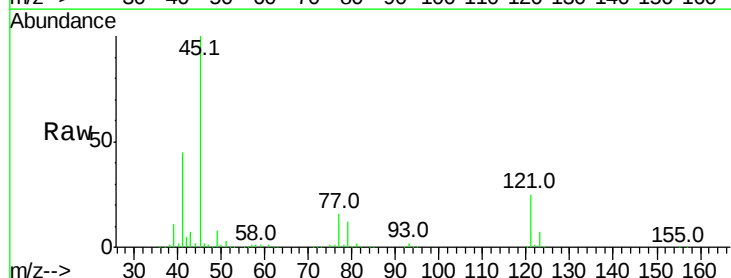
Instrument :
BNA_F
ClientSampled :

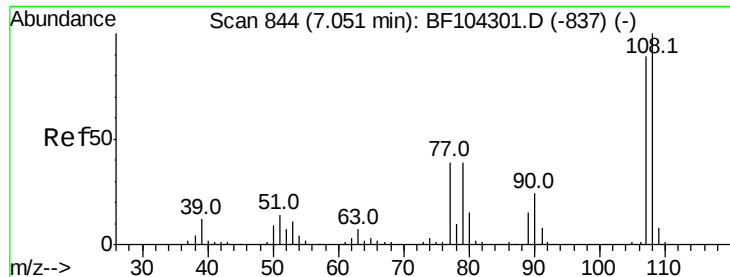
Tot Ion: 79 Resp: 341645
Ion Ratio Lower Upper
79 100
108 78.4 65.1 97.7
77 61.7 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.499 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion: 45 Resp: 494651
Ion Ratio Lower Upper
45 100
77 15.6 0.0 32.9
79 11.9 0.0 29.6

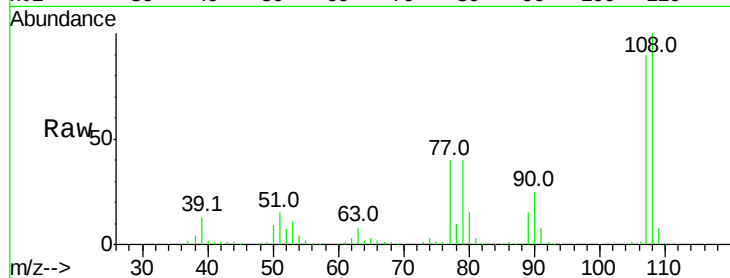




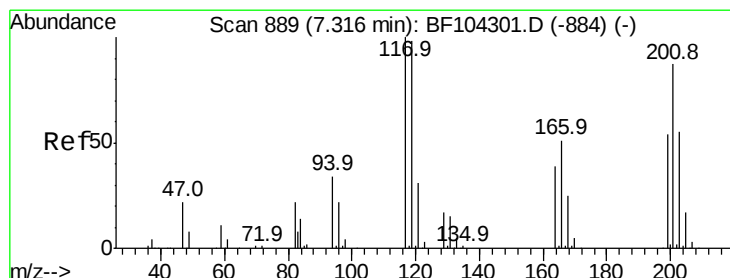
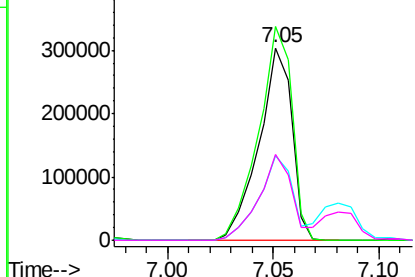
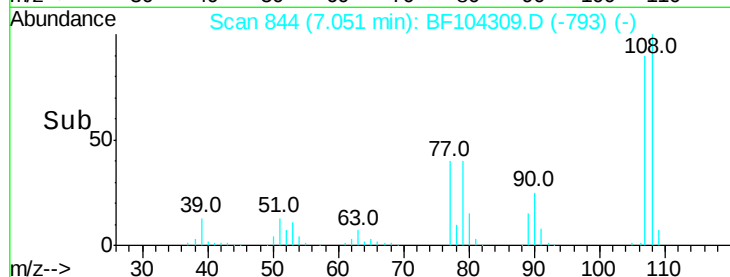
#17
2-Methylphenol
Concen: 42.221 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 330484
Ion Ratio Lower Upper
107 100
108 111.1 91.7 137.5
77 43.9 33.8 50.8
79 44.5 33.8 50.8

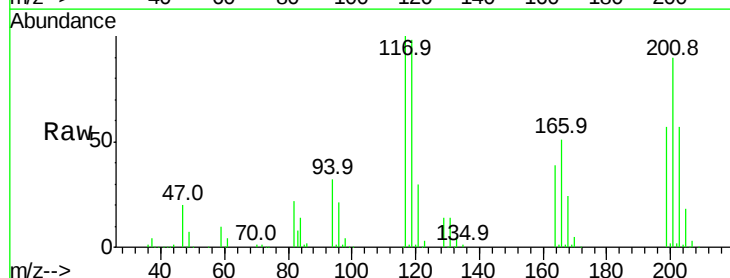


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

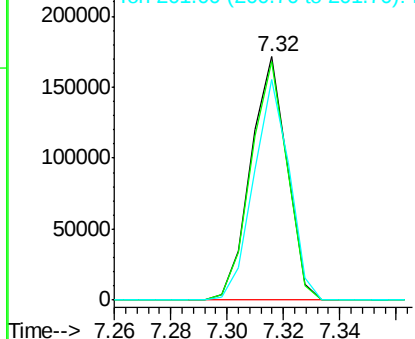
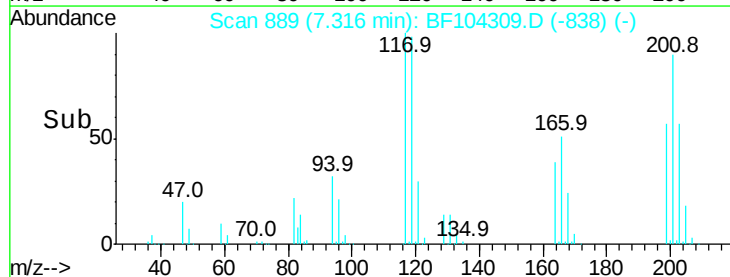


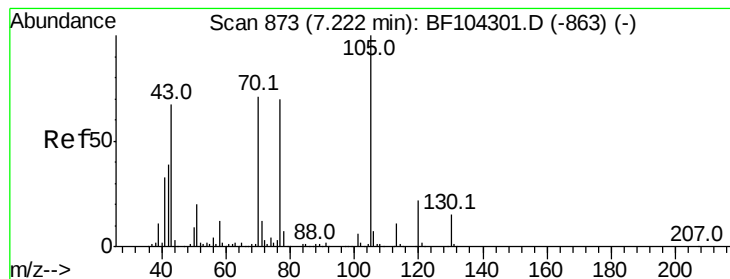
#18
Hexachloroethane
Concen: 41.982 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion:117 Resp: 152214
Ion Ratio Lower Upper
117 100
119 97.8 75.8 113.8
201 90.4 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: 39.902 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 273322

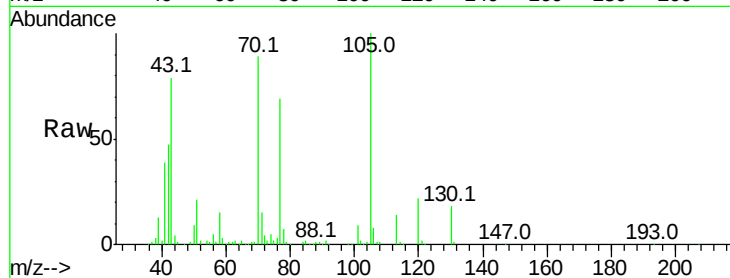
Ion Ratio Lower Upper

70 100

42 53.1 47.5 71.3

101 9.6 7.4 11.2

130 20.8 16.6 25.0

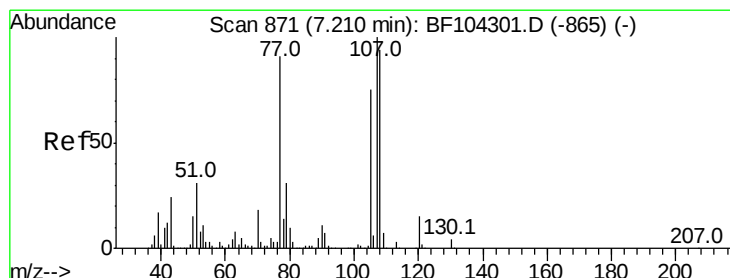
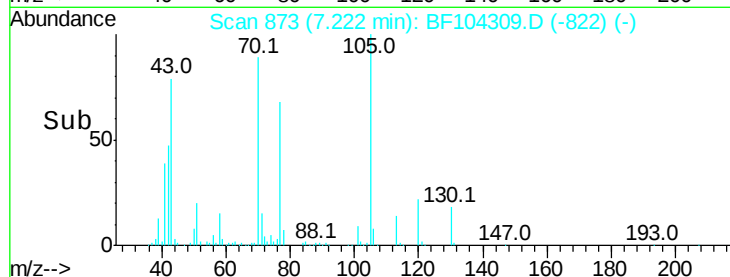
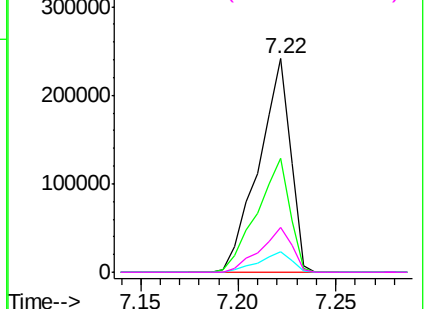


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 40.580 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Tgt Ion:107 Resp: 393943

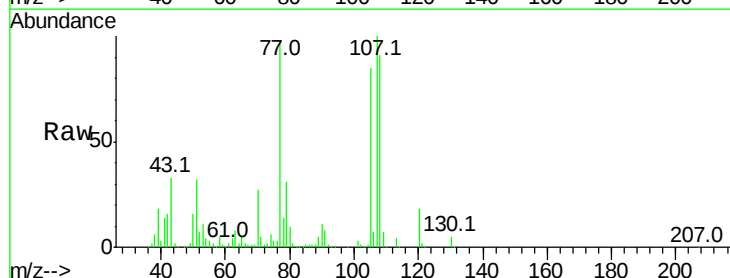
Ion Ratio Lower Upper

107 100

108 91.4 68.2 108.2

77 98.0 26.7 66.7#

79 31.0 6.3 46.3

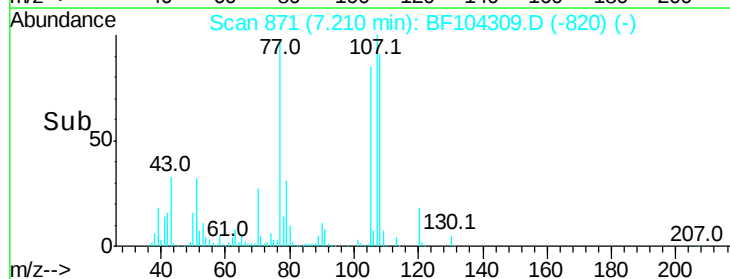
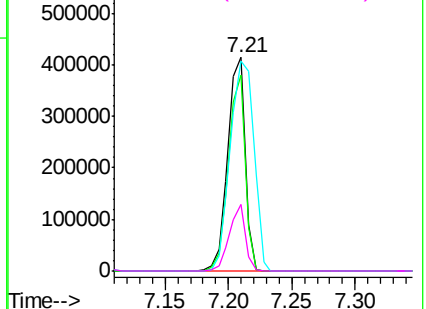


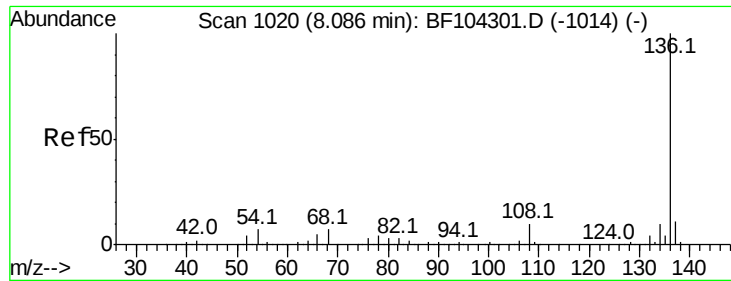
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

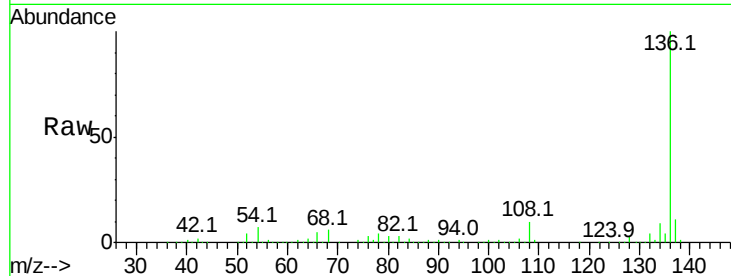




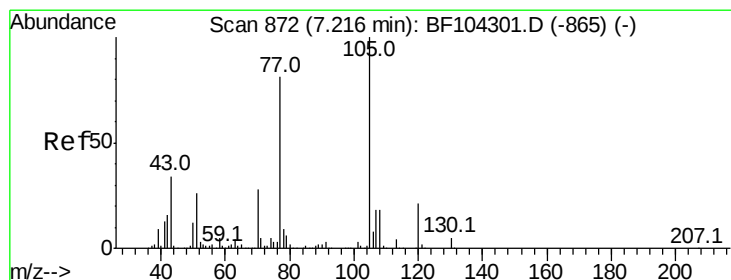
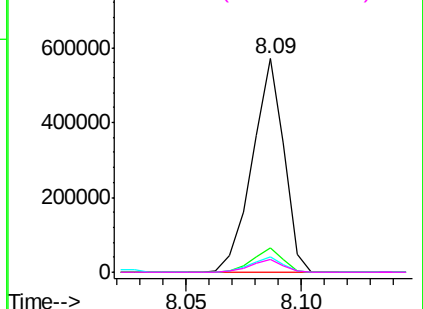
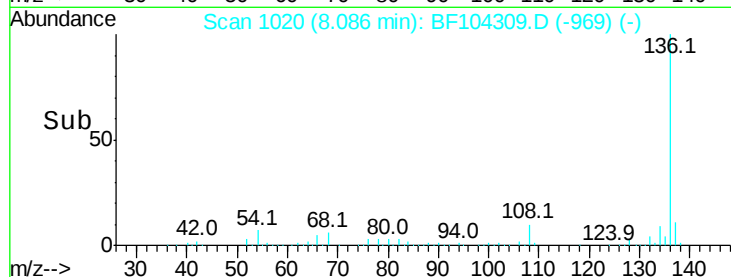
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 544188
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 7.1	6.6 9.8
68 6.1	5.0 7.4

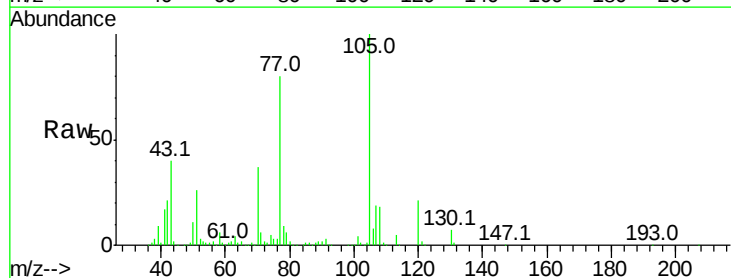


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

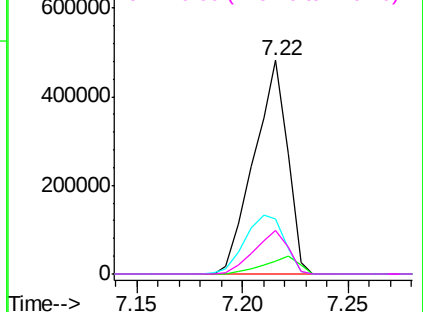
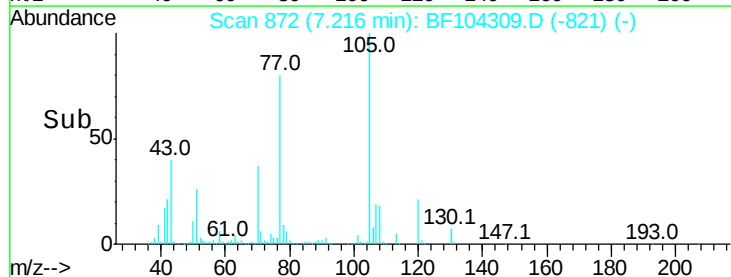


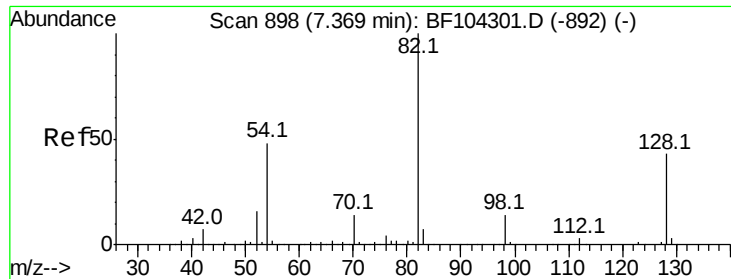
#22
Acetophenone
Concen: 39.586 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt	Ion:105	Resp:	530353
Ion	Ratio	Lower	Upper
105	100		
71	6.3	4.4	6.6
51	25.5	22.3	33.5
120	20.5	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

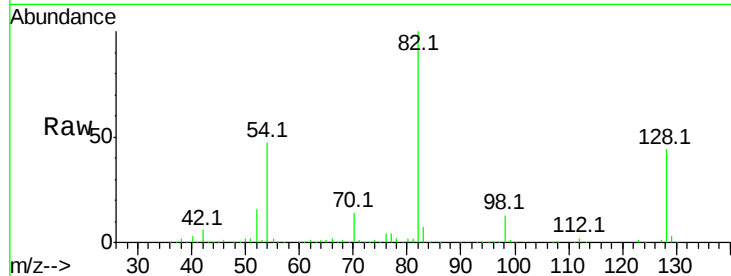




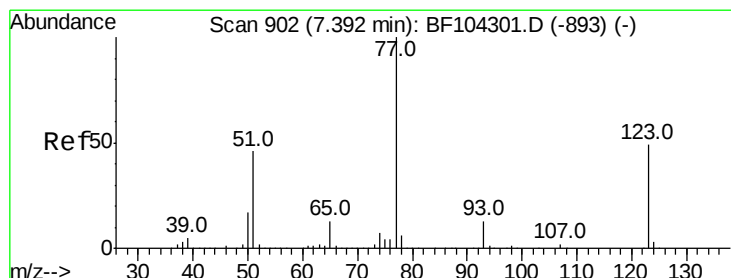
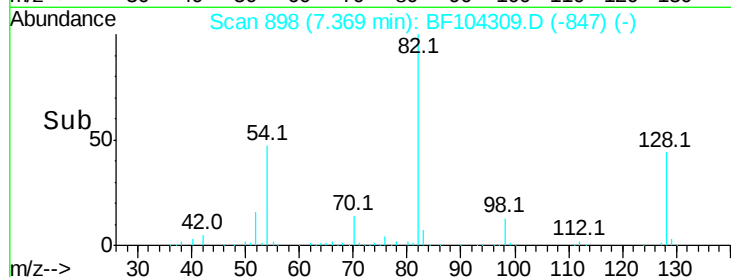
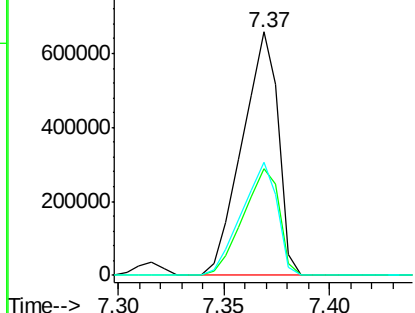
#23
 Nitrobenzene-d5
 Concen: 93.514 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 779340
 Ion Ratio Lower Upper
 82 100
 128 43.9 36.1 54.1
 54 46.5 41.4 62.2

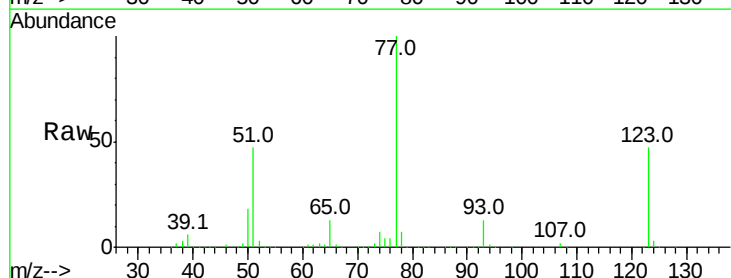


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

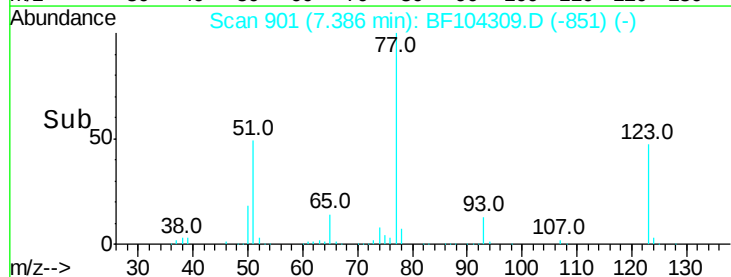
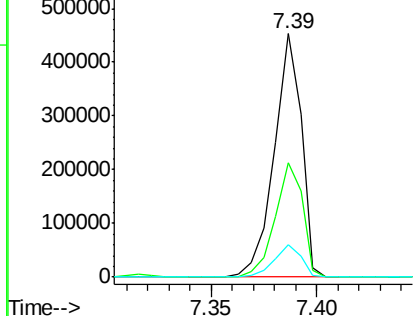


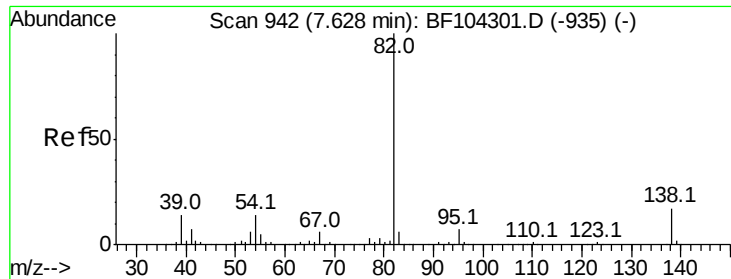
#24
 Nitrobenzene
 Concen: 44.067 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion: 77 Resp: 405472
 Ion Ratio Lower Upper
 77 100
 123 47.2 37.9 56.9
 65 13.4 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: 43.062 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

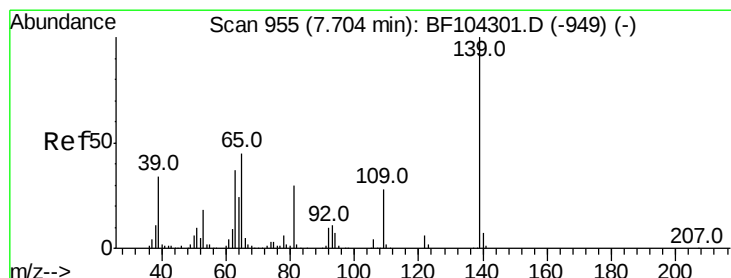
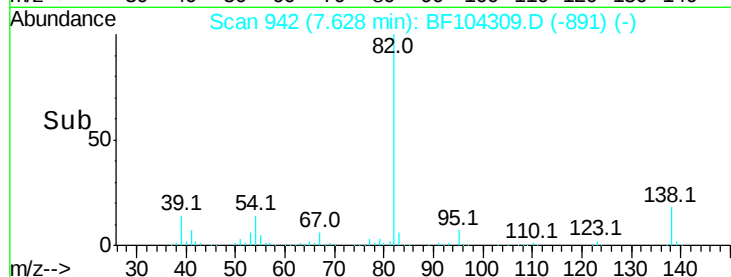
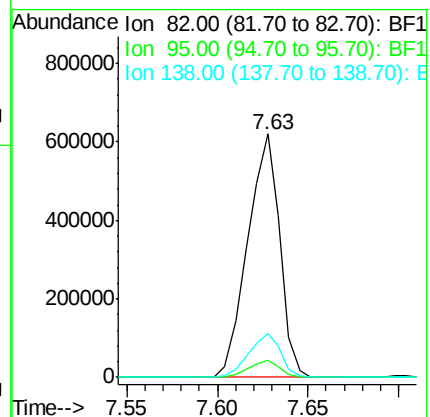
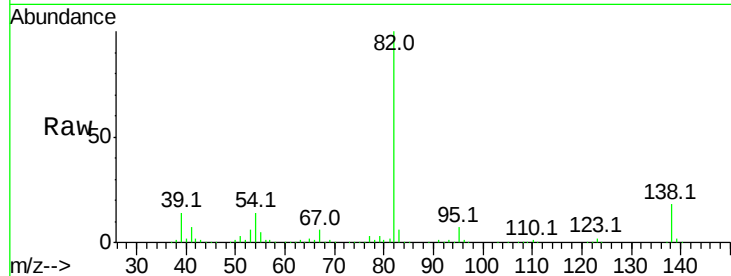
Tot Ion: 82 Resp: 758886

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 18.0 14.9 22.3



#26

2-Nitrophenol

Concen: 52.297 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

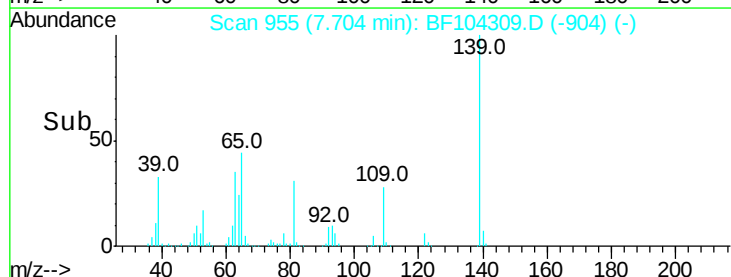
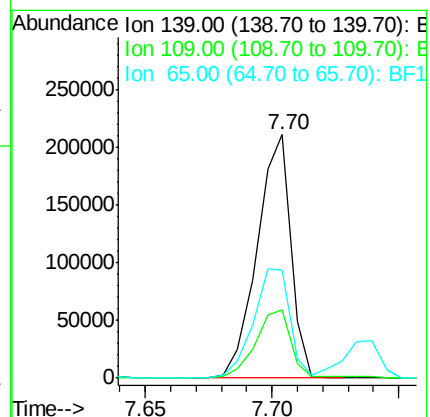
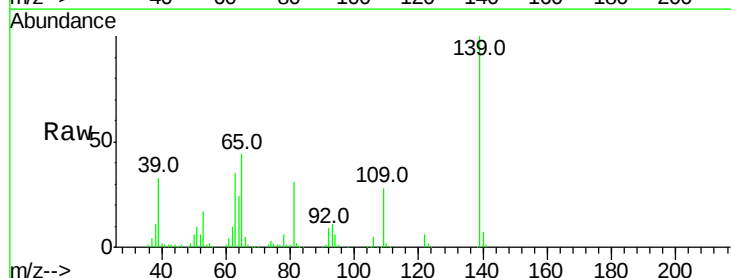
Tgt Ion: 139 Resp: 195895

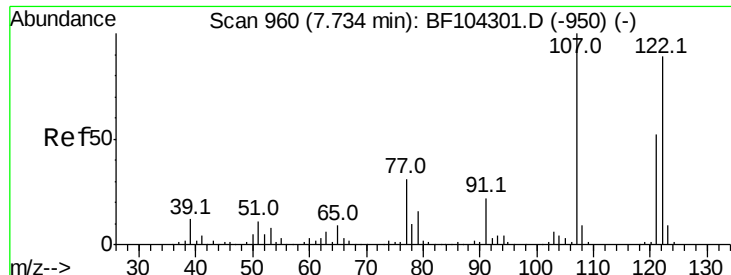
Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

65 44.3 40.5 60.7

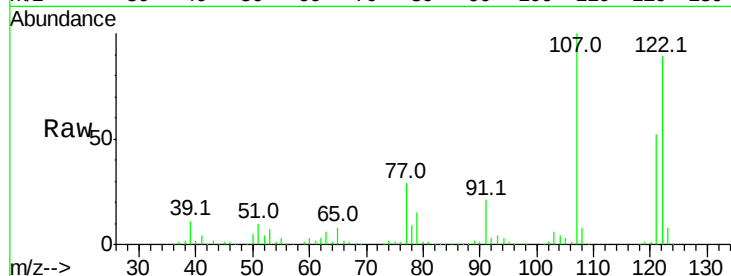




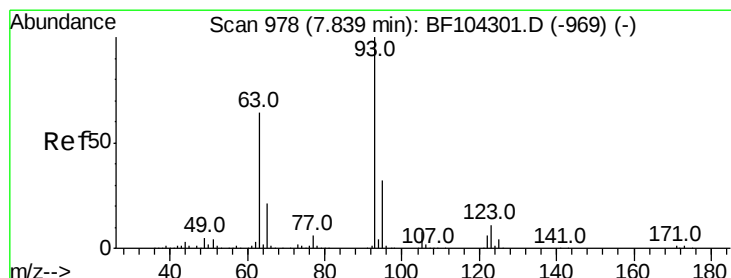
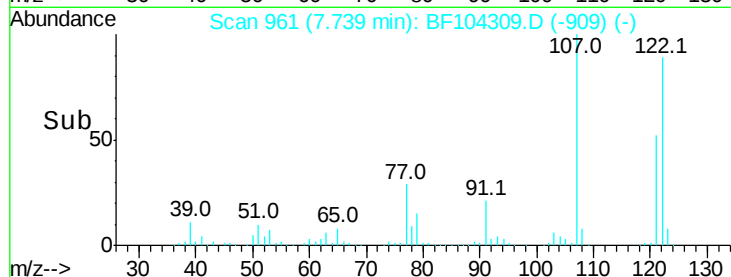
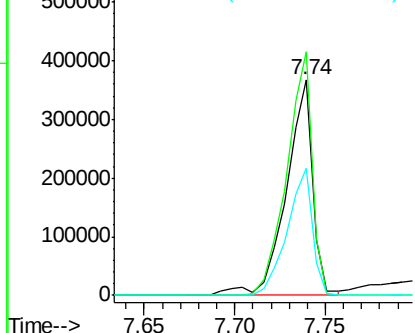
#27
 2,4-Dimethylphenol
 Concen: 48.061 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:122 Resp: 373804
 Ion Ratio Lower Upper
 122 100
 107 112.9 91.2 136.8
 121 59.0 47.2 70.8

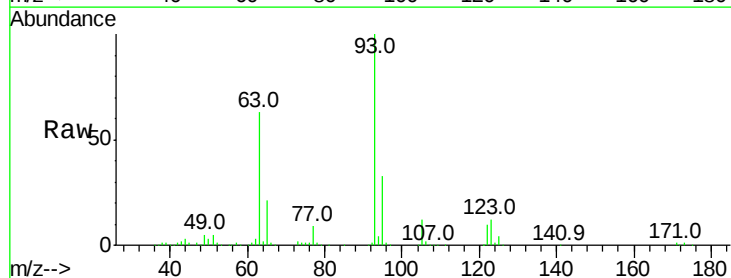


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

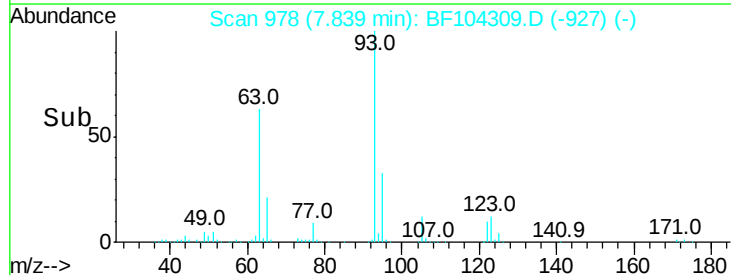
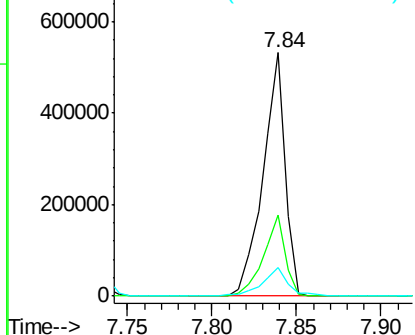


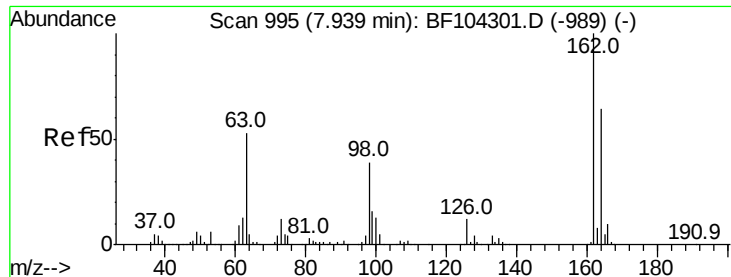
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.760 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion: 93 Resp: 482287
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.6 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

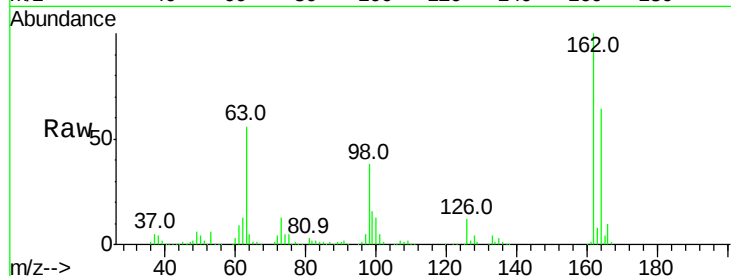




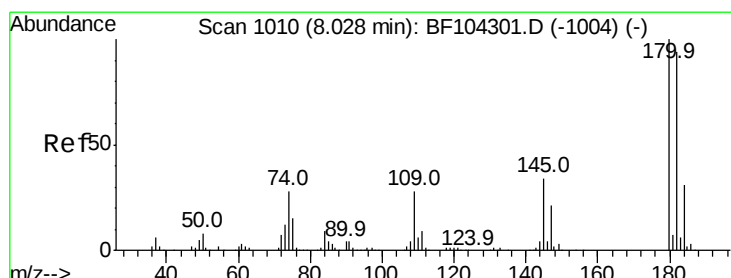
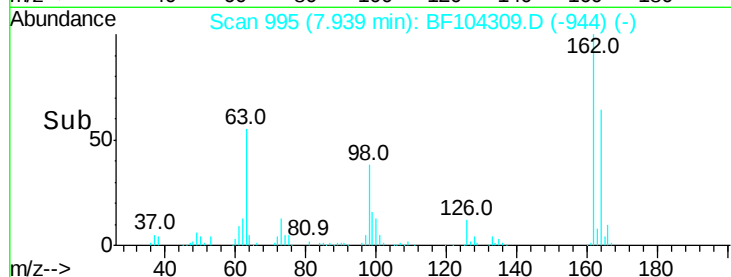
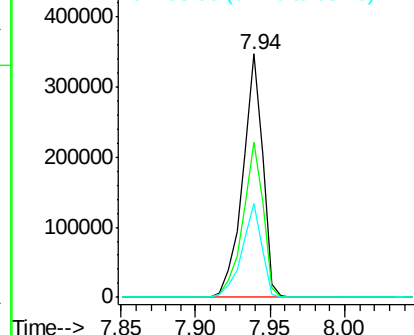
#29
 2,4-Dichlorophenol
 Concen: 43.818 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	38.5	18.1	58.1

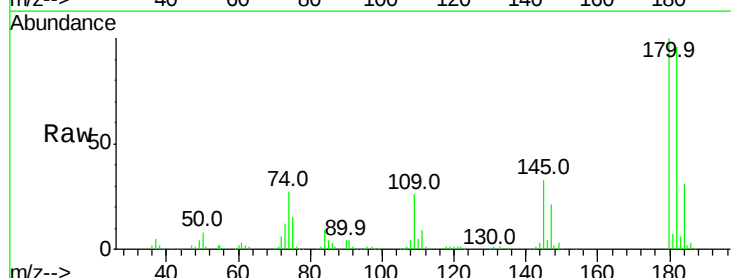


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

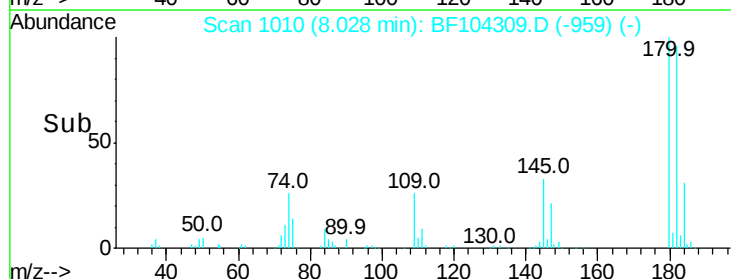
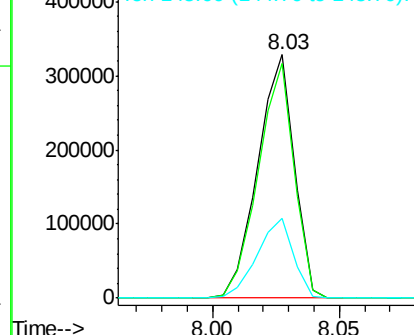


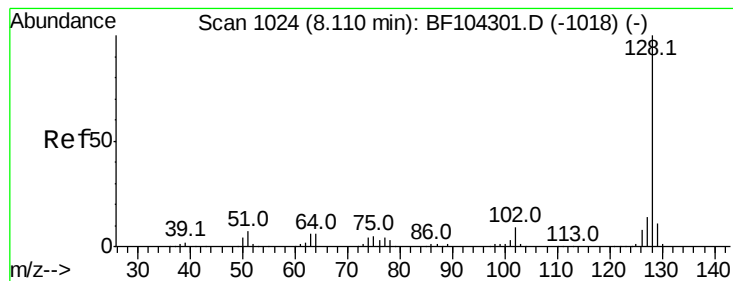
#30
 1,2,4-Trichlorobenzene
 Concen: 40.354 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.8	115.2
145	32.6	26.5	39.7



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





#31

Naphthalene

Concen: 40.929 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

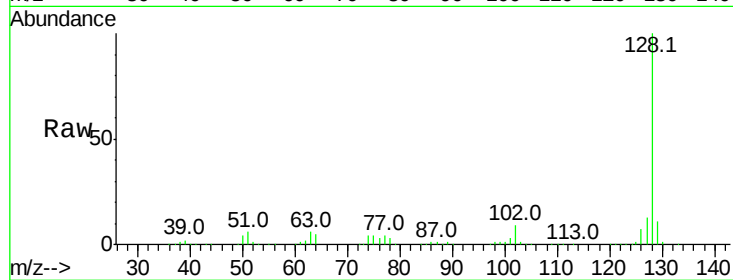
Tot Ion:128 Resp: 1109075

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

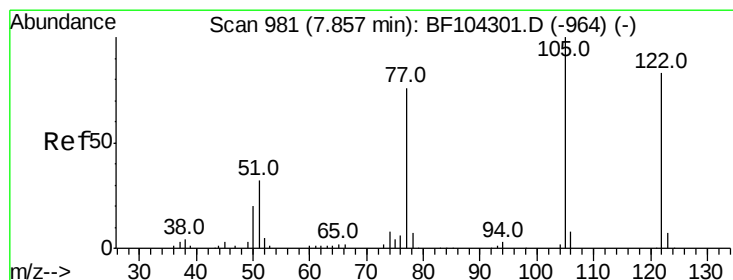
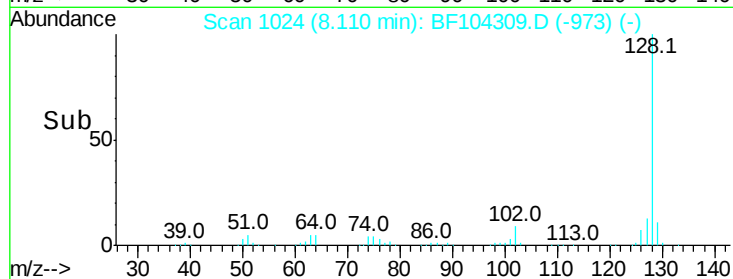
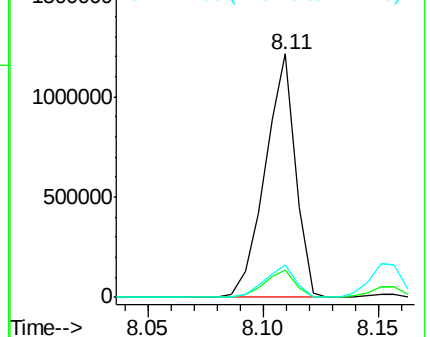
127 13.3 10.9 16.3



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: 37.142 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

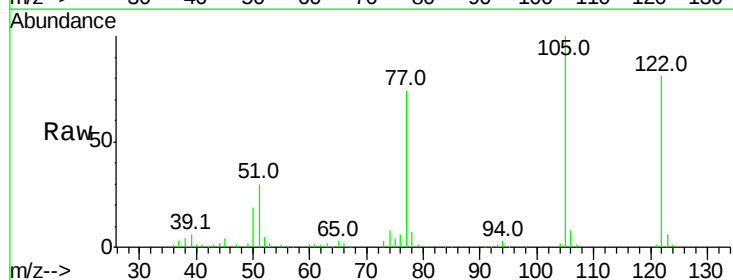
Tgt Ion:122 Resp: 230493

Ion Ratio Lower Upper

122 100

105 123.2 101.1 141.1

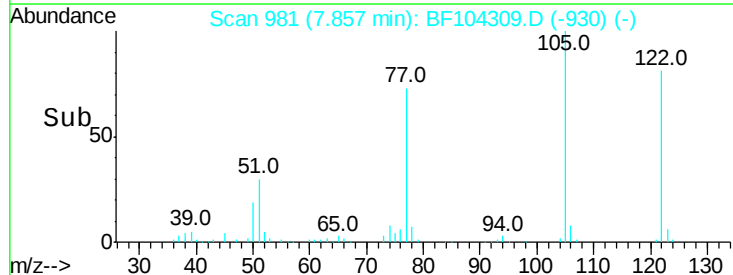
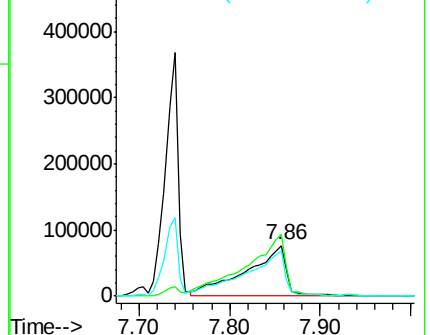
77 90.7 70.7 110.7

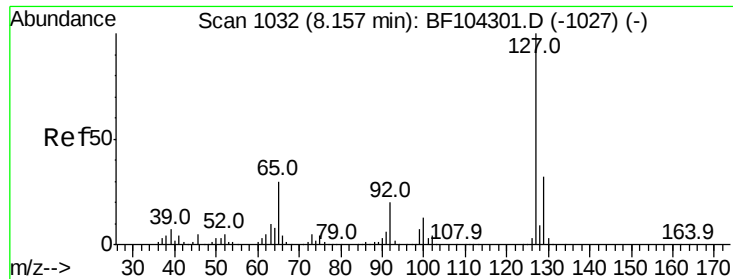


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

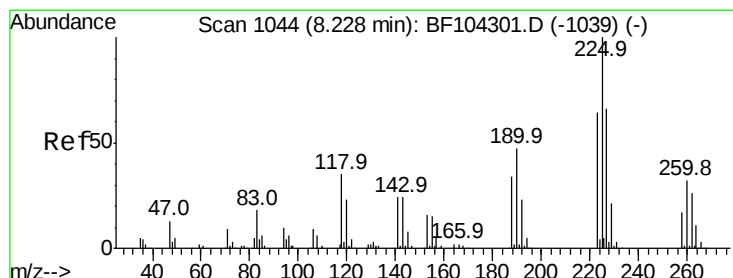
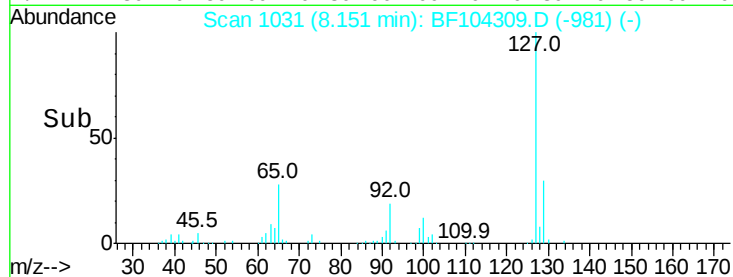
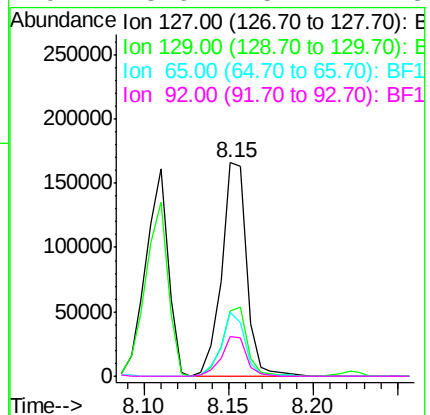
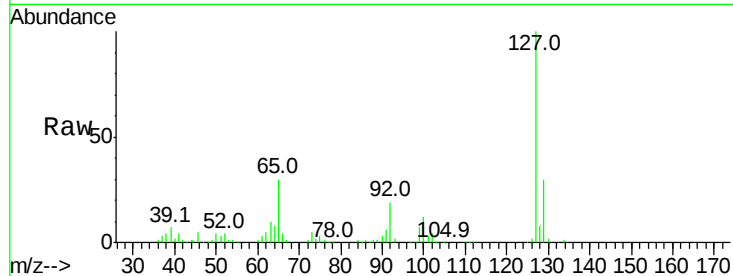




#33
4-Chloroaniline
Concen: 14.827 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

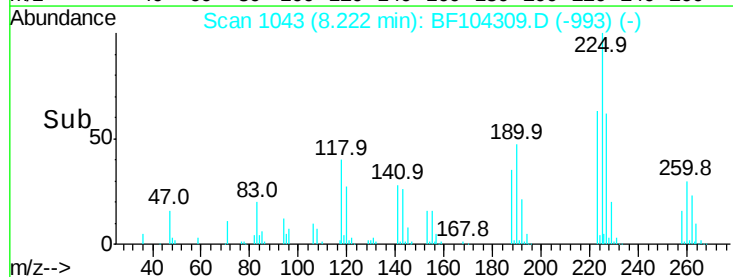
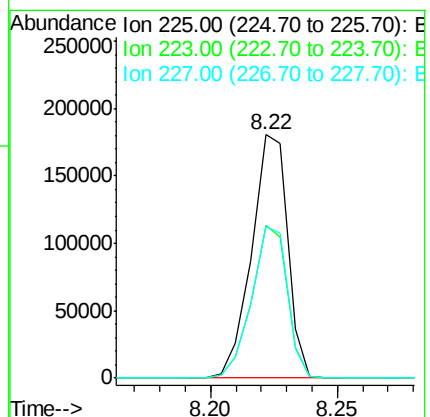
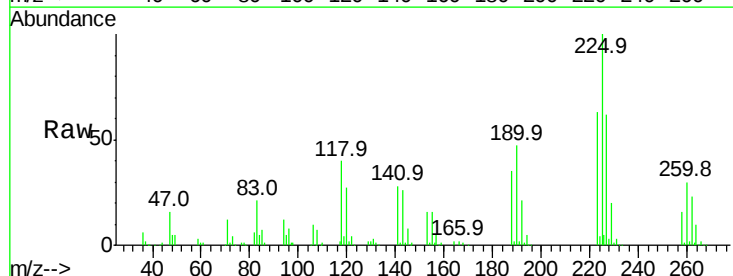
Instrument :
BNA_F
ClientSampleId :

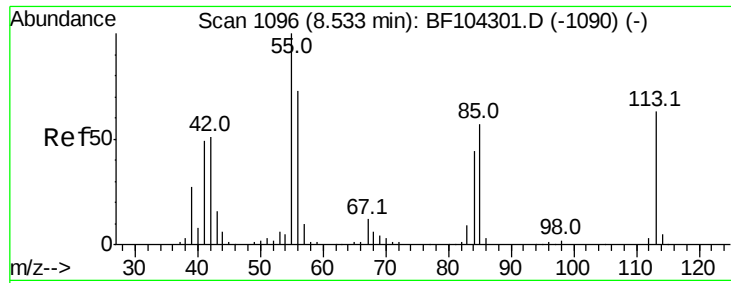
Tot Ion:	127	Resp:	172126
Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.9	38.9
65	29.9	25.0	37.4
92	18.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.184 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion:	225	Resp:	179259
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	62.3	51.9	77.9

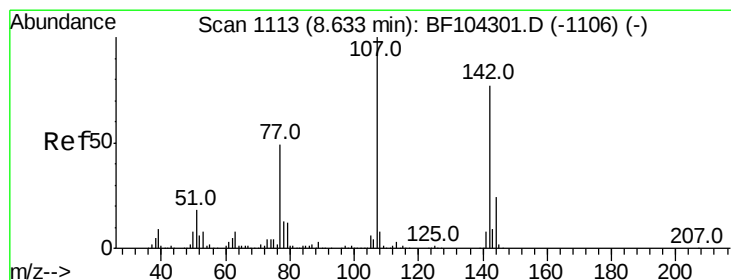
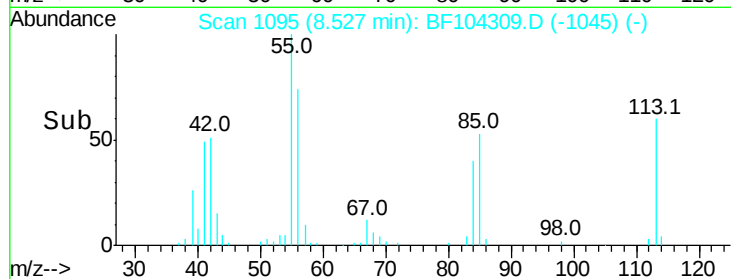
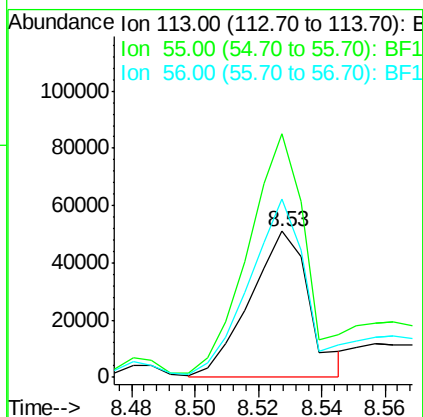
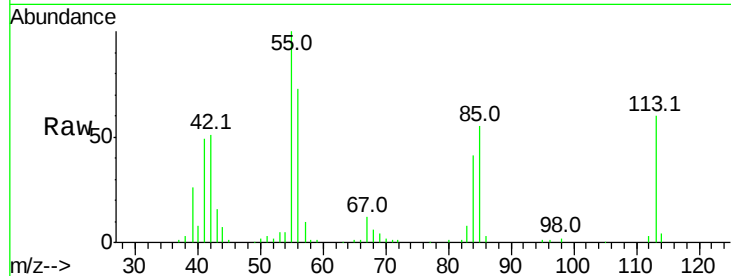




#35
 Caprolactam
 Concen: 25.580 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

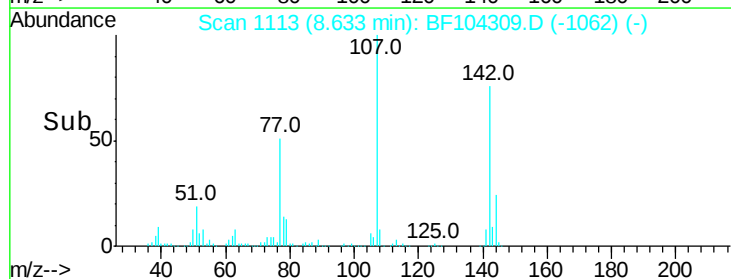
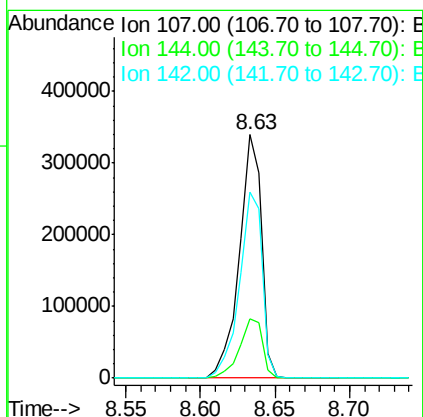
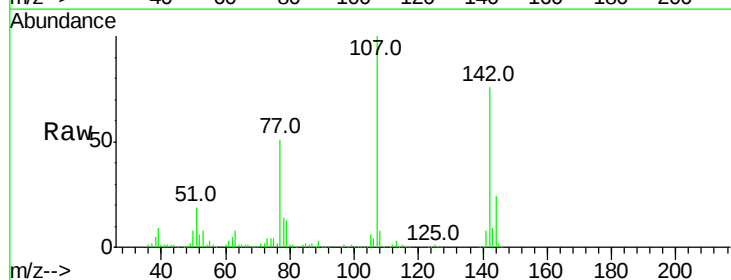
Instrument :
 BNA_F
 ClientSampleId :

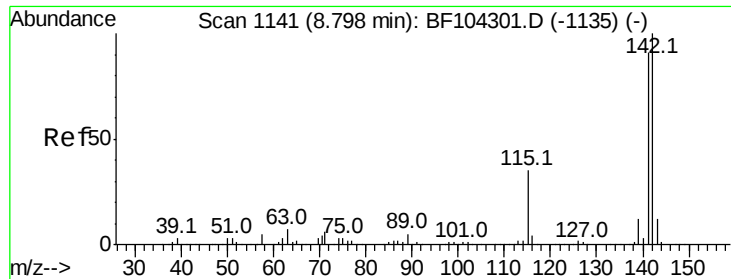
Tot Ion:113 Resp: 66222
 Ion Ratio Lower Upper
 113 100
 55 166.8 163.3 203.3
 56 122.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.156 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion:107 Resp: 351365
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.5 30.7
 142 76.1 62.0 93.0

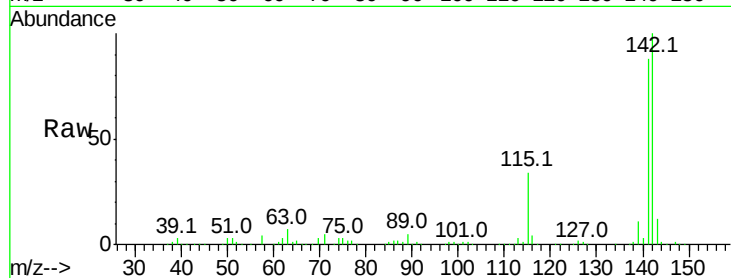




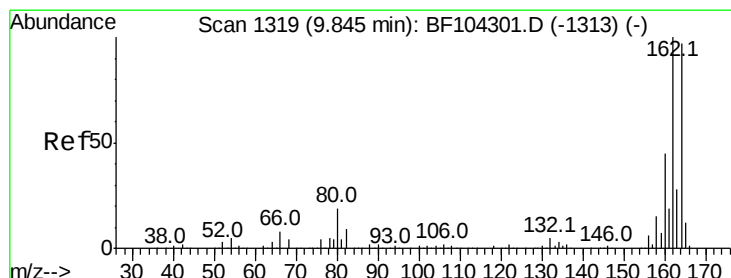
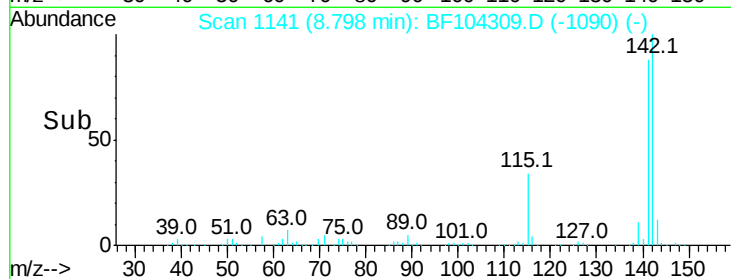
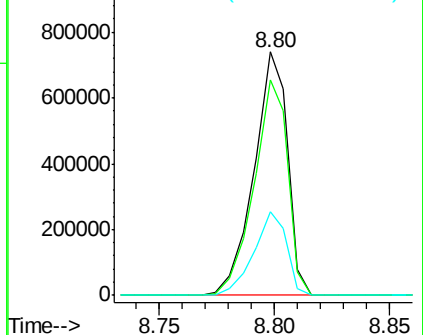
#37
2-Methylnaphthalene
Concen: 42.844 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 750965
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2
115 34.3 26.1 39.1

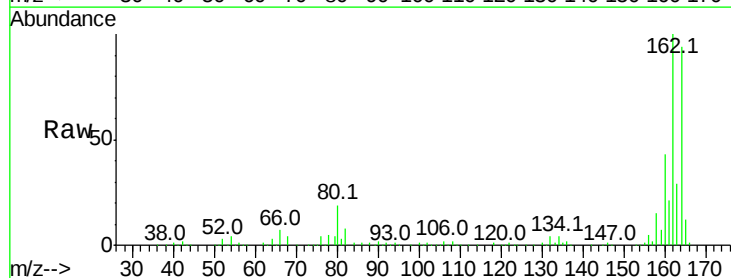


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

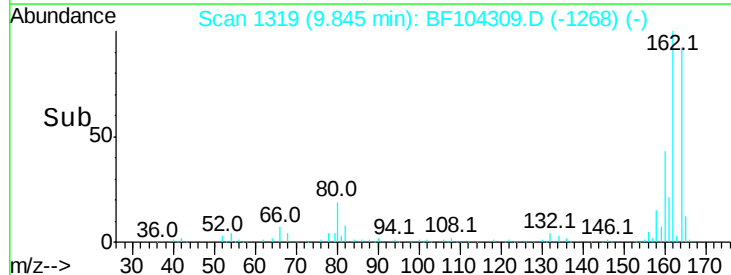
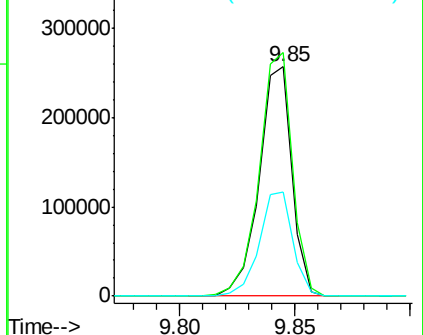


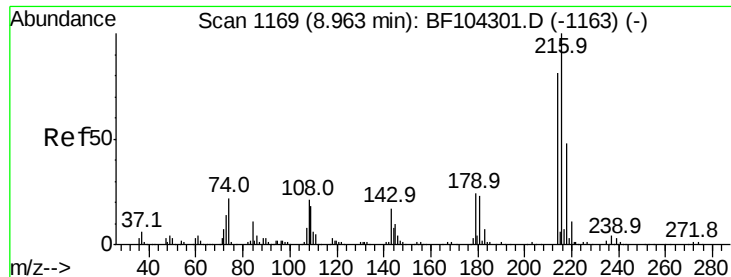
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion:164 Resp: 254767
Ion Ratio Lower Upper
164 100
162 106.2 86.1 129.1
160 45.2 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

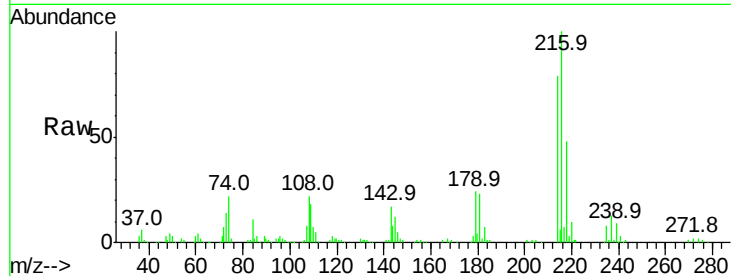




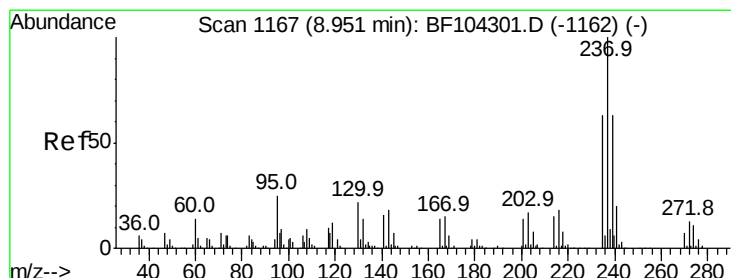
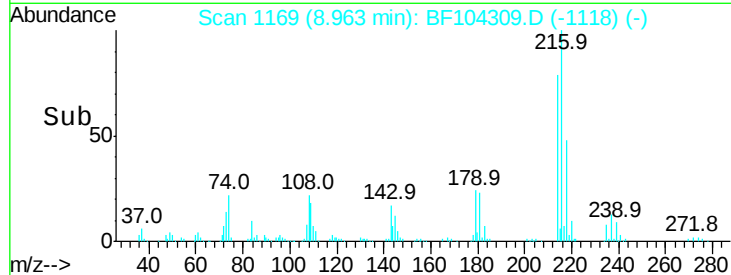
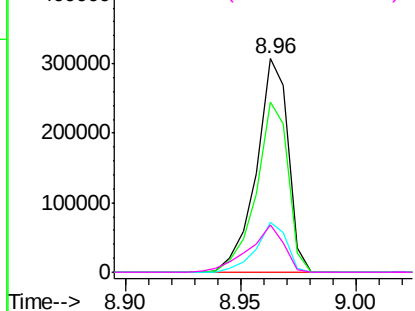
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.394 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	294591
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	22.7	18.1	27.1
108	24.4	17.2	25.8

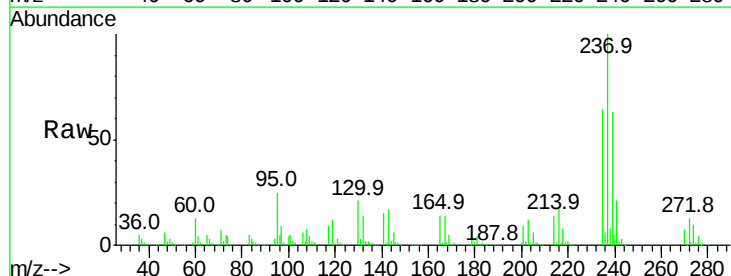


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

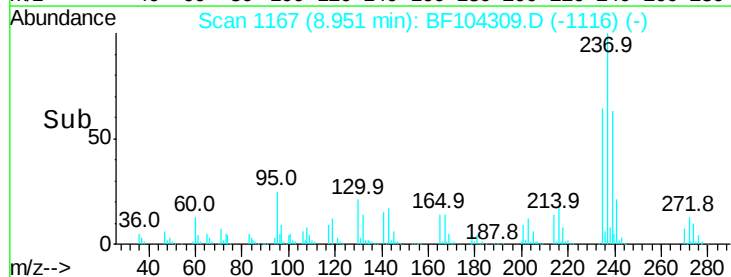
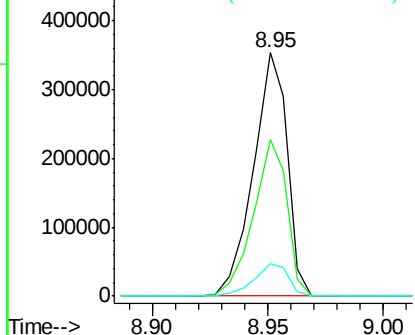


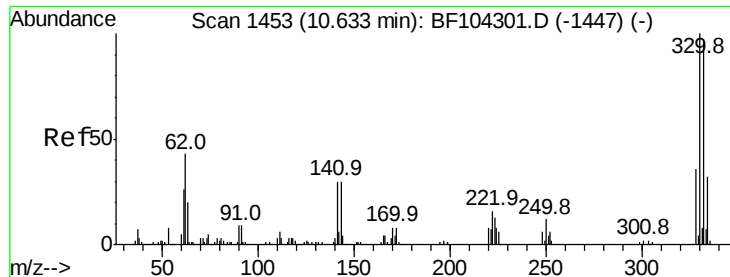
#40
 Hexachlorocyclopentadiene
 Concen: 88.665 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion:	237	Resp:	362005
Ion	Ratio	Lower	Upper
237	100		
235	64.3	44.8	84.8
272	13.2	0.0	33.3



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

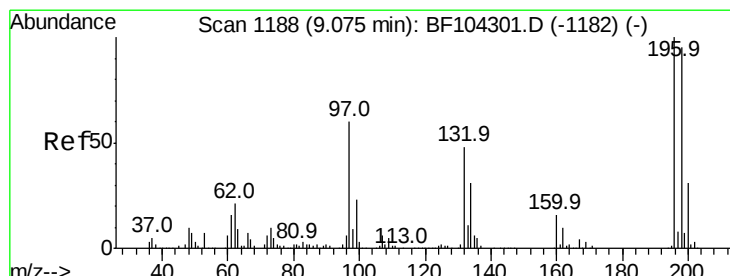
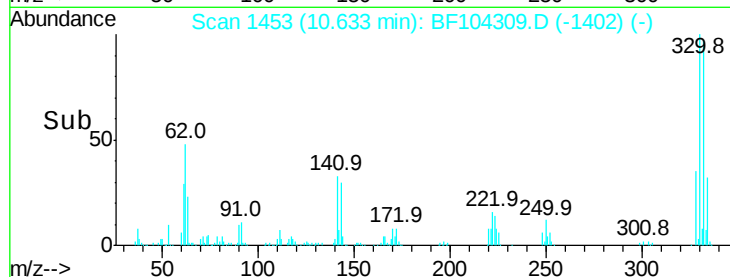
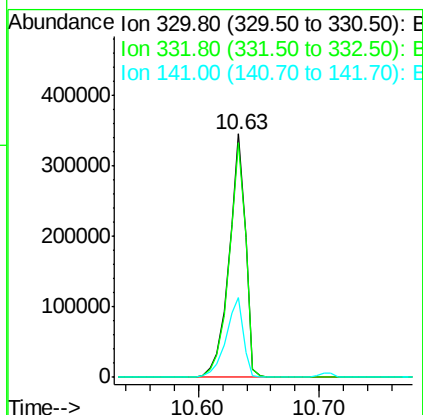
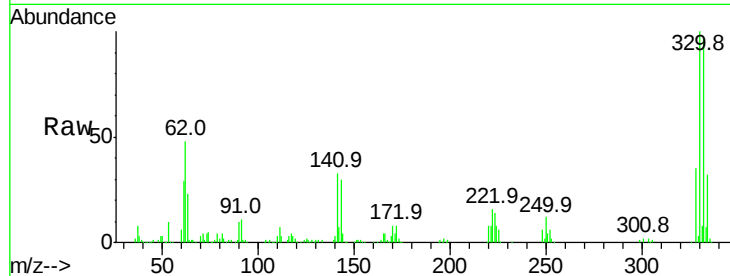




#41
 2,4,6-Tribromophenol
 Concen: 122.690 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

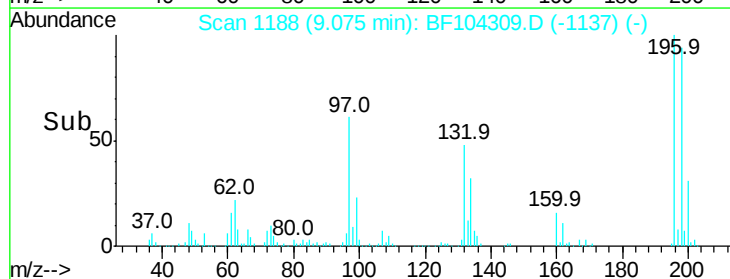
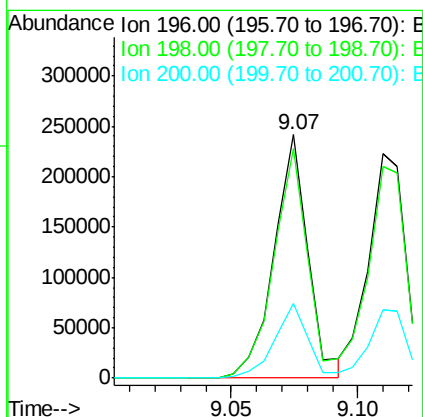
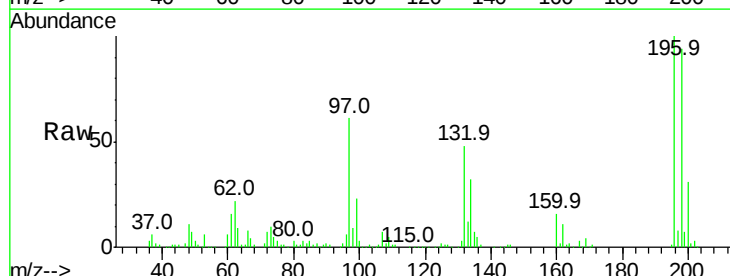
Instrument :
 BNA_F
 ClientSampled :

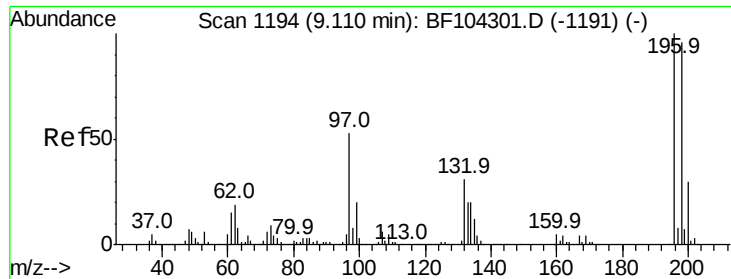
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	34.4	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.958 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.7	113.5
200	30.6	24.5	36.7

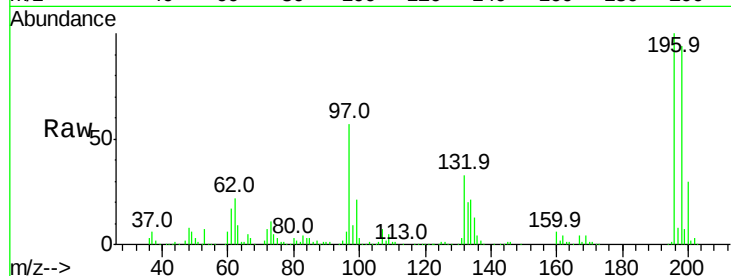




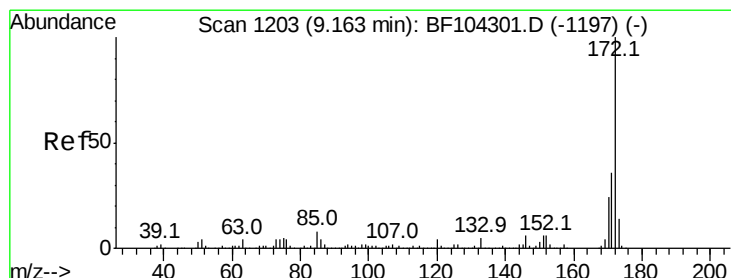
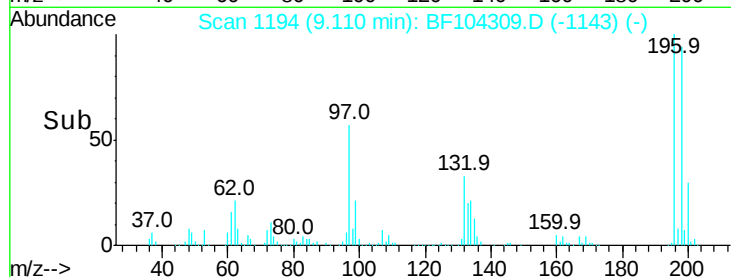
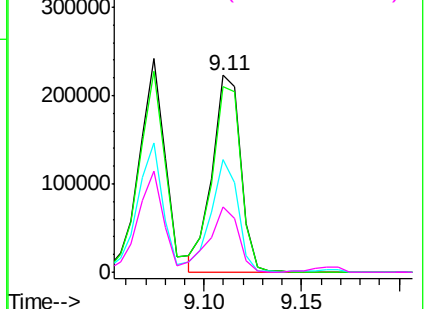
#43
 2,4,5-Trichlorophenol
 Concen: 40.039 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 226832
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.6 112.0
 97 57.3 42.9 64.3
 132 33.1 26.3 39.5

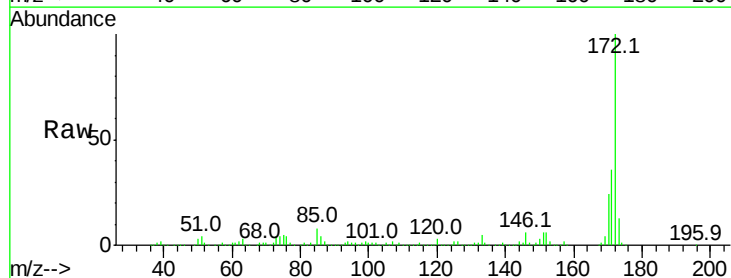


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

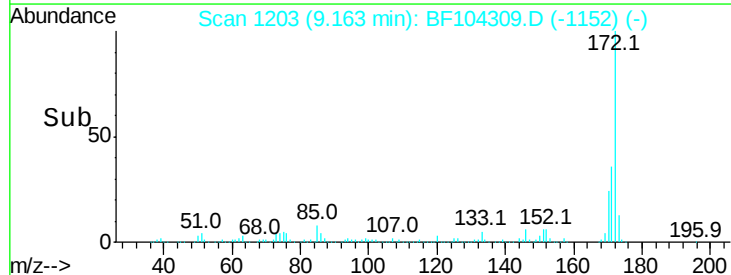
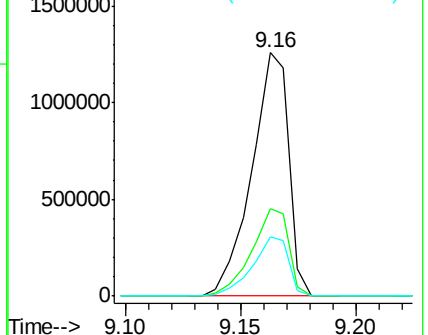


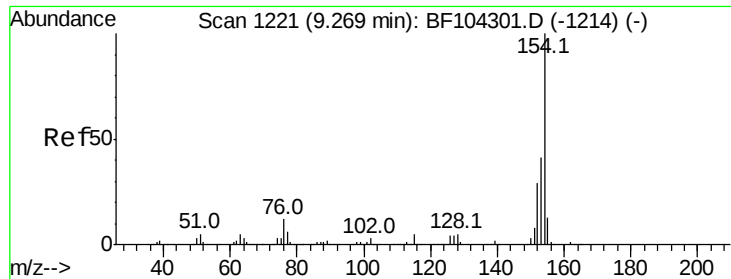
#44
 2-Fluorobiphenyl
 Concen: 87.211 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion:172 Resp: 1406454
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.2 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 40.693 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampled :

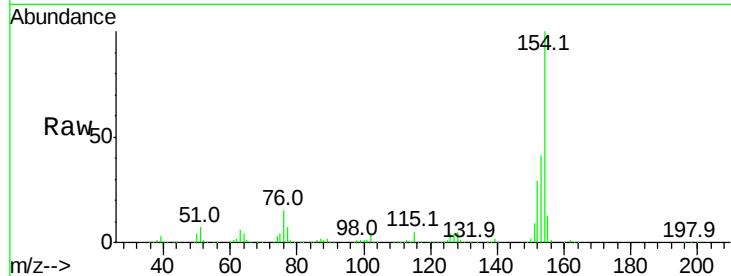
Tot Ion:154 Resp: 870916

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

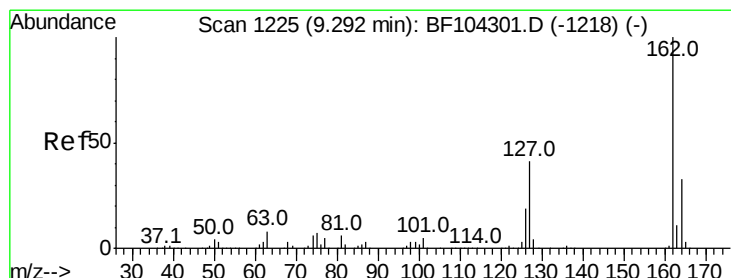
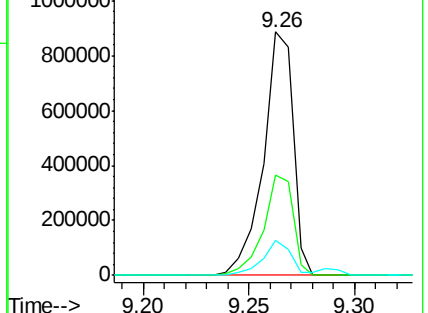
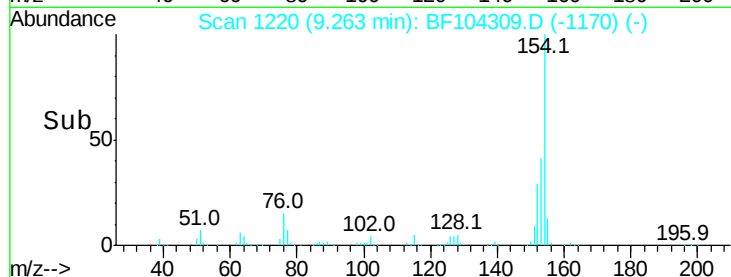
76 14.6 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 40.554 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

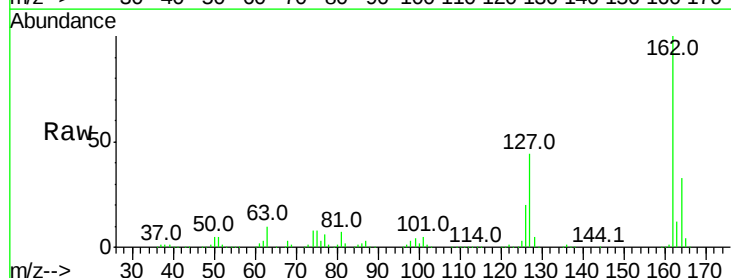
Tgt Ion:162 Resp: 685570

Ion Ratio Lower Upper

162 100

127 44.1 33.9 50.9

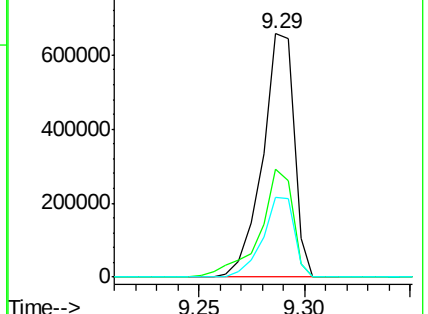
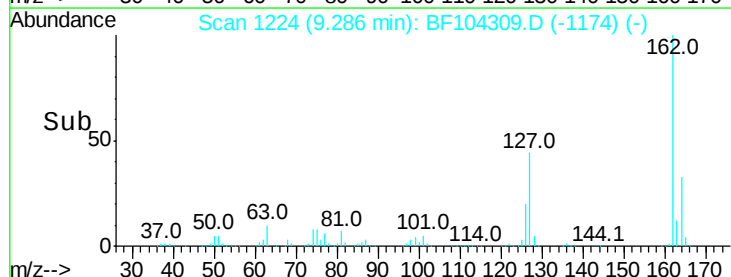
164 33.0 26.5 39.7

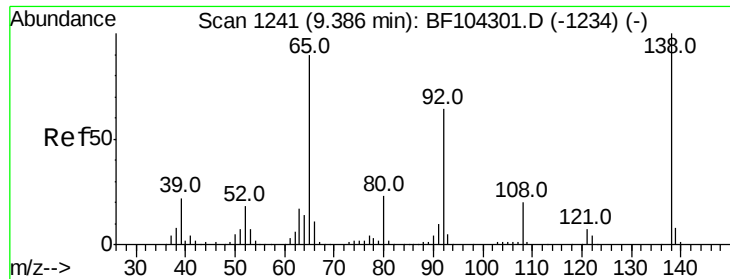


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

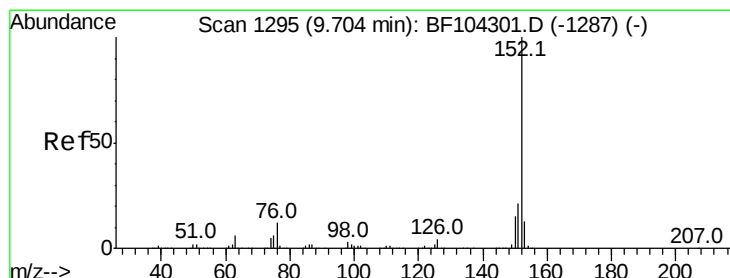
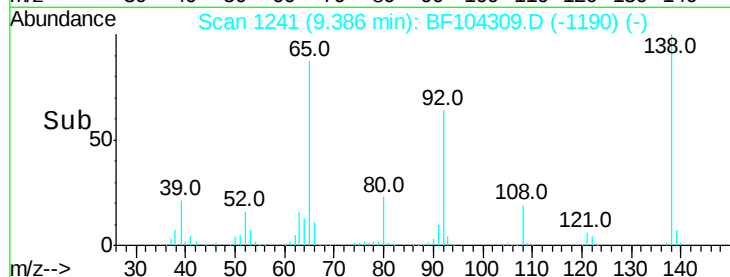
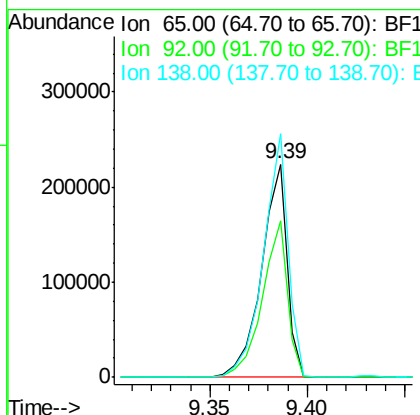
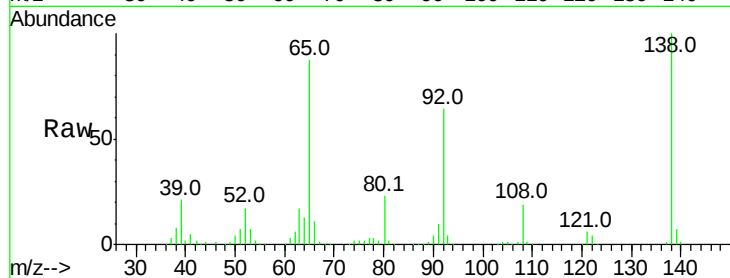




#47
 2-Nitroaniline
 Concen: 48.657 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

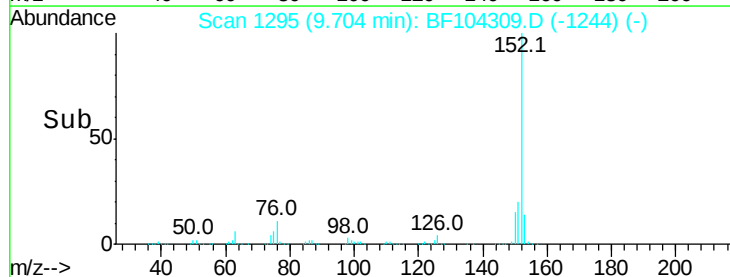
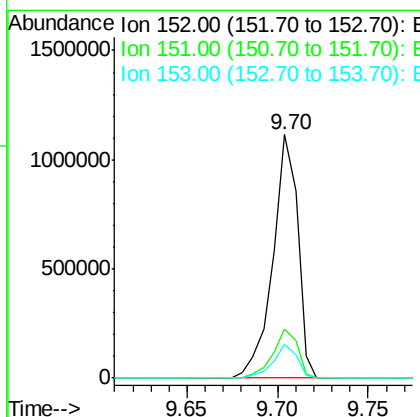
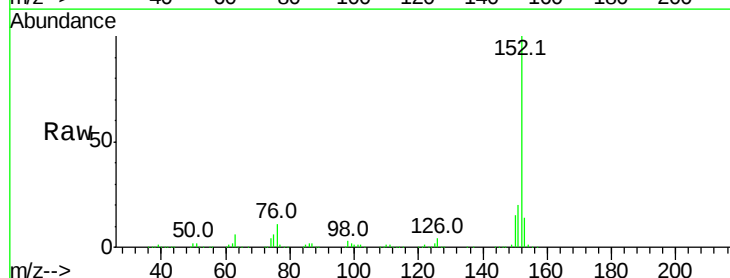
Instrument :
 BNA_F
 ClientSampleId :

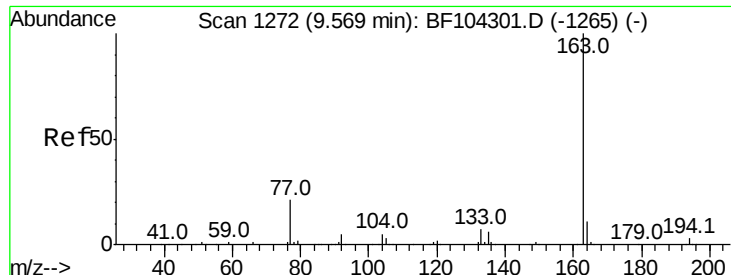
Tot Ion: 65 Resp: 203414
 Ion Ratio Lower Upper
 65 100
 92 73.4 55.8 83.6
 138 114.3 91.2 136.8



#48
 Acenaphthylene
 Concen: 40.068 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion:152 Resp: 1062729
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.3 24.5
 153 13.8 10.7 16.1

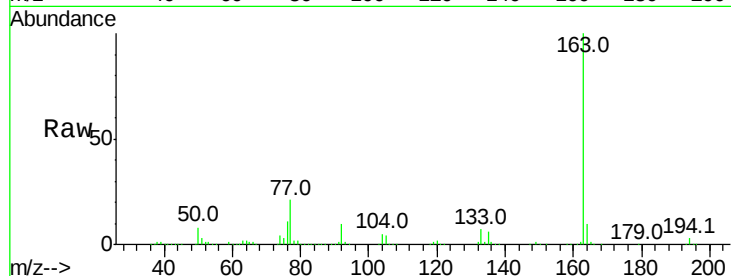




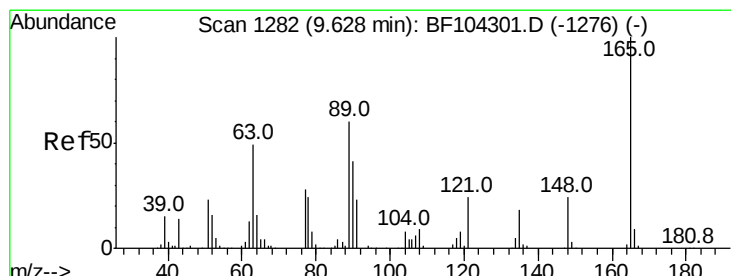
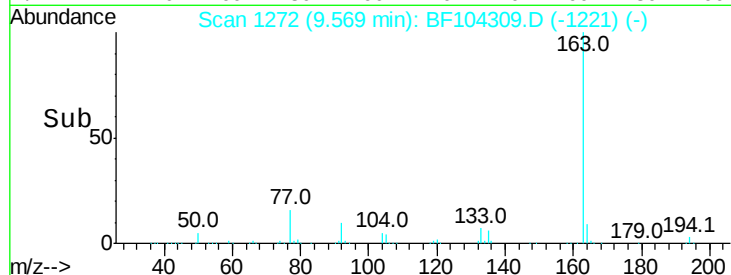
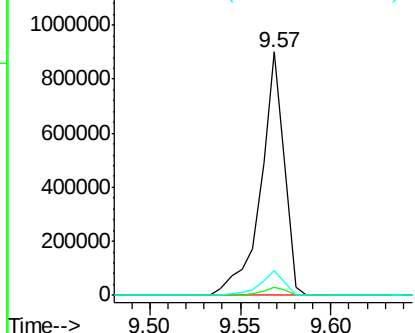
#49
Dimethylphthalate
Concen: 40.082 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 805263
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 8.2 12.2

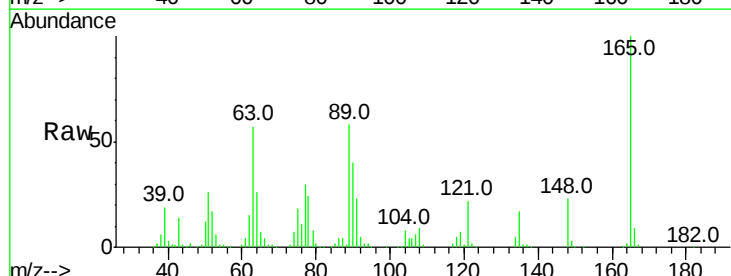


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

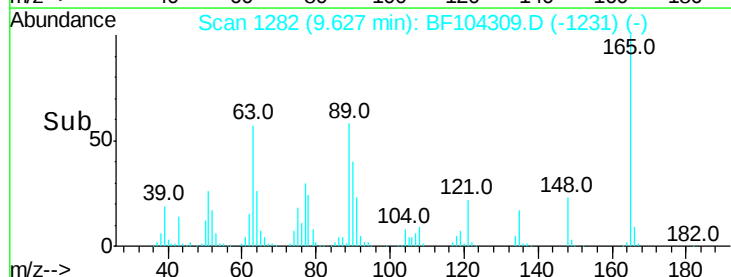
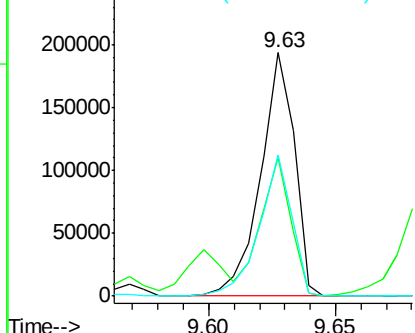


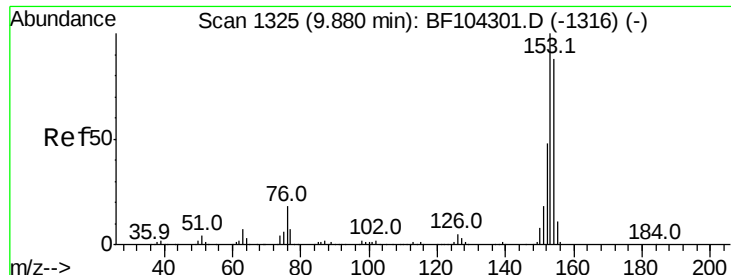
#50
2,6-Dinitrotoluene
Concen: 48.374 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion:165 Resp: 179829
Ion Ratio Lower Upper
165 100
63 56.8 44.7 67.1
89 58.1 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: 42.385 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

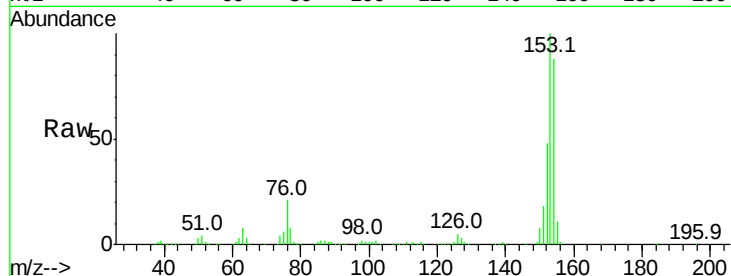
Tot Ion:154 Resp: 685917

Ion Ratio Lower Upper

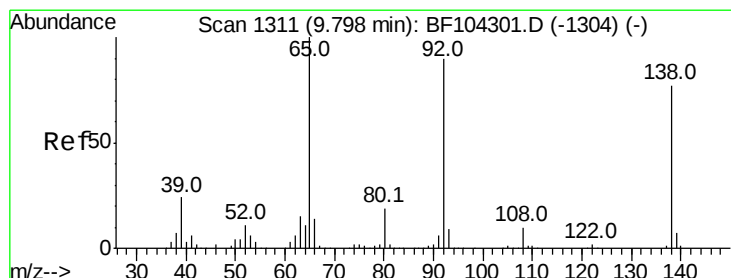
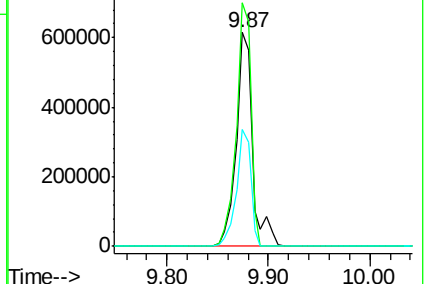
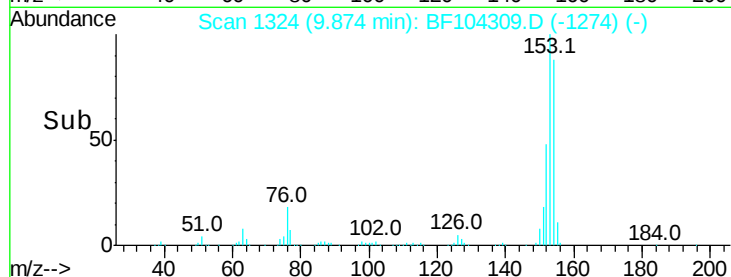
154 100

153 113.8 91.2 136.8

152 54.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.577 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

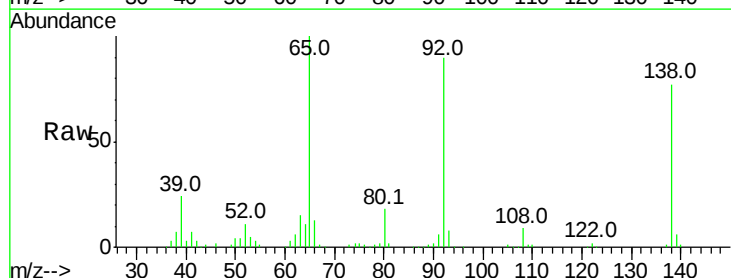
Tgt Ion:138 Resp: 102610

Ion Ratio Lower Upper

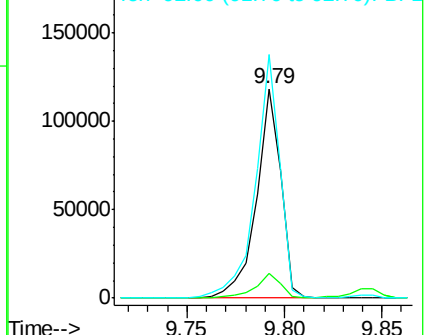
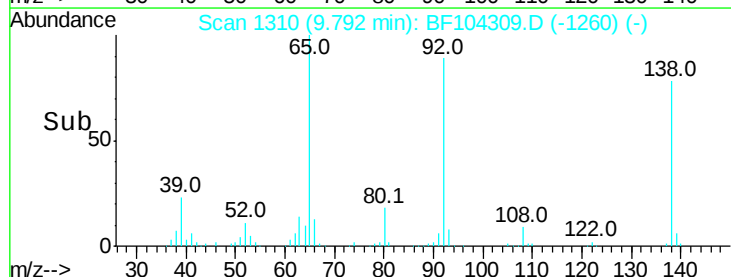
138 100

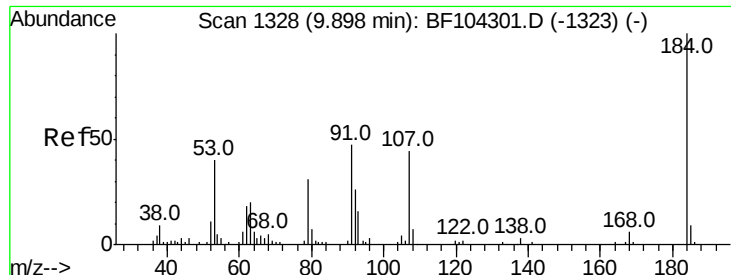
108 11.6 9.4 14.0

92 116.2 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

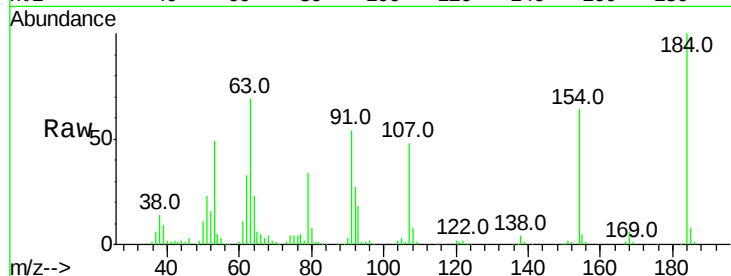




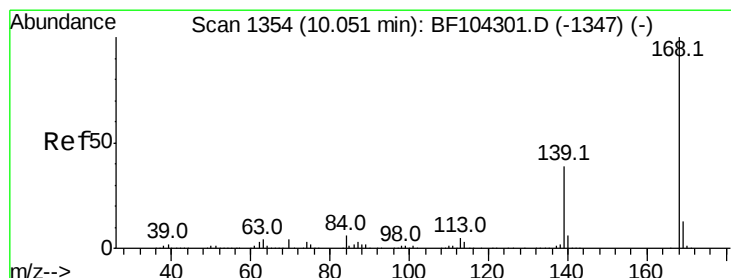
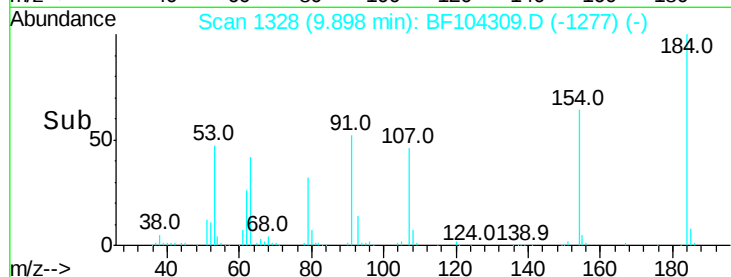
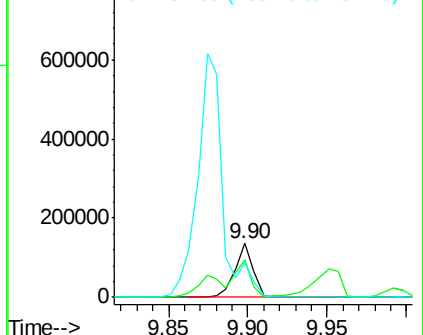
#53
 2,4-Dinitrophenol
 Concen: 74.146 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 109990
 Ion Ratio Lower Upper
 184 100
 63 69.4 54.2 81.2
 154 64.4 184.0 276.0#

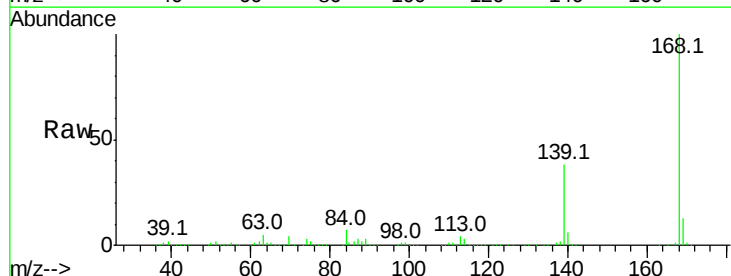


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

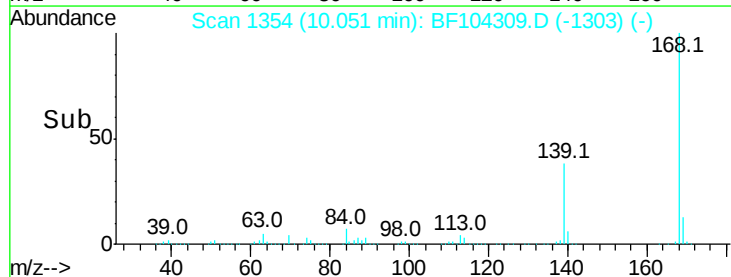
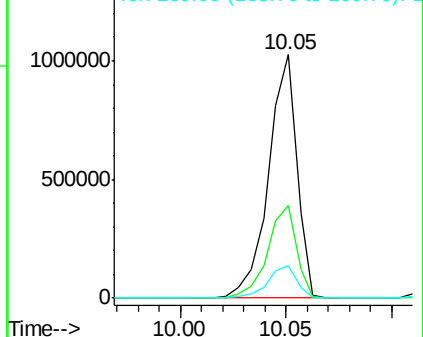


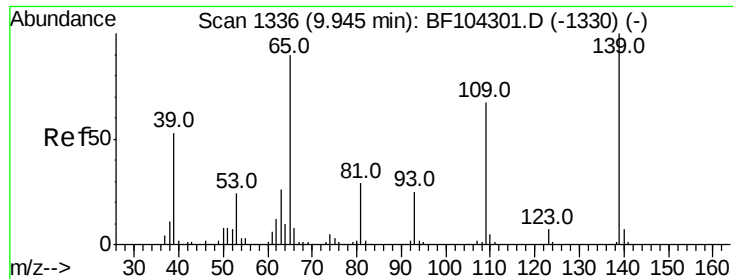
#54
 Dibenzofuran
 Concen: 42.483 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion:168 Resp: 958088
 Ion Ratio Lower Upper
 168 100
 139 38.0 30.1 45.1
 169 13.2 10.9 16.3



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





#55

4-Nitrophenol

Concen: 95.862 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

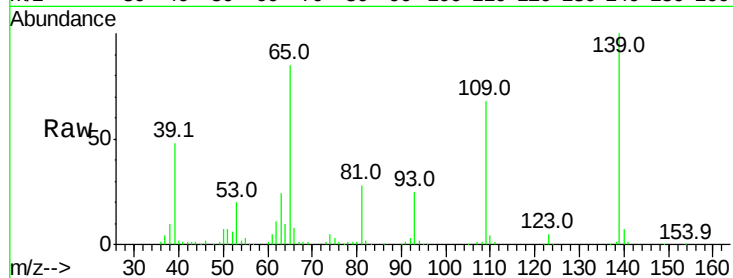
Tot Ion:139 Resp: 327722

Ion Ratio Lower Upper

139 100

109 68.0 48.4 88.4

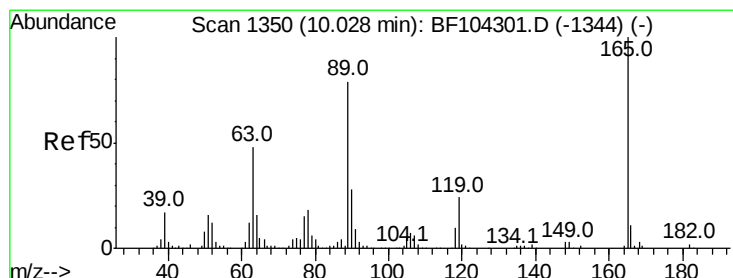
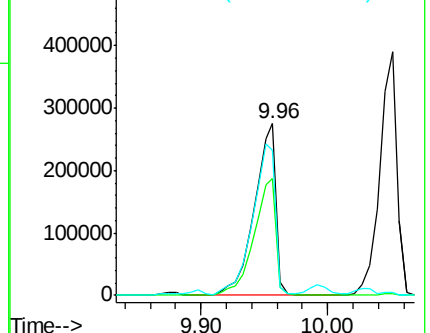
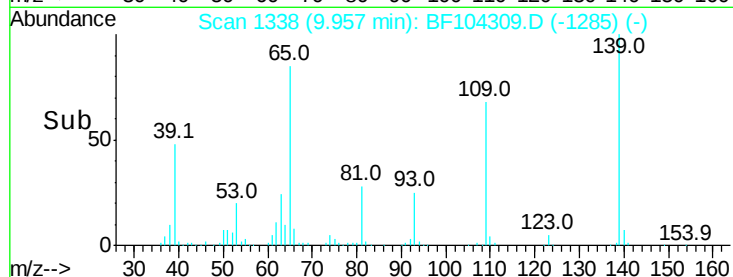
65 84.7 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 48.992 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Tgt Ion:165 Resp: 238900

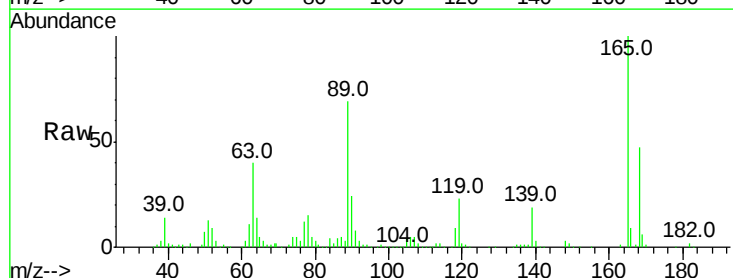
Ion Ratio Lower Upper

165 100

63 40.3 36.4 54.6

89 68.6 57.8 86.6

182 2.4 1.6 2.4

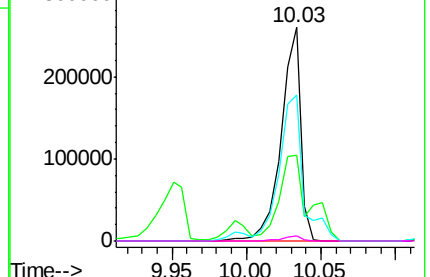
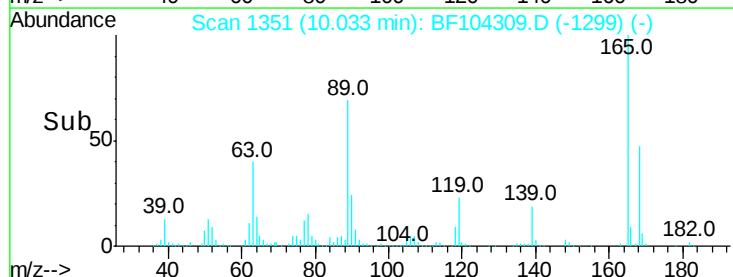


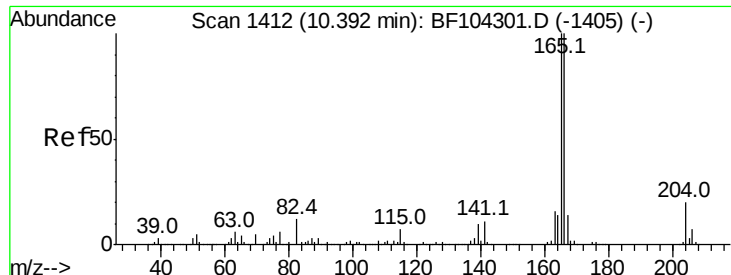
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

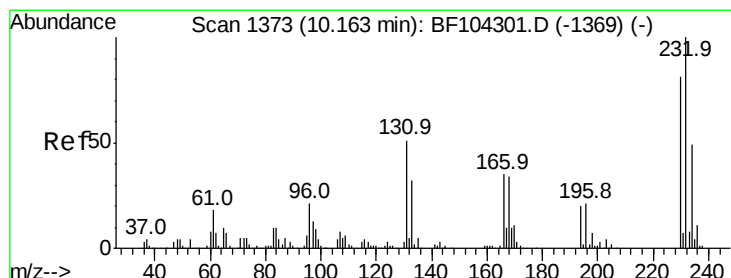
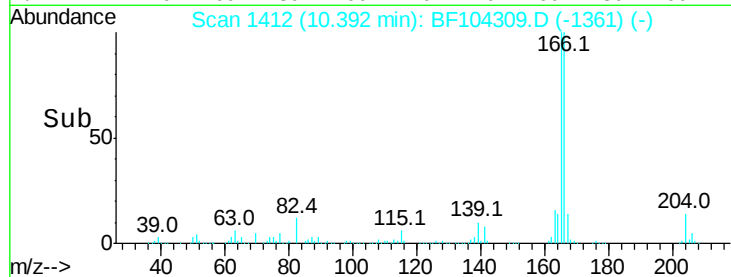
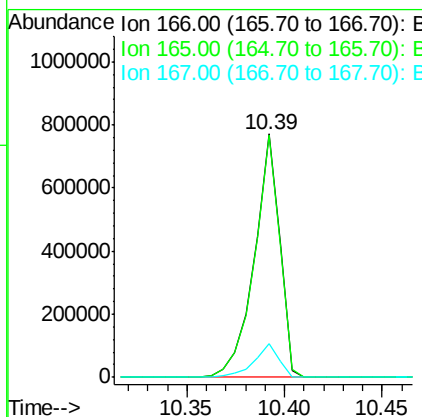
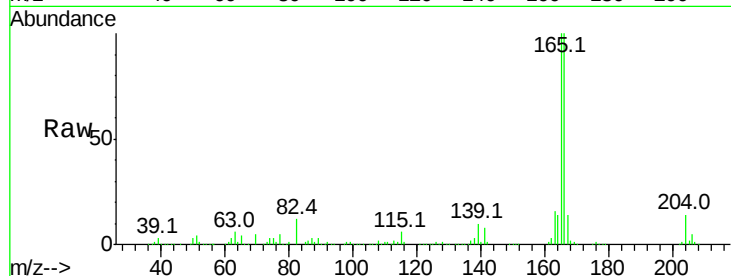




#57
 Fluorene
 Concen: 42.446 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

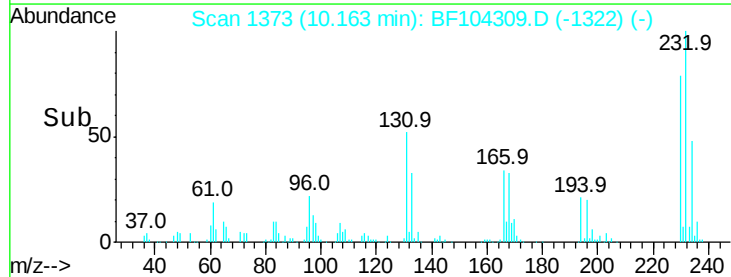
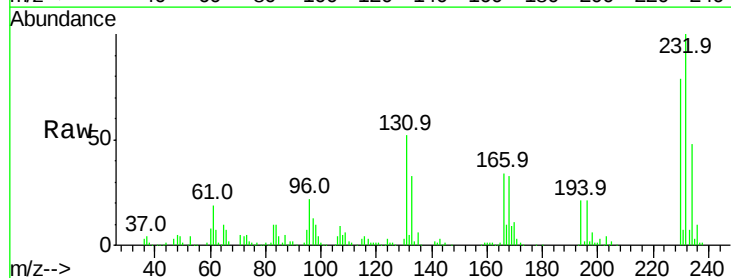
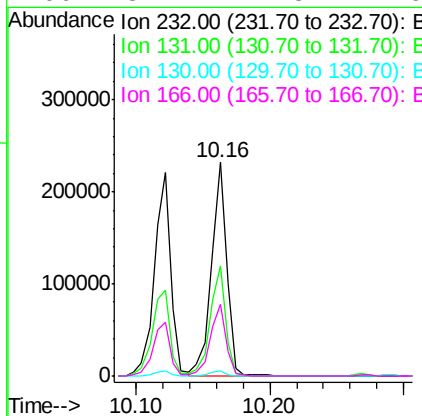
Instrument :
 BNA_F
 ClientSampled :

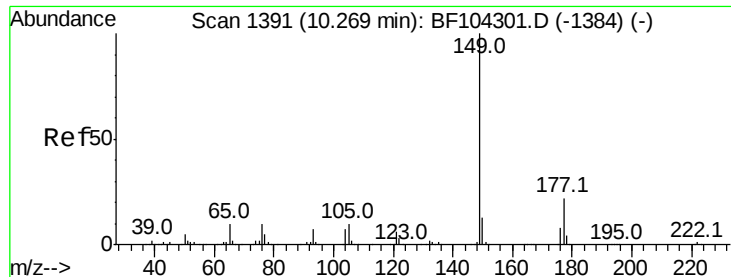
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.7	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.657 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.8	43.8	65.8
130	2.6	2.1	3.1
166	34.2	27.8	41.6

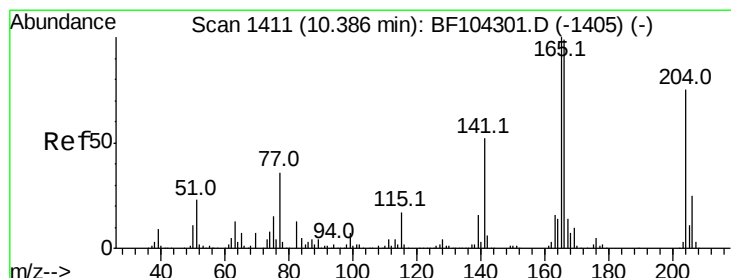
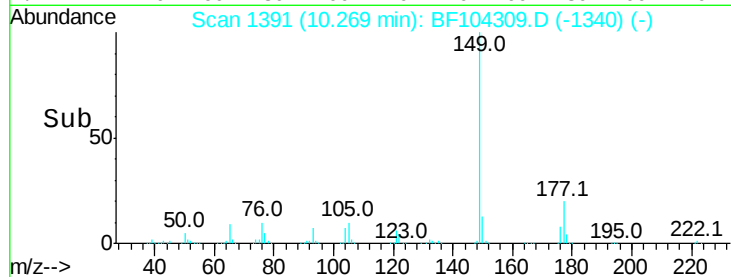
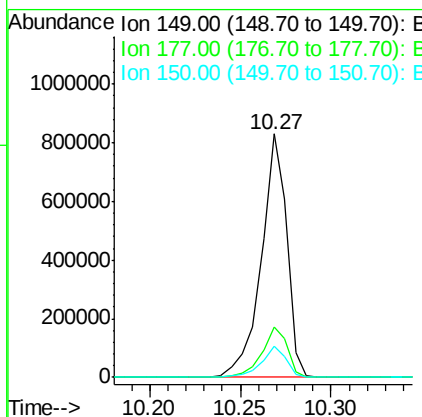
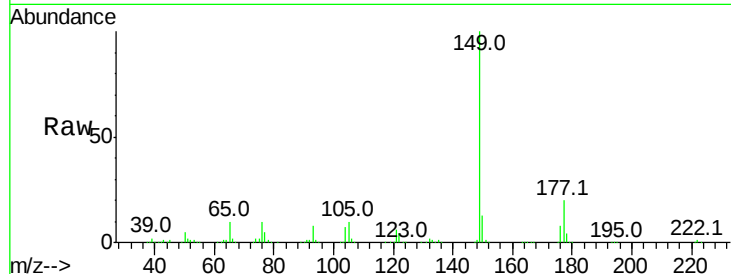




#59
Diethylphthalate
Concen: 40.555 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

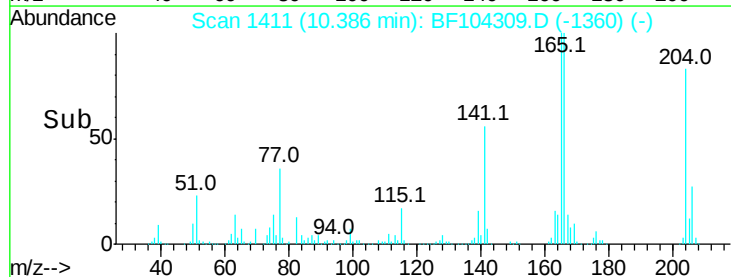
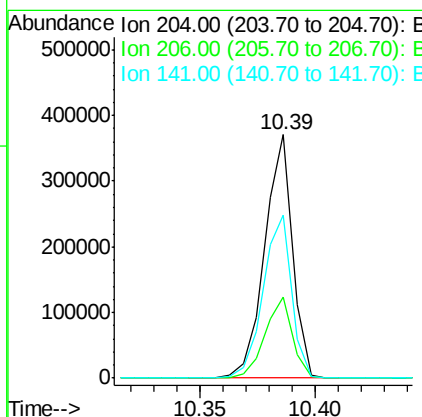
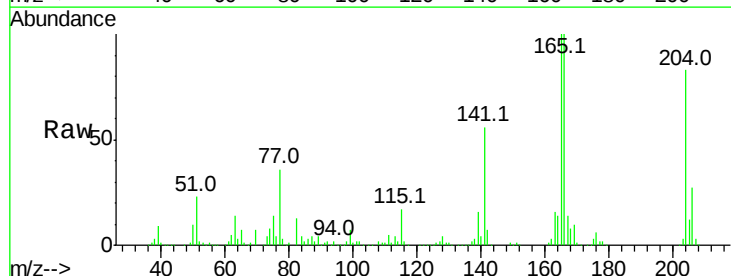
Instrument :
BNA_F
ClientSampled :

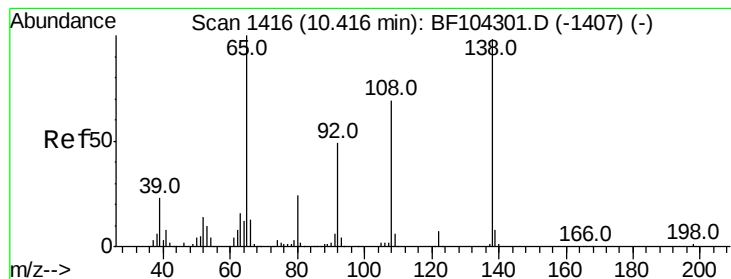
Tot Ion:149 Resp: 811451
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.519 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion:204 Resp: 310840
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 67.1 54.6 81.8





#61

4-Nitroaniline

Concen: 43.588 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampled :

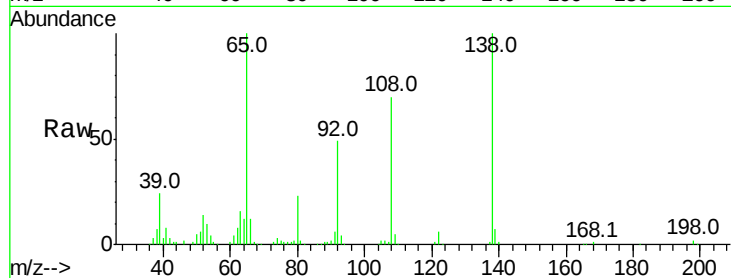
Tot Ion:138 Resp: 185483

Ion Ratio Lower Upper

138 100

92 49.0 30.2 70.2

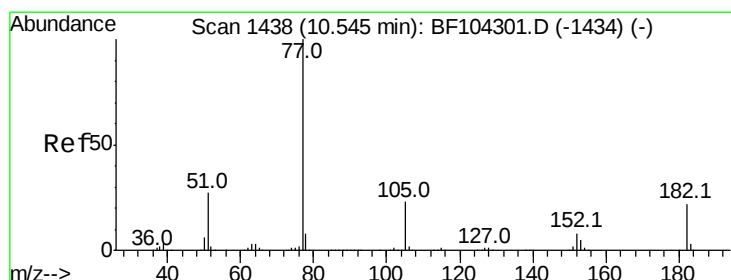
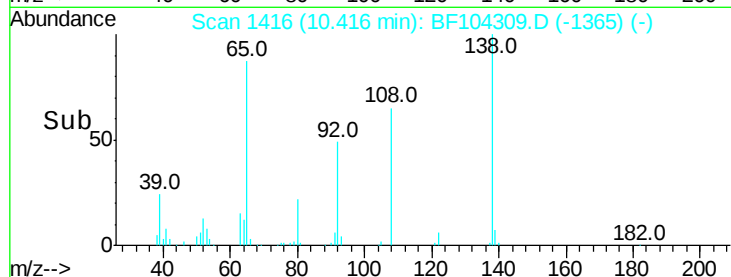
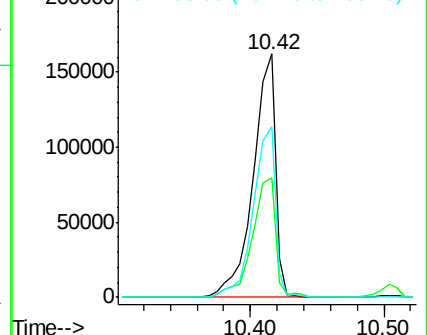
108 69.9 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.536 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Tgt Ion: 77 Resp: 794008

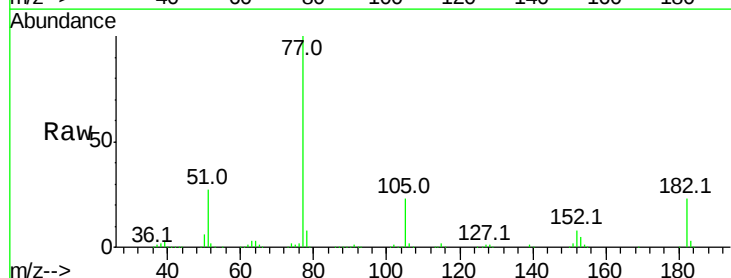
Ion Ratio Lower Upper

77 100

182 22.8 1.7 41.7

105 23.2 3.0 43.0

51 27.3 9.9 49.9

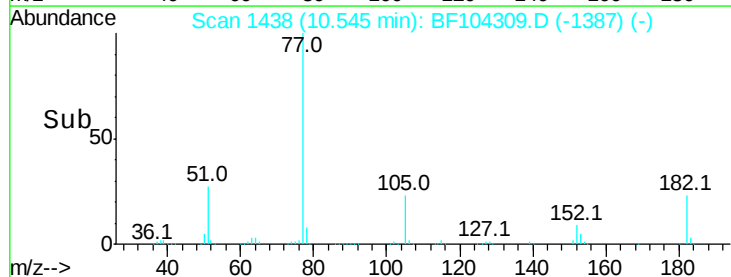
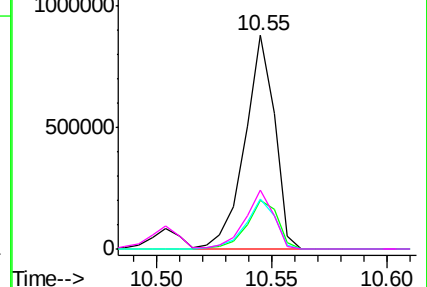


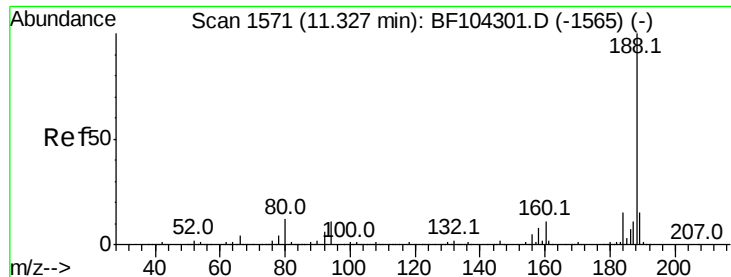
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

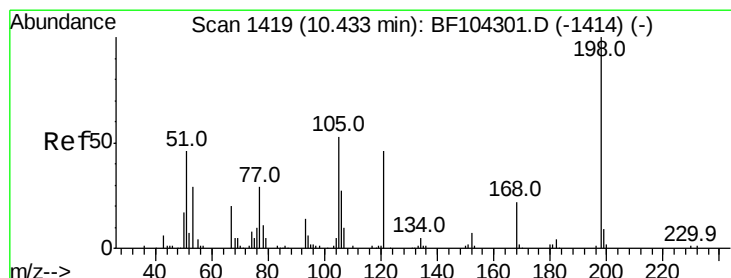
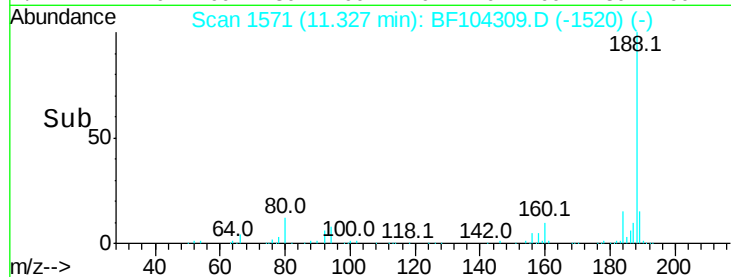
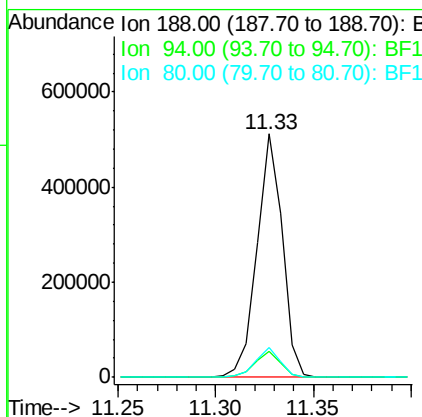
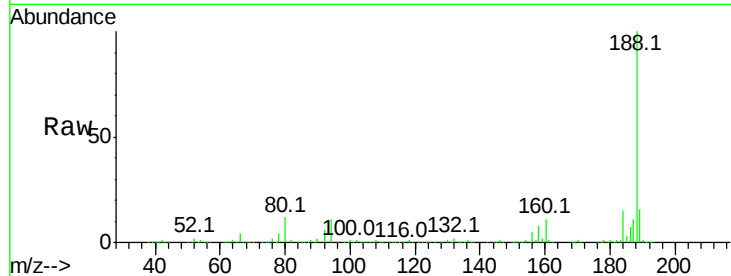




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

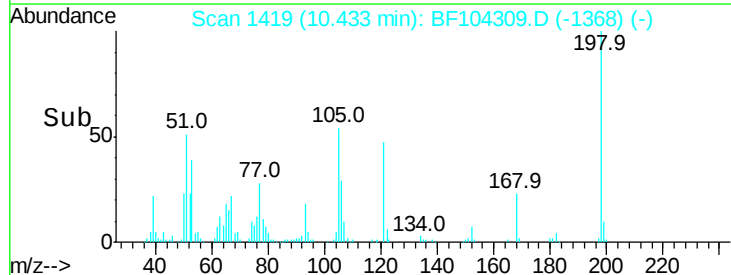
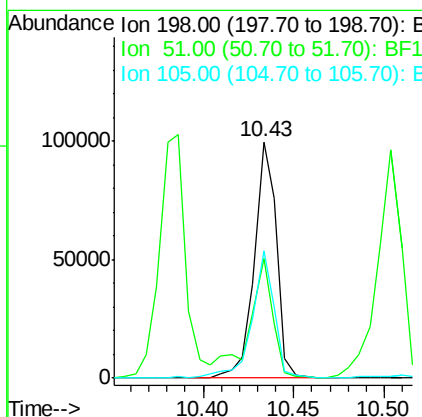
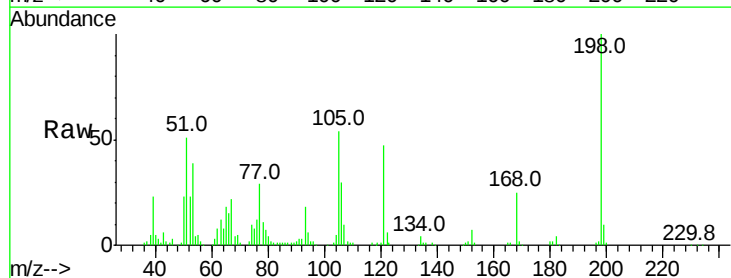
Instrument :
BNA_F
ClientSampleId :

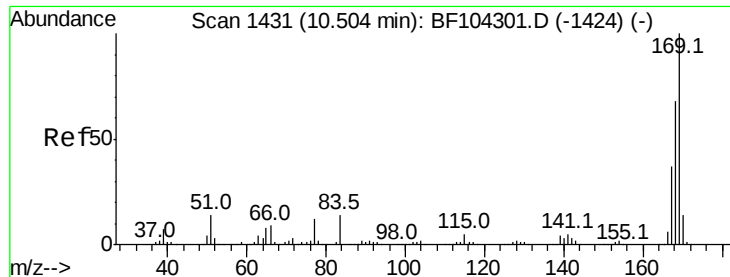
Tot Ion:188 Resp: 461270
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 39.379 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion:198 Resp: 84964
Ion Ratio Lower Upper
198 100
51 50.6 37.7 77.7
105 53.9 36.3 76.3

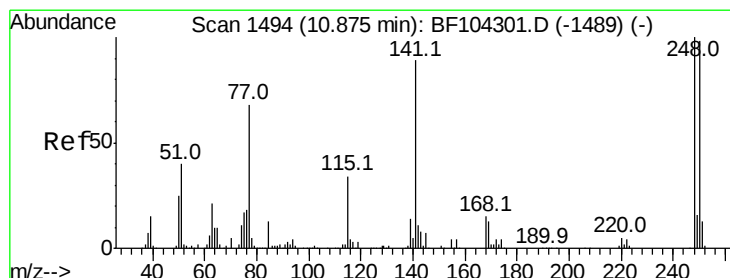
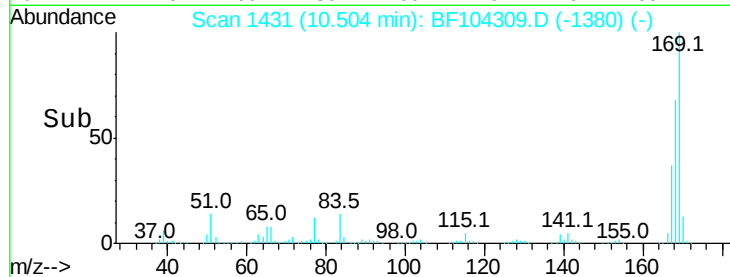
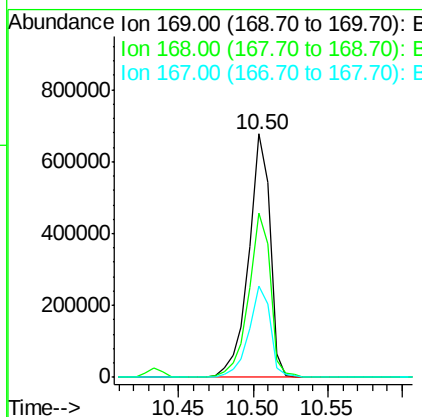
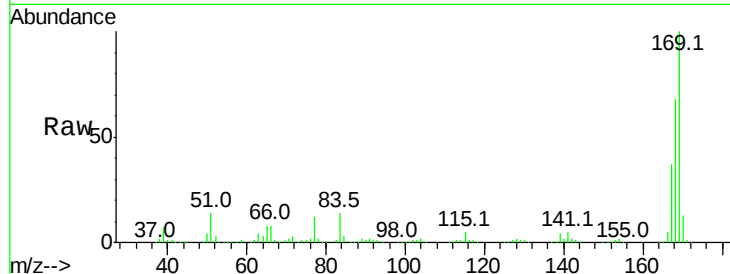




#65
 n-Nitrosodiphenylamine
 Concen: 41.663 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

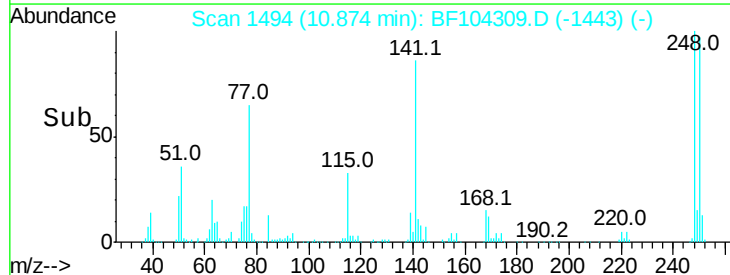
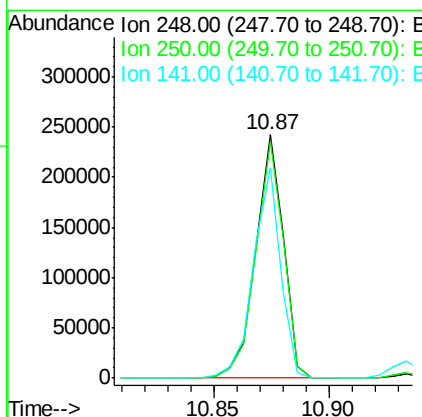
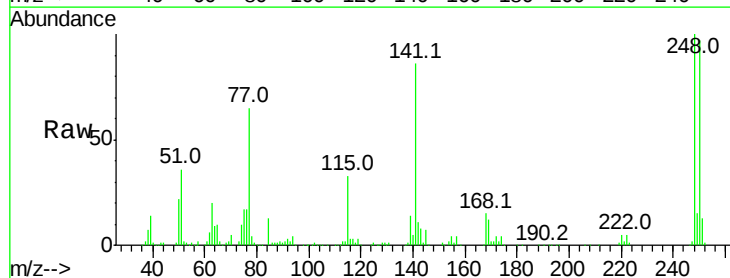
Instrument :
 BNA_F
 ClientSampleId :

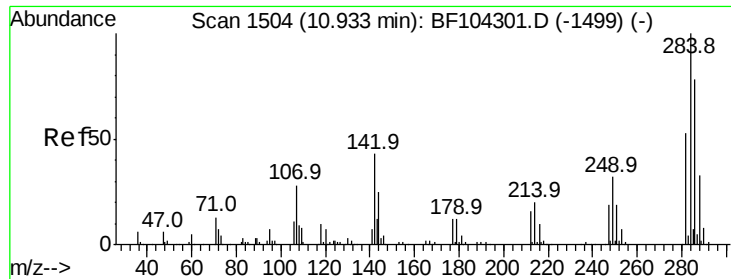
Tot Ion:169 Resp: 666339
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.4 81.6
 167 37.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.626 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion:248 Resp: 204237
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.9 115.3
 141 86.3 74.4 111.6

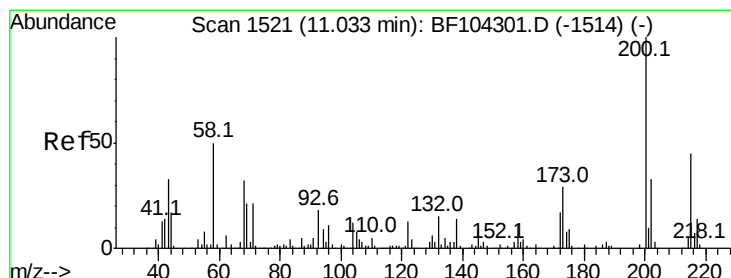
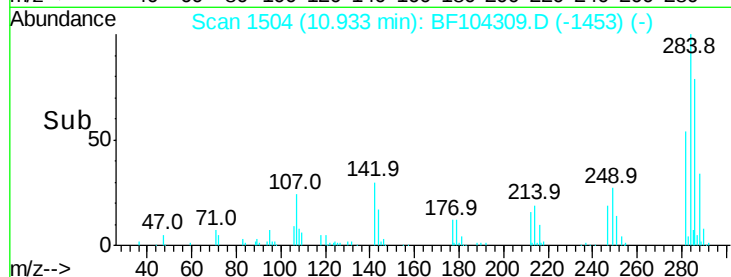
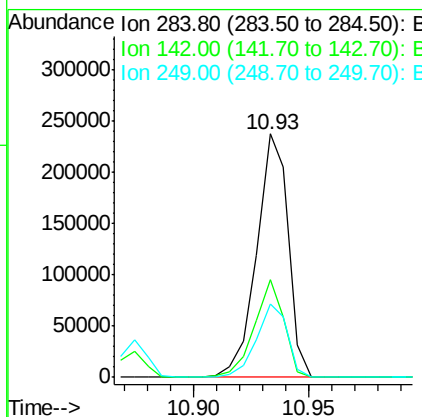
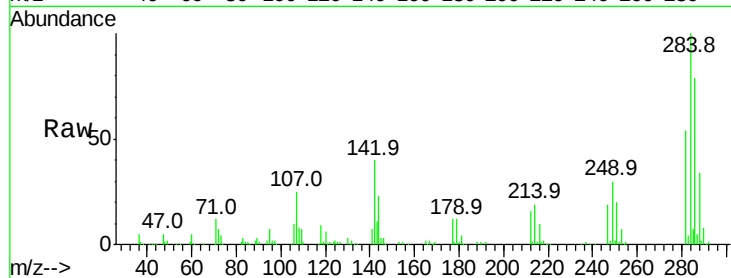




#67
Hexachlorobenzene
Concen: 41.023 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

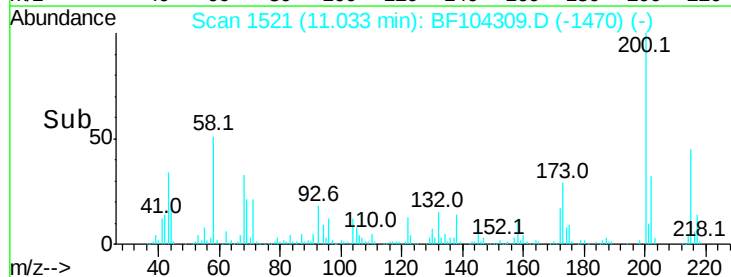
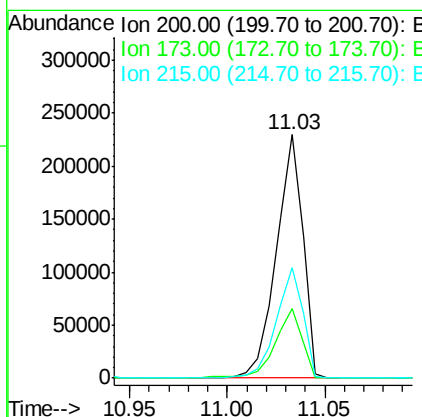
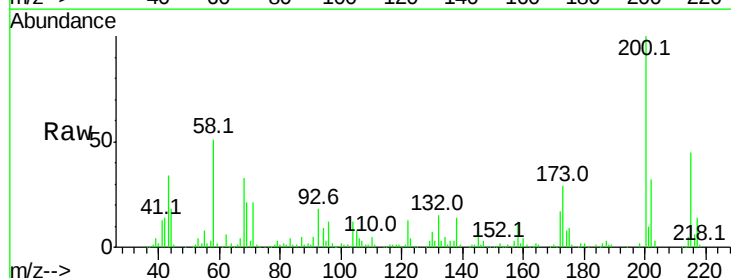
Instrument :
BNA_F
ClientSampleId :

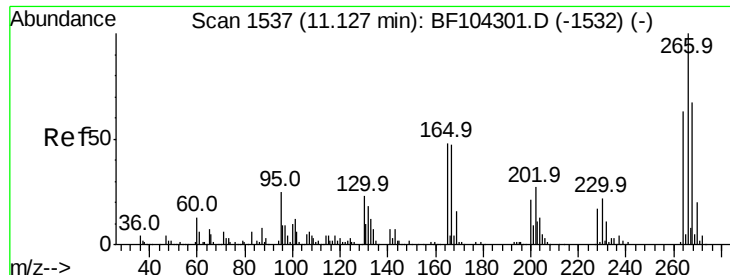
Tot Ion:284 Resp: 226477
Ion Ratio Lower Upper
284 100
142 40.1 34.6 52.0
249 29.9 24.8 37.2



#68
Atrazine
Concen: 44.974 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion:200 Resp: 217113
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 45.3 25.1 65.1

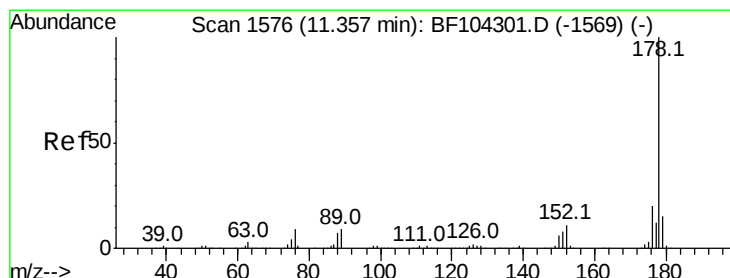
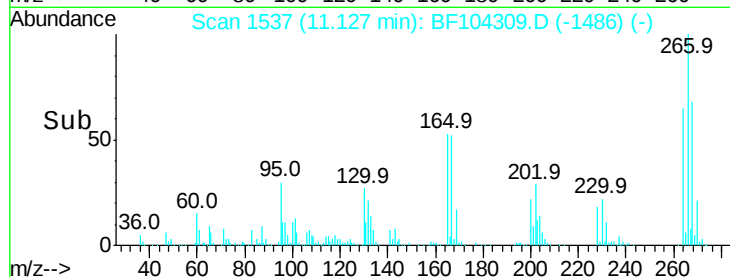
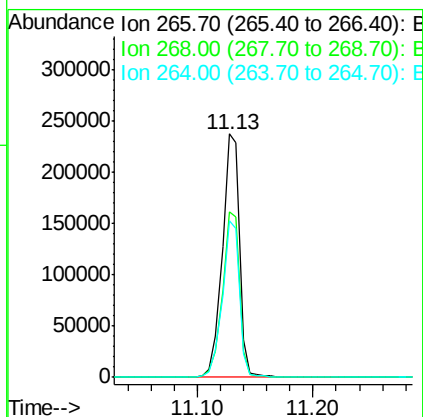
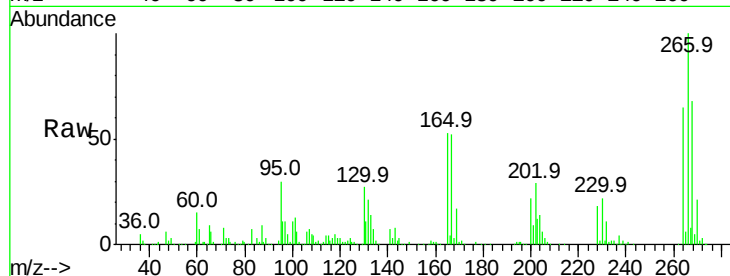




#69
 Pentachlorophenol
 Concen: 72.166 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

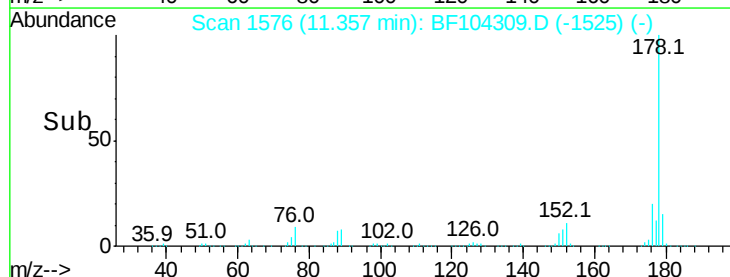
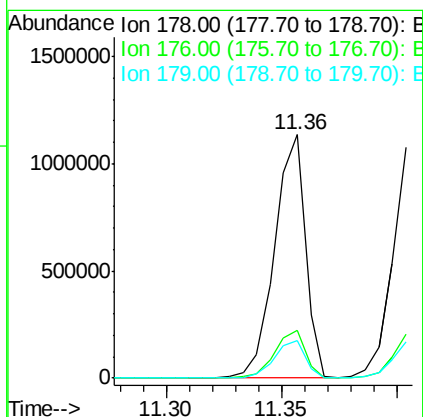
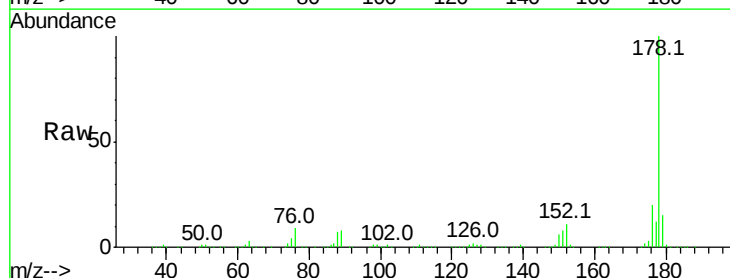
Instrument :
 BNA_F
 ClientSampleId :

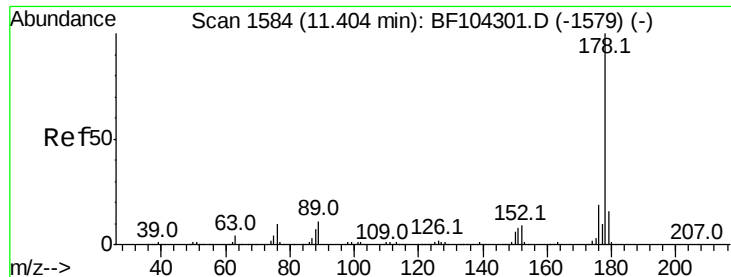
Tot Ion:266 Resp: 246477
 Ion Ratio Lower Upper
 266 100
 268 67.8 51.1 76.7
 264 64.6 49.5 74.3



#70
 Phenanthrene
 Concen: 41.042 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion:178 Resp: 1054282
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.5 13.0 19.6

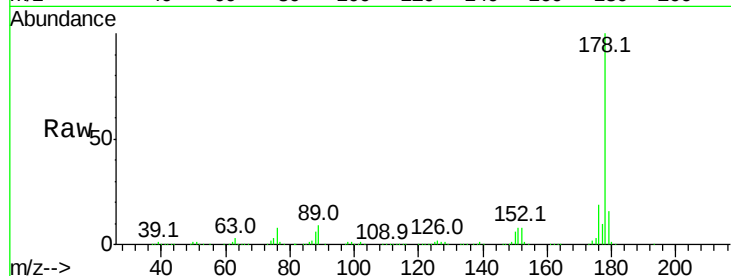




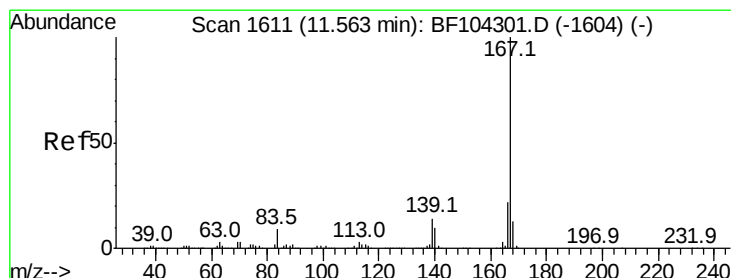
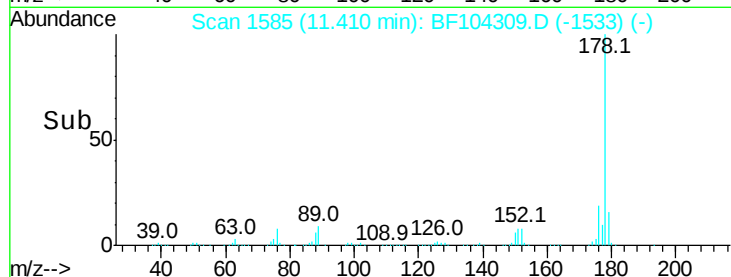
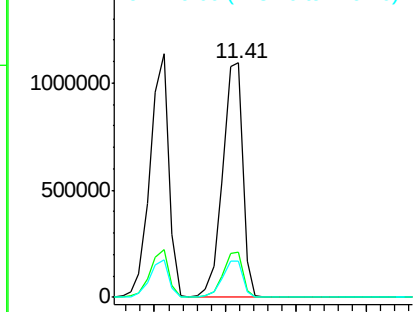
#71
 Anthracene
 Concen: 41.581 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1085770
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.5 12.6 19.0

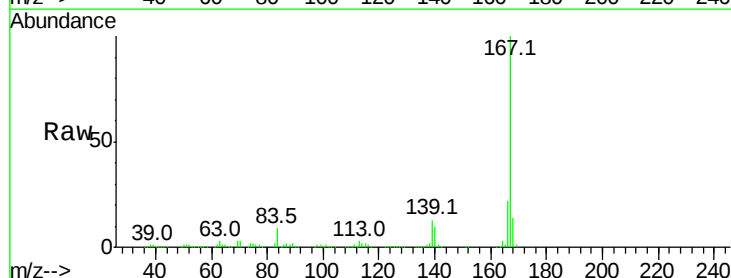


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

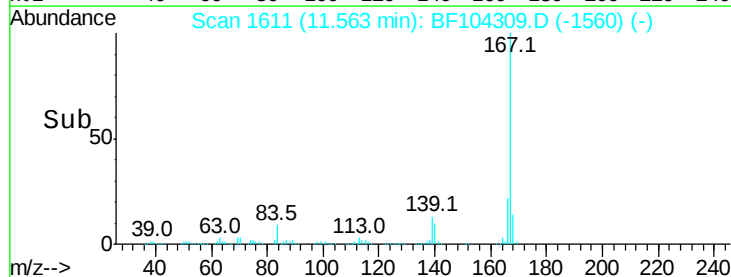
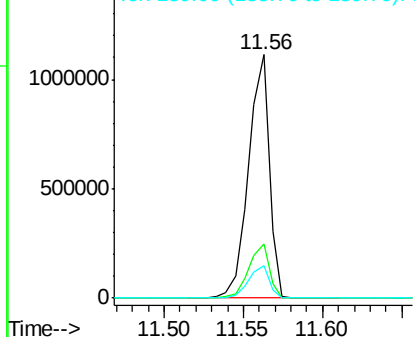


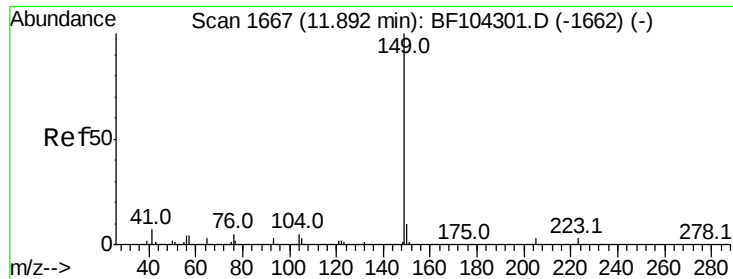
#72
 Carbazole
 Concen: 39.506 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion:167 Resp: 1008030
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.996 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

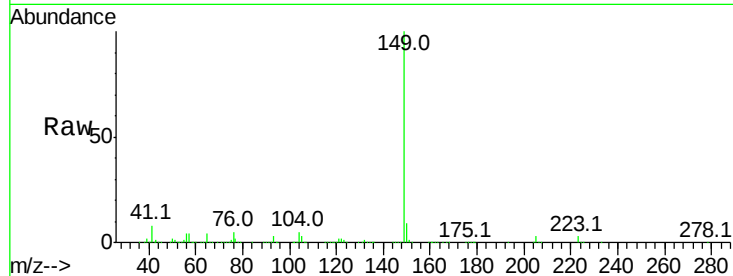
Tot Ion:149 Resp: 1246645

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

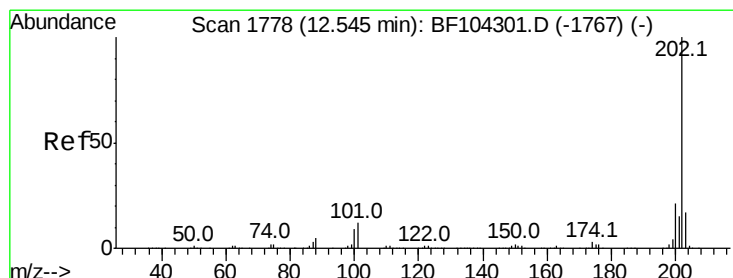
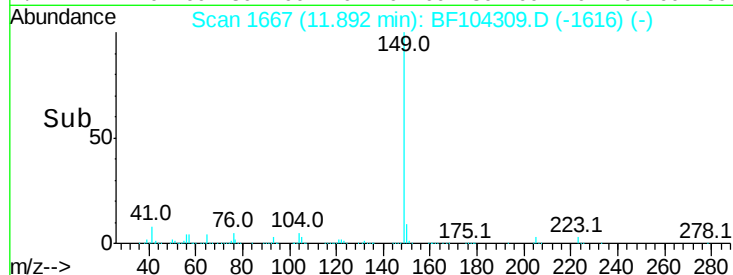
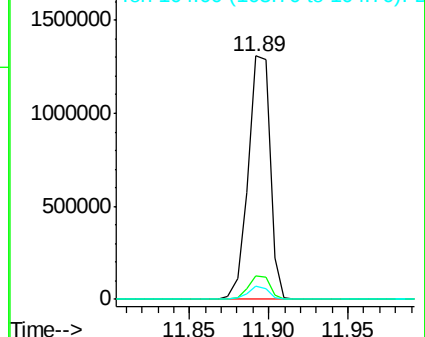
104 5.3 3.8 5.8



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: 40.566 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

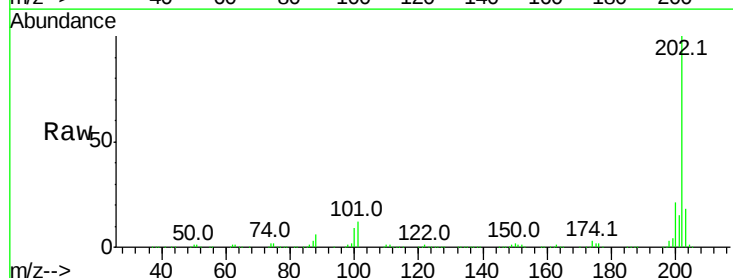
Tgt Ion:202 Resp: 1088753

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.1

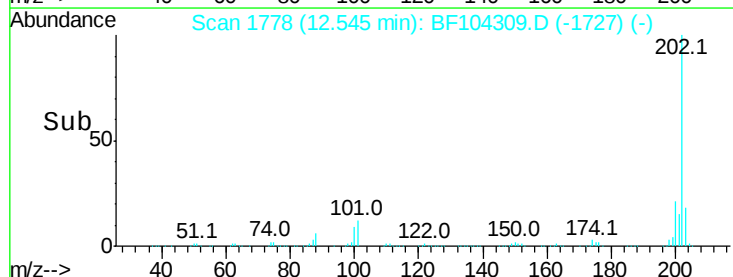
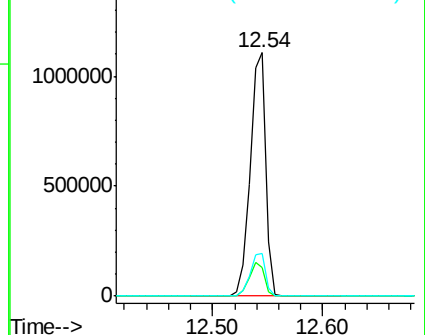
203 17.6 0.0 38.1

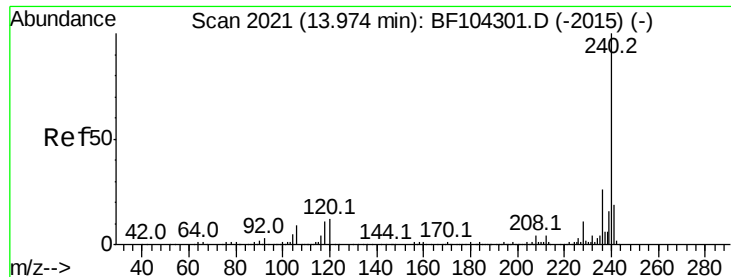


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

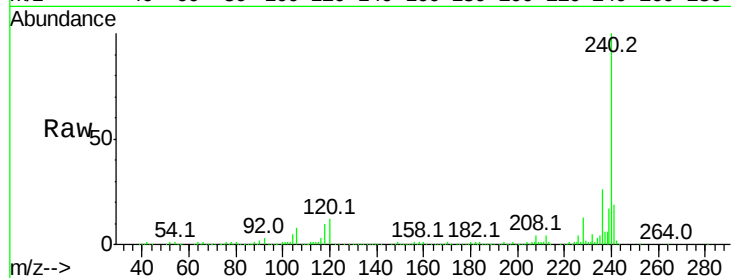
Tot Ion:240 Resp: 322341

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

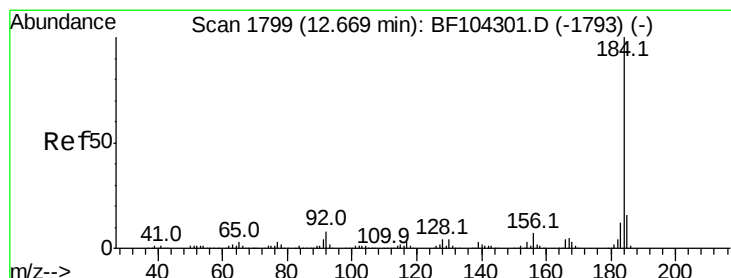
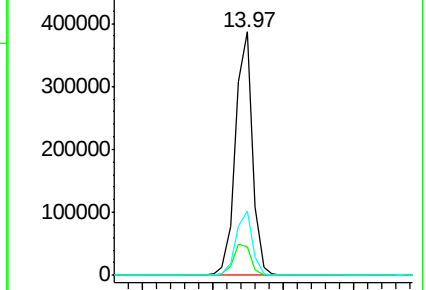
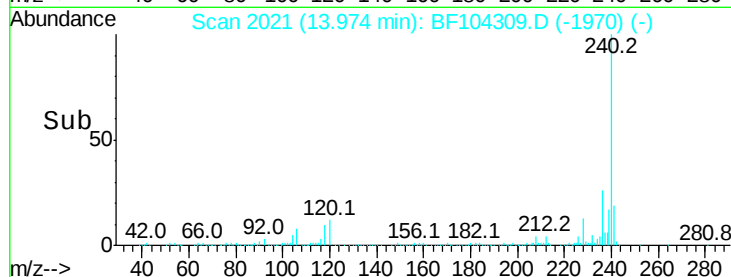
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.965 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

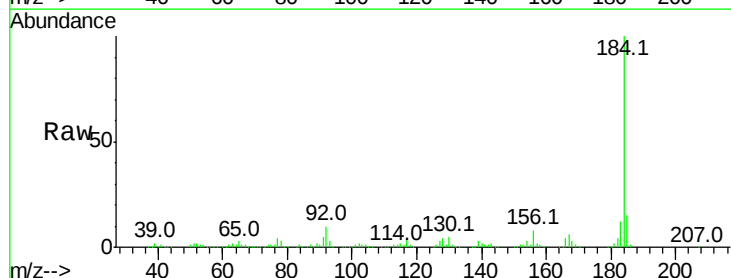
Tgt Ion:184 Resp: 326407

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

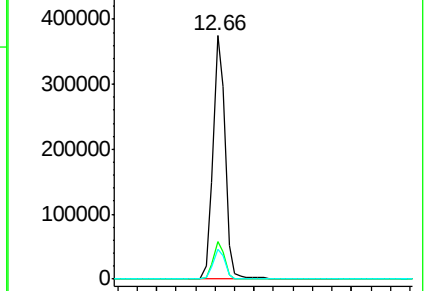
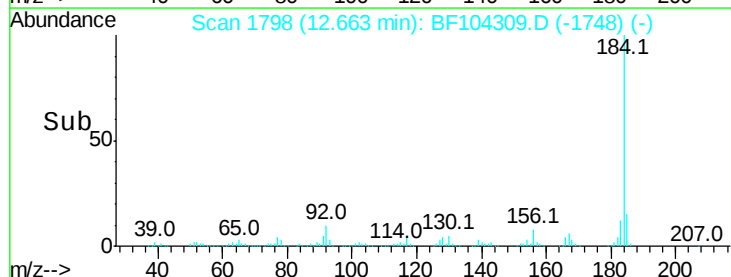
183 12.2 9.3 13.9

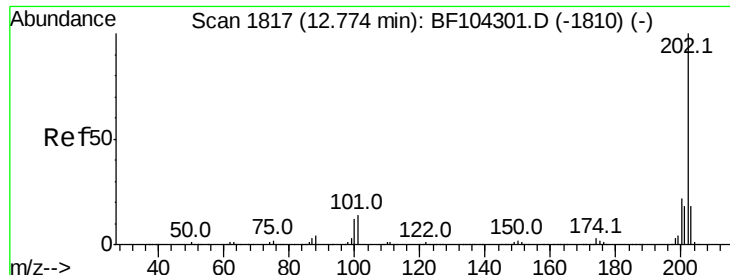


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



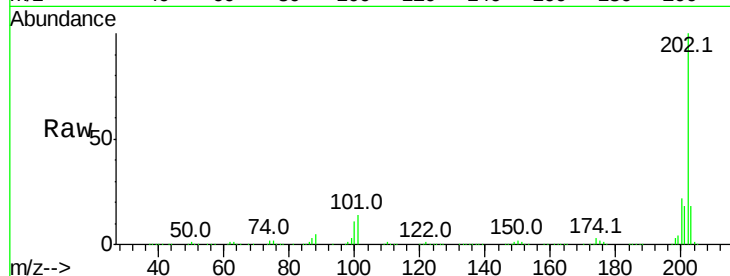


#77
 Pvrene
 Concen: 45.649 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

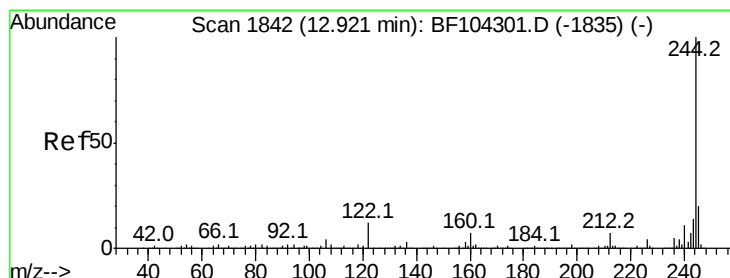
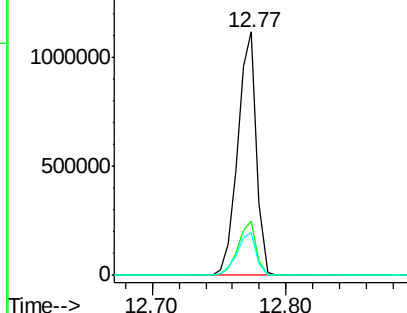
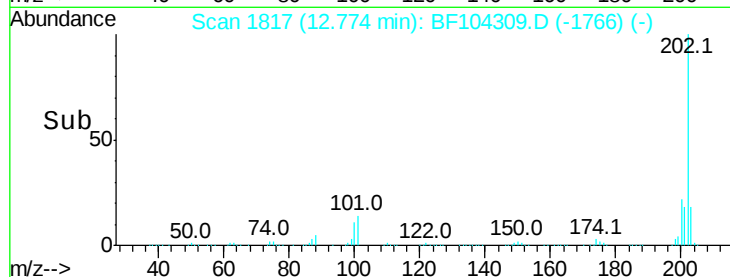
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1090699

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.6	14.3	21.5



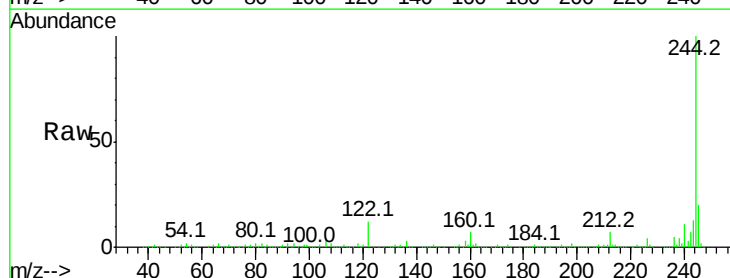
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



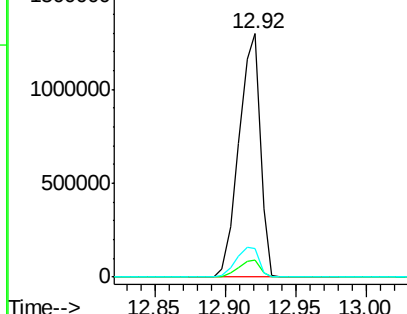
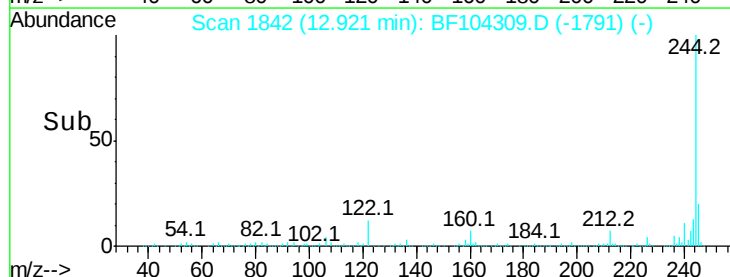
#78
 Terphenyl-d14
 Concen: 96.414 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

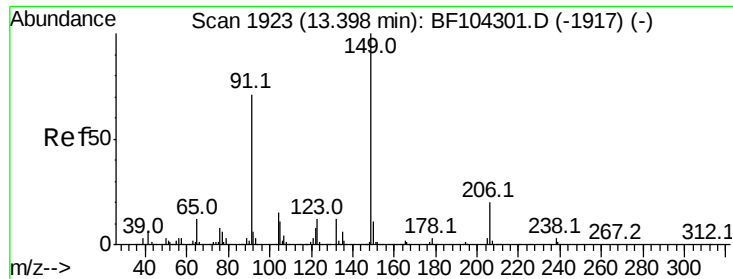
Tgt Ion:244 Resp: 1363183

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.9	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

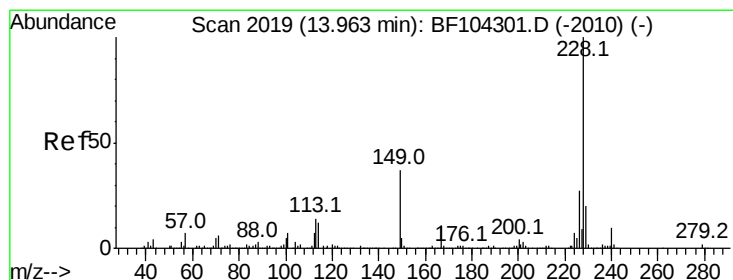
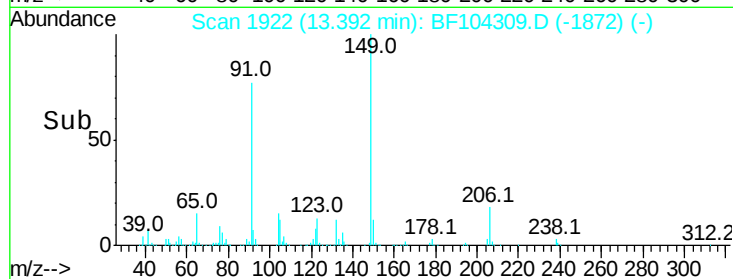
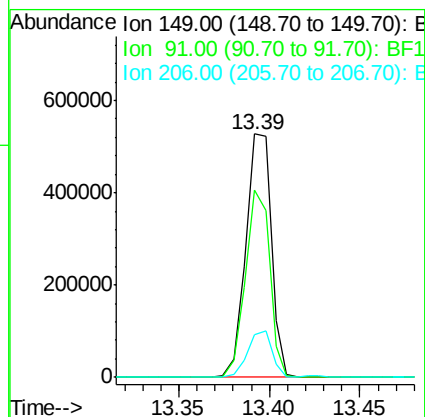
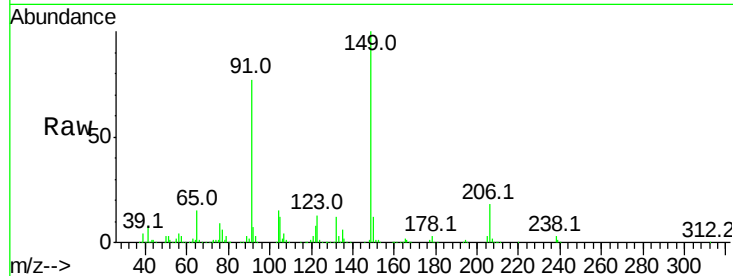




#79
Butylbenzylphthalate
Concen: 45.830 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

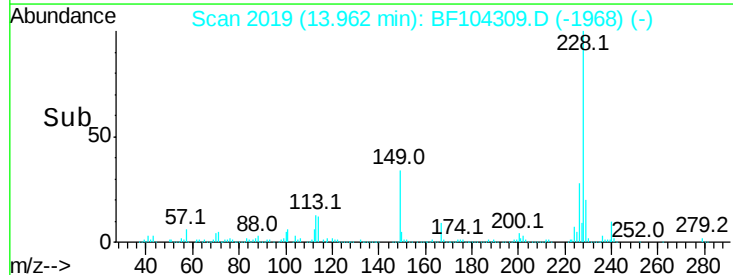
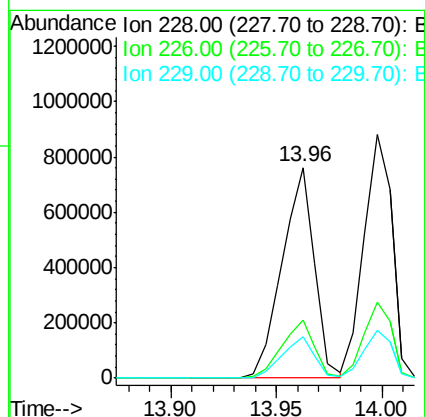
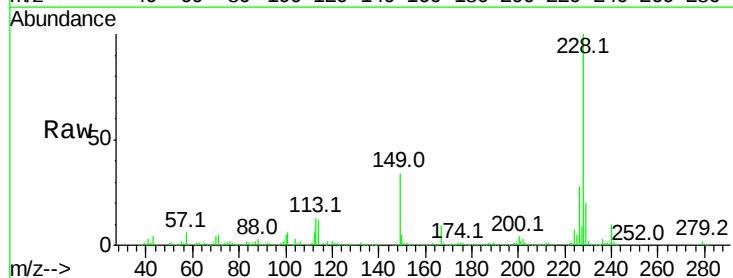
Instrument :
BNA_F
ClientSampleId :

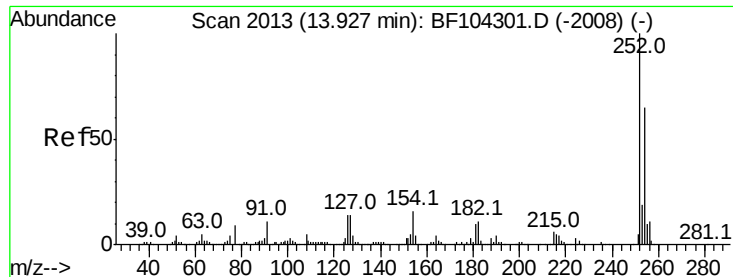
Tot Ion:149 Resp: 515875
Ion Ratio Lower Upper
149 100
91 76.8 56.8 85.2
206 17.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.088 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion:228 Resp: 810490
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.9 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 23.877 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

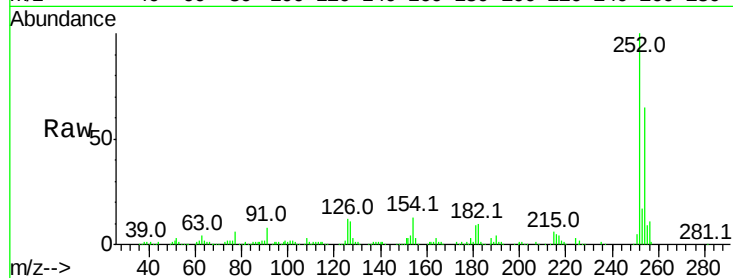
Instrument :

BNA_F

ClientSampled :

Tot Ion:252 Resp: 171439

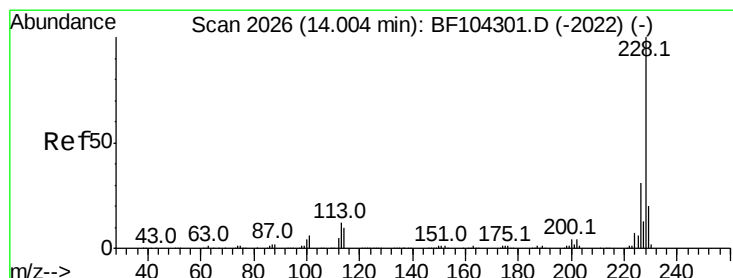
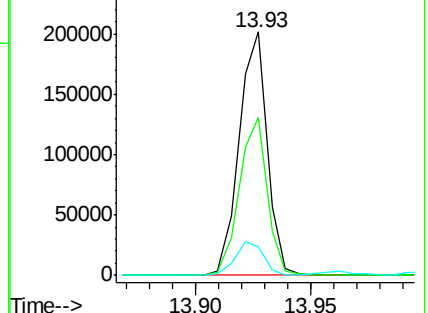
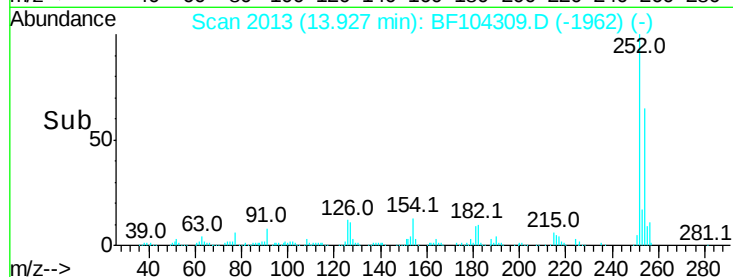
Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	11.9	11.3	16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 41.863 ng

RT: 14.00 min Scan# 2025

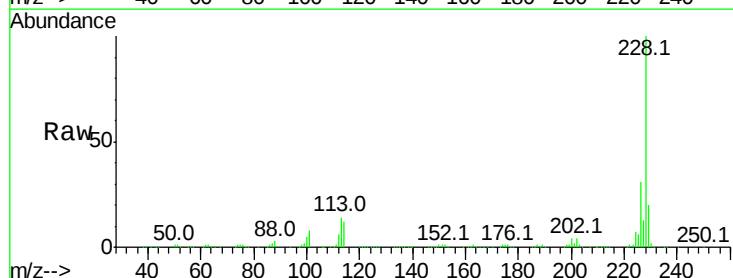
Delta R.T. -0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Tgt Ion:228 Resp: 828037

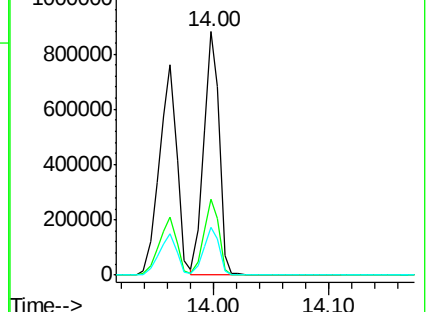
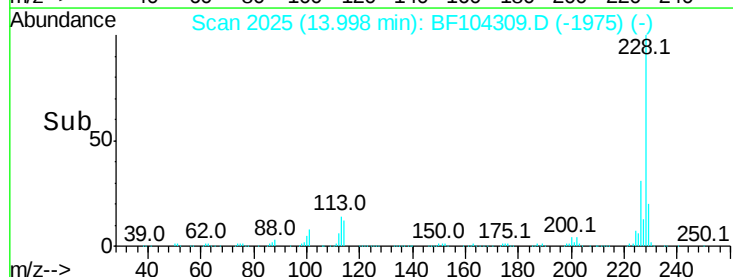
Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.8	16.2	24.4

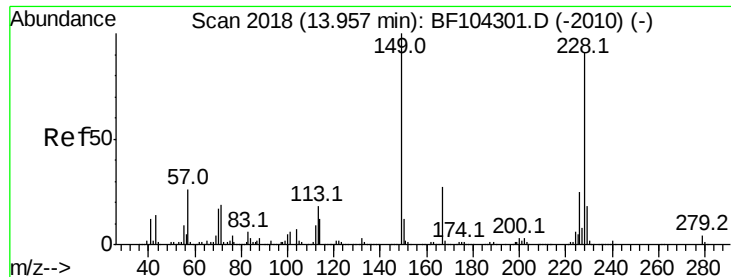


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.058 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

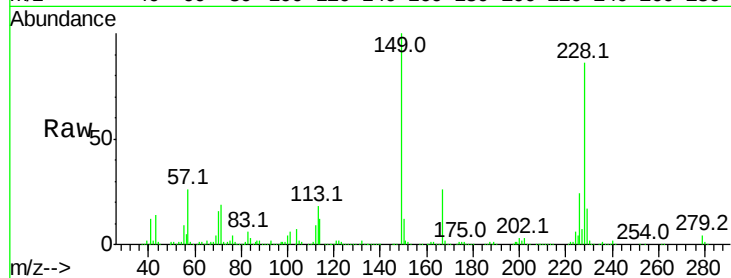
Tot Ion:149 Resp: 637899

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

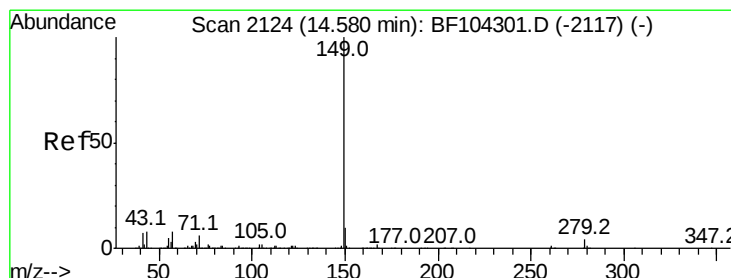
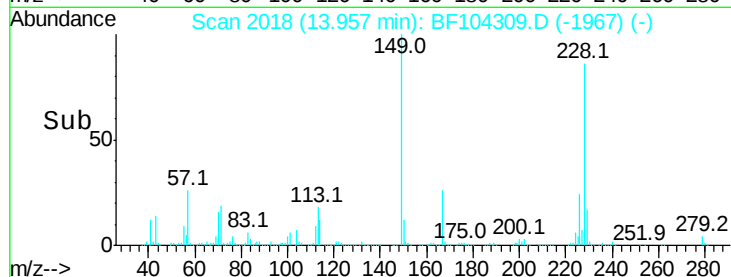
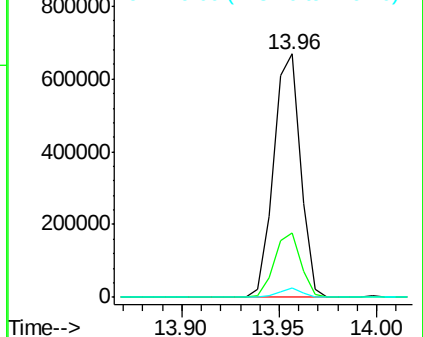
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.652 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

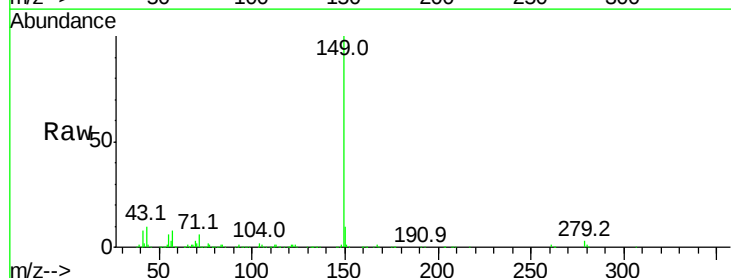
Tgt Ion:149 Resp: 1056050

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

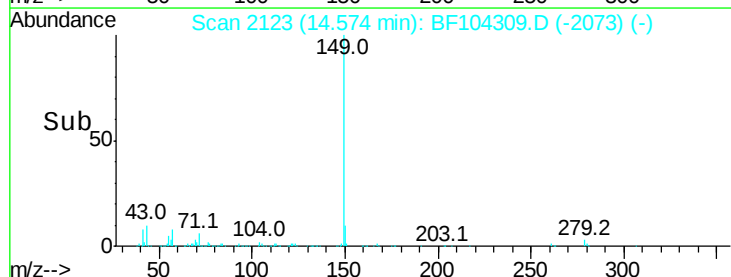
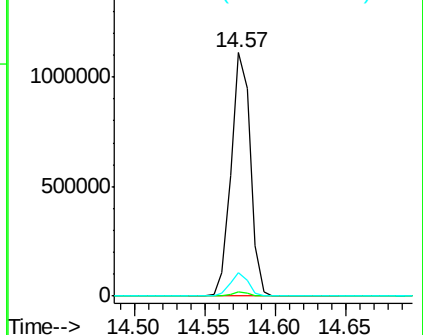
43 9.1 8.4 12.6

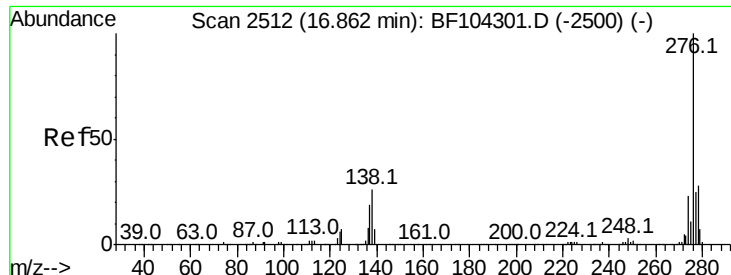


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

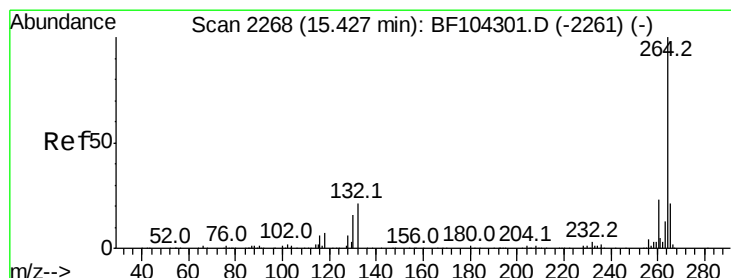
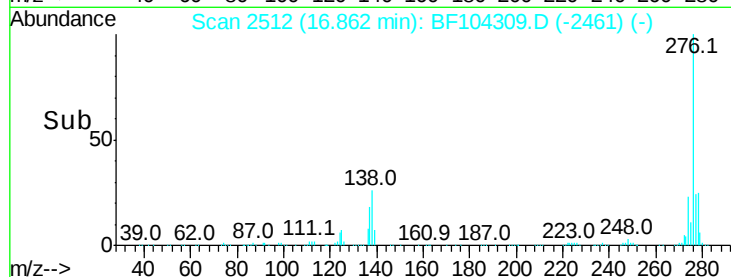
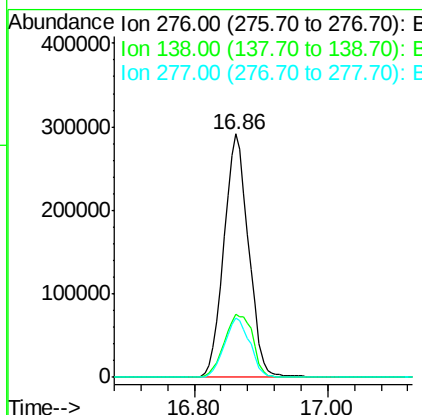
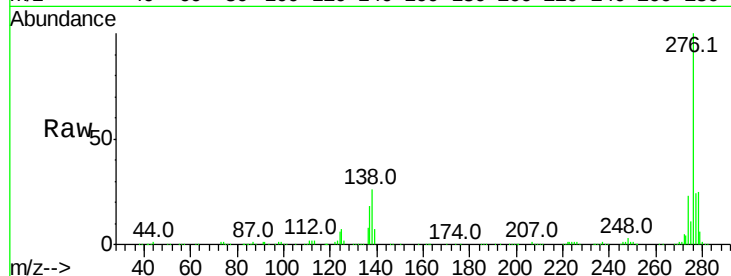




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.300 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

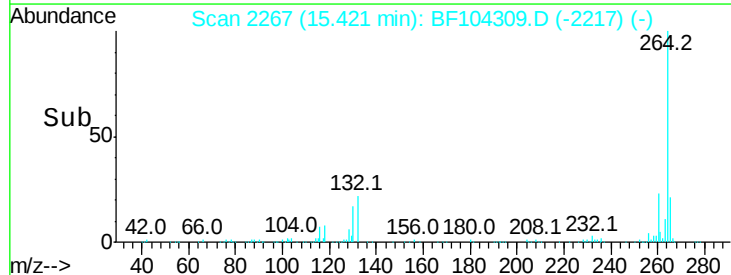
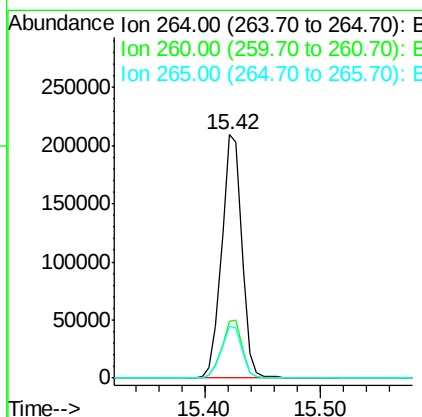
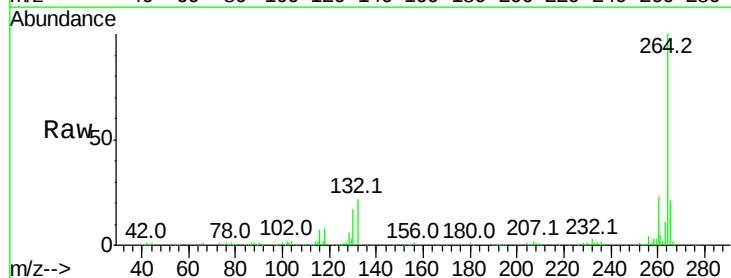
Instrument :
 BNA_F
 ClientSampleId :

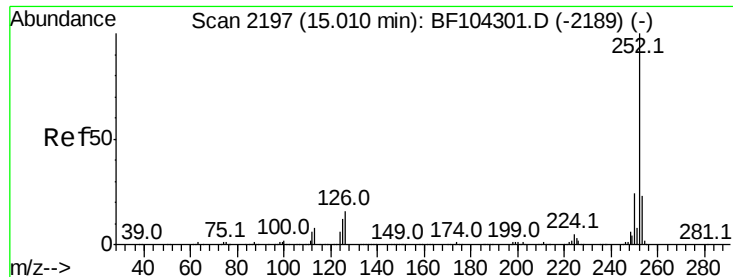
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.9	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	17.5	26.3

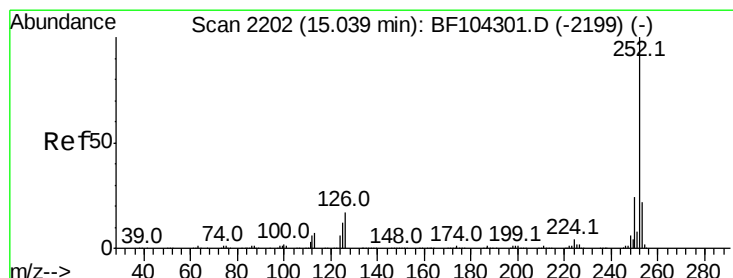
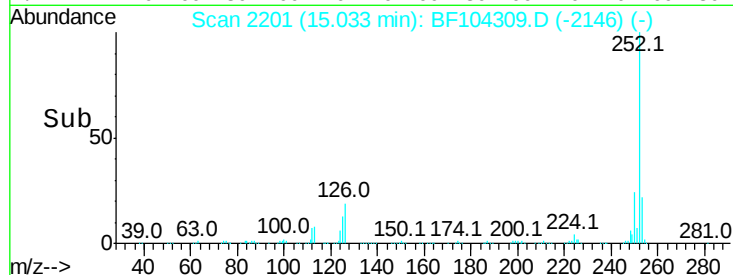
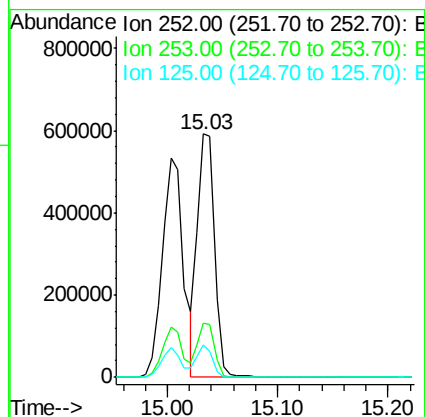
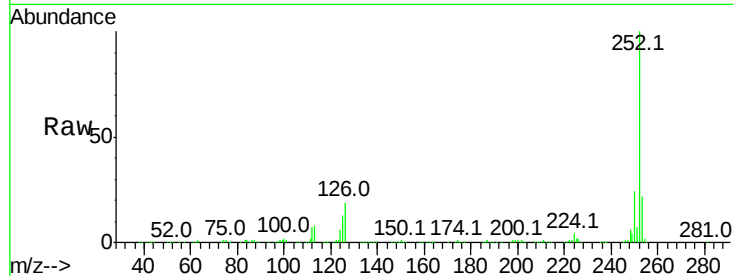




#87
Benzo(b)fluoranthene
Concen: 39.059 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

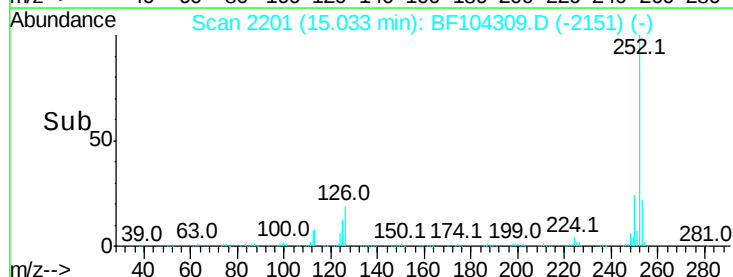
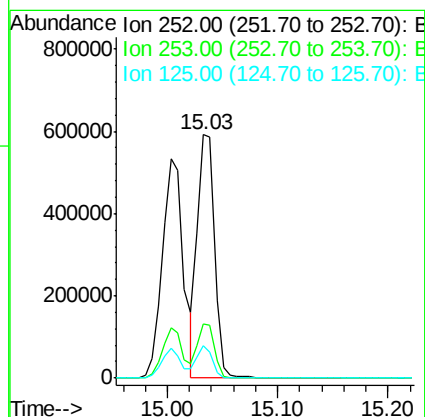
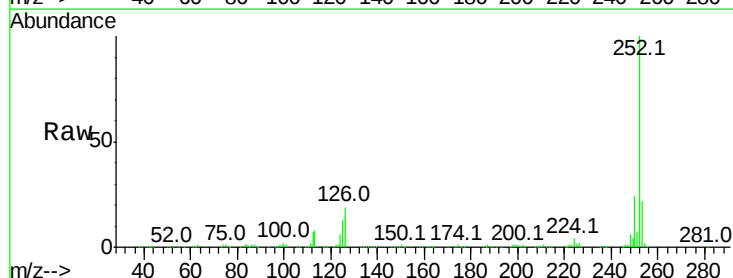
Instrument :
BNA_F
ClientSampleId :

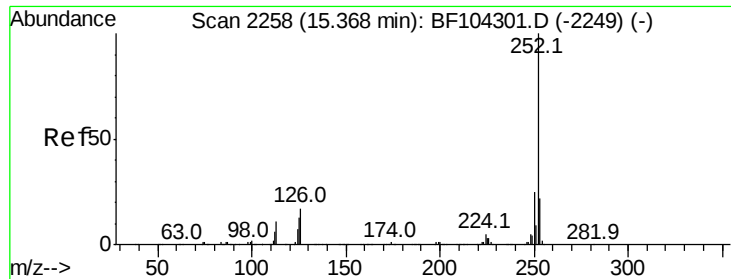
Tot Ion:252 Resp: 626106
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 13.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.372 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF104309.D
Acq: 6 Apr 2018 16:36

Tgt Ion:252 Resp: 626106
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 13.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 43.561 ng

RT: 15.36 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

Instrument :

BNA_F

ClientSampleId :

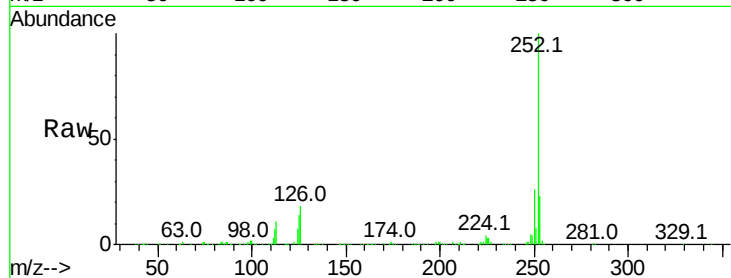
Tot Ion:252 Resp: 624777

Ion Ratio Lower Upper

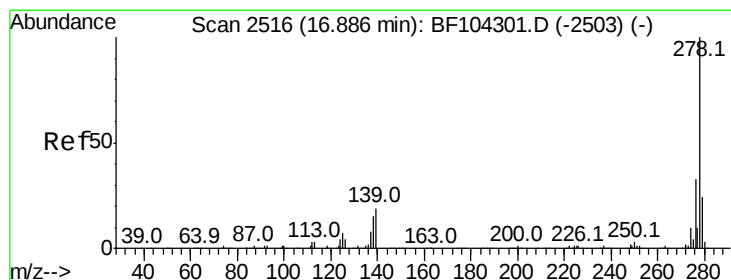
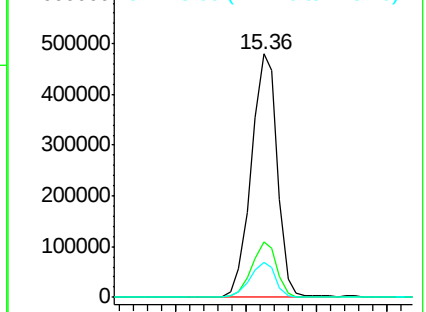
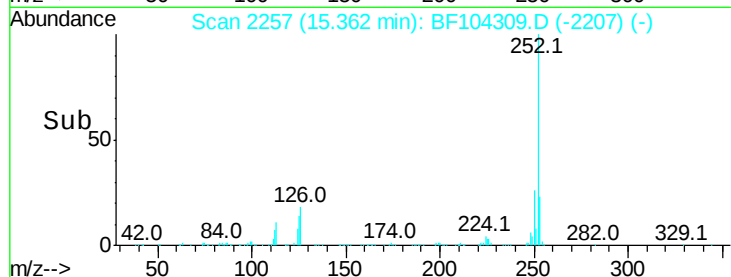
252 100

253 22.6 17.1 25.7

125 14.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 52.570 ng

RT: 16.89 min Scan# 2516

Delta R.T. -0.00 min

Lab File: BF104309.D

Acq: 6 Apr 2018 16:36

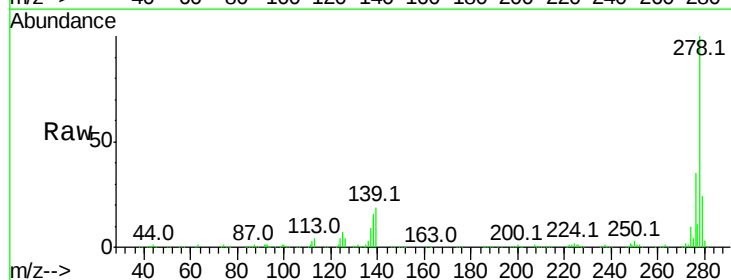
Tgt Ion:278 Resp: 619257

Ion Ratio Lower Upper

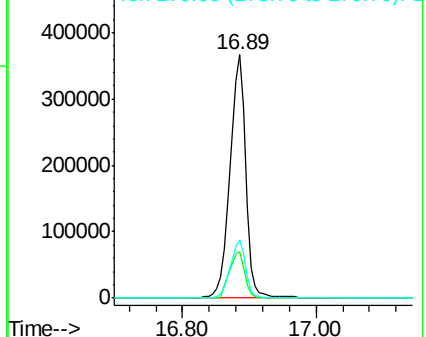
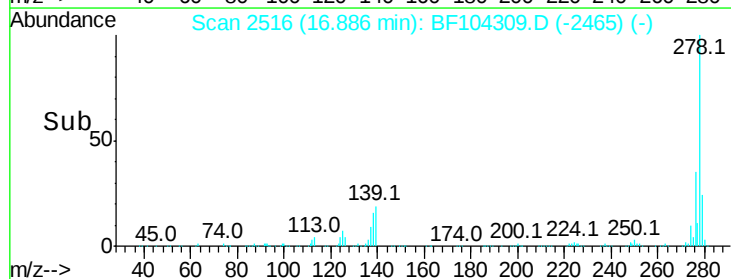
278 100

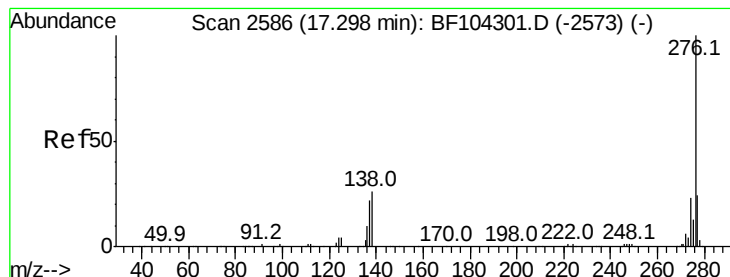
139 19.2 15.9 23.9

279 23.8 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

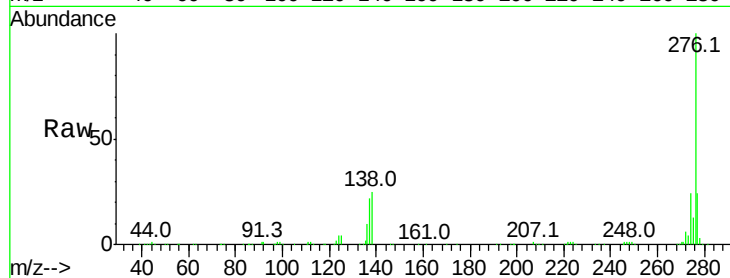




#91
 Benzo(a,h,i)perylene
 Concen: 57.263 ng
 RT: 17.30 min Scan# 2587
 Delta R.T. 0.01 min
 Lab File: BF104309.D
 Acq: 6 Apr 2018 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	25.4	21.8	32.8



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

