

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104308.D
 Acq On : 6 Apr 2018 16:09
 Operator : JU/SJ
 Sample : PB107966BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 23:08:10 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	150036	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	614320	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	285913	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	535183	20.00	ng	0.00
75) Chrysene-d12	13.97	240	430387	20.00	ng	0.00
86) Perylene-d12	15.43	264	347918	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1144663	116.66	ng	0.02
7) Phenol-d6	6.43	99	1442146	119.62	ng	0.00
23) Nitrobenzene-d5	7.37	82	864951	91.94	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	379822	128.06	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1545005	85.37	ng	0.00
78) Terphenyl-d14	12.92	244	1591613	84.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	160788	35.167	ng	91
3) Pyridine	3.33	79	470215	36.579	ng	88
4) n-Nitrosodimethylamine	3.29	42	195652	43.540	ng	81
6) Aniline	6.47	93	577853	34.499	ng	97
8) 2-Chlorophenol	6.59	128	431277	41.643	ng	93
9) Benzaldehyde	6.35	77	137107	18.675	ng	96
10) Phenol	6.45	94	554852	43.375	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	409202	40.086	ng	95
12) 1,3-Dichlorobenzene	6.75	146	441352	37.617	ng	100
13) 1,4-Dichlorobenzene	6.82	146	447926	38.298	ng	99
14) 1,2-Dichlorobenzene	6.97	146	412997	38.105	ng	99
15) Benzyl Alcohol	6.95	79	377639	41.241	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	542496	39.572	ng	94
17) 2-Methylphenol	7.06	107	372032	41.325	ng	98
18) Hexachloroethane	7.32	117	164735	39.505	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	304213	38.614	ng	94
20) 3+4-Methylphenols	7.21	107	438198	39.247	ng	# 79
22) Acetophenone	7.22	105	583555	38.584	ng	100
24) Nitrobenzene	7.39	77	449383	43.264	ng	99
25) Isophorone	7.63	82	856222	43.038	ng	98
26) 2-Nitrophenol	7.70	139	218045	51.565	ng	95
27) 2,4-Dimethylphenol	7.74	122	423852	48.274	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	539810	44.379	ng	99
29) 2,4-Dichlorophenol	7.94	162	368547	43.993	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	356092	38.731	ng	99
31) Naphthalene	8.11	128	1234706	40.363	ng	99
32) Benzoic acid	7.87	122	292823	41.799	ng	97
33) 4-Chloroaniline	8.16	127	437241	33.364	ng	98
34) Hexachlorobutadiene	8.22	225	193408	38.406	ng	98
36) 4-Chloro-3-methylphenol	8.64	107	400806	44.619	ng	98
37) 2-Methylnaphthalene	8.80	142	820796	41.482	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	325043	39.715	ng	99
40) Hexachlorocyclopentadiene	8.95	237	403717	88.110	ng	97
42) 2,4,6-Trichlorophenol	9.07	196	259110	45.606	ng	97

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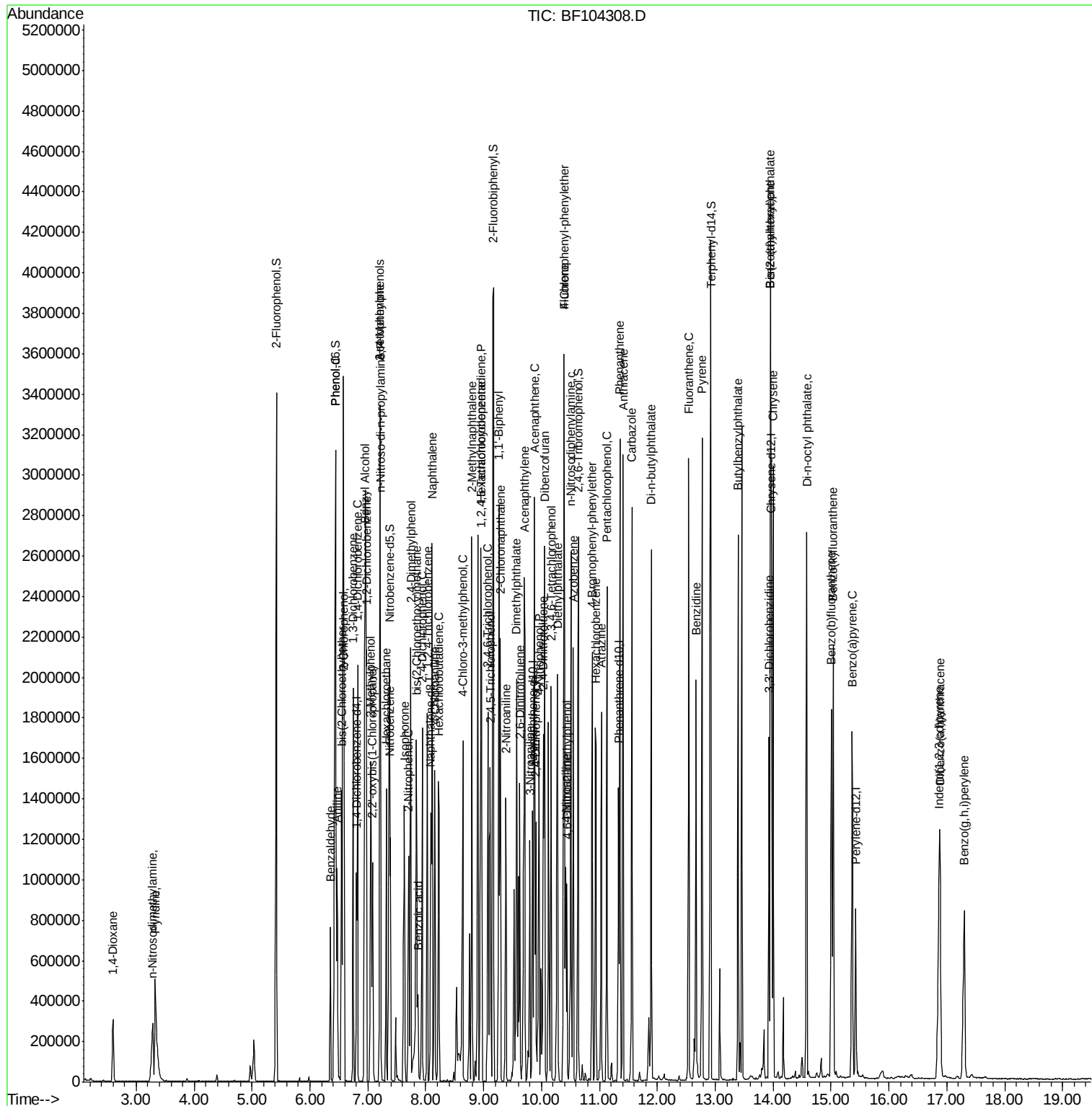
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.11	196	256528	40.348	nq	97
45) 1,1'-Biphenyl	9.27	154	966062	40.221	nq	99
46) 2-Chloronaphthalene	9.29	162	761588	40.143	nq	98
47) 2-Nitroaniline	9.39	65	236275	50.360	nq	97
48) Acenaphthylene	9.70	152	1192710	40.070	nq	99
49) Dimethylphthalate	9.57	163	916236	40.638	nq	99
50) 2,6-Dinitrotoluene	9.63	165	206562	49.512	nq	95
51) Acenaphthene	9.88	154	795926	43.825	nq	100
52) 3-Nitroaniline	9.80	138	193247	39.566	nq	98
53) 2,4-Dinitrophenol	9.90	184	167981	91.207	nq	# 20
54) Dibenzofuran	10.05	168	1069892	42.272	nq	97
55) 4-Nitrophenol	9.96	139	391617	102.073	nq	98
56) 2,4-Dinitrotoluene	10.03	165	272301	49.759	nq	98
57) Fluorene	10.39	166	783512	42.531	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	219445	46.265	nq	97
59) Diethylphthalate	10.27	149	928397	41.345	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	345716	42.138	nq	99
61) 4-Nitroaniline	10.42	138	235864	49.390	nq	97
62) Azobenzene	10.55	77	909175	42.380	nq	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	114350	44.504	nq	86
65) n-Nitrosodiphenylamine	10.51	169	752454	40.550	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	230290	40.454	nq	97
67) Hexachlorobenzene	10.94	284	253054	39.506	nq	# 89
68) Atrazine	11.04	200	243170	43.415	nq	99
69) Pentachlorophenol	11.13	266	292176	73.731	nq	97
70) Phenanthrene	11.36	178	1193555	40.047	nq	99
71) Anthracene	11.41	178	1236230	40.805	nq	100
72) Carbazole	11.56	167	1172751	39.614	nq	100
73) Di-n-butylphthalate	11.90	149	1440465	39.832	nq	99
74) Fluoranthene	12.55	202	1274111	40.916	nq	98
76) Benzidine	12.67	184	689427	50.869	nq	98
77) Pyrene	12.77	202	1293943	40.560	nq	100
79) Butylbenzylphthalate	13.40	149	638555	42.487	nq	97
80) Benzo(a)anthracene	13.96	228	1037958	40.369	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	317183	33.086	nq	98
82) Chrysene	14.00	228	1057073	40.026	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	771402	39.904	nq	100
84) Di-n-octyl phthalate	14.58	149	1439236	44.557	nq	97
85) Indeno(1,2,3-cd)pyrene	16.86	276	850289	37.900	nq	98
87) Benzo(b)fluoranthene	15.01	252	966381	43.979	nq	98
88) Benzo(k)fluoranthene	15.04	252	922643	44.475	nq	99
89) Benzo(a)pyrene	15.37	252	869120	44.205	nq	97
90) Dibenzo(a,h)anthracene	16.89	278	696967	43.162	nq	99
91) Benzo(g,h,i)perylene	17.30	276	713945	45.636	nq	98

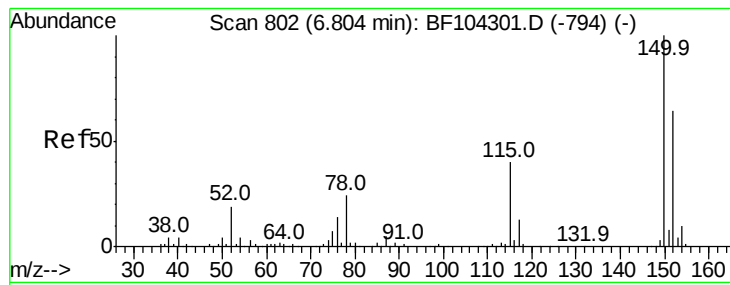
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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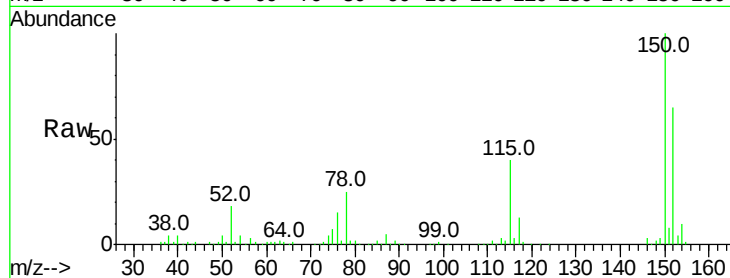


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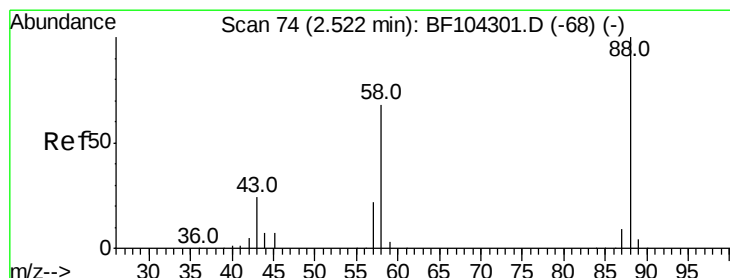
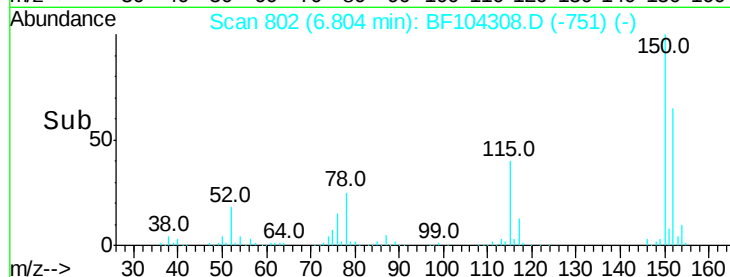
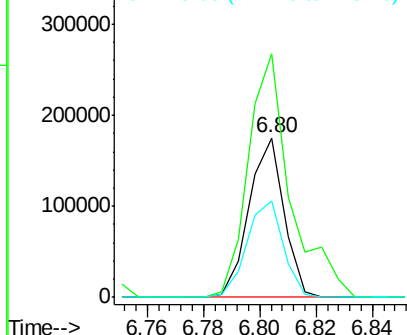
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 150036
Ion Ratio Lower Upper
152 100
150 152.8 124.6 186.8
115 60.9 50.1 75.1



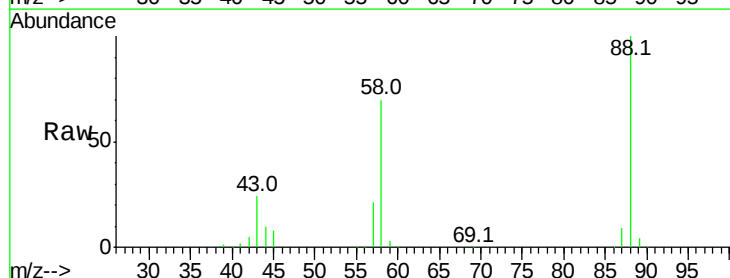
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



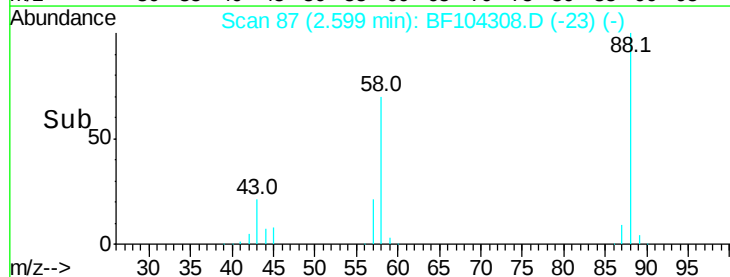
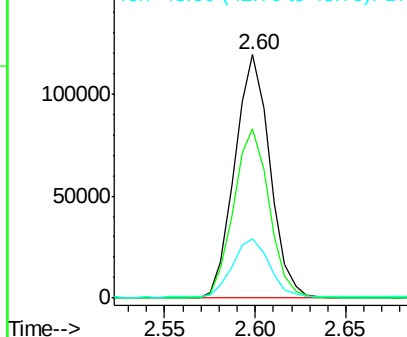
#2

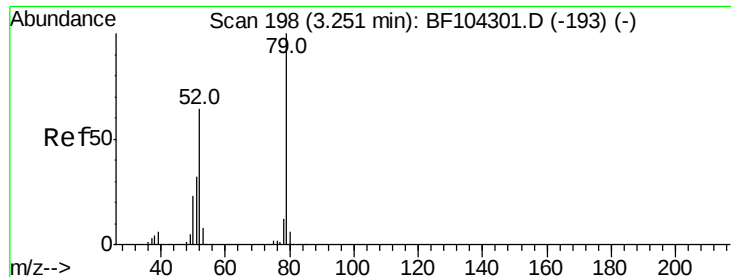
1,4-Dioxane
Concen: 35.167 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.08 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion: 88 Resp: 160788
Ion Ratio Lower Upper
88 100
58 70.3 62.6 93.8
43 25.9 24.6 37.0



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





#3

Pvridine

Concen: 36.579 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.08 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

ClientSampled :

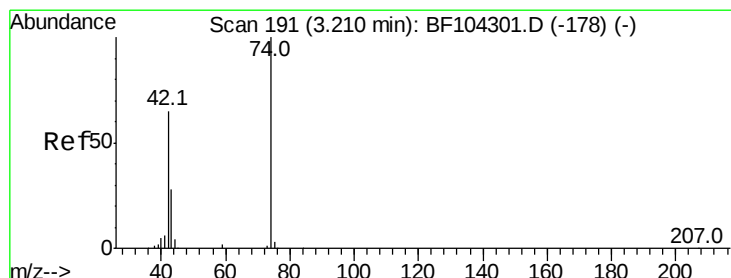
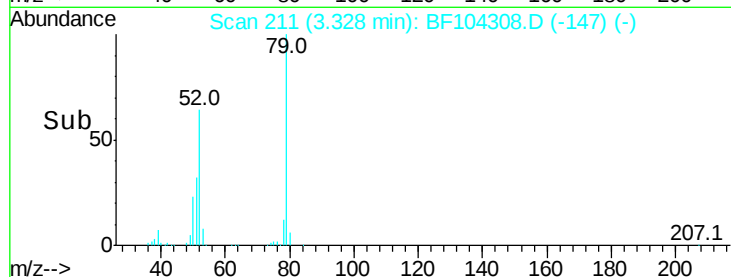
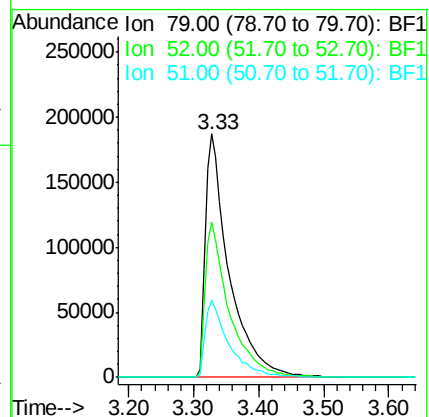
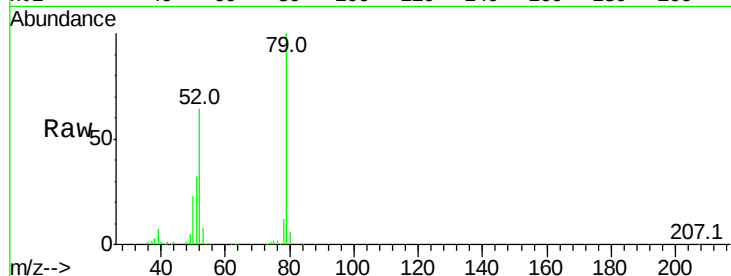
Tot Ion: 79 Resp: 470215

Ion Ratio Lower Upper

79 100

52 63.9 59.8 89.6

51 31.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 43.540 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.08 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

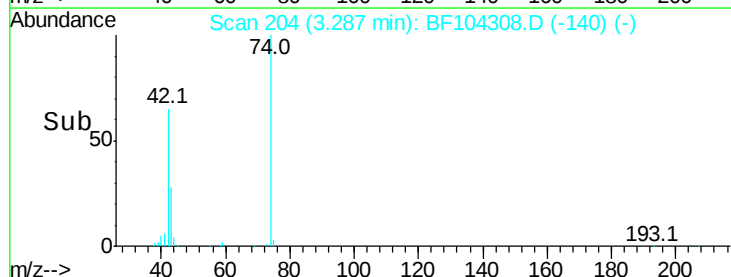
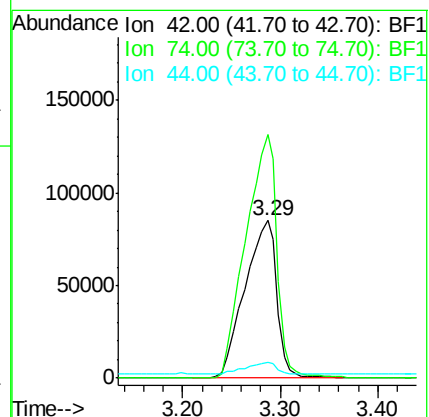
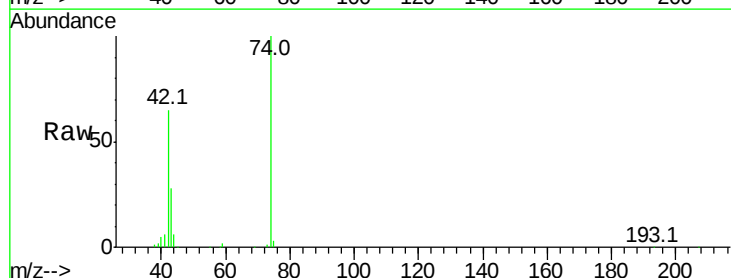
Tgt Ion: 42 Resp: 195652

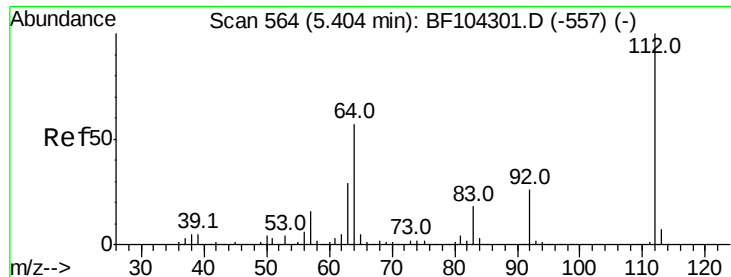
Ion Ratio Lower Upper

42 100

74 154.5 104.9 157.3

44 10.0 6.9 10.3





#5

2-Fluorophenol

Concen: 116.656 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

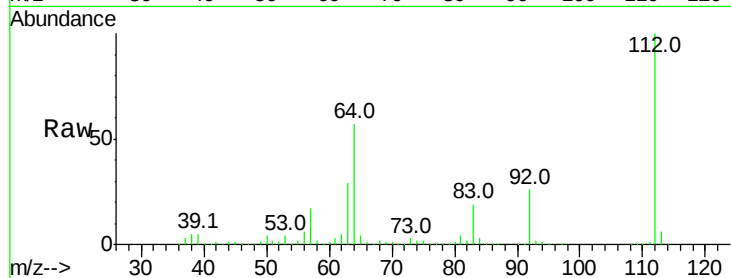
Tot Ion:112 Resp: 1144663

Ion Ratio Lower Upper

112 100

64 56.5 47.9 71.9

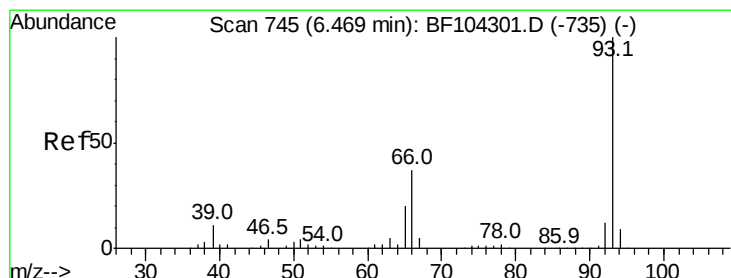
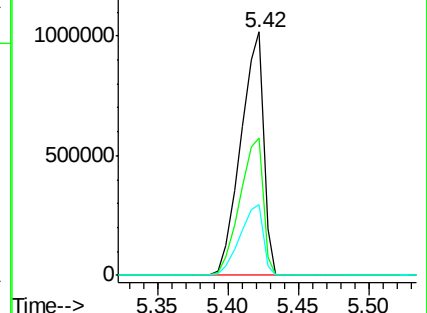
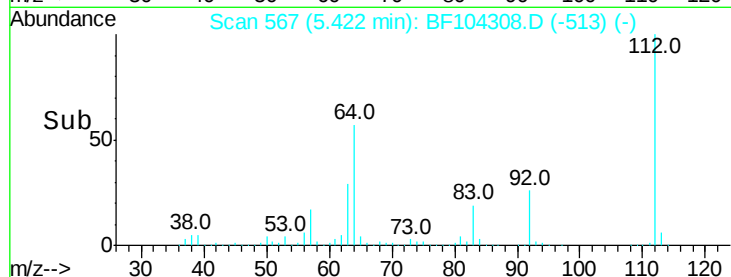
63 29.0 23.7 35.5



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: 34.499 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

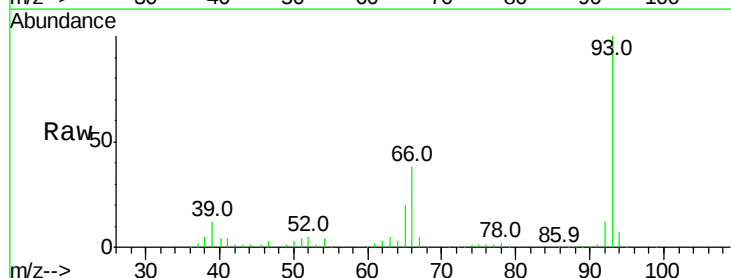
Tgt Ion: 93 Resp: 577853

Ion Ratio Lower Upper

93 100

66 38.3 32.2 48.2

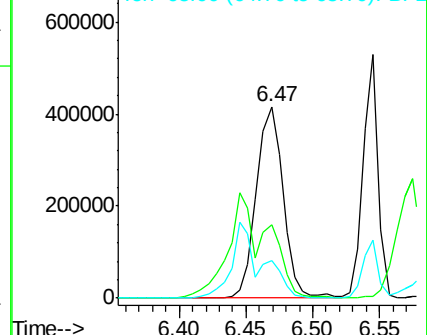
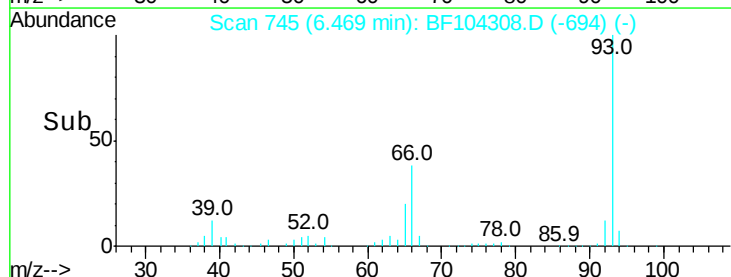
65 19.6 16.4 24.6



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: 119.619 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

ClientSampled :

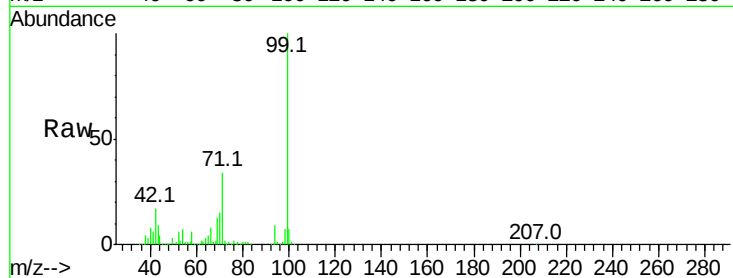
Tot Ion: 99 Resp: 1442146

Ion Ratio Lower Upper

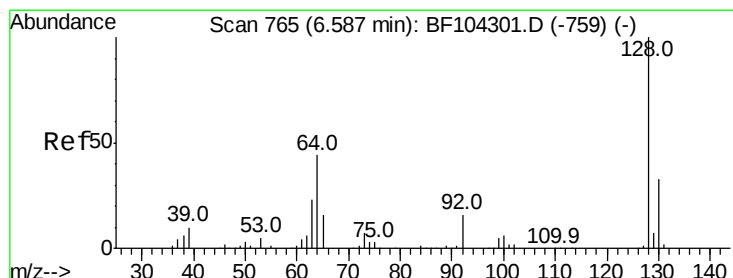
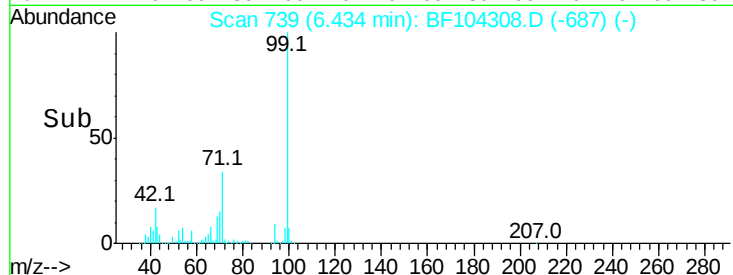
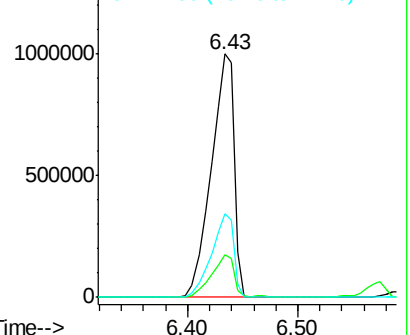
99 100

42 17.5 14.5 21.7

71 34.3 25.4 38.0



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



#8

2-Chlorophenol

Concen: 41.643 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104308.D

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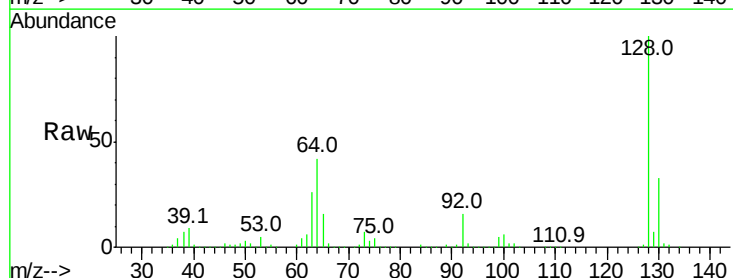
Tgt Ion:128 Resp: 431277

Ion Ratio Lower Upper

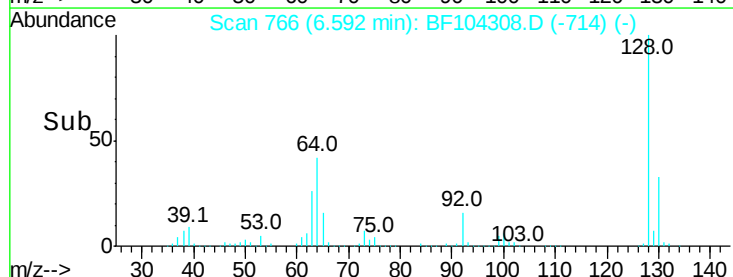
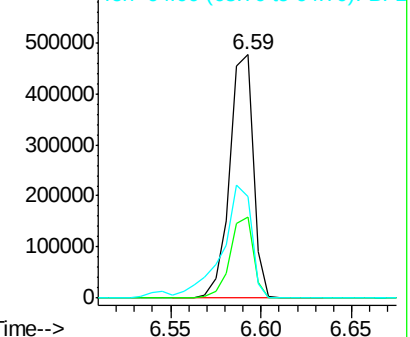
128 100

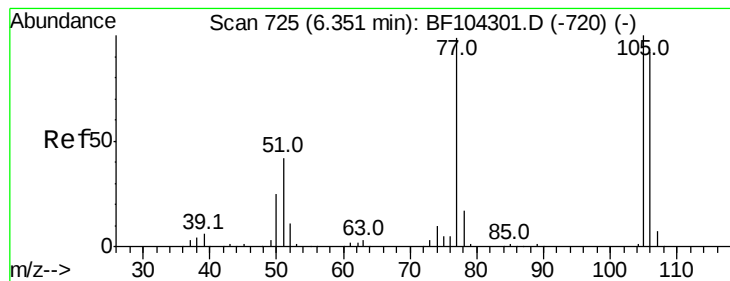
130 33.5 13.0 53.0

64 41.7 29.4 69.4



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





#9

Benzaldehyde

Concen: 18.675 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

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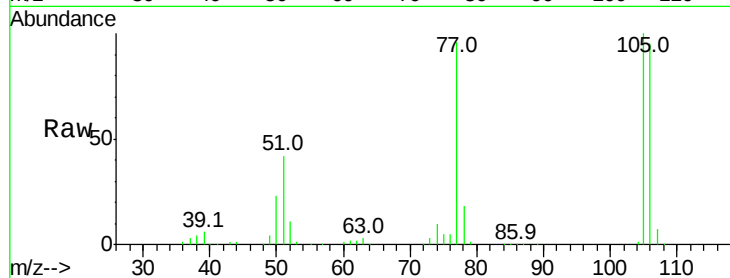
Tot Ion: 77 Resp: 137107

Ion Ratio Lower Upper

77 100

105 104.4 81.1 121.1

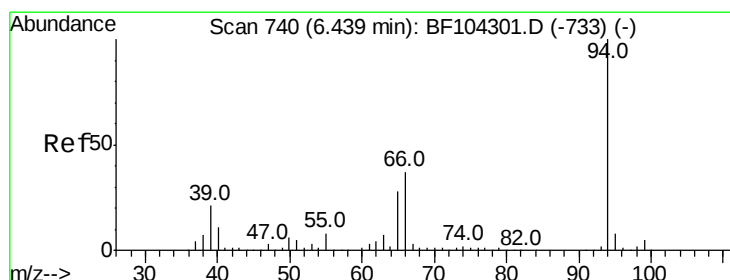
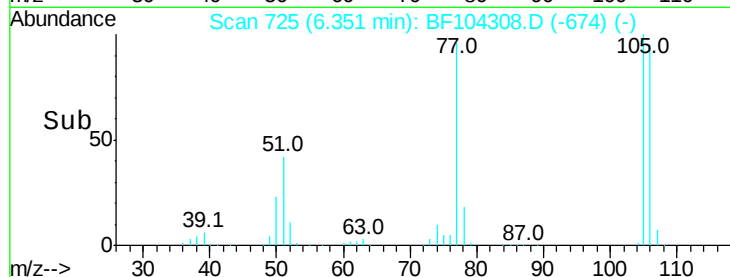
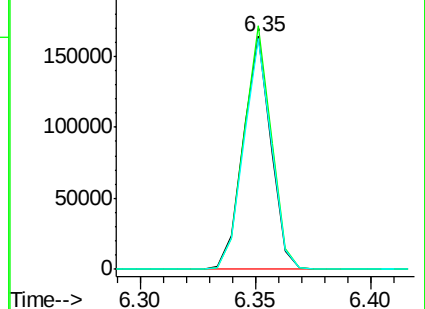
106 98.9 74.5 114.5



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: 43.375 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

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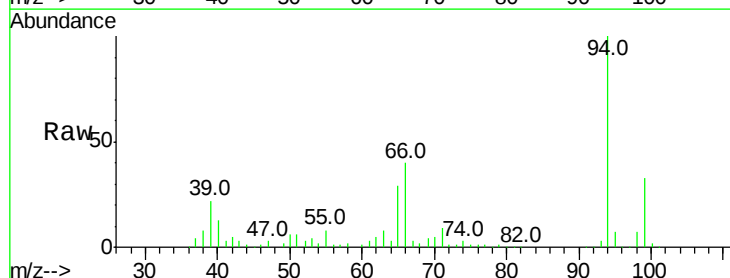
Tgt Ion: 94 Resp: 554852

Ion Ratio Lower Upper

94 100

65 29.0 7.9 47.9

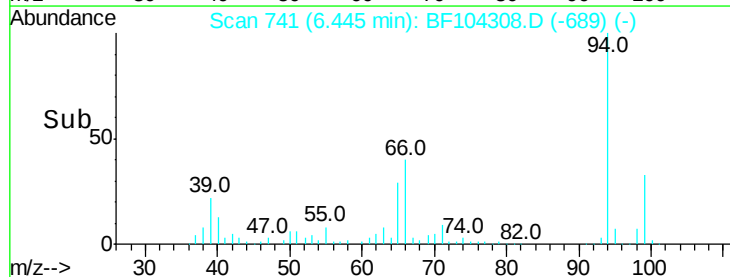
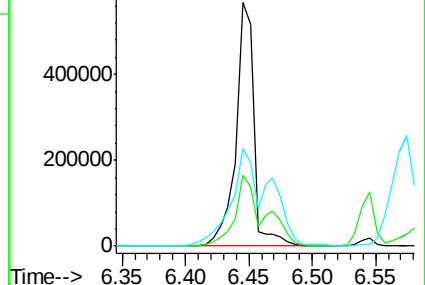
66 40.2 16.2 56.2

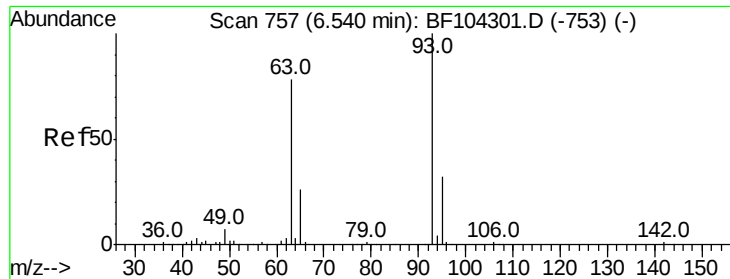


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.086 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

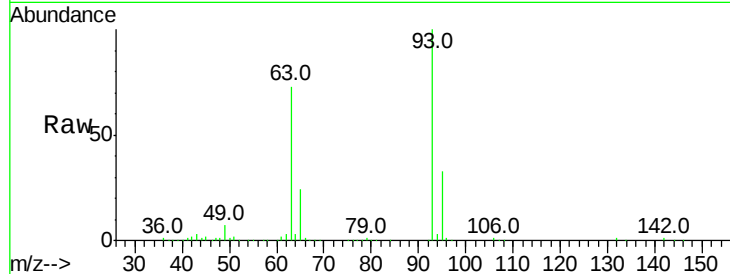
Tot Ion: 93 Resp: 409202

Ion Ratio Lower Upper

93 100

63 73.1 58.6 98.6

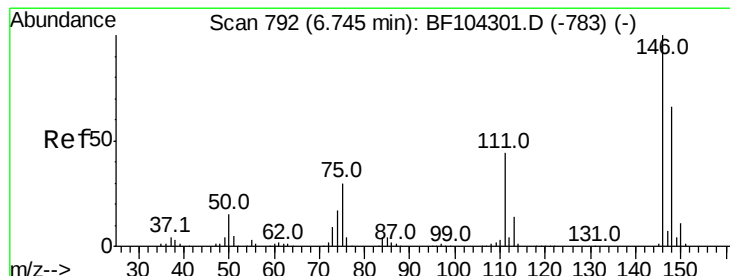
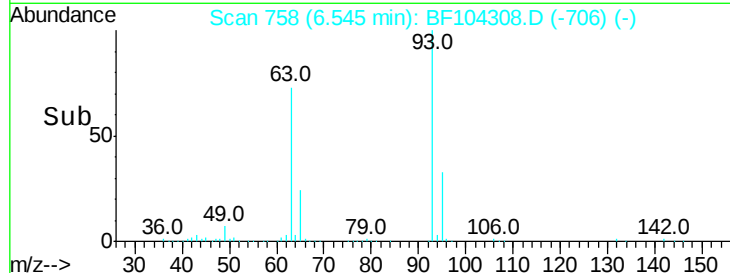
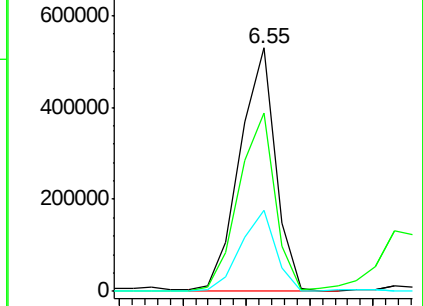
95 33.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.617 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

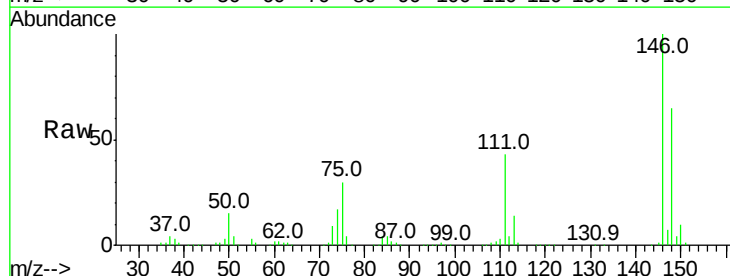
Tgt Ion: 146 Resp: 441352

Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

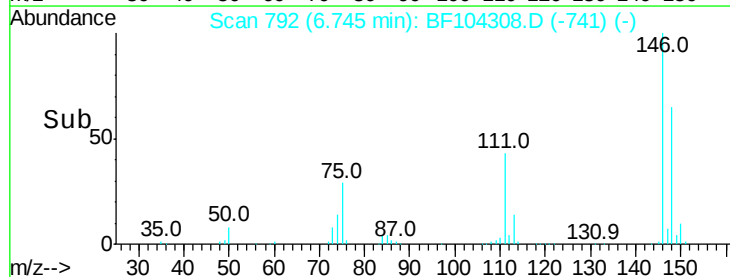
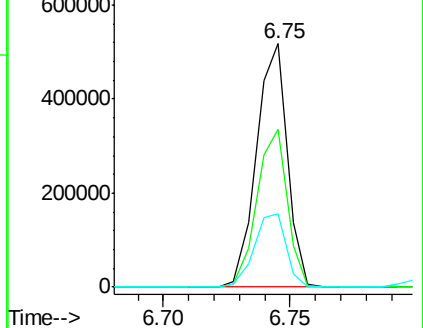
75 29.9 24.2 36.4

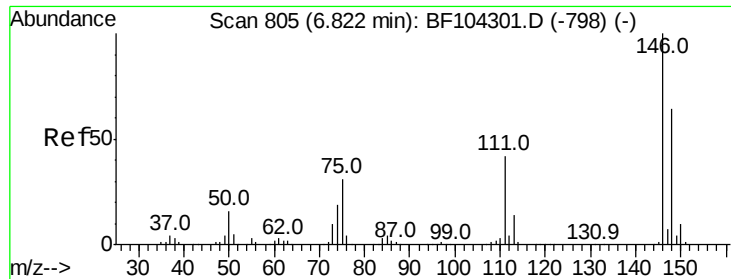


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

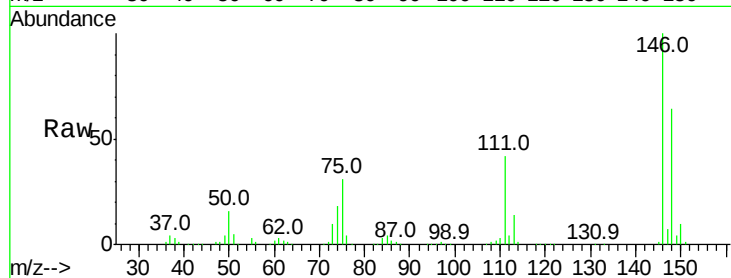




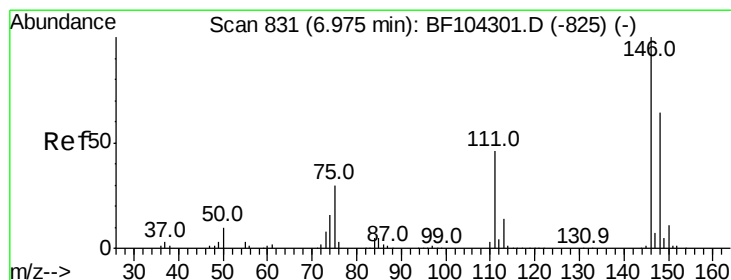
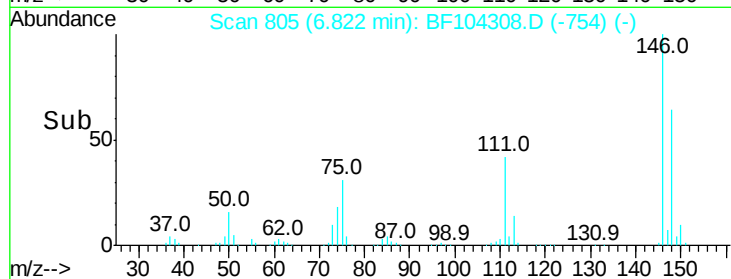
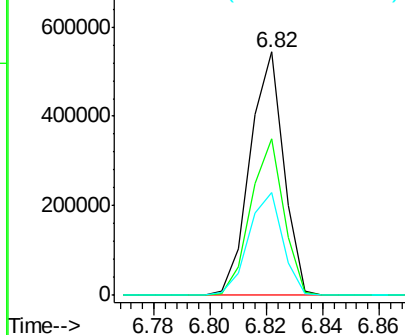
#13
 1,4-Dichlorobenzene
 Concen: 38.298 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 447926
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 42.0 34.2 51.2

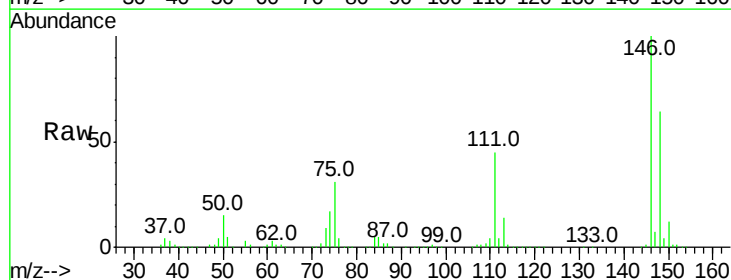


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

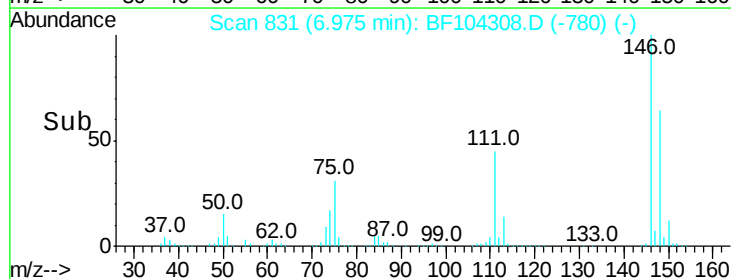
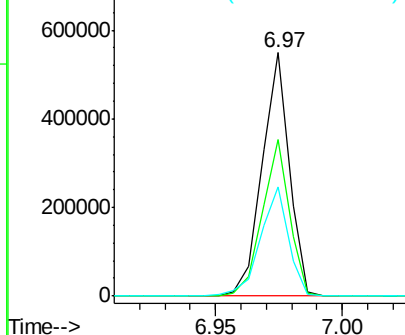


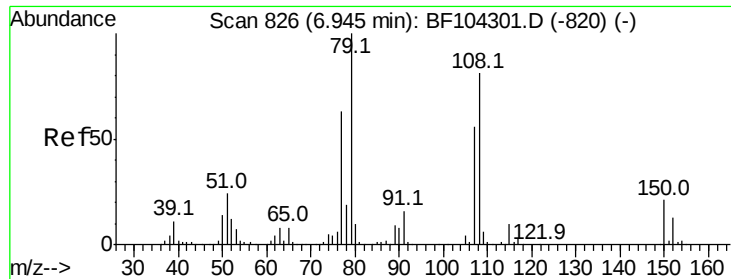
#14
 1,2-Dichlorobenzene
 Concen: 38.105 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion:146 Resp: 412997
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 44.8 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 41.241 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

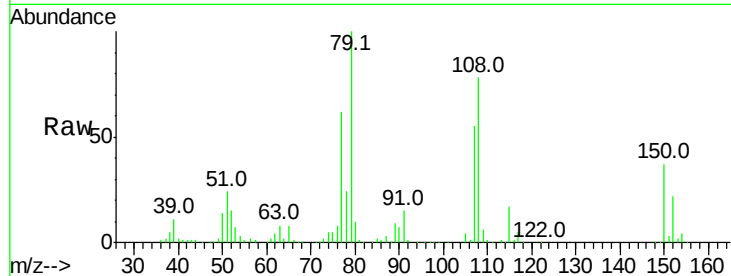
Tot Ion: 79 Resp: 377639

Ion Ratio Lower Upper

79 100

108 77.8 65.1 97.7

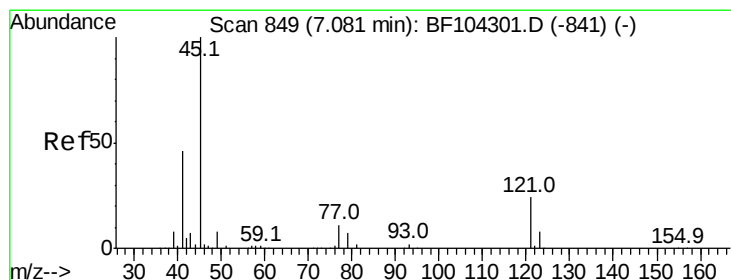
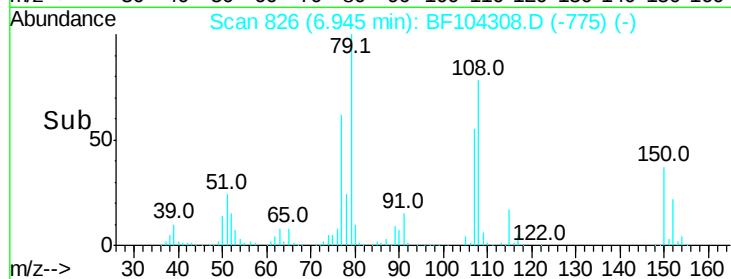
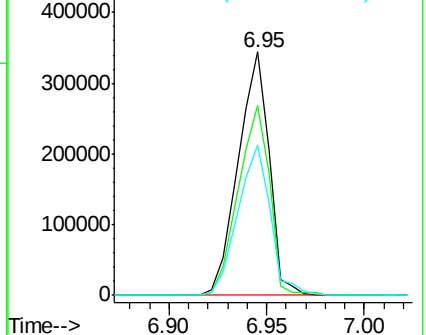
77 61.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.572 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

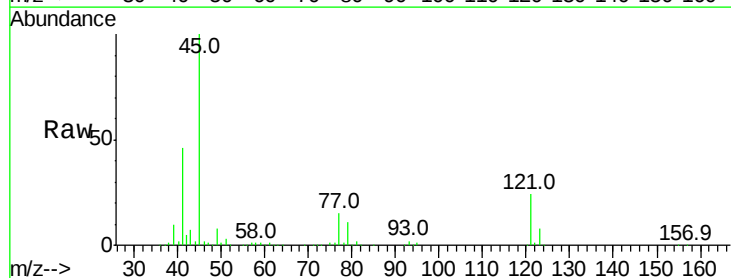
Tgt Ion: 45 Resp: 542496

Ion Ratio Lower Upper

45 100

77 15.4 0.0 32.9

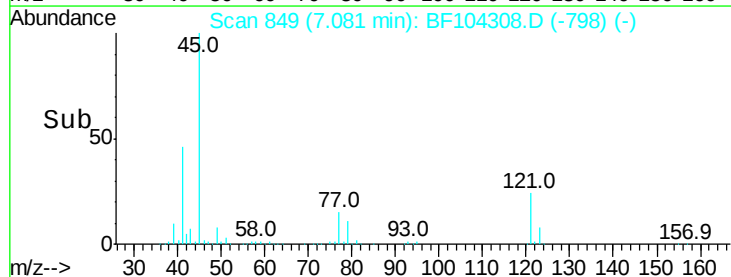
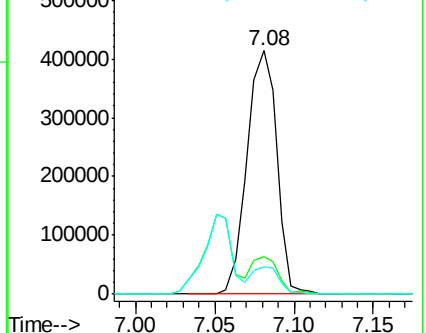
79 11.4 0.0 29.6

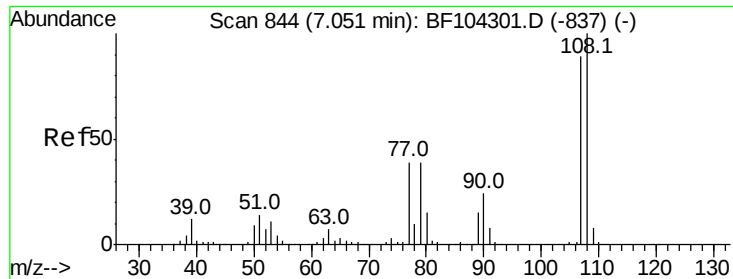


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.325 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 372032

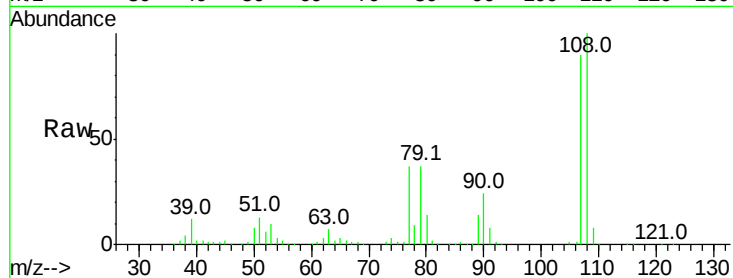
Ion Ratio Lower Upper

107 100

108 111.4 91.7 137.5

77 41.3 33.8 50.8

79 41.6 33.8 50.8

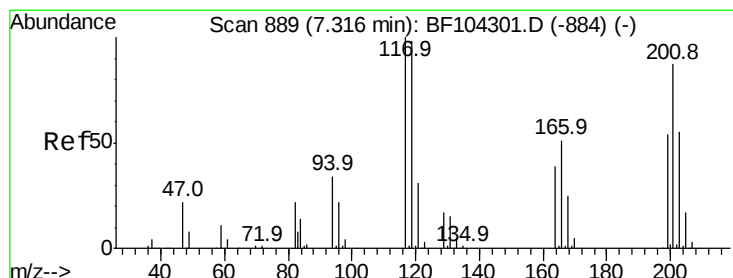
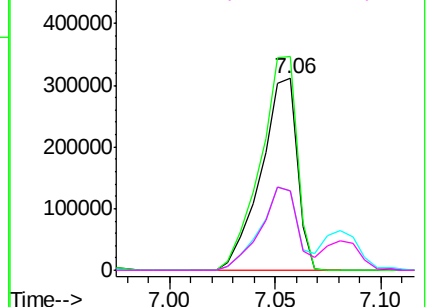
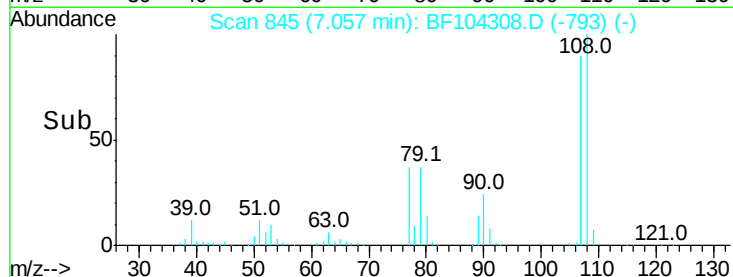


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.505 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

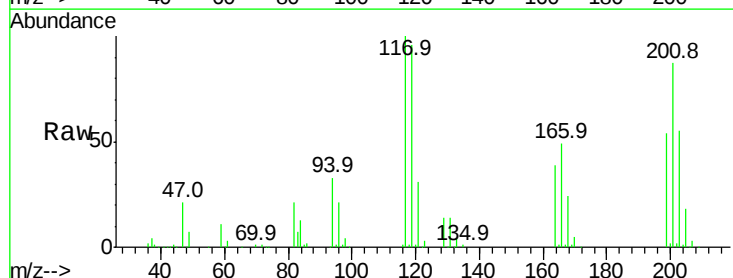
Tgt Ion:117 Resp: 164735

Ion Ratio Lower Upper

117 100

119 95.7 75.8 113.8

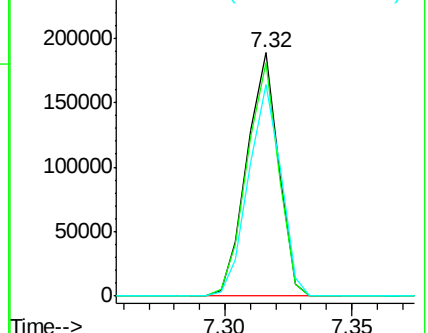
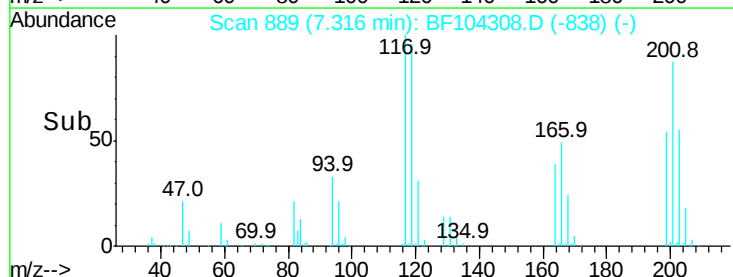
201 87.1 75.7 113.5

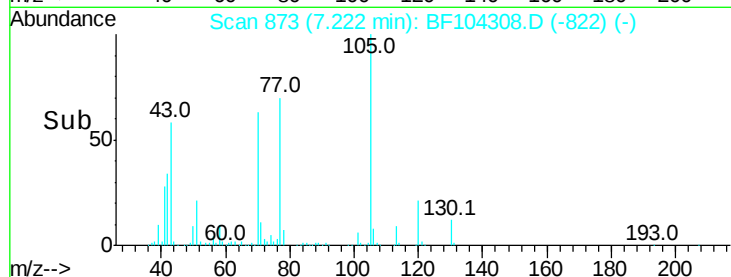
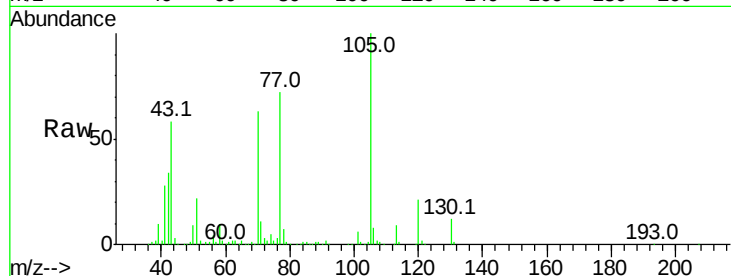
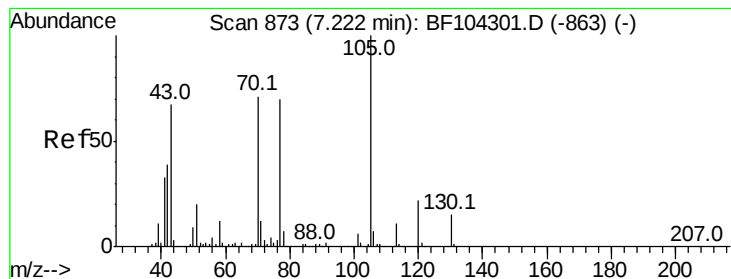


Abundance Ion 117.00 (116.70 to 117.70): E

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: 38.614 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 304213

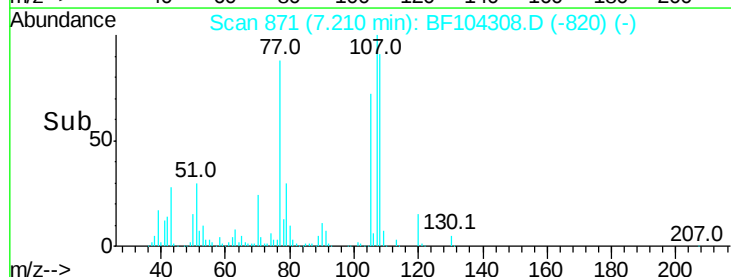
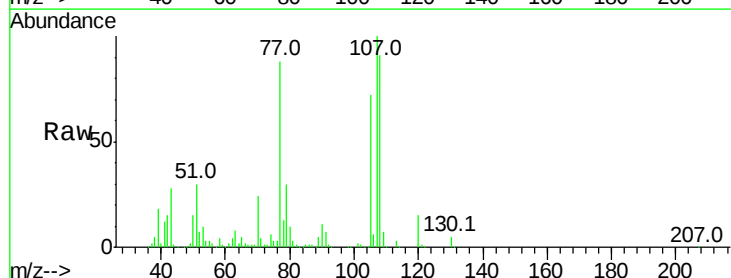
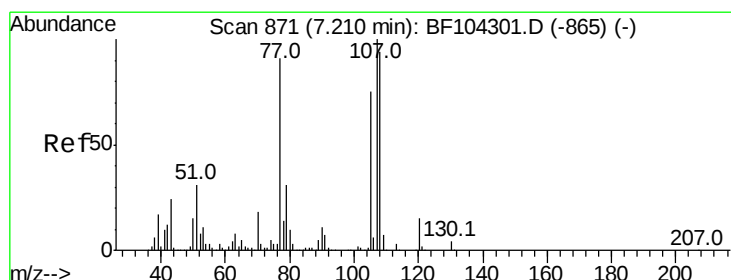
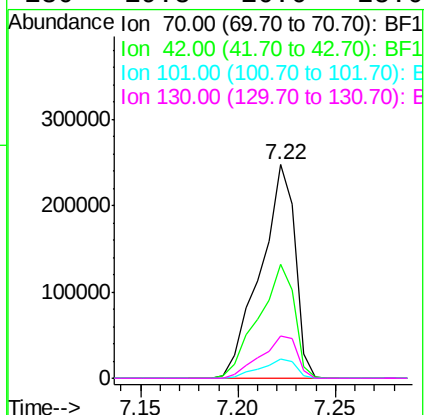
Ion Ratio Lower Upper

70 100

42 53.6 47.5 71.3

101 9.3 7.4 11.2

130 19.8 16.6 25.0



#20

3+4-Methylphenols

Concen: 39.247 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Tgt Ion: 107 Resp: 438198

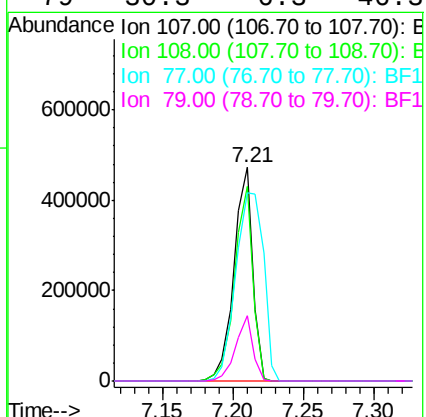
Ion Ratio Lower Upper

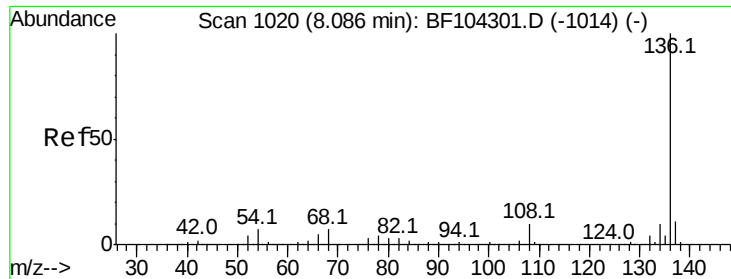
107 100

108 91.0 68.2 108.2

77 88.2 26.7 66.7#

79 30.3 6.3 46.3

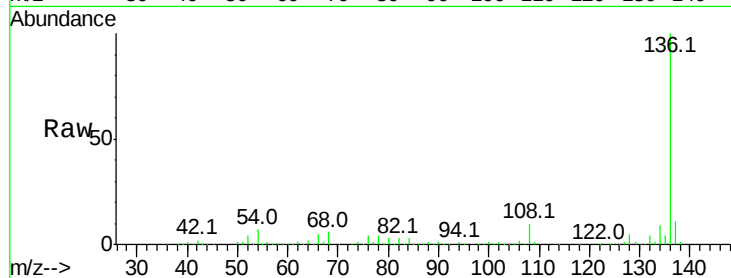




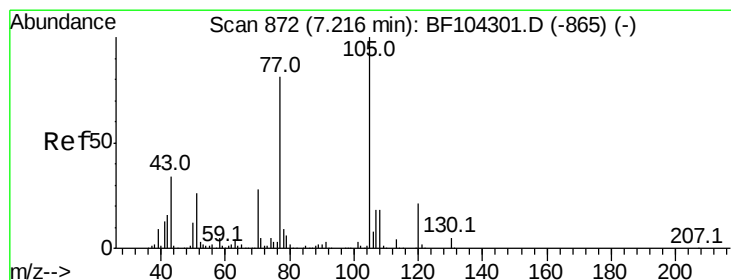
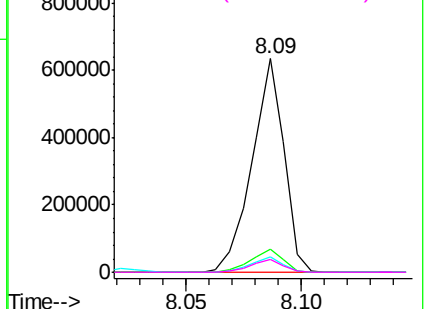
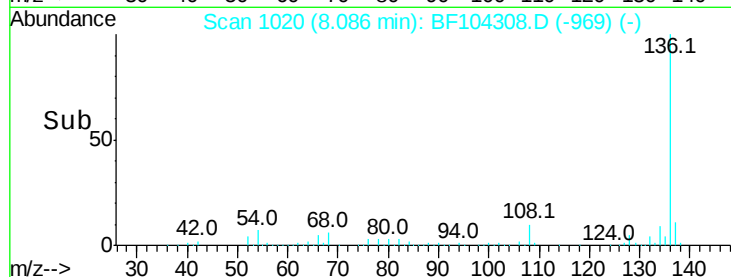
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	614320
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	6.6	9.8
68	6.2	5.0	7.4

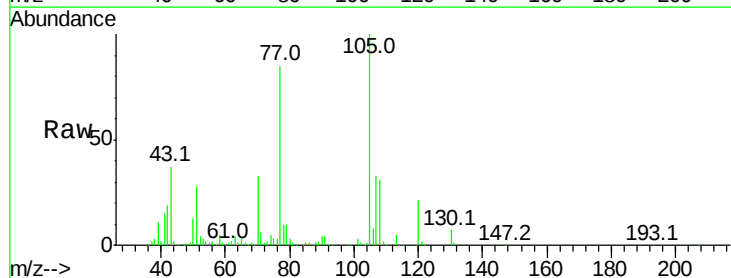


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

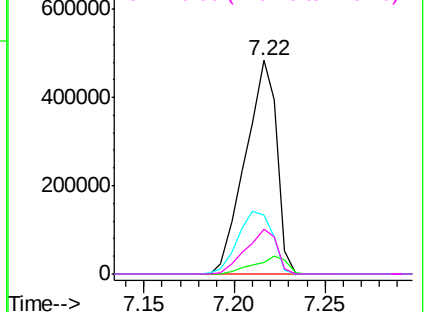
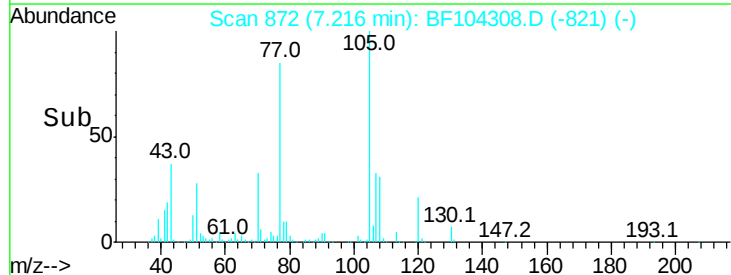


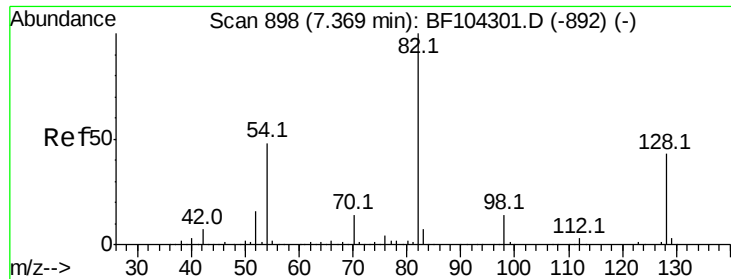
#22
Acetophenone
Concen: 38.584 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion:	105	Resp:	583555
Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.4	6.6
51	27.7	22.3	33.5
120	21.1	16.9	25.3



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

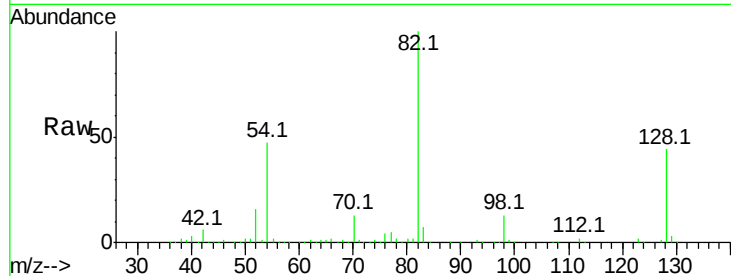




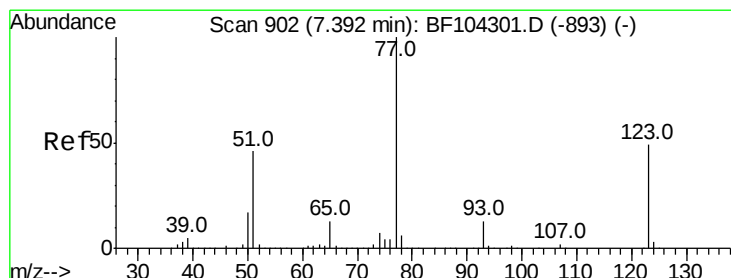
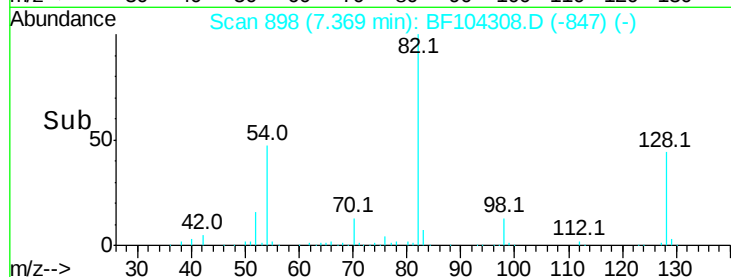
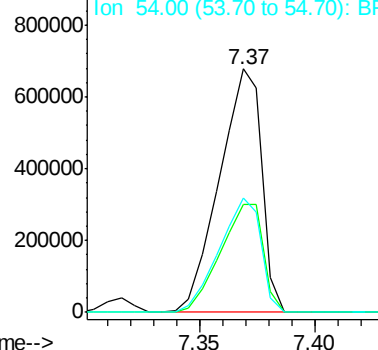
#23
 Nitrobenzene-d5
 Concen: 91.938 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 864951
 Ion Ratio Lower Upper
 82 100
 128 44.3 36.1 54.1
 54 47.2 41.4 62.2

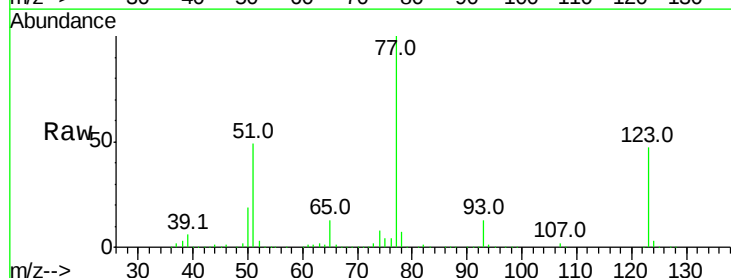


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

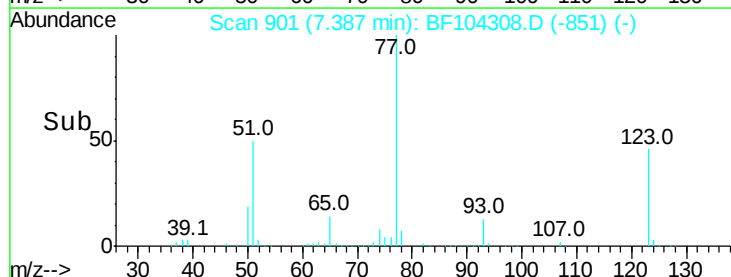
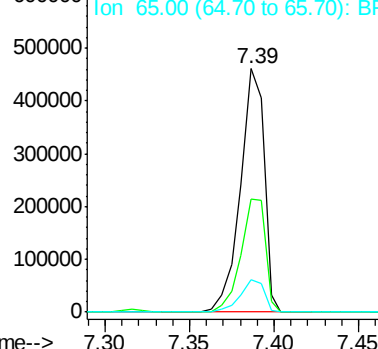


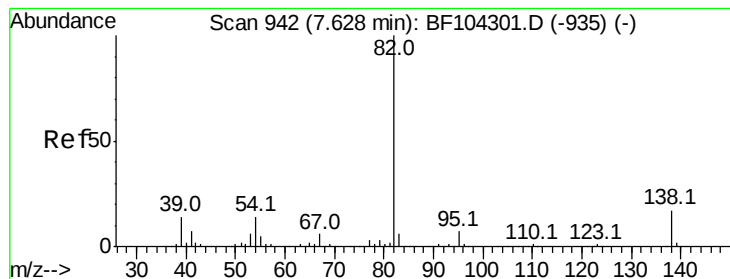
#24
 Nitrobenzene
 Concen: 43.264 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion: 77 Resp: 449383
 Ion Ratio Lower Upper
 77 100
 123 46.6 37.9 56.9
 65 13.3 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: 43.038 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

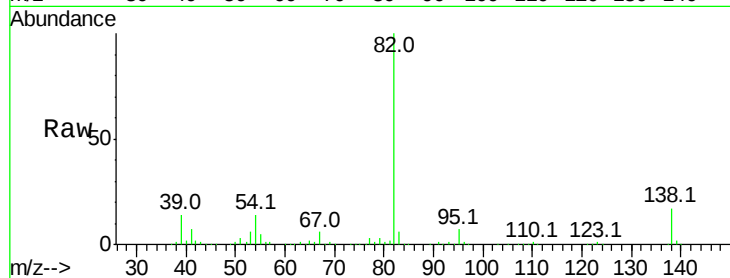
Tot Ion: 82 Resp: 856222

Ion Ratio Lower Upper

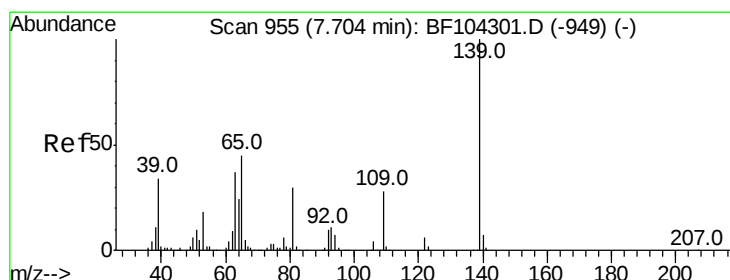
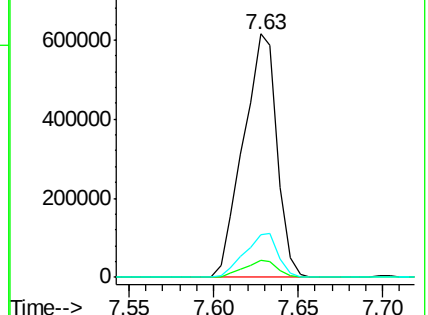
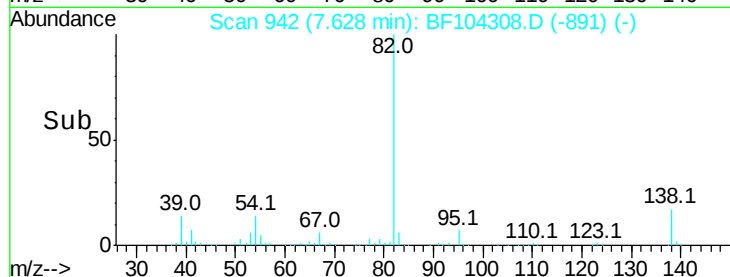
82 100

95 6.9 5.2 7.8

138 17.4 14.9 22.3



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



#26

2-Nitrophenol

Concen: 51.565 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

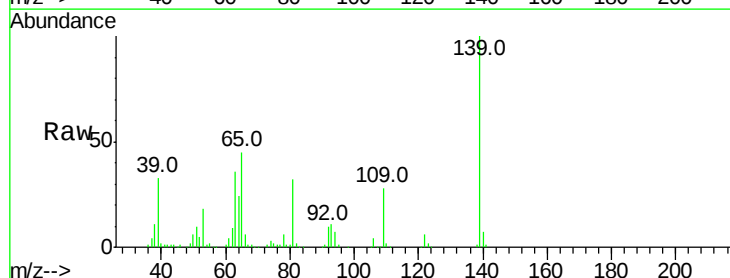
Tgt Ion:139 Resp: 218045

Ion Ratio Lower Upper

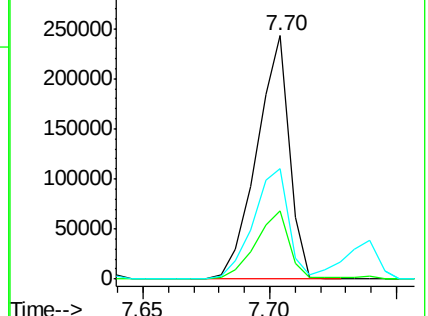
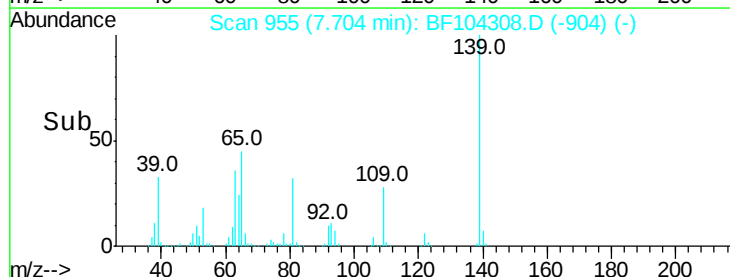
139 100

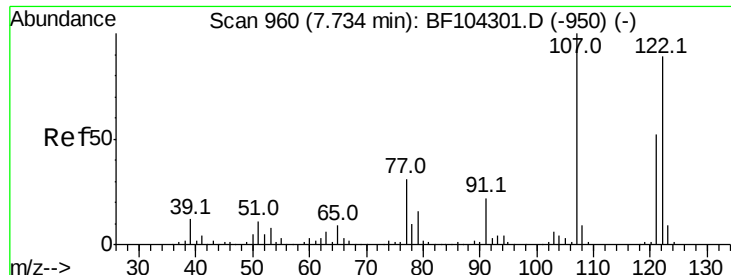
109 28.1 22.7 34.1

65 45.2 40.5 60.7



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

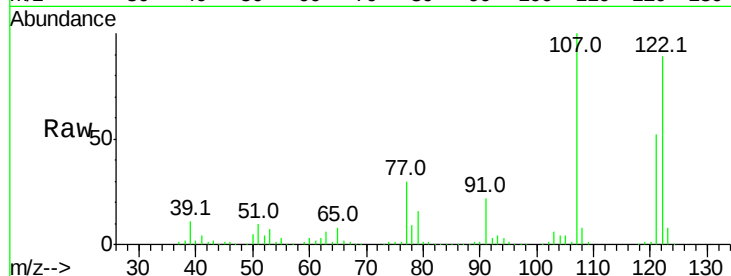




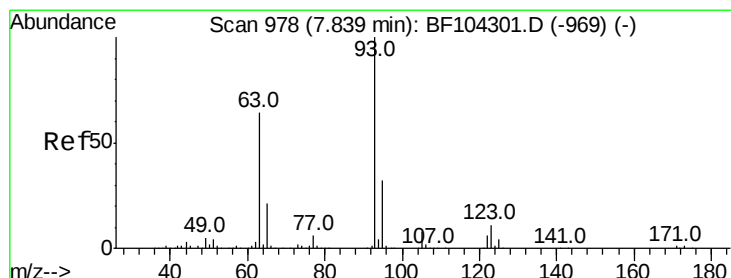
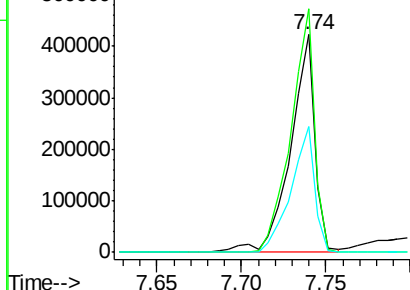
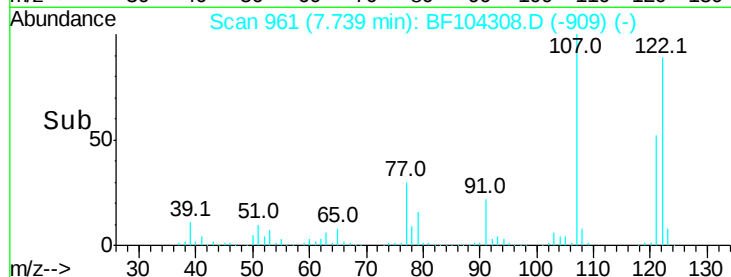
#27
 2,4-Dimethylphenol
 Concen: 48.274 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 423852
 Ion Ratio Lower Upper
 122 100
 107 111.8 91.2 136.8
 121 57.9 47.2 70.8

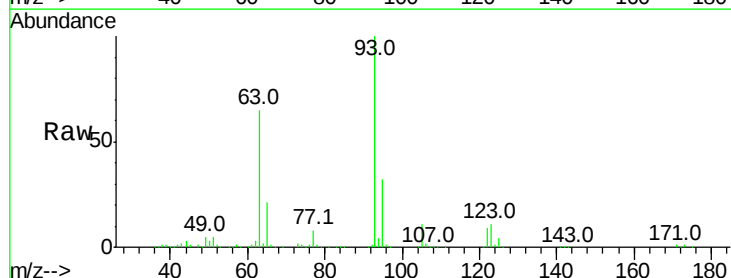


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

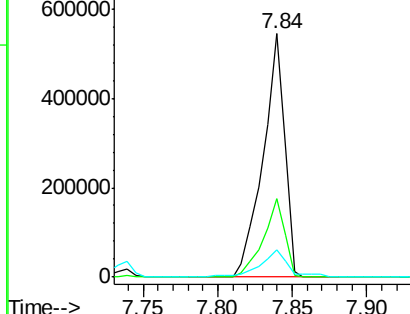
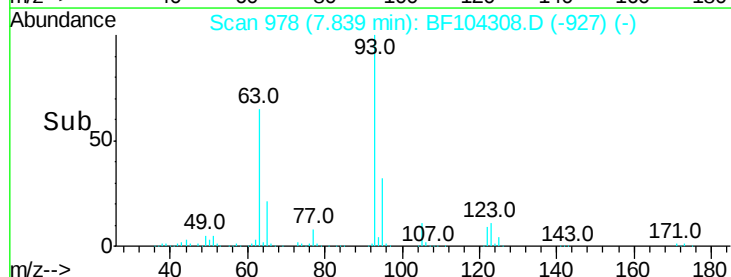


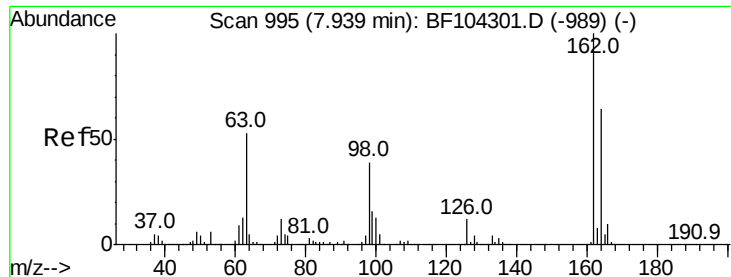
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.379 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion: 93 Resp: 539810
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 11.3 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

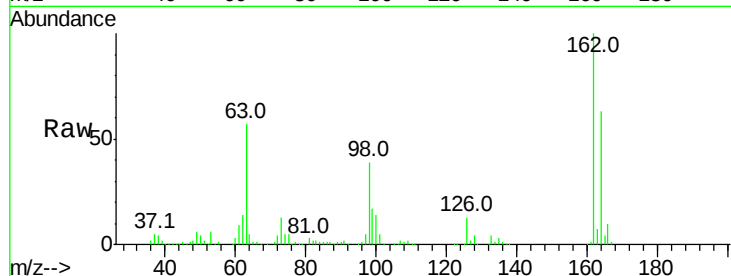




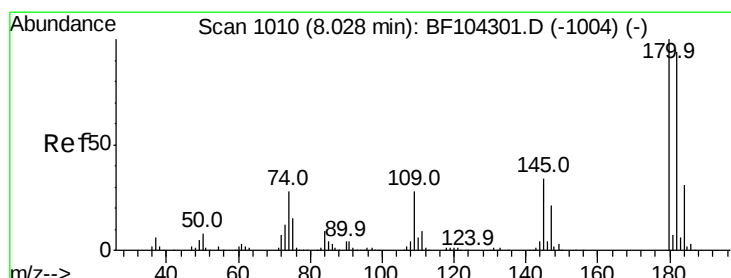
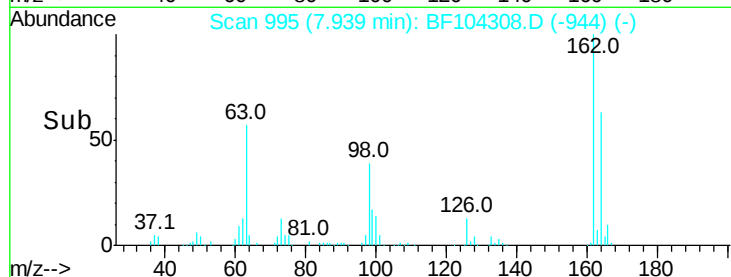
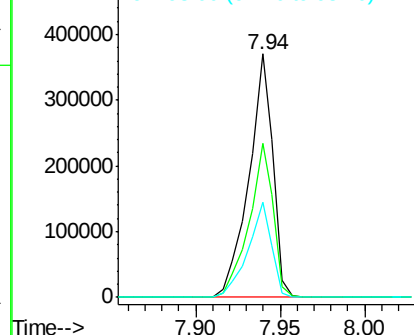
#29
 2,4-Dichlorophenol
 Concen: 43.993 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.7	82.7
98	39.3	18.1	58.1

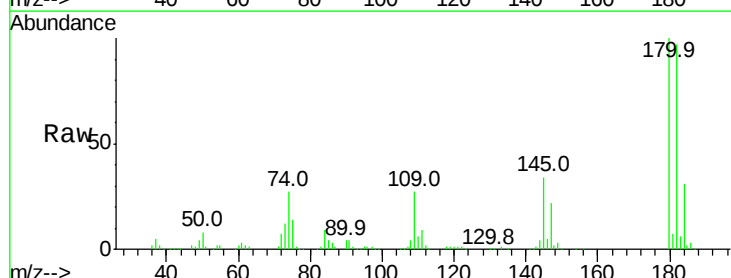


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

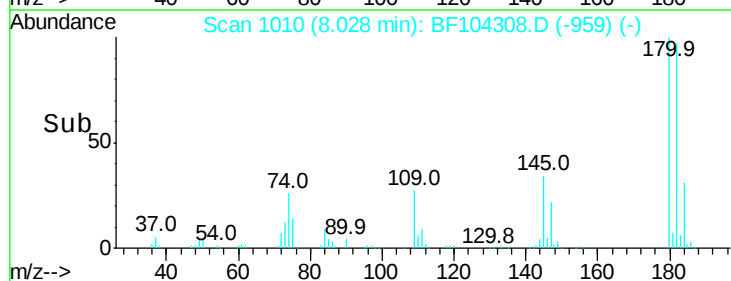
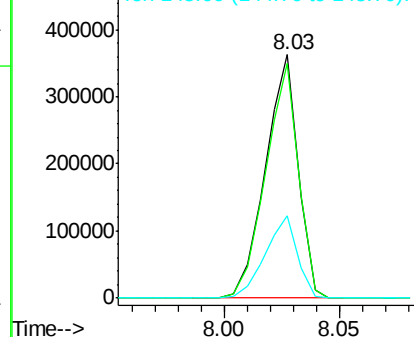


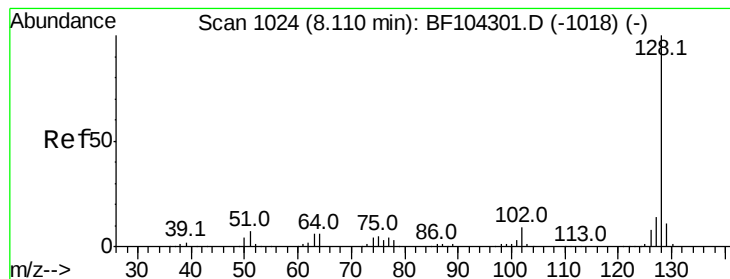
#30
 1,2,4-Trichlorobenzene
 Concen: 38.731 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.8	115.2
145	33.7	26.5	39.7



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





#31

Naphthalene

Concen: 40.363 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

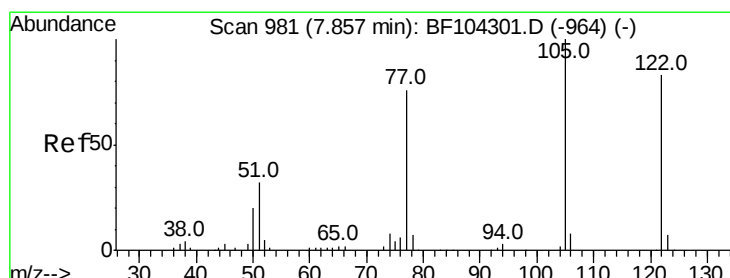
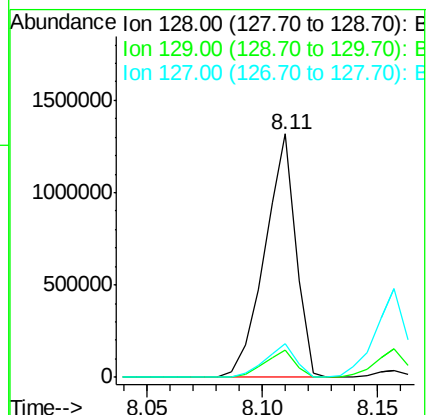
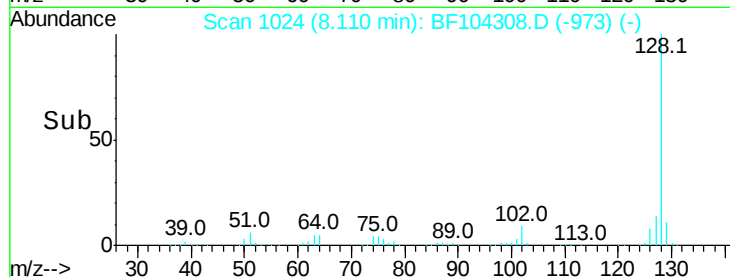
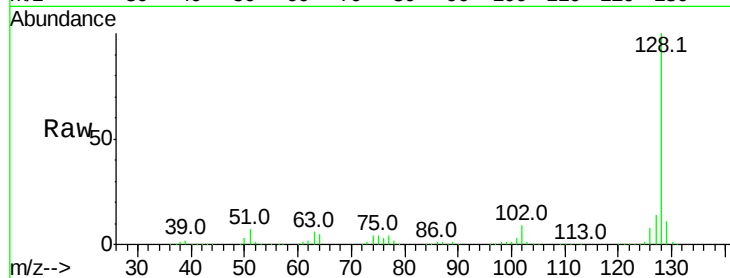
Tot Ion:128 Resp: 1234706

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.8 10.9 16.3



#32

Benzoic acid

Concen: 41.799 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

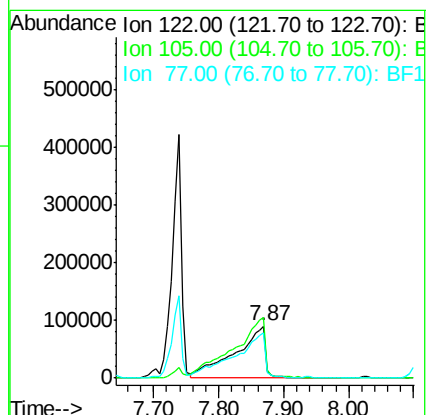
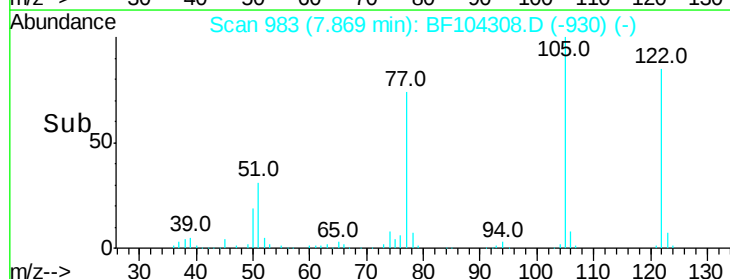
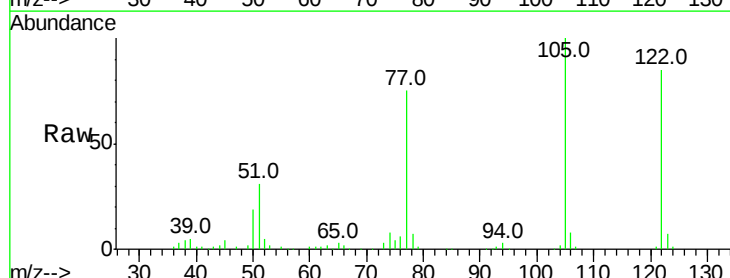
Tgt Ion:122 Resp: 292823

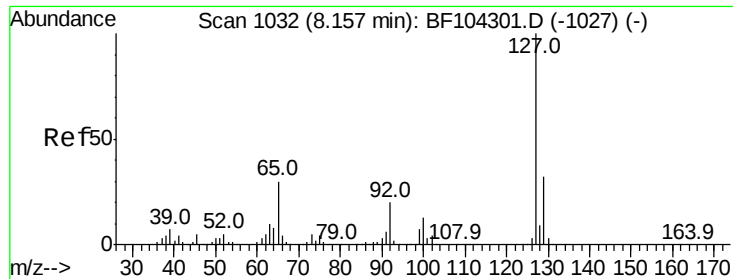
Ion Ratio Lower Upper

122 100

105 117.4 101.1 141.1

77 87.9 70.7 110.7

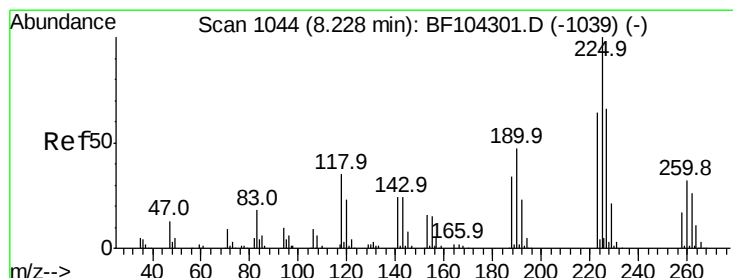
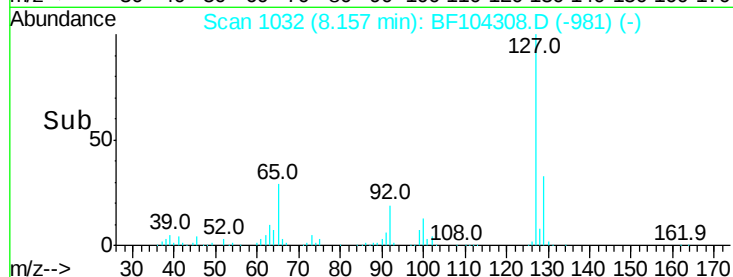
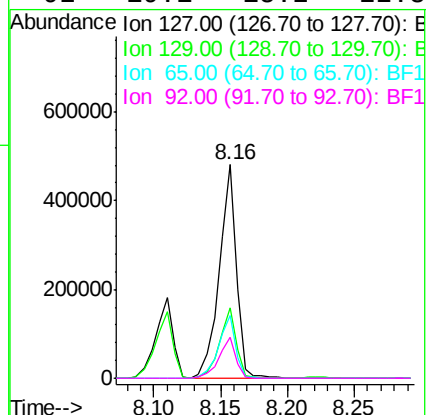
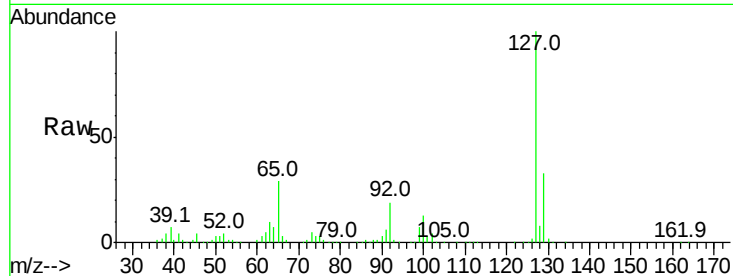




#33
4-Chloroaniline
Concen: 33.364 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

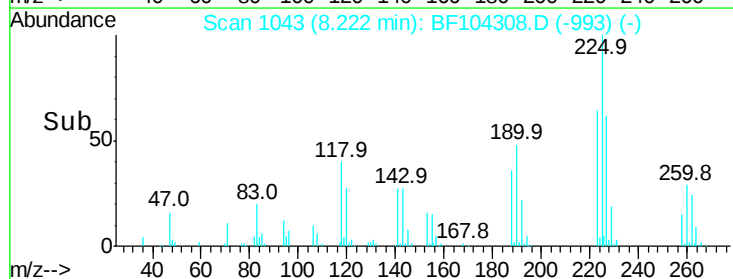
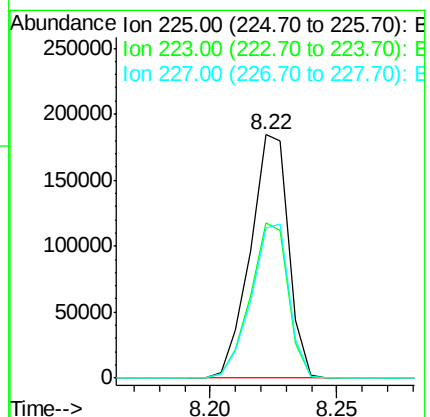
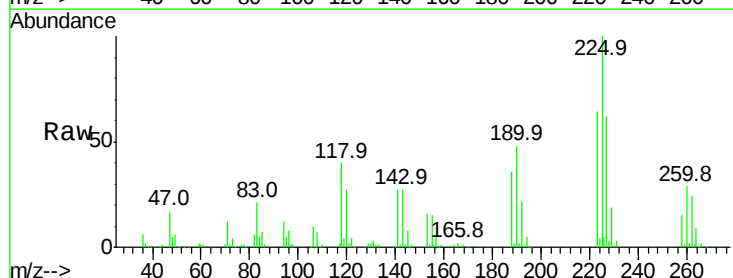
Instrument :
BNA_F
ClientSampleId :

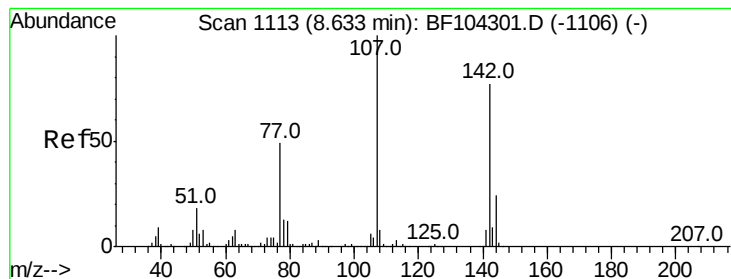
Tot Ion:	127	Resp:	437241
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	29.3	25.0	37.4
92	19.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.406 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion:	225	Resp:	193408
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	61.6	51.9	77.9





#36

4-Chloro-3-methylphenol

Concen: 44.619 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

ClientSampled :

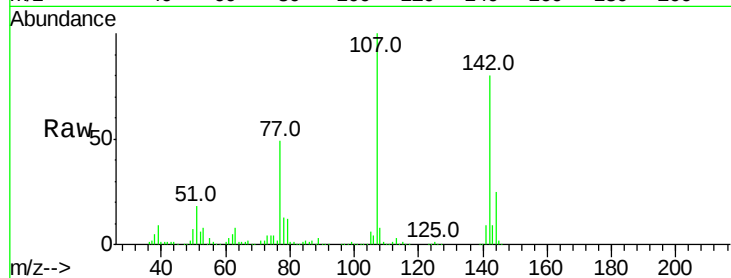
Tot Ion:107 Resp: 400806

Ion Ratio Lower Upper

107 100

144 25.4 20.5 30.7

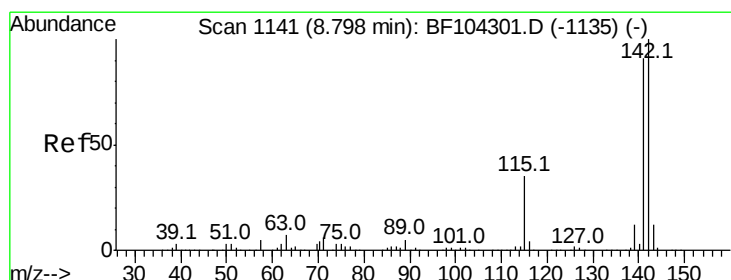
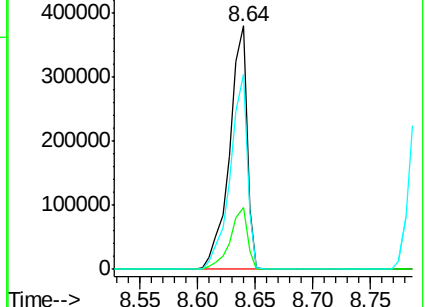
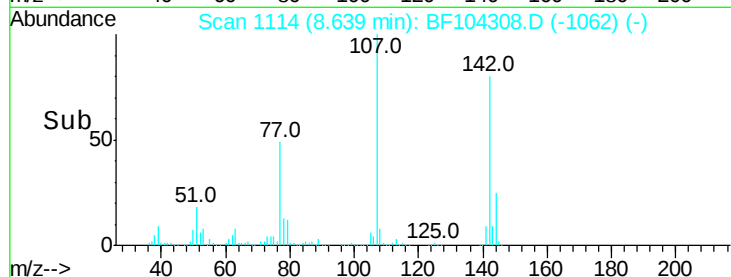
142 79.9 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 41.482 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

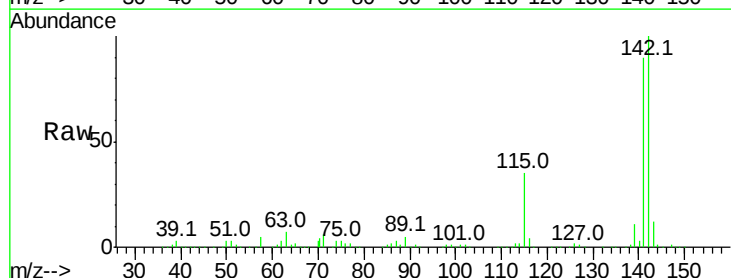
Tgt Ion:142 Resp: 820796

Ion Ratio Lower Upper

142 100

141 90.3 70.8 106.2

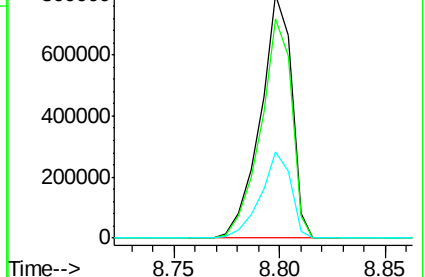
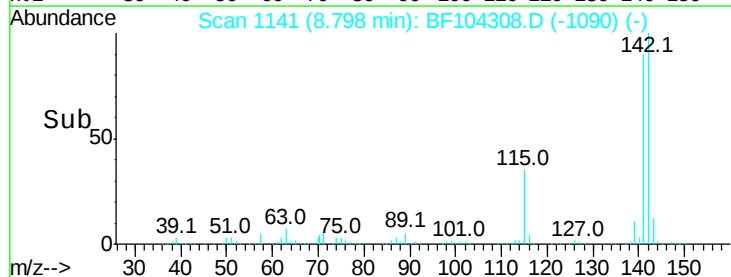
115 35.4 26.1 39.1

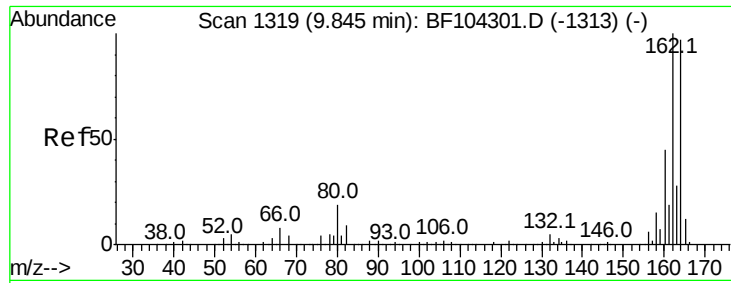


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

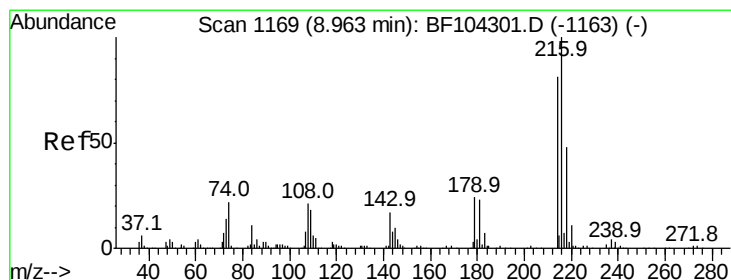
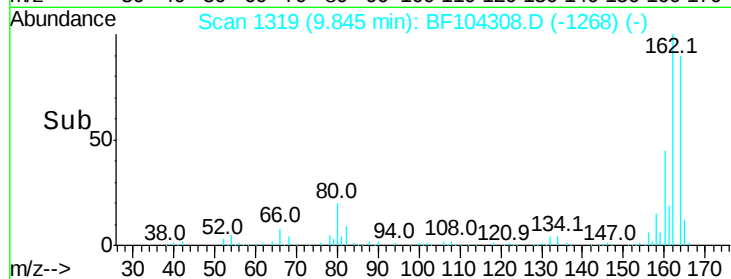
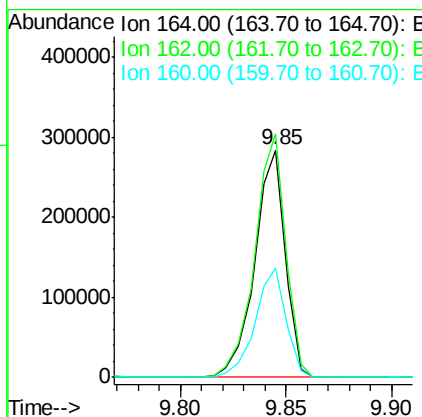
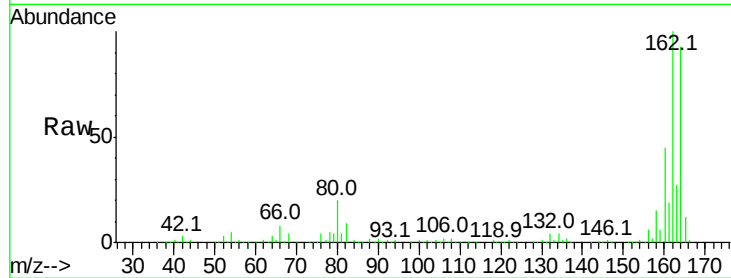




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

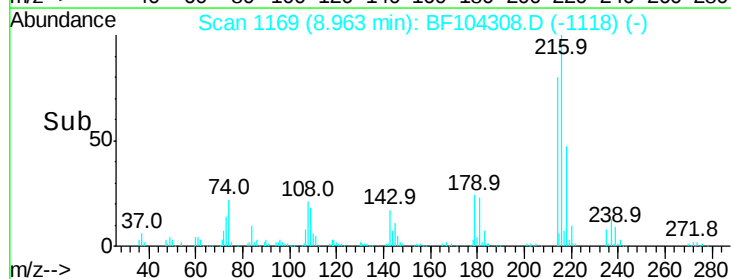
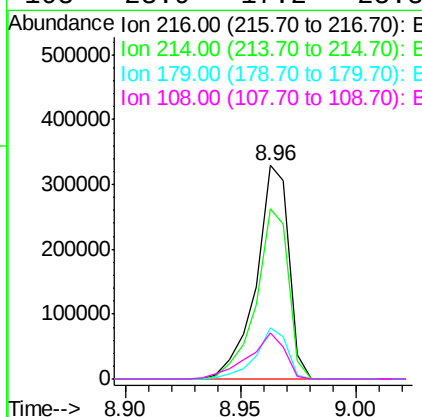
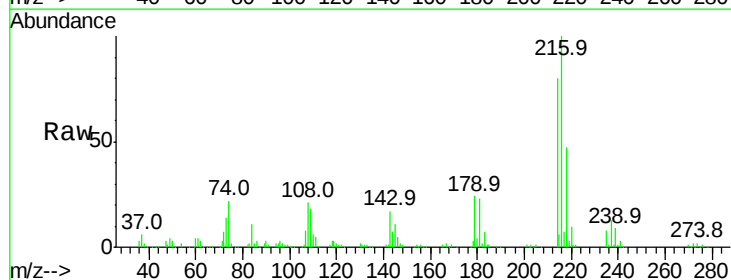
Instrument :
BNA_F
ClientSampleId :

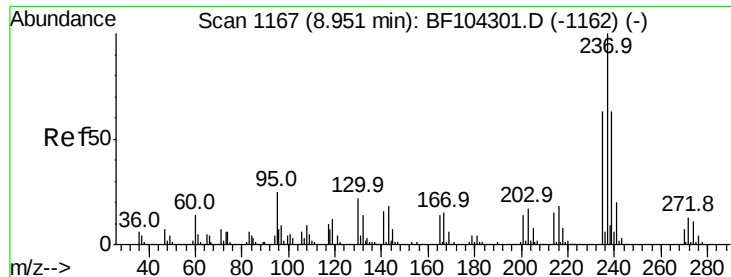
Tot Ion	Ratio	Lower	Upper
164	100		
162	107.1	86.1	129.1
160	47.8	38.3	57.5



#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.715 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	23.0	18.1	27.1
108	23.9	17.2	25.8

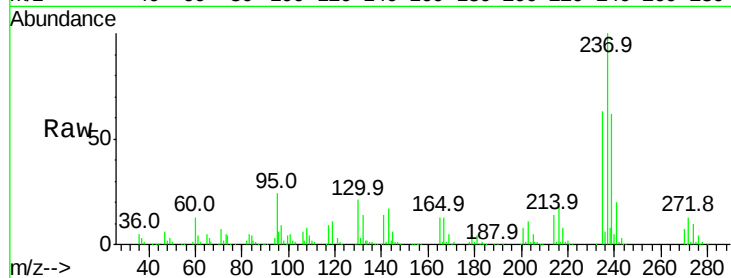




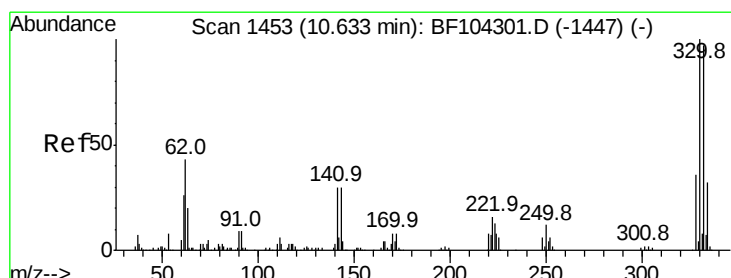
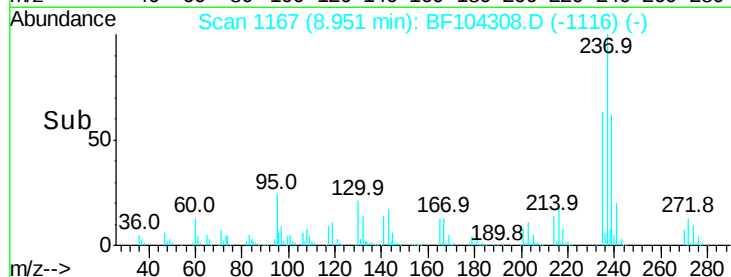
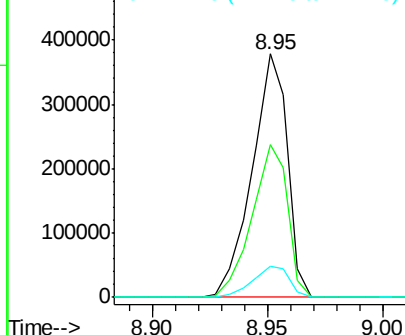
#40
Hexachlorocyclopentadiene
Concen: 88.110 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 403717
Ion Ratio Lower Upper
237 100
235 62.5 44.8 84.8
272 12.8 0.0 33.3

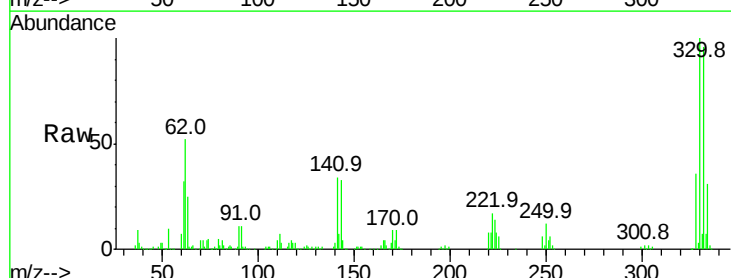


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

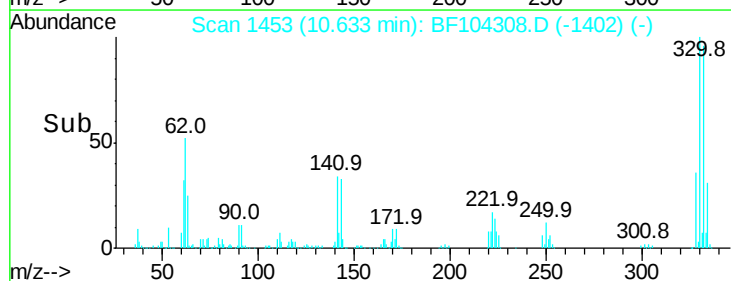
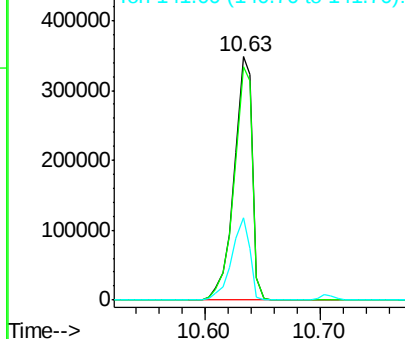


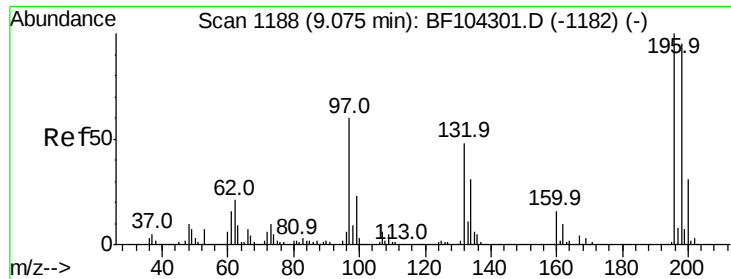
#41
2,4,6-Tribromophenol
Concen: 128.065 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion:330 Resp: 379822
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 33.8 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

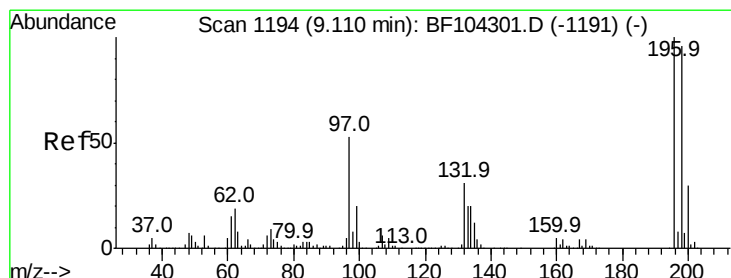
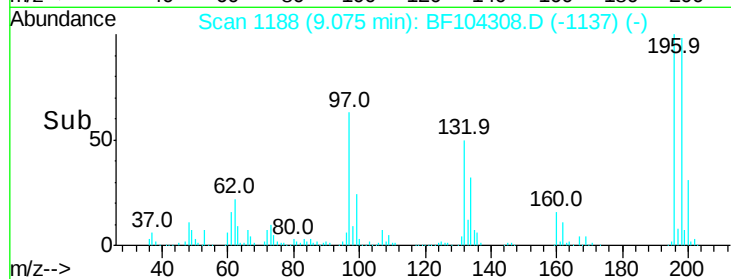
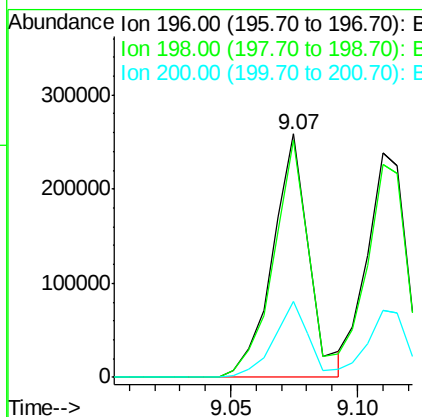
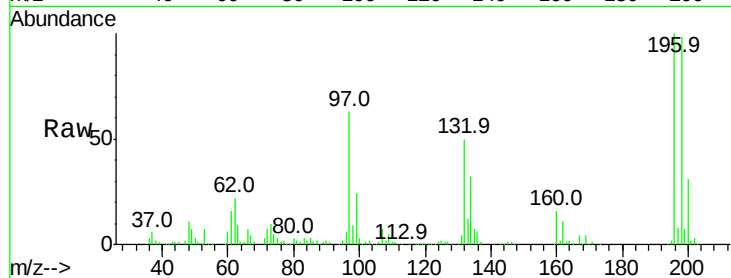




#42
 2,4,6-Trichlorophenol
 Concen: 45.606 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

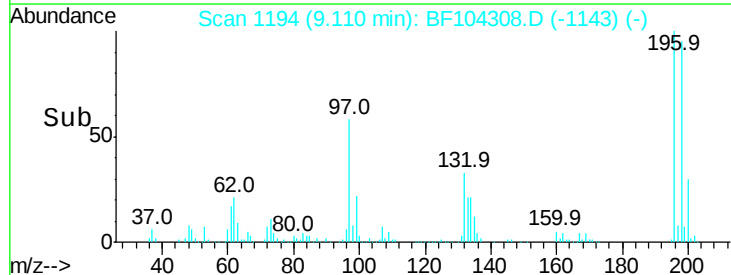
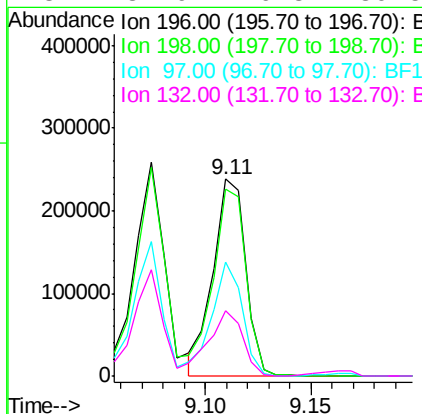
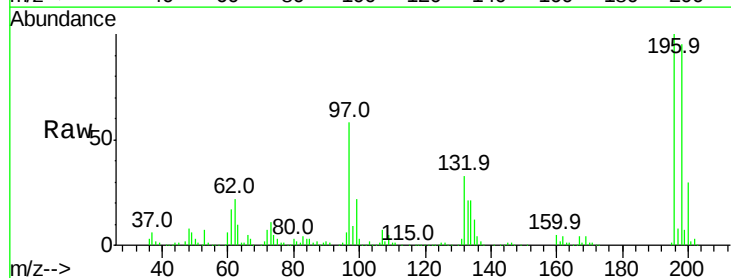
Instrument :
 BNA_F
 ClientSampled :

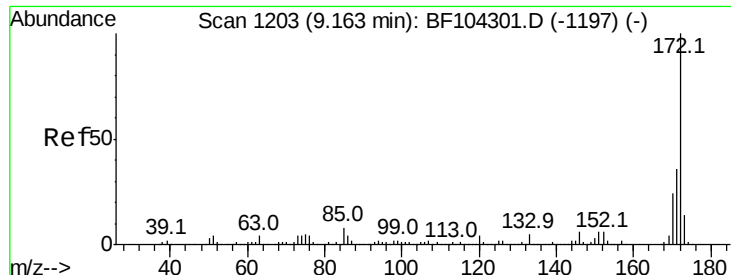
Tot Ion	Ratio	Resp	Lower	Upper
196	100	259110		
198	97.6	75.7	113.5	
200	31.1	24.5	36.7	



#43
 2,4,5-Trichlorophenol
 Concen: 40.348 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	256528		
198	94.8	74.6	112.0	
97	57.9	42.9	64.3	
132	32.9	26.3	39.5	

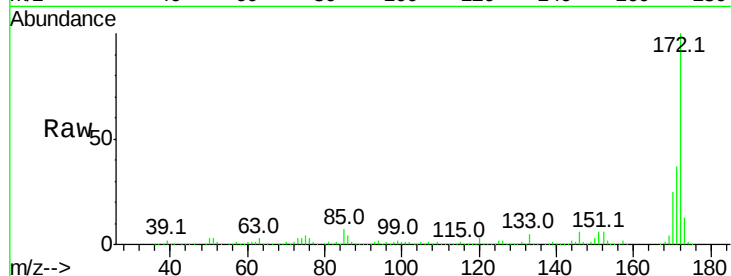




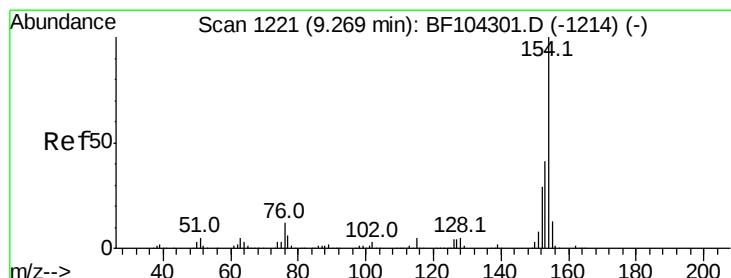
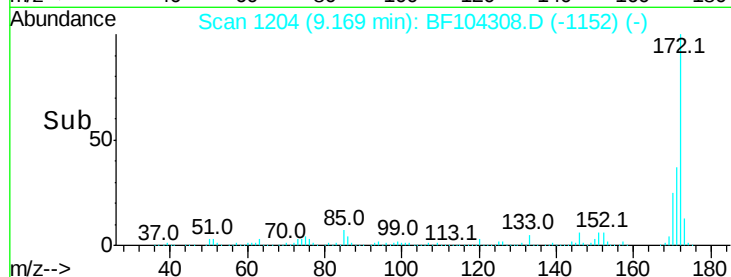
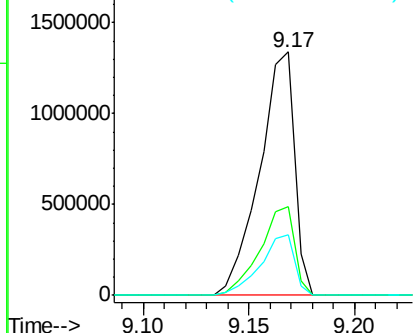
#44
 2-Fluorobiphenyl
 Concen: 85.366 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1545005
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.6 19.6 29.4

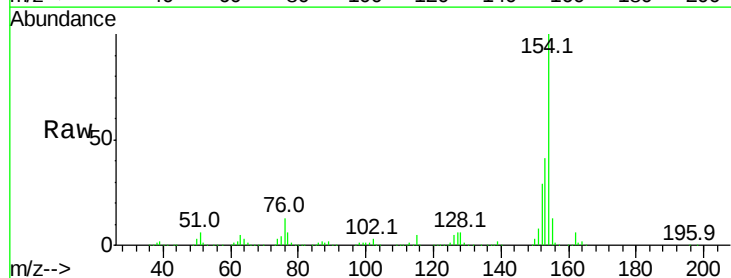


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

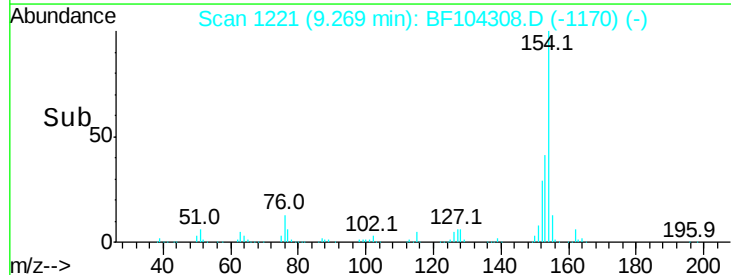
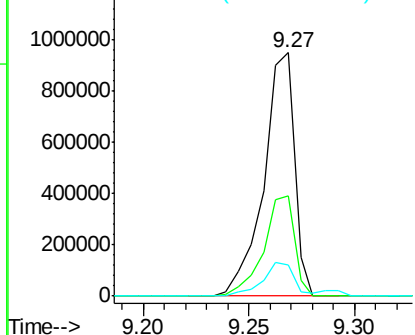


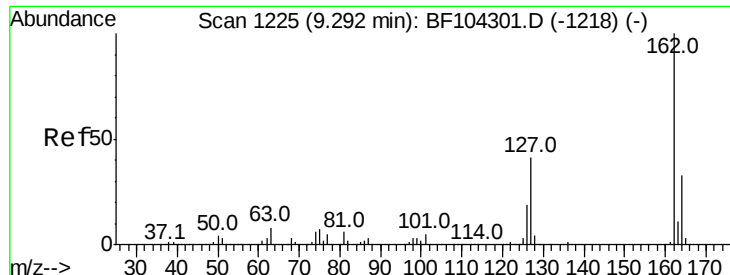
#45
 1,1'-Biphenyl
 Concen: 40.221 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion:154 Resp: 966062
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.3 61.3
 76 12.6 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

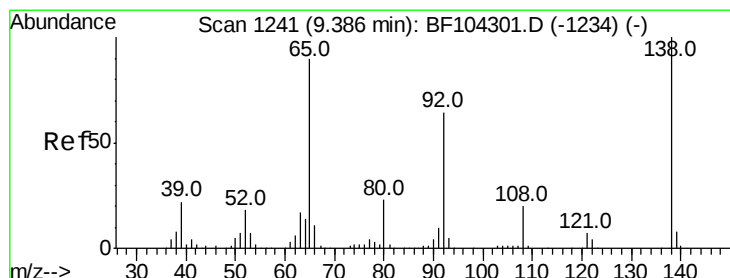
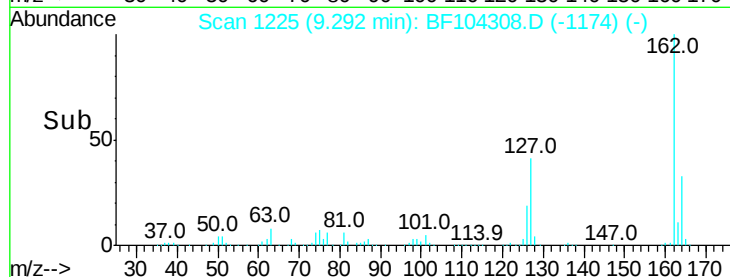
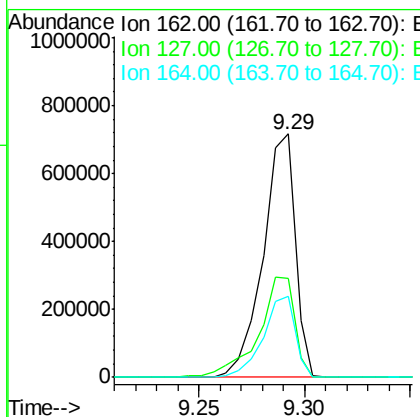
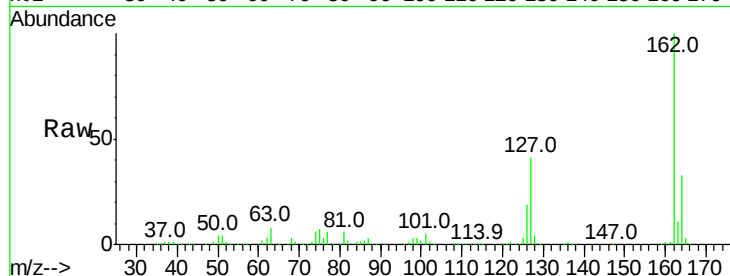




#46
2-Chloronaphthalene
Concen: 40.143 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

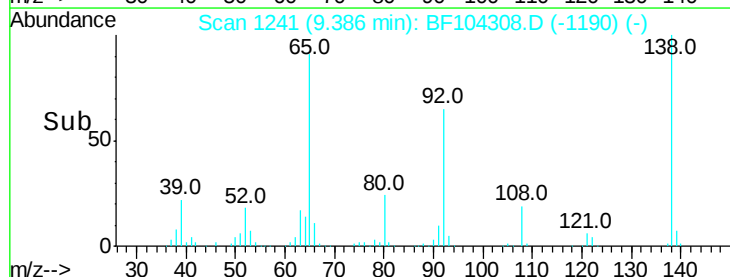
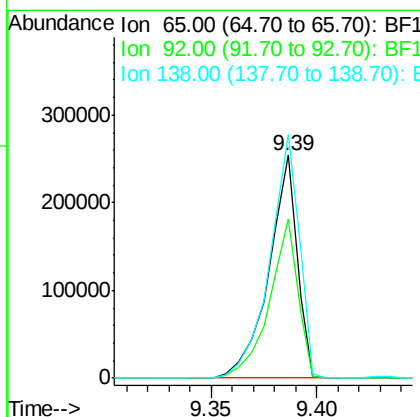
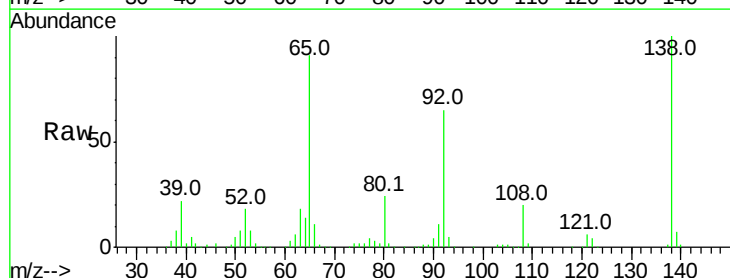
Instrument :
BNA_F
ClientSampleId :

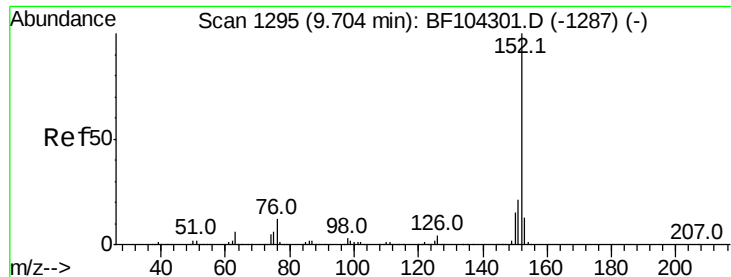
Tot Ion:162 Resp: 761588
Ion Ratio Lower Upper
162 100
127 40.5 33.9 50.9
164 33.1 26.5 39.7



#47
2-Nitroaniline
Concen: 50.360 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion: 65 Resp: 236275
Ion Ratio Lower Upper
65 100
92 71.3 55.8 83.6
138 109.3 91.2 136.8

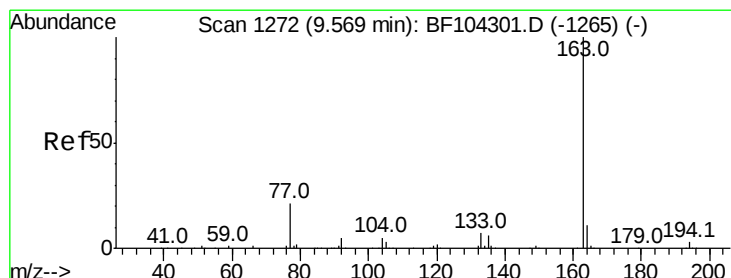
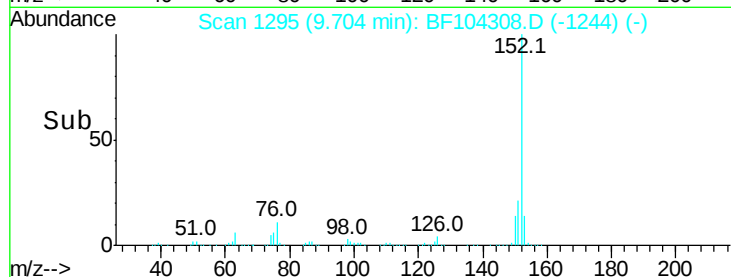
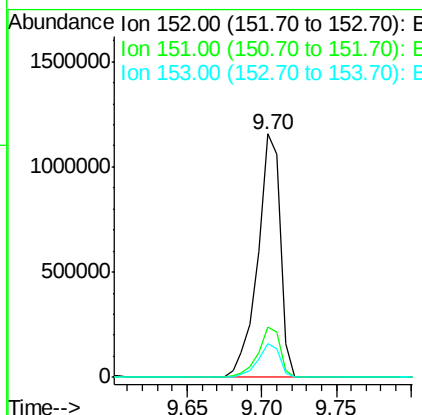
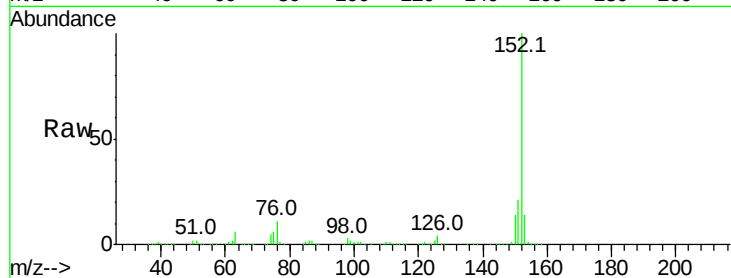




#48
Acenaphthylene
Concen: 40.070 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

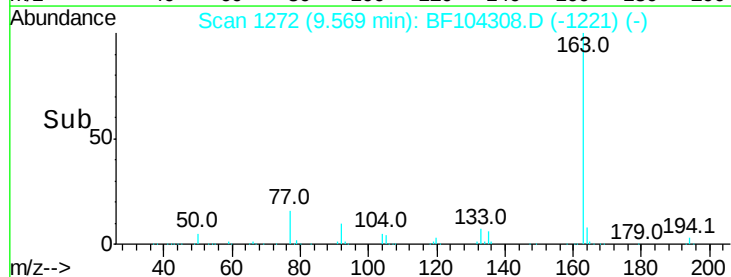
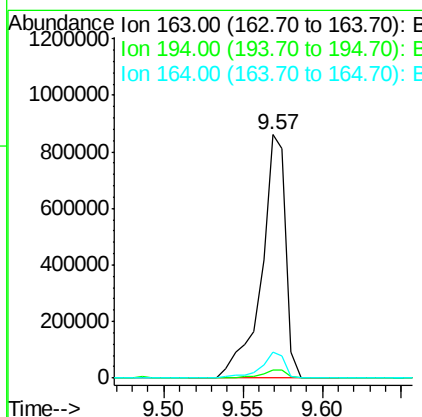
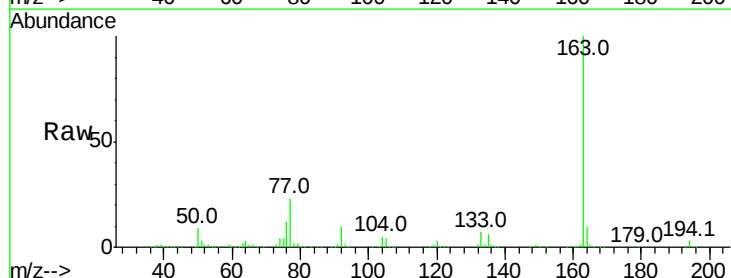
Instrument :
BNA_F
ClientSampleId :

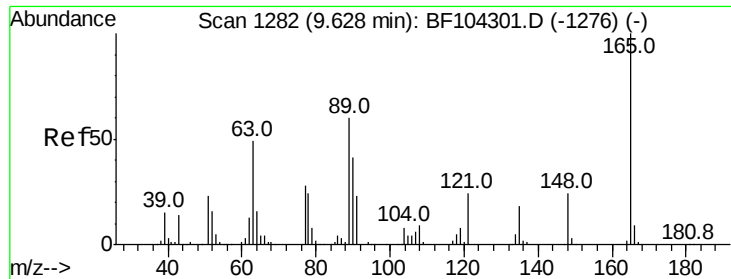
Tot Ion:152 Resp: 1192710
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.6 10.7 16.1



#49
Dimethylphthalate
Concen: 40.638 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion:163 Resp: 916236
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.5 8.2 12.2

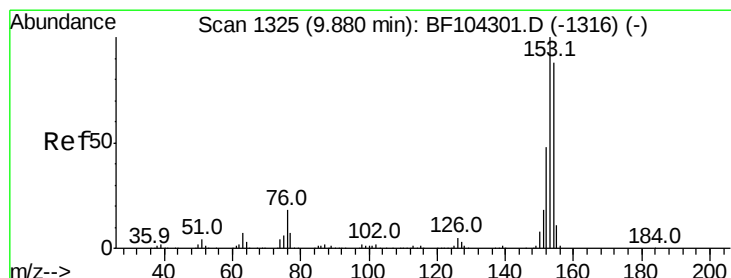
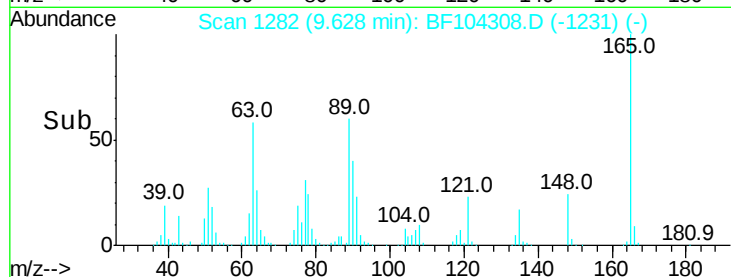
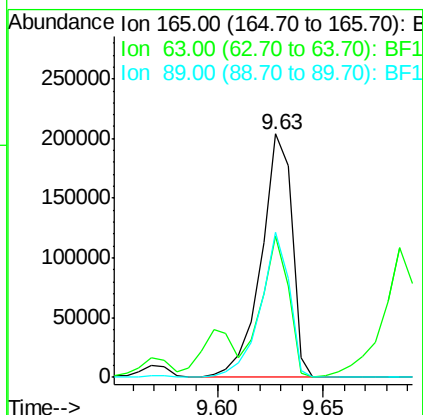
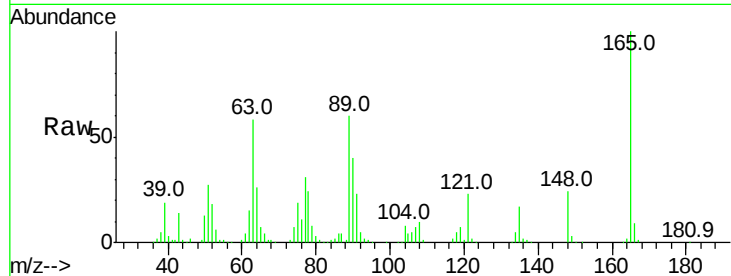




#50
 2,6-Dinitrotoluene
 Concen: 49.512 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

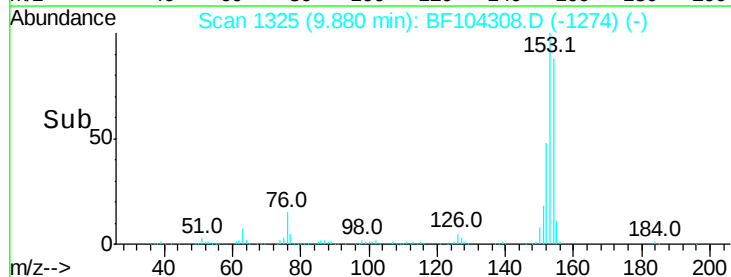
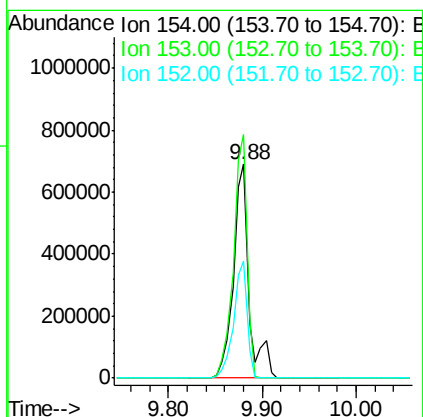
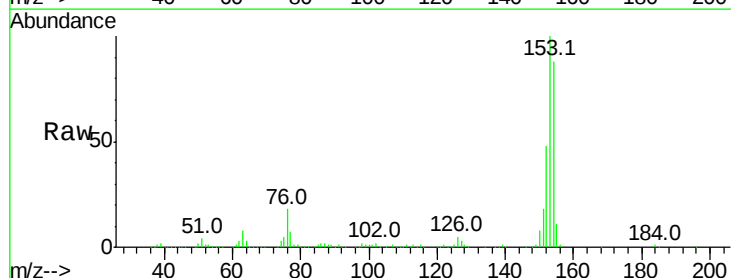
Instrument :
 BNA_F
 ClientSampleId :

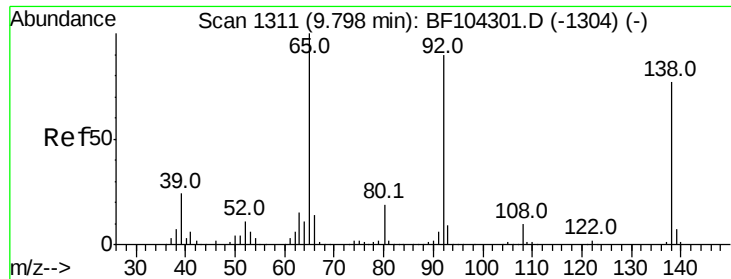
Tot Ion:165 Resp: 206562
 Ion Ratio Lower Upper
 165 100
 63 57.8 44.7 67.1
 89 59.8 44.0 66.0



#51
 Acenaphthene
 Concen: 43.825 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion:154 Resp: 795926
 Ion Ratio Lower Upper
 154 100
 153 113.7 91.2 136.8
 152 54.7 43.8 65.8

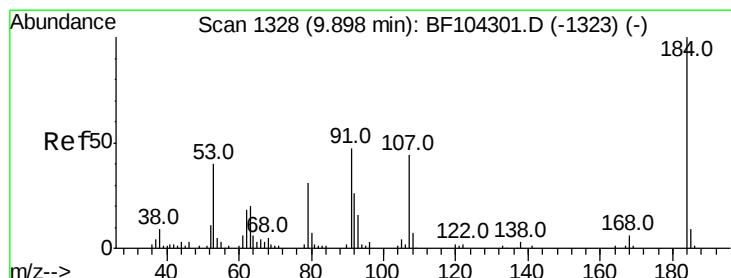
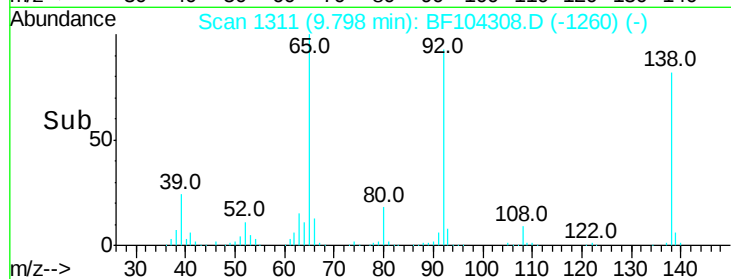
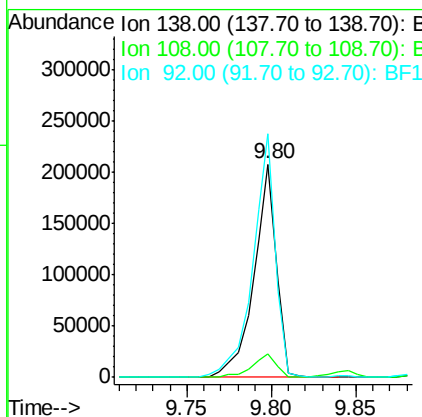
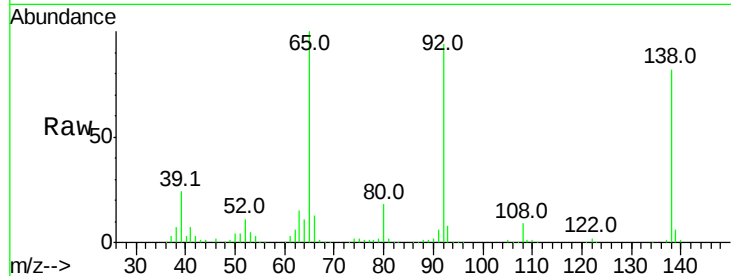




#52
 3-Nitroaniline
 Concen: 39.566 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

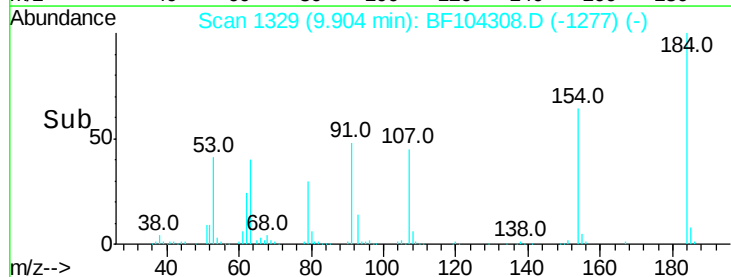
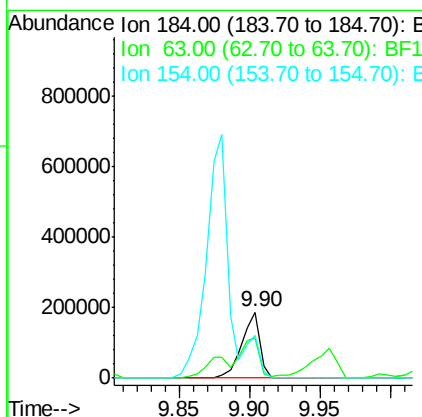
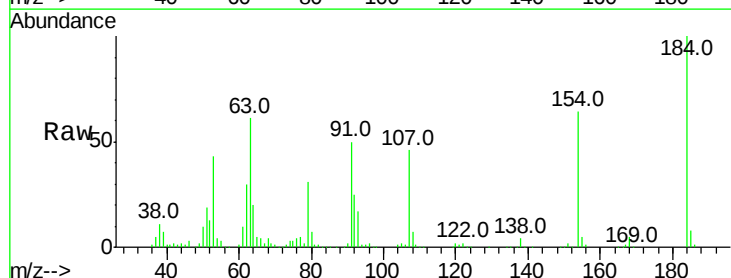
Instrument :
 BNA_F
 ClientSampleId :

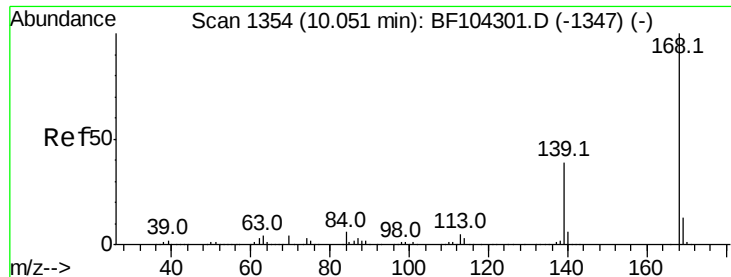
Tot Ion:138 Resp: 193247
 Ion Ratio Lower Upper
 138 100
 108 11.1 9.4 14.0
 92 114.1 89.4 134.2



#53
 2,4-Dinitrophenol
 Concen: 91.207 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion:184 Resp: 167981
 Ion Ratio Lower Upper
 184 100
 63 60.8 54.2 81.2
 154 63.7 184.0 276.0#





#54

Dibenzofuran

Concen: 42.272 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

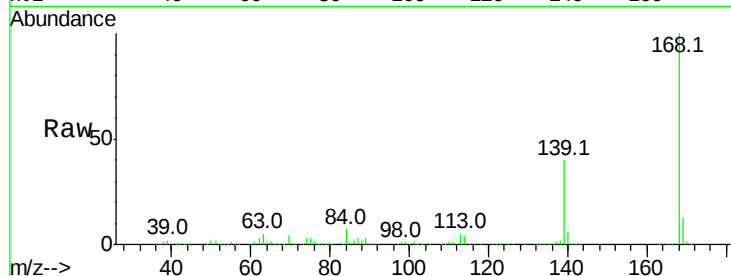
Tot Ion:168 Resp: 1069892

Ion Ratio Lower Upper

168 100

139 39.7 30.1 45.1

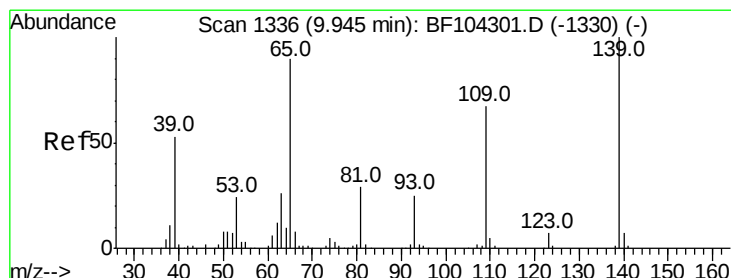
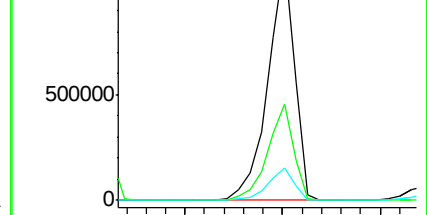
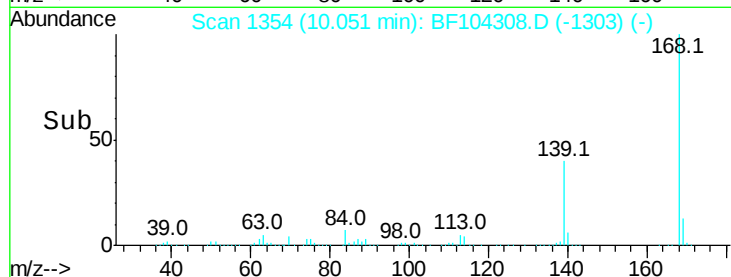
169 13.4 10.9 16.3



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: 102.073 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

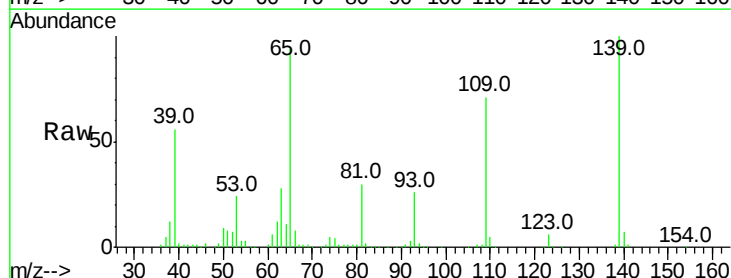
Tgt Ion:139 Resp: 391617

Ion Ratio Lower Upper

139 100

109 70.6 48.4 88.4

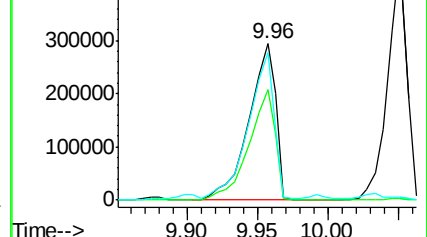
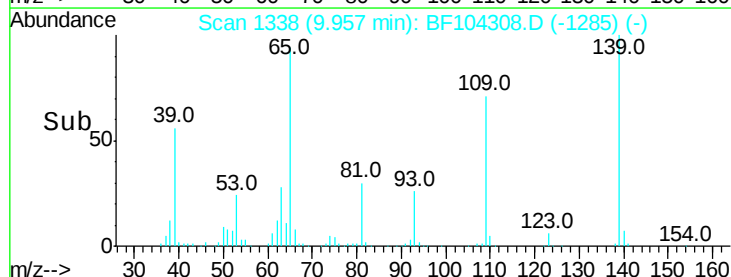
65 94.5 72.6 112.6

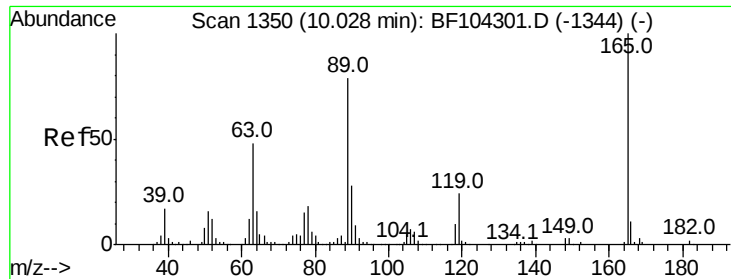


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

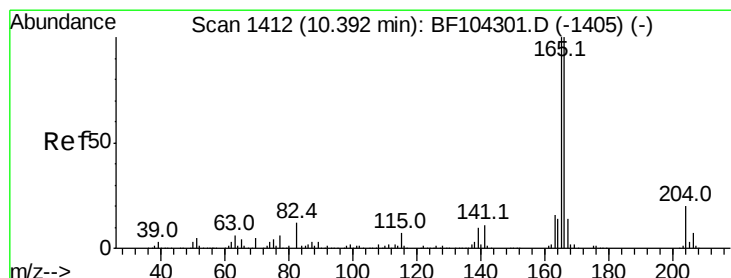
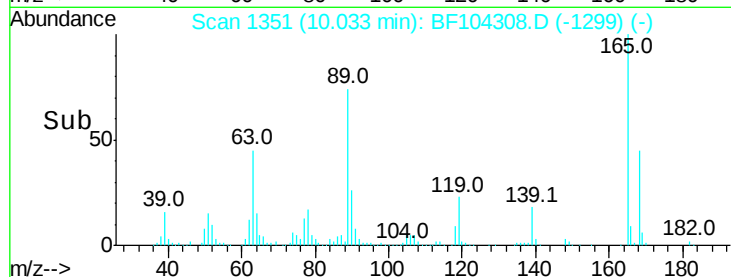
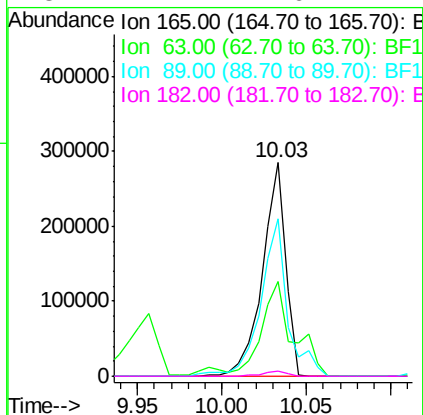
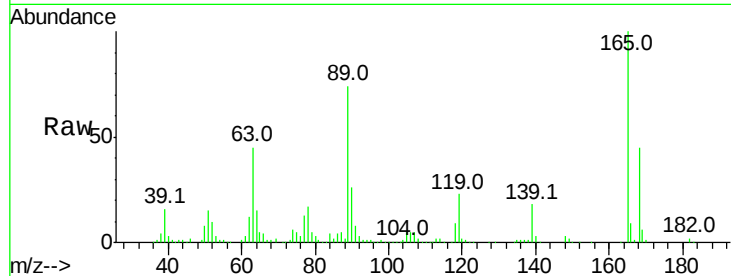




#56
2,4-Dinitrotoluene
Concen: 49.759 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

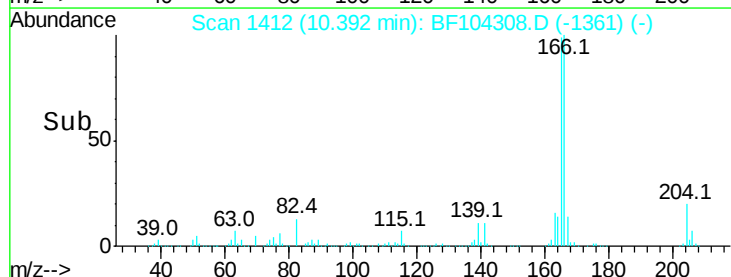
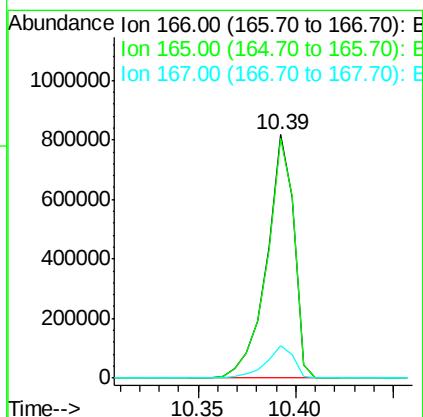
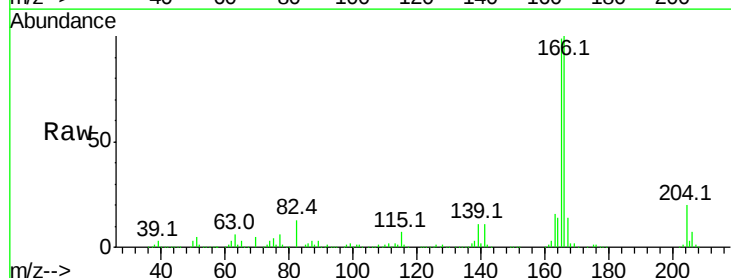
Instrument :
BNA_F
ClientSampleId :

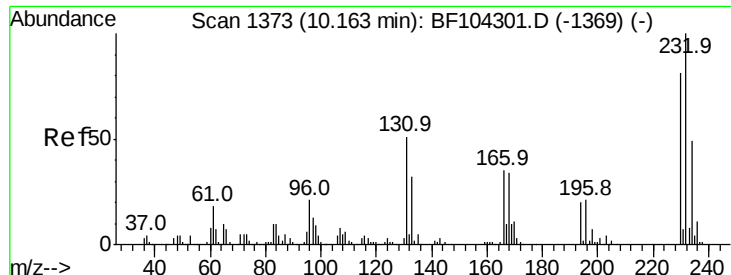
Tot Ion:	165	Resp:	272301
Ion	Ratio	Lower	Upper
165	100		
63	44.6	36.4	54.6
89	73.8	57.8	86.6
182	2.2	1.6	2.4



#57
Fluorene
Concen: 42.531 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion:	166	Resp:	783512
Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	13.5	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 46.265 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 219445

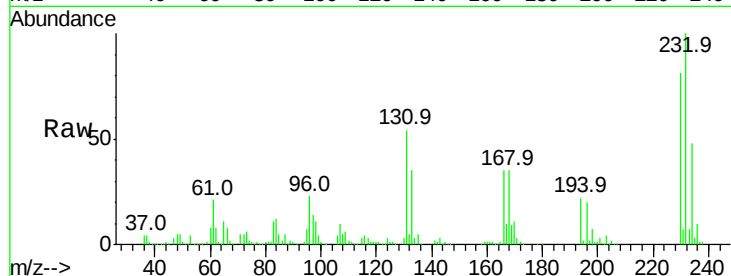
Ion Ratio Lower Upper

232 100

131 52.1 43.8 65.8

130 2.5 2.1 3.1

166 34.1 27.8 41.6

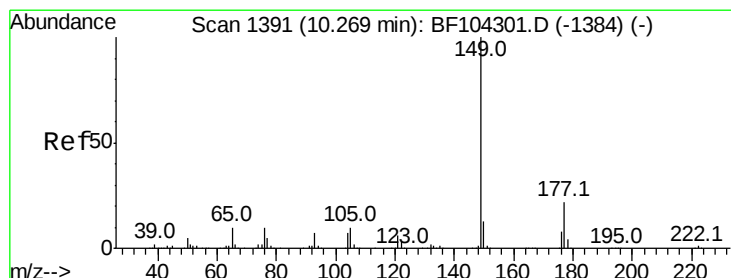
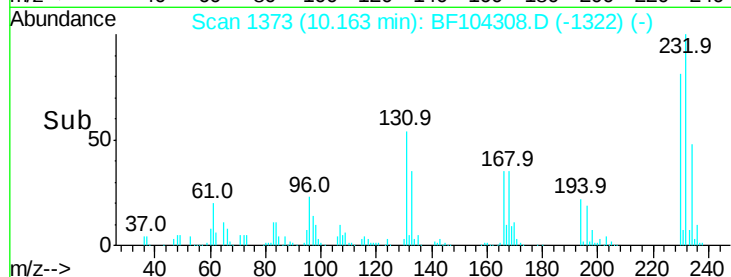
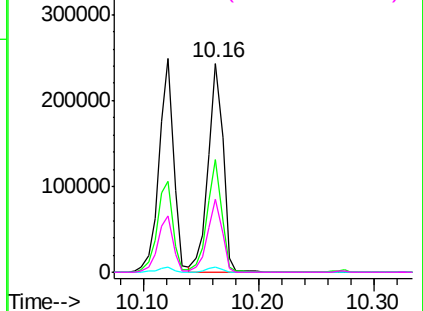


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 41.345 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.01 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

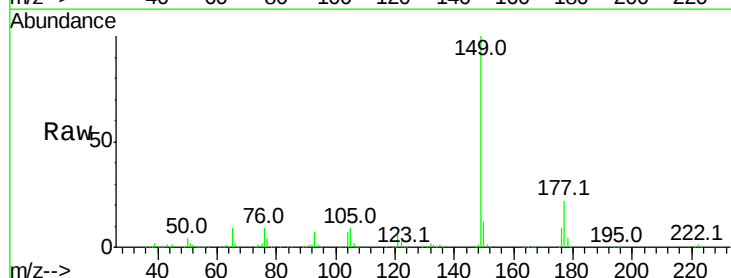
Tgt Ion:149 Resp: 928397

Ion Ratio Lower Upper

149 100

177 21.7 16.1 24.1

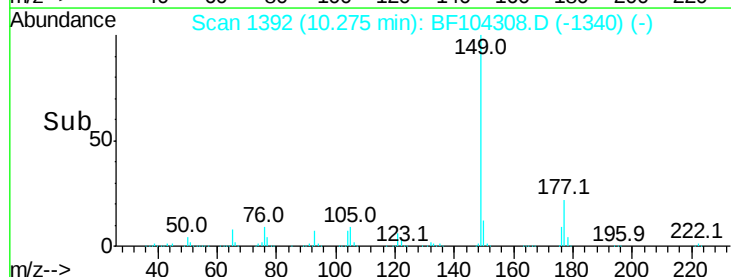
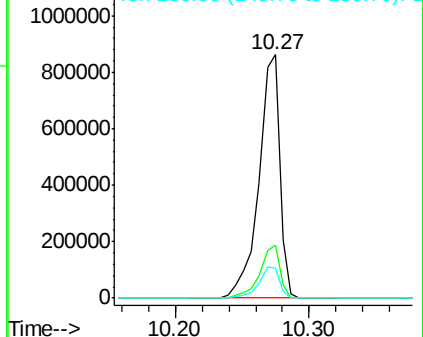
150 12.4 10.1 15.1

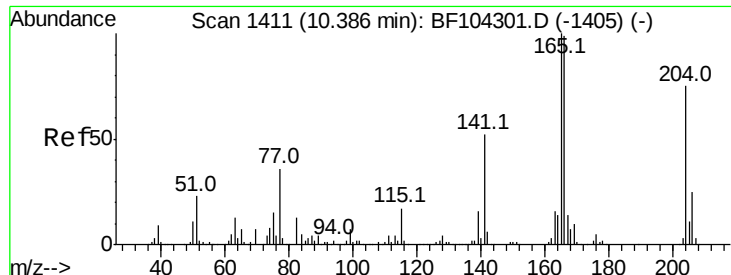


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

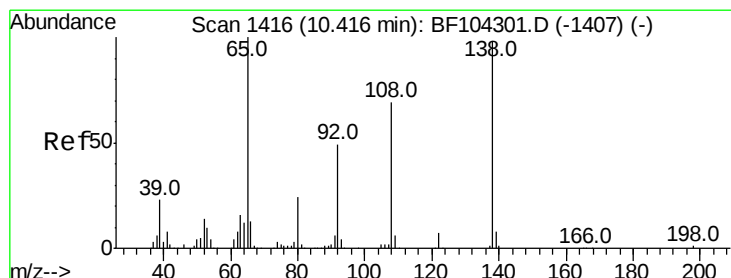
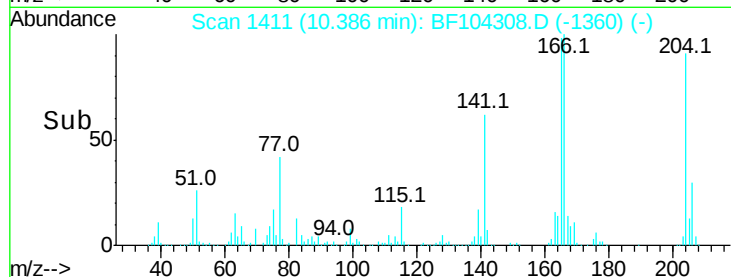
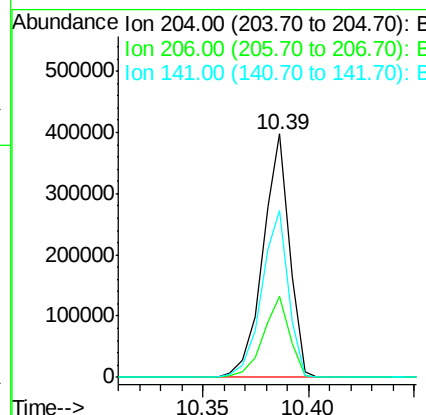
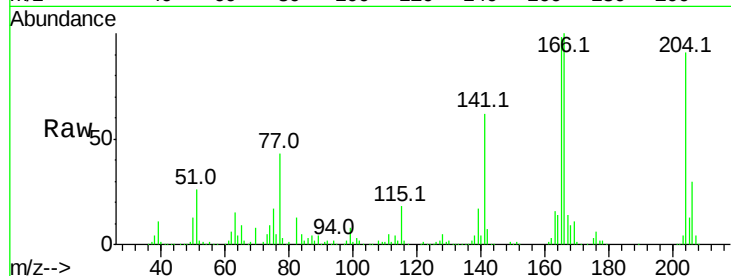




#60
 4-Chlorophenyl-phenylether
 Concen: 42.138 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

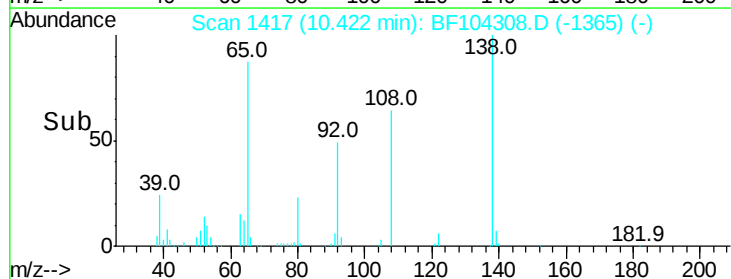
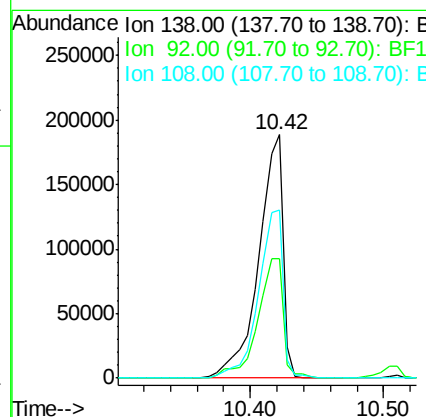
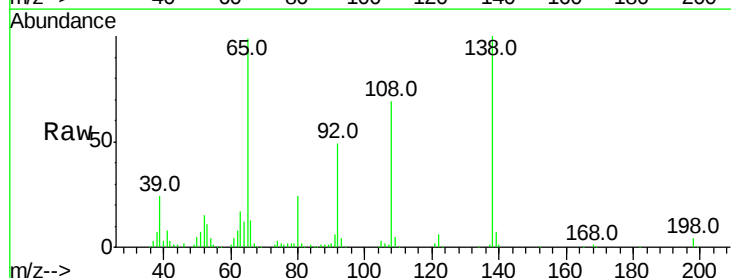
Instrument :
 BNA_F
 ClientSampleId :

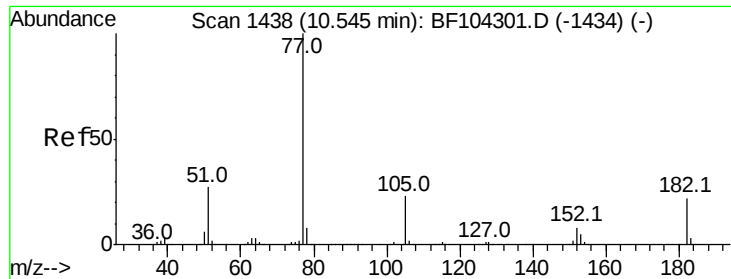
Tot Ion:204 Resp: 345716
 Ion Ratio Lower Upper
 204 100
 206 33.3 26.5 39.7
 141 68.8 54.6 81.8



#61
 4-Nitroaniline
 Concen: 49.390 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion:138 Resp: 235864
 Ion Ratio Lower Upper
 138 100
 92 48.8 30.2 70.2
 108 69.1 52.5 92.5

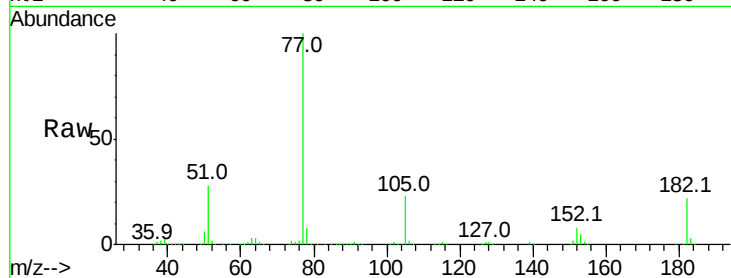




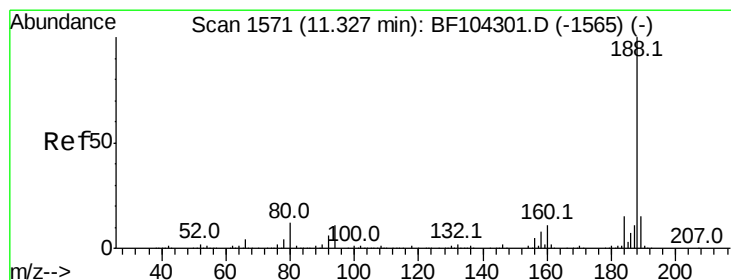
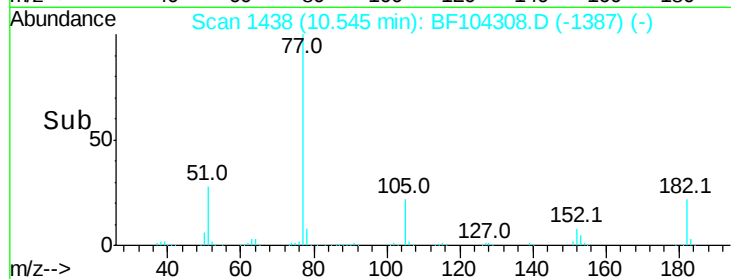
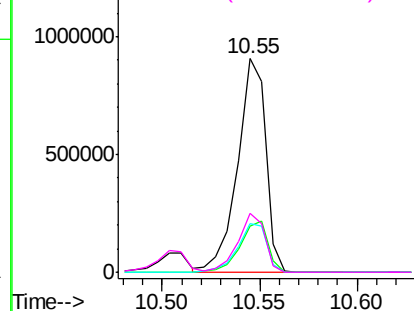
#62
Azobenzene
Concen: 42.380 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.8	1.7	41.7
105	22.8	3.0	43.0
51	27.7	9.9	49.9

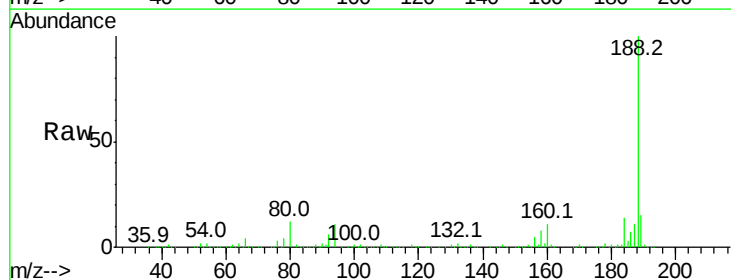


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

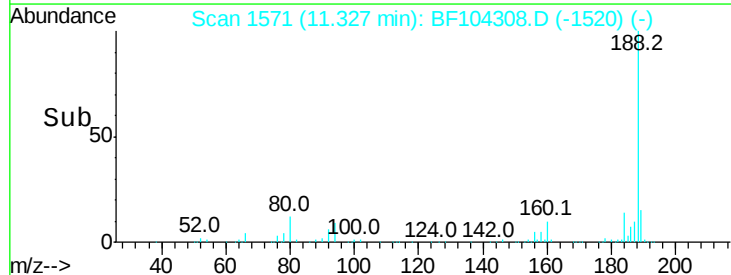
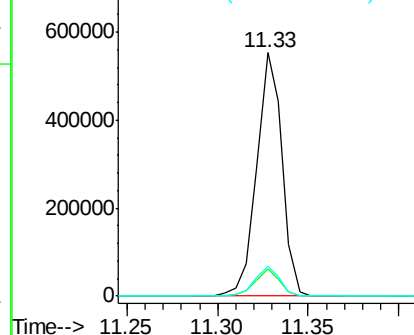


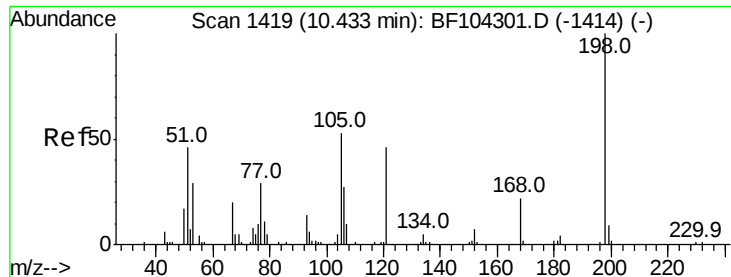
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.4	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

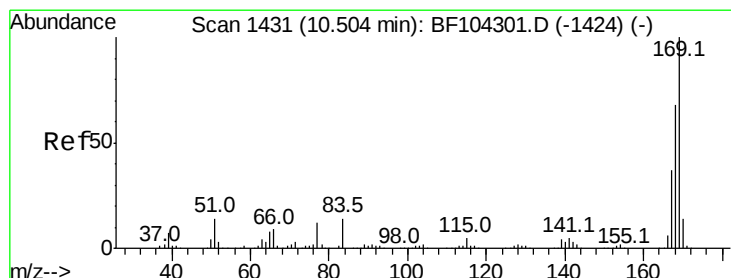
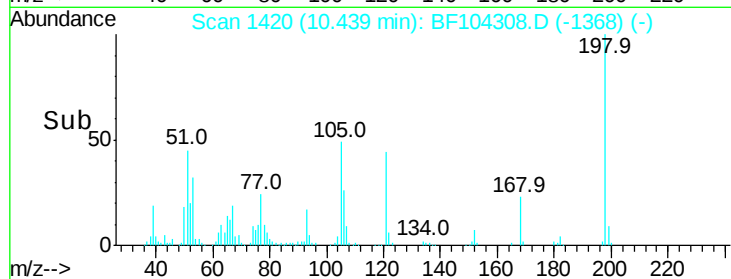
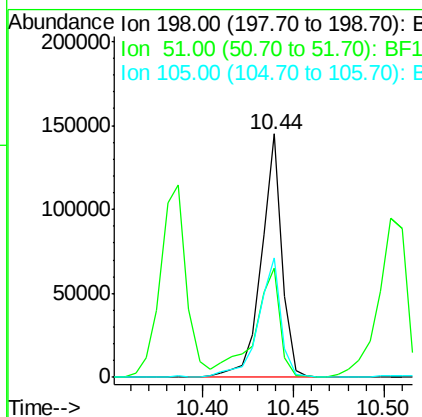
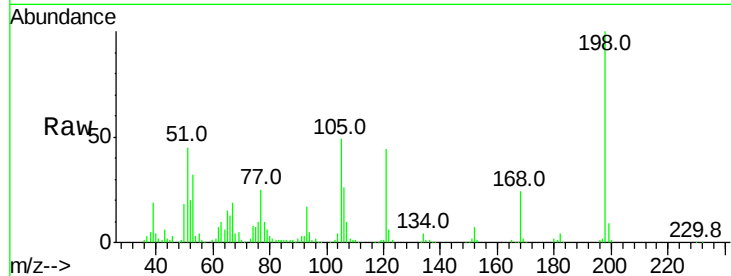




#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.504 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

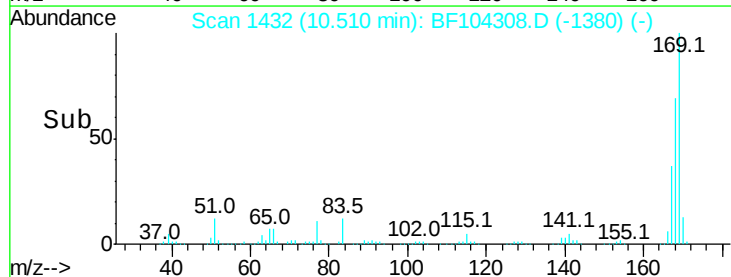
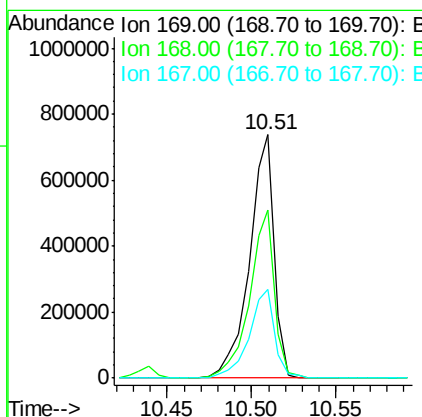
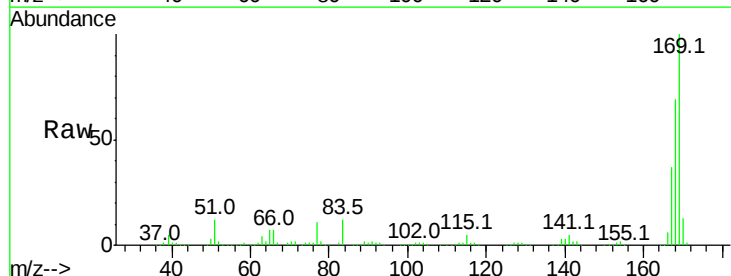
Instrument :
 BNA_F
 ClientSampled :

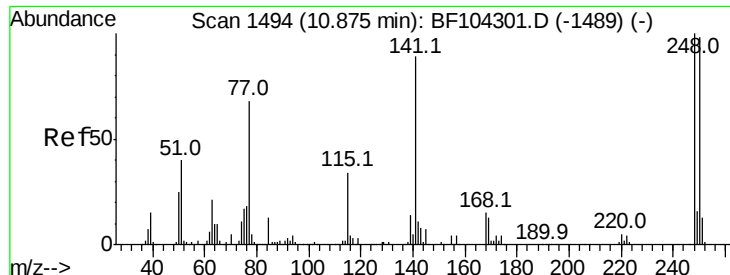
Tot Ion:198 Resp: 114350
 Ion Ratio Lower Upper
 198 100
 51 44.8 37.7 77.7
 105 48.9 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 40.550 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion:169 Resp: 752454
 Ion Ratio Lower Upper
 169 100
 168 69.0 54.4 81.6
 167 36.6 29.8 44.6

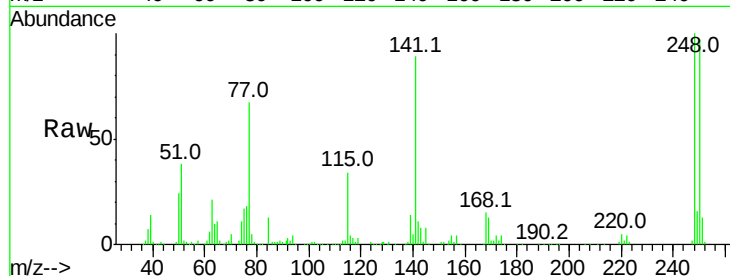




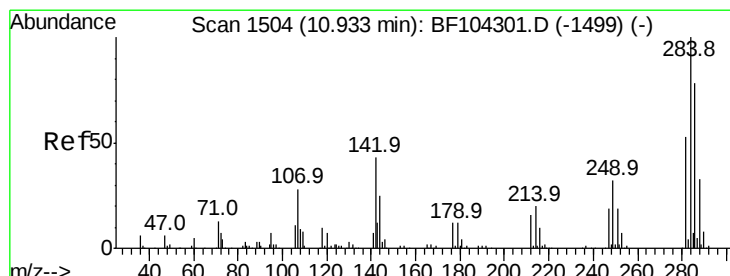
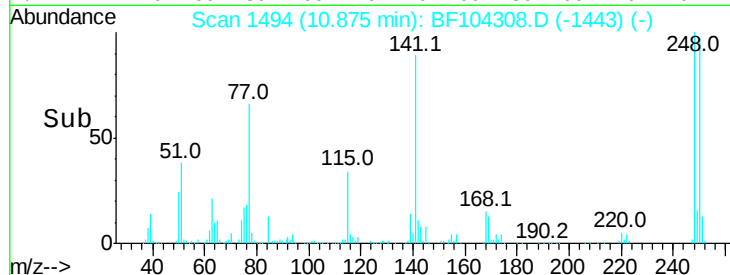
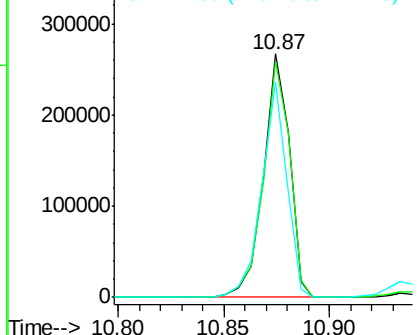
#66
4-Bromophenyl-phenylether
Concen: 40.454 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 230290
Ion Ratio Lower Upper
248 100
250 97.0 76.9 115.3
141 88.6 74.4 111.6

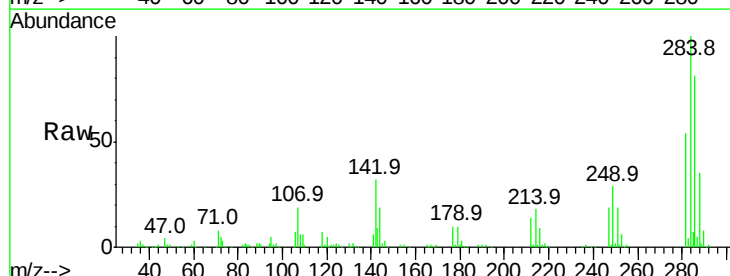


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

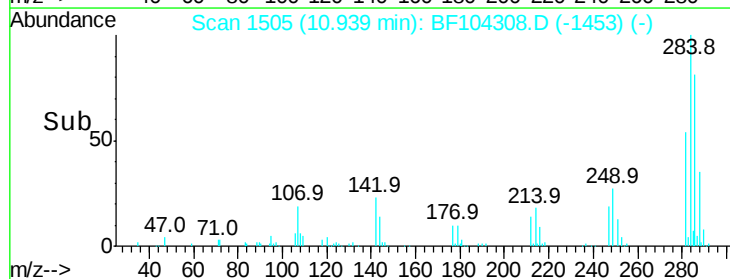
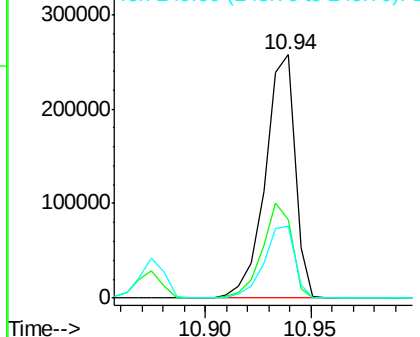


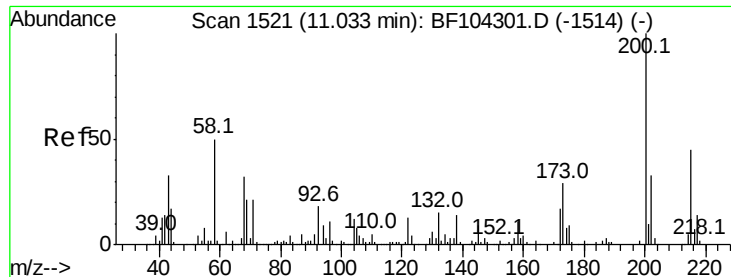
#67
Hexachlorobenzene
Concen: 39.506 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion:284 Resp: 253054
Ion Ratio Lower Upper
284 100
142 32.4 34.6 52.0#
249 29.5 24.8 37.2



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

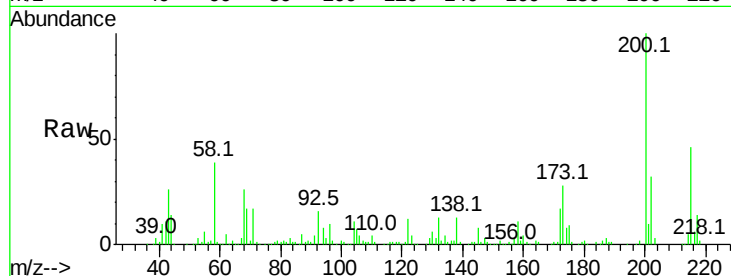




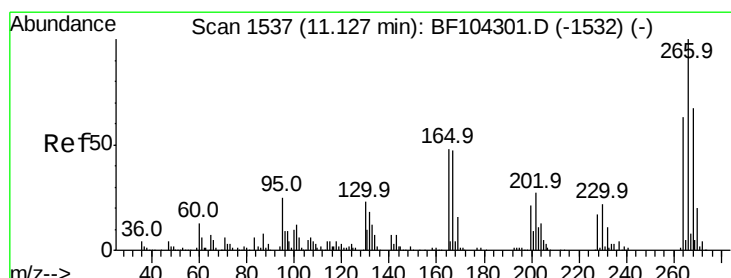
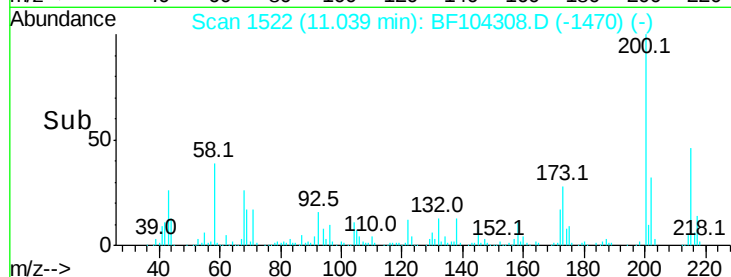
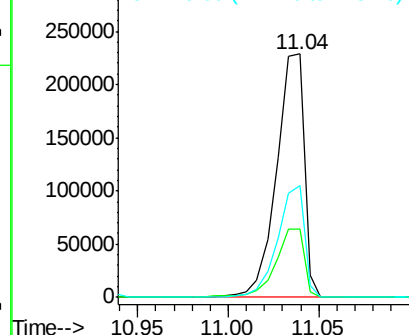
#68
Atrazine
Concen: 43.415 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 243170
Ion Ratio Lower Upper
200 100
173 27.8 8.6 48.6
215 45.9 25.1 65.1

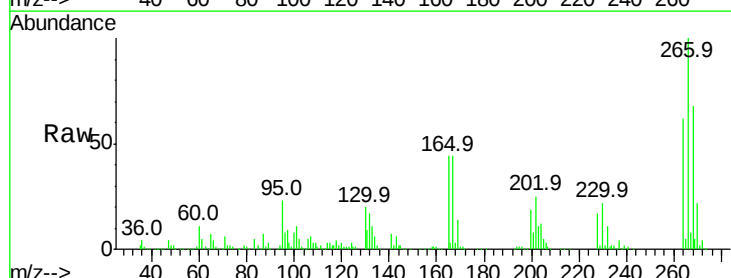


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

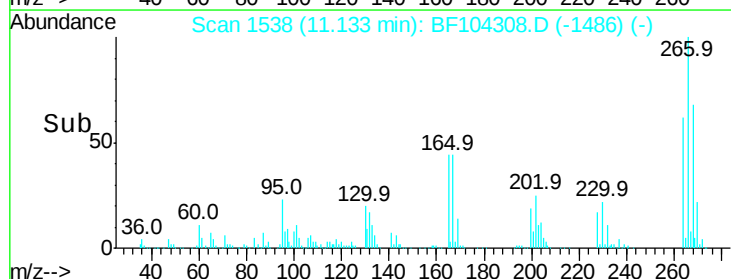
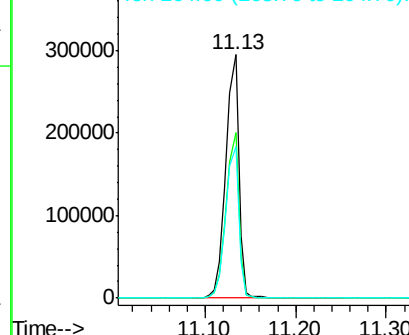


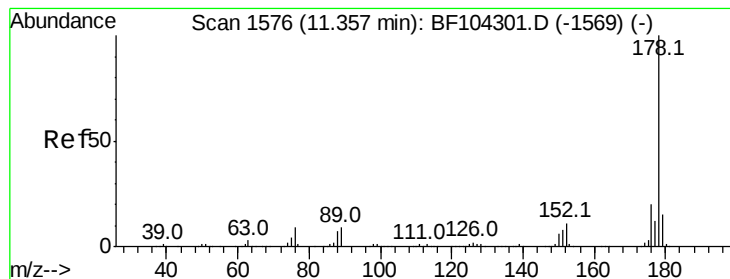
#69
Pentachlorophenol
Concen: 73.731 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion:266 Resp: 292176
Ion Ratio Lower Upper
266 100
268 68.1 51.1 76.7
264 62.3 49.5 74.3



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





#70

Phenanthrene

Concen: 40.047 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

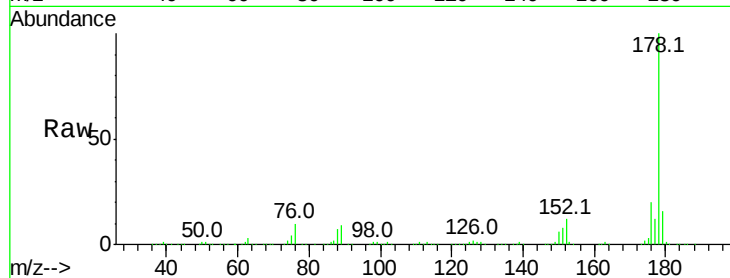
Tot Ion:178 Resp: 1193555

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

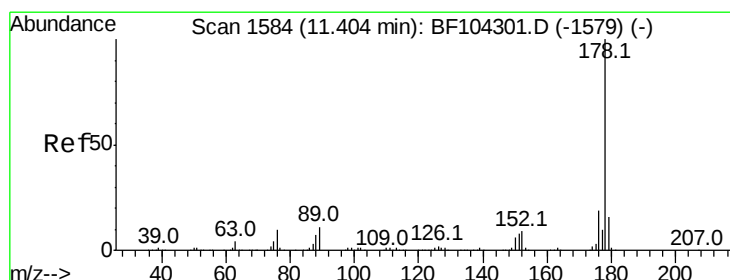
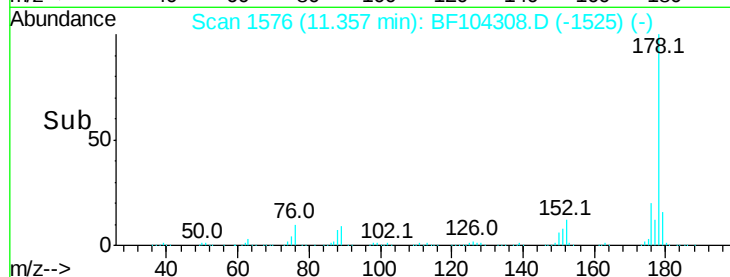
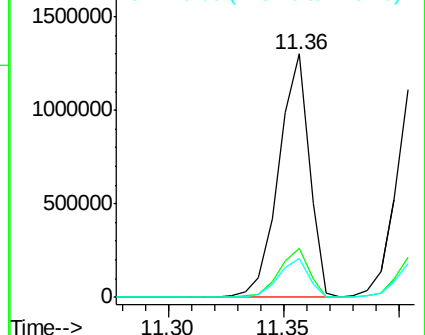
179 15.8 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 40.805 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

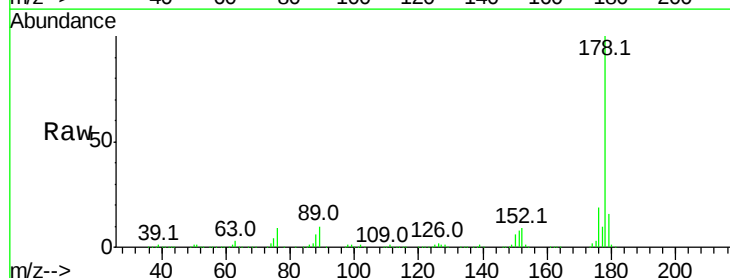
Tgt Ion:178 Resp: 1236230

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

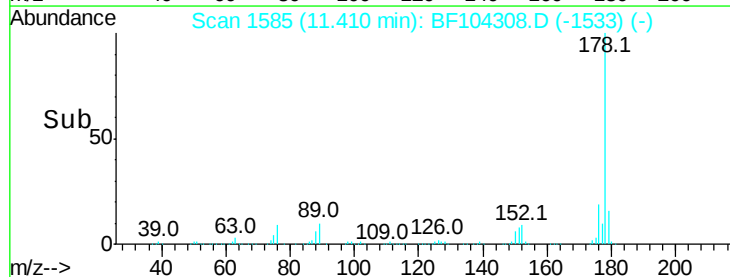
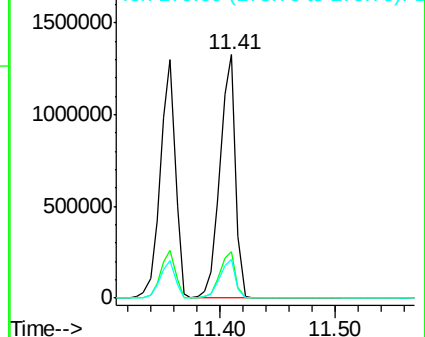
179 15.8 12.6 19.0

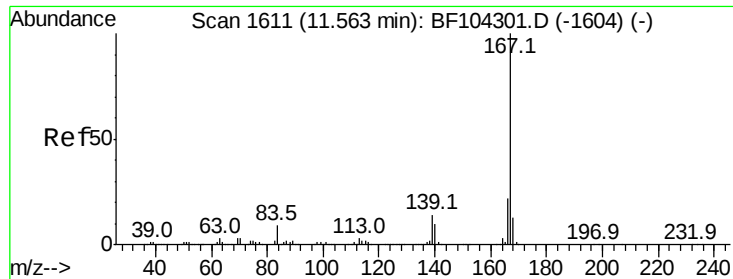


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 39.614 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

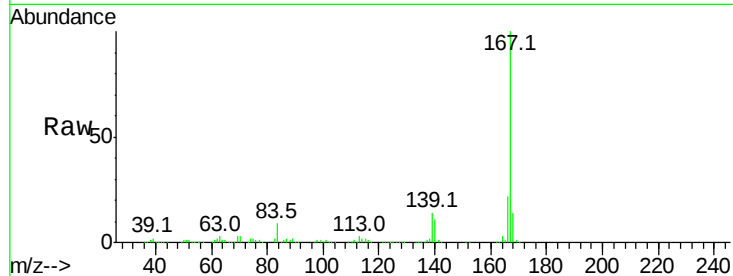
Tot Ion:167 Resp: 1172751

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

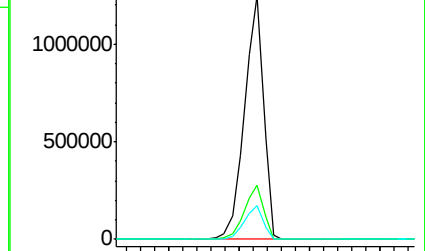
139 13.8 10.9 16.3



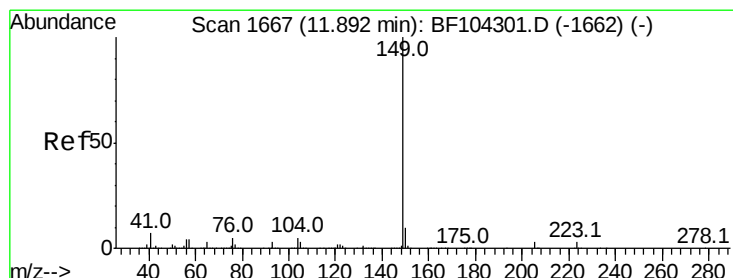
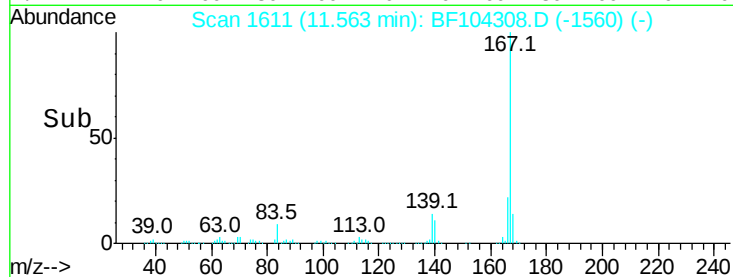
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 39.832 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

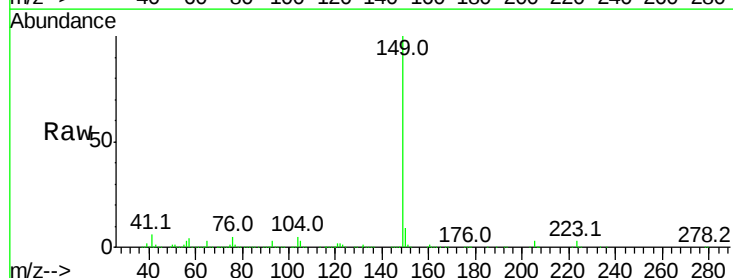
Tgt Ion:149 Resp: 1440465

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

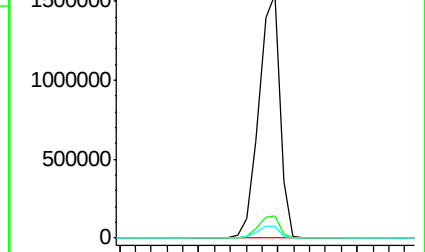
104 5.0 3.8 5.8



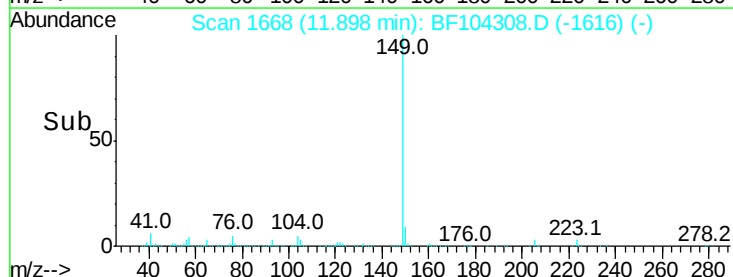
Abundance Ion 149.00 (148.70 to 149.70): E

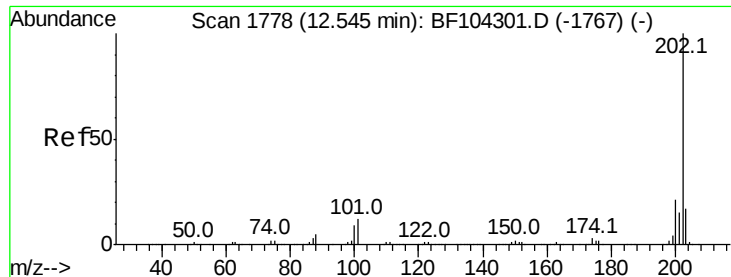
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

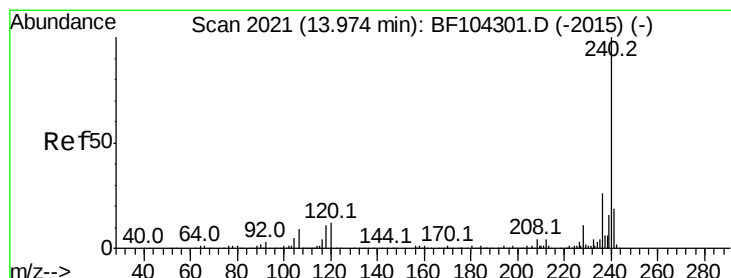
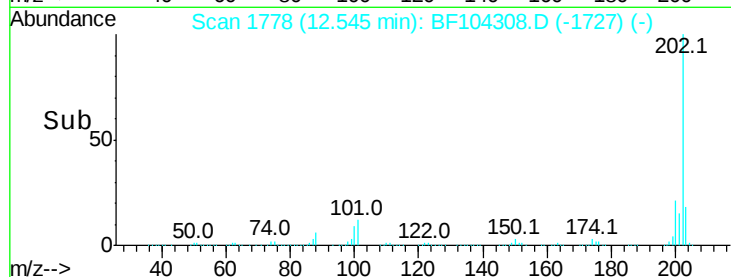
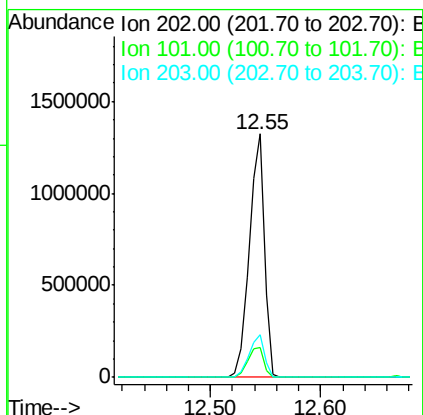
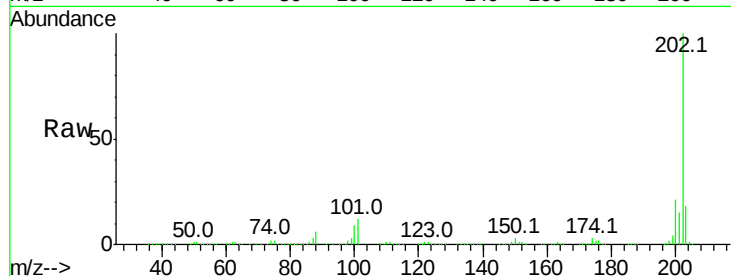




#74
 Fluoranthene
 Concen: 40.916 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

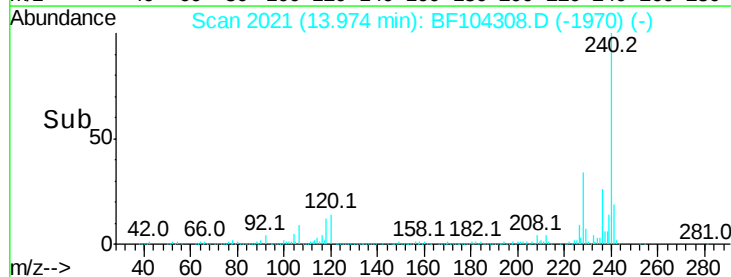
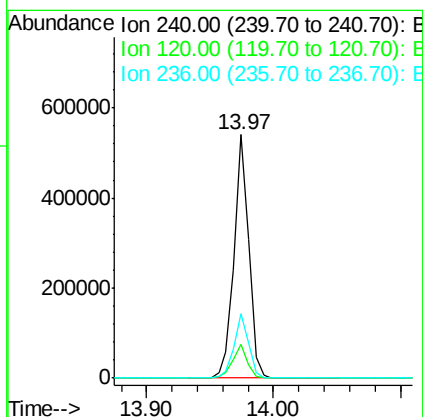
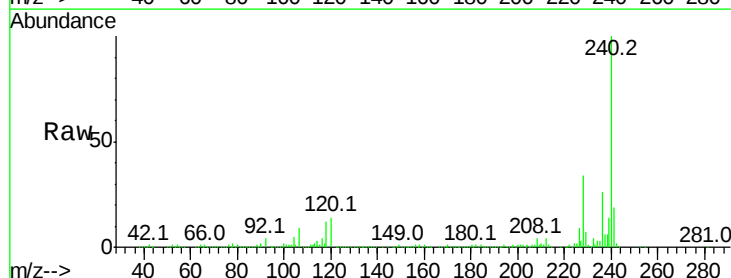
Instrument :
 BNA_F
 ClientSampleId :

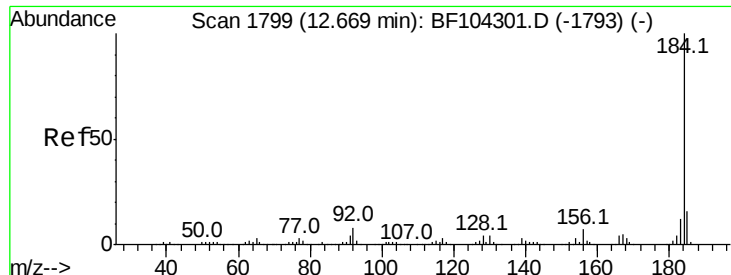
Tot Ion:202 Resp: 1274111
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 34.1
 203 17.5 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion:240 Resp: 430387
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.5 14.3
 236 26.3 20.7 31.1

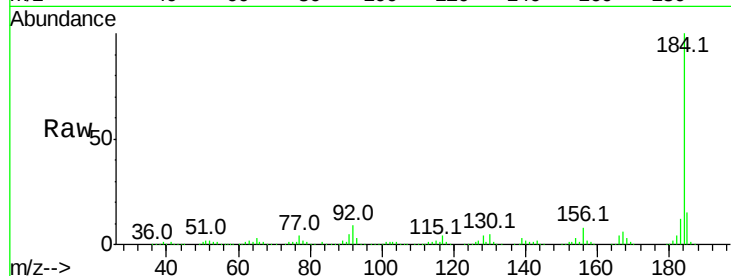




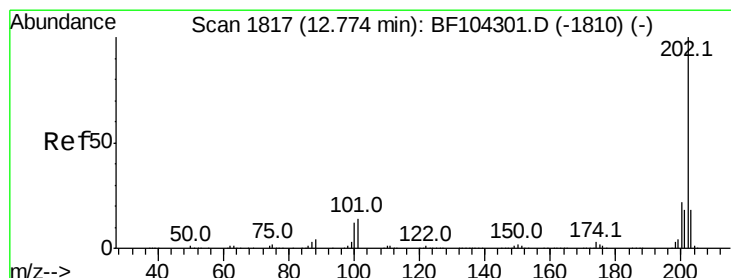
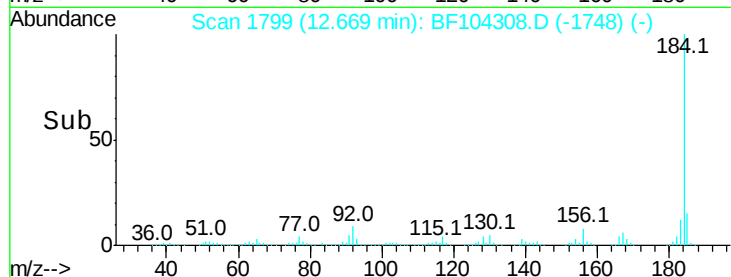
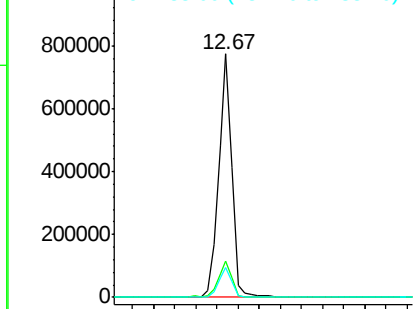
#76
Benzidine
Concen: 50.869 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 689427
Ion Ratio Lower Upper
184 100
185 14.7 12.6 18.8
183 12.1 9.3 13.9

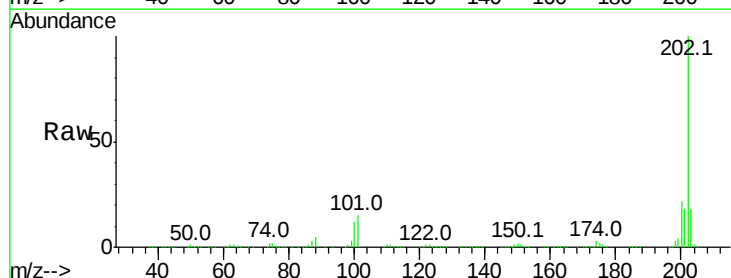


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

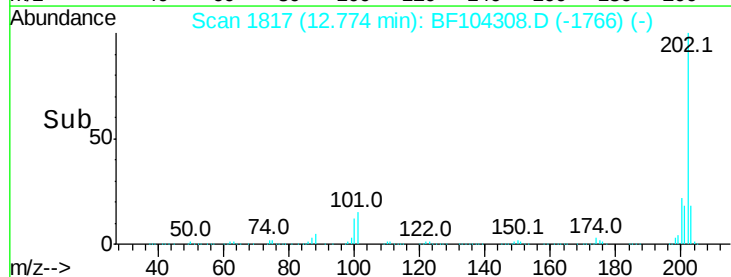
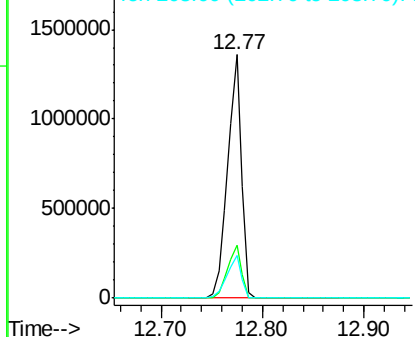


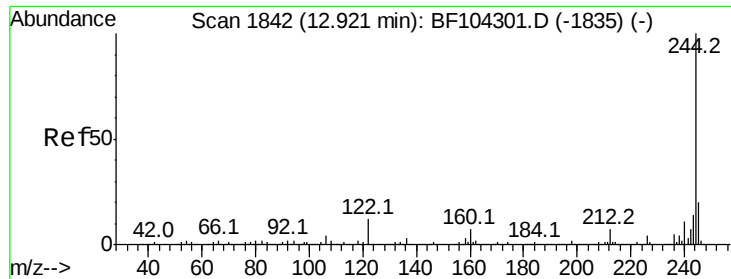
#77
Pyrene
Concen: 40.560 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion:202 Resp: 1293943
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.8 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

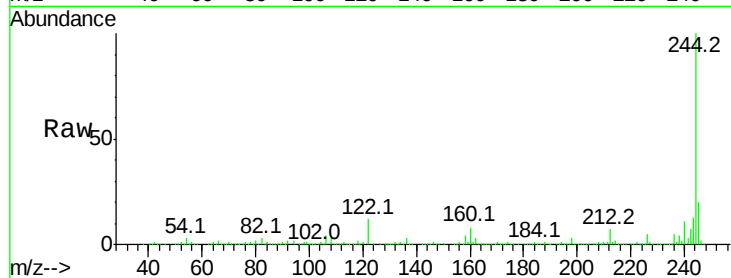




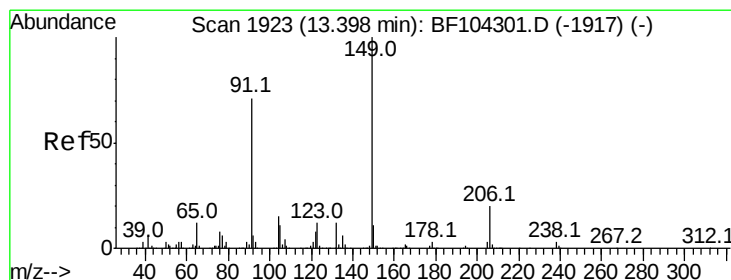
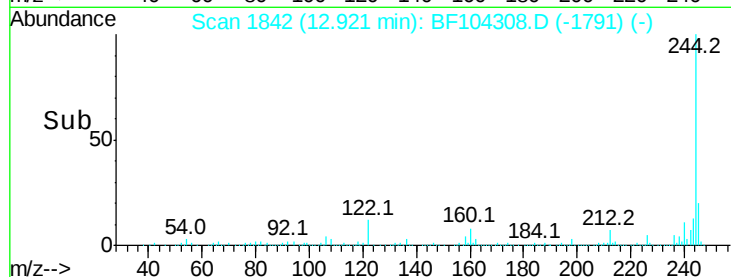
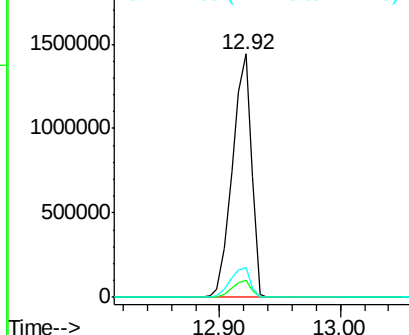
#78
 Terphenyl-d14
 Concen: 84.310 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1591613
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.3 11.0 16.4

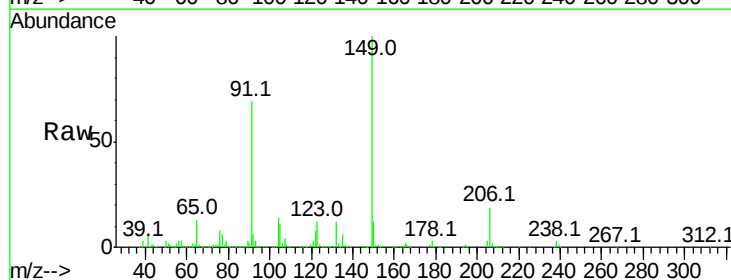


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

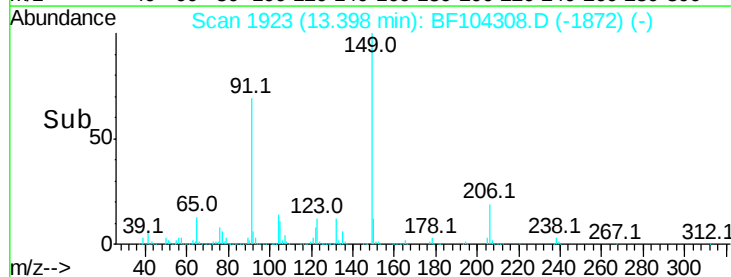
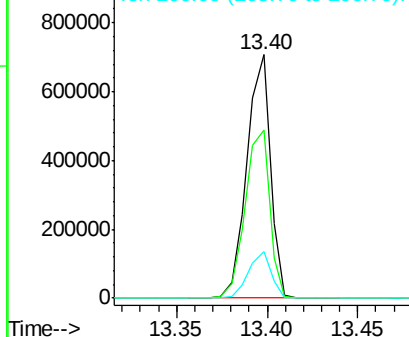


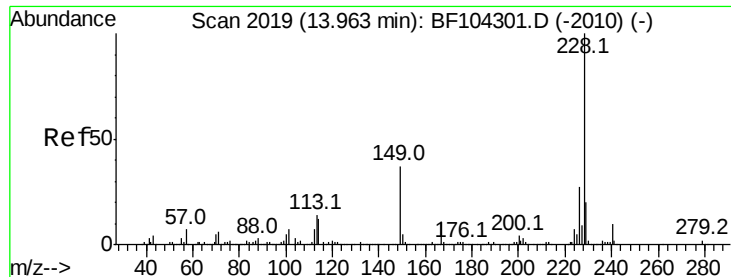
#79
 Butylbenzylphthalate
 Concen: 42.487 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Tgt Ion:149 Resp: 638555
 Ion Ratio Lower Upper
 149 100
 91 68.9 56.8 85.2
 206 19.1 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

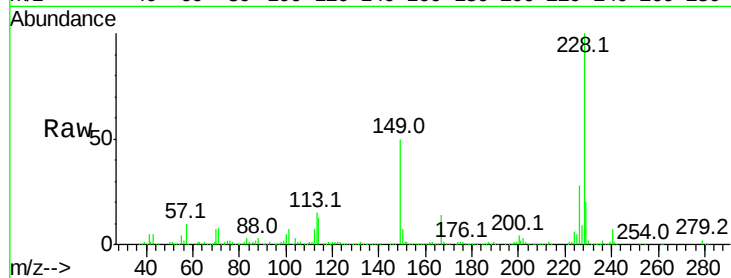




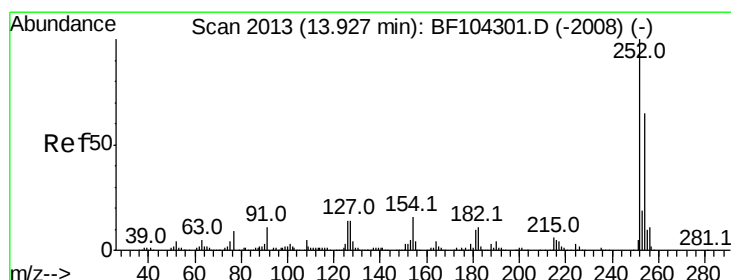
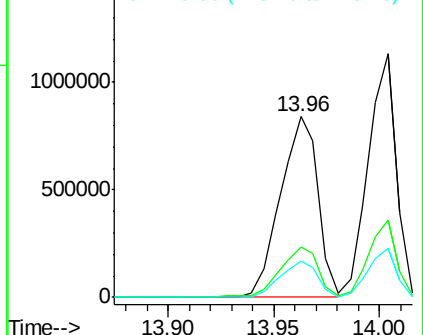
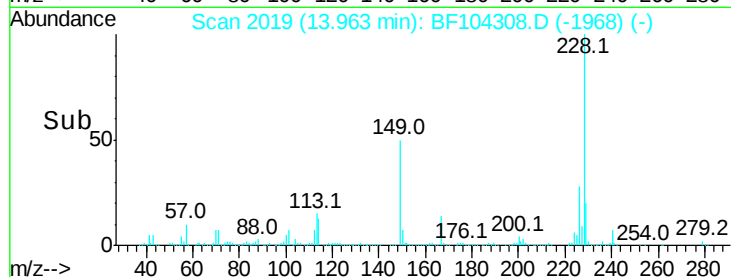
#80
Benzo(a)anthracene
Concen: 40.369 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 1037958
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.0 15.8 23.6

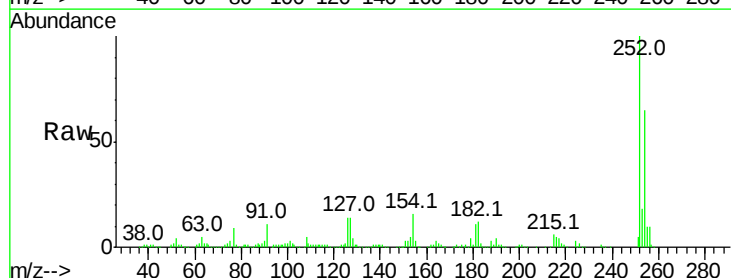


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

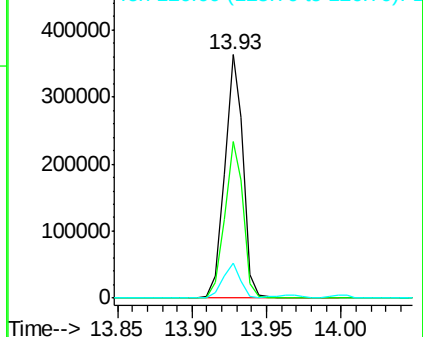
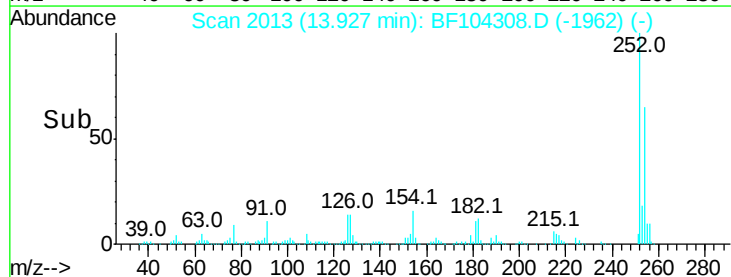


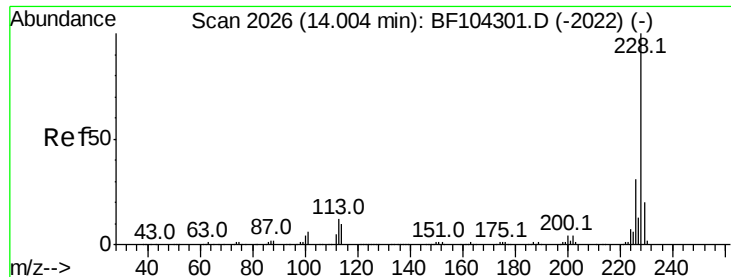
#81
3,3'-Dichlorobenzidine
Concen: 33.086 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion:252 Resp: 317183
Ion Ratio Lower Upper
252 100
254 64.5 50.4 75.6
126 14.4 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

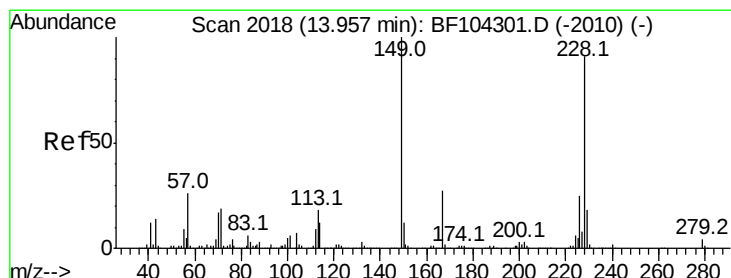
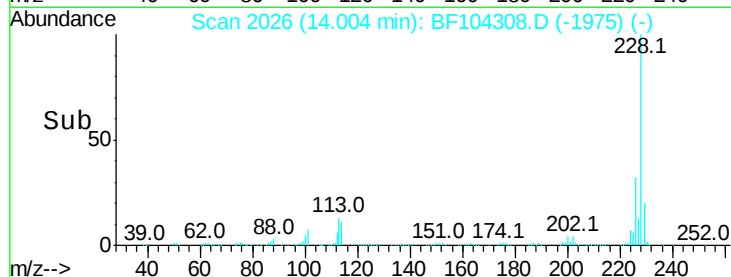
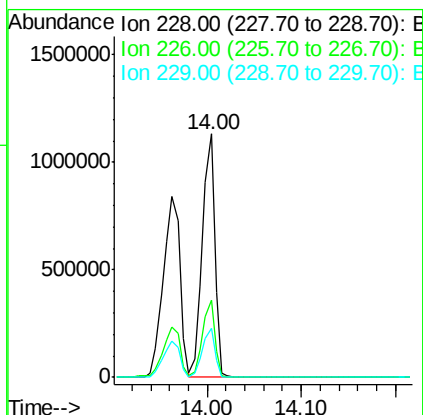
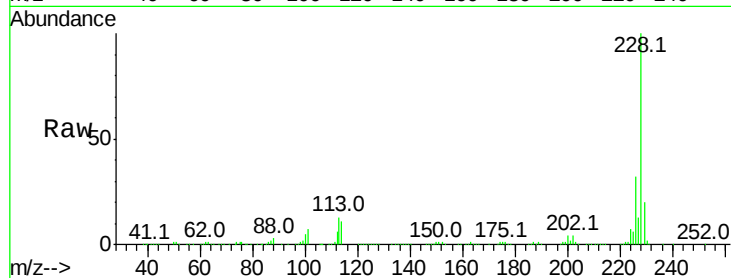




#82
Chrysene
Concen: 40.026 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

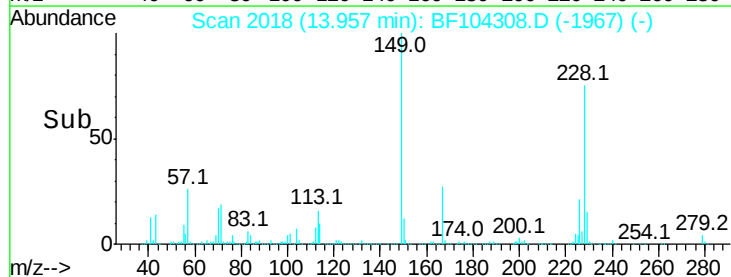
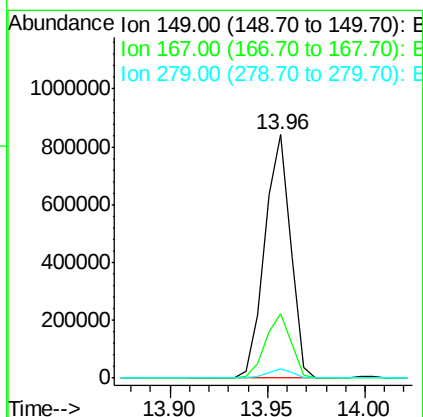
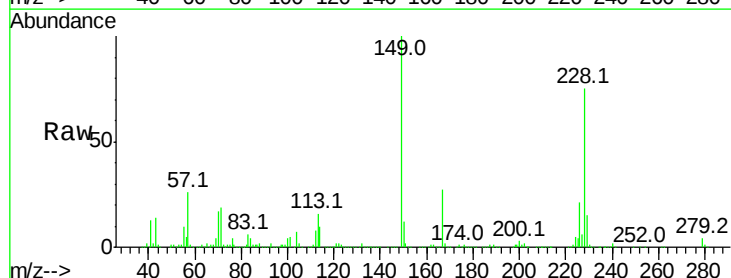
Instrument :
BNA_F
ClientSampleId :

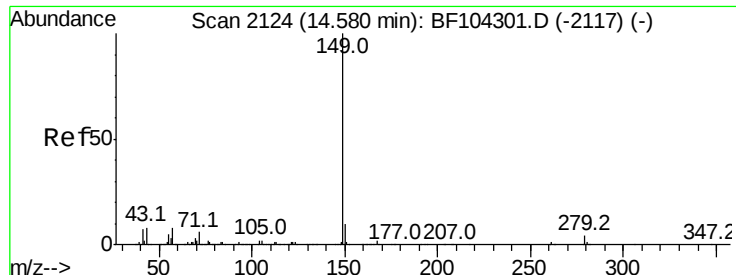
Tot Ion:228 Resp: 1057073
Ion Ratio Lower Upper
228 100
226 31.6 25.0 37.6
229 20.1 16.2 24.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 39.904 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion:149 Resp: 771402
Ion Ratio Lower Upper
149 100
167 26.6 21.3 31.9
279 3.6 3.0 4.4





#84

Di-n-octyl phthalate

Concen: 44.557 ng

RT: 14.58 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Instrument :

BNA_F

ClientSampleId :

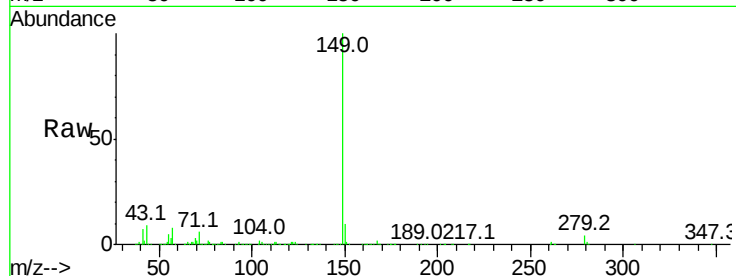
Tot Ion:149 Resp: 1439236

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

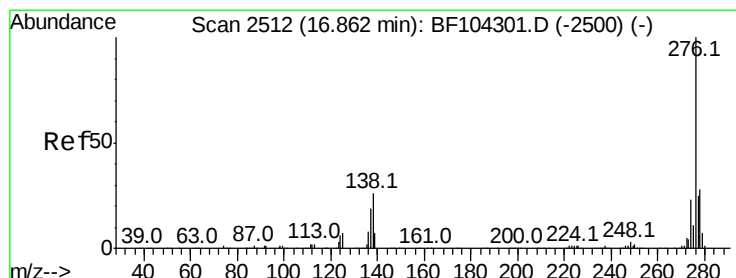
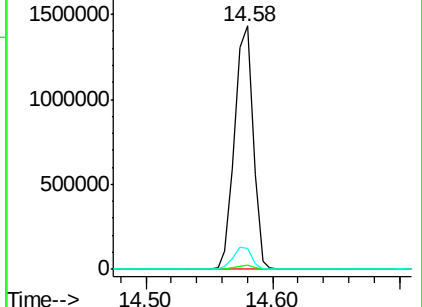
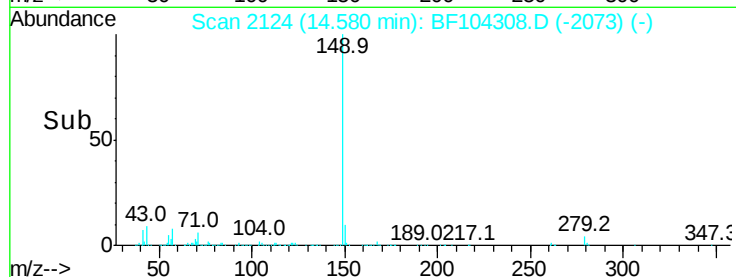
43 9.2 8.4 12.6



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: 37.900 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

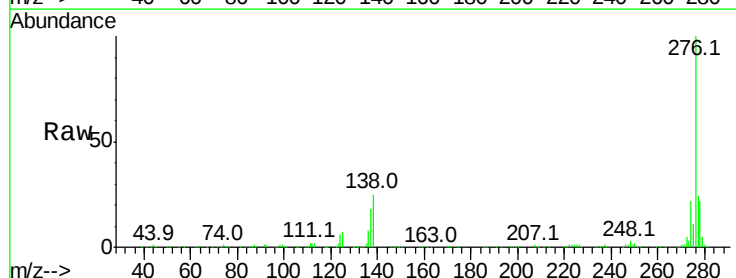
Tgt Ion:276 Resp: 850289

Ion Ratio Lower Upper

276 100

138 29.6 25.0 37.6

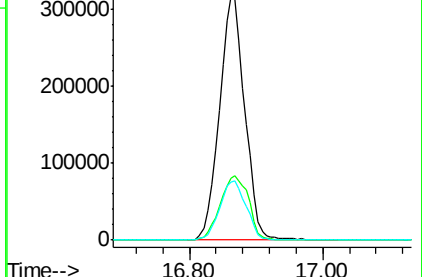
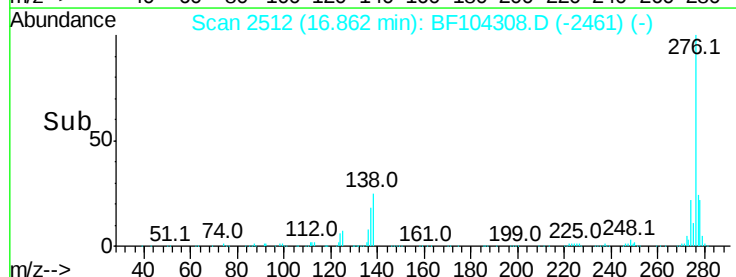
277 25.4 20.1 30.1

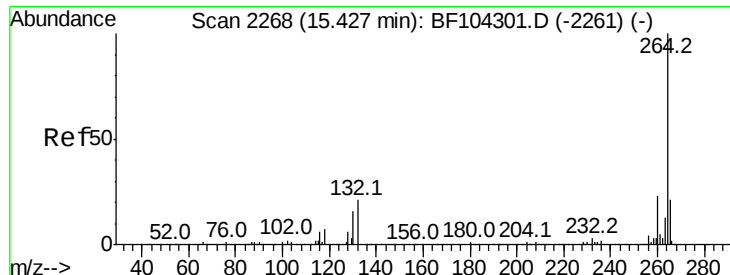


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

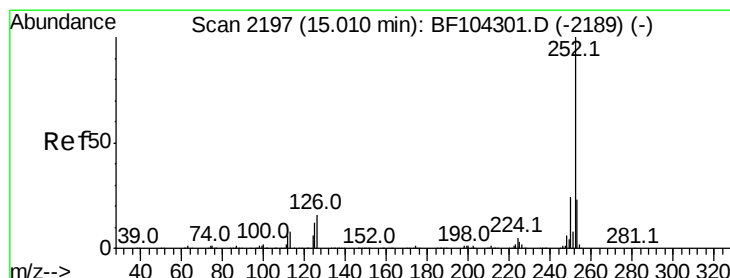
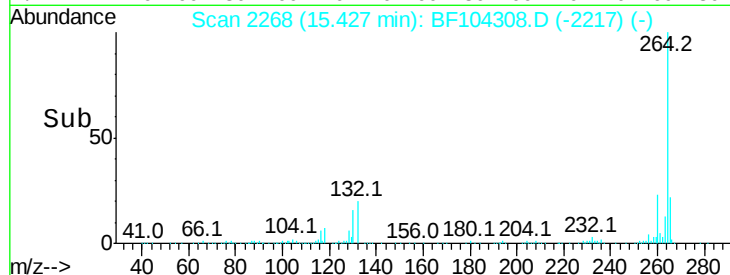
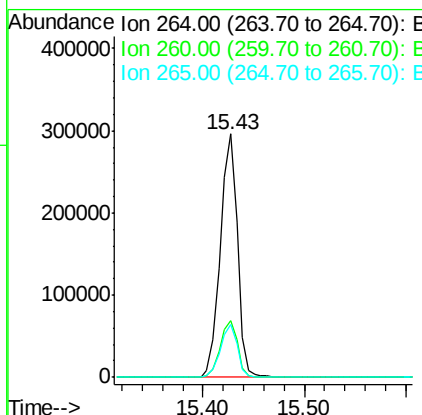
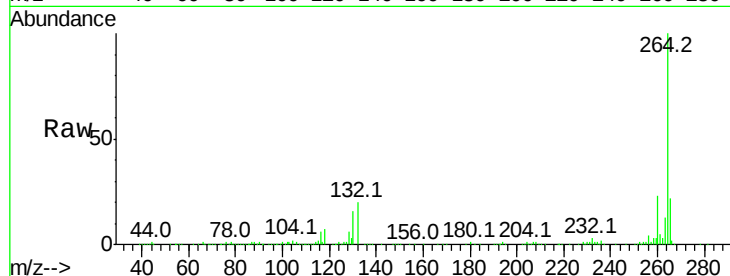




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

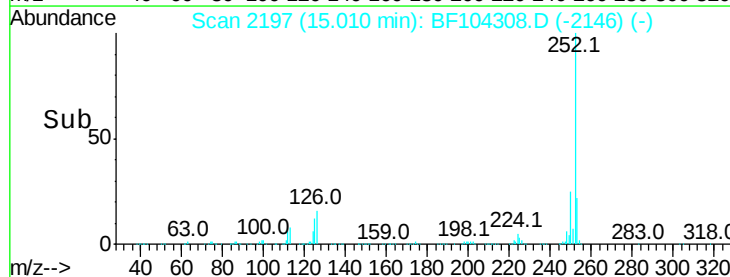
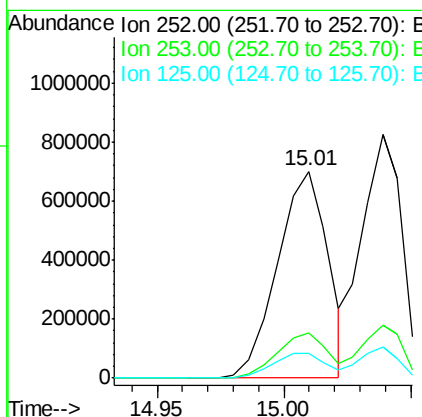
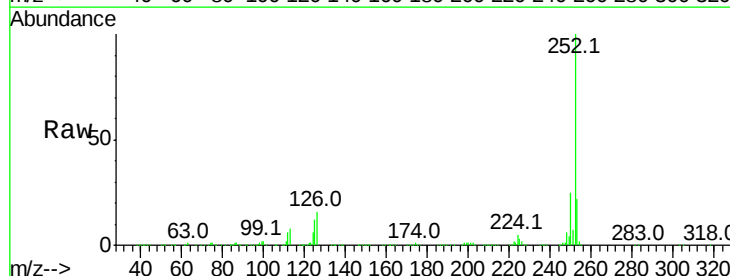
Instrument :
BNA_F
ClientSampleId :

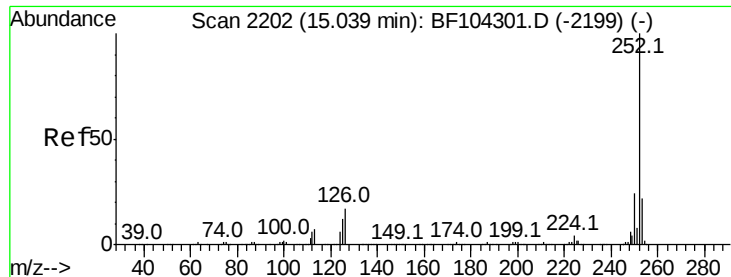
Tot Ion:264 Resp: 347918
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.6 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 43.979 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion:252 Resp: 966381
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.1 9.0 13.6

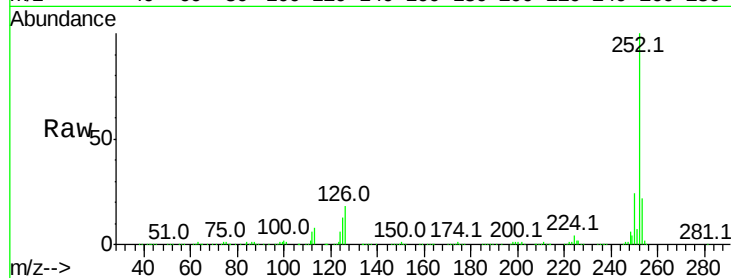




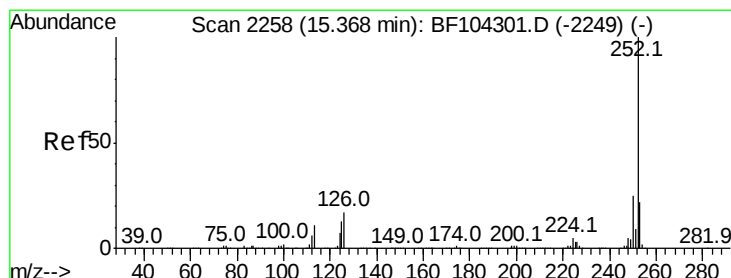
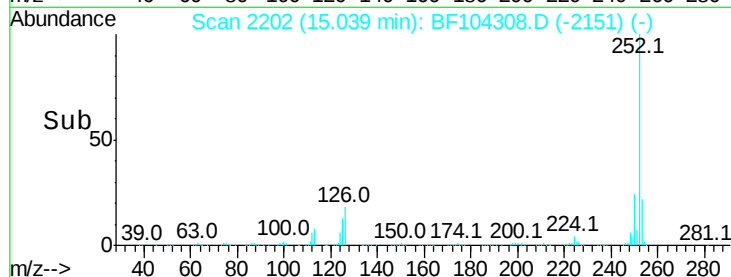
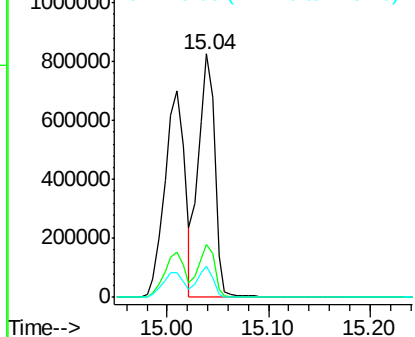
#88
Benzo(k)fluoranthene
Concen: 44.475 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 922643
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 12.6 10.2 15.2

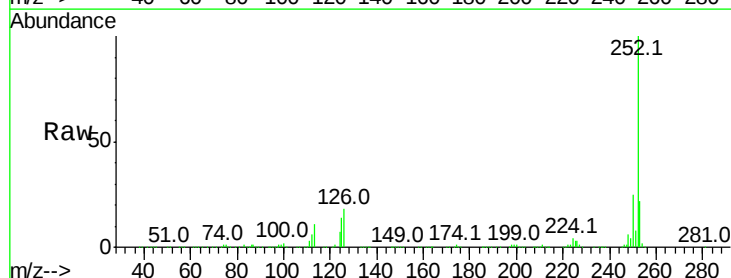


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

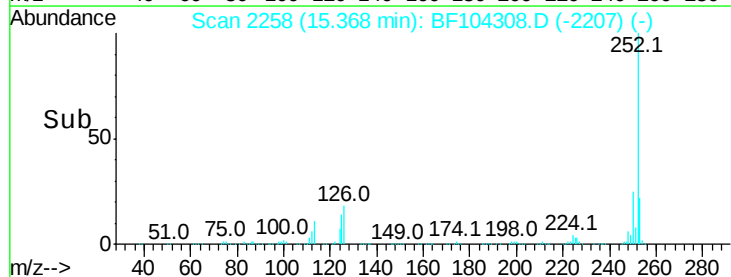
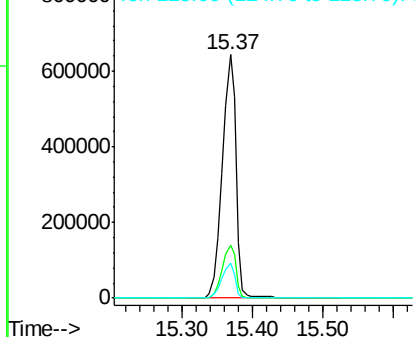


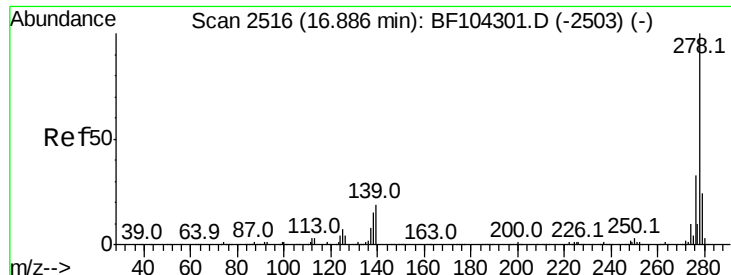
#89
Benzo(a)pyrene
Concen: 44.205 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion:252 Resp: 869120
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 14.4 9.8 14.6



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

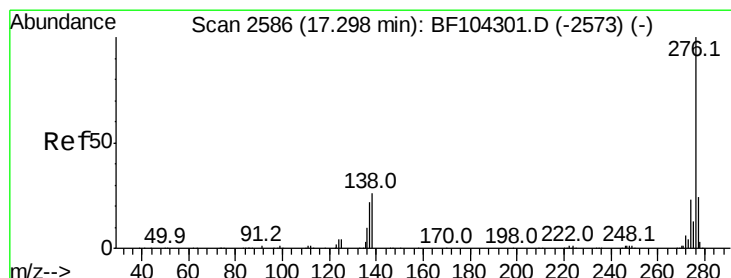
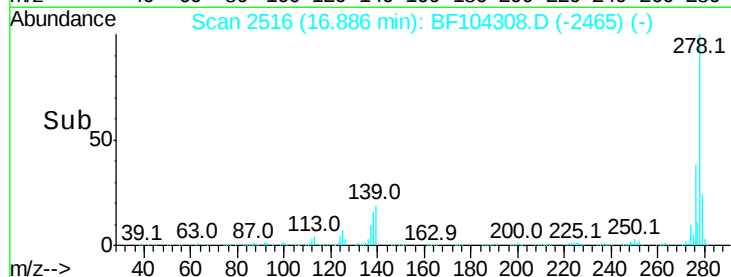
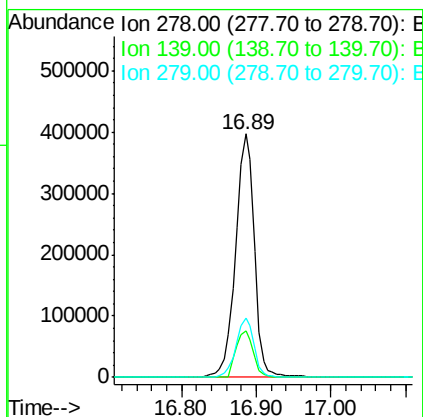
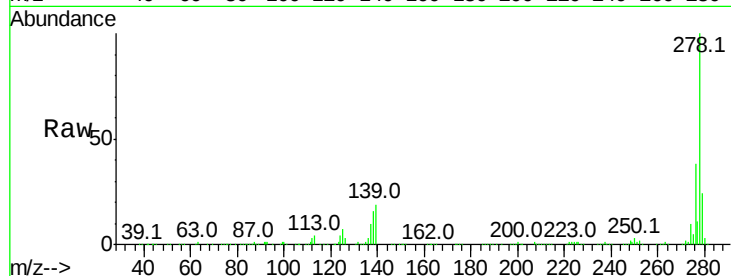




#90
Dibenzo(a,h)anthracene
Concen: 43.162 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 696967
Ion Ratio Lower Upper
278 100
139 19.3 15.9 23.9
279 24.3 19.0 28.4



#91
Benzo(g,h,i)perylene
Concen: 45.636 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Tgt Ion:276 Resp: 713945
Ion Ratio Lower Upper
276 100
277 24.0 17.9 26.9
138 27.5 21.8 32.8

