

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 :
 PB107966BS

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

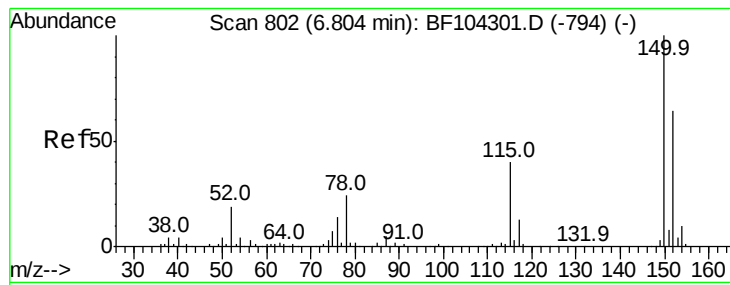
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.11	196	256528	40.348	nq	97
45) 1,1'-Biphenyl	9.27	154	966062	40.221	nq	99
46) 2-Chloronaphthalene	9.29	162	761588	40.143	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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF104308.D

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PB107966BS

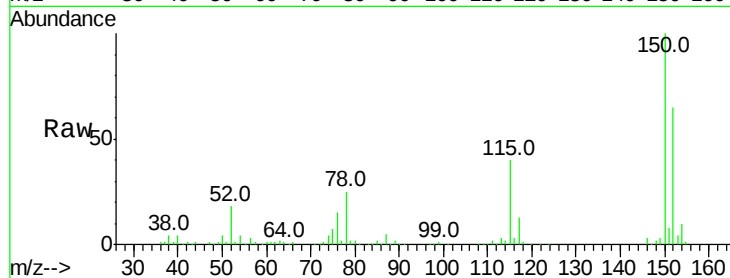
Tot Ion:152 Resp: 150036

Ion Ratio Lower Upper

152 100

150 152.8 124.6 186.8

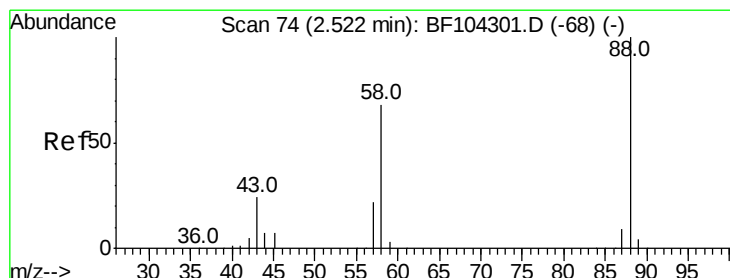
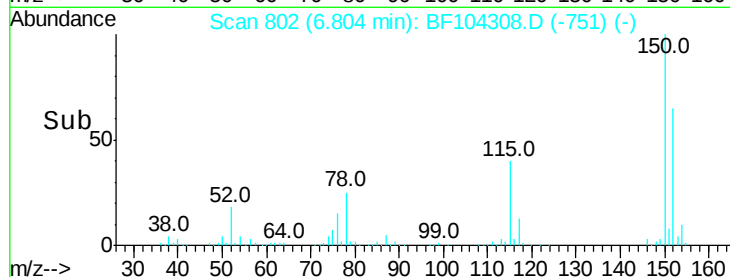
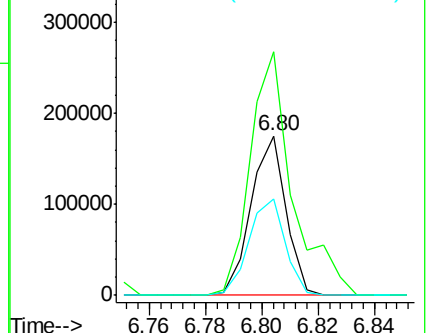
115 60.9 50.1 75.1



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

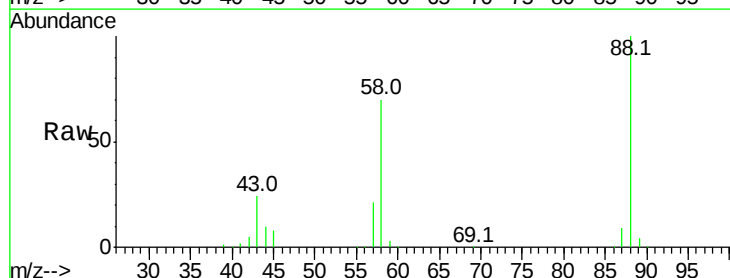
Tgt Ion: 88 Resp: 160788

Ion Ratio Lower Upper

88 100

58 70.3 62.6 93.8

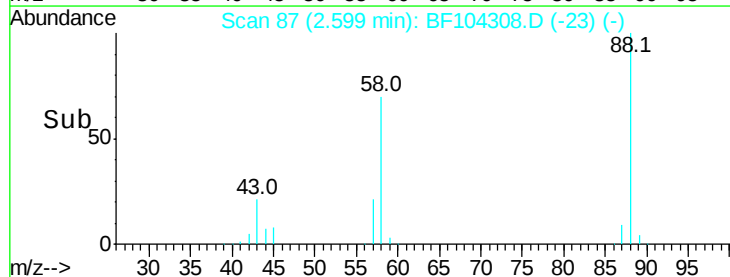
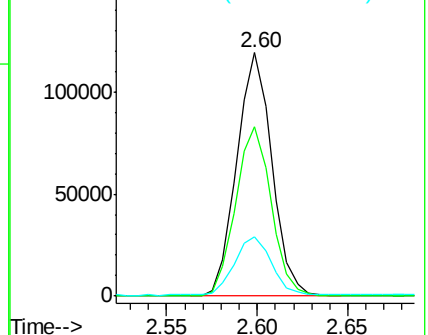
43 25.9 24.6 37.0

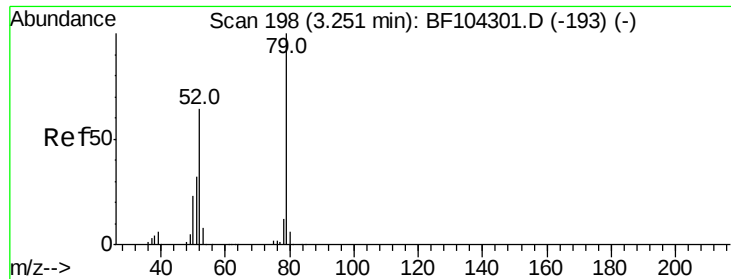


Abundance Ion 88.00 (87.70 to 88.70): BF1

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

ClientSampleId :

PB107966BS

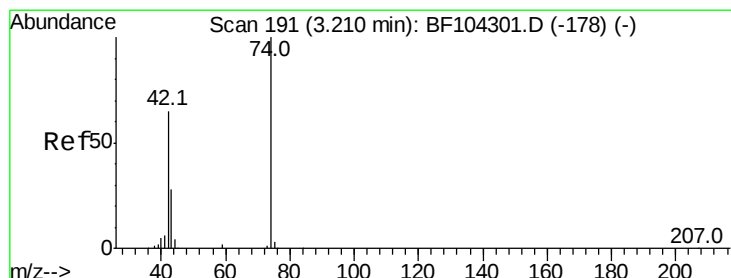
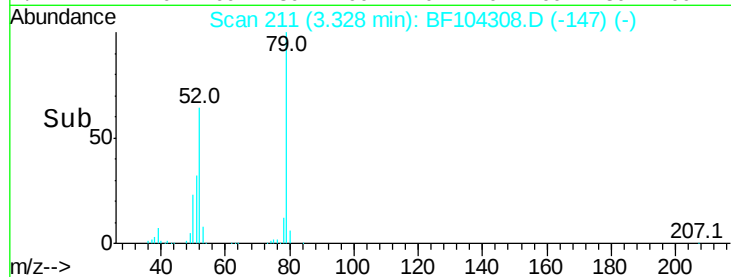
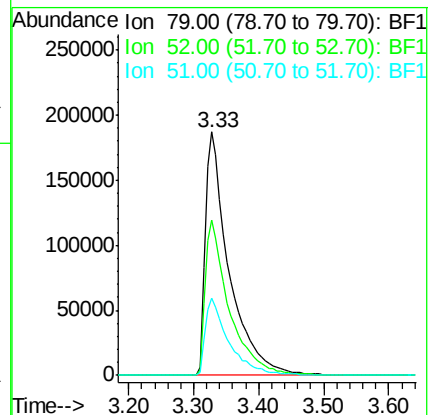
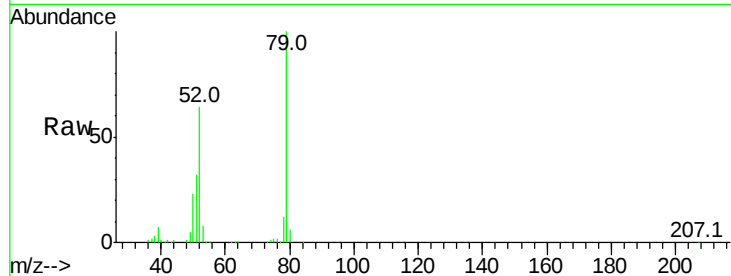
Tot Ion: 79 Resp: 470215

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

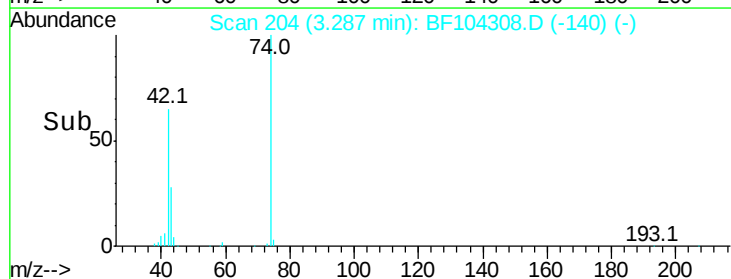
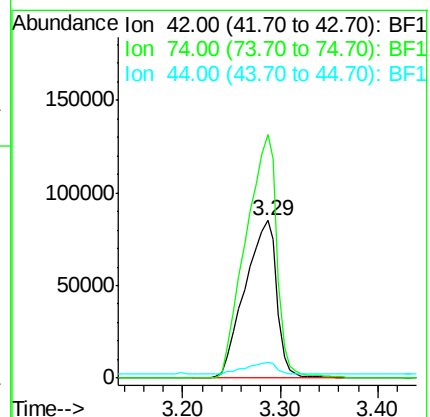
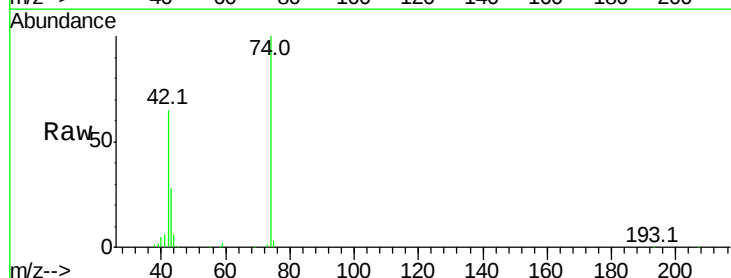
Tgt Ion: 42 Resp: 195652

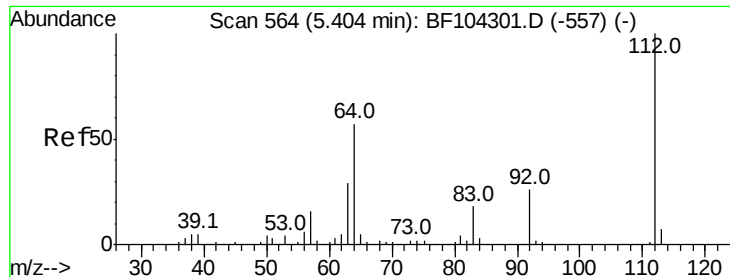
Ion Ratio Lower Upper

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 :

PB107966BS

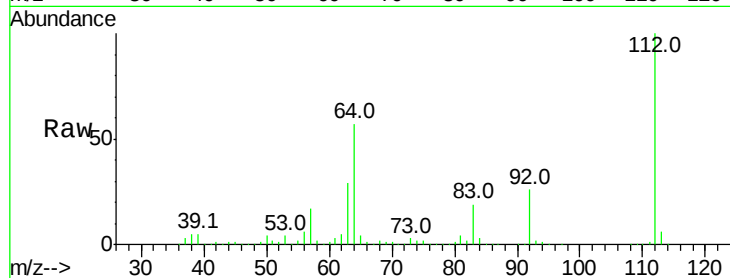
Tot Ion:112 Resp: 1144663

Ion Ratio Lower Upper

112 100

64 56.5 47.9 71.9

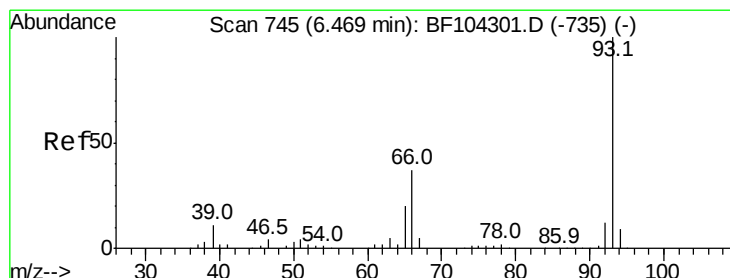
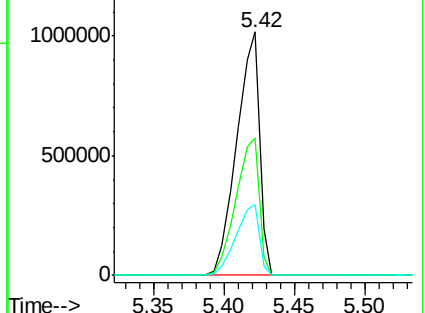
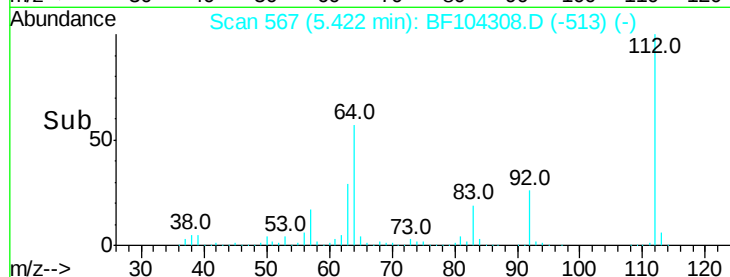
63 29.0 23.7 35.5



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

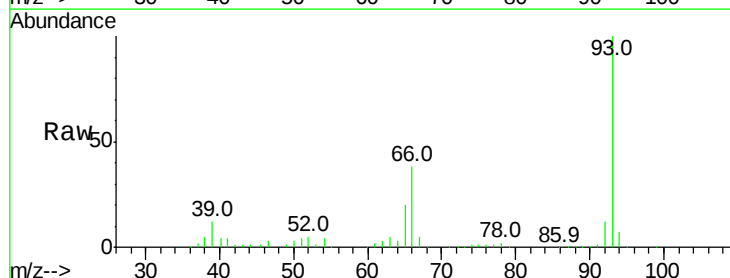
Tgt Ion: 93 Resp: 577853

Ion Ratio Lower Upper

93 100

66 38.3 32.2 48.2

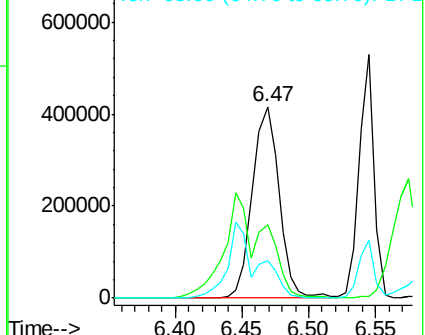
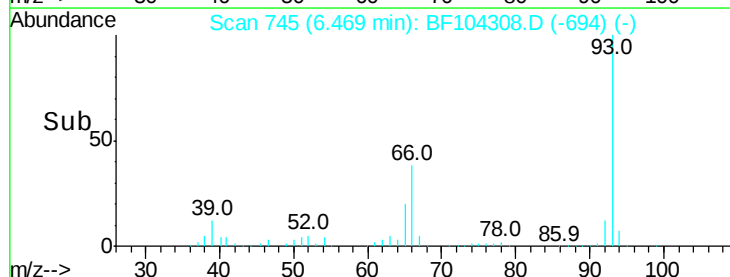
65 19.6 16.4 24.6



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

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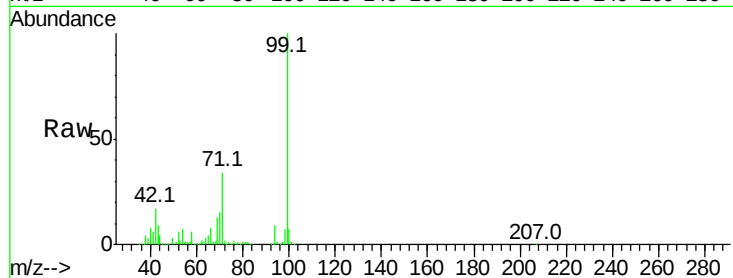
Tot Ion: 99 Resp: 1442146

Ion Ratio Lower Upper

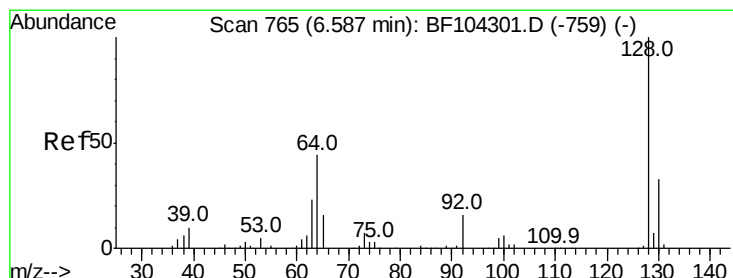
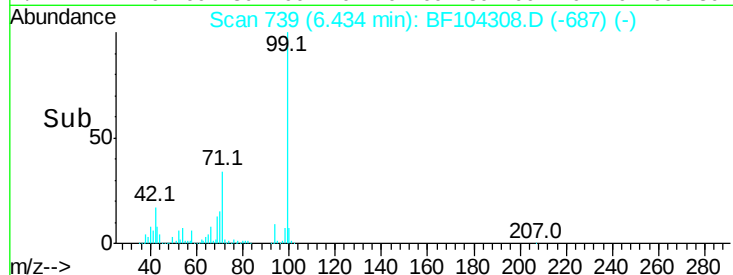
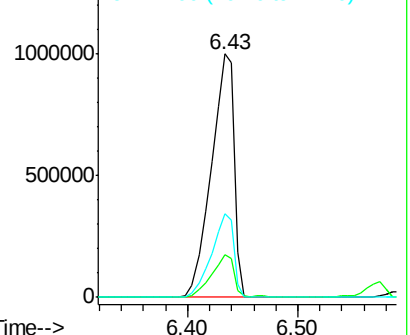
99 100

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

Acq: 6 Apr 2018 16:09

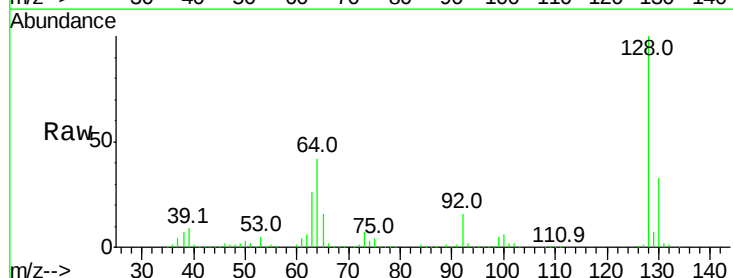
Tgt Ion: 128 Resp: 431277

Ion Ratio Lower Upper

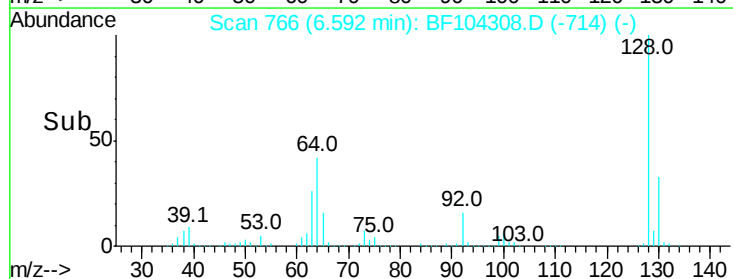
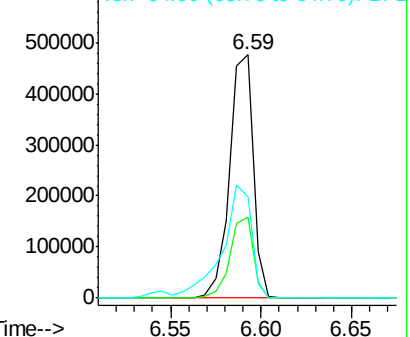
128 100

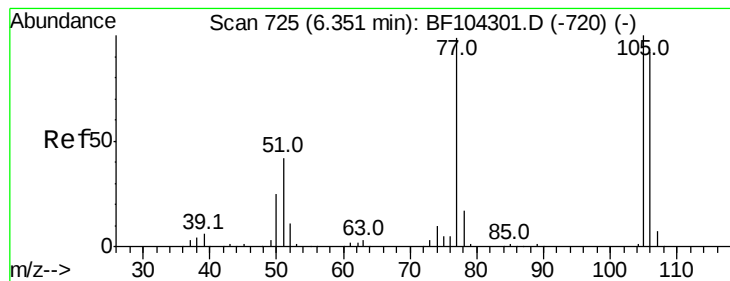
130 33.5 13.0 53.0

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

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

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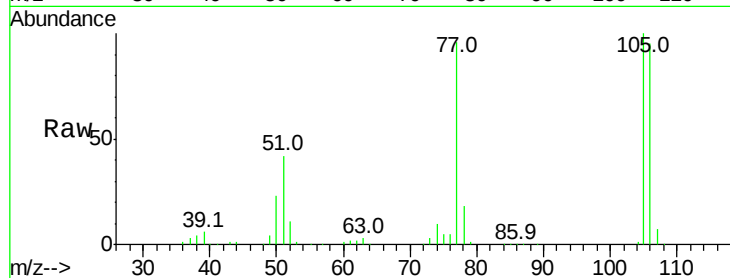
Tot Ion: 77 Resp: 137107

Ion Ratio Lower Upper

77 100

105 104.4 81.1 121.1

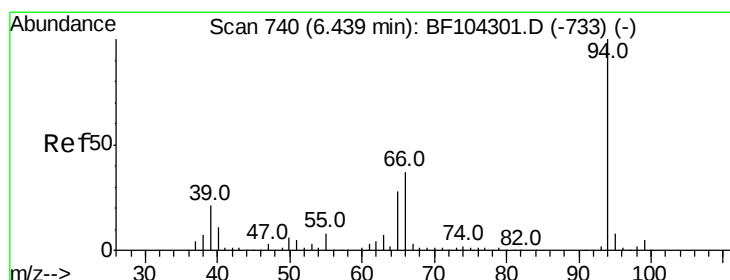
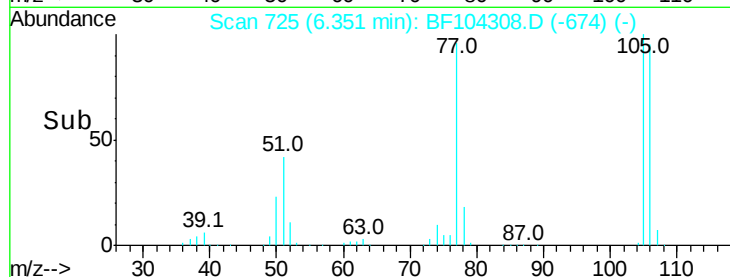
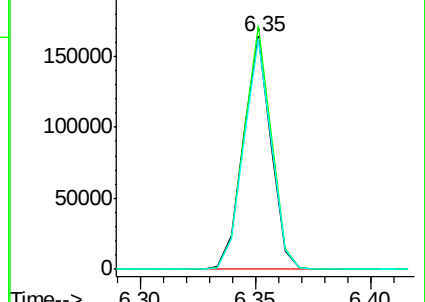
106 98.9 74.5 114.5



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

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

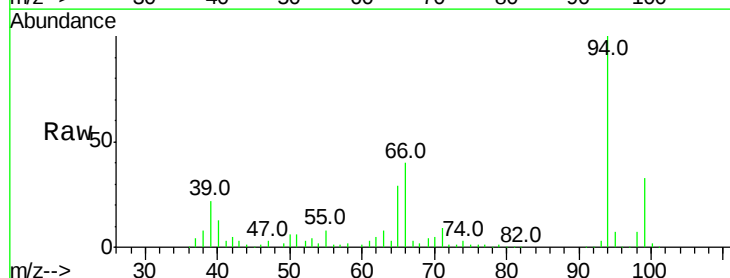
Tgt Ion: 94 Resp: 554852

Ion Ratio Lower Upper

94 100

65 29.0 7.9 47.9

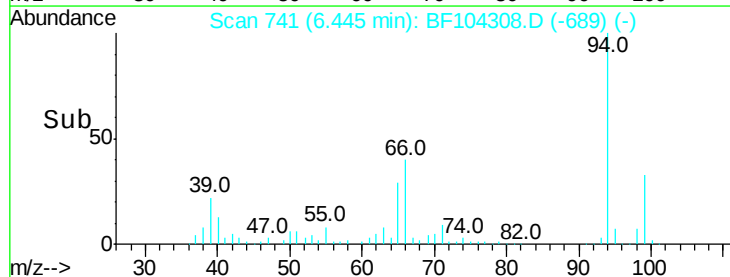
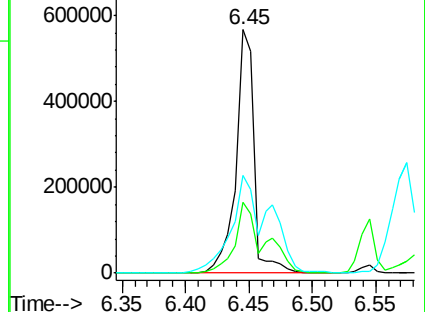
66 40.2 16.2 56.2

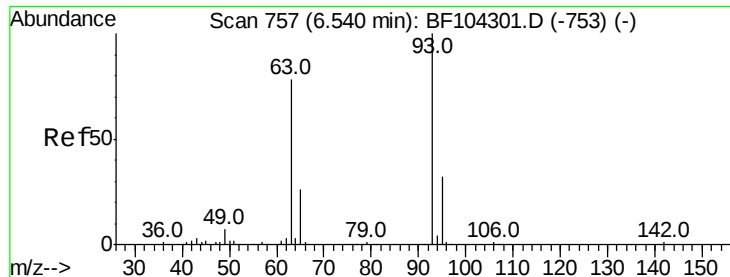


Abundance Ion 94.00 (93.70 to 94.70): BF1

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 :

PB107966BS

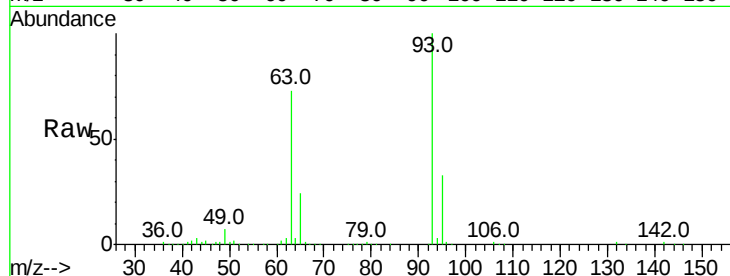
Tot Ion: 93 Resp: 409202

Ion Ratio Lower Upper

93 100

63 73.1 58.6 98.6

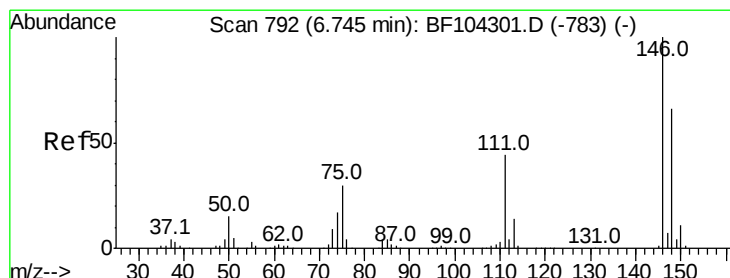
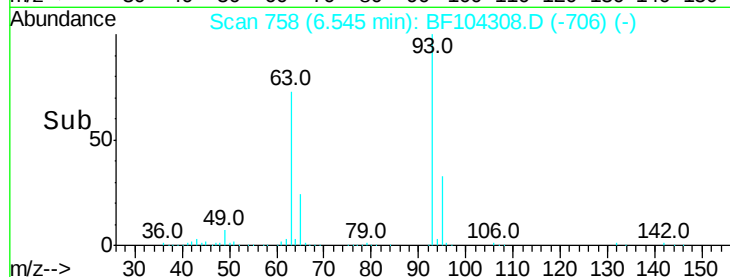
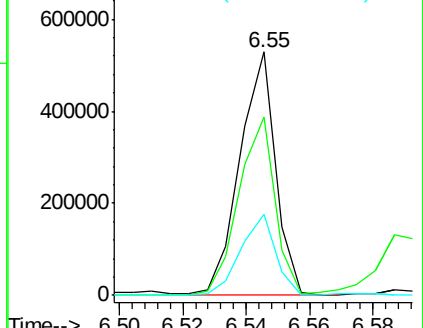
95 33.1 11.8 51.8



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

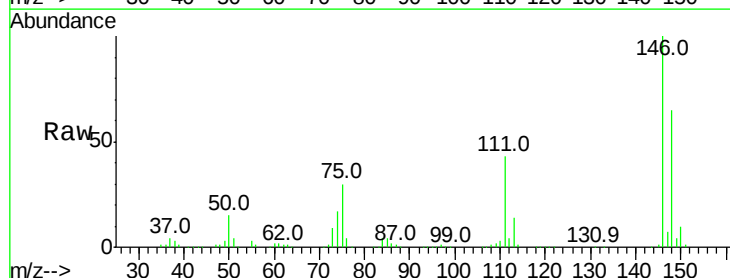
Tgt Ion: 146 Resp: 441352

Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

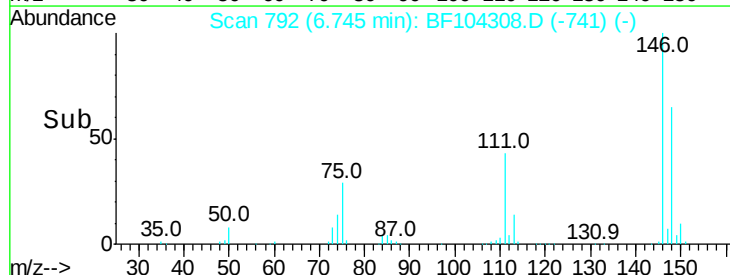
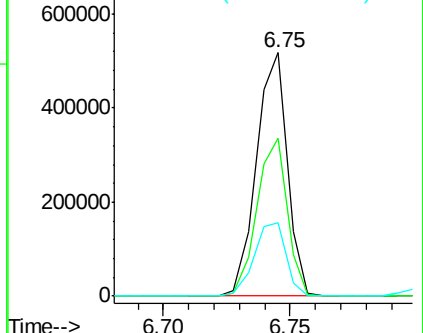
75 29.9 24.2 36.4

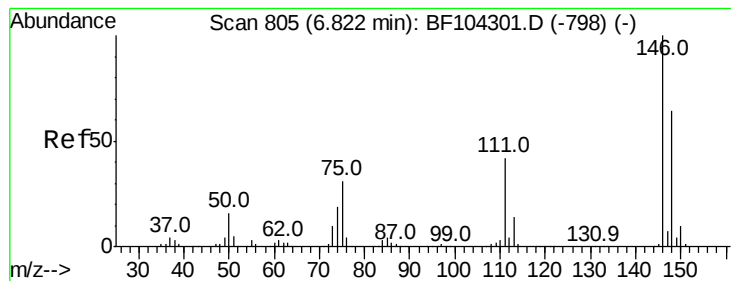


Abundance Ion 146.00 (145.70 to 146.70): E

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 :

PB107966BS

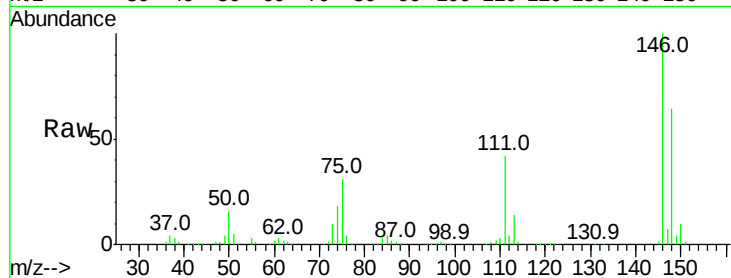
Tot Ion:146 Resp: 447926

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

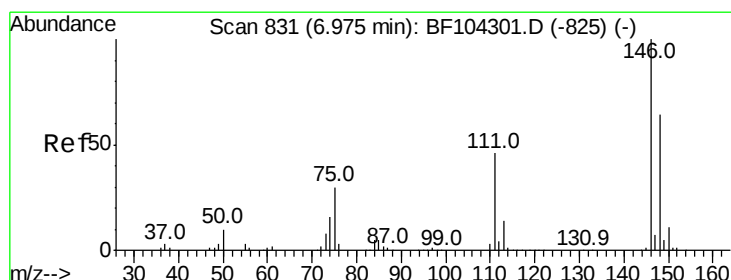
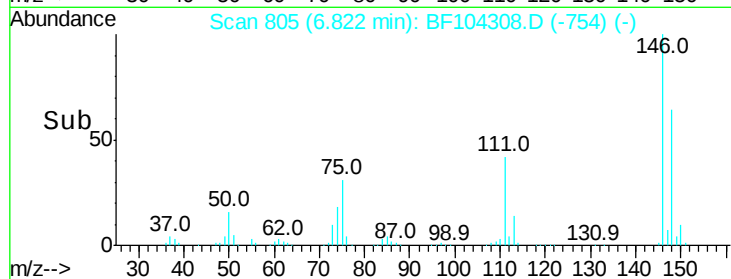
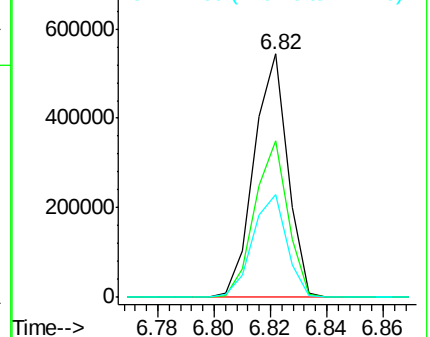
111 42.0 34.2 51.2



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

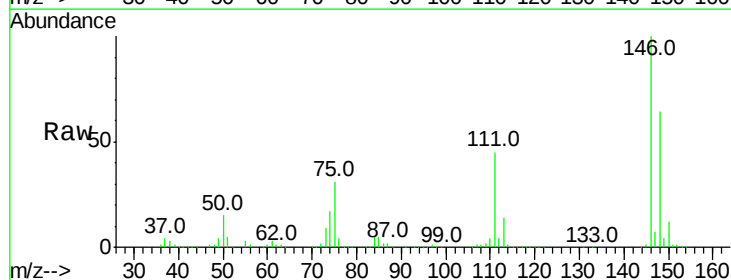
Tgt Ion:146 Resp: 412997

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

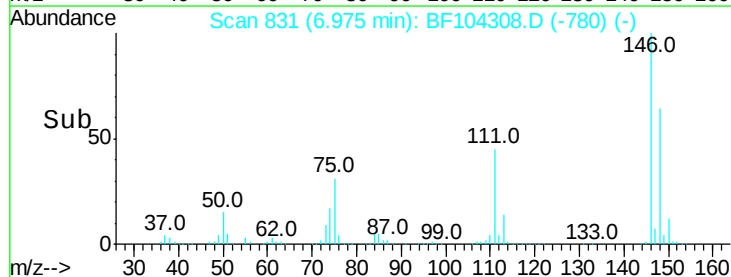
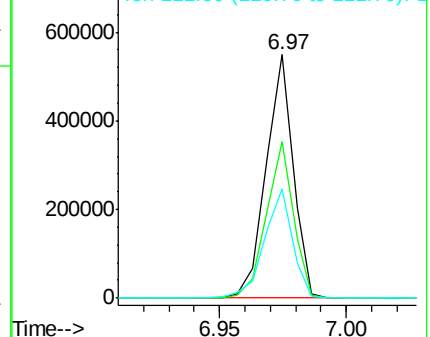
111 44.8 36.0 54.0

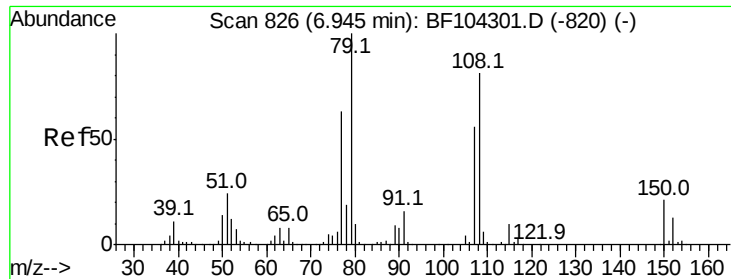


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

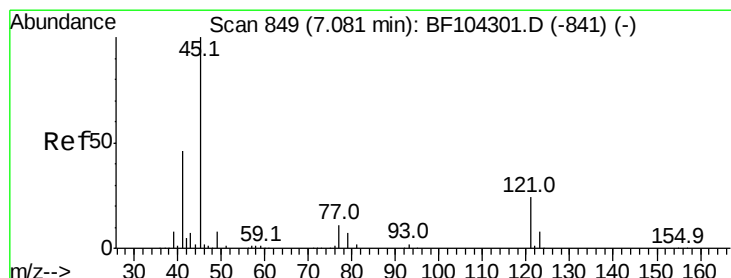
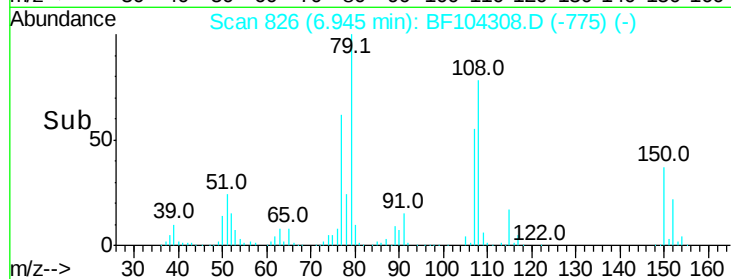
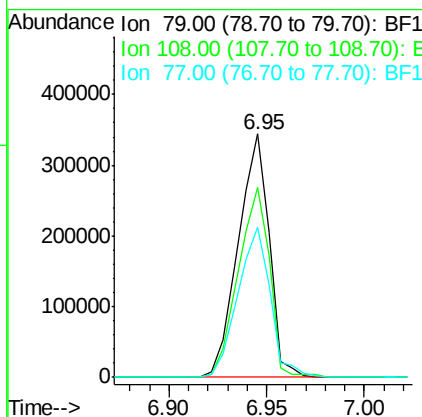
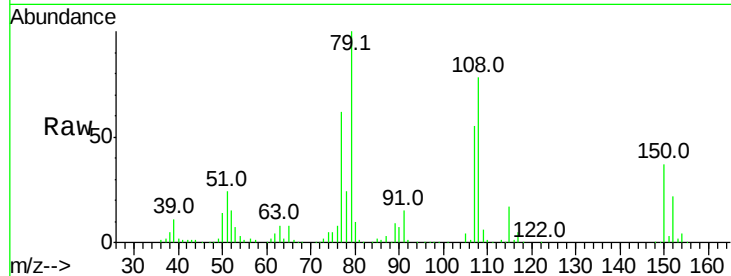




#15
Benzyl Alcohol
Concen: 41.241 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

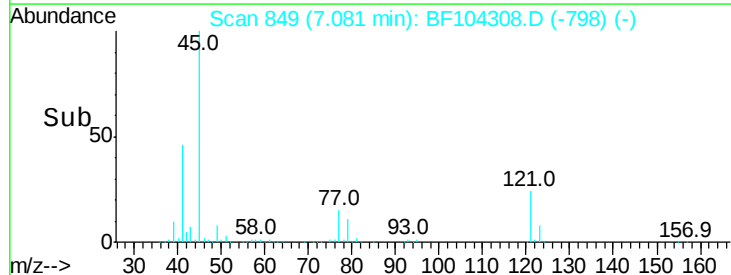
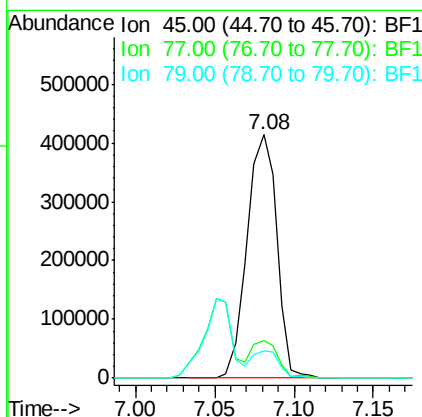
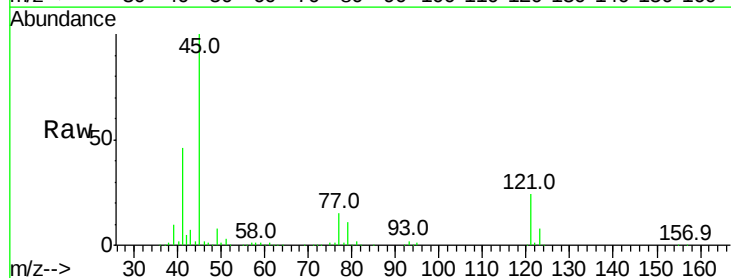
Instrument :
BNA_F
ClientSampleId :
PB107966BS

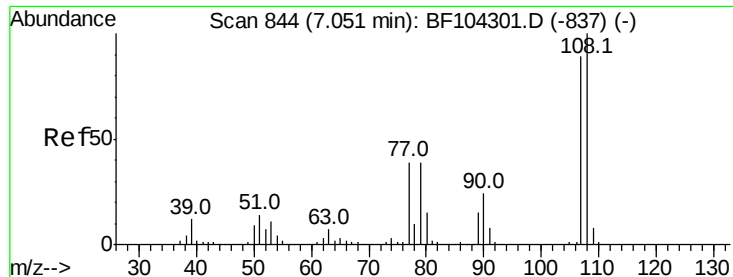
Tot Ion: 79 Resp: 377639
Ion Ratio Lower Upper
79 100
108 77.8 65.1 97.7
77 61.6 50.6 75.8



#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





#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 :

PB107966BS

Tot Ion:107 Resp: 372032

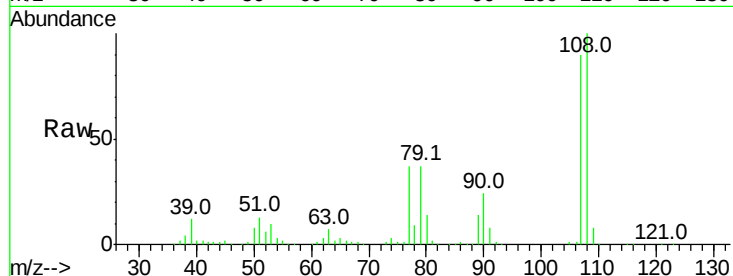
Ion Ratio Lower Upper

107 100

108 111.4 91.7 137.5

77 41.3 33.8 50.8

79 41.6 33.8 50.8

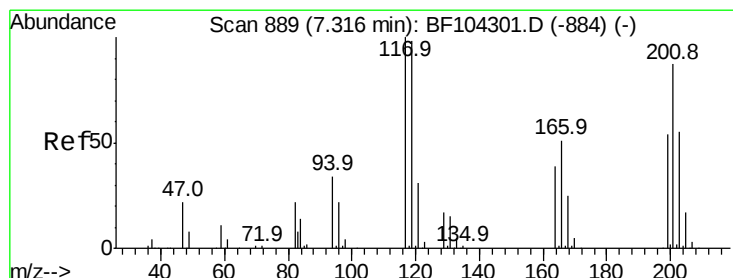
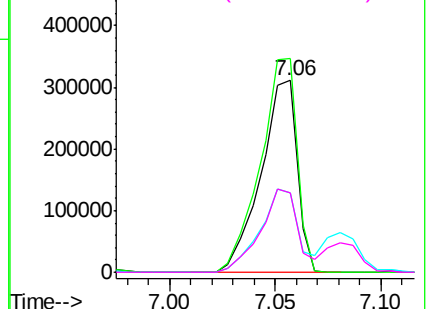
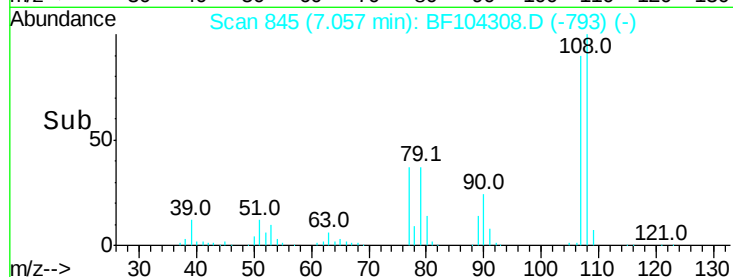


Abundance Ion 107.00 (106.70 to 107.70): E

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

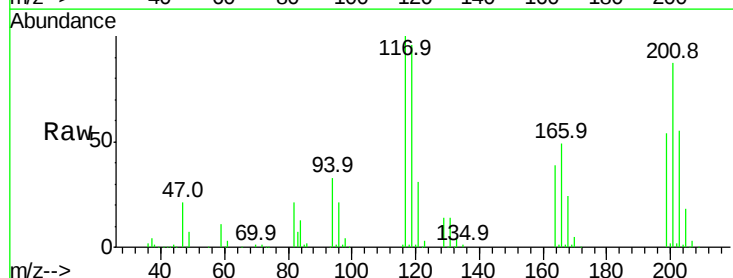
Tgt Ion:117 Resp: 164735

Ion Ratio Lower Upper

117 100

119 95.7 75.8 113.8

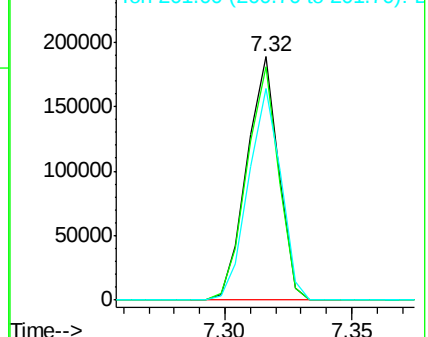
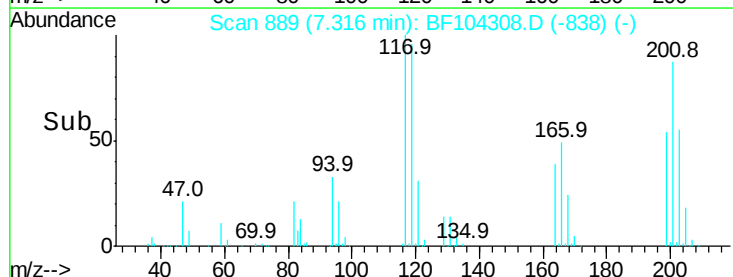
201 87.1 75.7 113.5

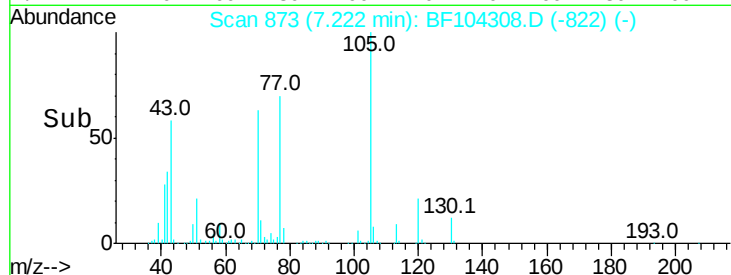
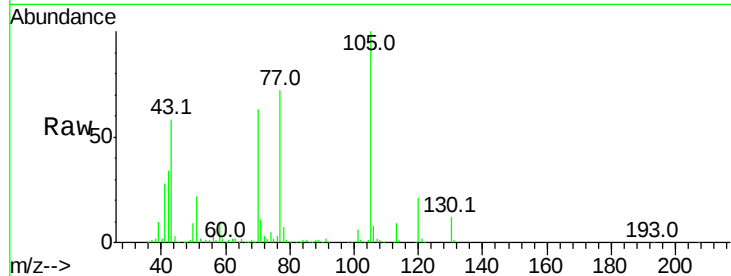
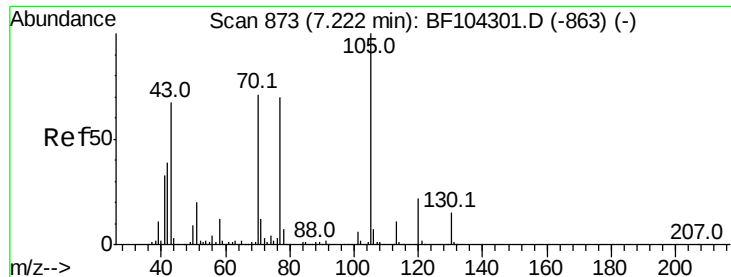


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

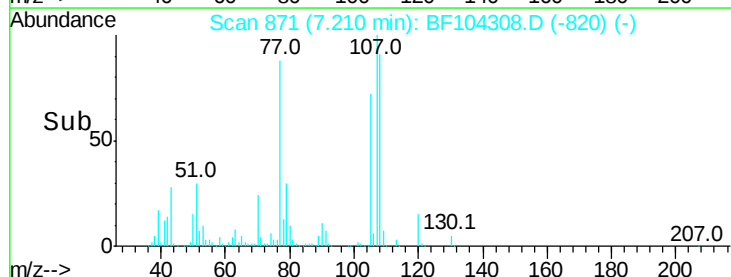
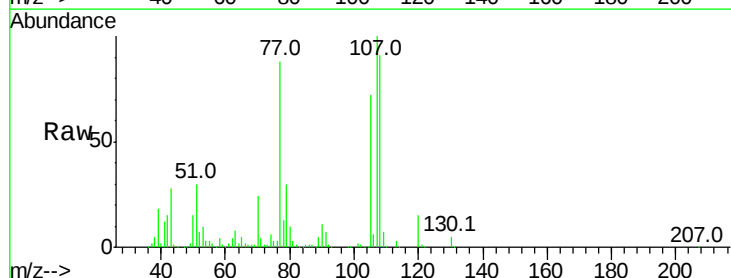
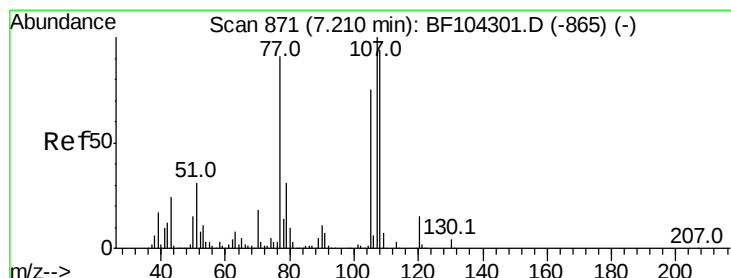
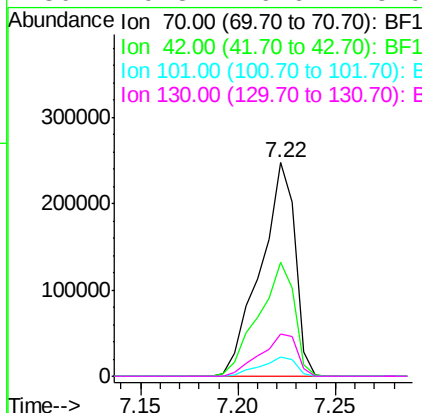




#19
n-Nitroso-di-n-propylamine
Concen: 38.614 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

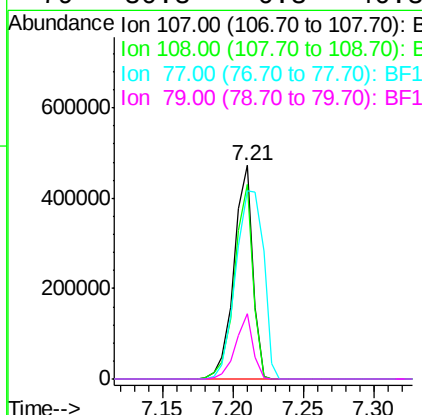
Instrument :
BNA_F
ClientSampleId :
PB107966BS

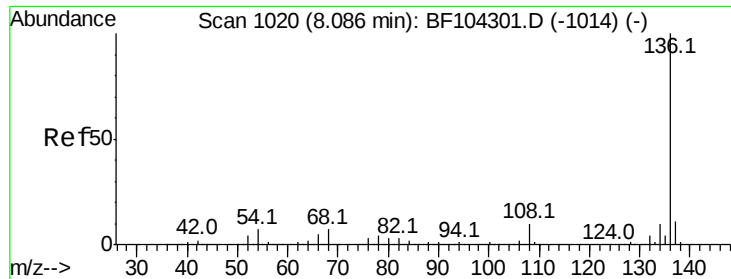
Tot Ion:	70	Resp:	304213
Ion	Ratio	Lower	Upper
70	100		
42	53.6	47.5	71.3
101	9.3	7.4	11.2
130	19.8	16.6	25.0



#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

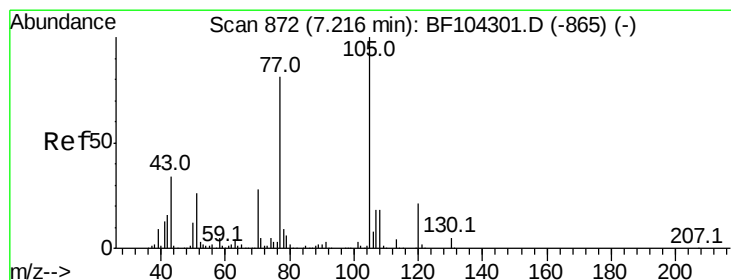
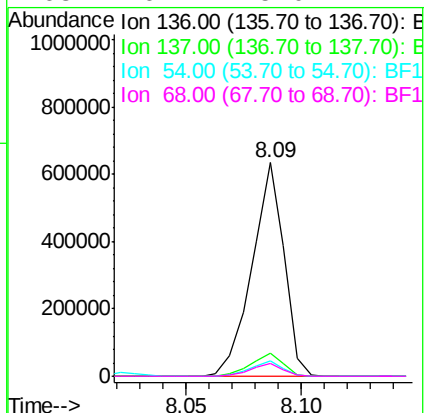
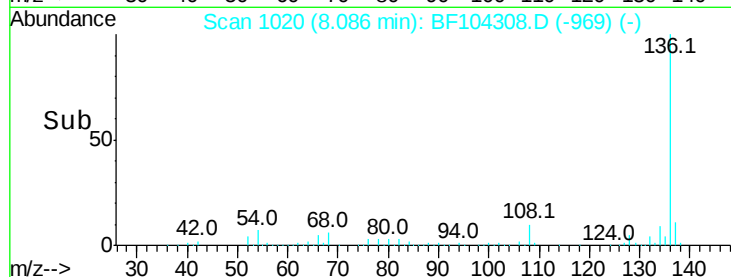
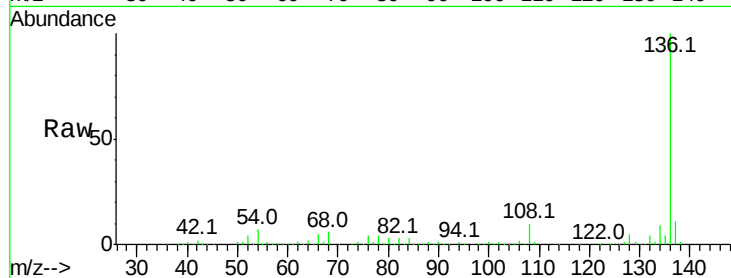




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

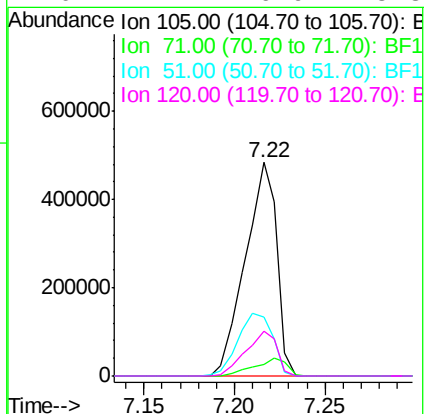
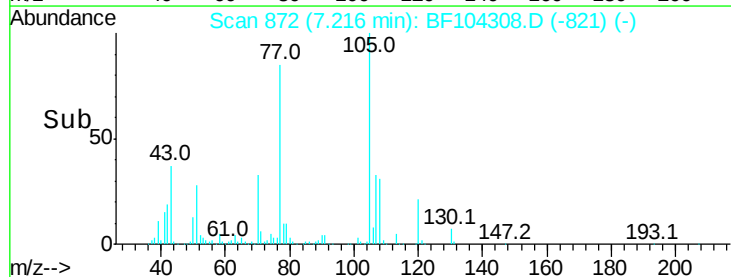
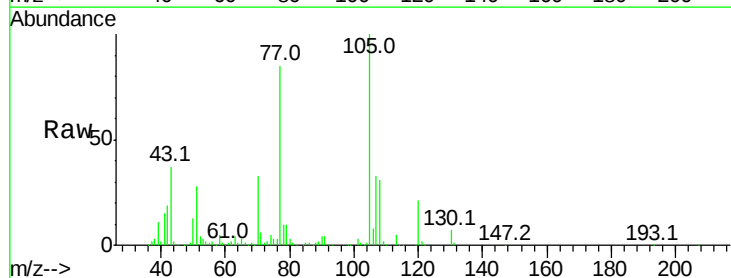
Instrument :
BNA_F
ClientSampleId :
PB107966BS

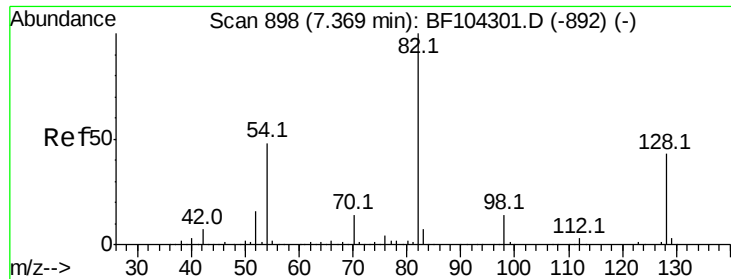
Tot Ion:136	Resp:	614320	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.9	13.3	
54 7.3	6.6	9.8	
68 6.2	5.0	7.4	



#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

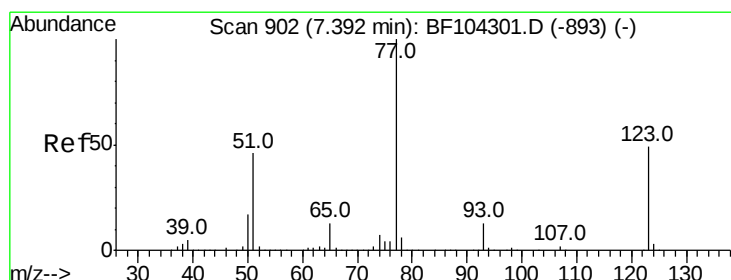
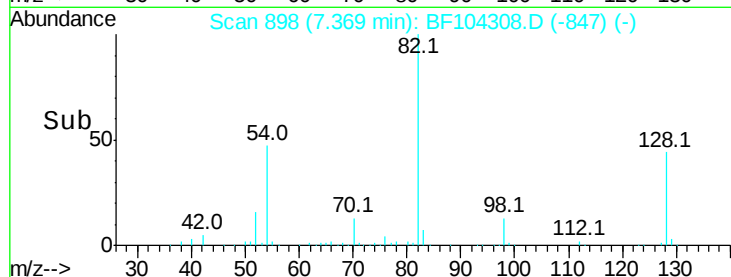
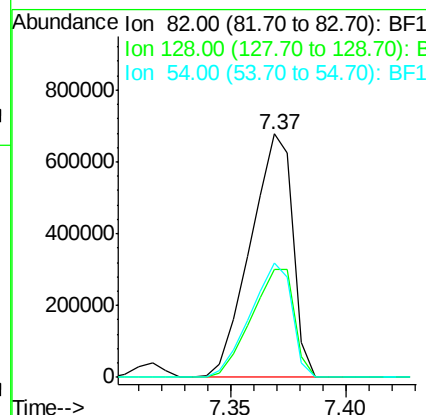
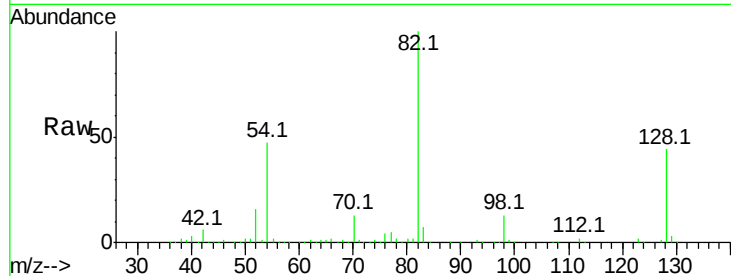




#23
 Nitrobenzene-d5
 Concen: 91.938 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

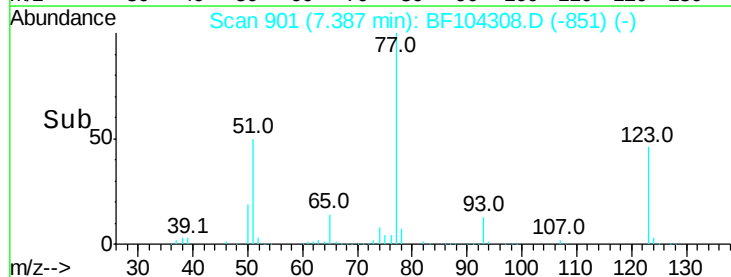
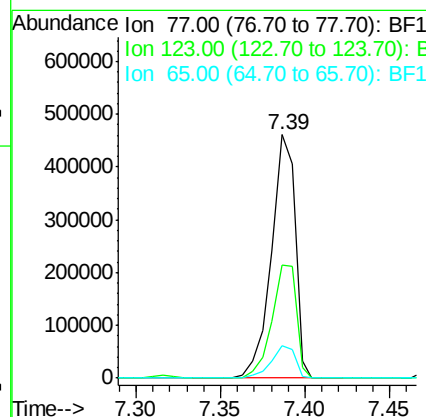
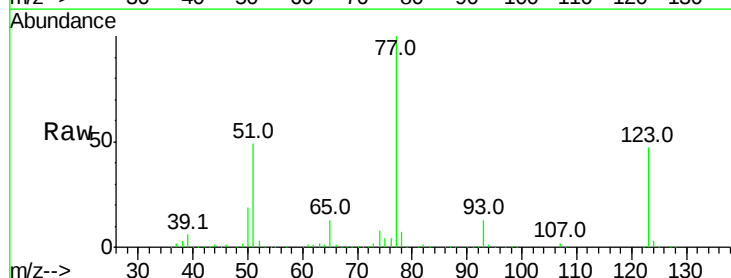
Instrument :
 BNA_F
 ClientSampleID :
 PB107966BS

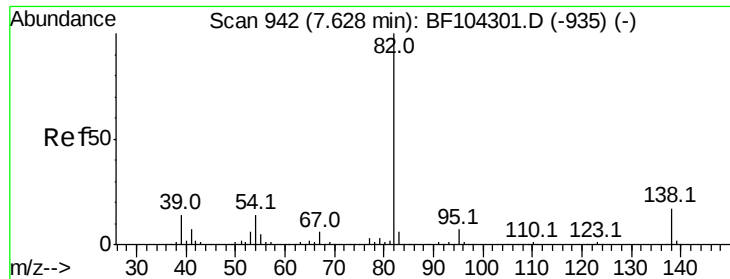
Tot Ion: 82 Resp: 864951
 Ion Ratio Lower Upper
 82 100
 128 44.3 36.1 54.1
 54 47.2 41.4 62.2



#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





#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 :

PB107966BS

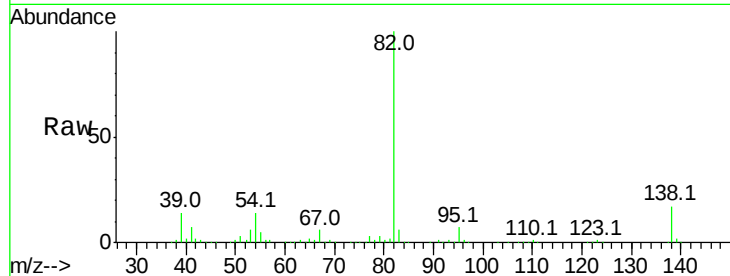
Tot Ion: 82 Resp: 856222

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

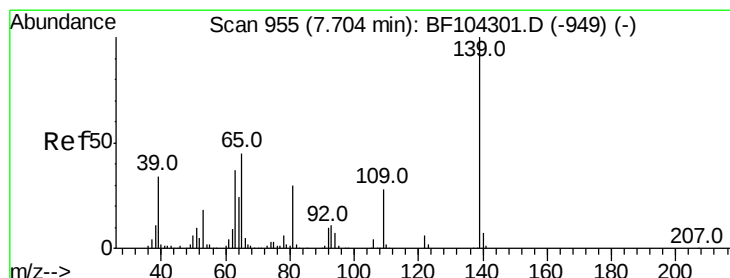
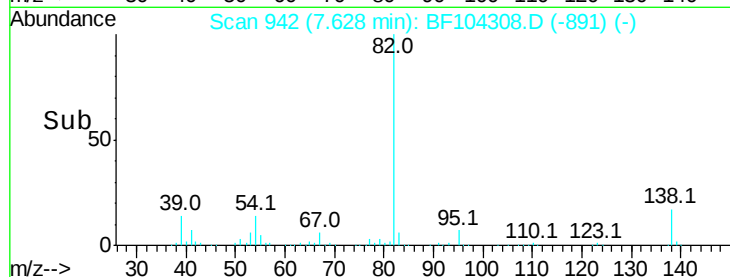
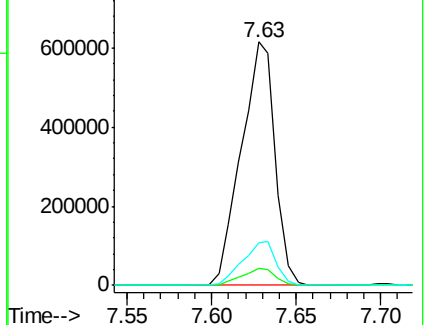
138 17.4 14.9 22.3



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

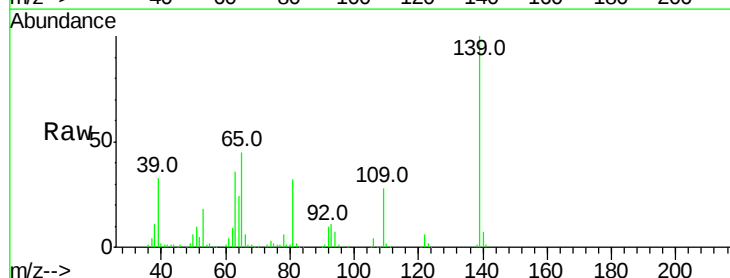
Tgt Ion: 139 Resp: 218045

Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

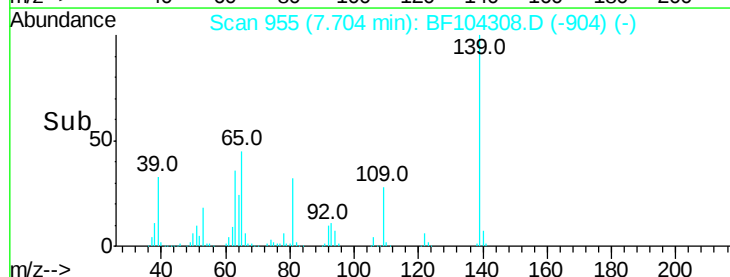
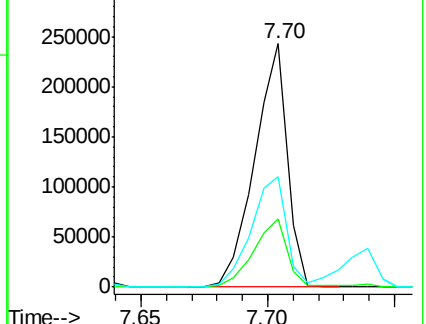
65 45.2 40.5 60.7

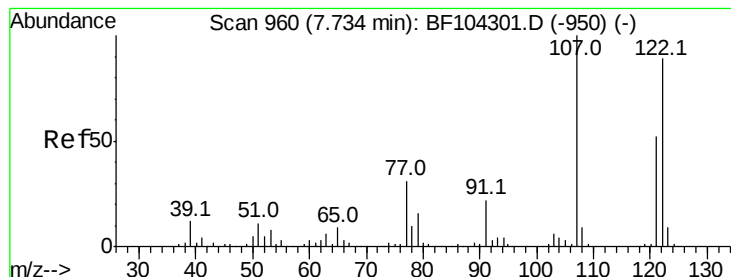


Abundance Ion 139.00 (138.70 to 139.70): BF1

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 :

PB107966BS

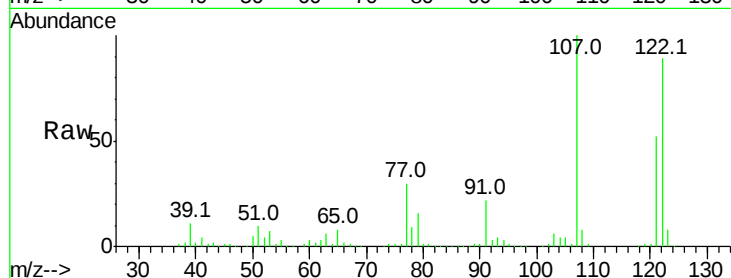
Tot Ion:122 Resp: 423852

Ion Ratio Lower Upper

122 100

107 111.8 91.2 136.8

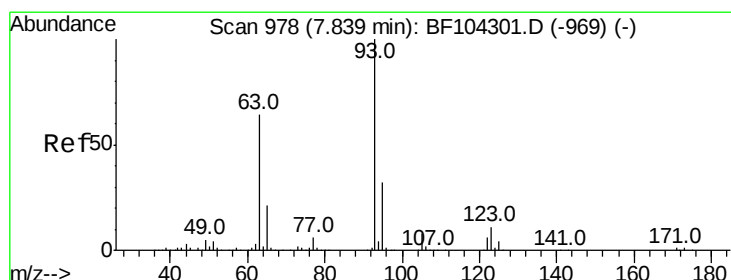
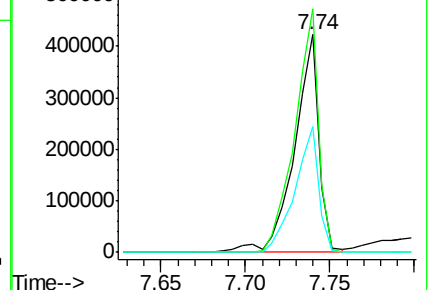
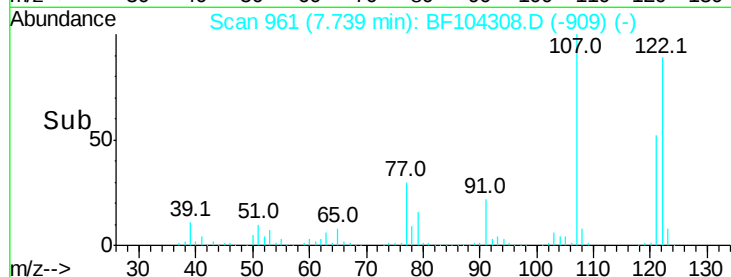
121 57.9 47.2 70.8



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

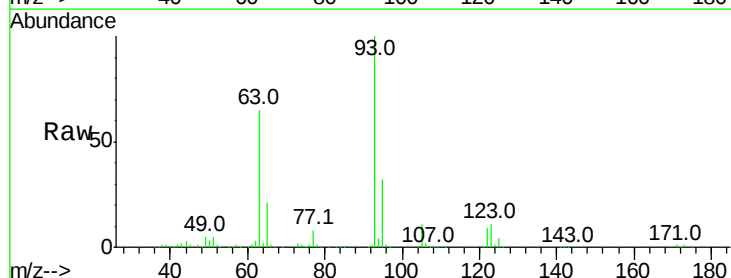
Tgt Ion: 93 Resp: 539810

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

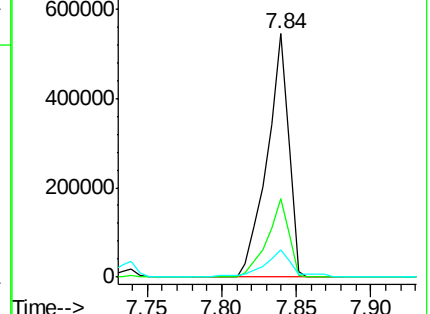
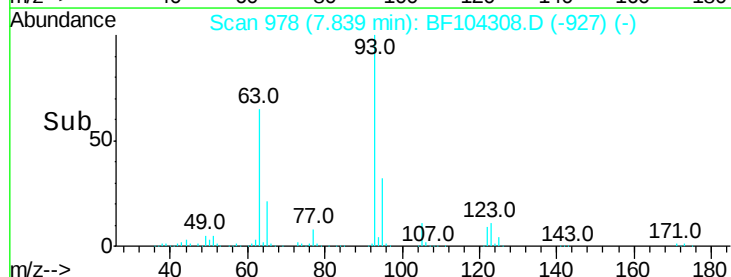
123 11.3 9.8 14.6

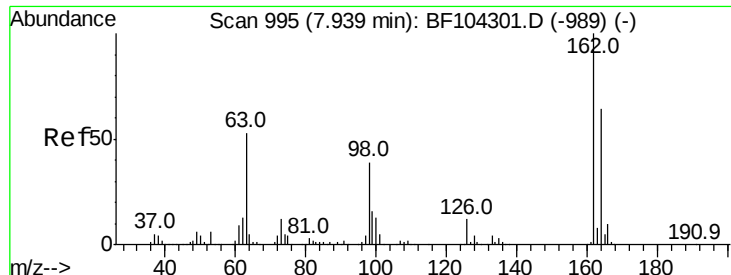


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

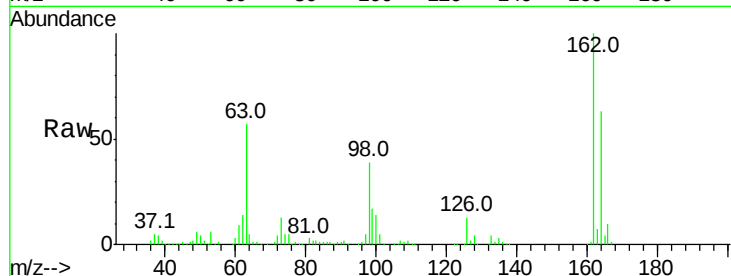




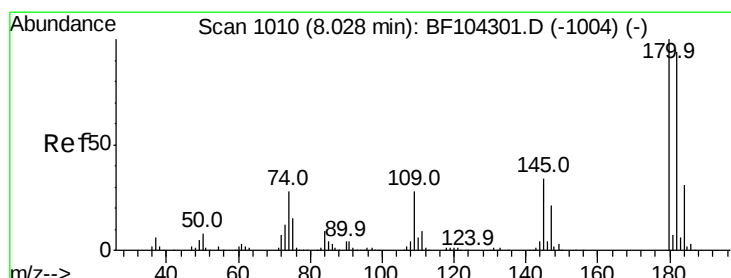
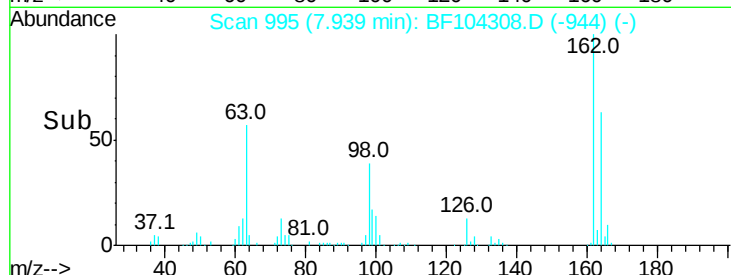
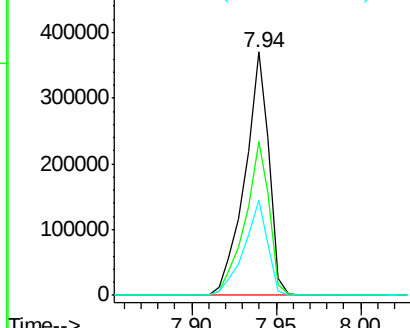
#29
 2,4-Dichlorophenol
 Concen: 43.993 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

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

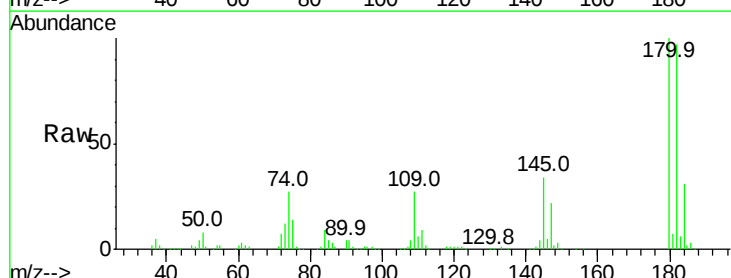


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

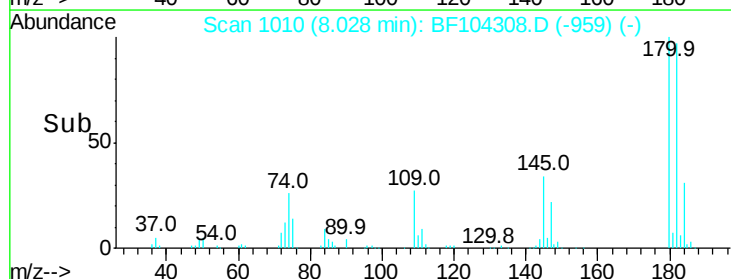
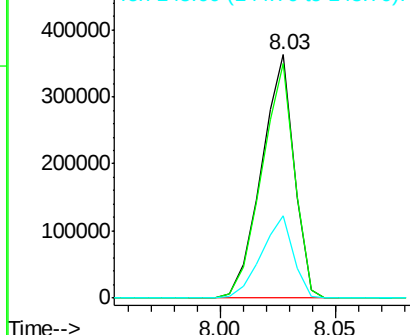


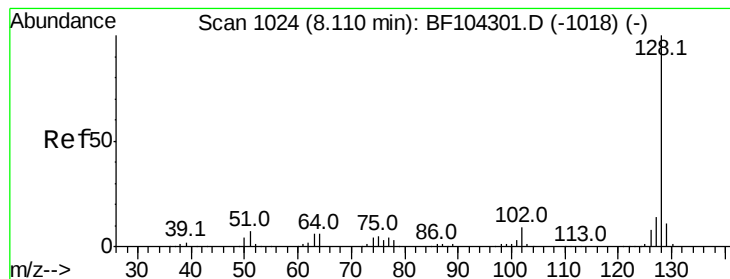
#30
 1,2,4-Trichlorobenzene
 Concen: 38.731 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

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 :

PB107966BS

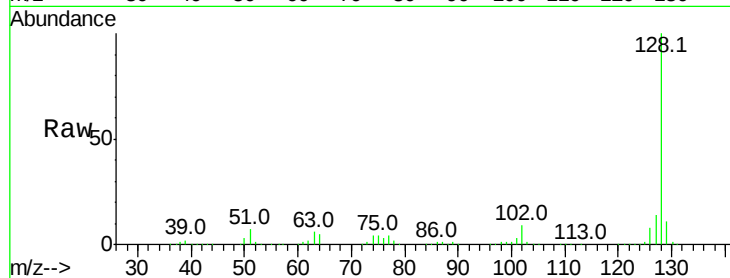
Tot Ion:128 Resp: 1234706

Ion Ratio Lower Upper

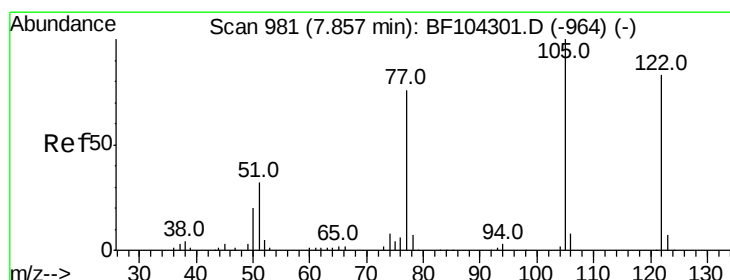
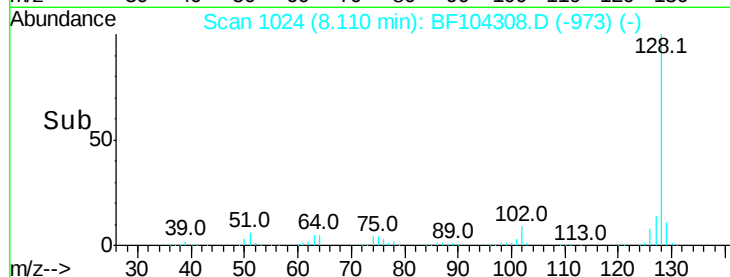
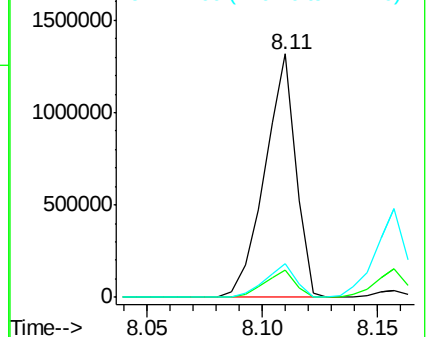
128 100

129 11.3 8.8 13.2

127 13.8 10.9 16.3



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



#32

Benzoic acid

Concen: 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

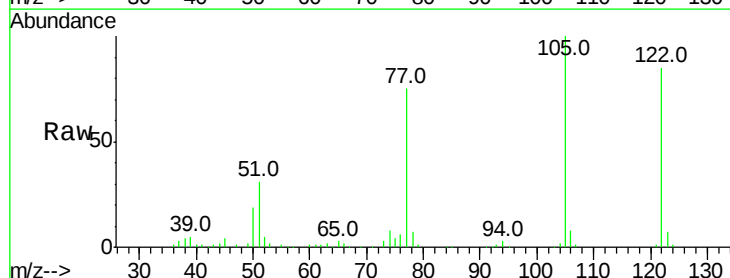
Tgt Ion:122 Resp: 292823

Ion Ratio Lower Upper

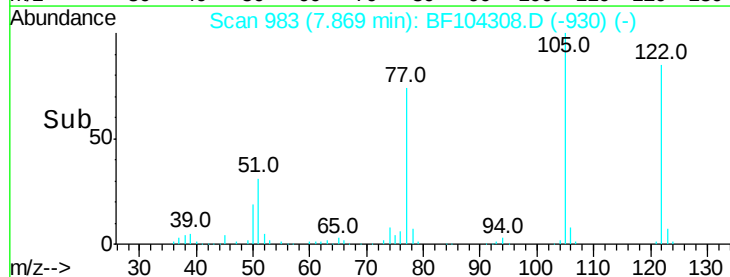
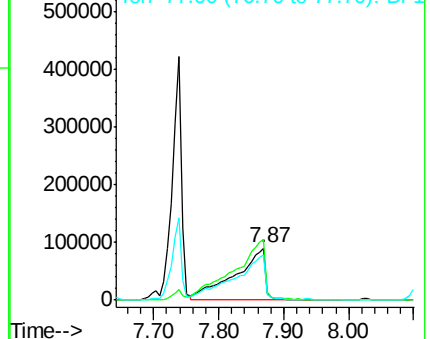
122 100

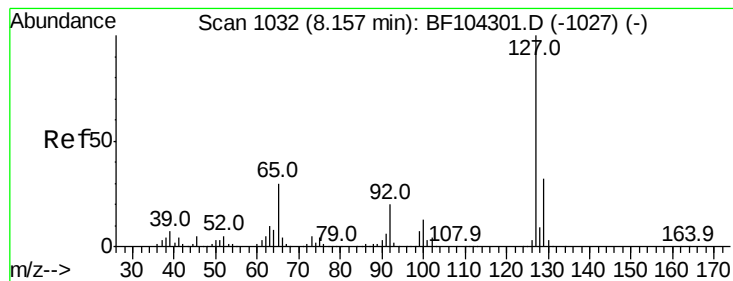
105 117.4 101.1 141.1

77 87.9 70.7 110.7



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





#33

4-Chloroaniline

Concen: 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 :

PB107966BS

Tot Ion:127 Resp: 437241

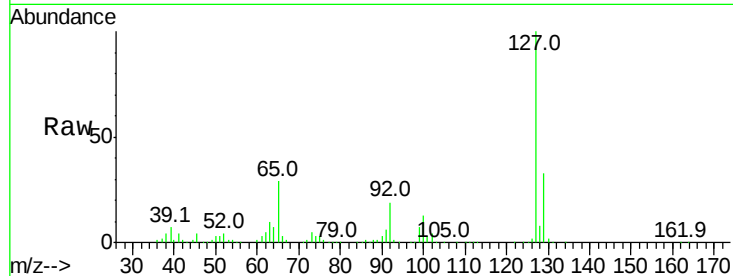
Ion Ratio Lower Upper

127 100

129 32.9 25.9 38.9

65 29.3 25.0 37.4

92 19.1 15.2 22.8

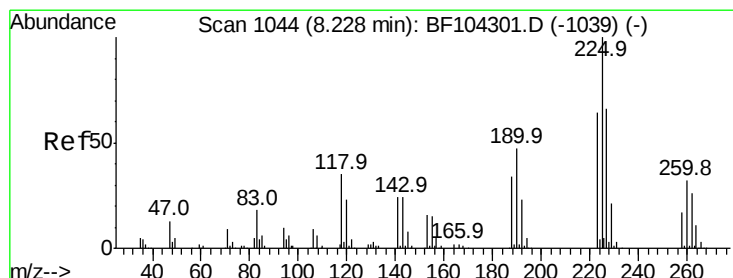
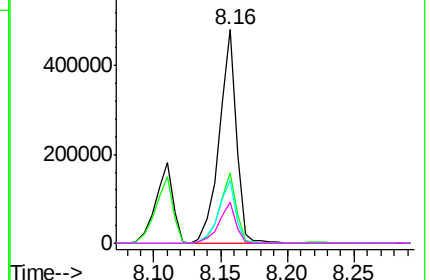
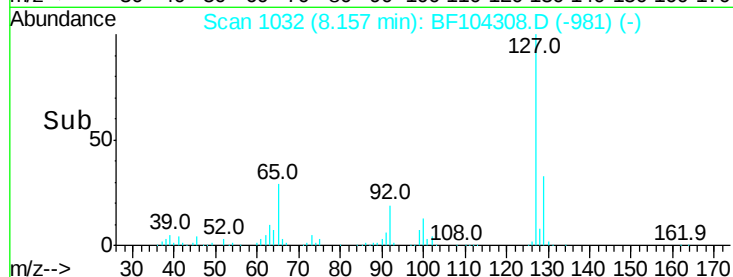


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 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

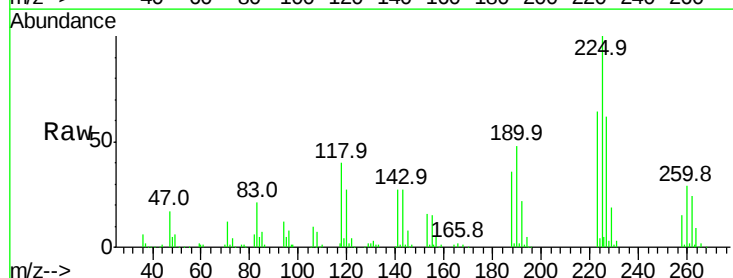
Tgt Ion:225 Resp: 193408

Ion Ratio Lower Upper

225 100

223 63.6 50.6 76.0

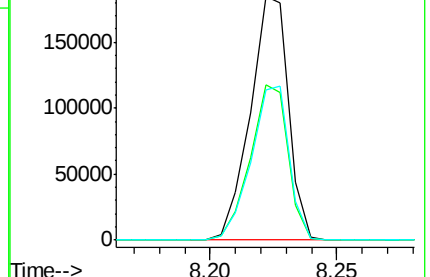
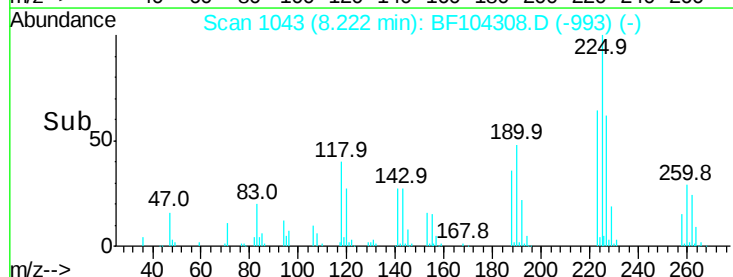
227 61.6 51.9 77.9

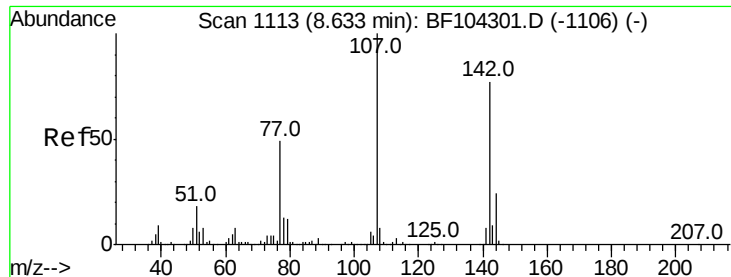


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#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

ClientSampleId :

PB107966BS

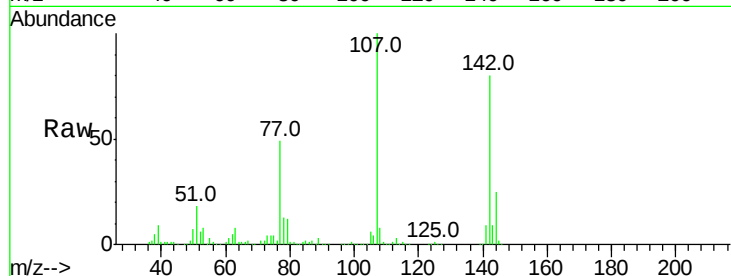
Tot Ion:107 Resp: 400806

Ion Ratio Lower Upper

107 100

144 25.4 20.5 30.7

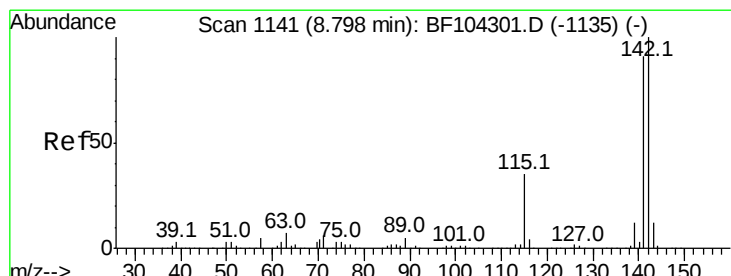
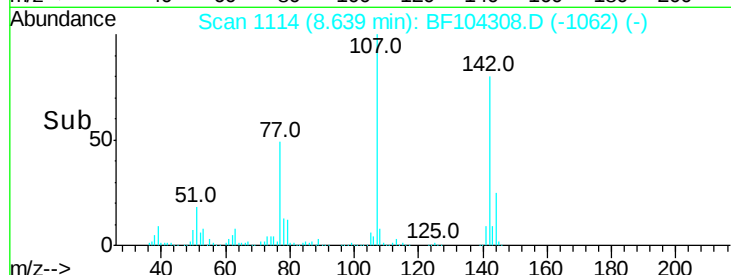
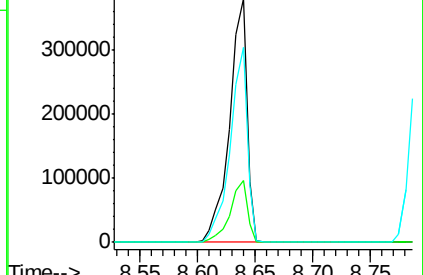
142 79.9 62.0 93.0



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

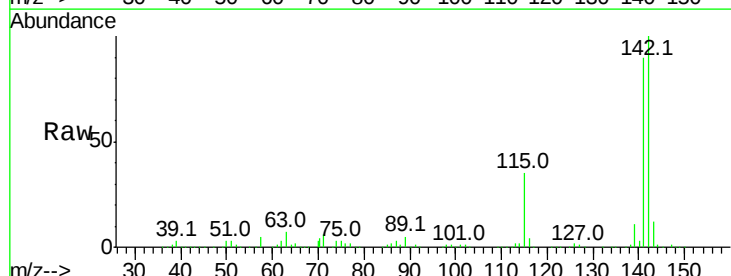
Tgt Ion:142 Resp: 820796

Ion Ratio Lower Upper

142 100

141 90.3 70.8 106.2

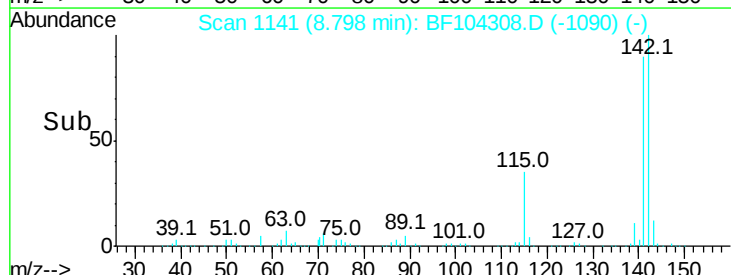
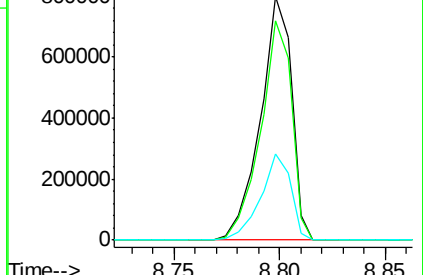
115 35.4 26.1 39.1

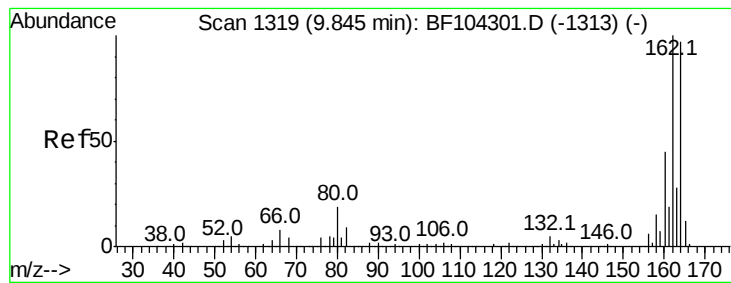


Abundance Ion 142.00 (141.70 to 142.70): E

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 :

PB107966BS

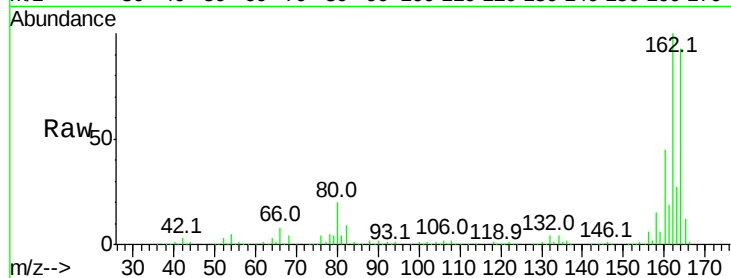
Tot Ion:164 Resp: 285913

Ion Ratio Lower Upper

164 100

162 107.1 86.1 129.1

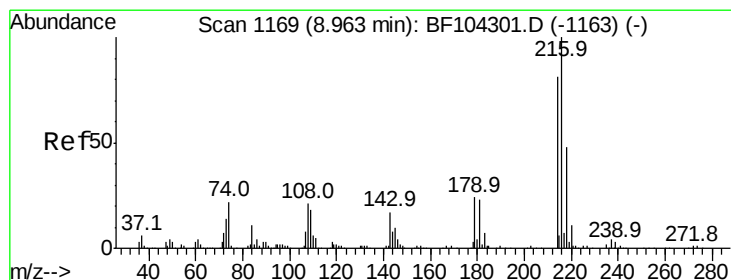
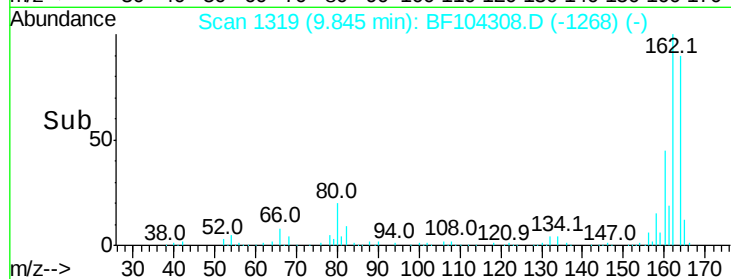
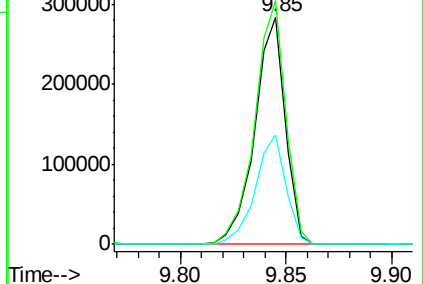
160 47.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 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:216 Resp: 325043

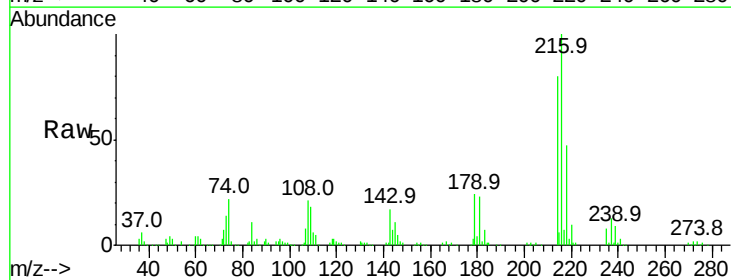
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 23.0 18.1 27.1

108 23.9 17.2 25.8

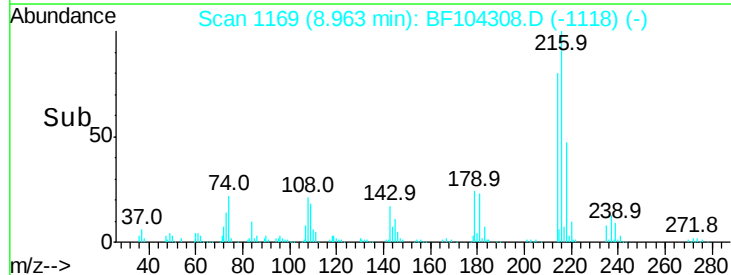
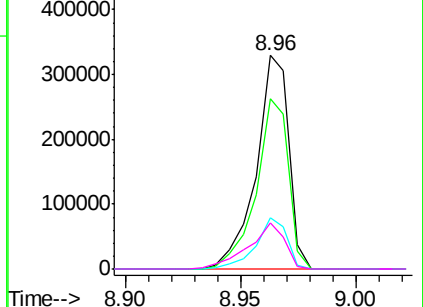


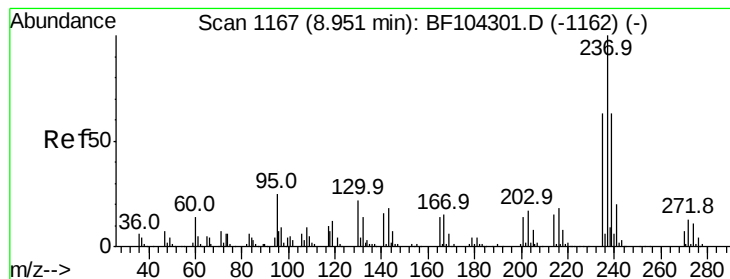
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 88.110 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

ClientSampleId :

PB107966BS

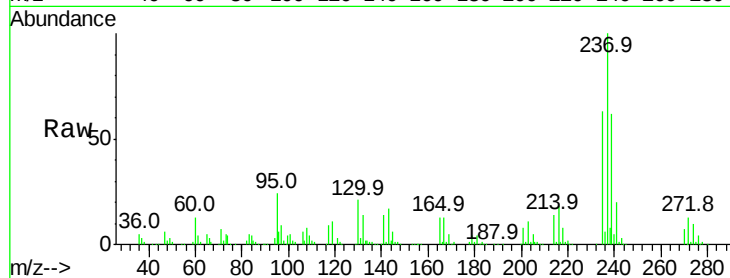
Tot Ion:237 Resp: 403717

Ion Ratio Lower Upper

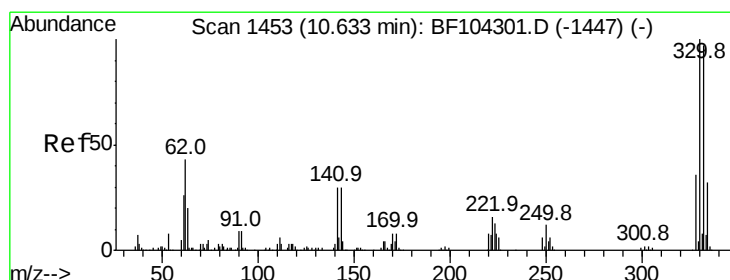
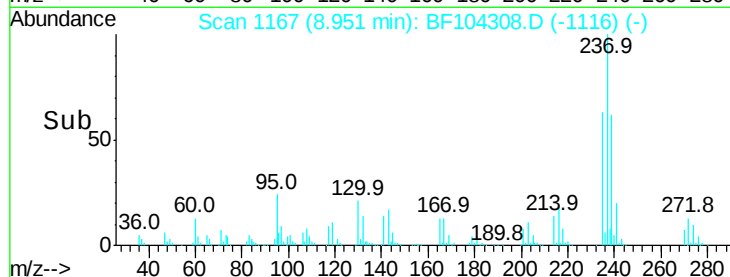
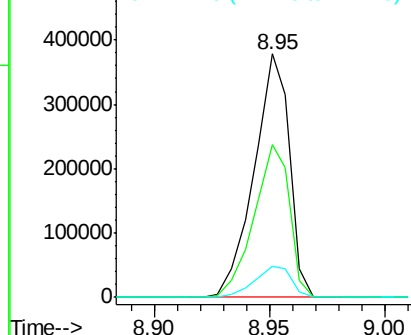
237 100

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

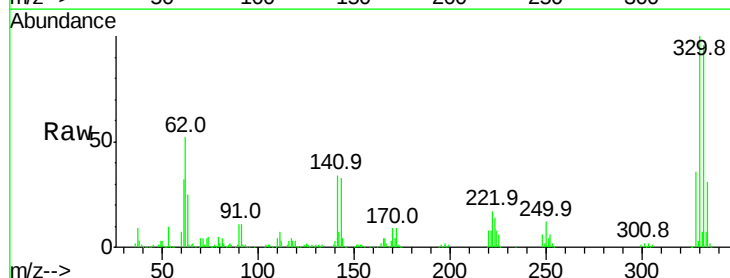
Tgt Ion:330 Resp: 379822

Ion Ratio Lower Upper

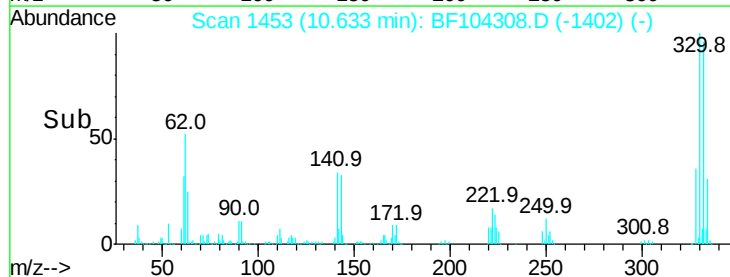
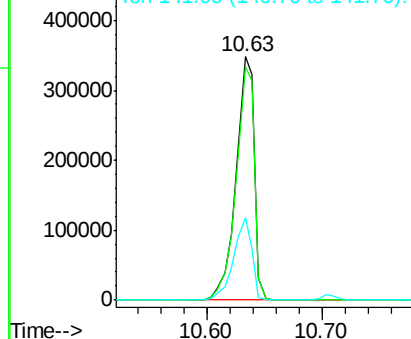
330 100

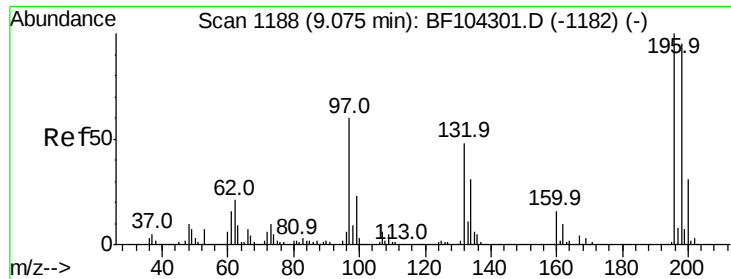
332 96.2 77.0 115.6

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

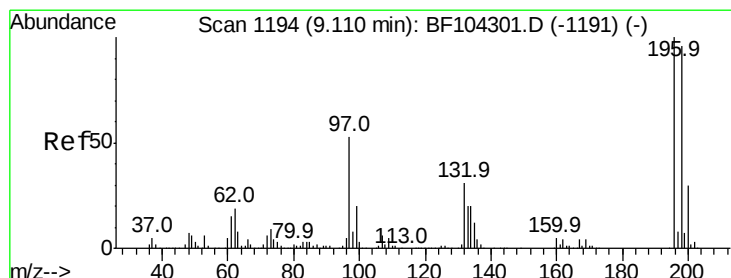
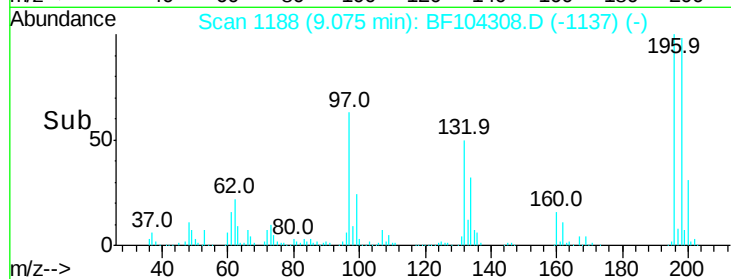
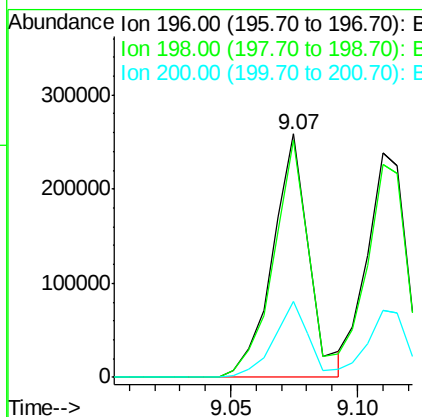
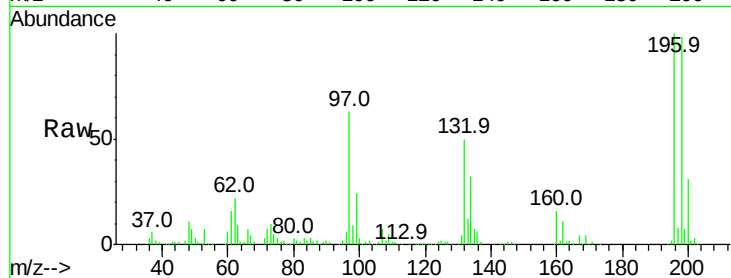




#42
 2,4,6-Trichlorophenol
 Concen: 45.606 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

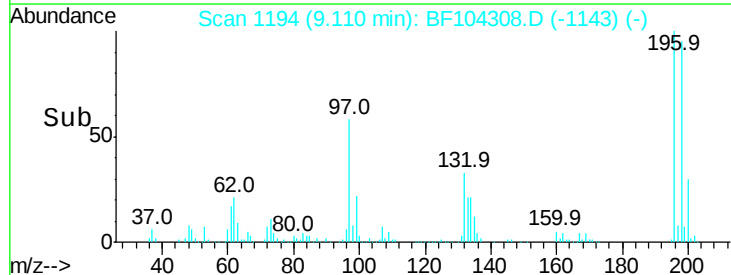
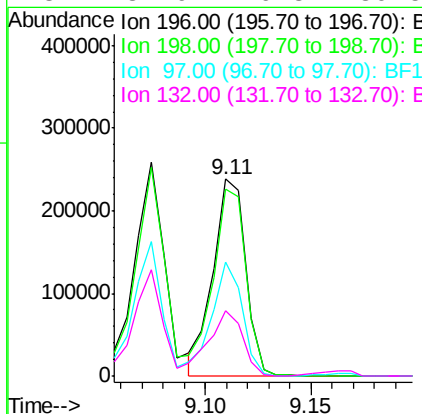
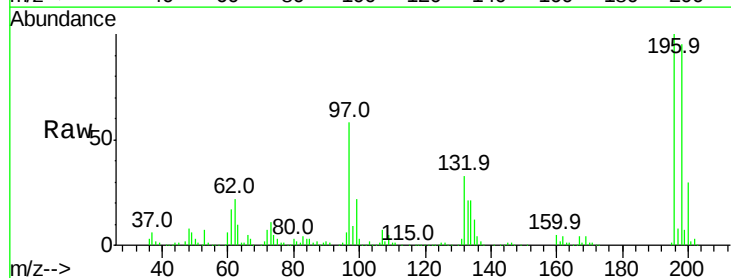
Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

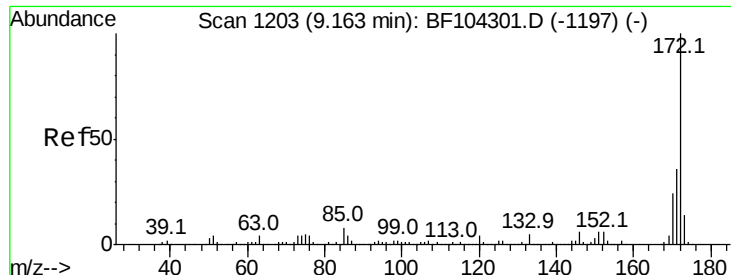
Tot Ion:196	Resp:	259110	
Ion Ratio	Lower	Upper	
196	100		
198	97.6	75.7	113.5
200	31.1	24.5	36.7



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



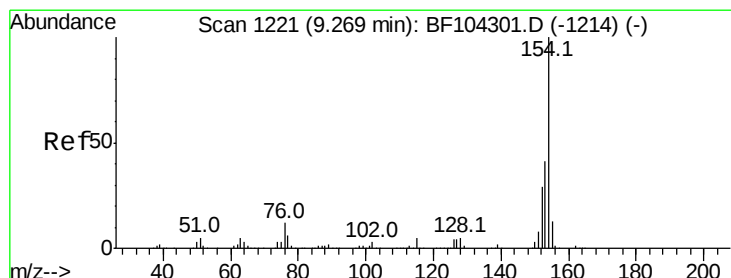
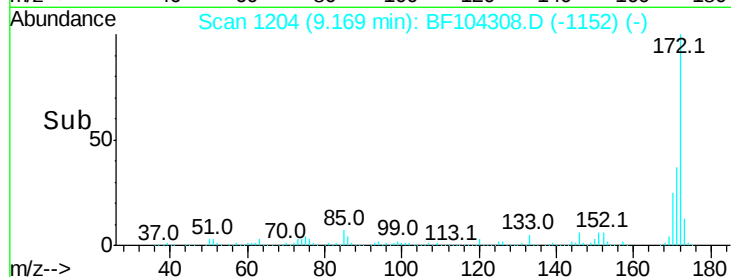
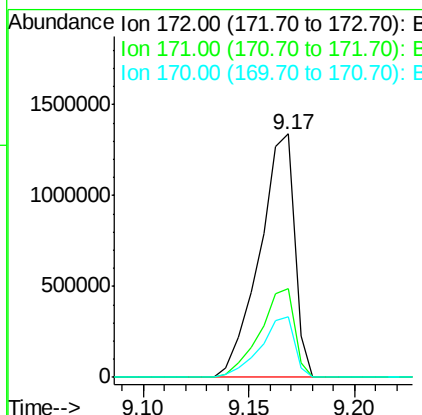
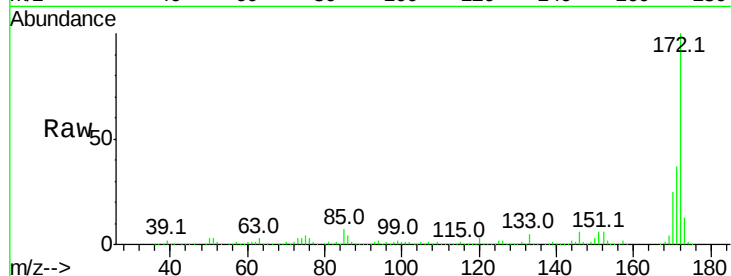


#44
 2-Fluorobiphenyl
 Concen: 85.366 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

Tot Ion:172 Resp: 1545005

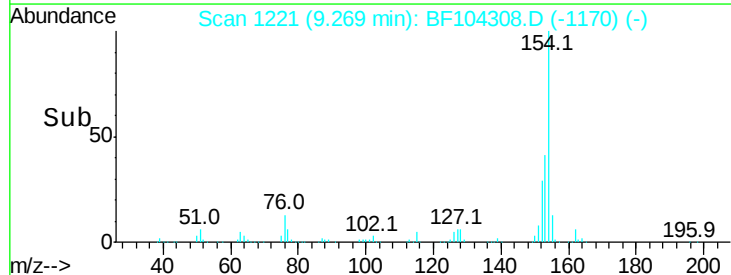
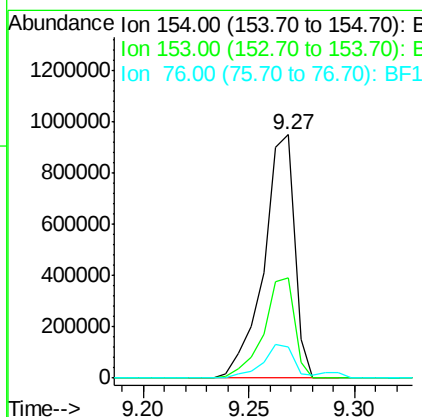
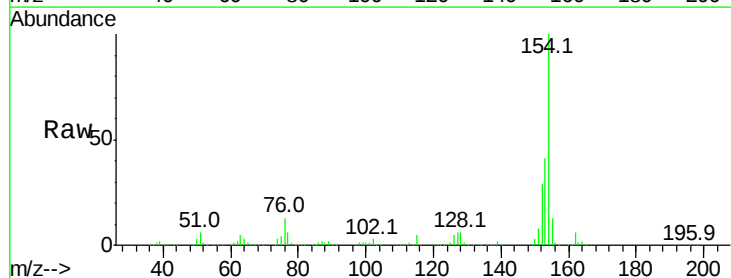
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	19.6	29.4

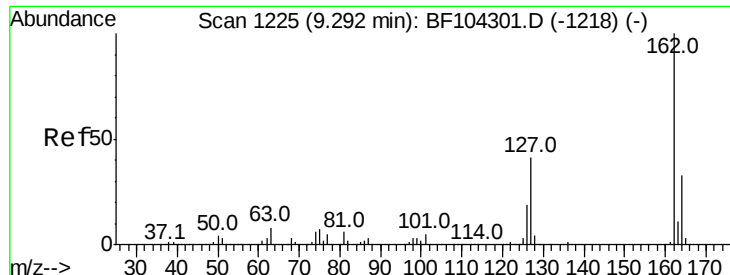


#45
 1,1'-Biphenyl
 Concen: 40.221 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

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

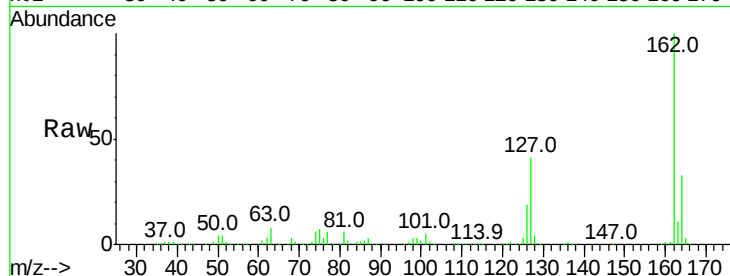




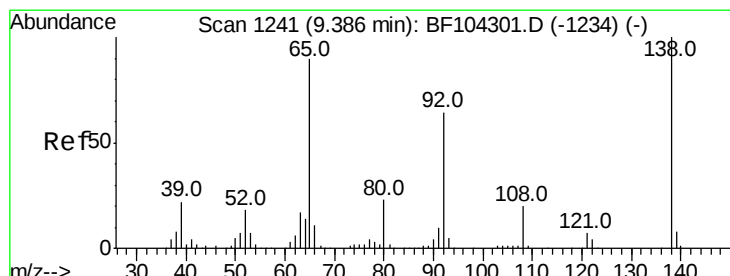
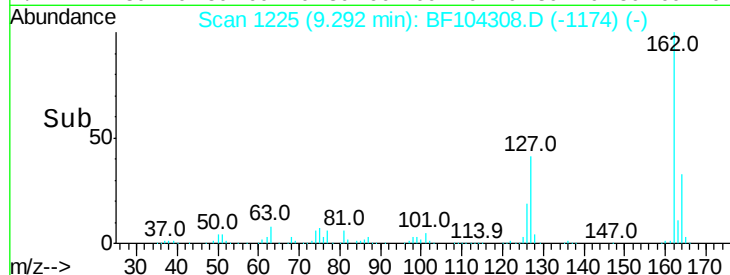
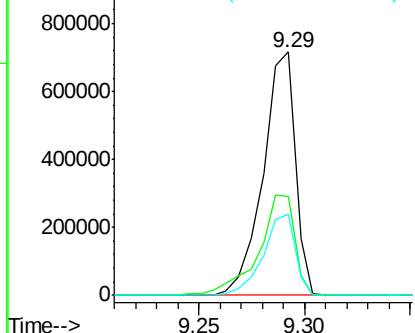
#46
2-Chloronaphthalene
Concen: 40.143 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

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

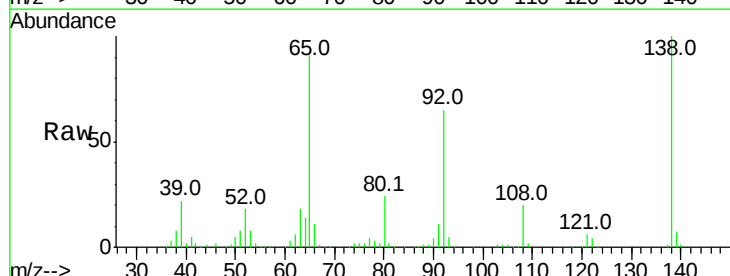


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

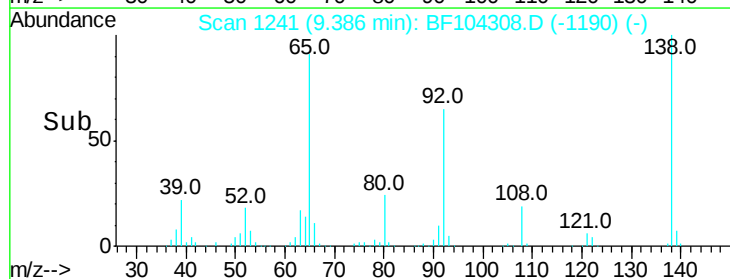
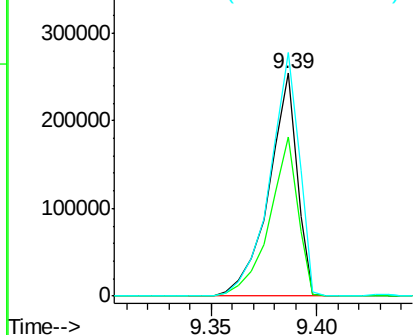


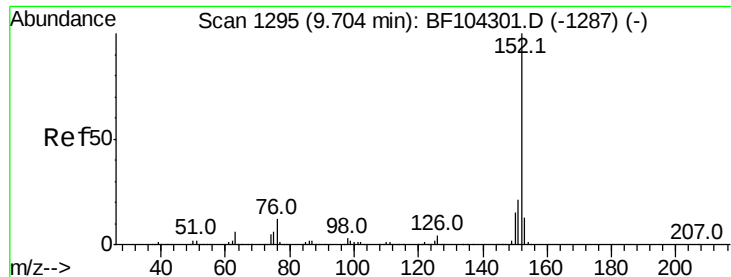
#47
2-Nitroaniline
Concen: 50.360 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

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



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





#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 :

PB107966BS

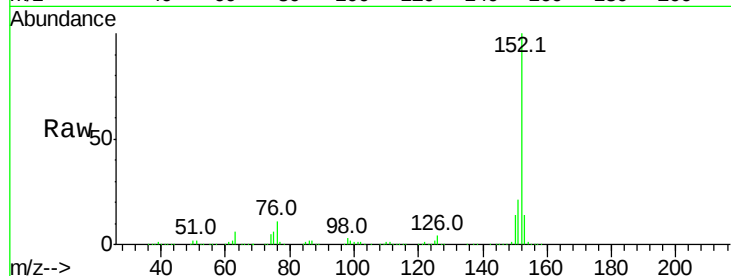
Tot Ion:152 Resp: 1192710

Ion Ratio Lower Upper

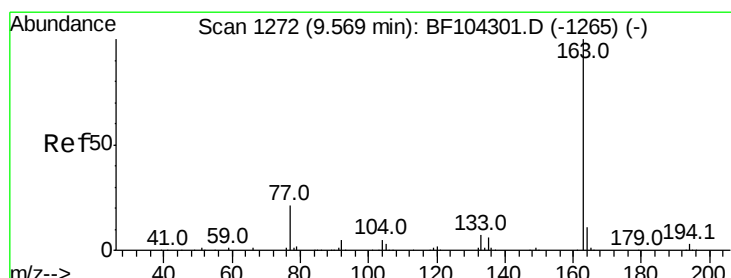
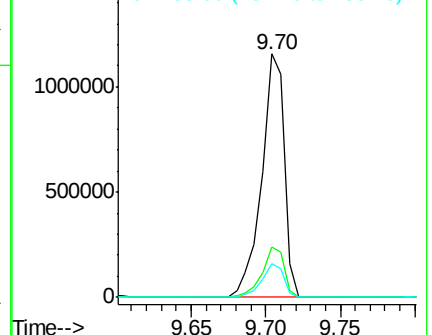
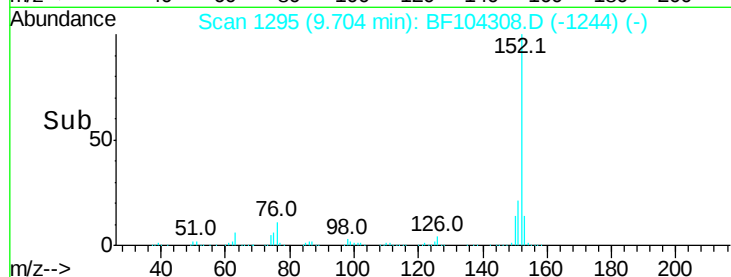
152 100

151 20.8 16.3 24.5

153 13.6 10.7 16.1



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



#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

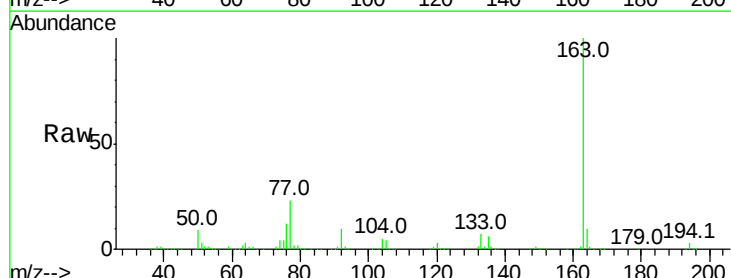
Tgt Ion:163 Resp: 916236

Ion Ratio Lower Upper

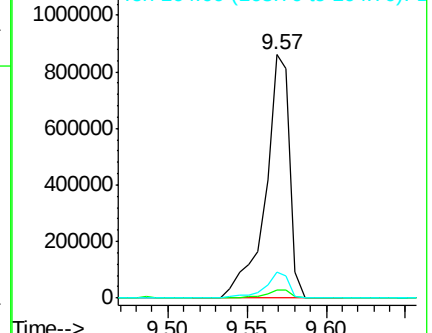
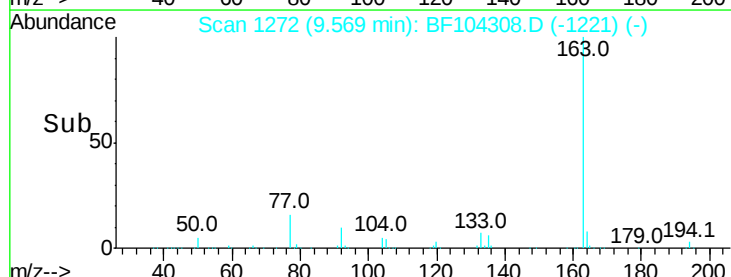
163 100

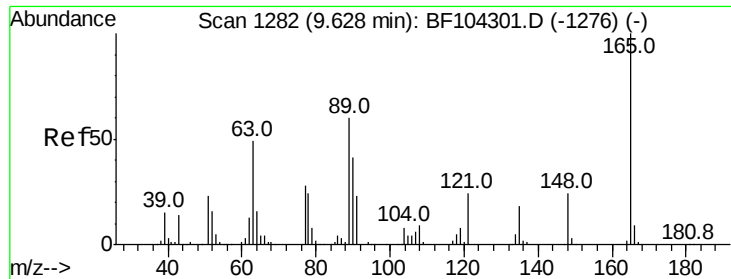
194 3.4 2.7 4.1

164 10.5 8.2 12.2



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

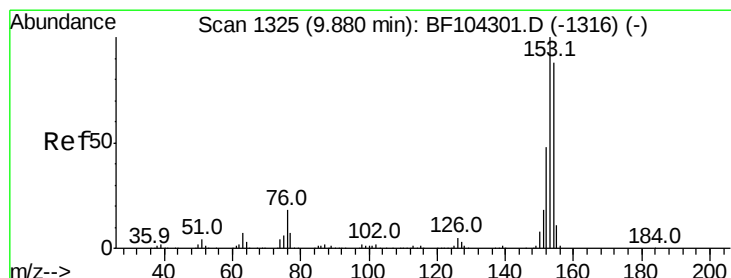
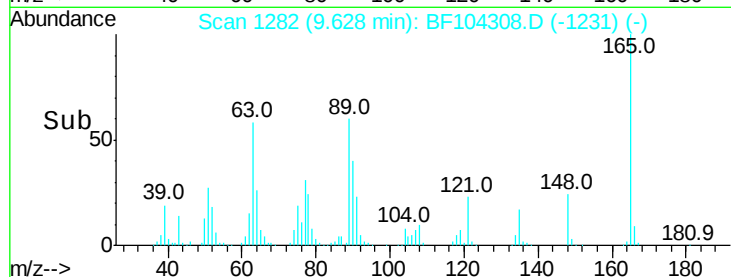
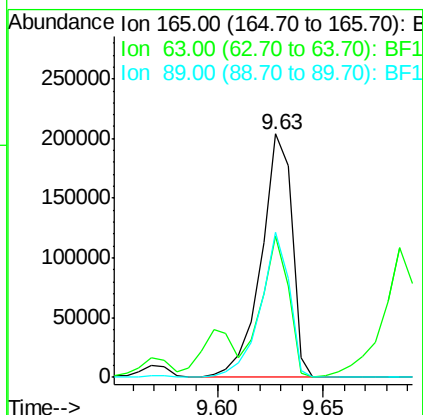
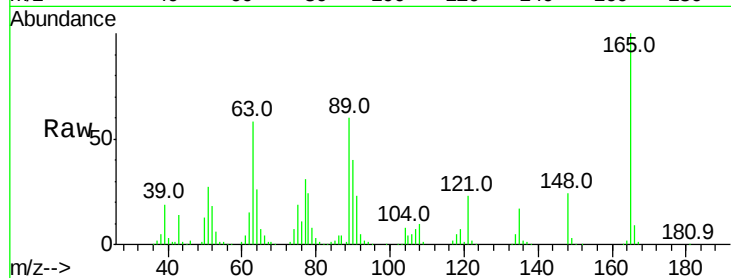




#50
 2,6-Dinitrotoluene
 Concen: 49.512 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

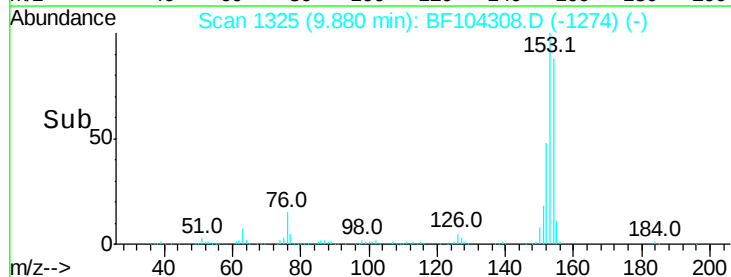
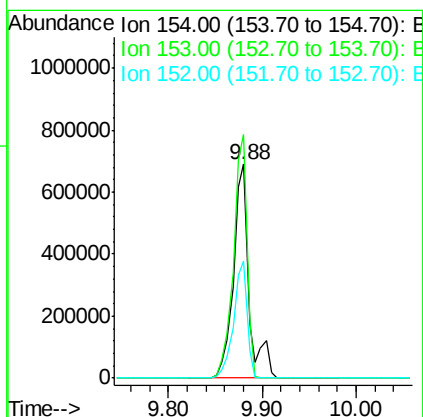
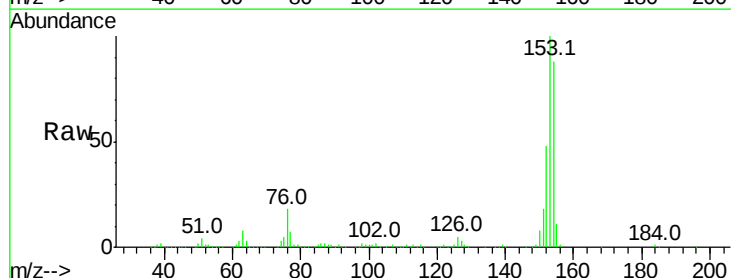
Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

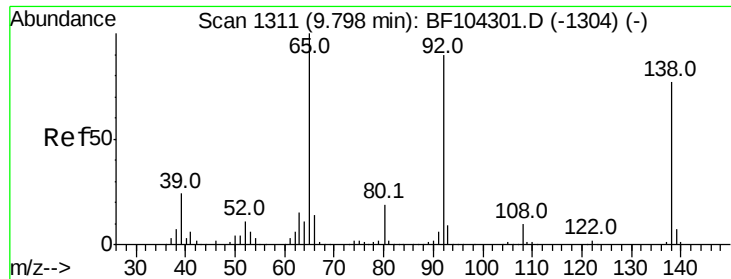
Tot Ion:165 Resp: 206562
 Ion Ratio Lower Upper
 165 100
 63 57.8 44.7 67.1
 89 59.8 44.0 66.0



#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

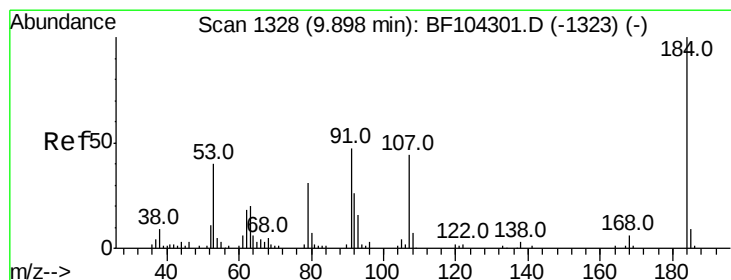
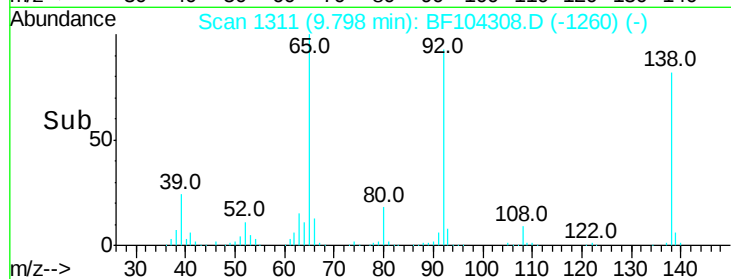
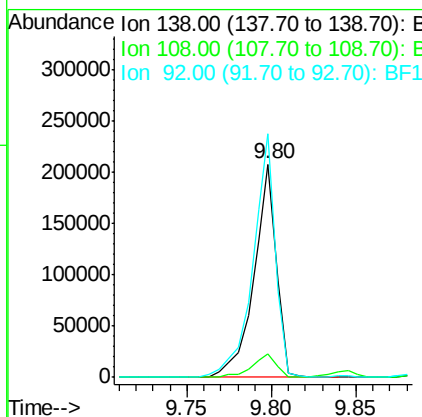
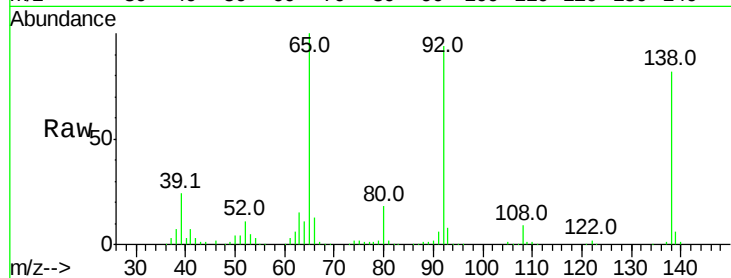




#52
 3-Nitroaniline
 Concen: 39.566 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

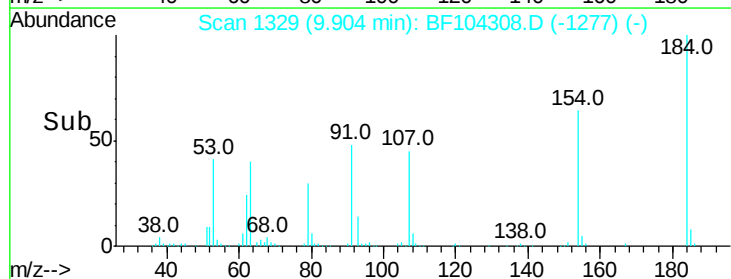
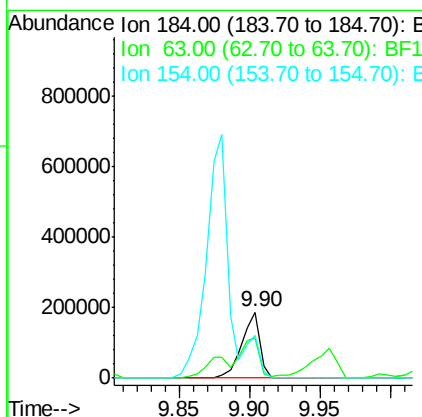
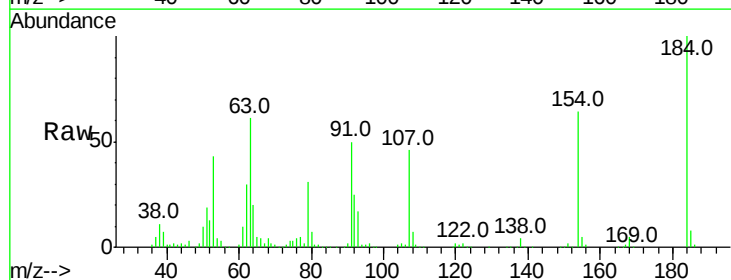
Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

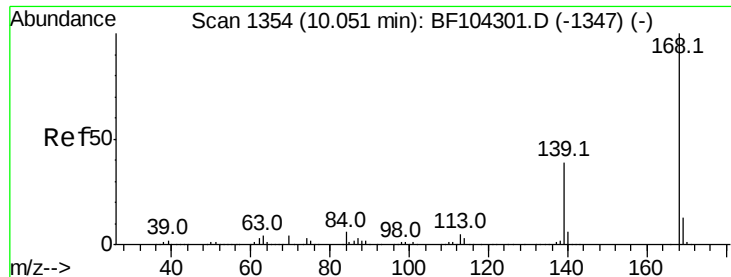
Tot Ion:138 Resp: 193247
 Ion Ratio Lower Upper
 138 100
 108 11.1 9.4 14.0
 92 114.1 89.4 134.2



#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 :

PB107966BS

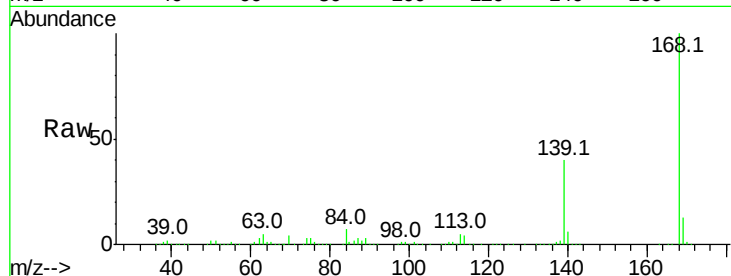
Tot Ion:168 Resp: 1069892

Ion Ratio Lower Upper

168 100

139 39.7 30.1 45.1

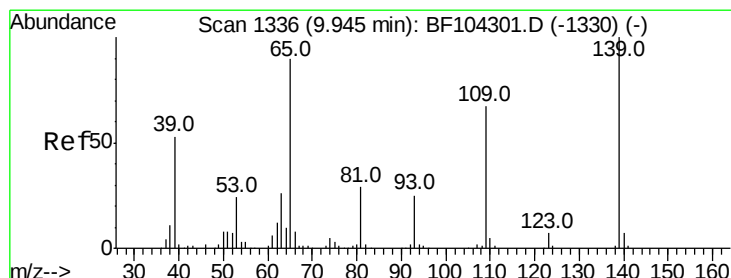
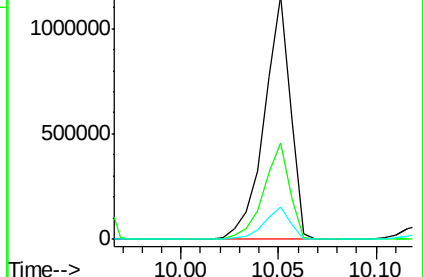
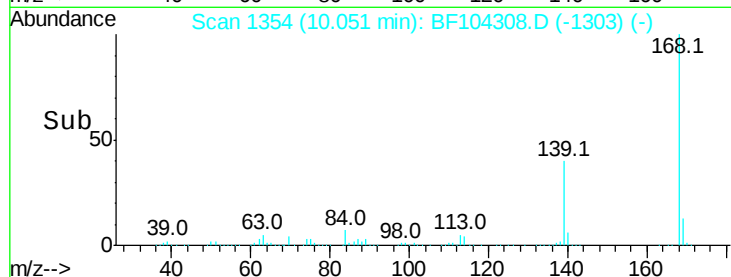
169 13.4 10.9 16.3



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

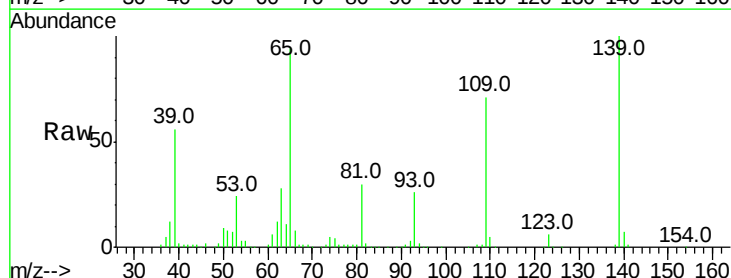
Tgt Ion:139 Resp: 391617

Ion Ratio Lower Upper

139 100

109 70.6 48.4 88.4

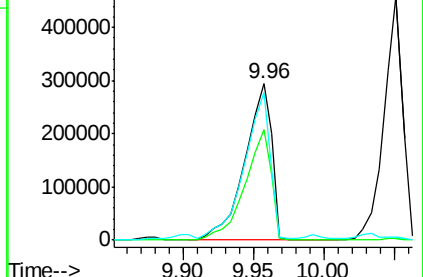
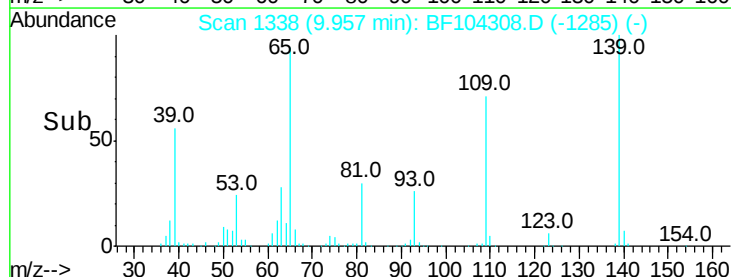
65 94.5 72.6 112.6

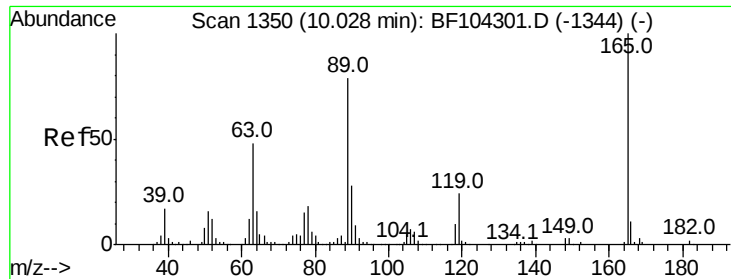


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

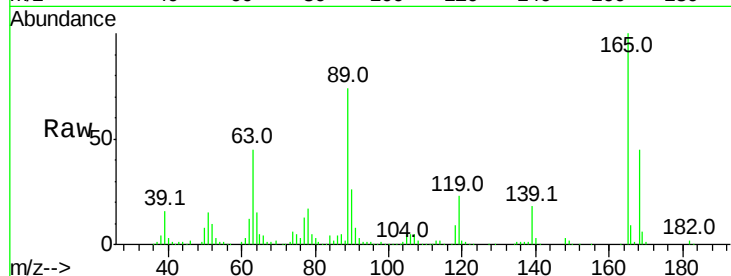




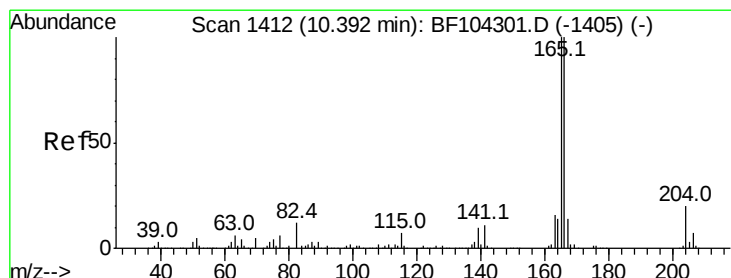
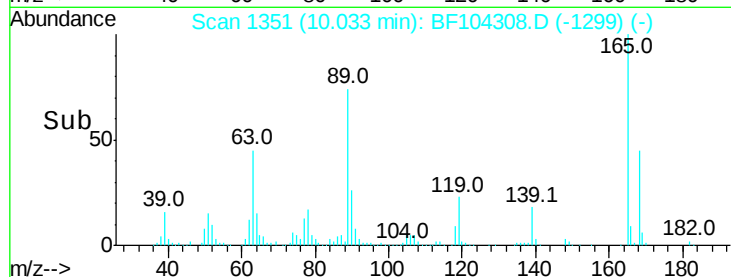
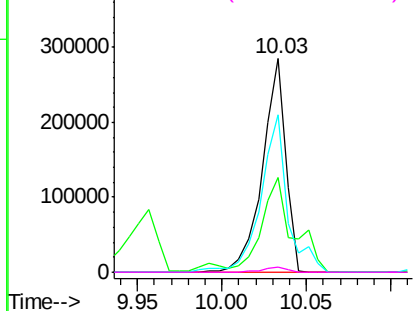
#56
2,4-Dinitrotoluene
Concen: 49.759 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

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

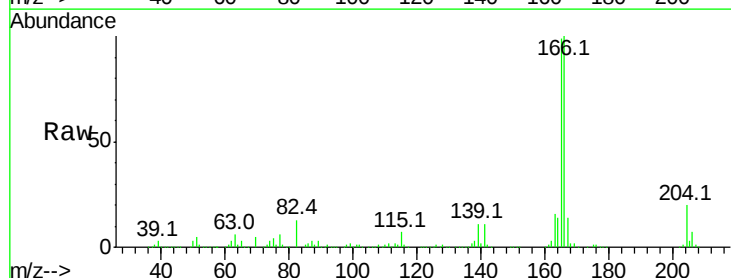


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

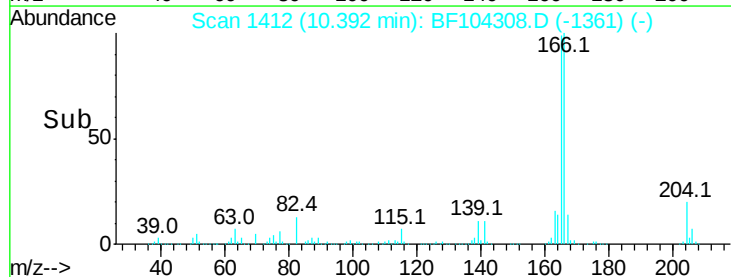
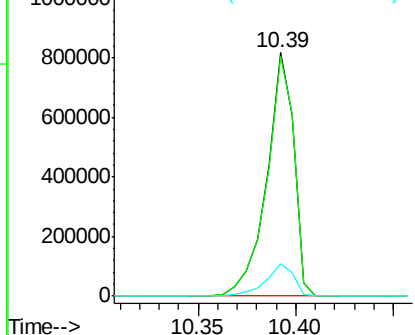


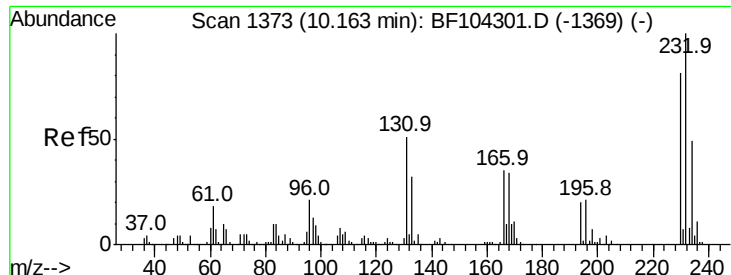
#57
Fluorene
Concen: 42.531 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

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



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

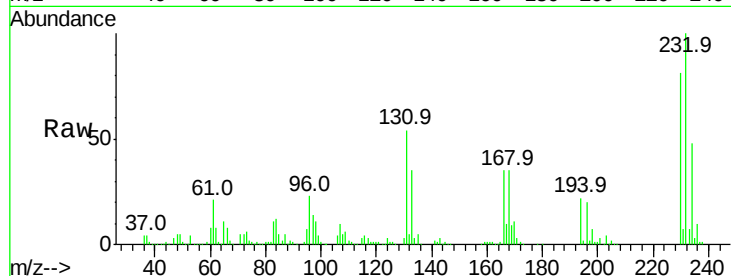




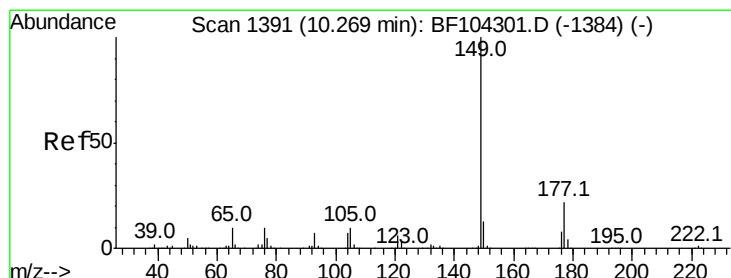
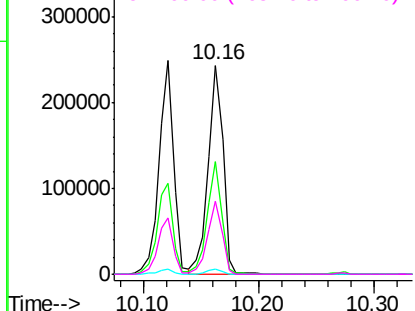
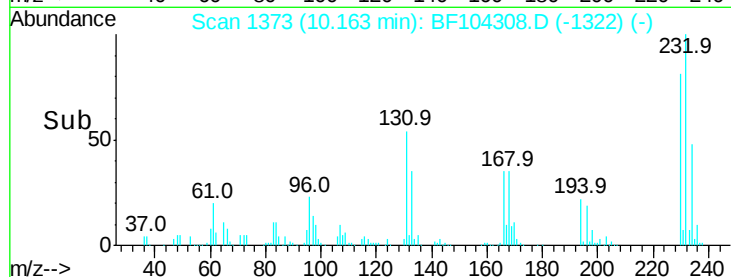
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.265 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

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

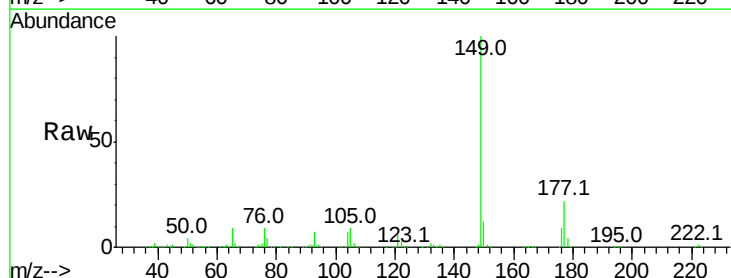


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

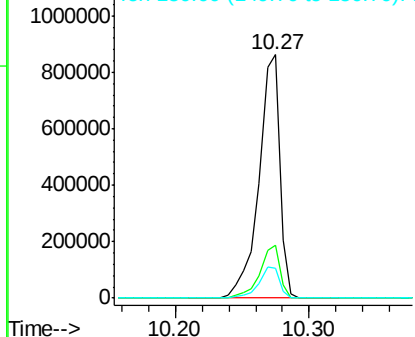
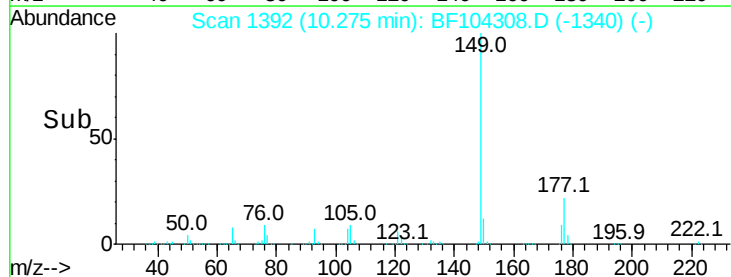


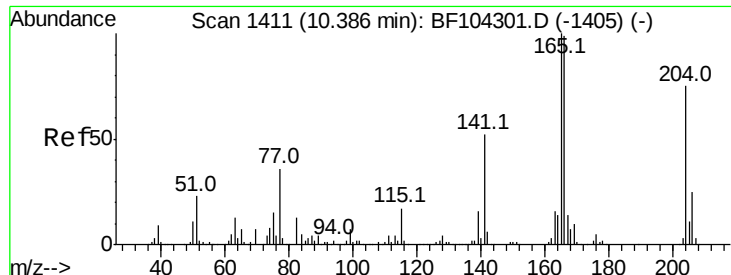
#59
 Diethylphthalate
 Concen: 41.345 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

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

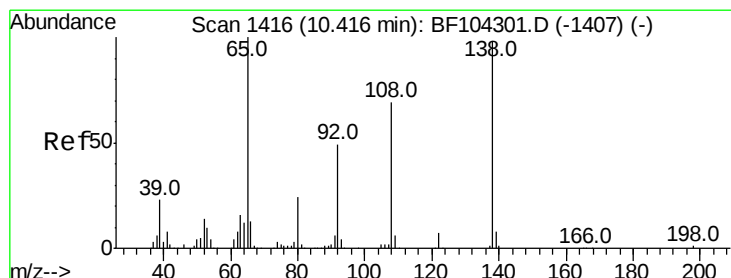
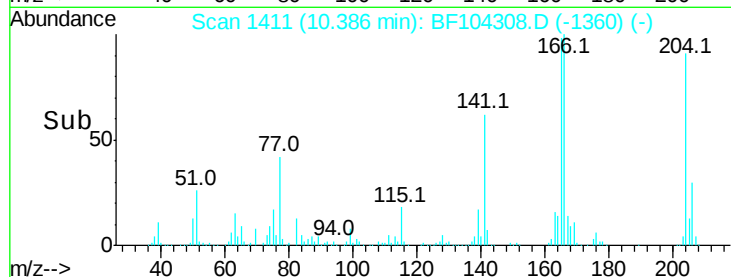
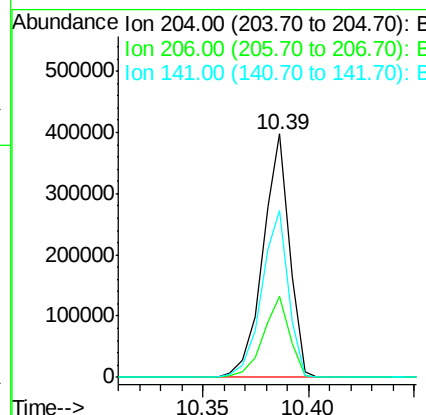
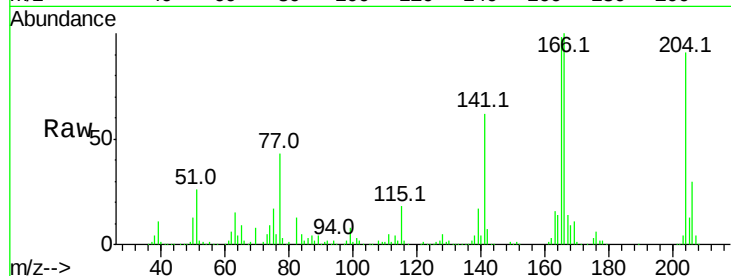




#60
 4-Chlorophenyl-phenylether
 Concen: 42.138 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

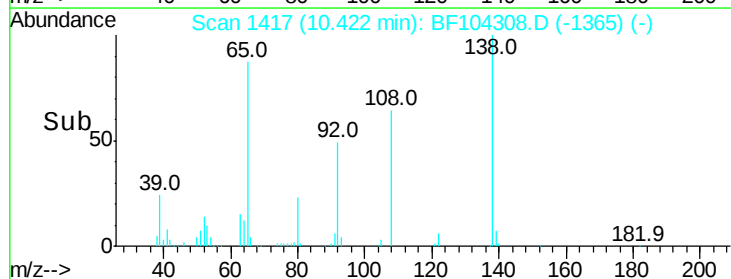
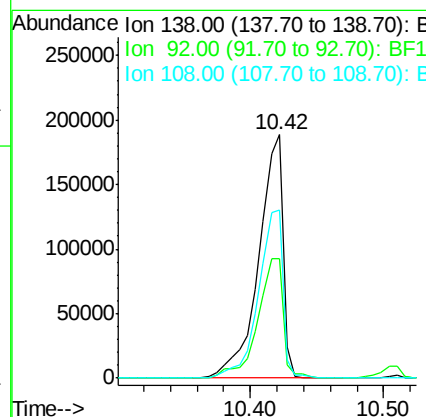
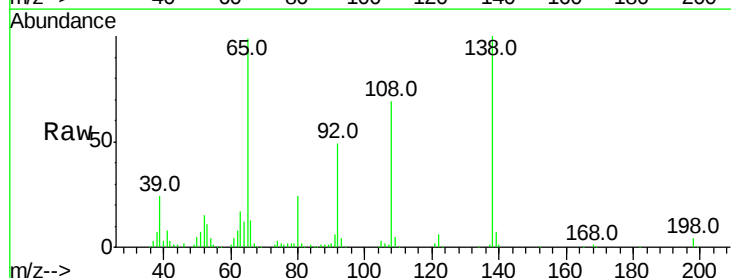
Instrument :
 BNA_F
 ClientSampleID :
 PB107966BS

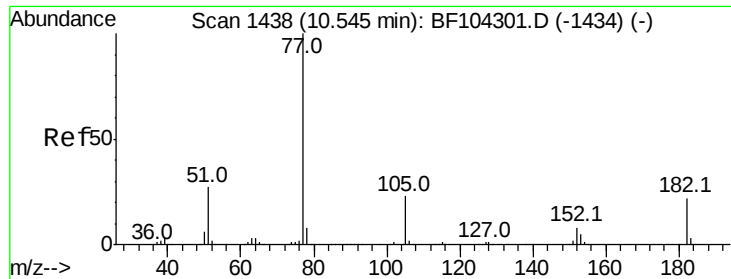
Tot Ion:204 Resp: 345716
 Ion Ratio Lower Upper
 204 100
 206 33.3 26.5 39.7
 141 68.8 54.6 81.8



#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

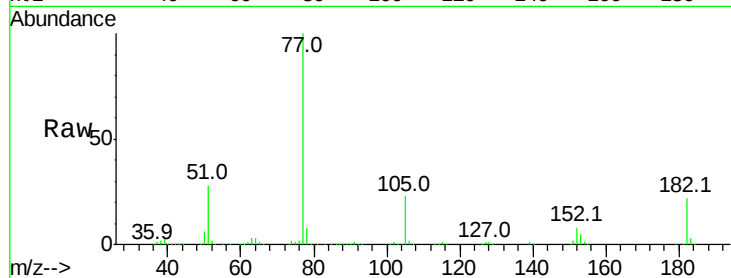




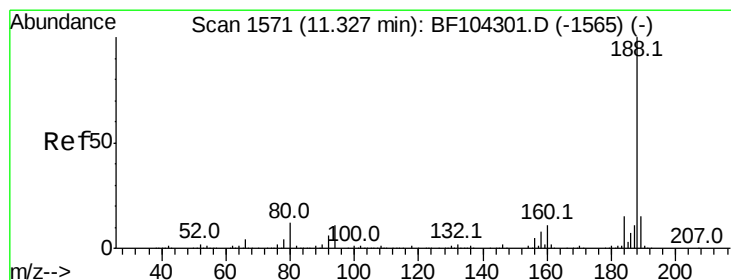
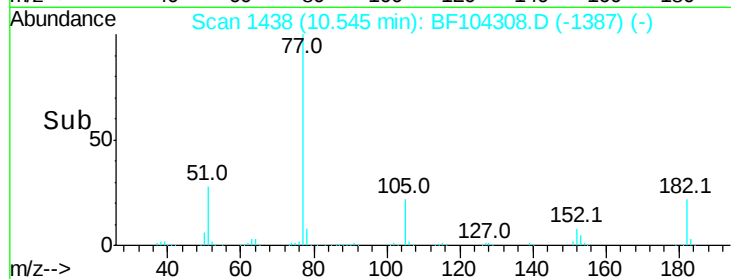
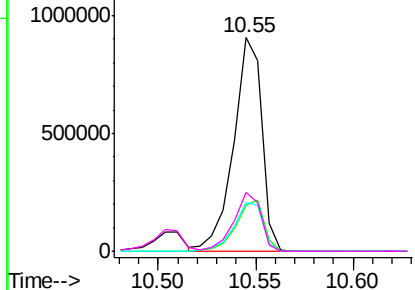
#62
Azobenzene
Concen: 42.380 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

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

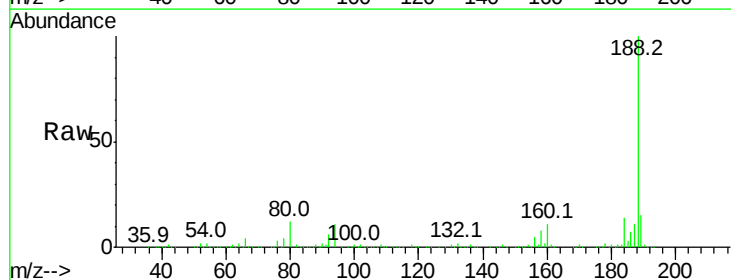


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

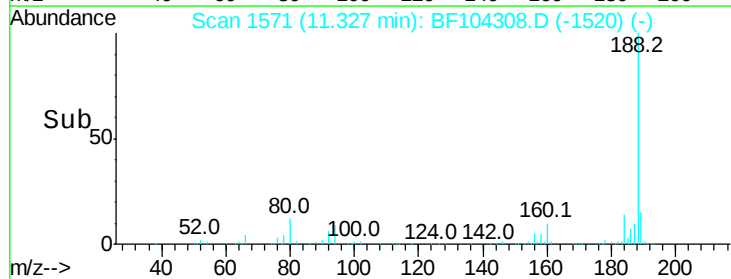
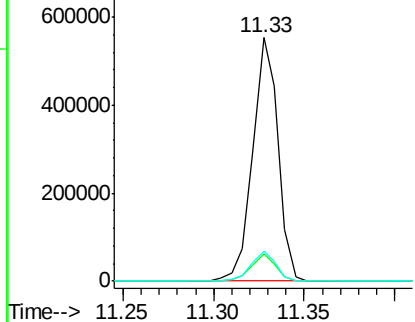


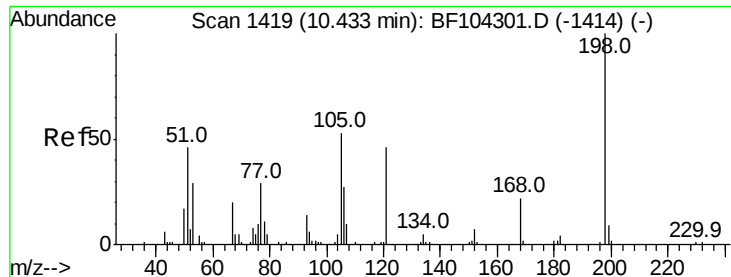
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

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): BF1
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

ClientSampleId :

PB107966BS

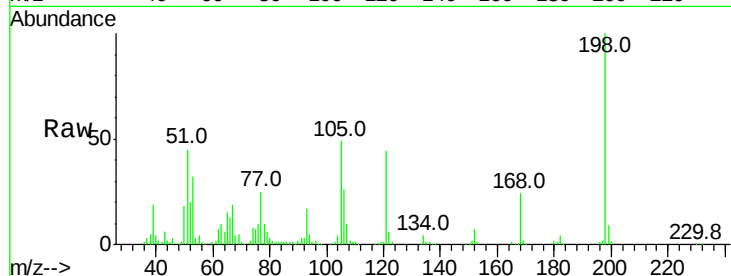
Tot Ion:198 Resp: 114350

Ion Ratio Lower Upper

198 100

51 44.8 37.7 77.7

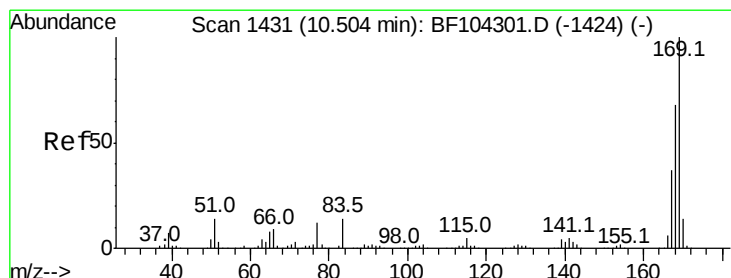
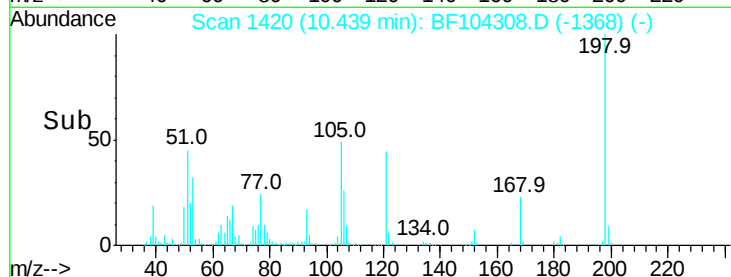
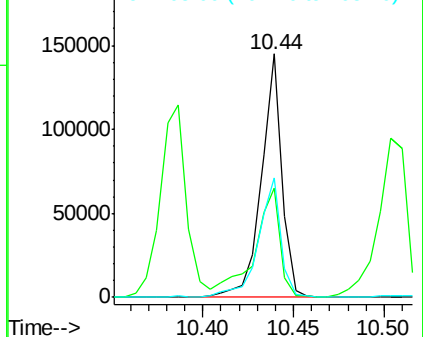
105 48.9 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#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

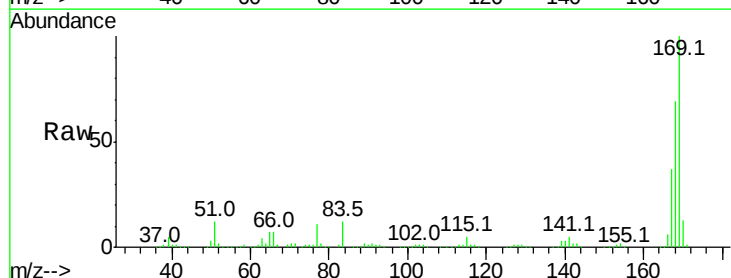
Tgt Ion:169 Resp: 752454

Ion Ratio Lower Upper

169 100

168 69.0 54.4 81.6

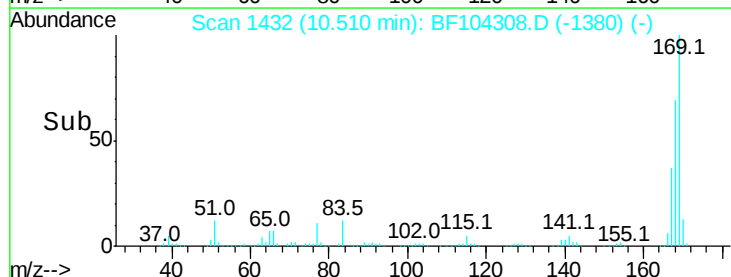
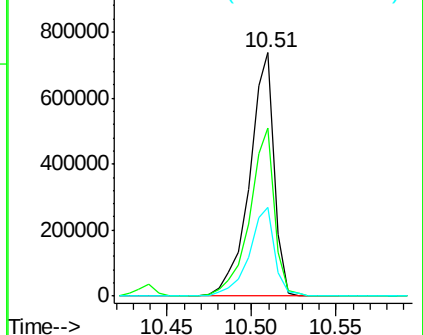
167 36.6 29.8 44.6

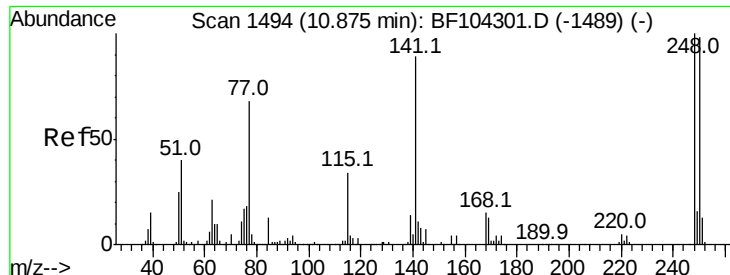


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

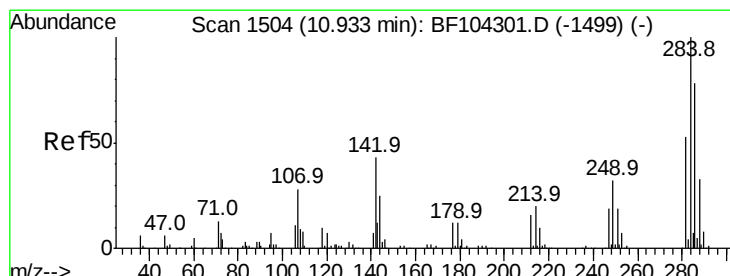
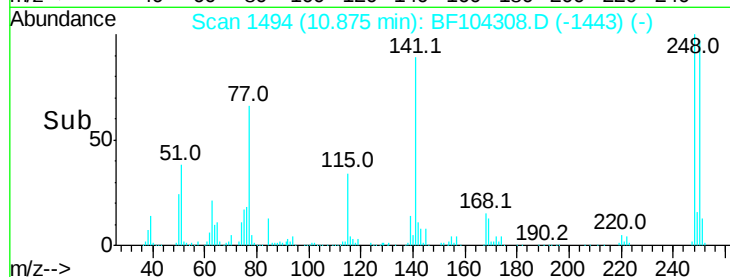
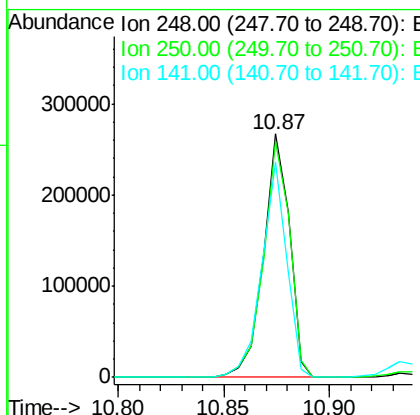
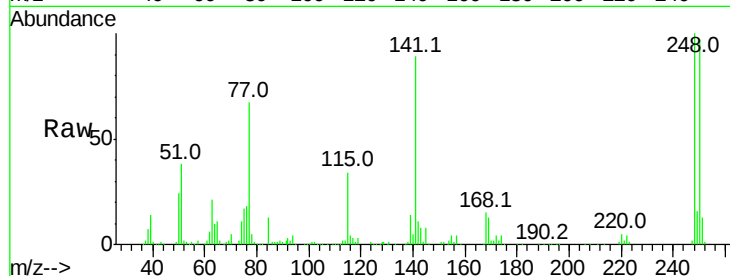




#66
4-Bromophenyl-phenylether
Concen: 40.454 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

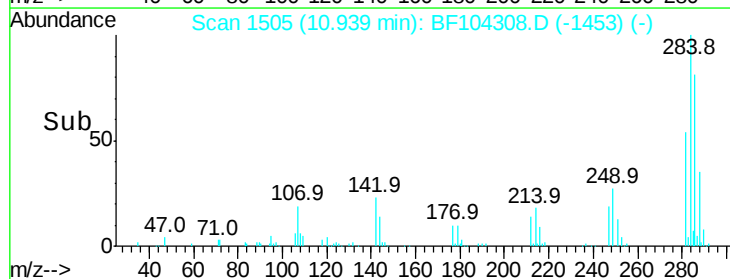
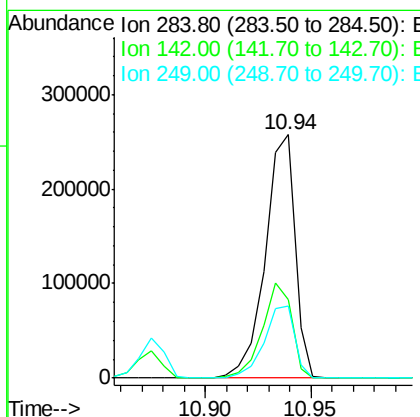
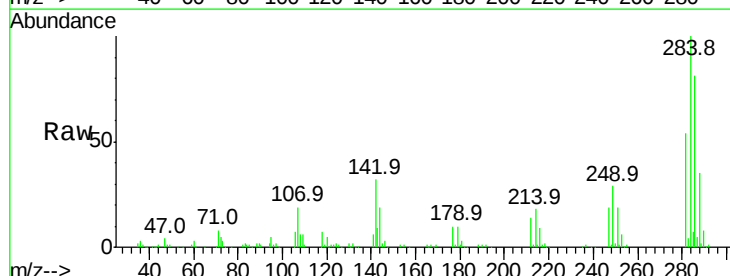
Instrument :
BNA_F
ClientSampleId :
PB107966BS

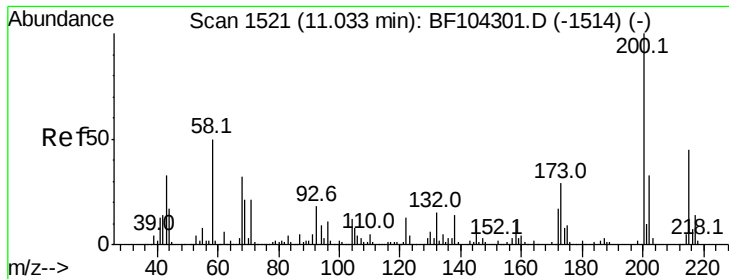
Tot Ion:248 Resp: 230290
Ion Ratio Lower Upper
248 100
250 97.0 76.9 115.3
141 88.6 74.4 111.6



#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

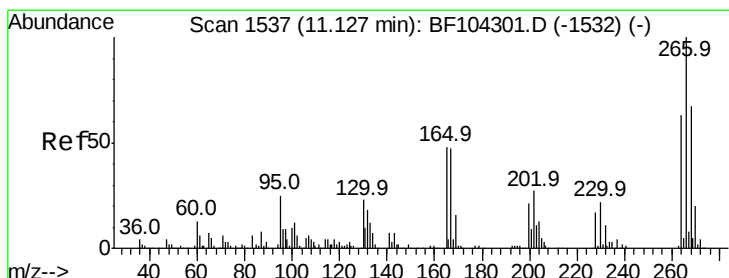
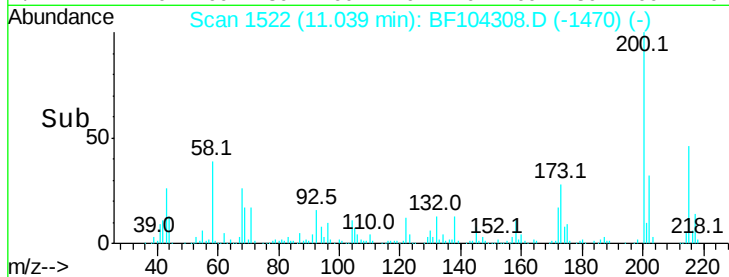
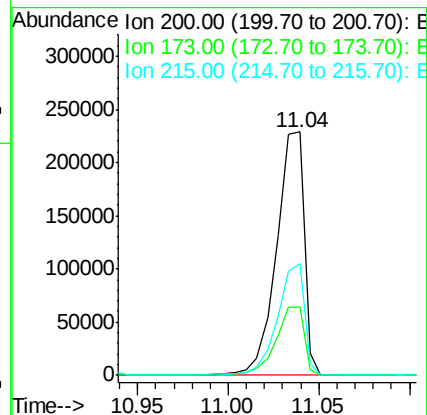
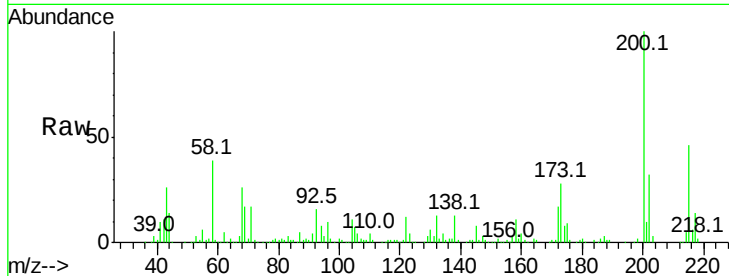




#68
Atrazine
Concen: 43.415 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

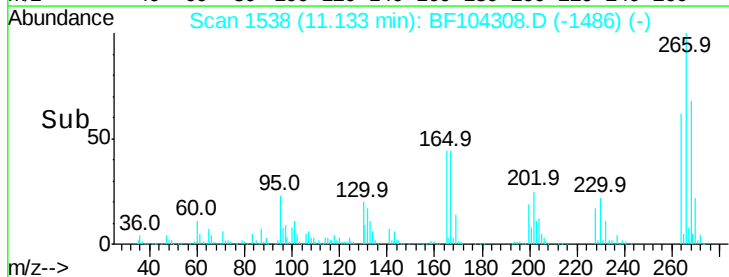
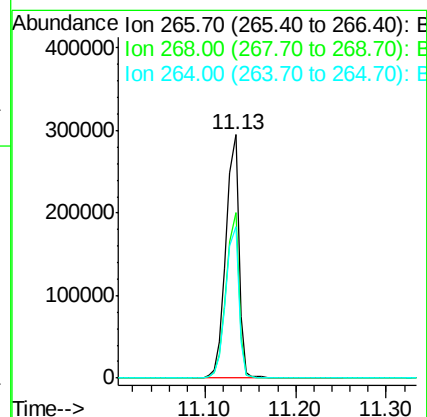
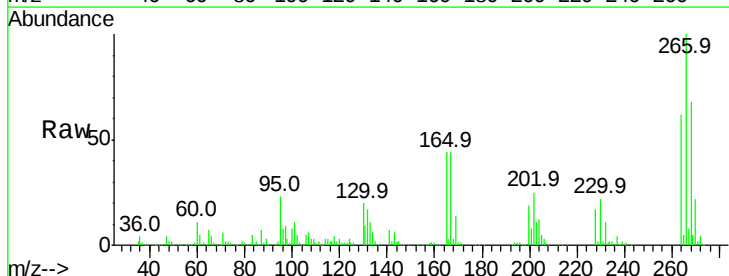
Instrument :
BNA_F
ClientSampleId :
PB107966BS

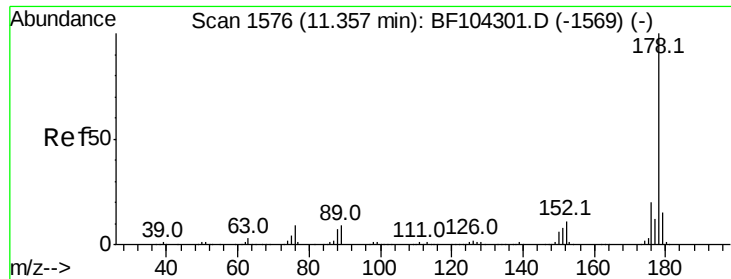
Tot Ion:200 Resp: 243170
Ion Ratio Lower Upper
200 100
173 27.8 8.6 48.6
215 45.9 25.1 65.1



#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

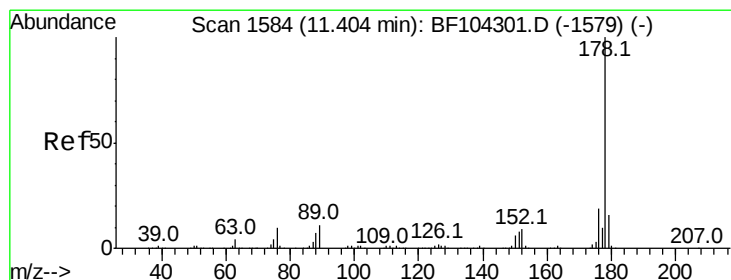
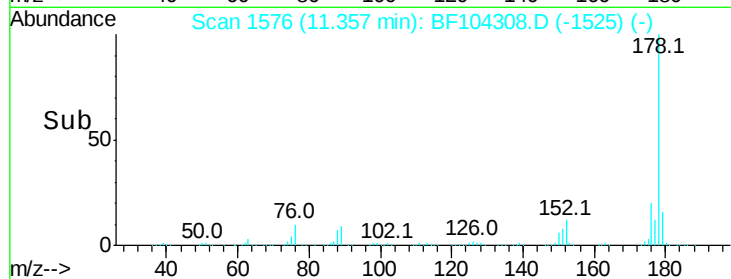
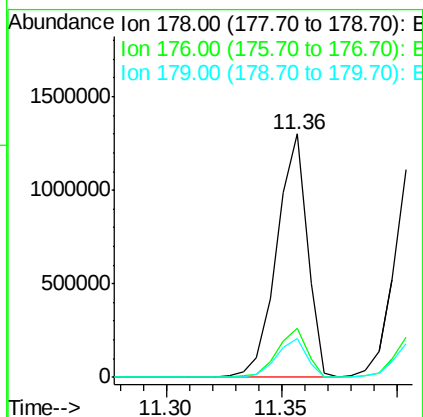
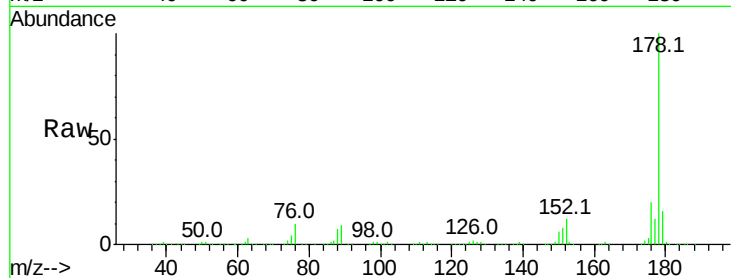




#70
Phenanthrene
Concen: 40.047 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

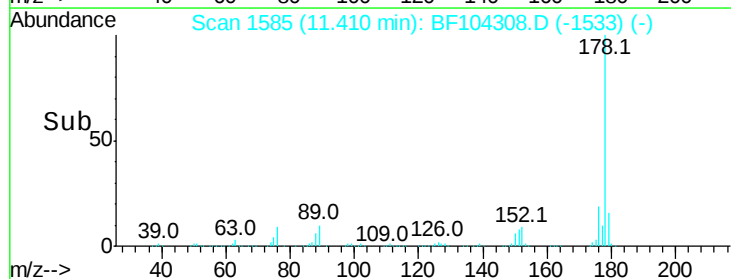
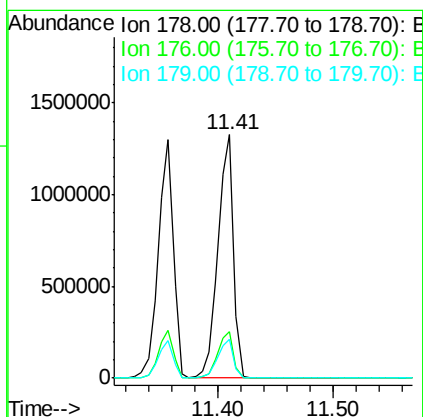
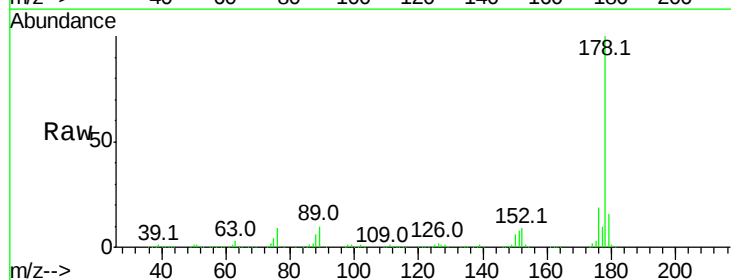
Instrument :
BNA_F
ClientSampleId :
PB107966BS

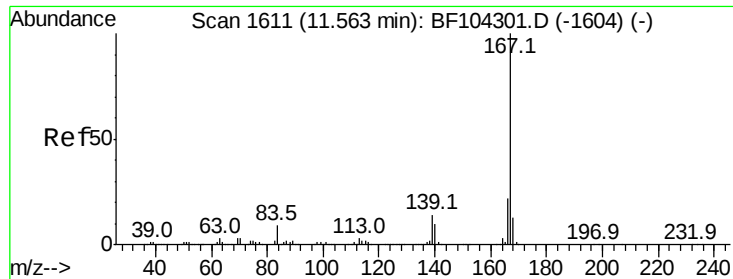
Tot Ion:178 Resp: 1193555
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 15.8 13.0 19.6



#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





#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 :

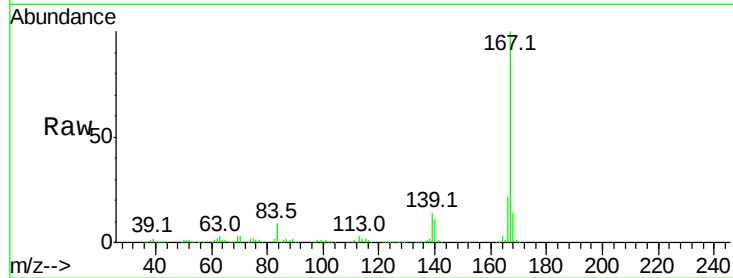
BNA_F

ClientSampleId :

PB107966BS

Tot Ion:167 Resp: 1172751

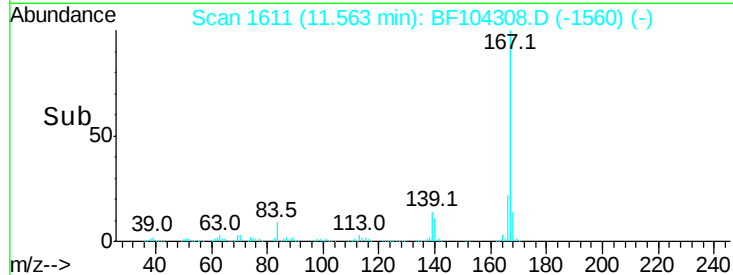
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.8	10.9	16.3



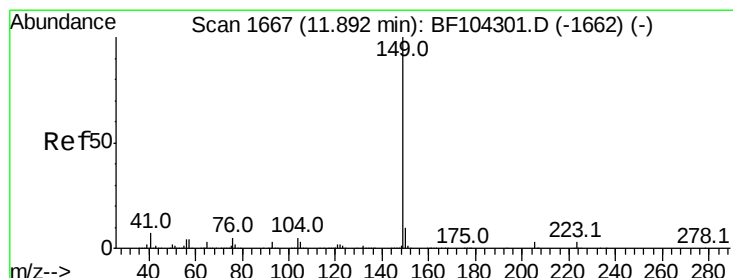
Abundance Ion 167.00 (166.70 to 167.70): E

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

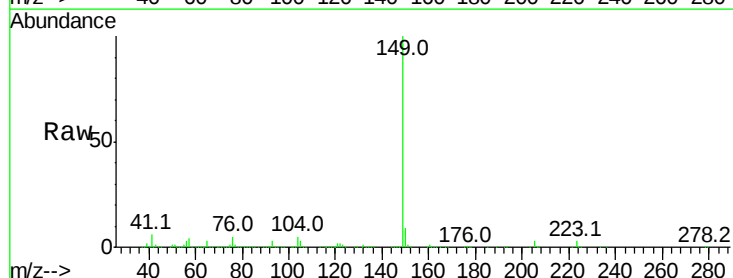
Delta R.T. 0.01 min

Lab File: BF104308.D

Acq: 6 Apr 2018 16:09

Tgt Ion:149 Resp: 1440465

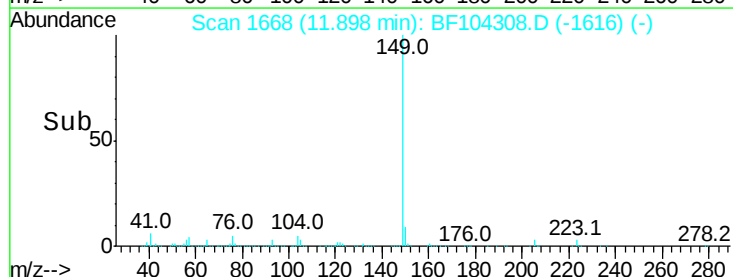
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.0	3.8	5.8



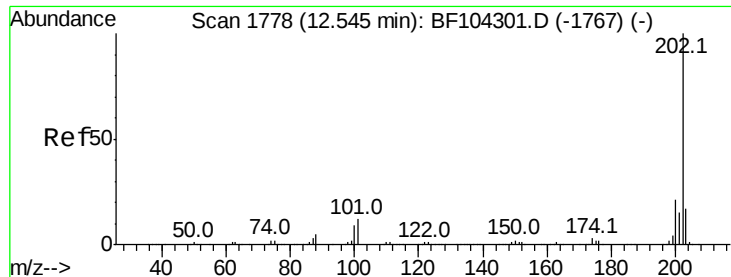
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

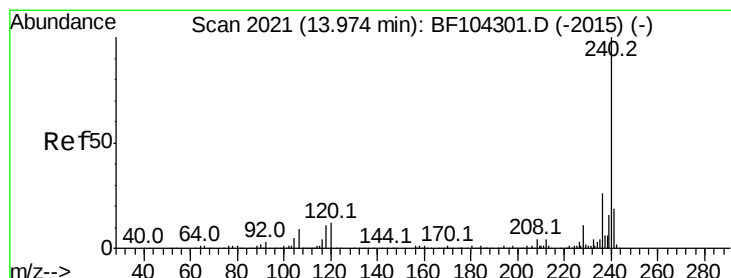
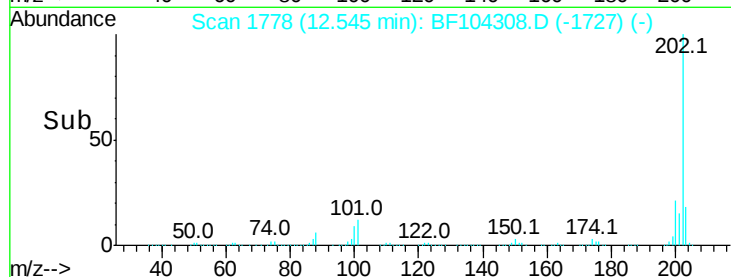
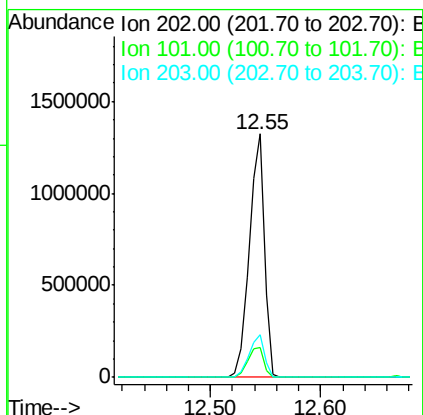
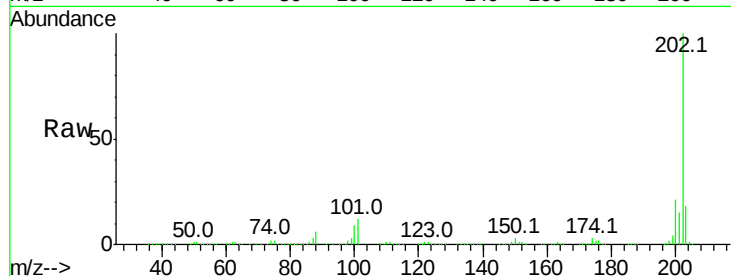


#74
Fluoranthene
 Concen: 40.916 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

Tot Ion:202 Resp: 1274111

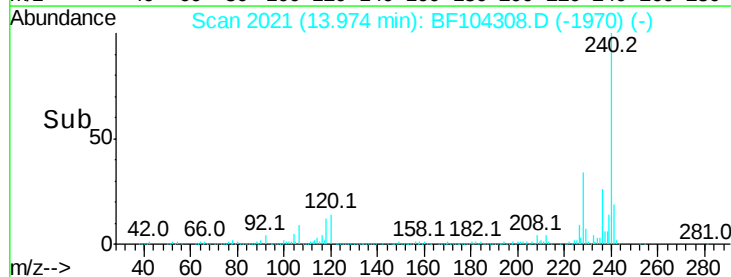
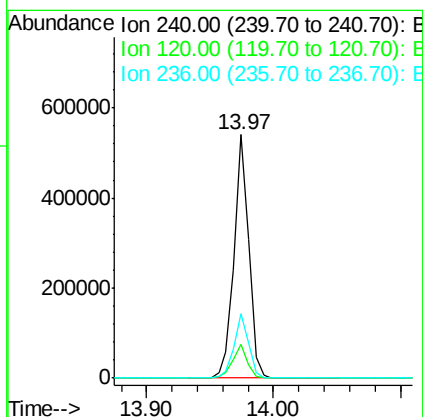
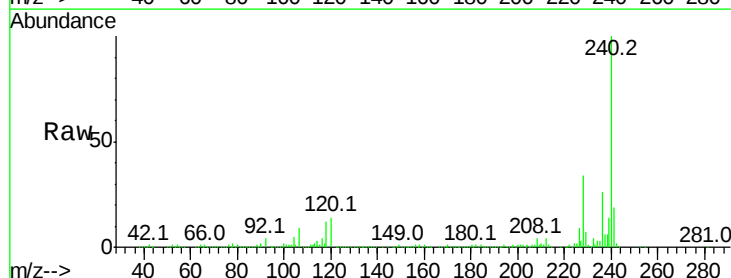
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	17.5	0.0	38.1

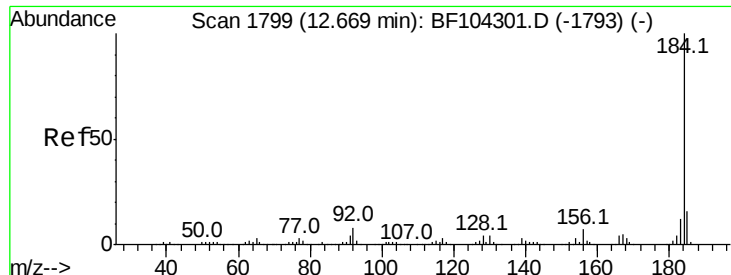


#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

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

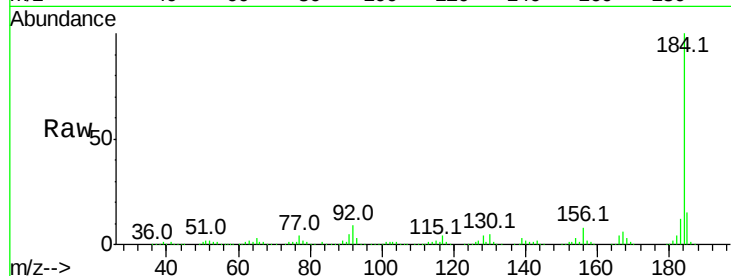




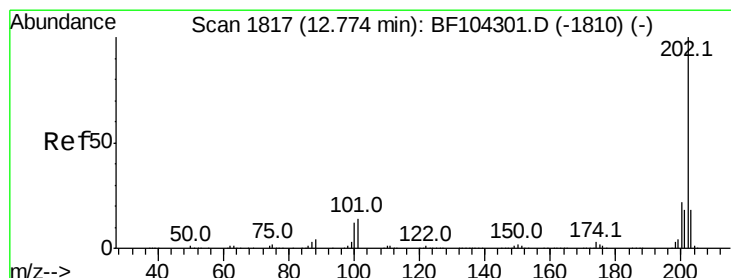
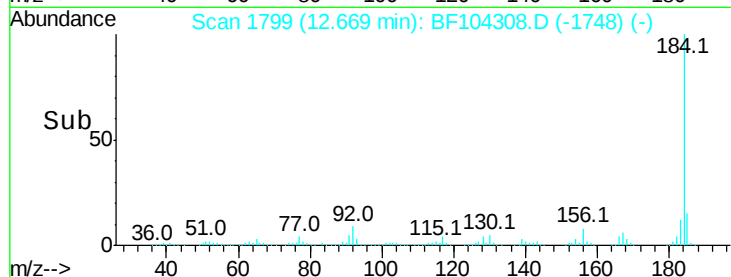
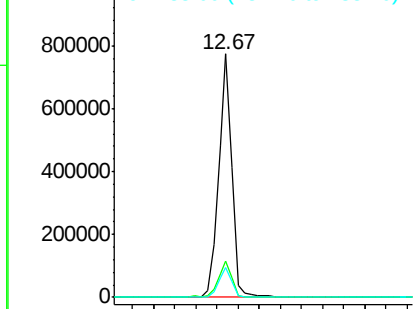
#76
Benzidine
Concen: 50.869 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

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

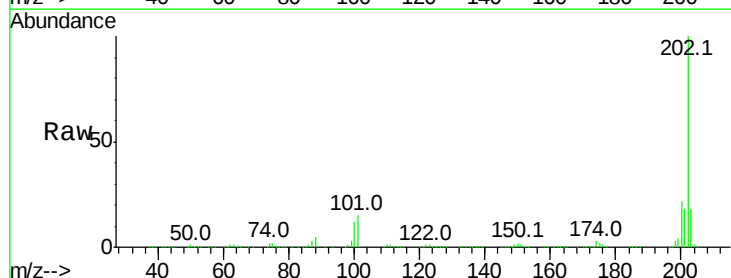


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

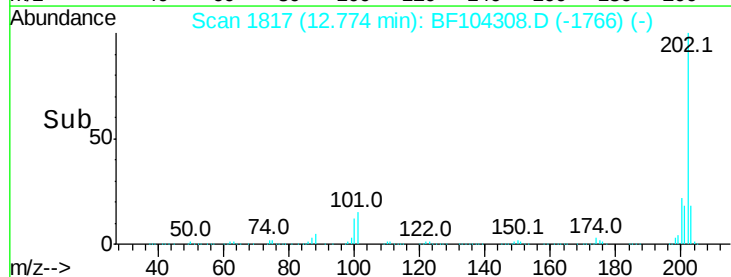
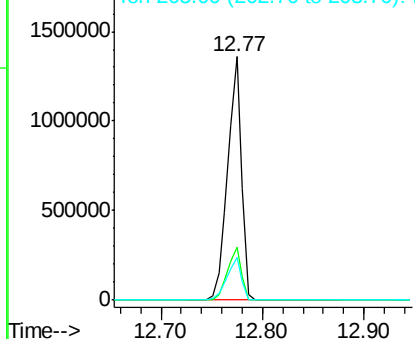


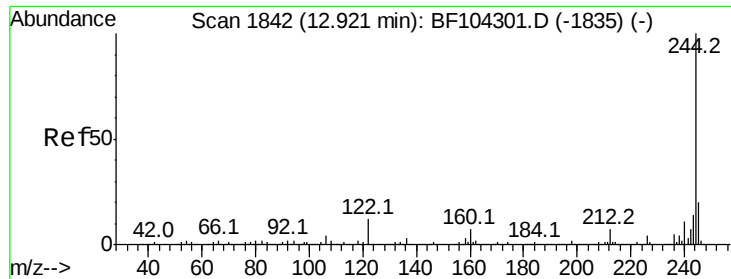
#77
Pyrene
Concen: 40.560 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

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



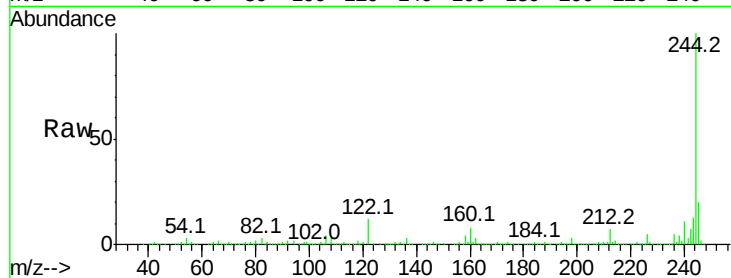


#78
 Terphenyl-d14
 Concen: 84.310 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

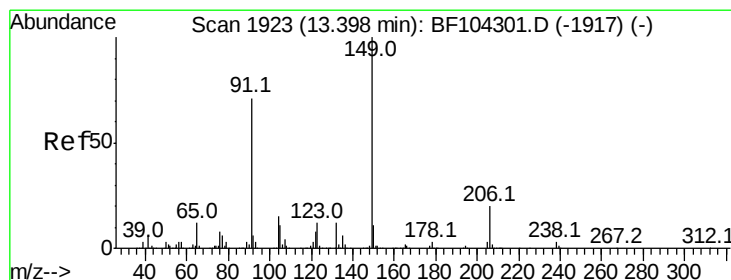
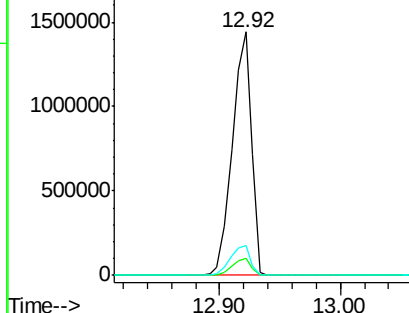
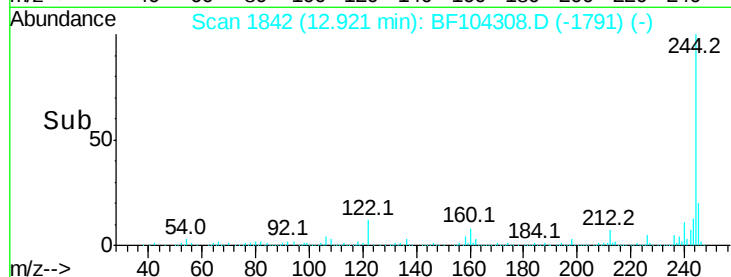
Instrument :
 BNA_F
 ClientSampleId :
 PB107966BS

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



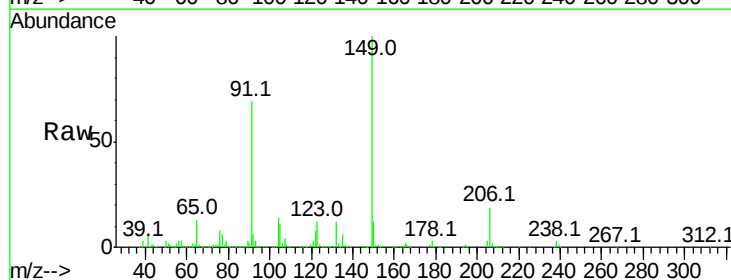
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



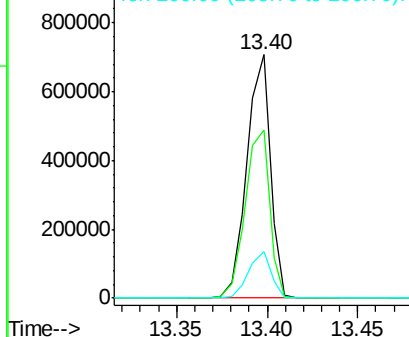
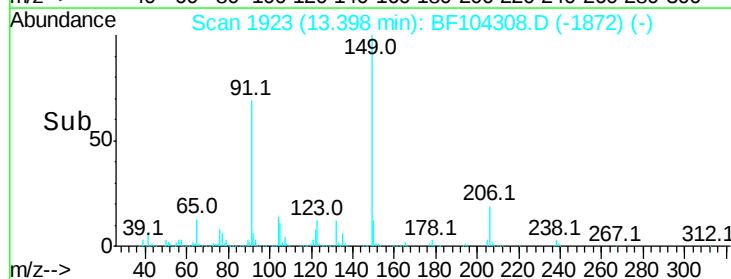
#79
 Butylbenzylphthalate
 Concen: 42.487 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF104308.D
 Acq: 6 Apr 2018 16:09

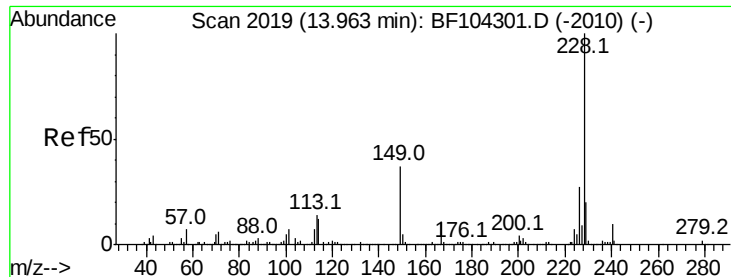
Tgt Ion:149 Resp: 638555

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

ClientSampleId :

PB107966BS

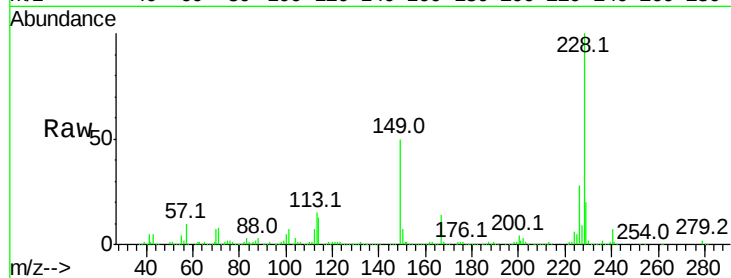
Tot Ion:228 Resp: 1037958

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

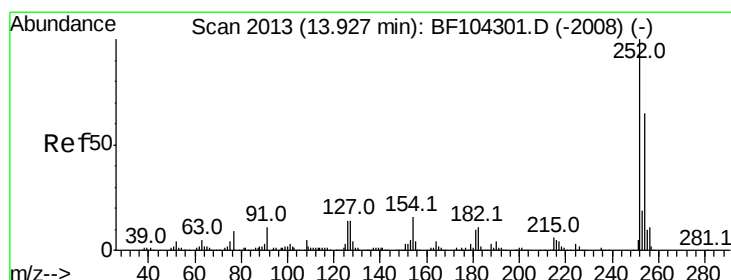
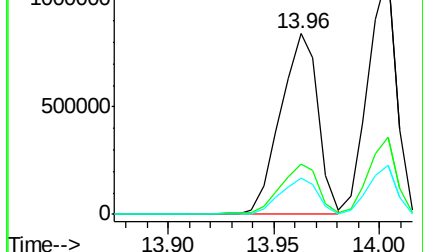
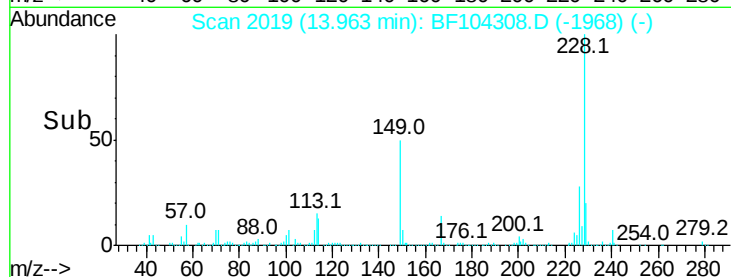
229 20.0 15.8 23.6



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

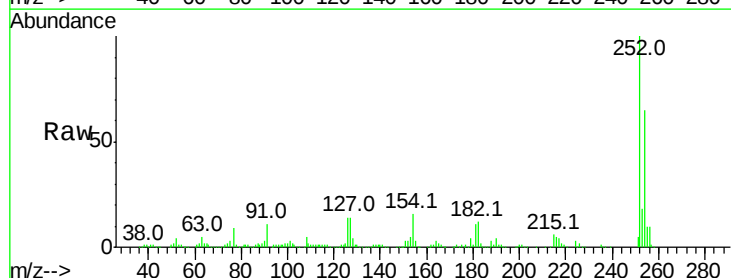
Tgt Ion:252 Resp: 317183

Ion Ratio Lower Upper

252 100

254 64.5 50.4 75.6

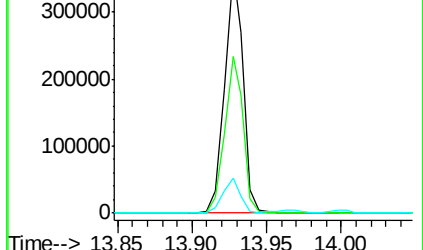
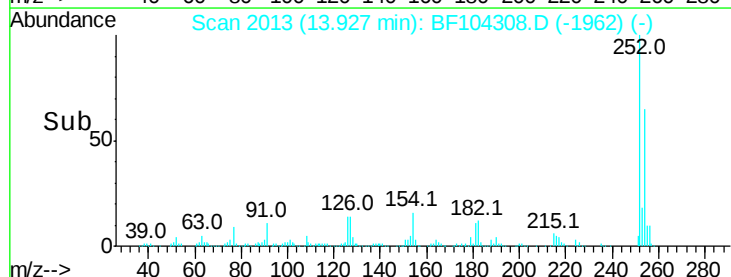
126 14.4 11.3 16.9

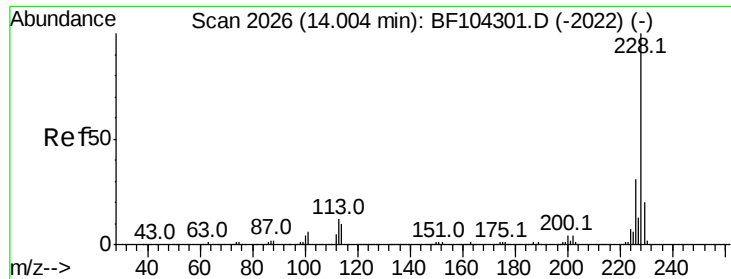


Abundance Ion 252.00 (251.70 to 252.70): E

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 :

PB107966BS

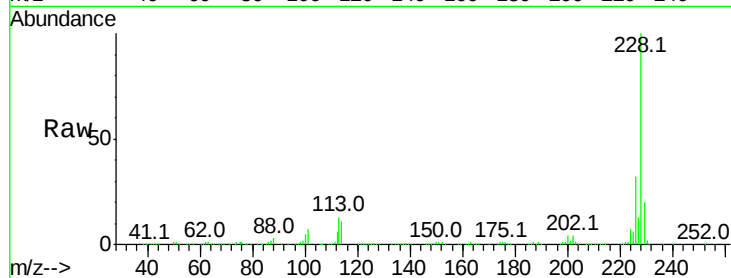
Tot Ion:228 Resp: 1057073

Ion Ratio Lower Upper

228 100

226 31.6 25.0 37.6

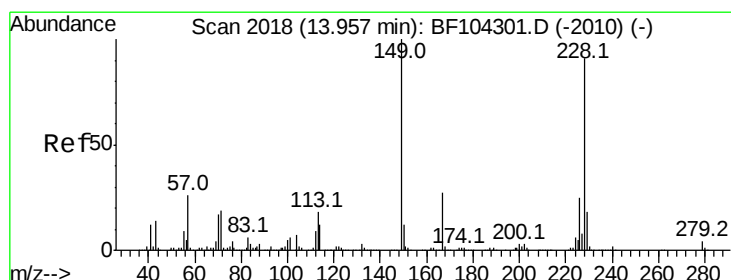
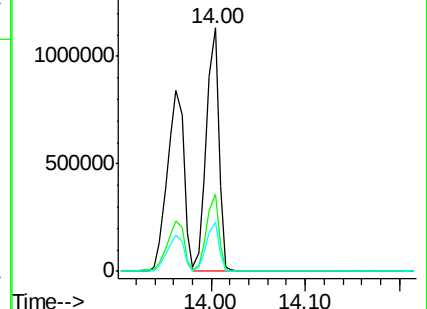
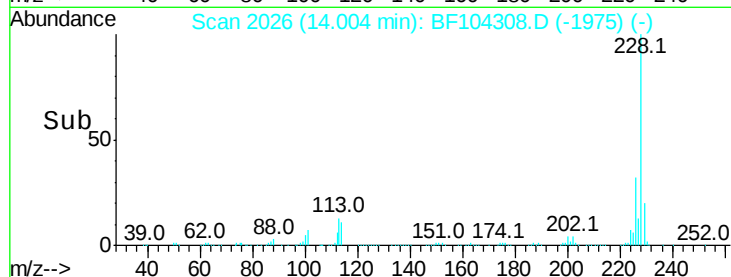
229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 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

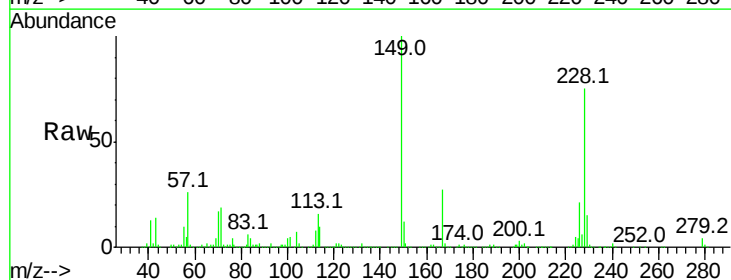
Tgt Ion:149 Resp: 771402

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

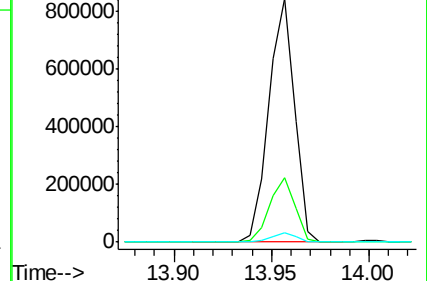
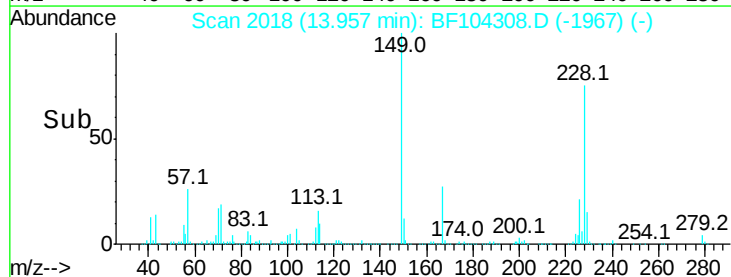
279 3.6 3.0 4.4

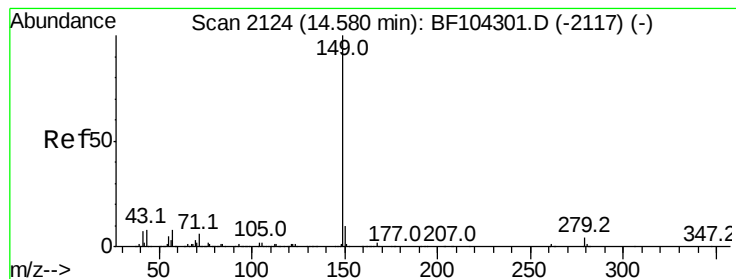


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 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 :

PB107966BS

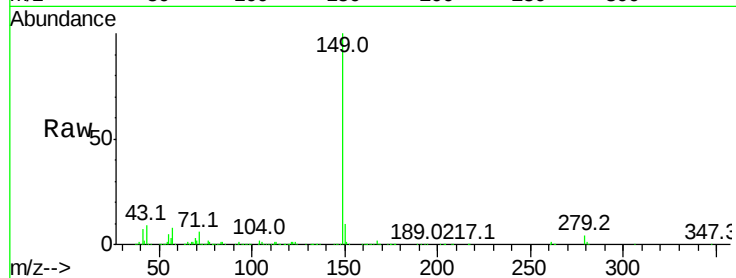
Tot Ion:149 Resp: 1439236

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

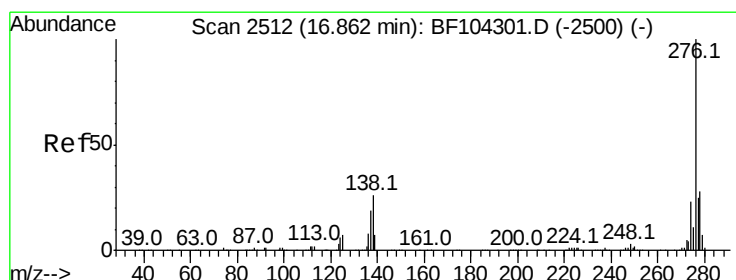
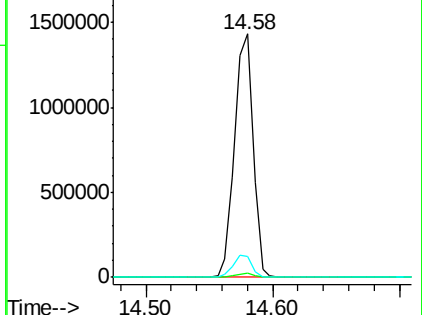
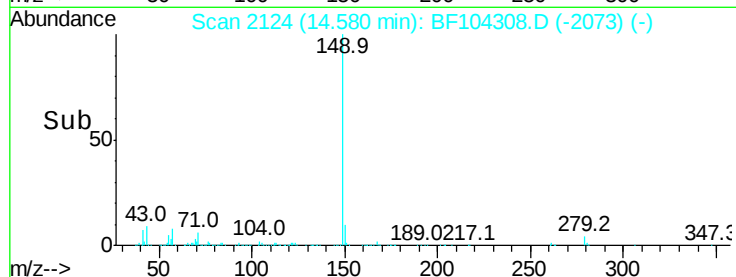
43 9.2 8.4 12.6



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

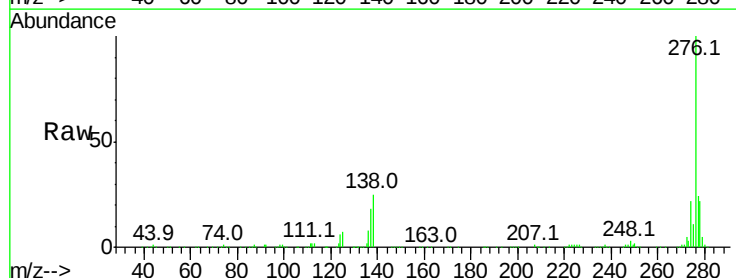
Tgt Ion:276 Resp: 850289

Ion Ratio Lower Upper

276 100

138 29.6 25.0 37.6

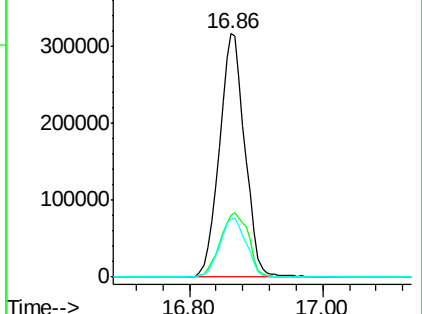
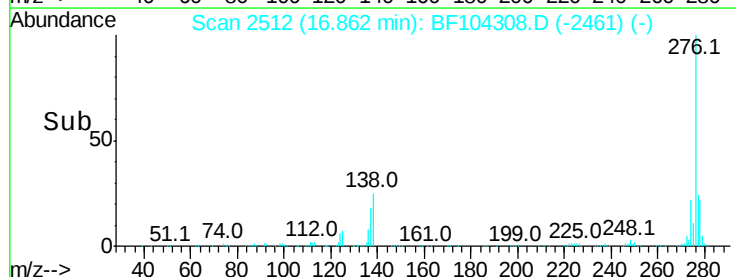
277 25.4 20.1 30.1

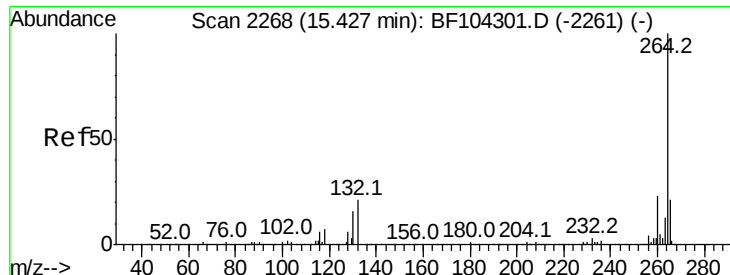


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

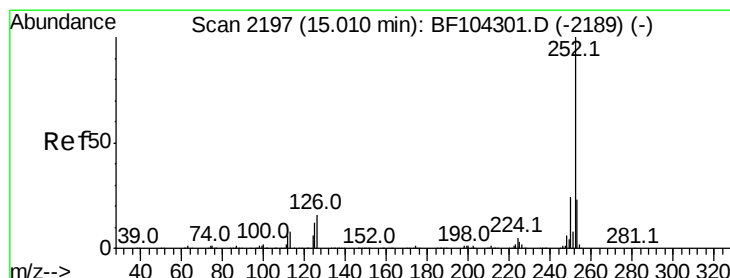
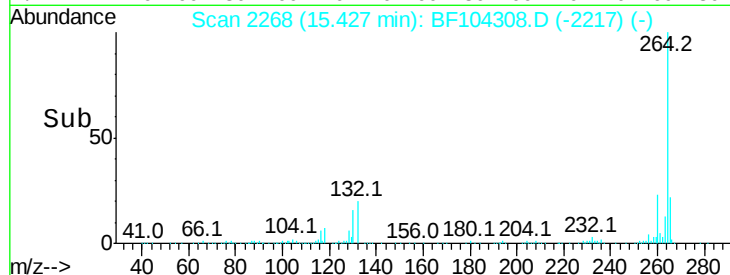
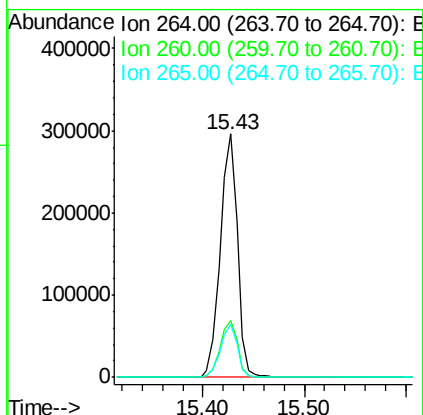
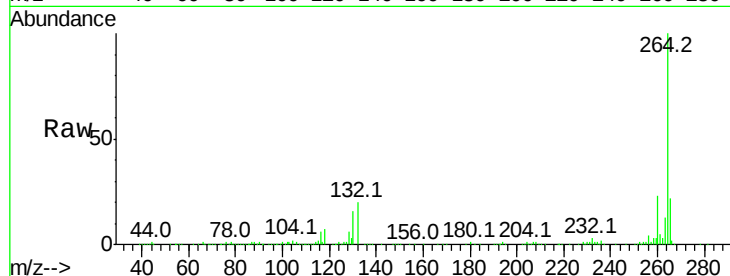




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

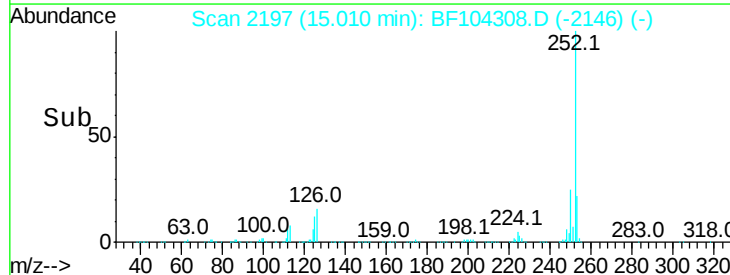
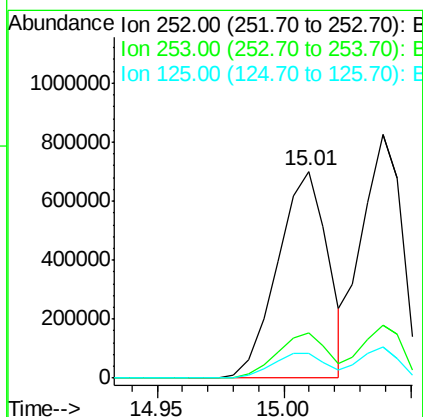
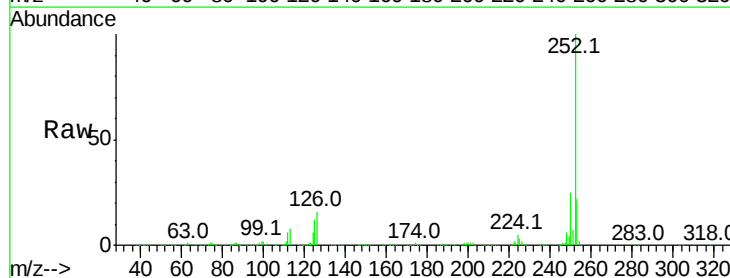
Instrument :
BNA_F
ClientSampleId :
PB107966BS

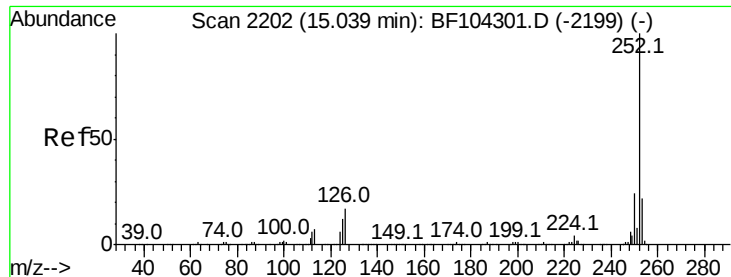
Tot Ion:264 Resp: 347918
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.6 17.5 26.3



#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

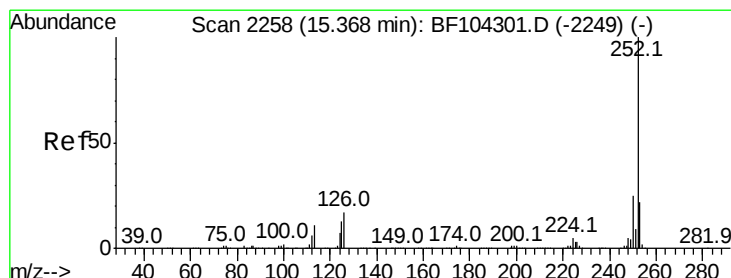
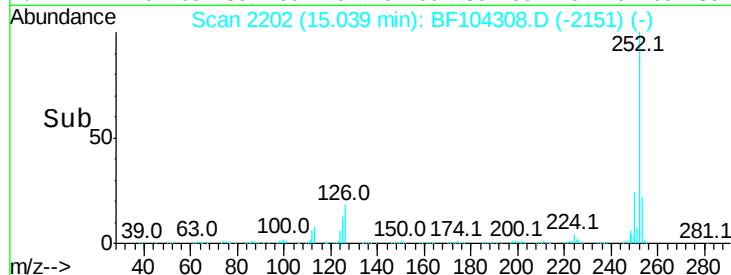
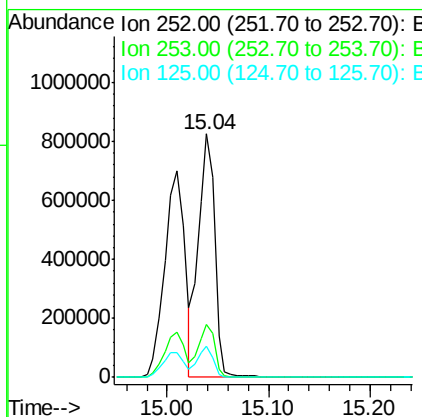
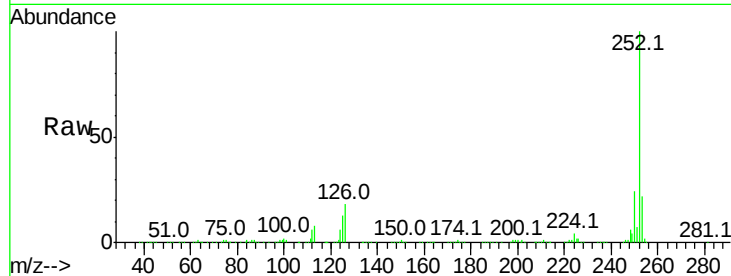




#88
Benzo(k)fluoranthene
Concen: 44.475 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

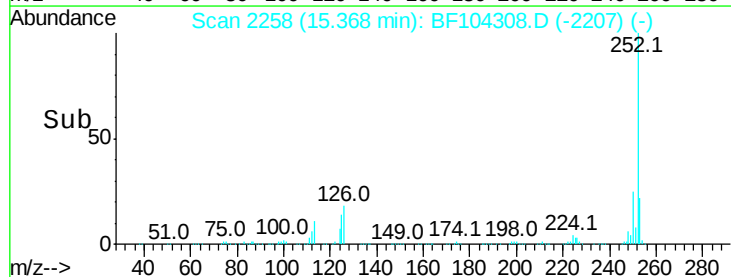
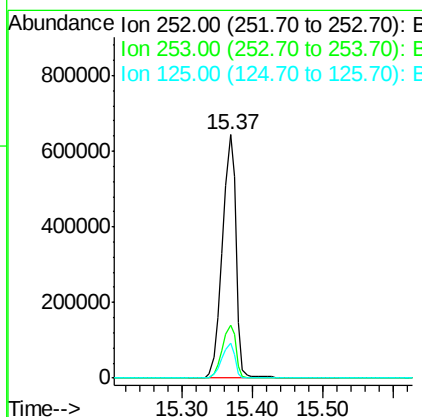
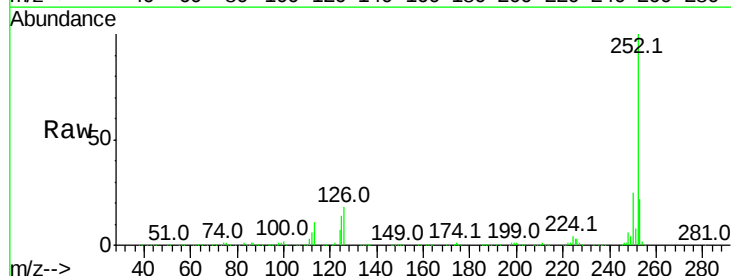
Instrument :
BNA_F
ClientSampleId :
PB107966BS

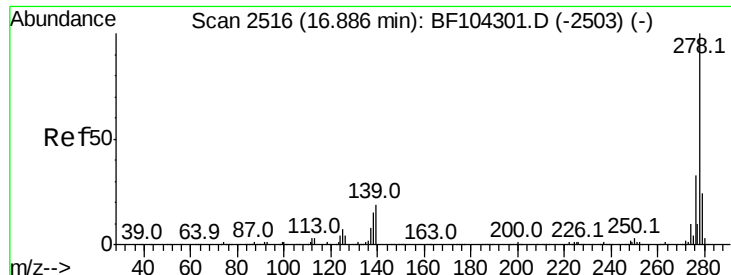
Tot Ion:252 Resp: 922643
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 12.6 10.2 15.2



#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

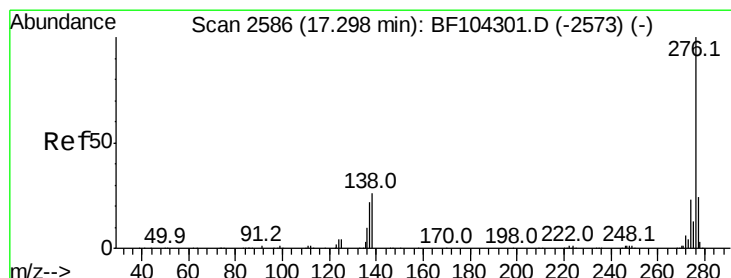
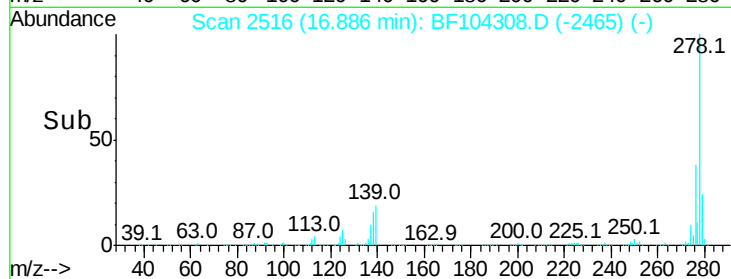
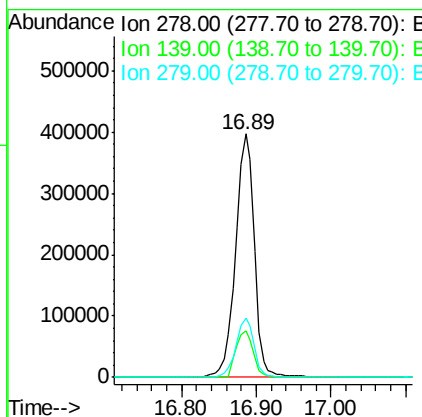
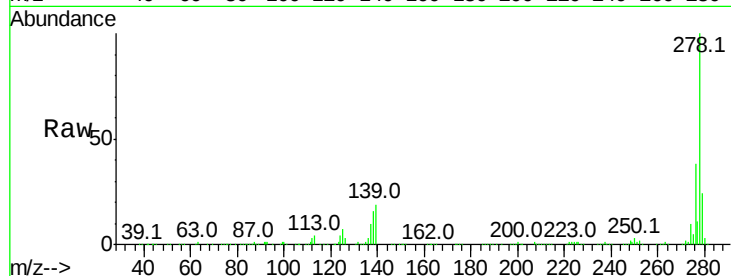




#90
Dibenzo(a,h)anthracene
Concen: 43.162 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF104308.D
Acq: 6 Apr 2018 16:09

Instrument :
BNA_F
ClientSampleId :
PB107966BS

Tot 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	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	27.5	21.8	32.8

