

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050118\
 Data File : BF104976.D
 Acq On : 1 May 2018 11:50
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 16:13:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118207	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	509640	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	237771	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	426243	20.00	ng	0.00
75) Chrysene-d12	13.97	240	306476	20.00	ng	0.00
86) Perylene-d12	15.43	264	243592	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	583874	75.53	ng	0.00
7) Phenol-d6	6.43	99	741594	78.07	ng	0.00
23) Nitrobenzene-d5	7.36	82	676941	86.73	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	200672	81.36	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1199098	79.67	ng	0.00
78) Terphenyl-d14	12.91	244	1111154	82.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	126206	35.036	ng	# 85
3) Pyridine	3.23	79	353829	34.937	ng	85
4) n-Nitrosodimethylamine	3.21	42	117778	33.268	ng	# 78
6) Aniline	6.46	93	495373	37.538	ng	98
8) 2-Chlorophenol	6.58	128	333235	40.840	ng	91
9) Benzaldehyde	6.35	77	202302	43.254	ng	93
10) Phenol	6.45	94	408143	40.497	ng	79
11) bis(2-Chloroethyl)ether	6.53	93	325650	40.491	ng	94
12) 1,3-Dichlorobenzene	6.73	146	375894	40.664	ng	99
13) 1,4-Dichlorobenzene	6.80	146	378918	41.122	ng	99
14) 1,2-Dichlorobenzene	6.96	146	356687	41.771	ng	98
15) Benzyl Alcohol	6.94	79	266495	36.939	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	370546	34.307	ng	79
17) 2-Methylphenol	7.05	107	288818	40.720	ng	94
18) Hexachloroethane	7.30	117	135588	41.270	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	224123	36.109	ng	93
20) 3+4-Methylphenols	7.21	107	348196	39.583	ng	# 70
22) Acetophenone	7.20	105	473396	37.730	ng	97
24) Nitrobenzene	7.38	77	347635	40.343	ng	96
25) Isophorone	7.62	82	617605	37.421	ng	100
26) 2-Nitrophenol	7.69	139	192661	54.920	ng	96
27) 2,4-Dimethylphenol	7.73	122	266681	36.612	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	383548	38.009	ng	99
29) 2,4-Dichlorophenol	7.94	162	281340	40.481	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	312440	40.964	ng	98
31) Naphthalene	8.10	128	996086	39.251	ng	100
32) Benzoic acid	7.89	122	230024	39.579	ng	97
33) 4-Chloroaniline	8.15	127	430682	39.614	ng	97
34) Hexachlorobutadiene	8.20	225	176674	42.289	ng	99
35) Caprolactam	8.54	113	91574	37.770	ng	# 76
36) 4-Chloro-3-methylphenol	8.64	107	296026	39.723	ng	98
37) 2-Methylnaphthalene	8.79	142	648492	39.505	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	290372	42.662	ng	99
40) Hexachlorocyclopentadiene	8.93	237	170185	44.663	ng	98

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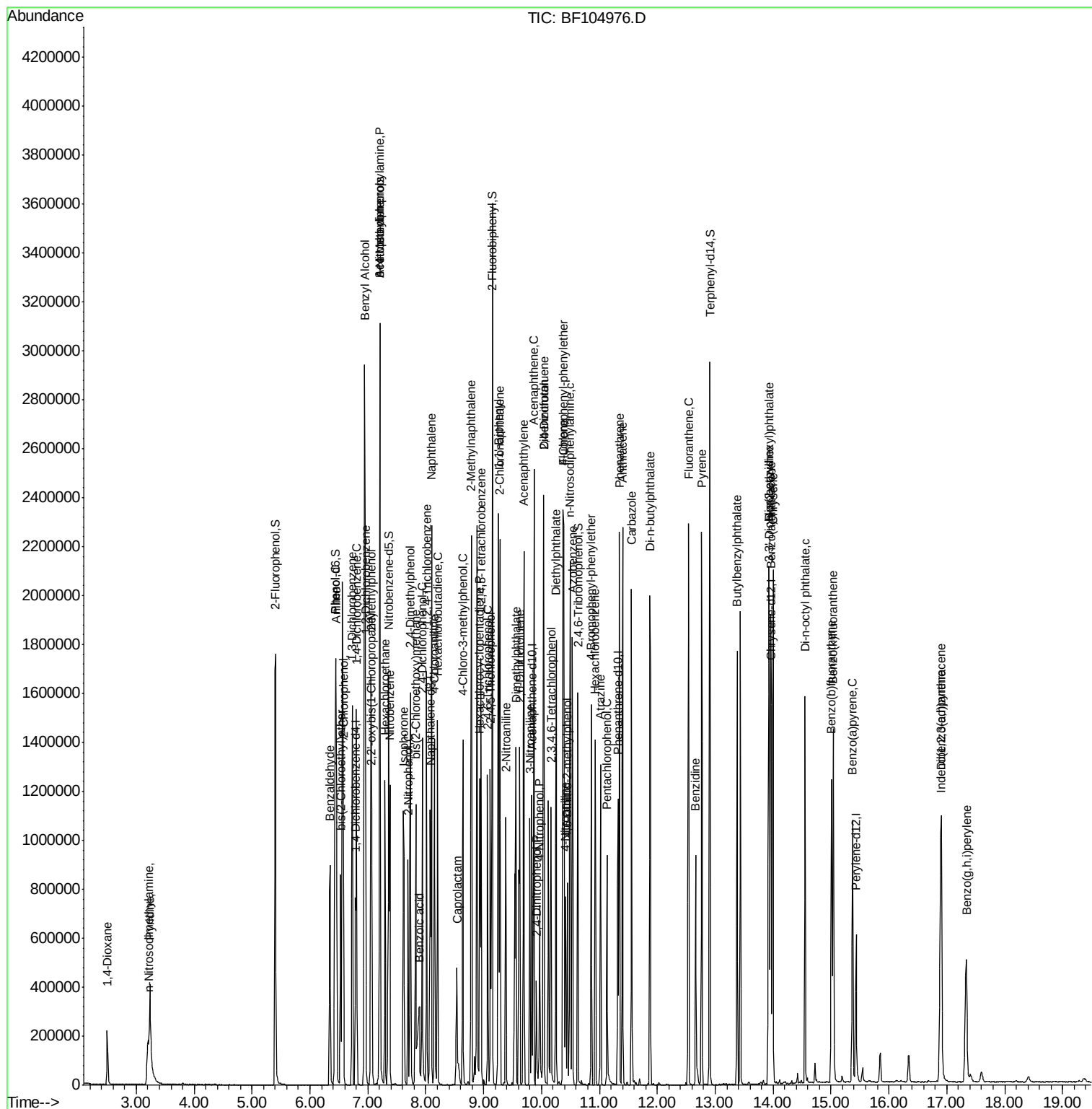
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	190975	40.419	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	217189	41.077	nq	97
45) 1,1'-Biphenyl	9.26	154	801612	40.132	nq	98
46) 2-Chloronaphthalene	9.28	162	636988	40.374	nq	99
47) 2-Nitroaniline	9.39	65	183039	46.912	nq	88
48) Acenaphthylene	9.70	152	942361	38.069	nq	99
49) Dimethylphthalate	9.56	163	758426	40.449	nq	99
50) 2,6-Dinitrotoluene	9.63	165	161761	46.624	nq	92
51) Acenaphthene	9.87	154	561947	37.207	nq	99
52) 3-Nitroaniline	9.80	138	185817	45.748	nq	100
53) 2,4-Dinitrophenol	9.91	184	64069	53.535	nq	# 20
54) Dibenzofuran	10.04	168	772389	36.697	nq	97
55) 4-Nitrophenol	9.97	139	130972	41.049	nq	92
56) 2,4-Dinitrotoluene	10.03	165	195576	42.974	nq	# 95
57) Fluorene	10.38	166	641708	41.886	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	155271	39.363	nq	92
59) Diethylphthalate	10.25	149	707310	37.877	nq	99
60) 4-Chlorophenyl-phenylether	10.37	204	293308	42.989	nq	98
61) 4-Nitroaniline	10.42	138	187823	47.293	nq	97
62) Azobenzene	10.53	77	626697	35.127	nq	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	114507	54.064	nq	85
65) n-Nitrosodiphenylamine	10.49	169	579391	39.204	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	184926	40.788	nq	92
67) Hexachlorobenzene	10.93	284	210245	41.212	nq	# 86
68) Atrazine	11.02	200	168581	37.790	nq	99
69) Pentachlorophenol	11.13	266	126144	39.969	nq	96
70) Phenanthrene	11.35	178	901835	37.993	nq	99
71) Anthracene	11.40	178	930245	38.553	nq	100
72) Carbazole	11.56	167	889748	37.736	nq	100
73) Di-n-butylphthalate	11.87	149	1073406	37.268	nq	99
74) Fluoranthene	12.54	202	916668	36.961	nq	98
76) Benzidine	12.66	184	377059	34.995	nq	98
77) Pyrene	12.77	202	943234	41.521	nq	99
79) Butylbenzylphthalate	13.38	149	439379	41.054	nq	94
80) Benzo(a)anthracene	13.96	228	764270	41.742	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	256257	37.538	nq	96
82) Chrysene	14.00	228	722503	38.418	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	570399	41.436	nq	99
84) Di-n-octyl phthalate	14.55	149	848436	36.886	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.89	276	568793	35.604	nq	96
87) Benzo(b)fluoranthene	15.01	252	659160	42.845	nq	98
88) Benzo(k)fluoranthene	15.04	252	567971	39.104	nq	99
89) Benzo(a)pyrene	15.37	252	559365	40.635	nq	99
90) Dibenzo(a,h)anthracene	16.91	278	469851	41.559	nq	97
91) Benzo(g,h,i)perylene	17.34	276	481740	43.981	nq	95

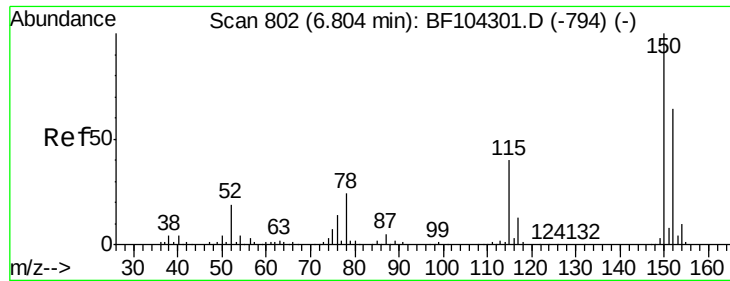
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On    : 1 May 2018 11:50
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Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2 Sample Multiplier: 1
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BNA_F
ClientSampleId :

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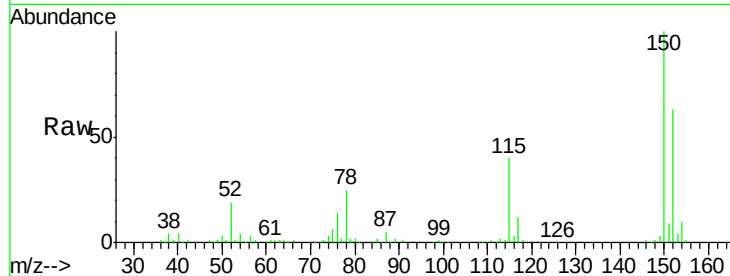


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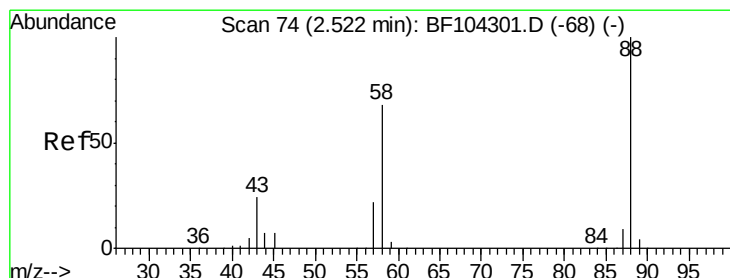
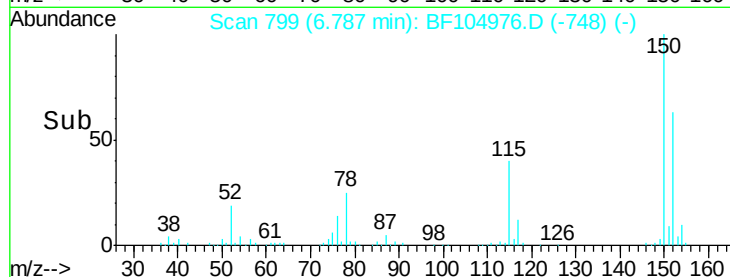
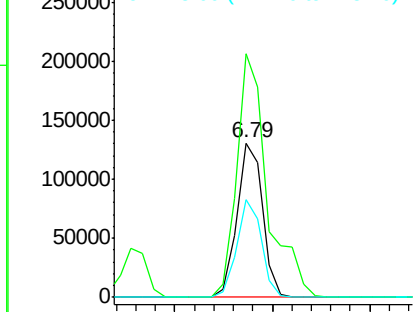
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118207
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 63.3 50.1 75.1



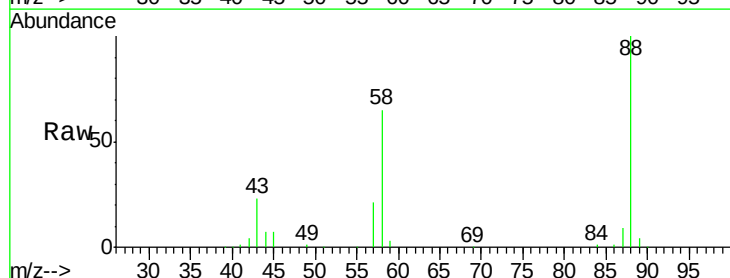
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



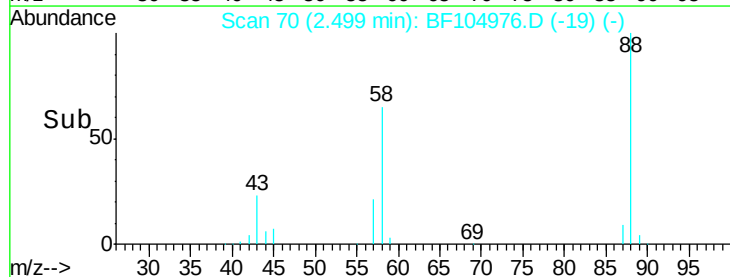
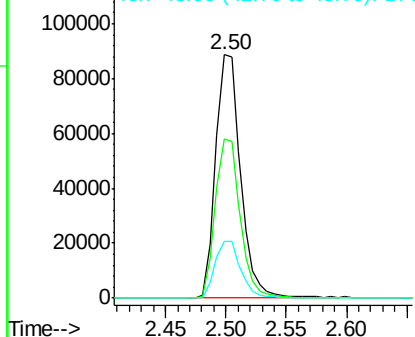
#2

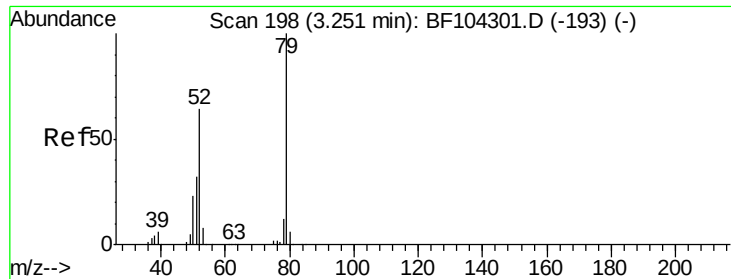
1,4-Dioxane
Concen: 35.036 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Tgt Ion: 88 Resp: 126206
Ion Ratio Lower Upper
88 100
58 64.8 62.6 93.8
43 24.0 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: 34.937 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampleId :

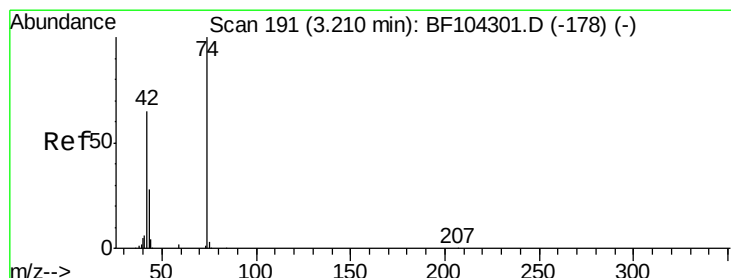
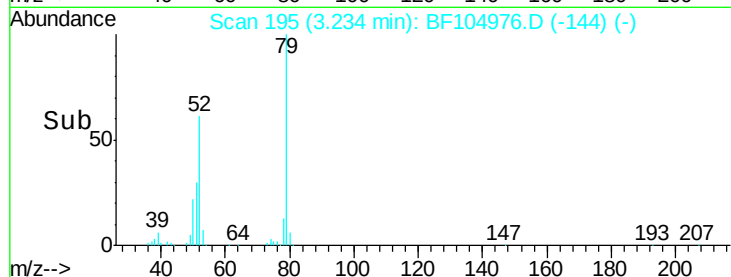
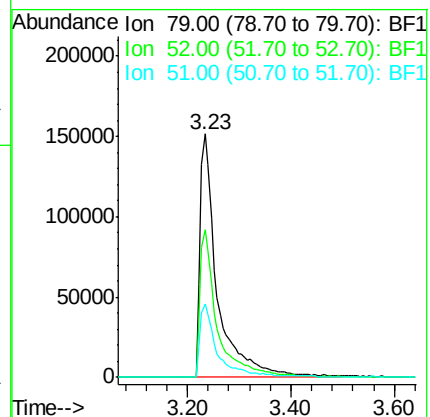
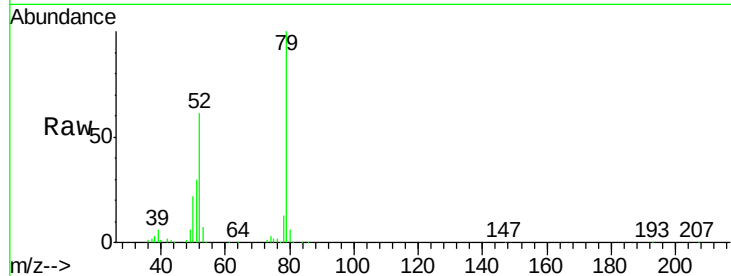
Tot Ion: 79 Resp: 353829

Ion Ratio Lower Upper

79 100

52 60.6 59.8 89.6

51 29.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 33.268 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

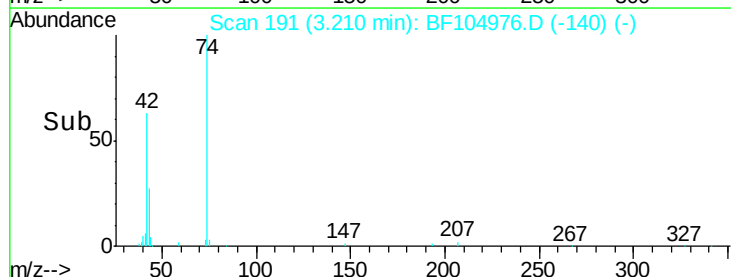
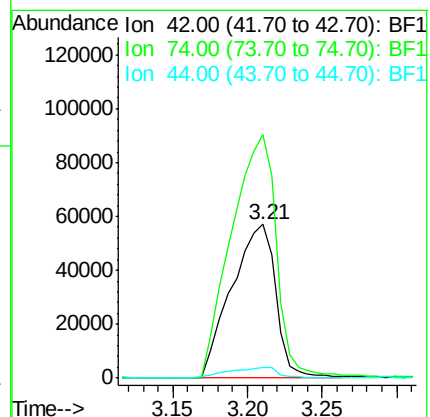
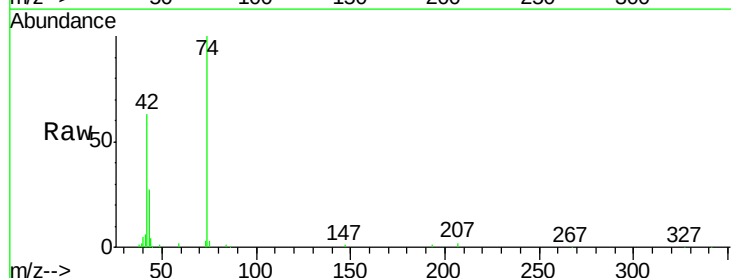
Tgt Ion: 42 Resp: 117778

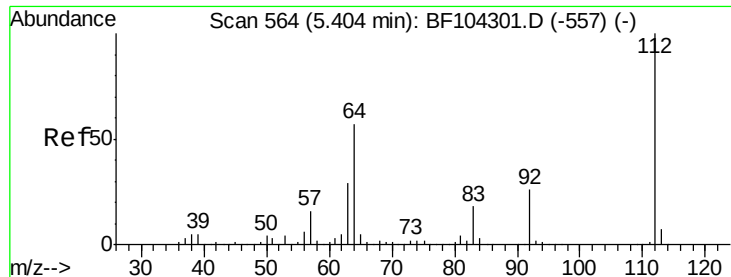
Ion Ratio Lower Upper

42 100

74 158.5 104.9 157.3#

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 75.526 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampleId :

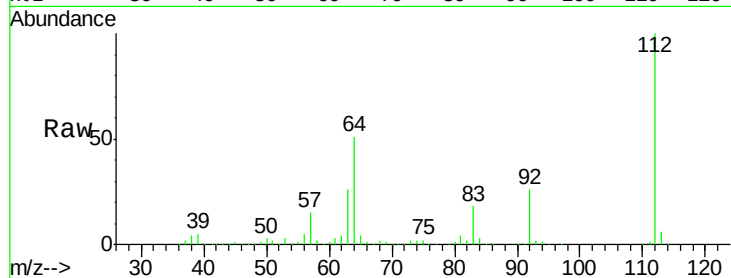
Tot Ion:112 Resp: 583874

Ion Ratio Lower Upper

112 100

64 51.4 47.9 71.9

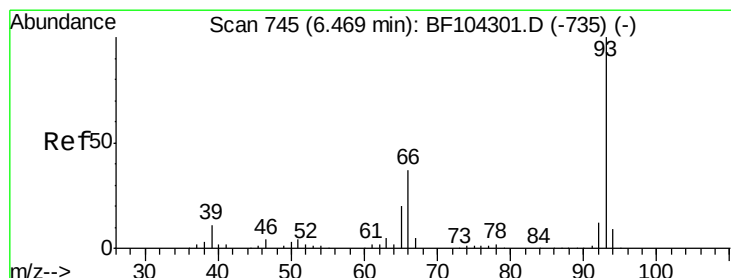
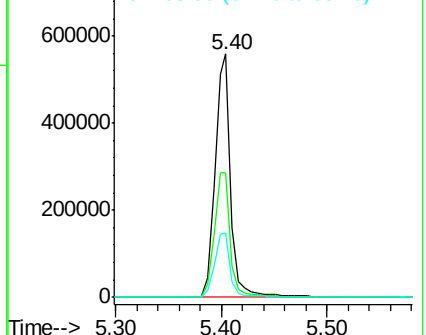
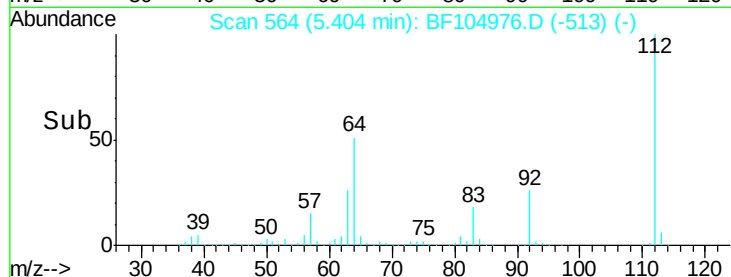
63 26.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.538 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

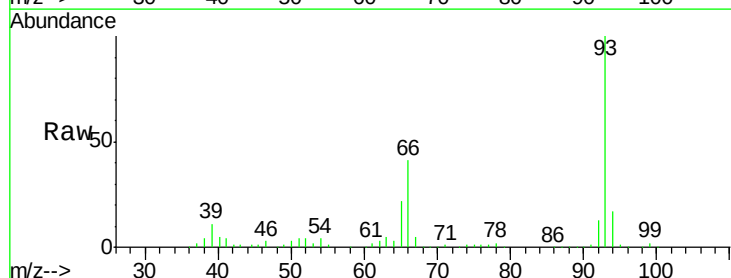
Tgt Ion: 93 Resp: 495373

Ion Ratio Lower Upper

93 100

66 41.0 32.2 48.2

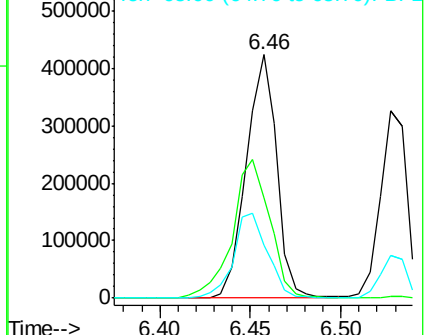
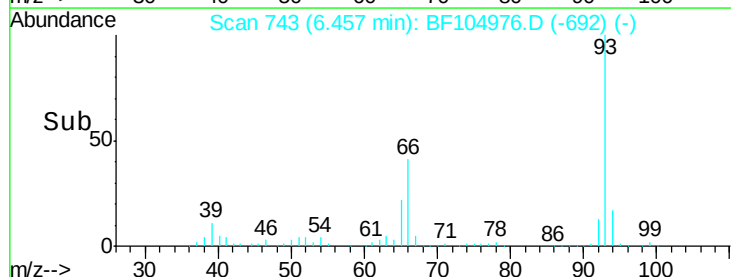
65 21.6 16.4 24.6

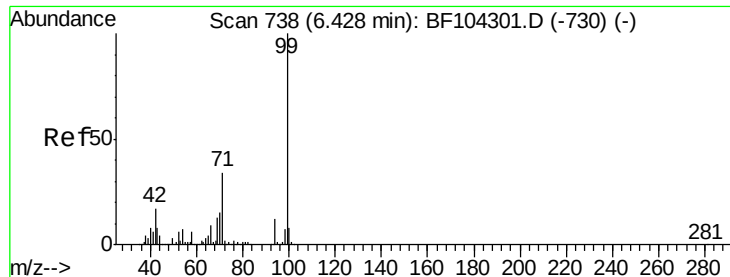


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.075 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampleId :

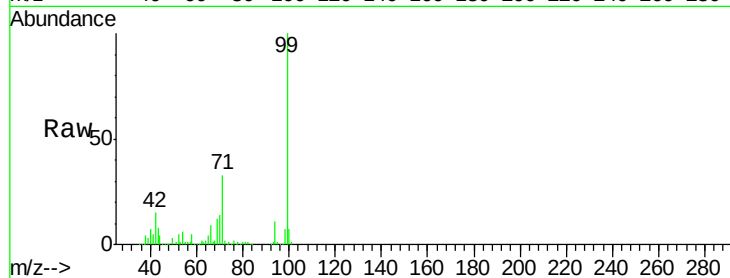
Tot Ion: 99 Resp: 741594

Ion Ratio Lower Upper

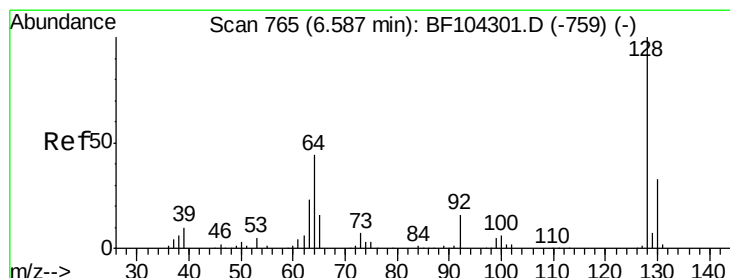
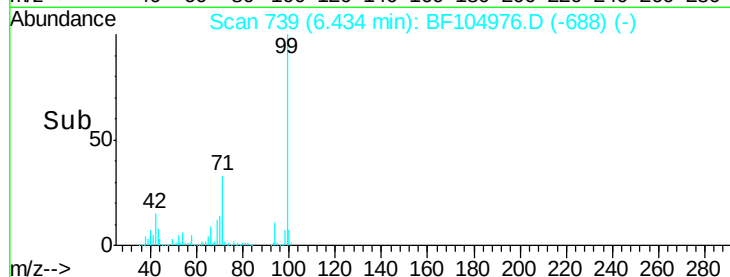
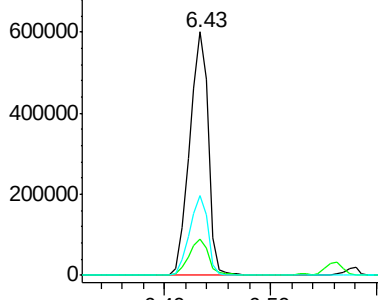
99 100

42 15.0 14.5 21.7

71 32.7 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: 40.840 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

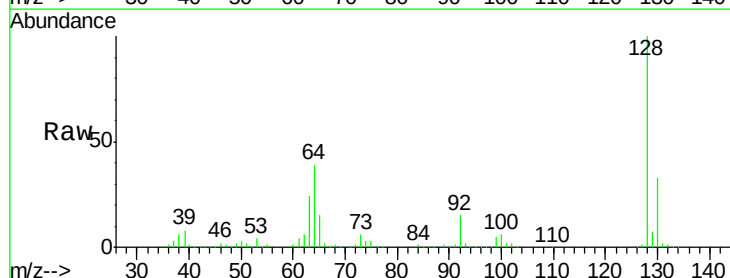
Tgt Ion: 128 Resp: 333235

Ion Ratio Lower Upper

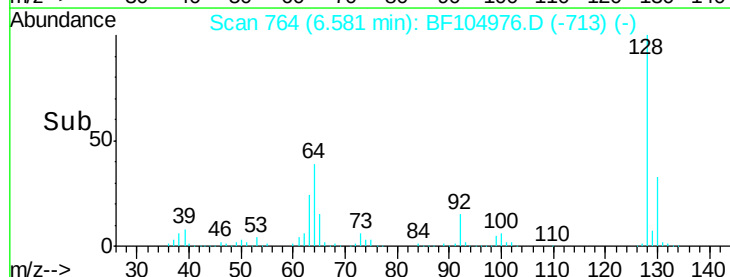
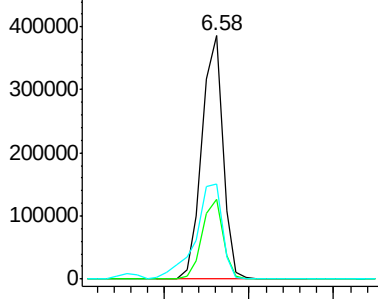
128 100

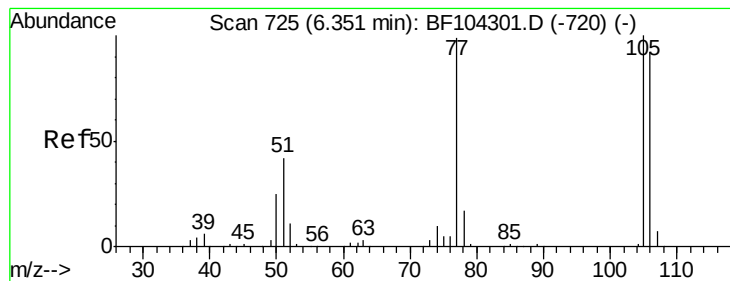
130 32.8 13.0 53.0

64 38.8 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: 43.254 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

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ClientSampleId :

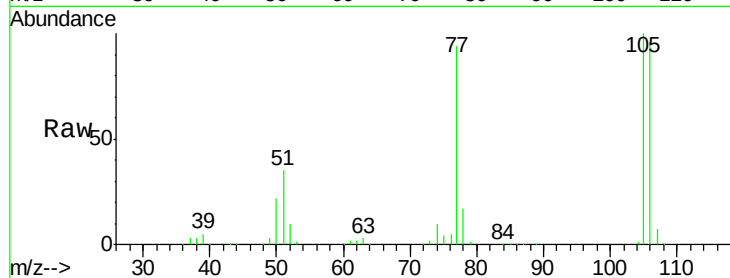
Tot Ion: 77 Resp: 202302

Ion Ratio Lower Upper

77 100

105 106.9 81.1 121.1

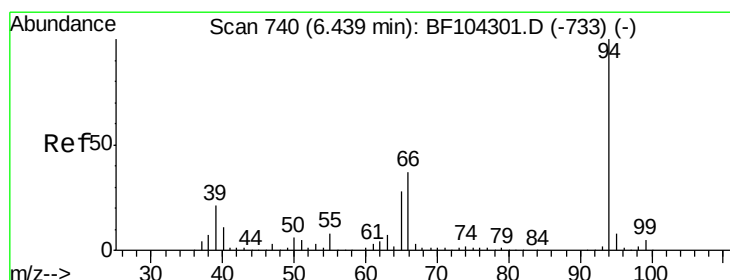
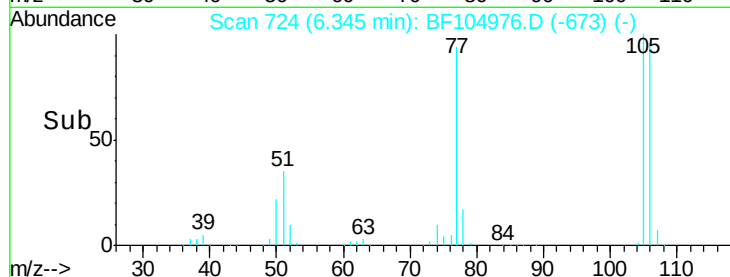
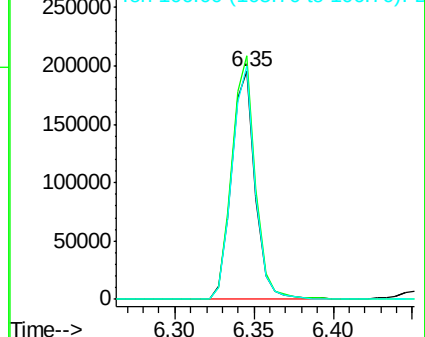
106 102.4 74.5 114.5



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: 40.497 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

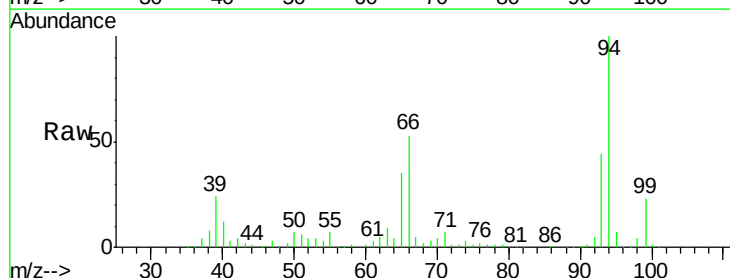
Tgt Ion: 94 Resp: 408143

Ion Ratio Lower Upper

94 100

65 34.6 7.9 47.9

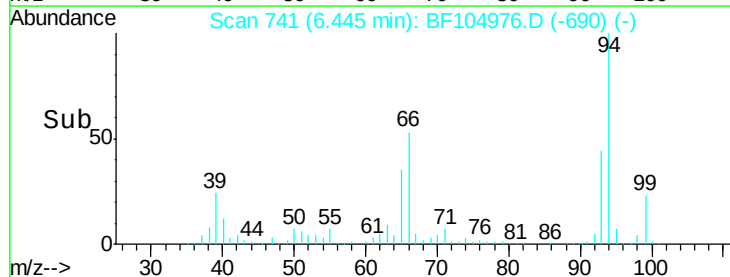
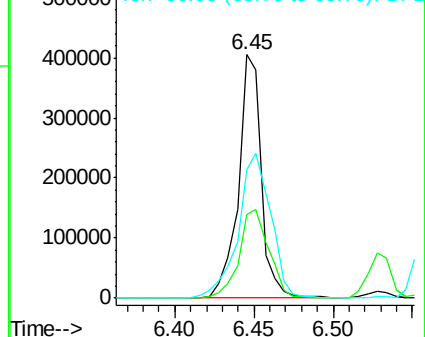
66 52.8 16.2 56.2

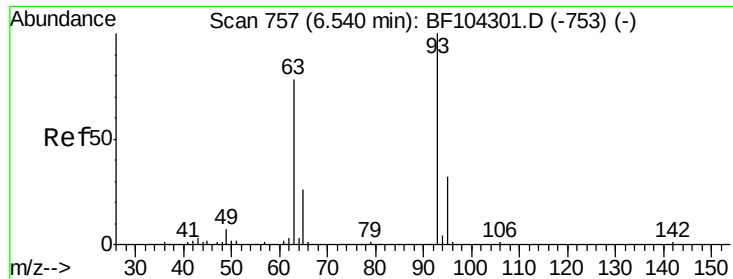


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

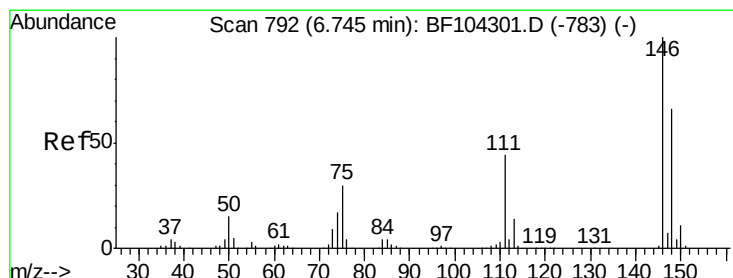
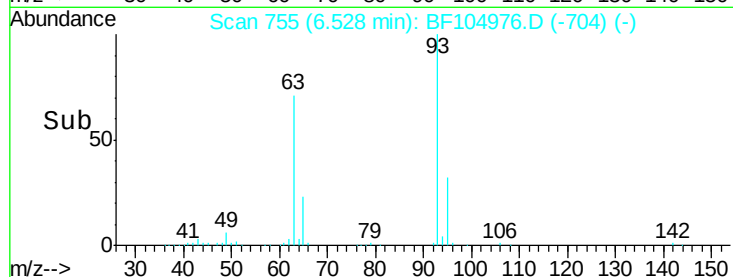
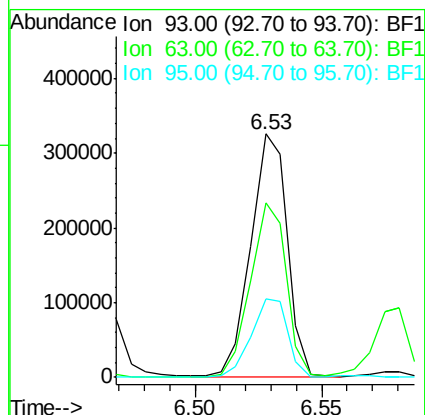
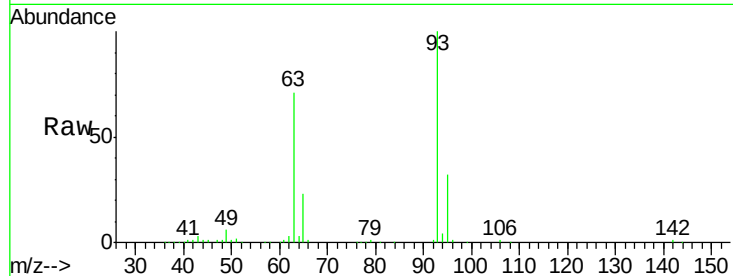




#11
 bis(2-Chloroethyl)ether
 Concen: 40.491 ng
 RT: 6.53 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

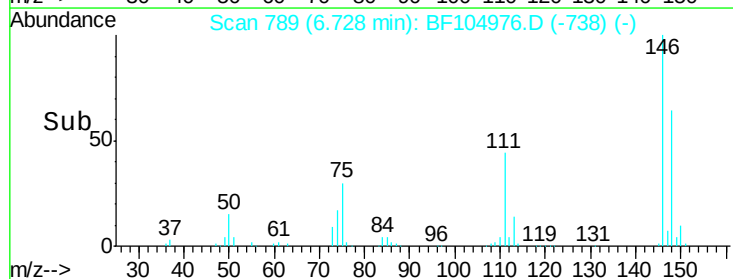
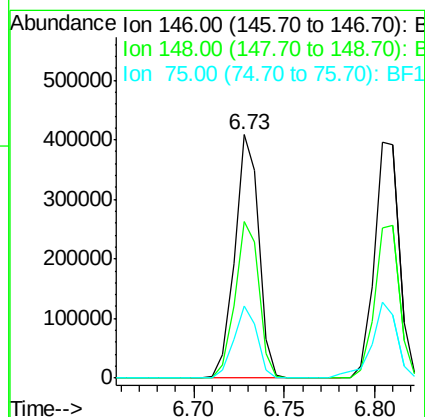
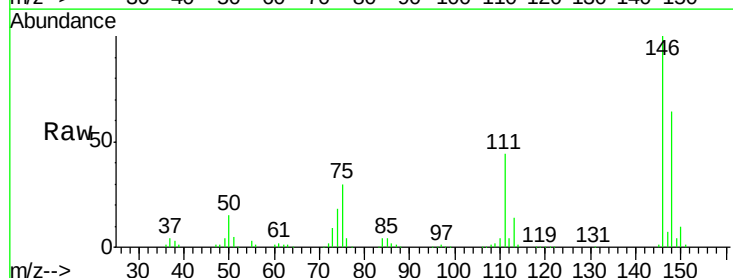
Instrument :
 BNA_F
 ClientSampleId :

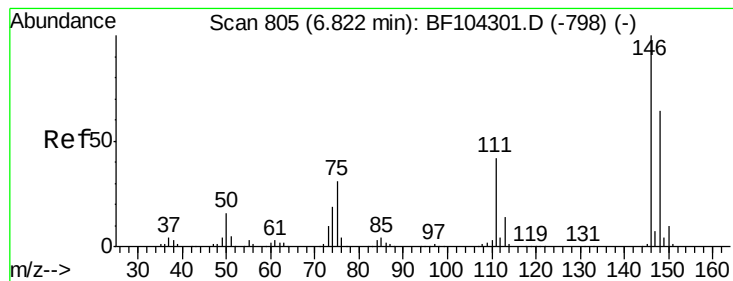
Tot Ion: 93 Resp: 325650
 Ion Ratio Lower Upper
 93 100
 63 71.5 58.6 98.6
 95 32.4 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 40.664 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

Tgt Ion: 146 Resp: 375894
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.8
 75 29.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.122 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampled :

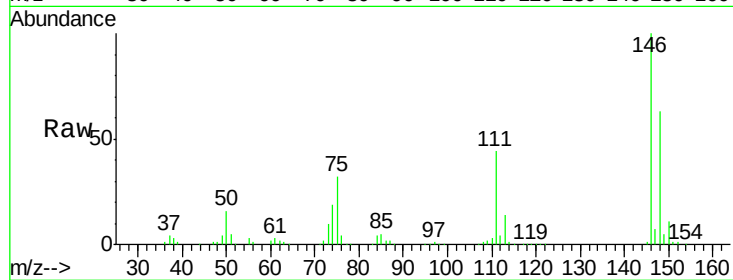
Tot Ion:146 Resp: 378918

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

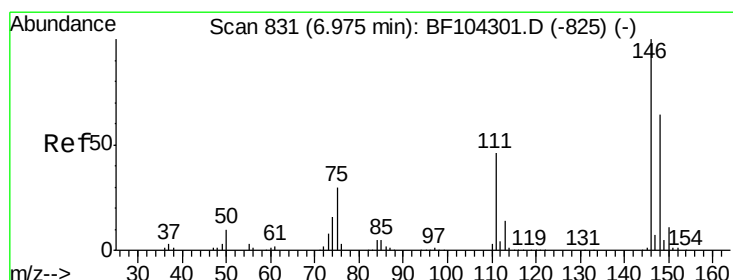
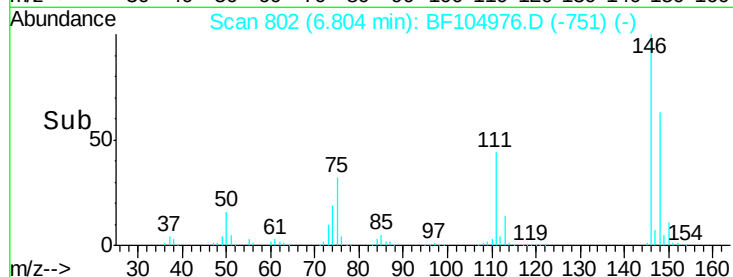
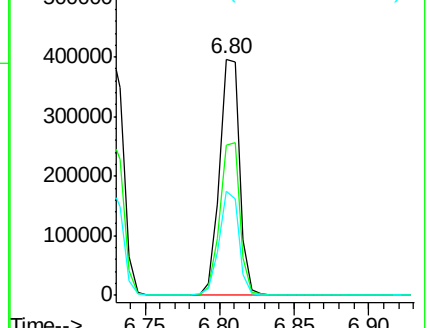
111 44.0 34.2 51.2



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: 41.771 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

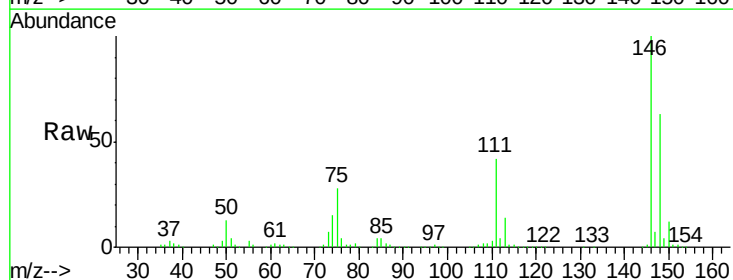
Tgt Ion:146 Resp: 356687

Ion Ratio Lower Upper

146 100

148 63.3 50.6 75.8

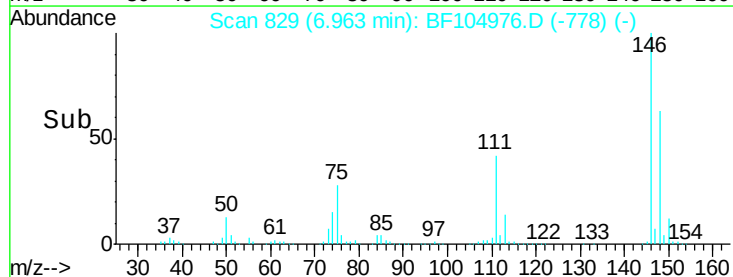
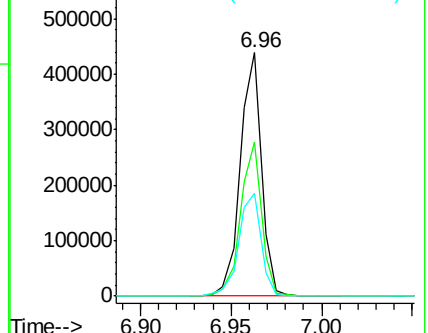
111 42.0 36.0 54.0

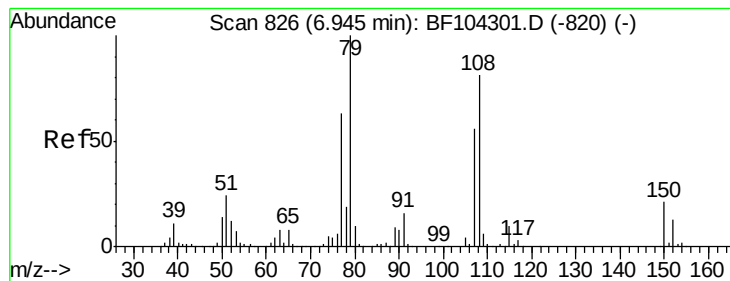


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.939 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampled :

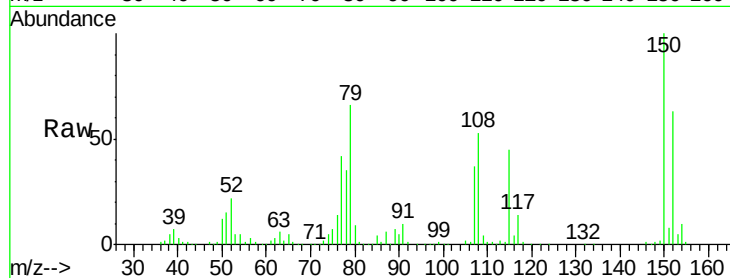
Tot Ion: 79 Resp: 266495

Ion Ratio Lower Upper

79 100

108 79.2 65.1 97.7

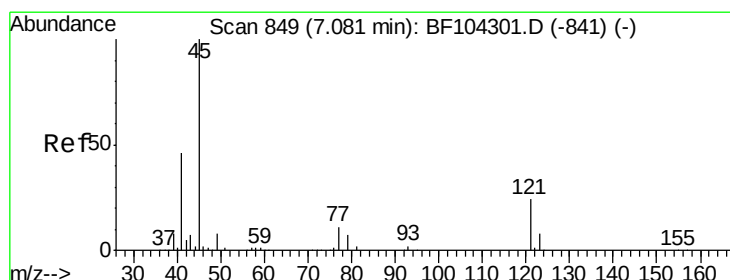
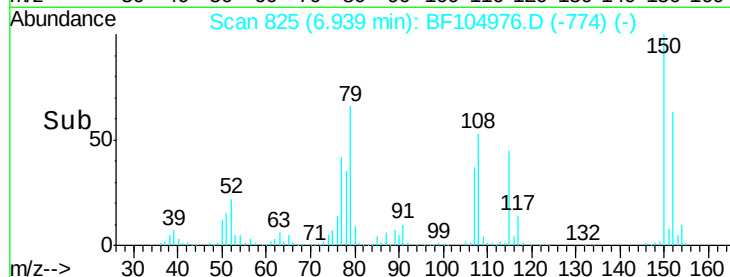
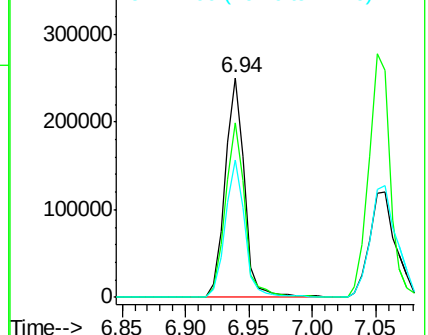
77 62.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.307 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

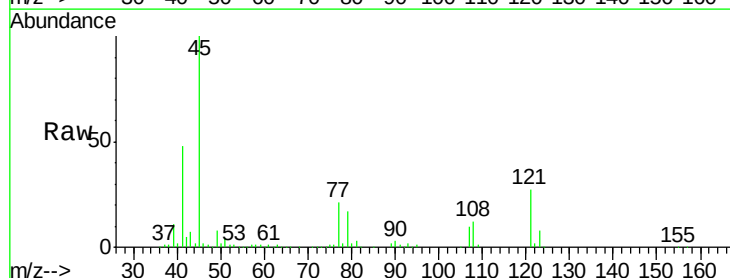
Tgt Ion: 45 Resp: 370546

Ion Ratio Lower Upper

45 100

77 20.9 0.0 32.9

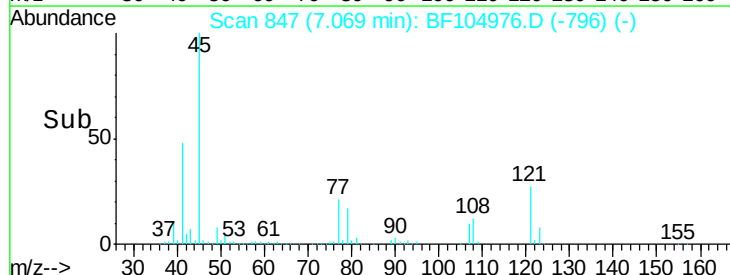
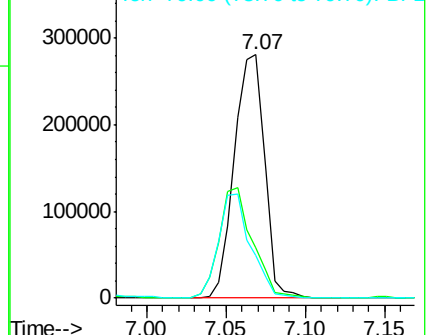
79 17.4 0.0 29.6

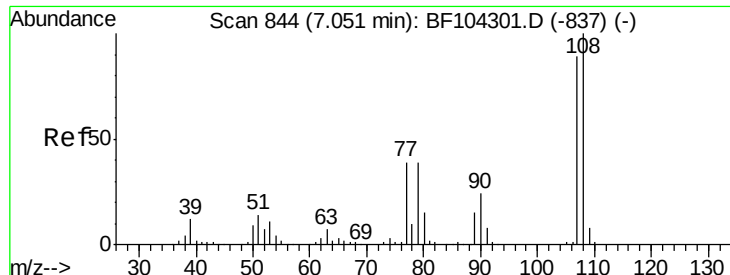


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

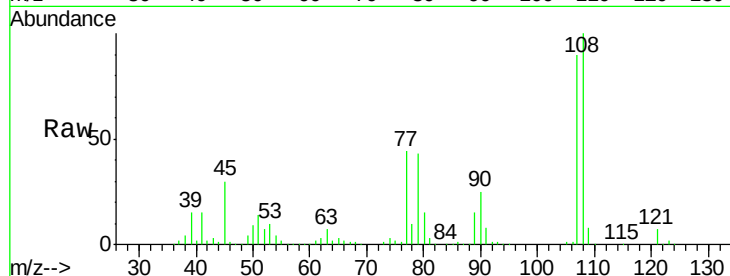




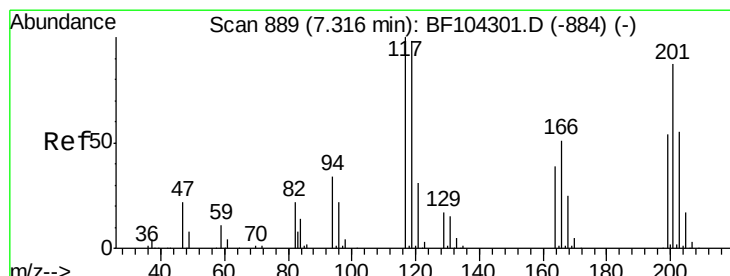
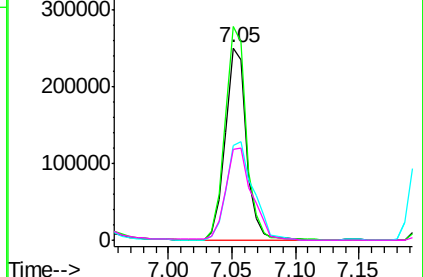
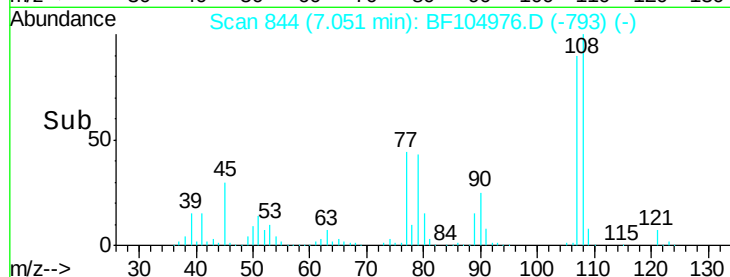
#17
2-Methylphenol
Concen: 40.720 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 288818
Ion Ratio Lower Upper
107 100
108 111.2 91.7 137.5
77 49.4 33.8 50.8
79 47.6 33.8 50.8

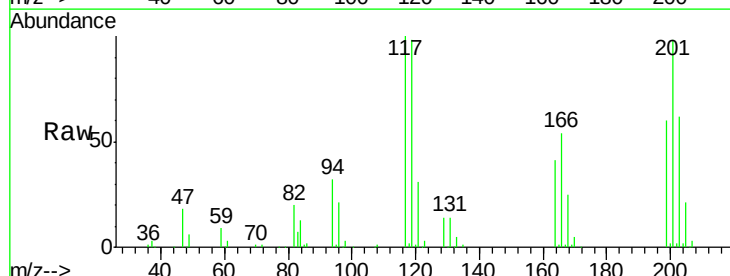


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

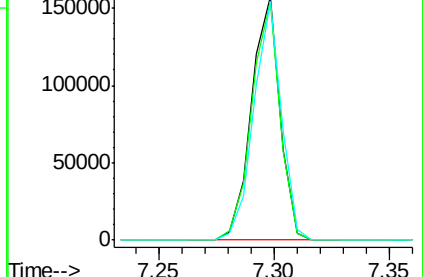
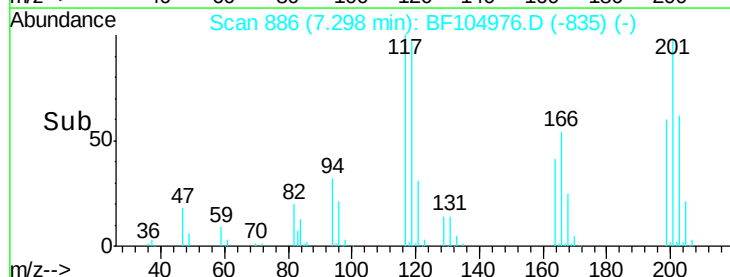


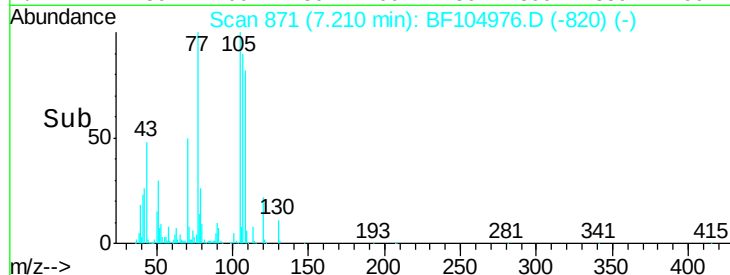
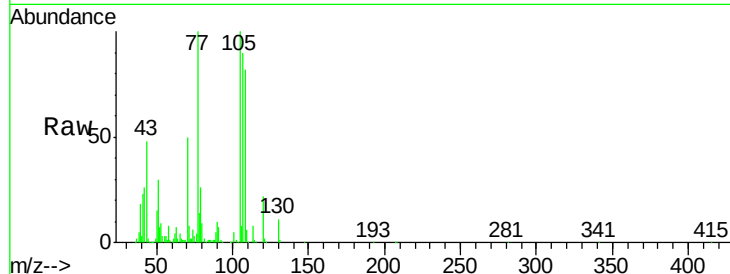
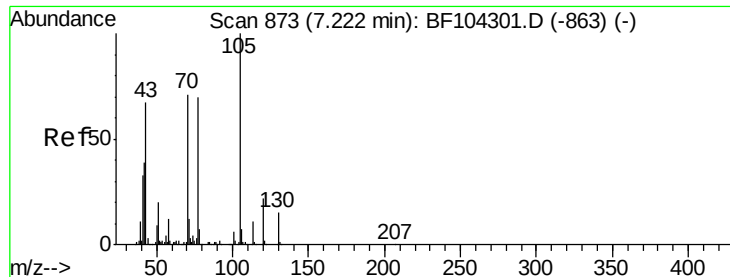
#18
Hexachloroethane
Concen: 41.270 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Tgt Ion:117 Resp: 135588
Ion Ratio Lower Upper
117 100
119 98.2 75.8 113.8
201 98.0 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

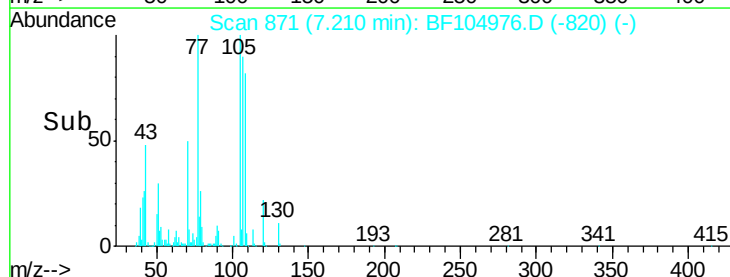
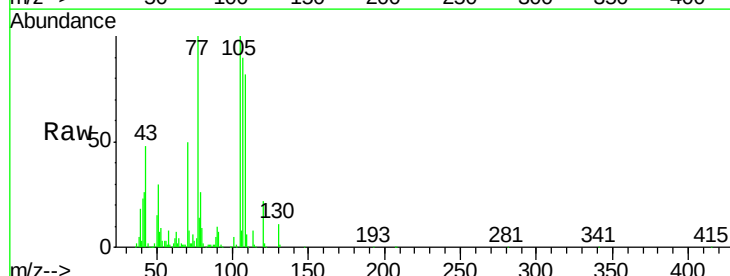
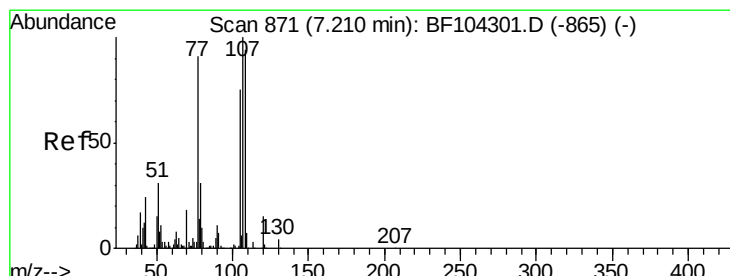
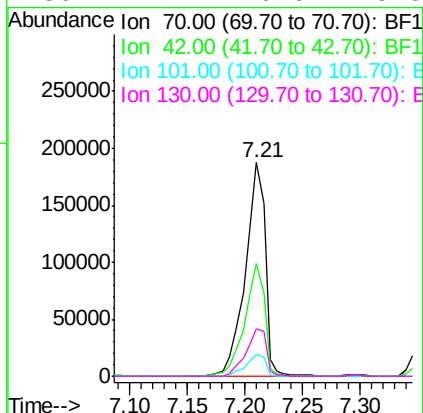




#19
n-Nitroso-di-n-propylamine
Concen: 36.109 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

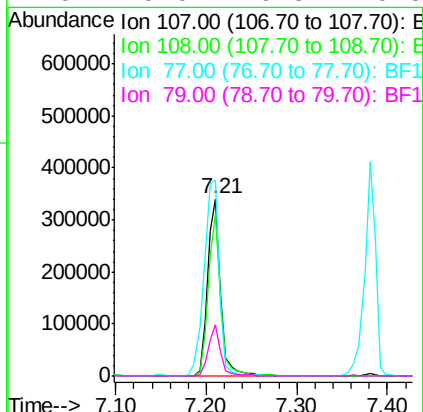
Instrument :
BNA_F
ClientSampleId :

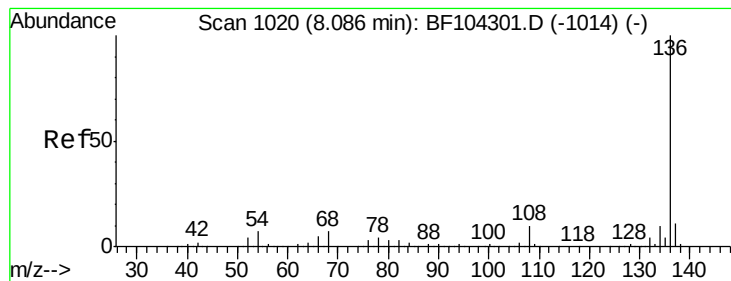
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.8	47.5	71.3
101	10.4	7.4	11.2
130	22.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.583 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	68.2	108.2
77	110.8	26.7	66.7#
79	29.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 509640

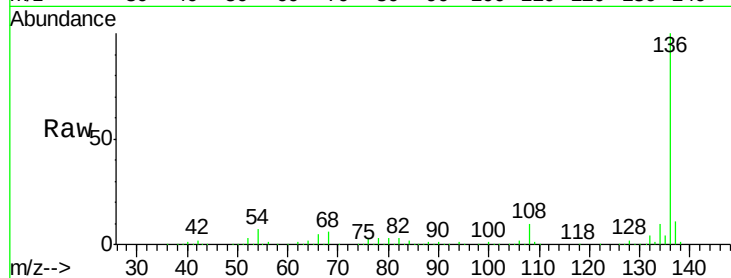
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.6 6.6 9.8

68 5.8 5.0 7.4

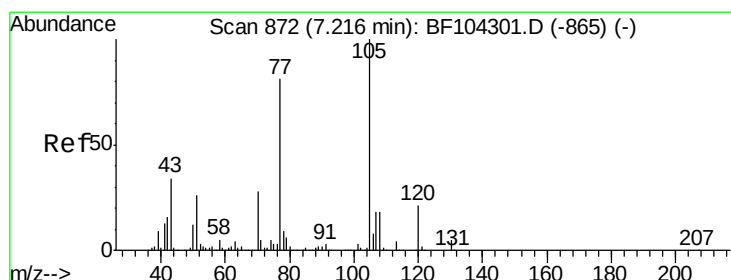
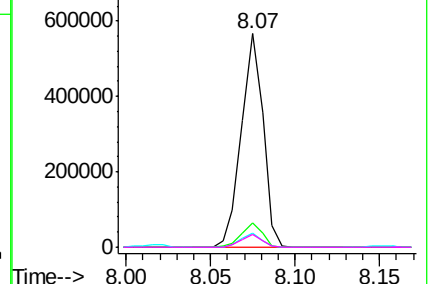
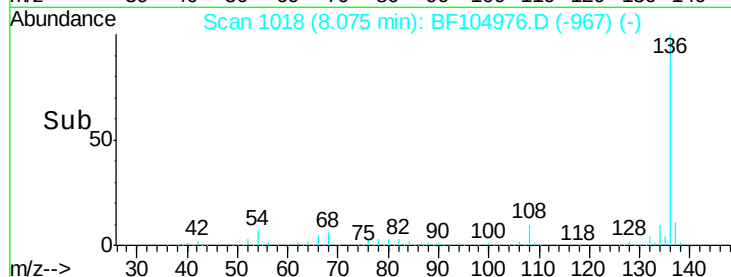


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.730 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Tgt Ion:105 Resp: 473396

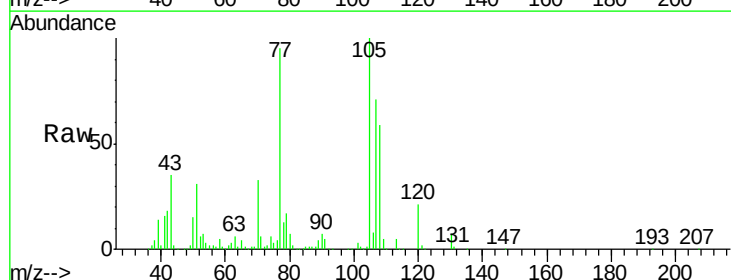
Ion Ratio Lower Upper

105 100

71 5.7 4.4 6.6

51 30.5 22.3 33.5

120 20.7 16.9 25.3

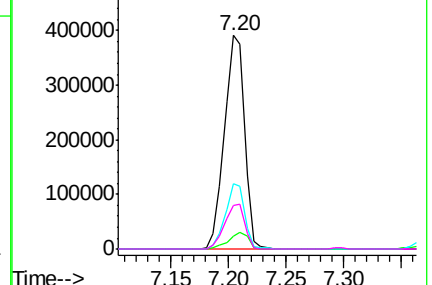
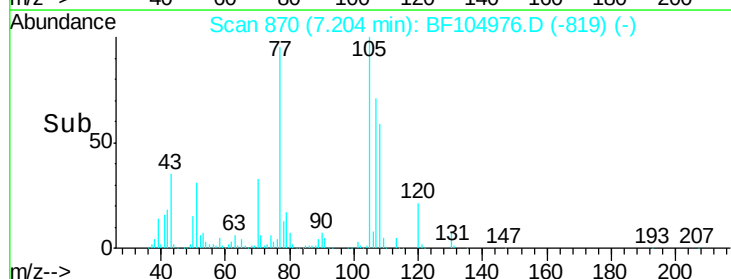


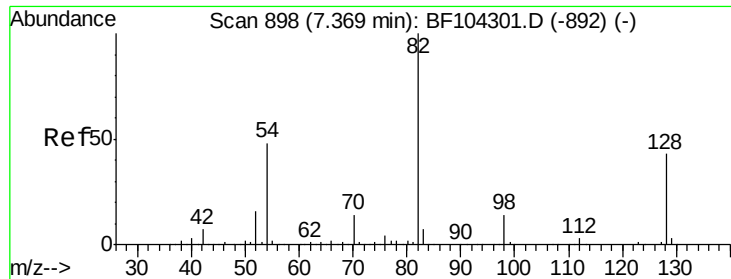
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

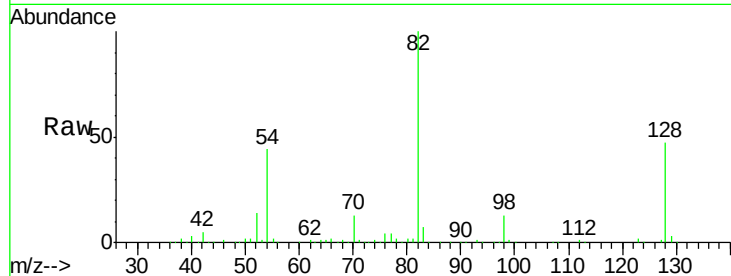




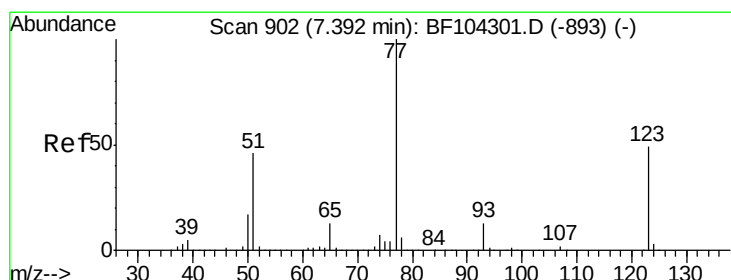
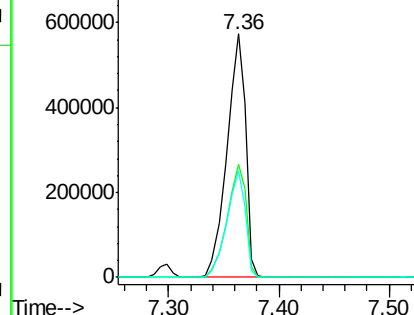
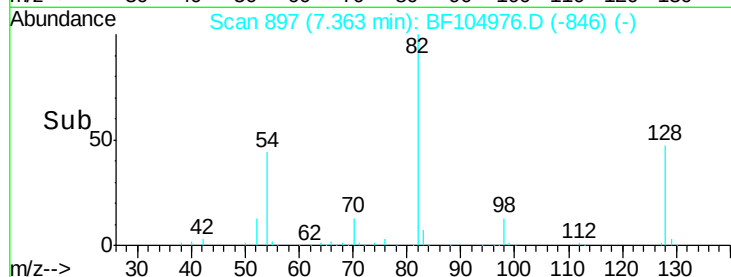
#23
Nitrobenzene-d5
Concen: 86.734 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 676941
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 44.1 41.4 62.2

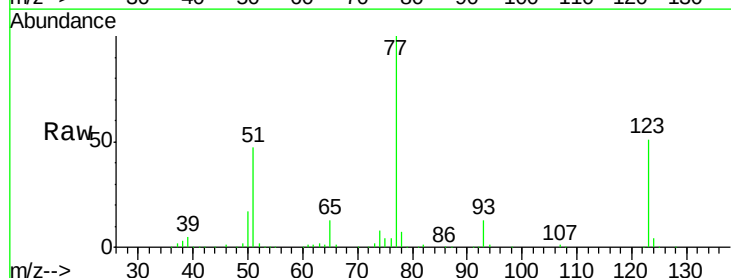


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

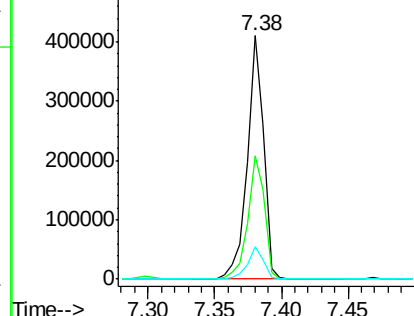
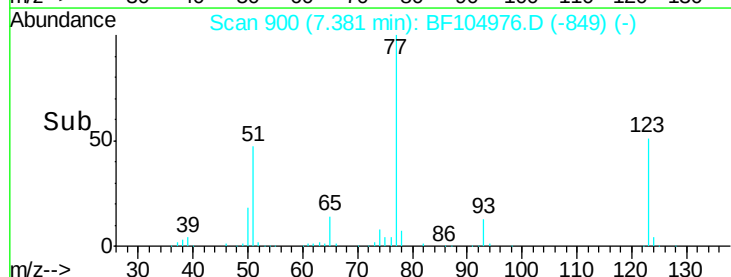


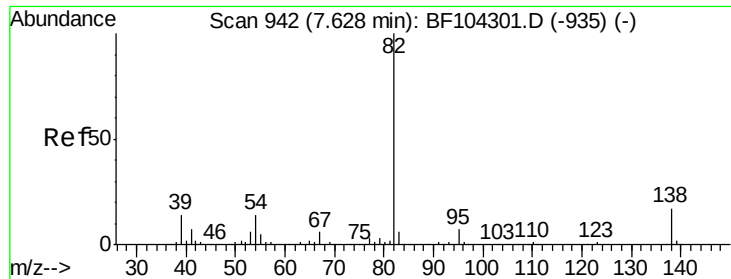
#24
Nitrobenzene
Concen: 40.343 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Tgt Ion: 77 Resp: 347635
Ion Ratio Lower Upper
77 100
123 50.9 37.9 56.9
65 13.4 11.0 16.4



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





#25

Isophorone

Concen: 37.421 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampleId :

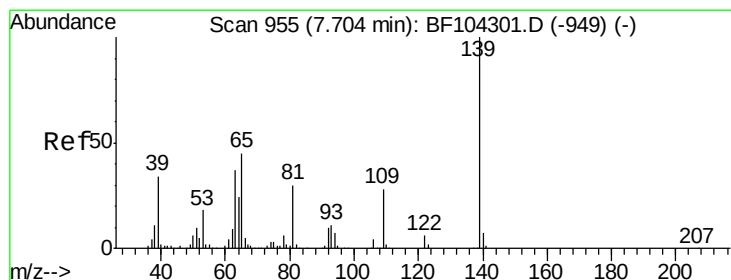
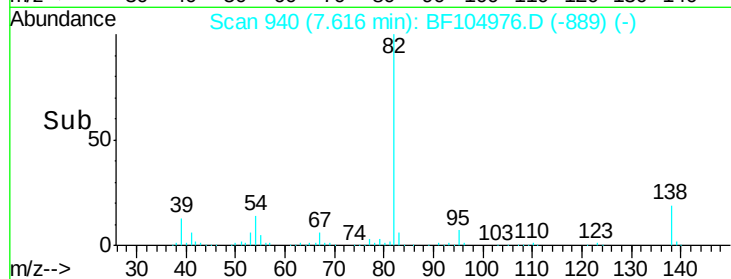
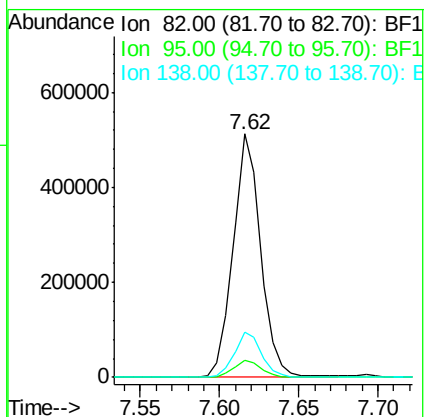
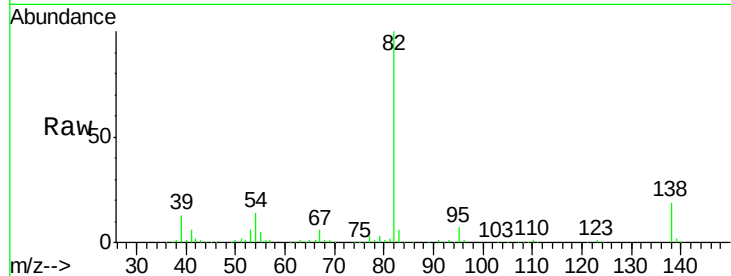
Tot Ion: 82 Resp: 617605

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 54.920 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

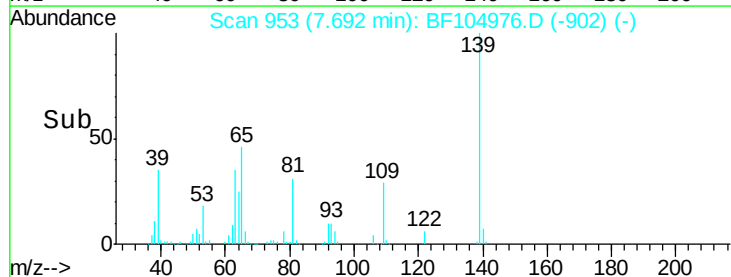
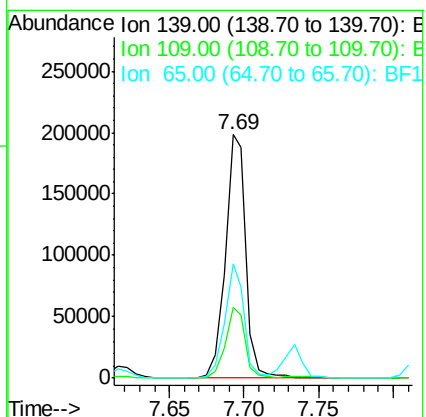
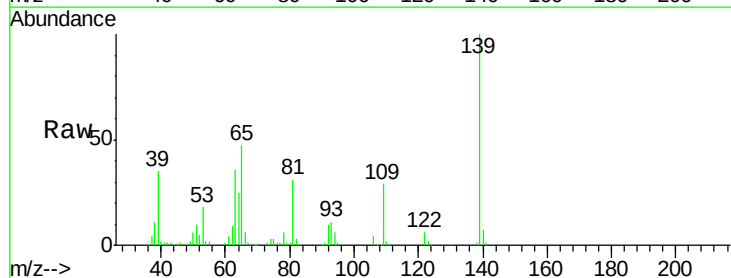
Tgt Ion: 139 Resp: 192661

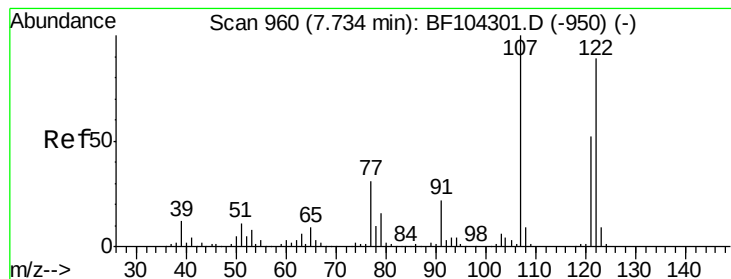
Ion Ratio Lower Upper

139 100

109 29.1 22.7 34.1

65 46.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.612 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampled :

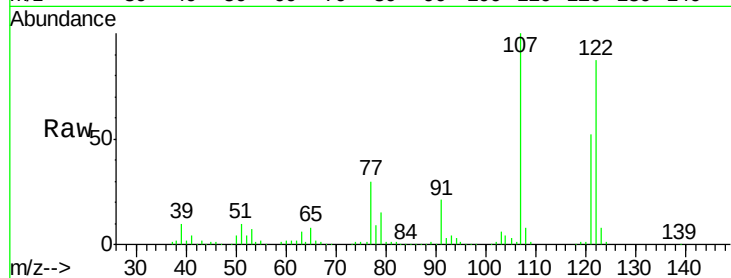
Tot Ion:122 Resp: 266681

Ion Ratio Lower Upper

122 100

107 114.4 91.2 136.8

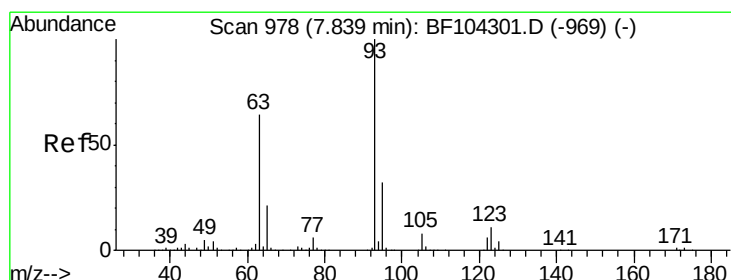
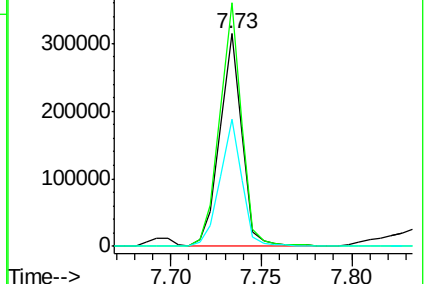
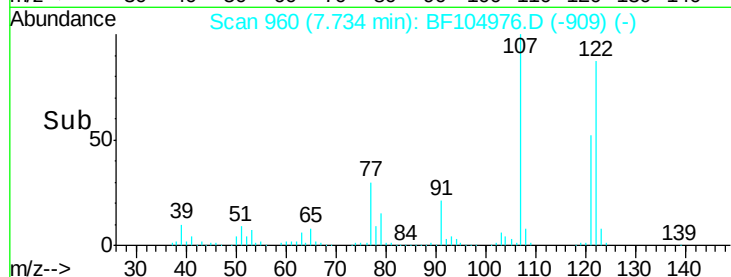
121 59.6 47.2 70.8



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: 38.009 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

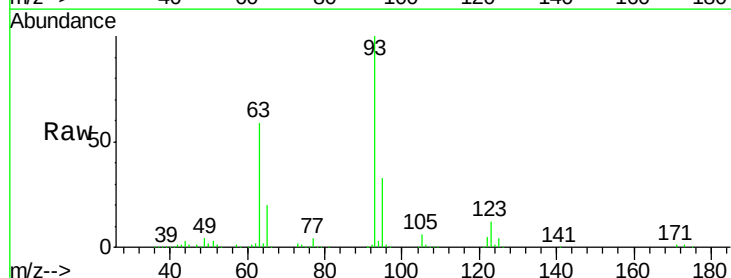
Tgt Ion: 93 Resp: 383548

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

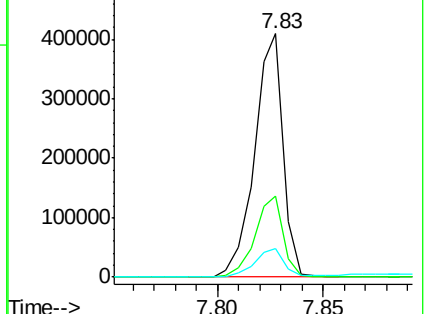
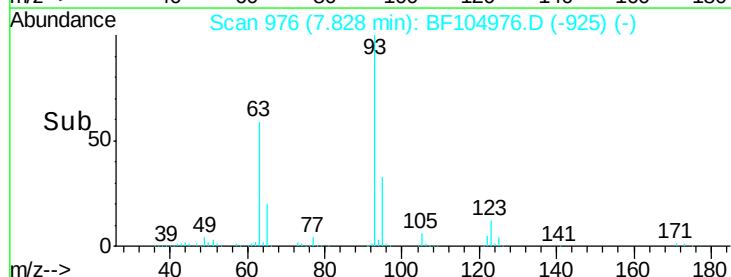
123 11.9 9.8 14.6

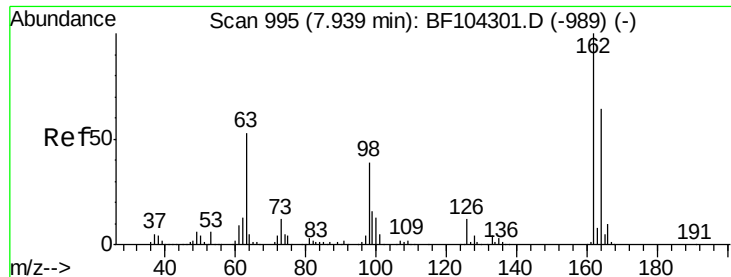


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

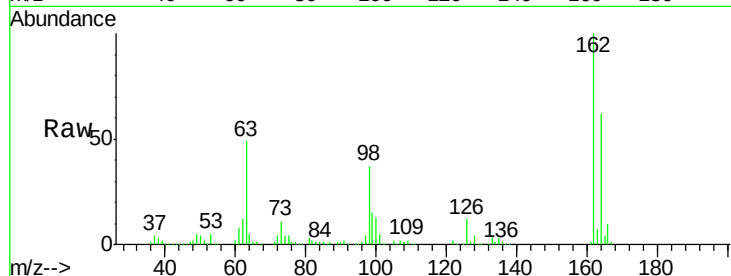




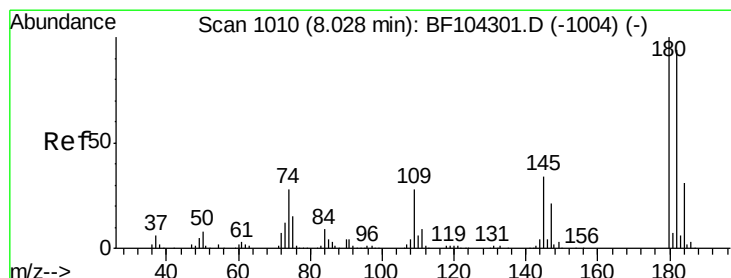
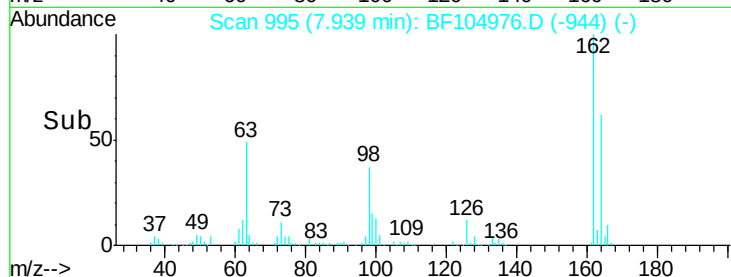
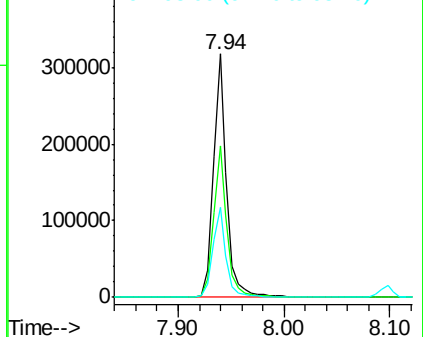
#29
 2,4-Dichlorophenol
 Concen: 40.481 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	42.7	82.7
98	36.7	18.1	58.1

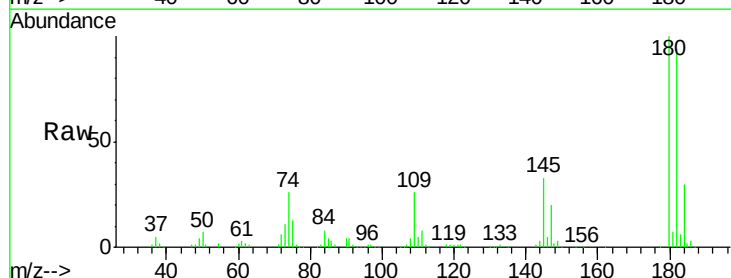


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

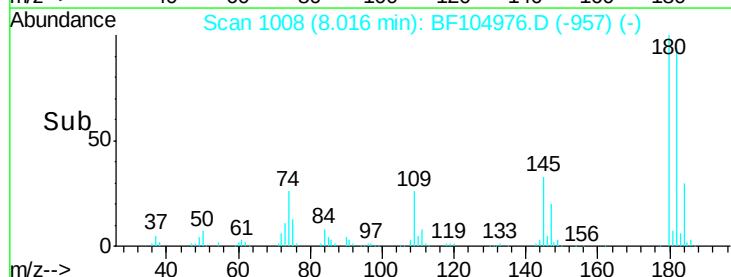
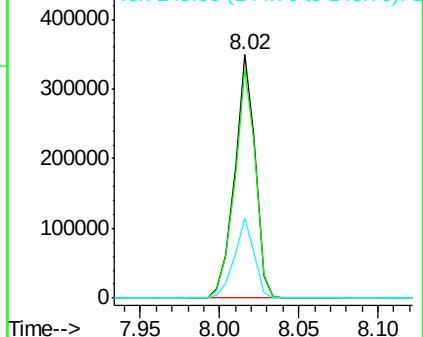


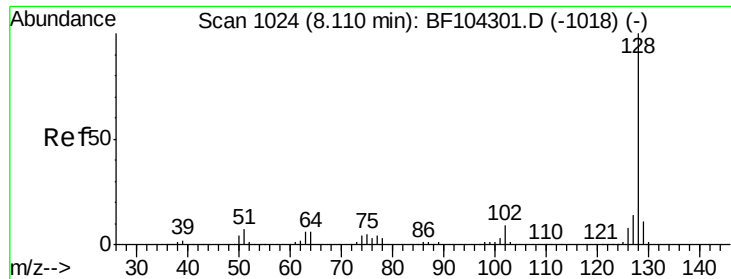
#30
 1,2,4-Trichlorobenzene
 Concen: 40.964 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.8	115.2
145	32.8	26.5	39.7



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

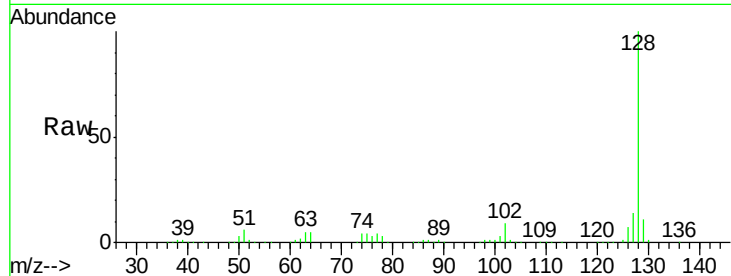




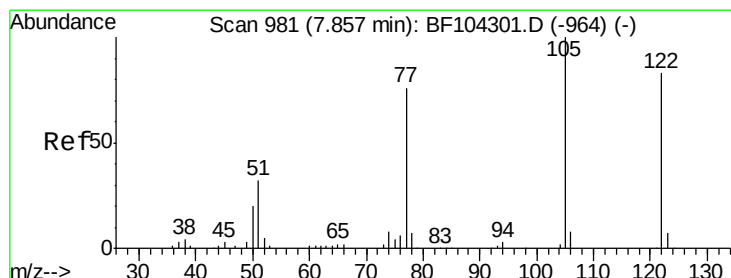
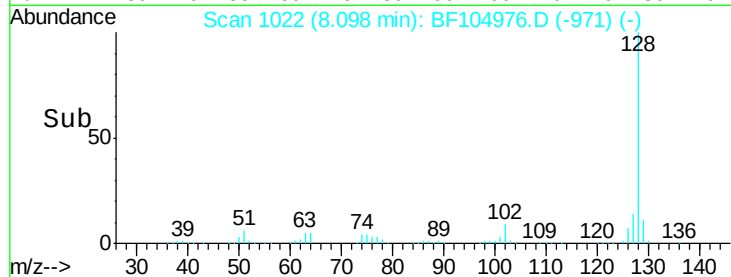
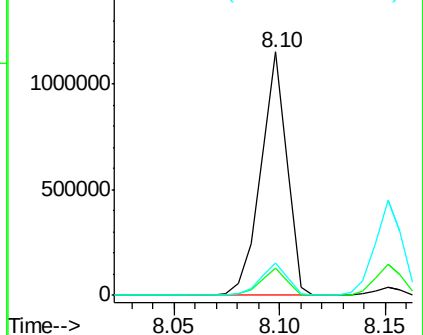
#31
Naphthalene
Concen: 39.251 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 996086
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.9 16.3

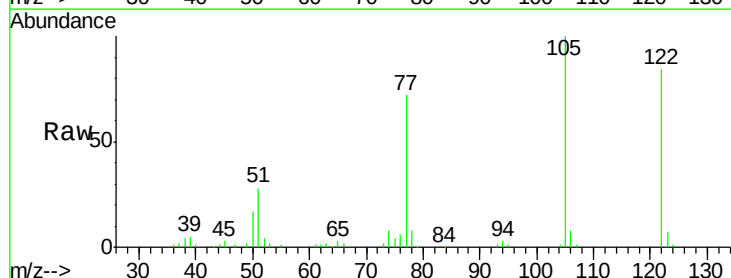


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

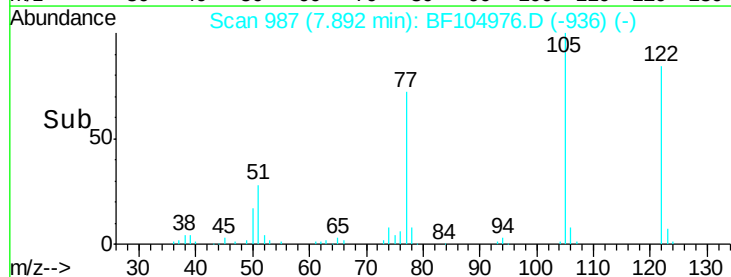
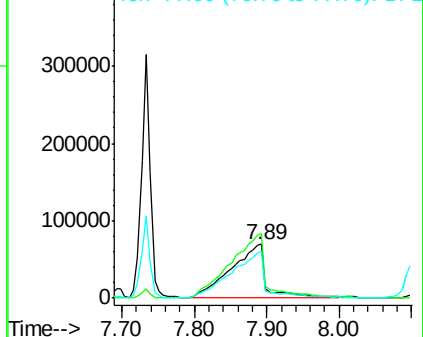


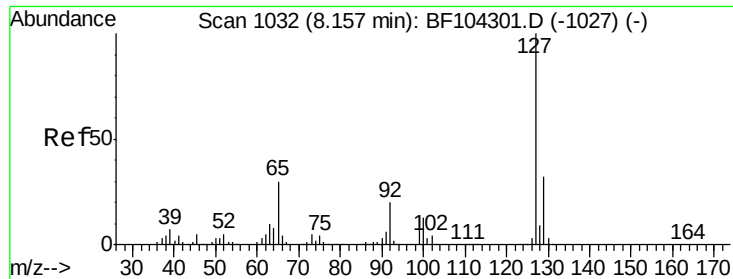
#32
Benzoic acid
Concen: 39.579 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Tgt Ion:122 Resp: 230024
Ion Ratio Lower Upper
122 100
105 118.9 101.1 141.1
77 86.1 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

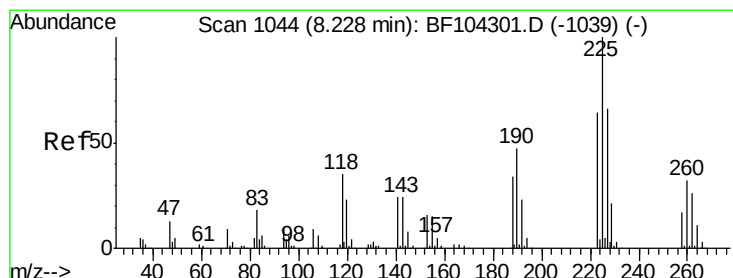
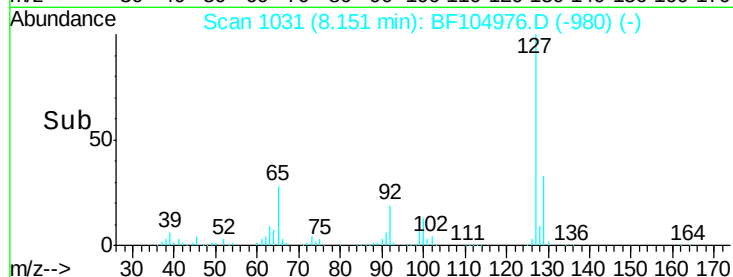
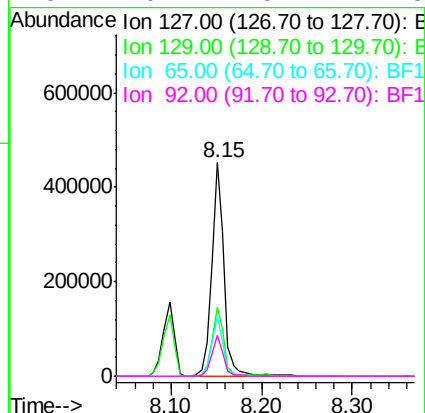
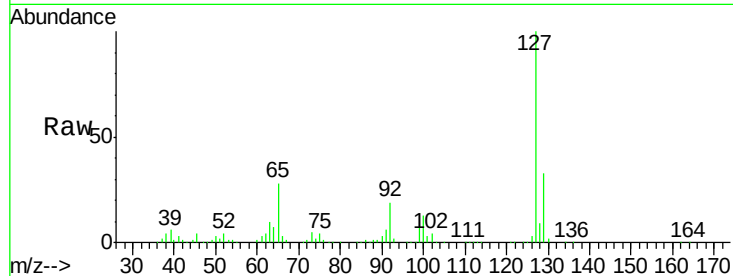




#33
4-Chloroaniline
Concen: 39.614 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

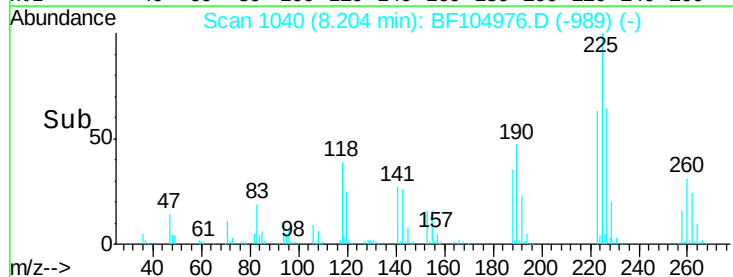
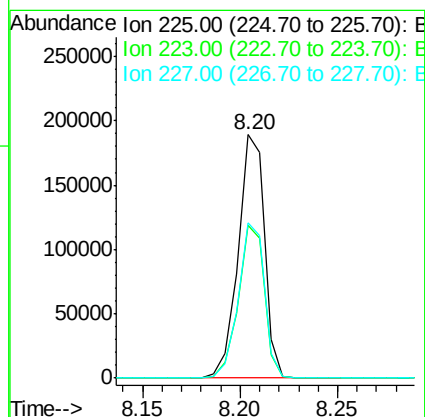
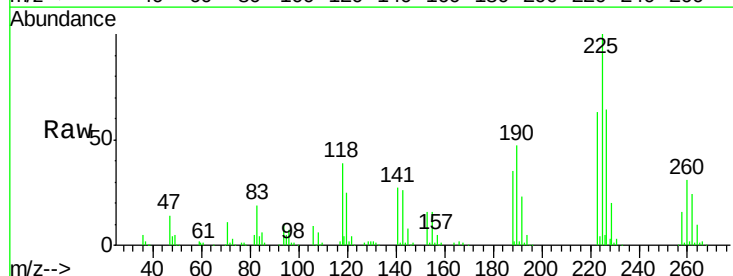
Instrument :
BNA_F
ClientSampleId :

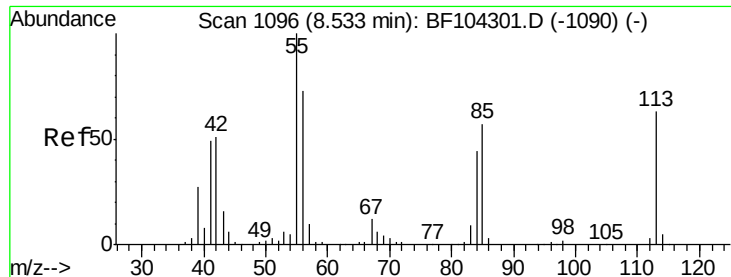
Tot Ion:	127	Resp:	430682
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	28.0	25.0	37.4
92	19.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.289 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Tgt Ion:	225	Resp:	176674
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	64.0	51.9	77.9

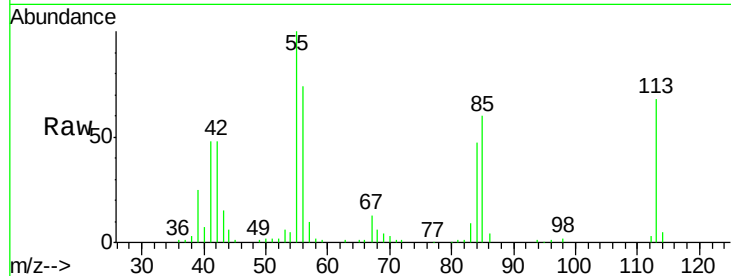




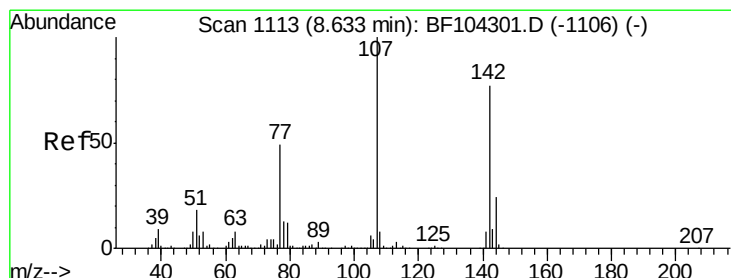
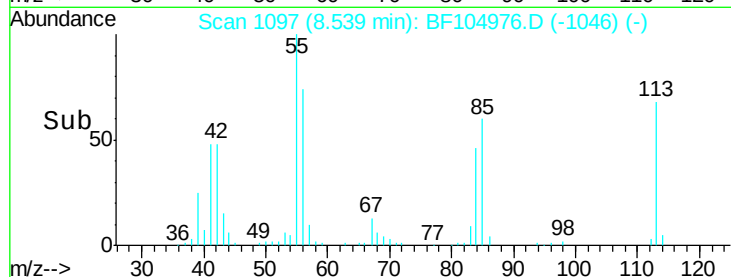
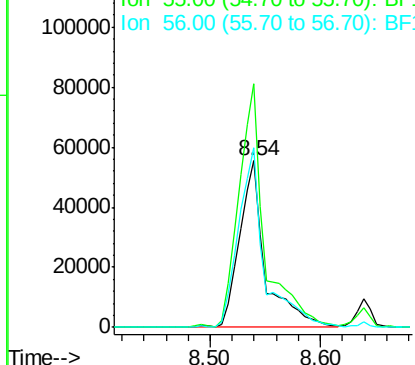
#35
Caprolactam
Concen: 37.770 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 91574
Ion Ratio Lower Upper
113 100
55 146.5 163.3 203.3#
56 108.3 115.7 155.7#

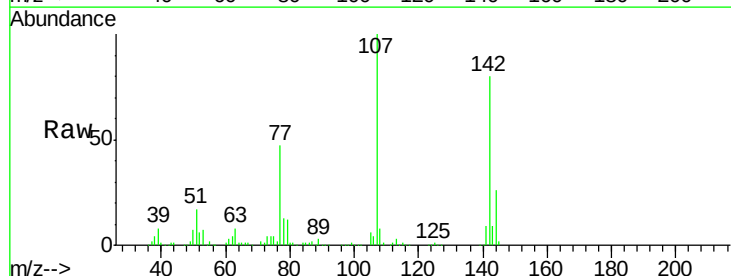


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

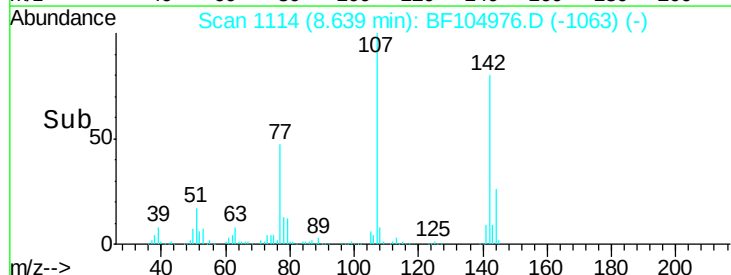
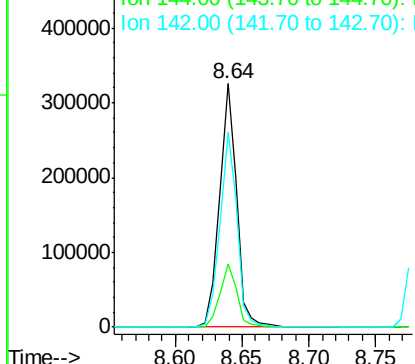


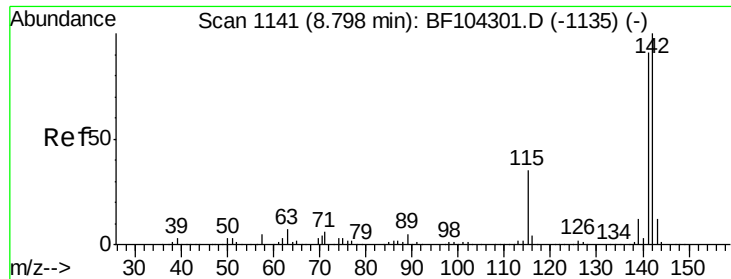
#36
4-Chloro-3-methylphenol
Concen: 39.723 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Tgt Ion:107 Resp: 296026
Ion Ratio Lower Upper
107 100
144 26.2 20.5 30.7
142 80.0 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

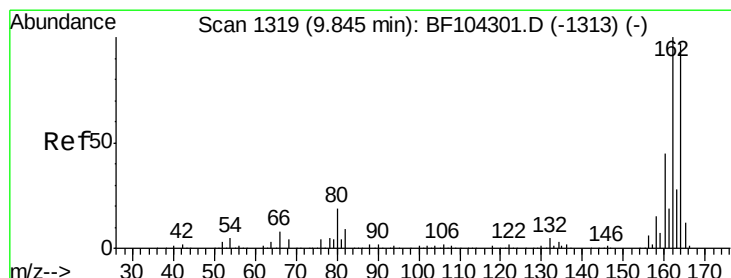
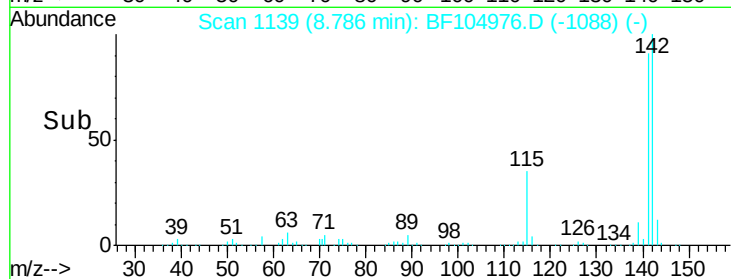
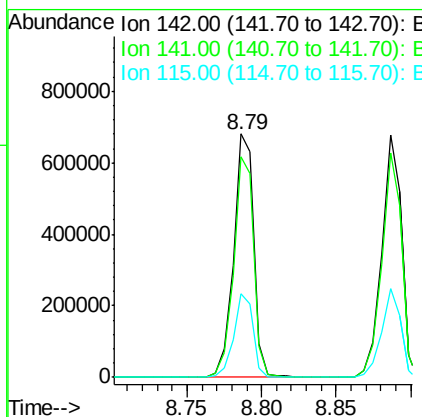
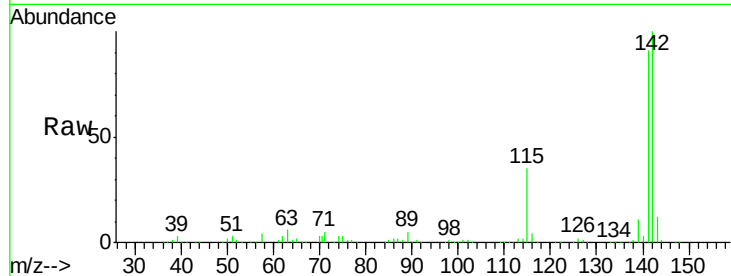




#37
 2-Methylnaphthalene
 Concen: 39.505 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

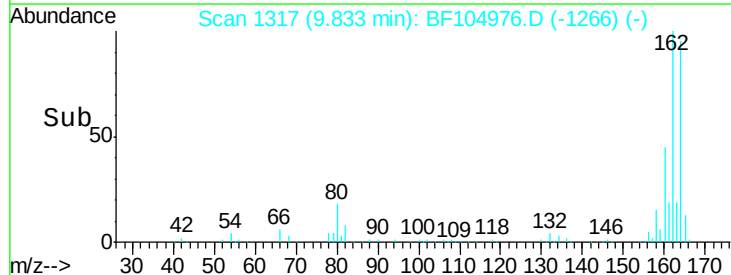
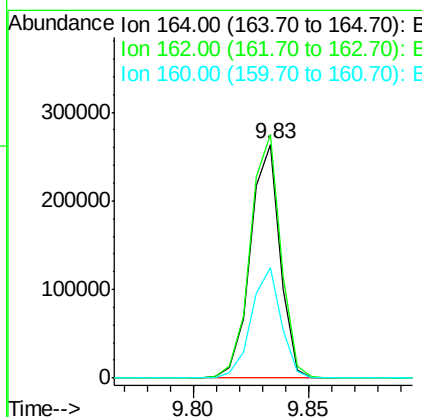
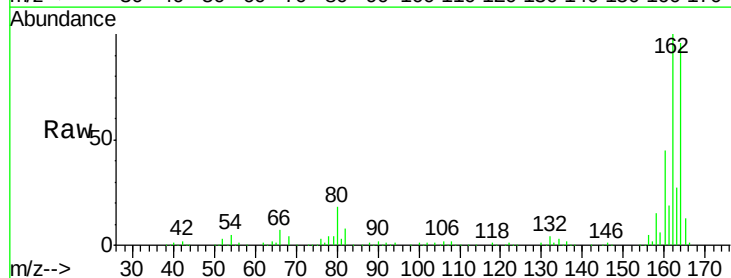
Instrument :
 BNA_F
 ClientSampled :

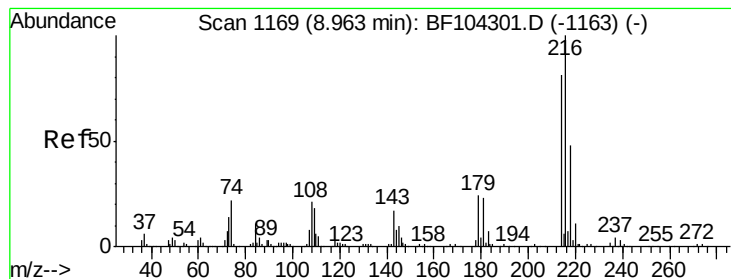
Tot Ion:142 Resp: 648492
 Ion Ratio Lower Upper
 142 100
 141 90.6 70.8 106.2
 115 34.5 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

Tgt Ion:164 Resp: 237771
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 47.3 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.662 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 290372

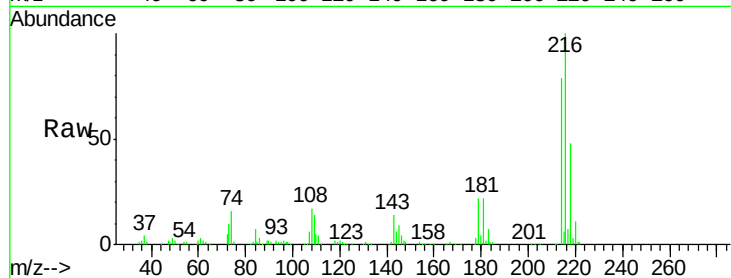
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 22.7 18.1 27.1

108 20.4 17.2 25.8

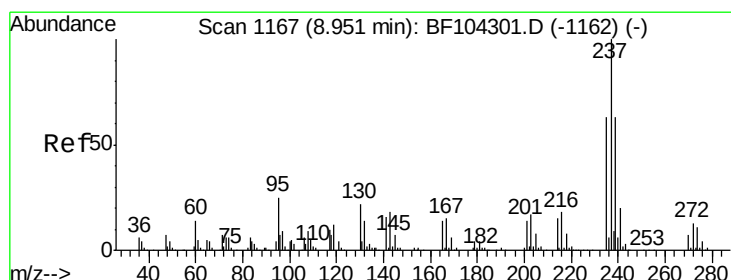
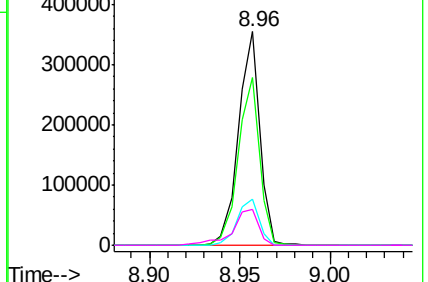
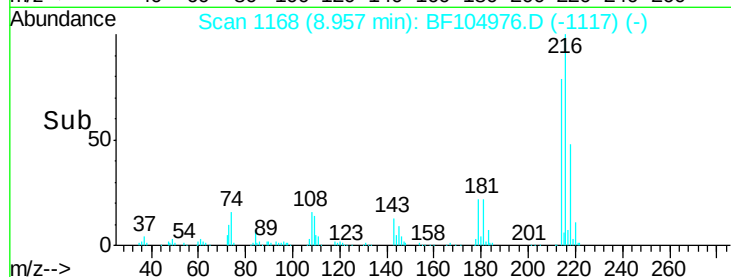


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.663 ng

RT: 8.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

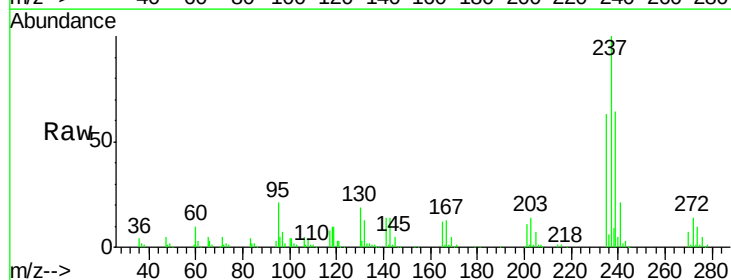
Tgt Ion:237 Resp: 170185

Ion Ratio Lower Upper

237 100

235 63.2 44.8 84.8

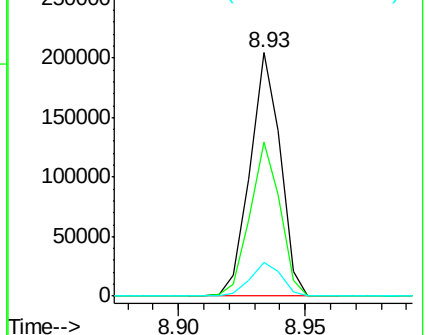
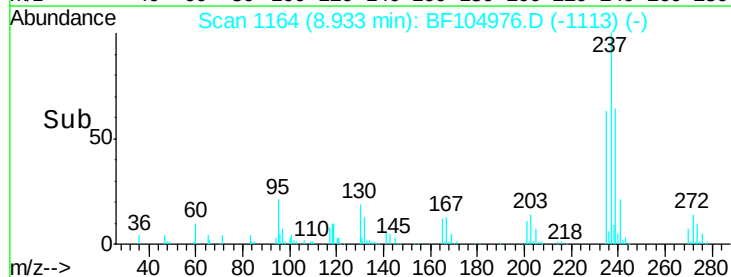
272 13.6 0.0 33.3

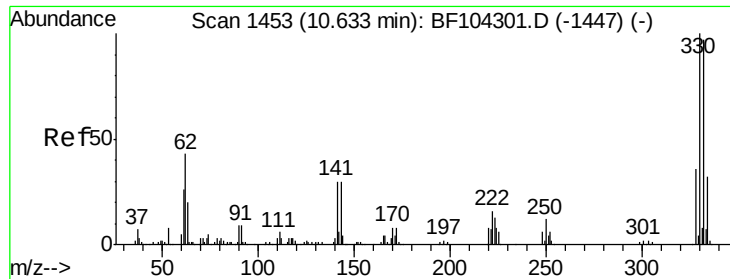


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

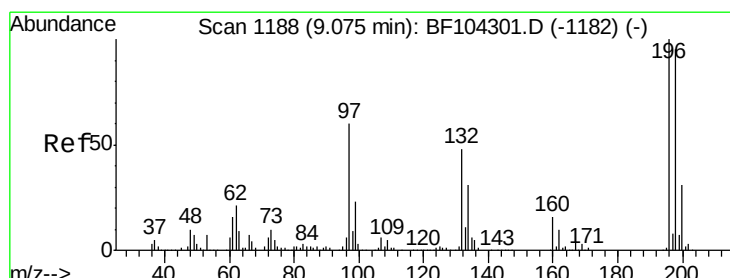
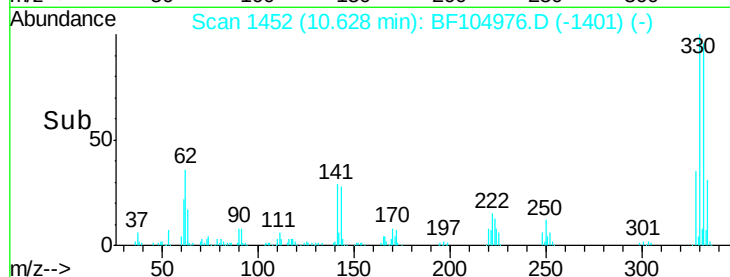
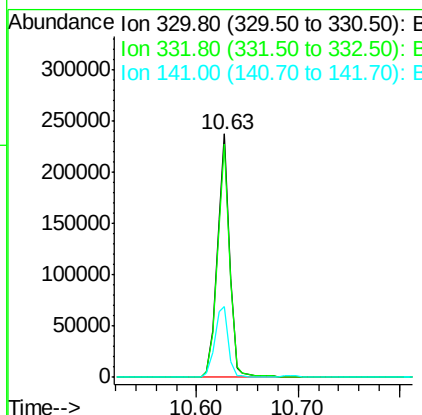
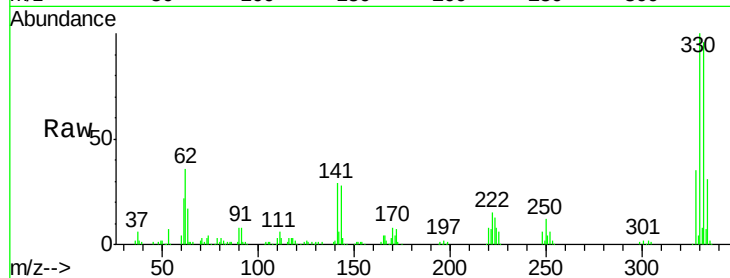




#41
 2,4,6-Tribromophenol
 Concen: 81.360 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

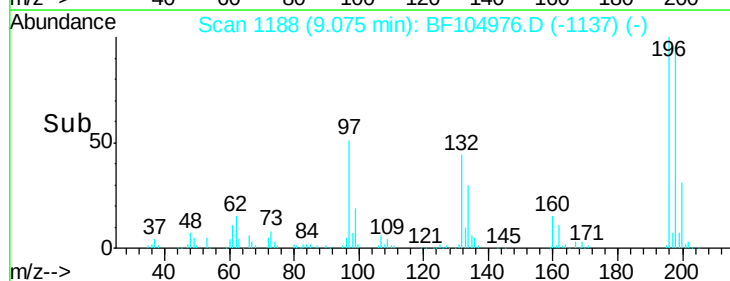
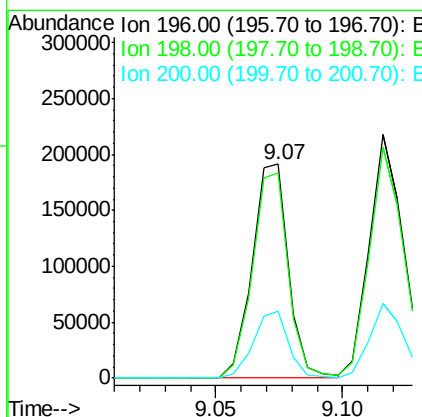
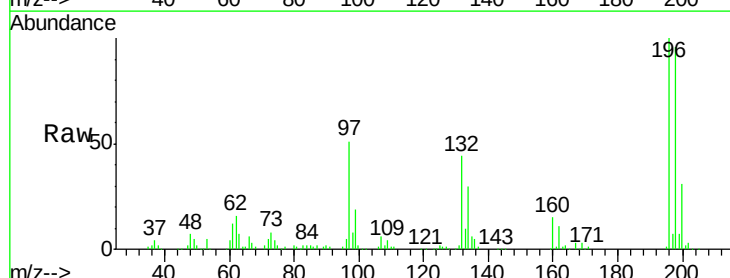
Instrument :
 BNA_F
 ClientSampleId :

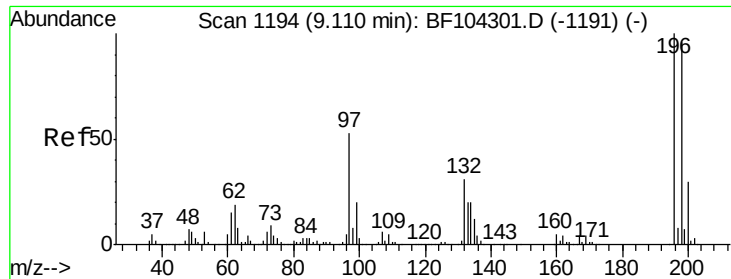
Tot Ion	330	332	141
Resp:	200672		
Ion Ratio	100	95.7	32.4
Lower		77.0	29.9
Upper		115.6	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.419 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

Tgt Ion	196	198	200
Resp:	190975		
Ion Ratio	100	95.9	31.1
Lower		75.7	24.5
Upper		113.5	36.7

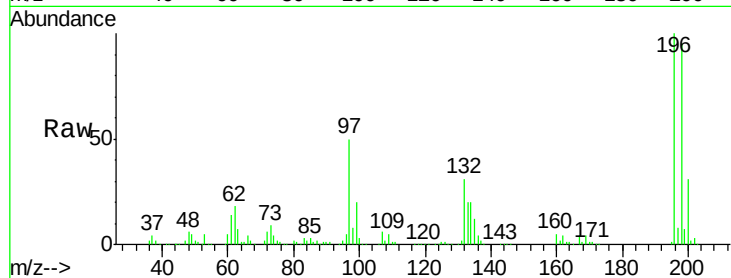




#43
 2,4,5-Trichlorophenol
 Concen: 41.077 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	217189
Ion Ratio	100	Lower	Upper
196	100	74.6	112.0
198	94.9	42.9	64.3
97	50.4	26.3	39.5
132	30.6		



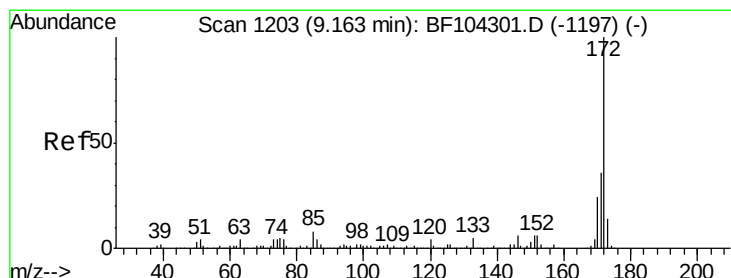
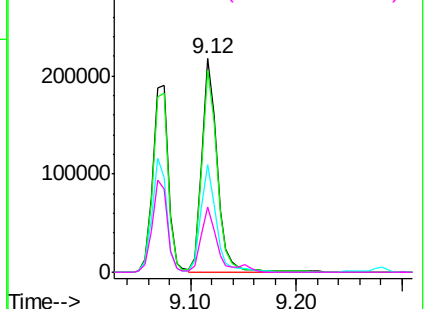
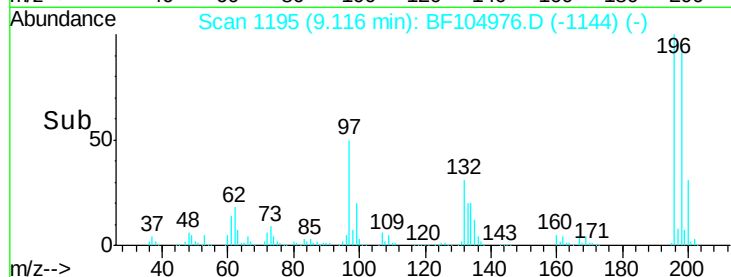
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

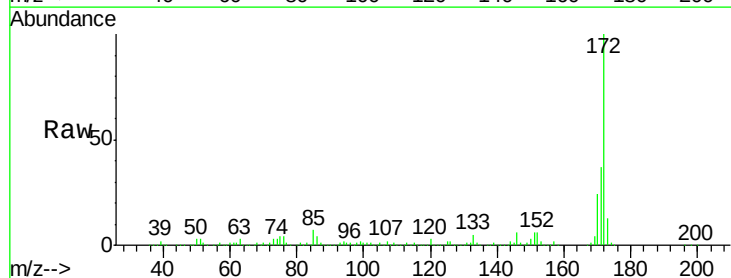
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.668 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

Tgt Ion	172	Resp	1199098
Ion Ratio	100	Lower	Upper
172	100	29.7	44.5
171	36.5	19.6	29.4
170	24.1		

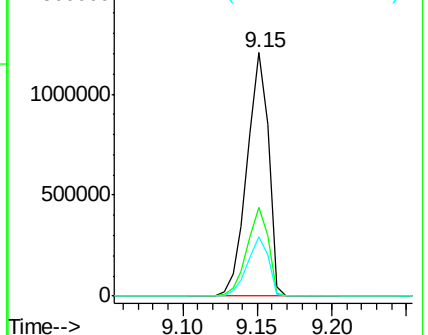
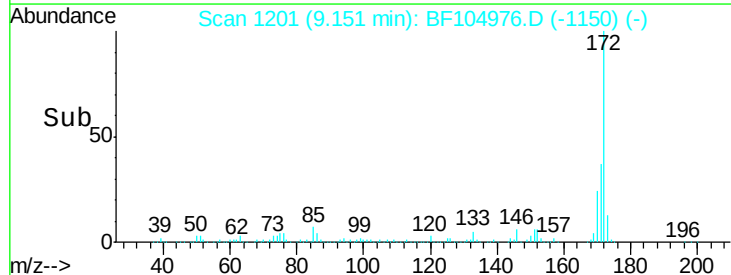


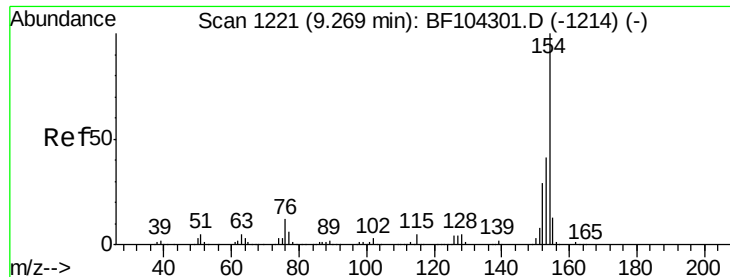
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.132 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampleId :

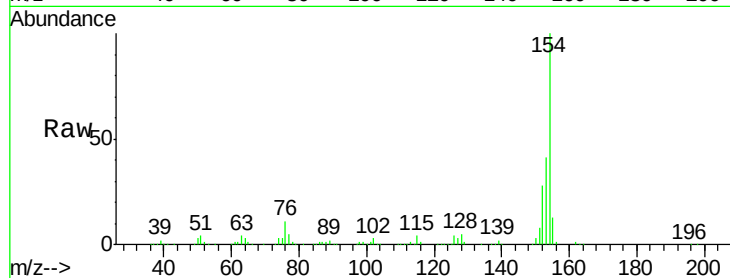
Tot Ion:154 Resp: 801612

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

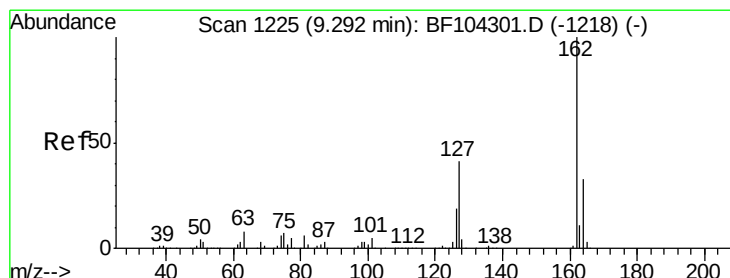
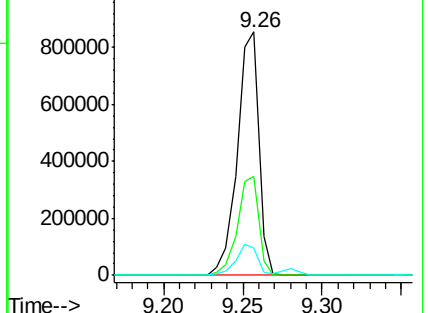
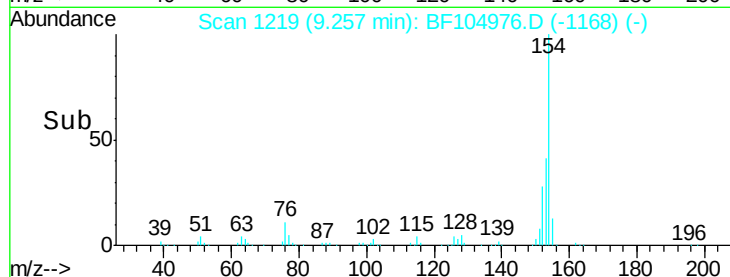
76 11.4 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 40.374 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

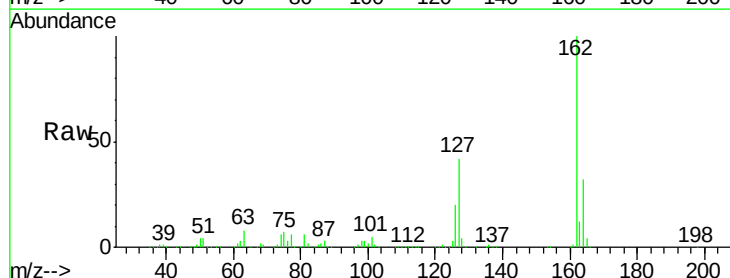
Tgt Ion:162 Resp: 636988

Ion Ratio Lower Upper

162 100

127 41.9 33.9 50.9

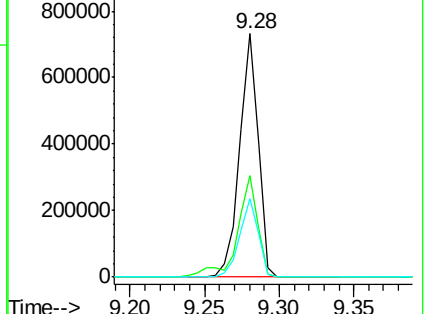
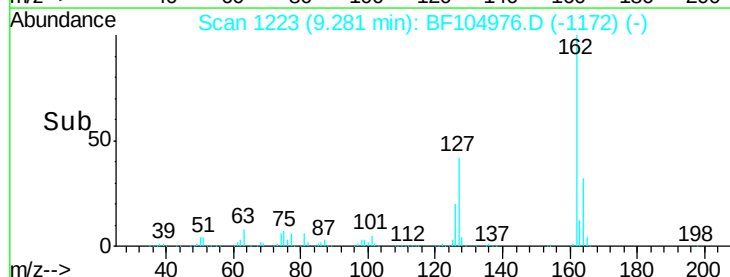
164 32.4 26.5 39.7

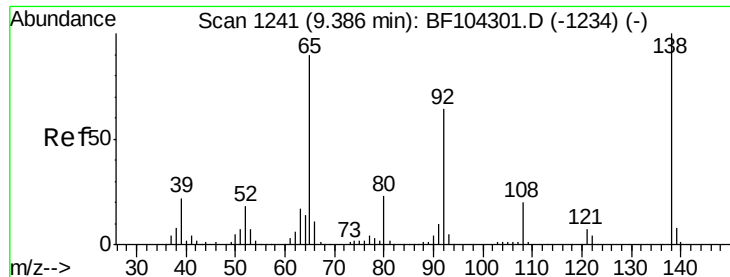


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

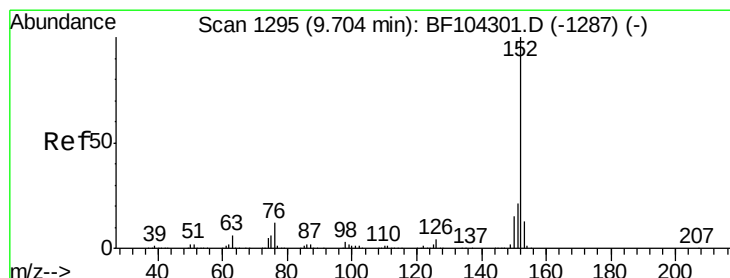
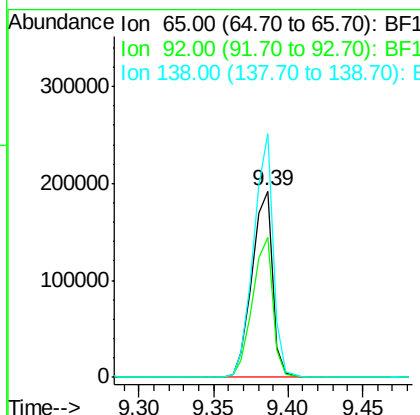
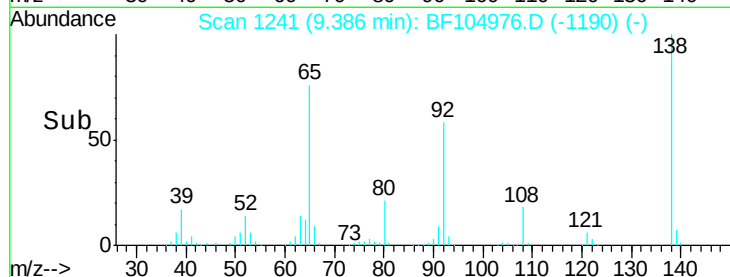
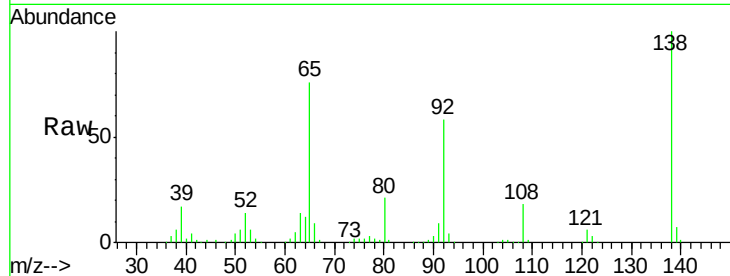




#47
 2-Nitroaniline
 Concen: 46.912 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

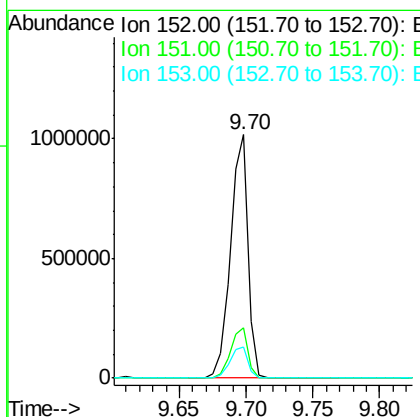
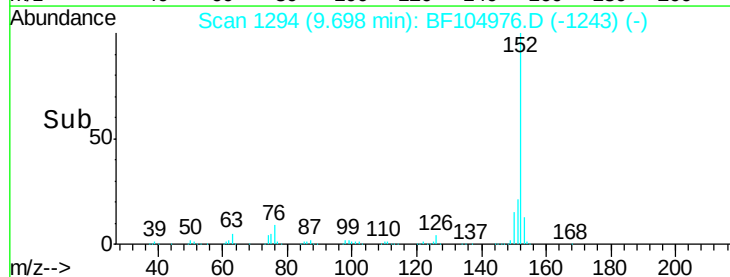
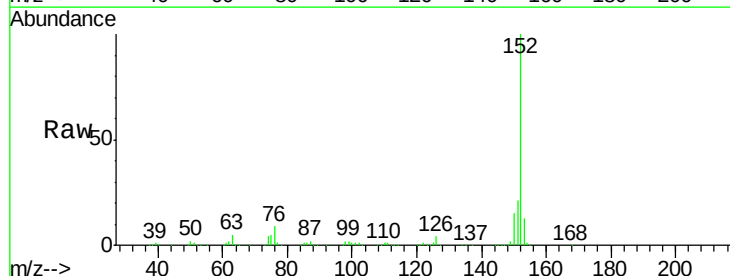
Instrument :
 BNA_F
 ClientSampleId :

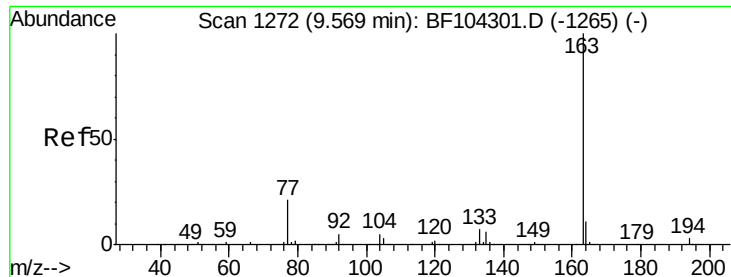
Tot Ion: 65 Resp: 183039
 Ion Ratio Lower Upper
 65 100
 92 75.5 55.8 83.6
 138 130.8 91.2 136.8



#48
 Acenaphthylene
 Concen: 38.069 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

Tgt Ion: 152 Resp: 942361
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.0 10.7 16.1

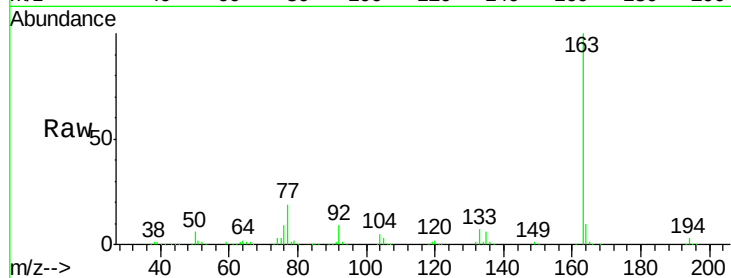




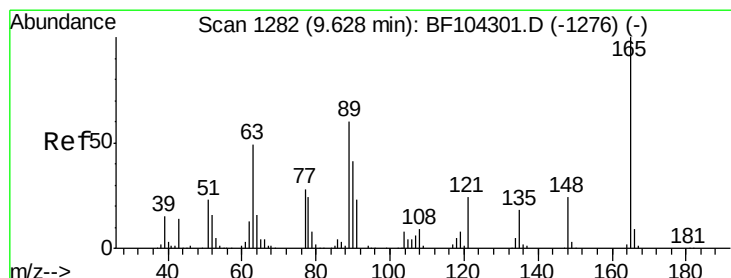
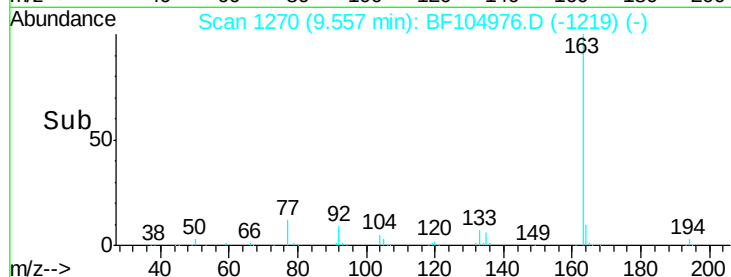
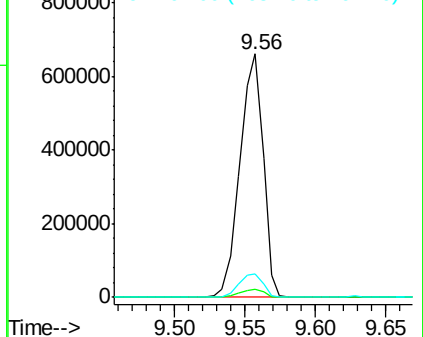
#49
Dimethylphthalate
Concen: 40.449 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 758426
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.8 8.2 12.2

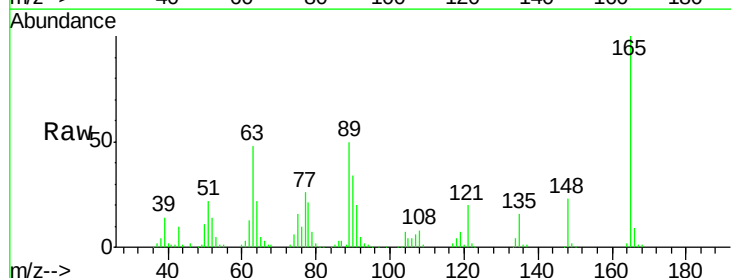


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

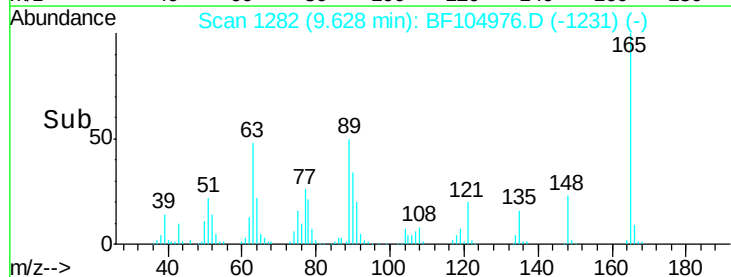
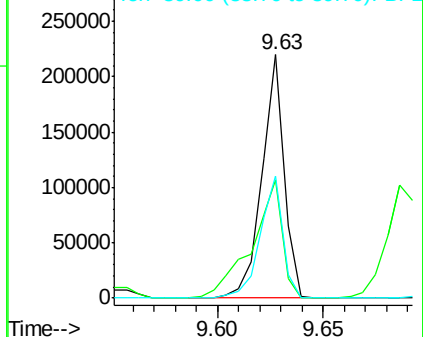


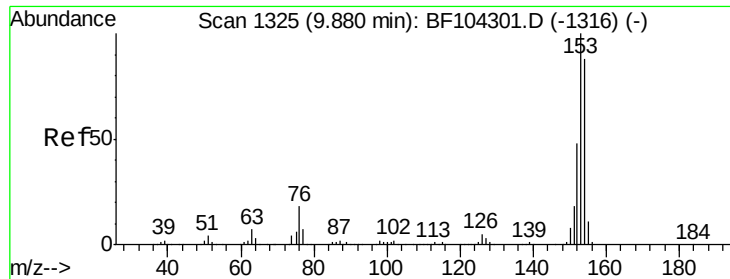
#50
2,6-Dinitrotoluene
Concen: 46.624 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Tgt Ion:165 Resp: 161761
Ion Ratio Lower Upper
165 100
63 48.3 44.7 67.1
89 50.4 44.0 66.0



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





#51

Acenaphthene

Concen: 37.207 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampled :

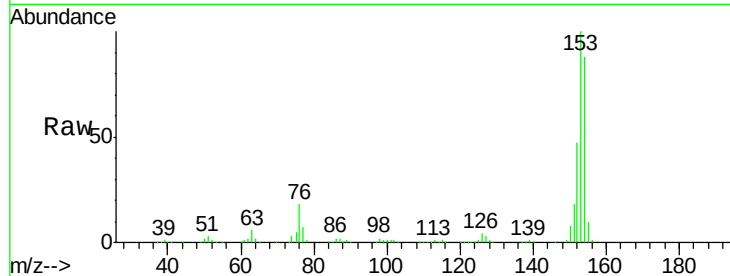
Tot Ion:154 Resp: 561947

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

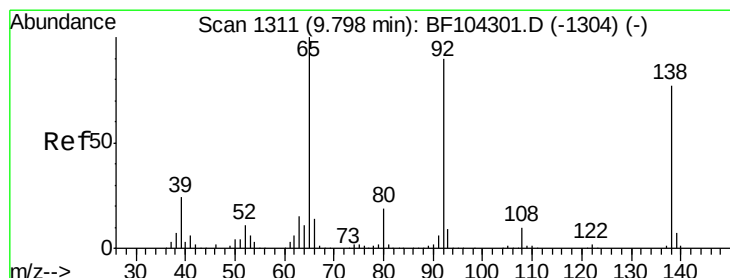
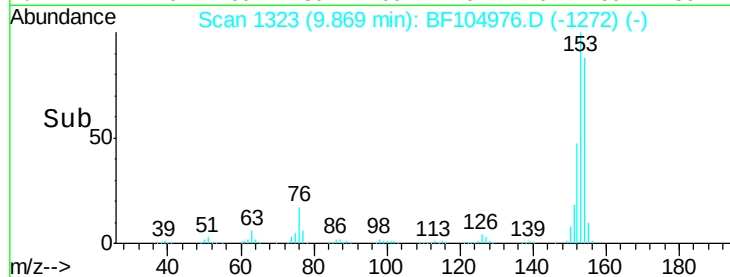
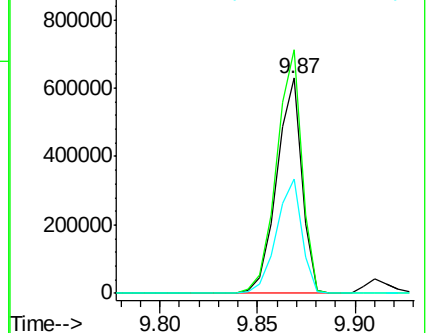
152 53.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.748 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

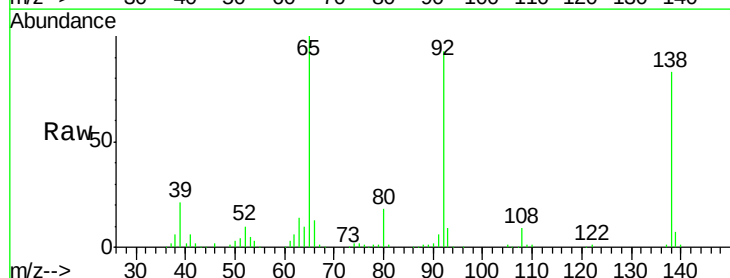
Tgt Ion:138 Resp: 185817

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

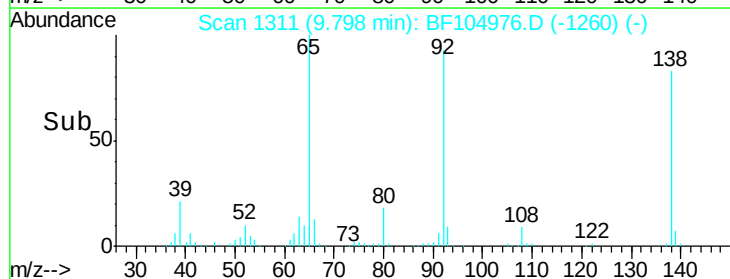
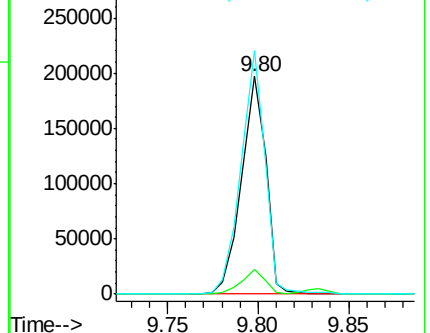
92 111.9 89.4 134.2

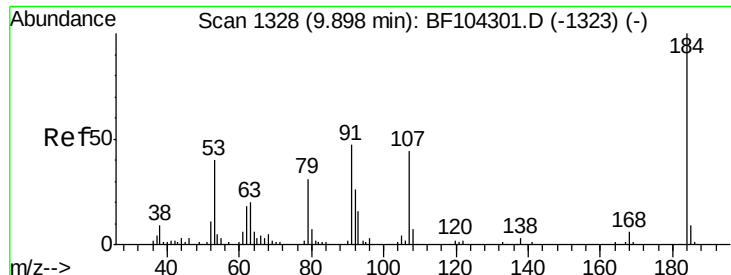


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

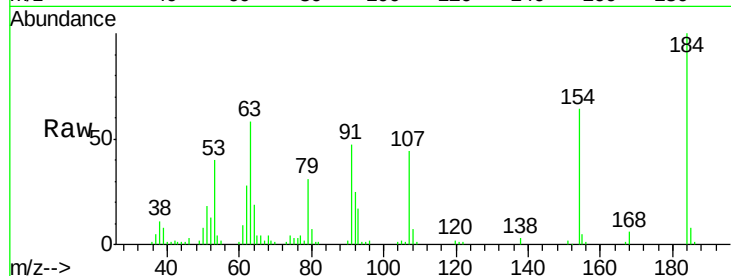




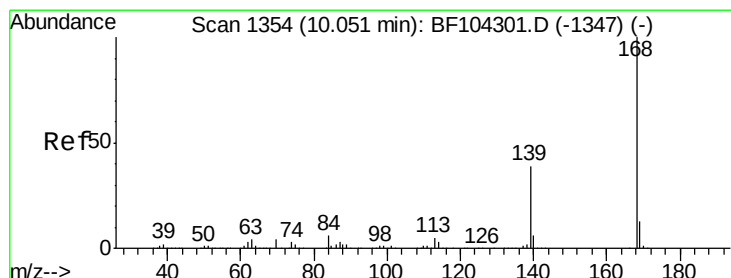
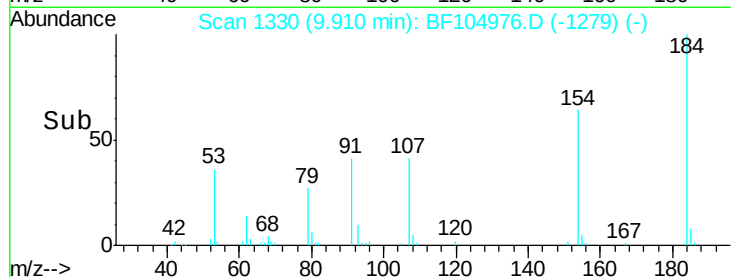
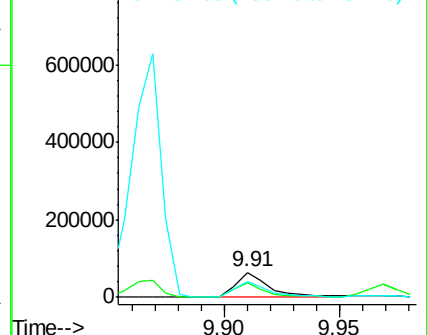
#53
 2,4-Dinitrophenol
 Concen: 53.535 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 64069
 Ion Ratio Lower Upper
 184 100
 63 58.0 54.2 81.2
 154 64.3 184.0 276.0#

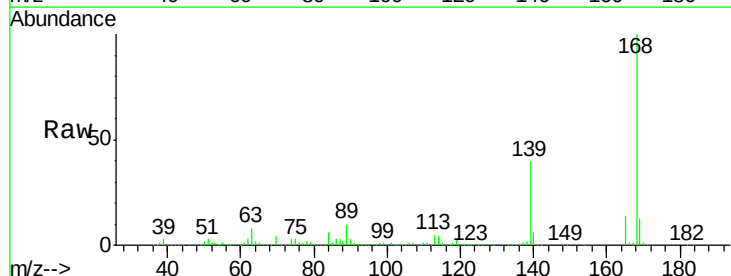


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

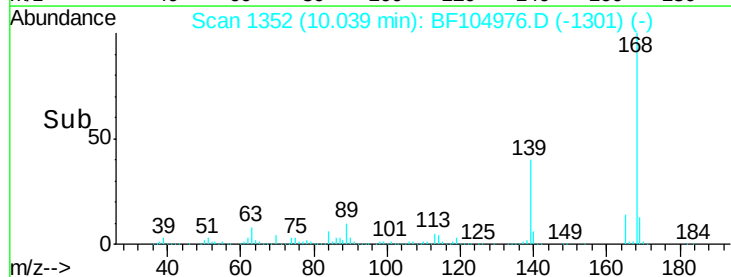
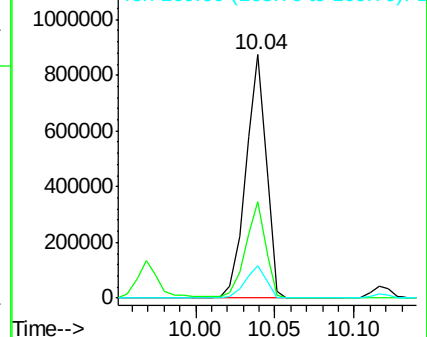


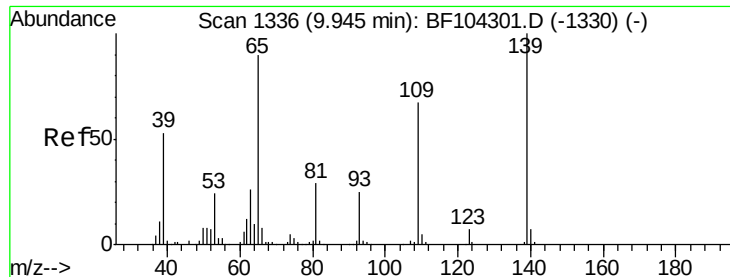
#54
 Dibenzofuran
 Concen: 36.697 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

Tgt Ion:168 Resp: 772389
 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

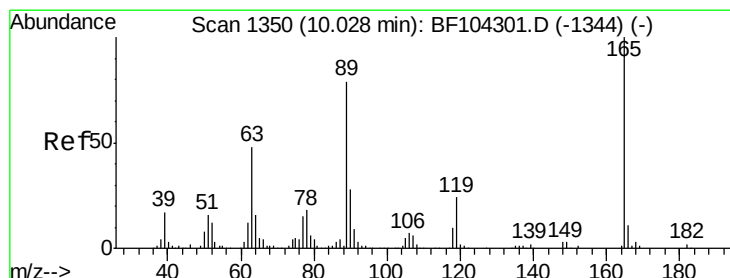
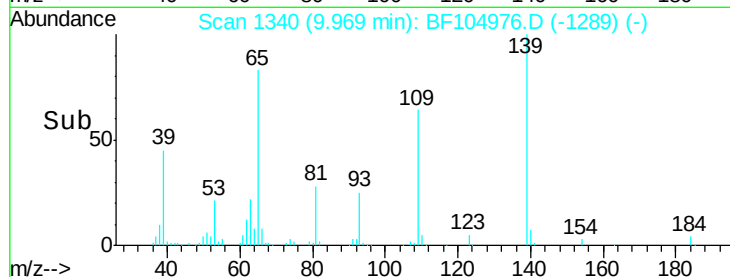
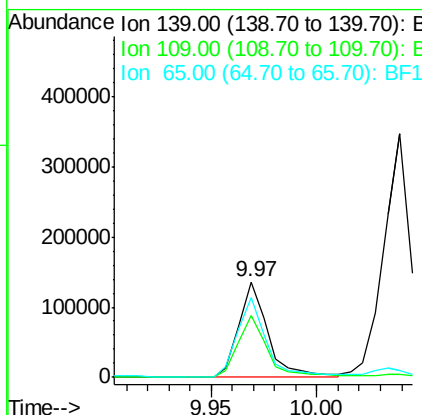
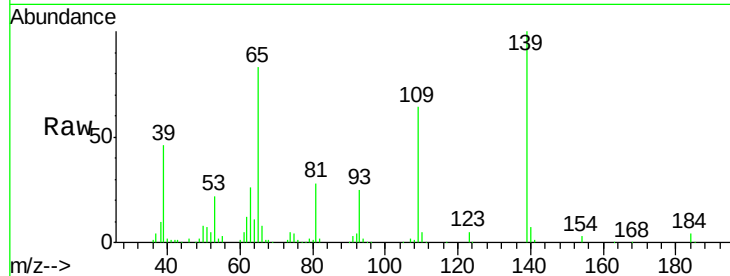




#55
4-Nitrophenol
Concen: 41.049 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

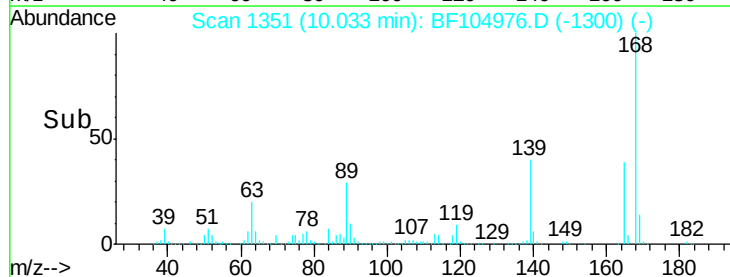
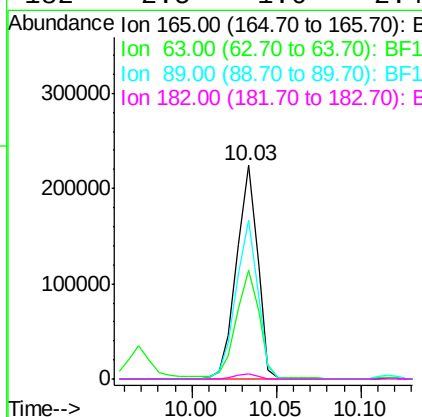
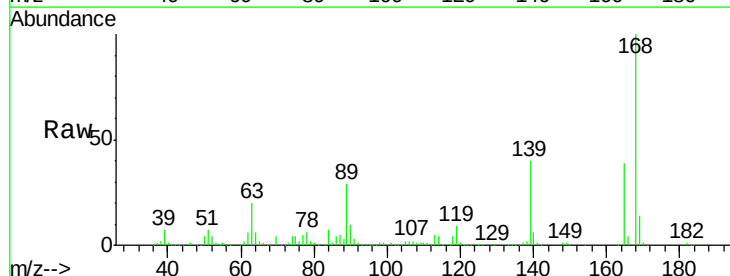
Instrument :
BNA_F
ClientSampled :

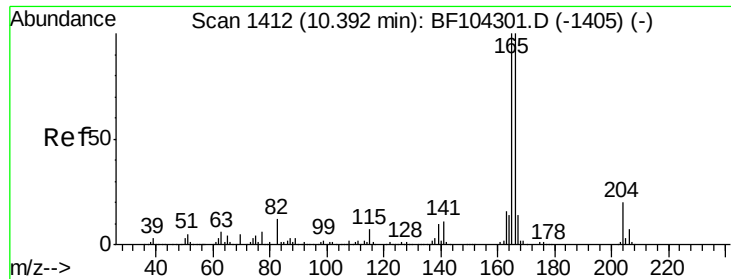
Tot Ion:139 Resp: 130972
Ion Ratio Lower Upper
139 100
109 64.4 48.4 88.4
65 83.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.974 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Tgt Ion:165 Resp: 195576
Ion Ratio Lower Upper
165 100
63 50.8 36.4 54.6
89 74.4 57.8 86.6
182 2.5 1.6 2.4#

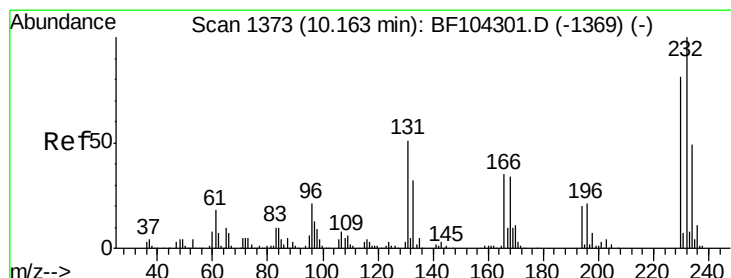
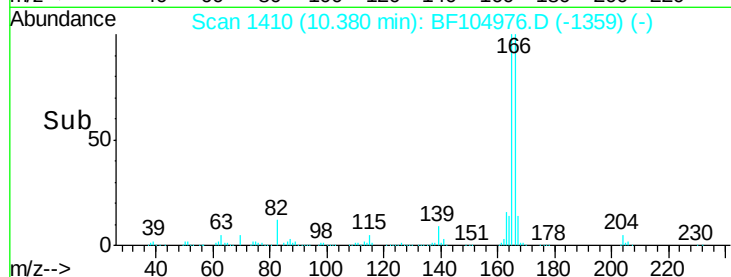
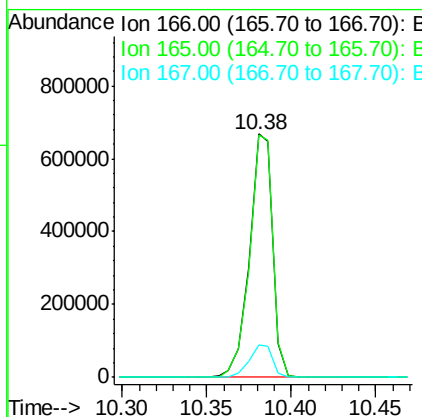
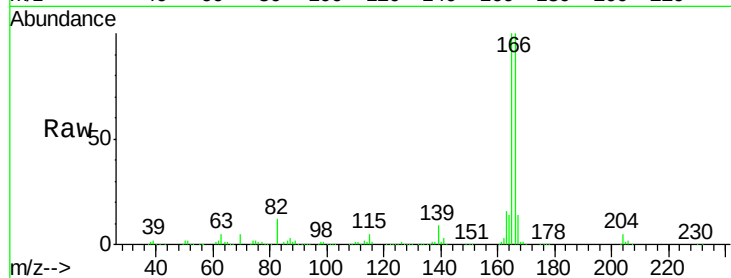




#57
 Fluorene
 Concen: 41.886 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

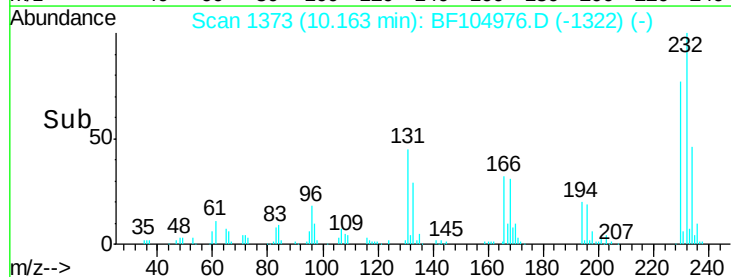
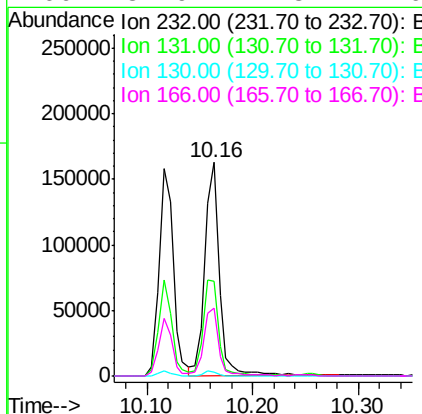
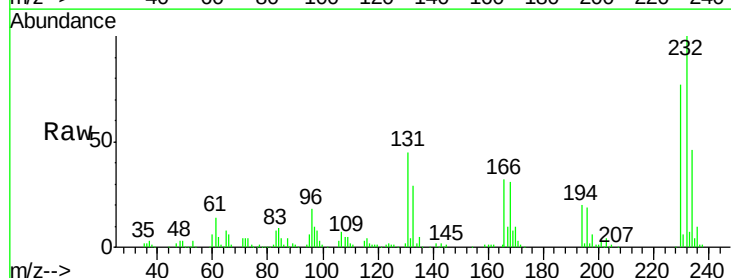
Instrument :
 BNA_F
 ClientSampleId :

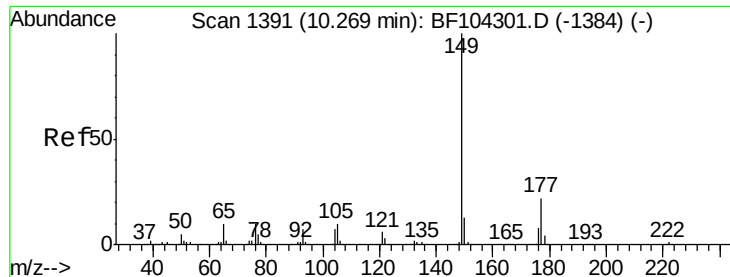
Tot Ion:166 Resp: 641708
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.363 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

Tgt Ion:232 Resp: 155271
 Ion Ratio Lower Upper
 232 100
 131 47.5 43.8 65.8
 130 2.2 2.1 3.1
 166 31.9 27.8 41.6





#59

Diethylphthalate

Concen: 37.877 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampled :

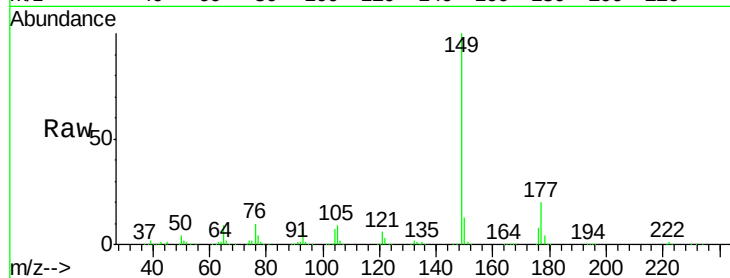
Tot Ion:149 Resp: 707310

Ion Ratio Lower Upper

149 100

177 20.3 16.1 24.1

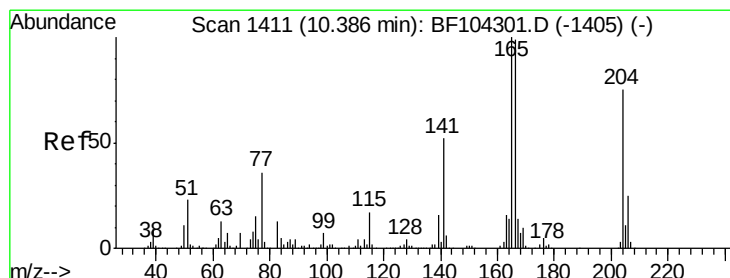
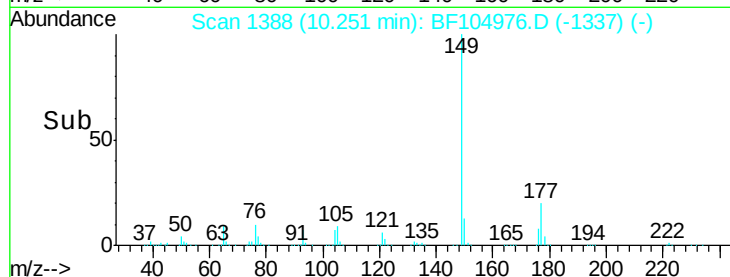
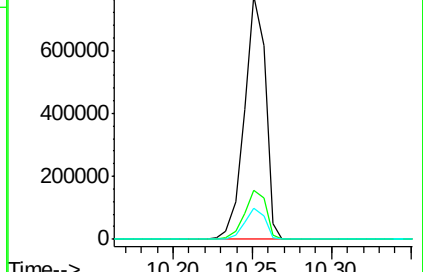
150 12.8 10.1 15.1



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: 42.989 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

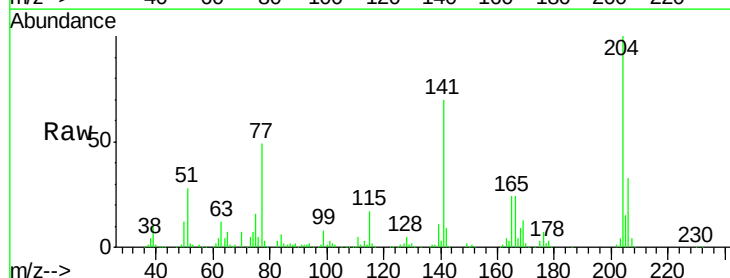
Tgt Ion:204 Resp: 293308

Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

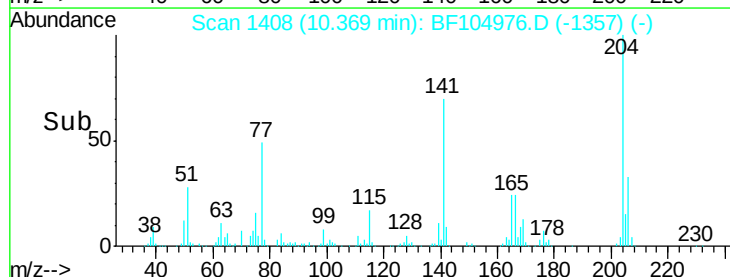
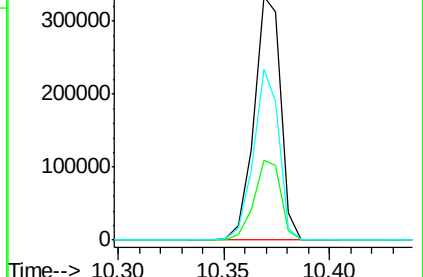
141 70.2 54.6 81.8

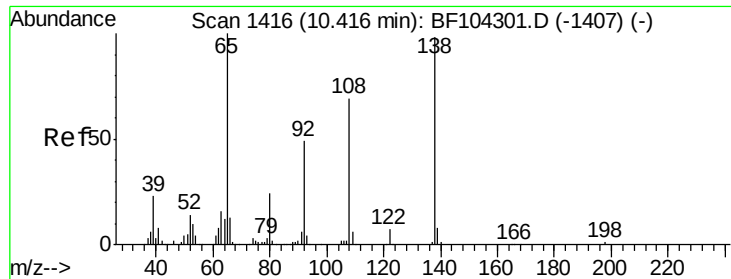


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

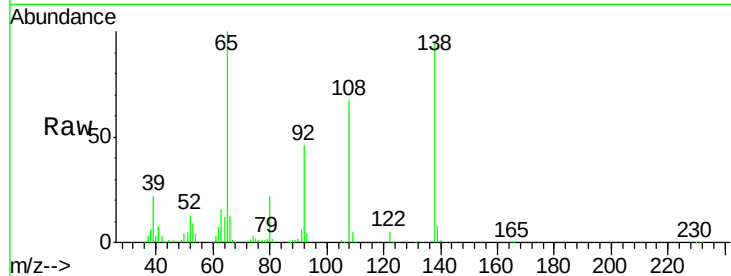




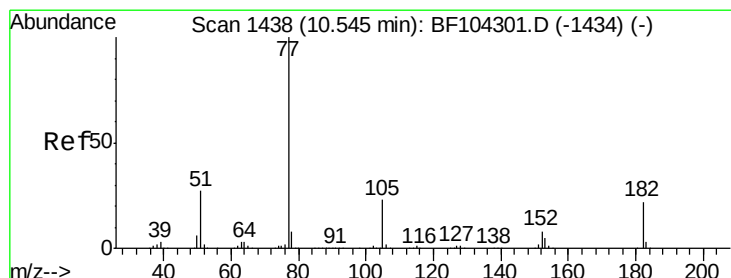
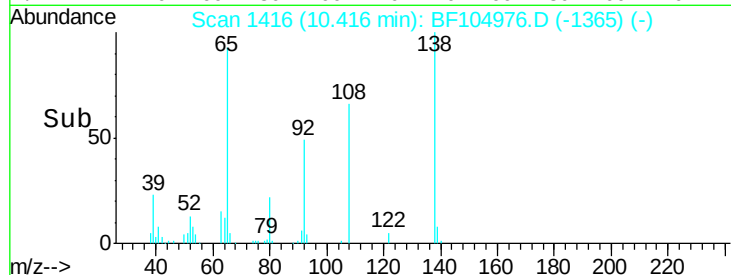
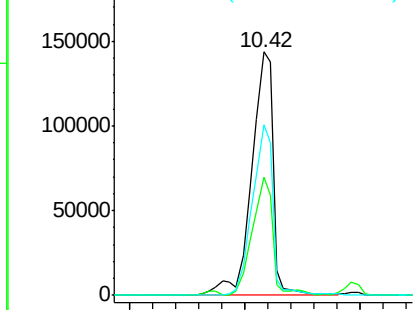
#61
4-Nitroaniline
Concen: 47.293 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 187823
Ion Ratio Lower Upper
138 100
92 48.5 30.2 70.2
108 70.0 52.5 92.5

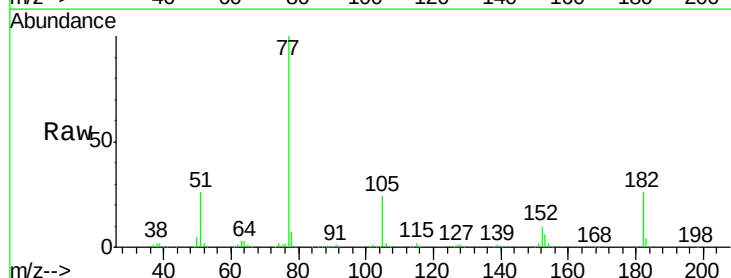


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

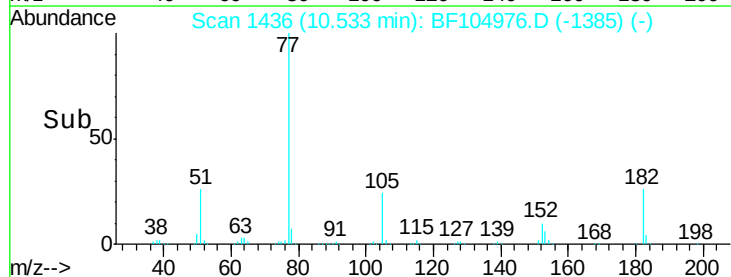
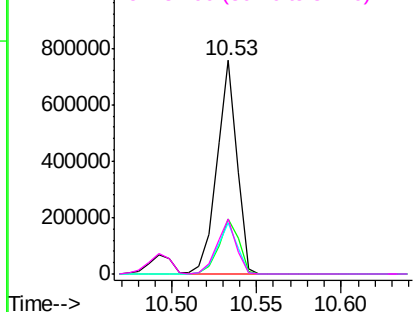


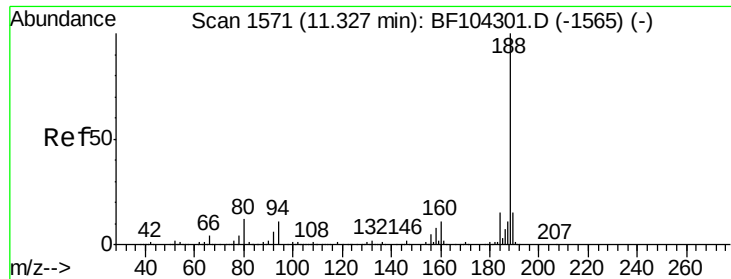
#62
Azobenzene
Concen: 35.127 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Tgt Ion: 77 Resp: 626697
Ion Ratio Lower Upper
77 100
182 25.8 1.7 41.7
105 24.0 3.0 43.0
51 26.1 9.9 49.9



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

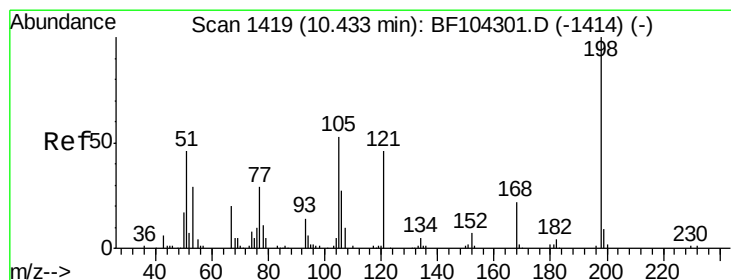
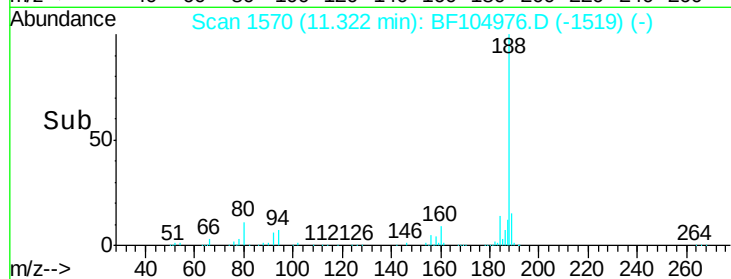
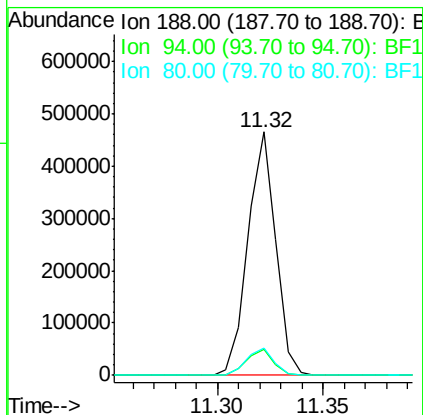
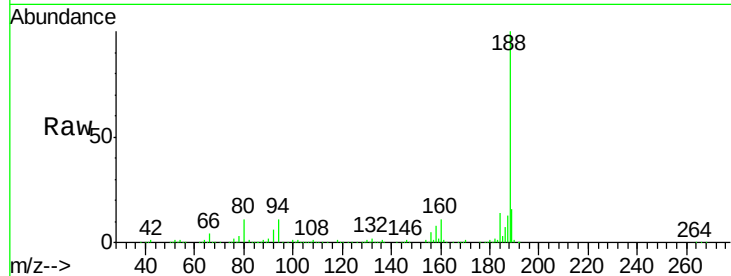




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

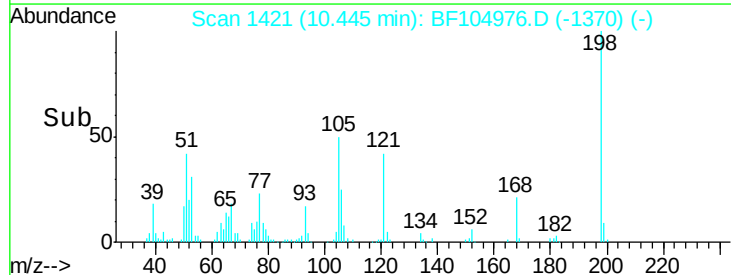
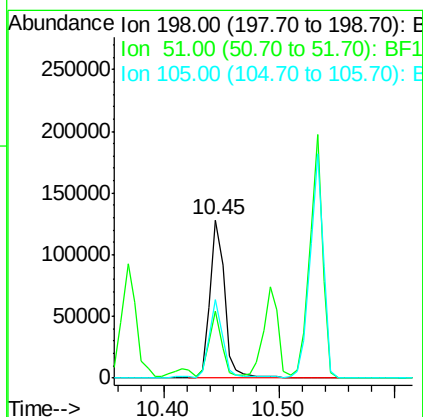
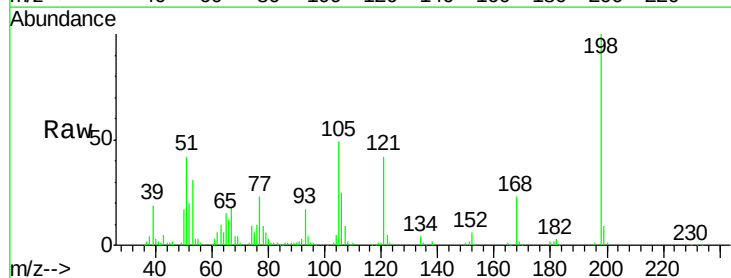
Instrument :
BNA_F
ClientSampleId :

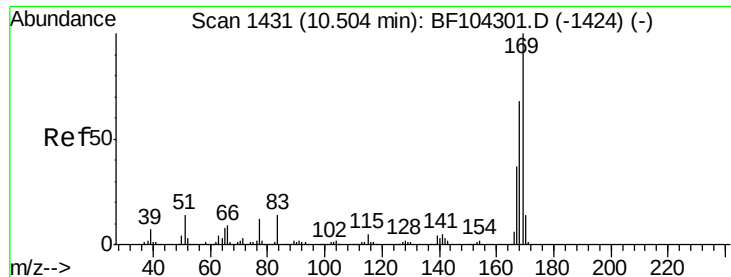
Tot Ion:188 Resp: 426243
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 54.064 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Tgt Ion:198 Resp: 114507
Ion Ratio Lower Upper
198 100
51 41.9 37.7 77.7
105 49.4 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 39.204 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampleId :

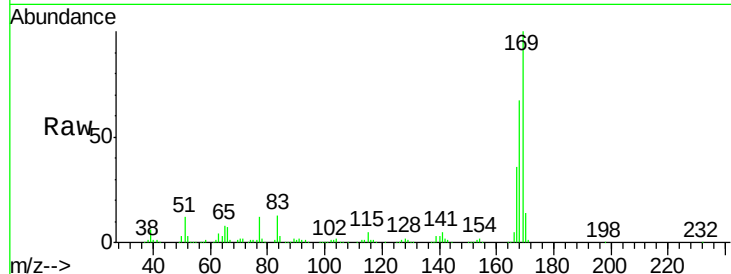
Tot Ion:169 Resp: 579391

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

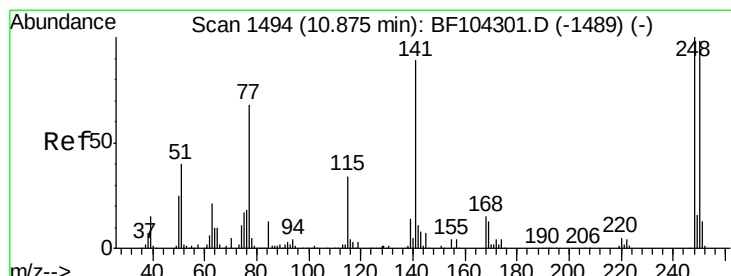
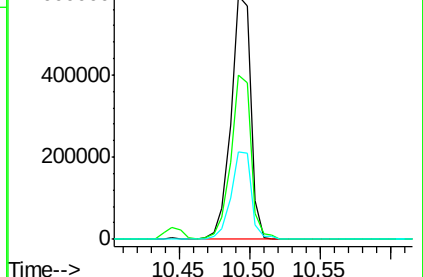
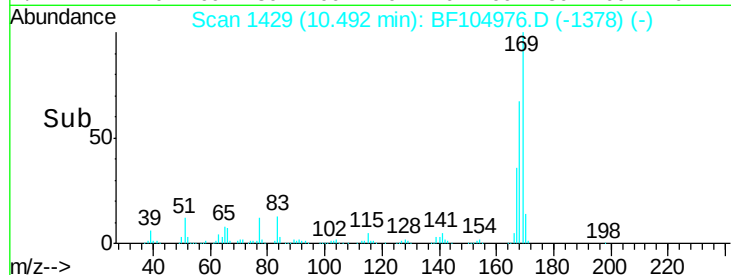
167 36.2 29.8 44.6



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: 40.788 ng

RT: 10.86 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

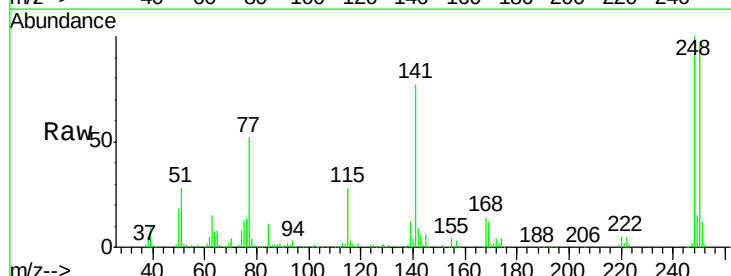
Tgt Ion:248 Resp: 184926

Ion Ratio Lower Upper

248 100

250 96.3 76.9 115.3

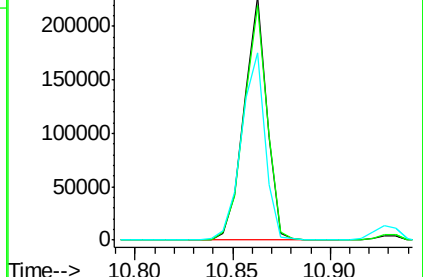
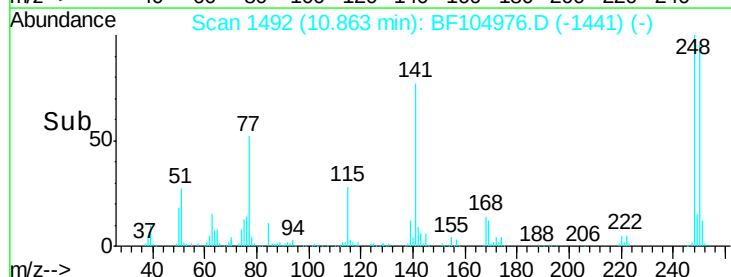
141 77.1 74.4 111.6

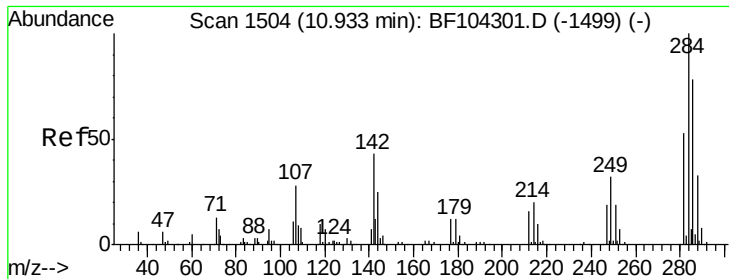


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.212 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampleId :

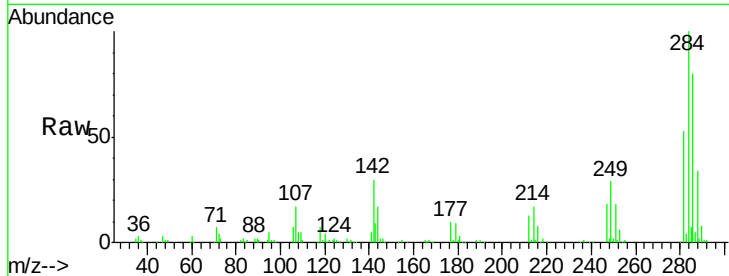
Tot Ion:284 Resp: 210245

Ion Ratio Lower Upper

284 100

142 29.7 34.6 52.0#

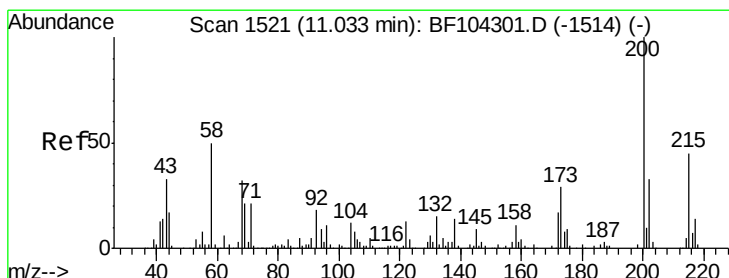
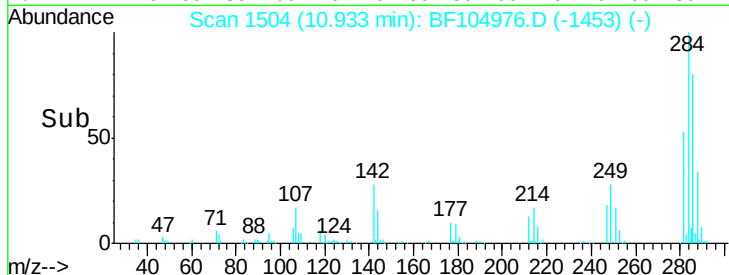
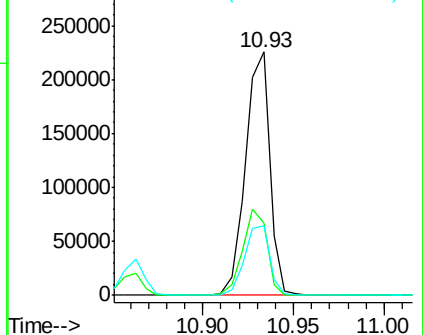
249 28.5 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.790 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

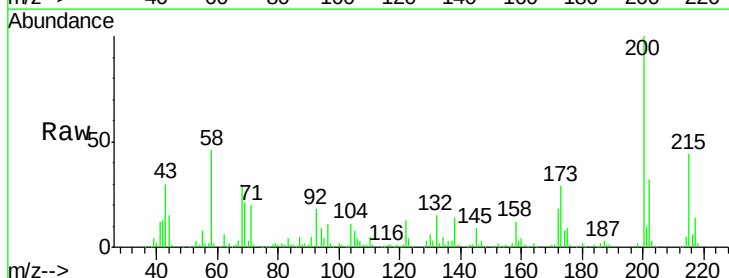
Tgt Ion:200 Resp: 168581

Ion Ratio Lower Upper

200 100

173 29.3 8.6 48.6

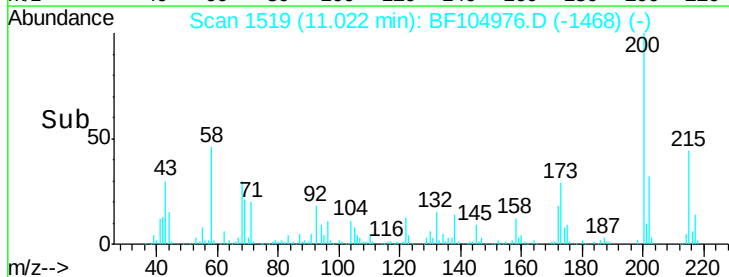
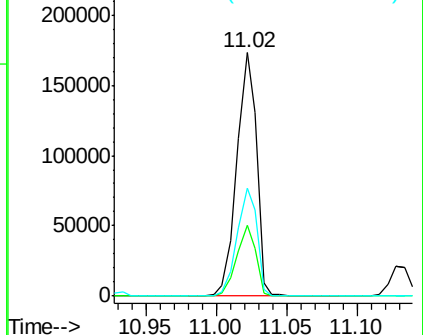
215 44.1 25.1 65.1

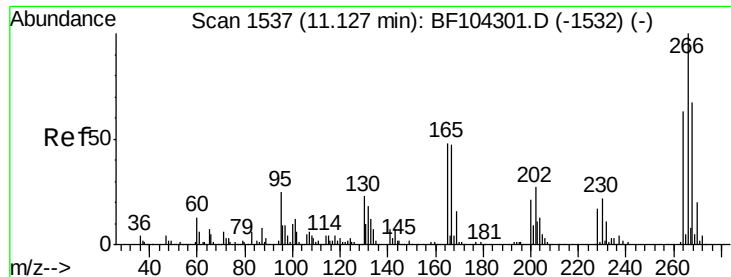


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 39.969 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampled :

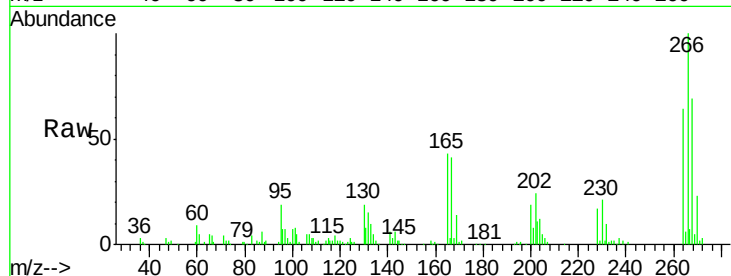
Tot Ion:266 Resp: 126144

Ion Ratio Lower Upper

266 100

268 68.7 51.1 76.7

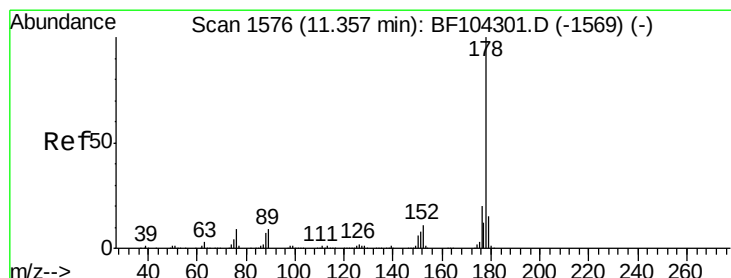
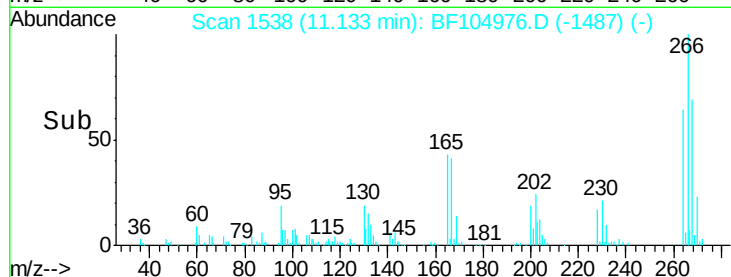
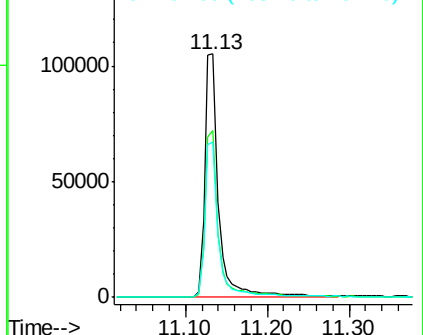
264 64.0 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 37.993 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

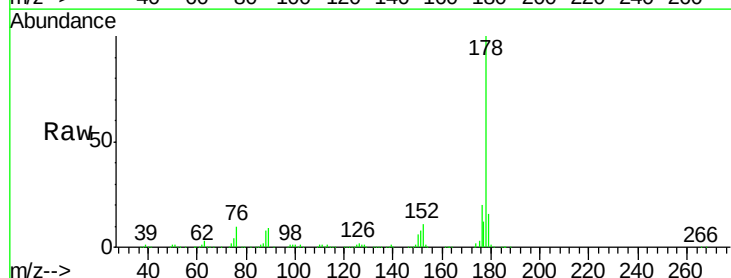
Tgt Ion:178 Resp: 901835

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

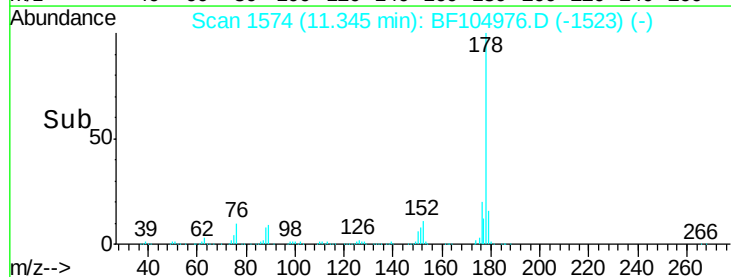
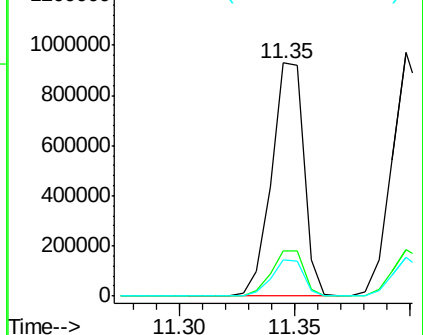
179 15.8 13.0 19.6

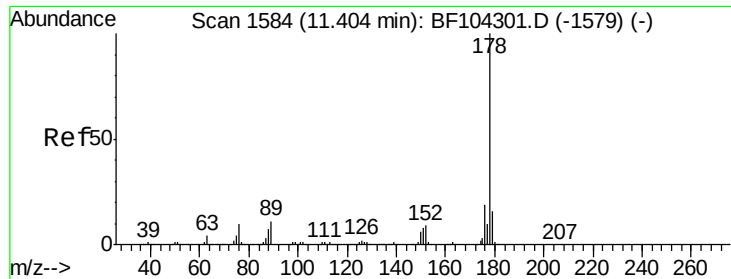


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

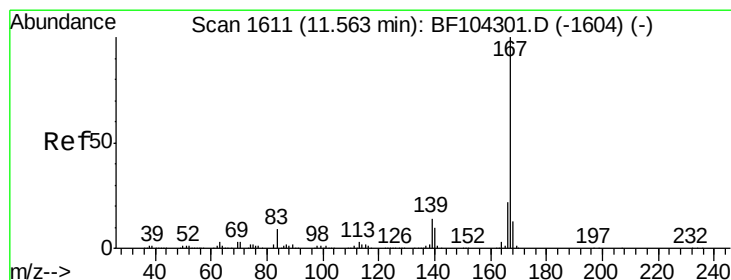
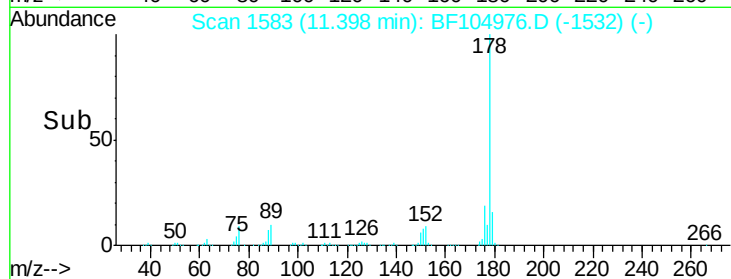
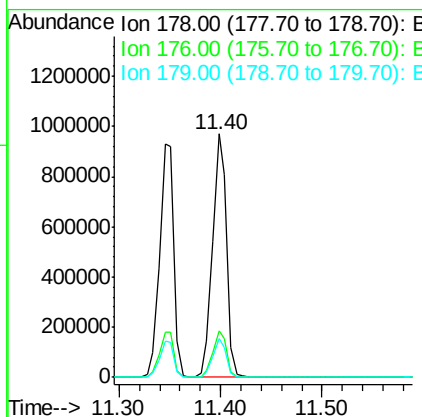
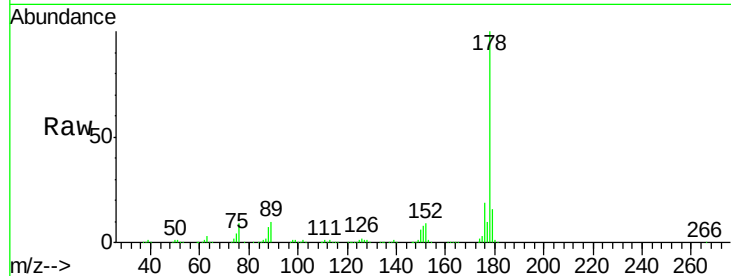




#71
 Anthracene
 Concen: 38.553 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

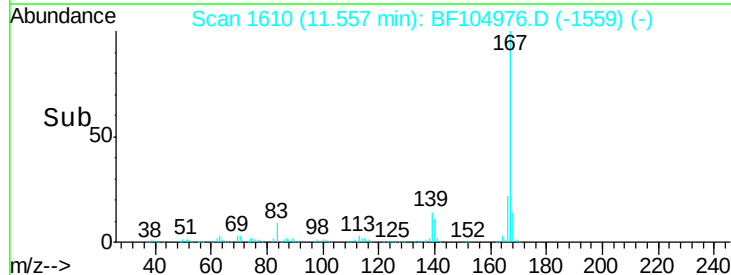
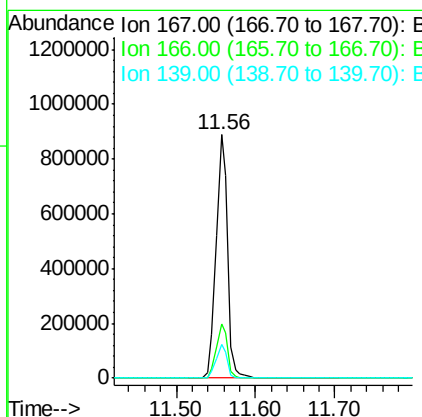
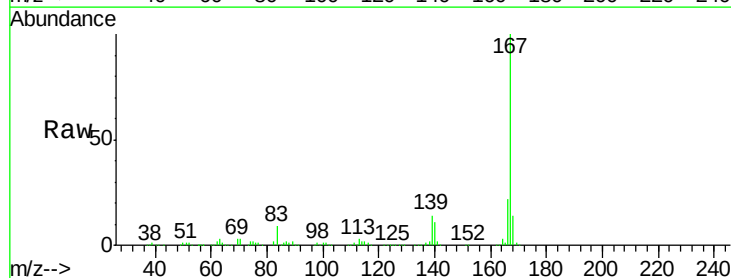
Instrument :
 BNA_F
 ClientSampleId :

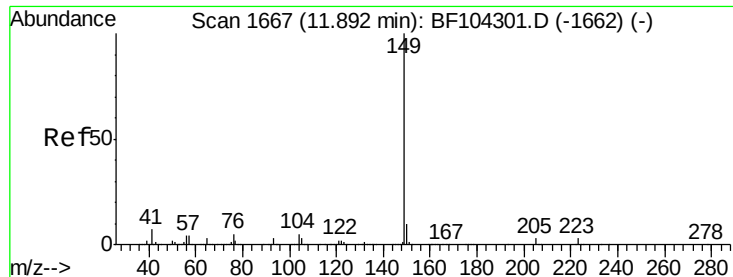
Tot Ion:178 Resp: 930245
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 37.736 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

Tgt Ion:167 Resp: 889748
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.268 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampleId :

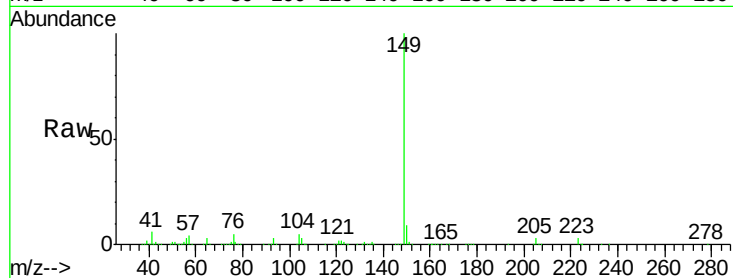
Tot Ion:149 Resp: 1073406

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

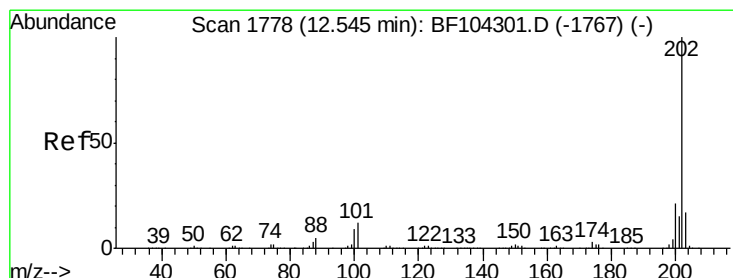
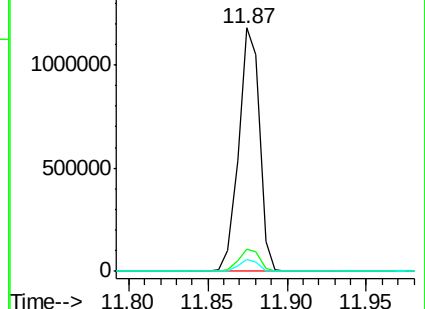
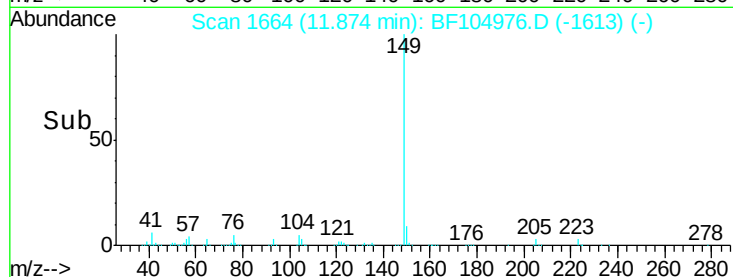
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.961 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

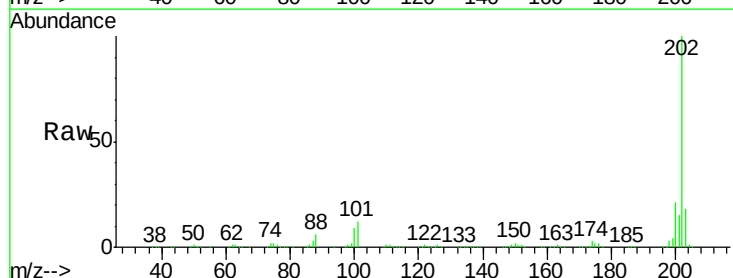
Tgt Ion:202 Resp: 916668

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

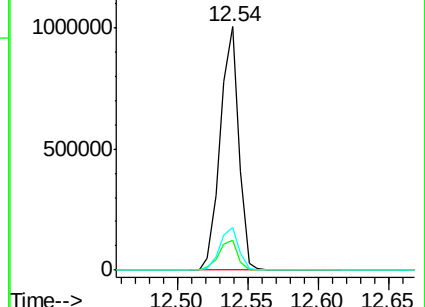
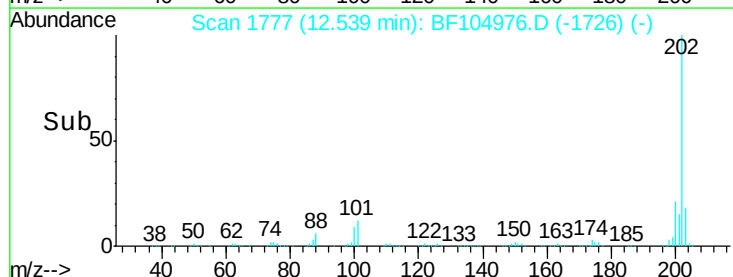
203 17.7 0.0 38.1

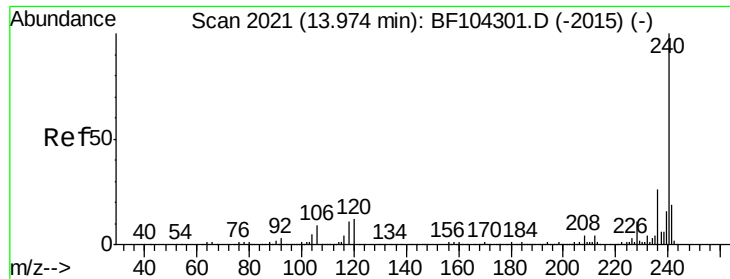


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampleId :

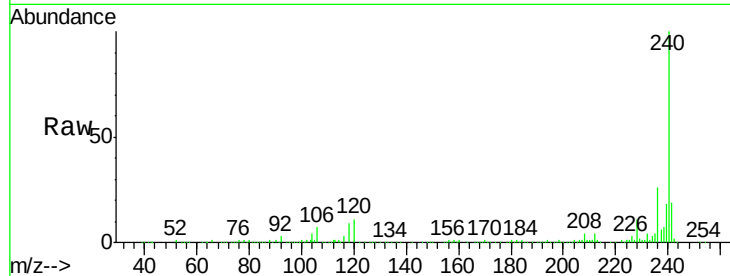
Tot Ion:240 Resp: 306476

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

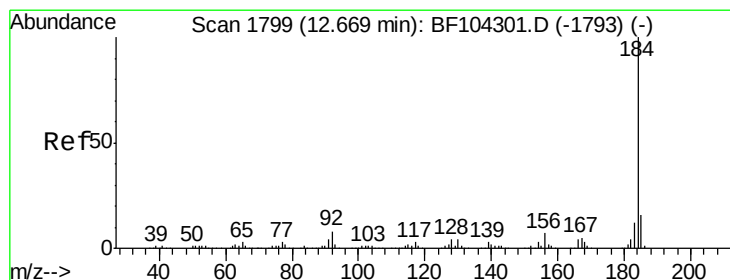
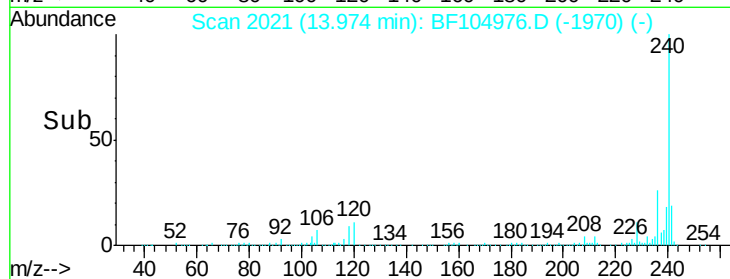
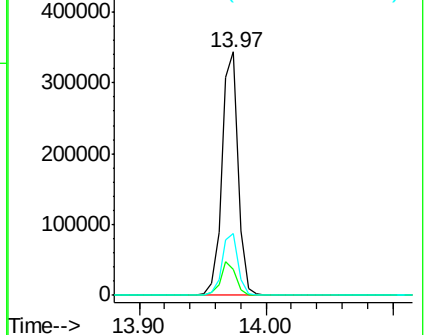
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.995 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

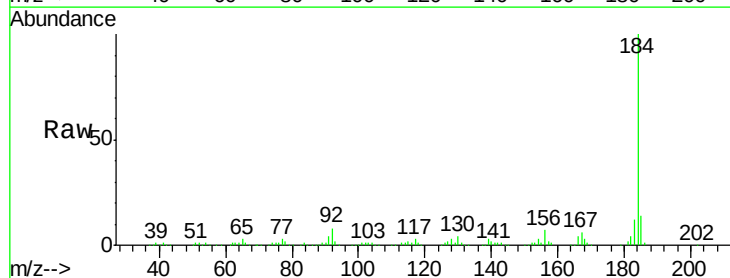
Tgt Ion:184 Resp: 377059

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

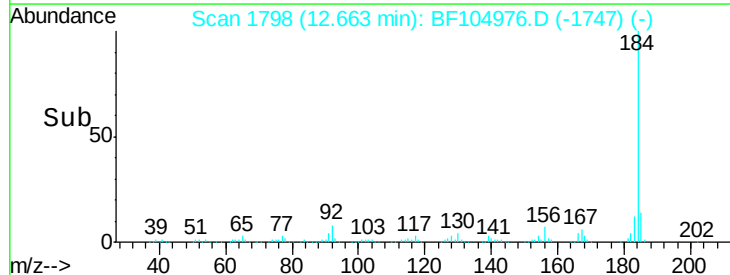
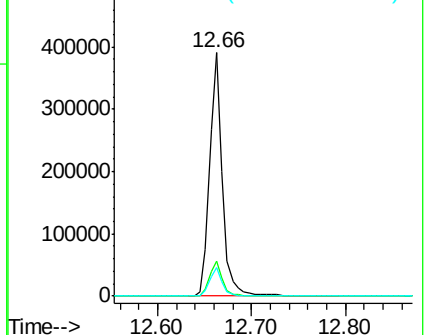
183 11.9 9.3 13.9

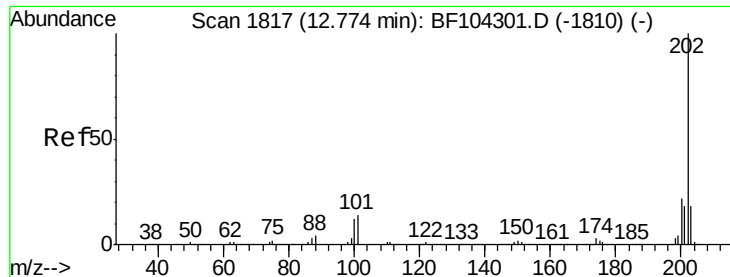


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.521 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampleId :

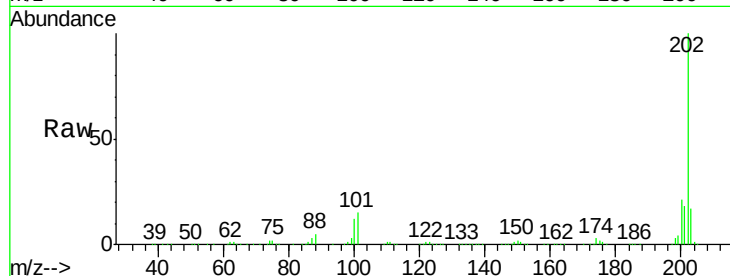
Tot Ion:202 Resp: 943234

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

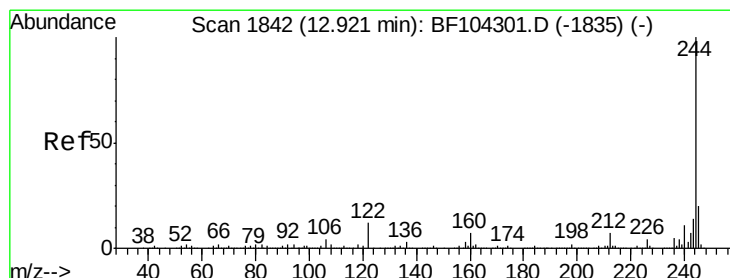
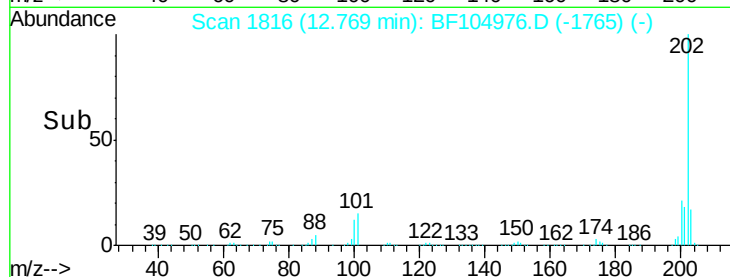
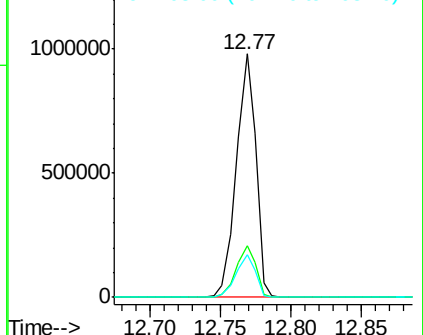
203 17.4 14.3 21.5



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: 82.657 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

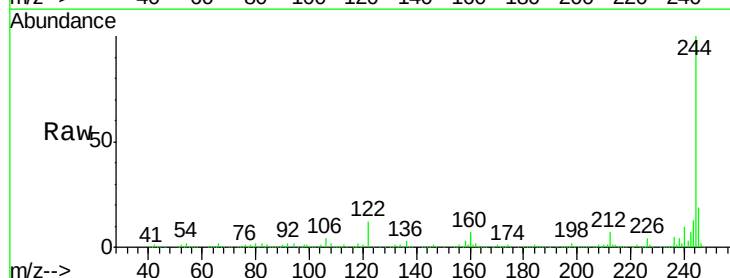
Tgt Ion:244 Resp: 1111154

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

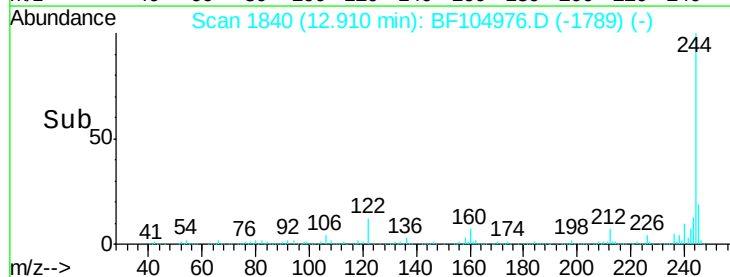
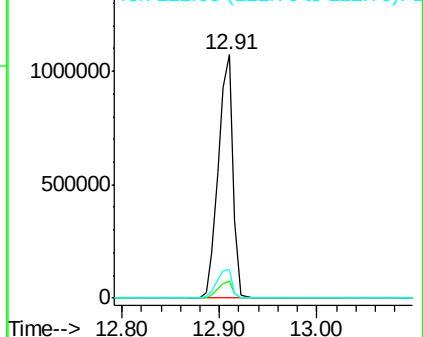
122 11.7 11.0 16.4

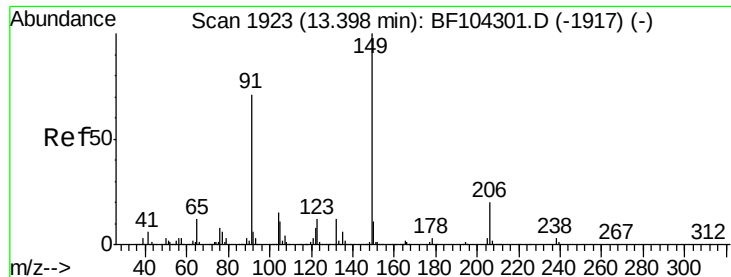


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

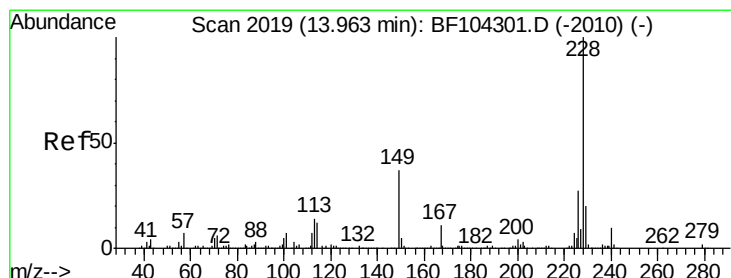
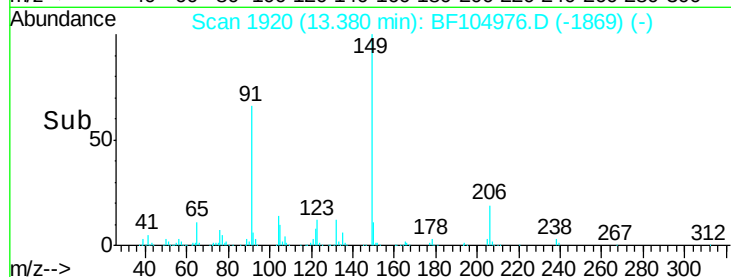
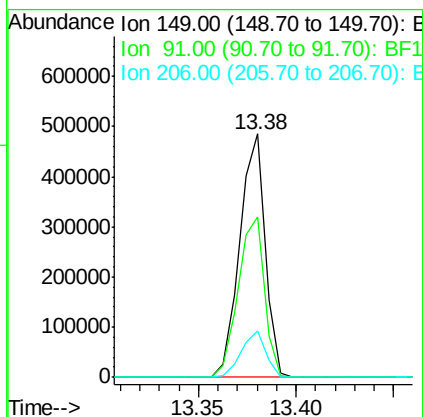
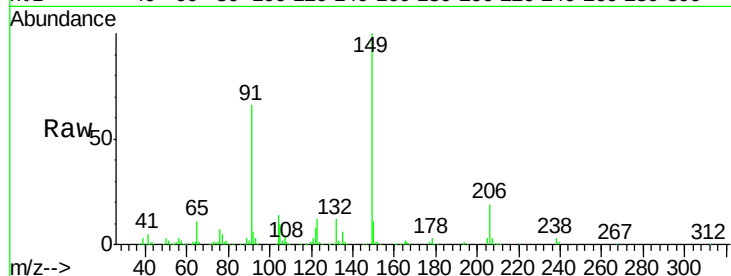




#79
Butylbenzylphthalate
Concen: 41.054 ng
RT: 13.38 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

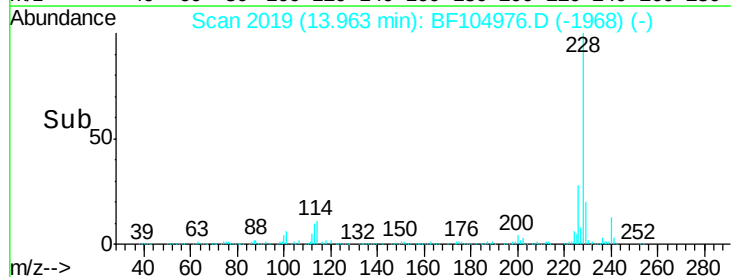
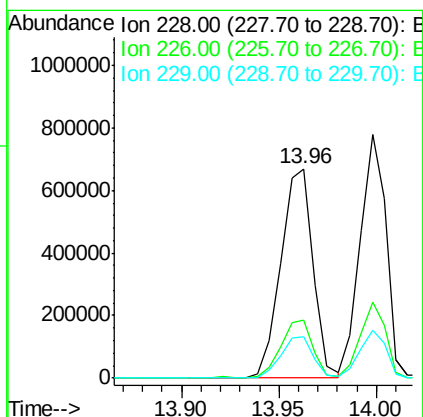
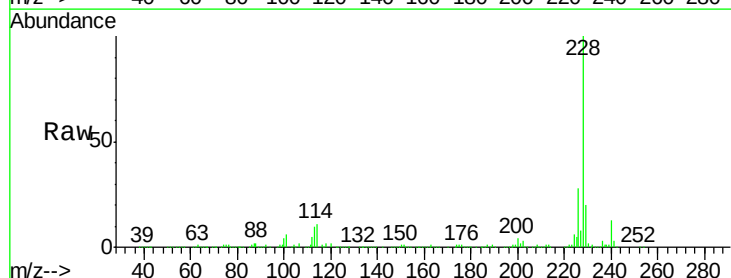
Instrument :
BNA_F
ClientSampleId :

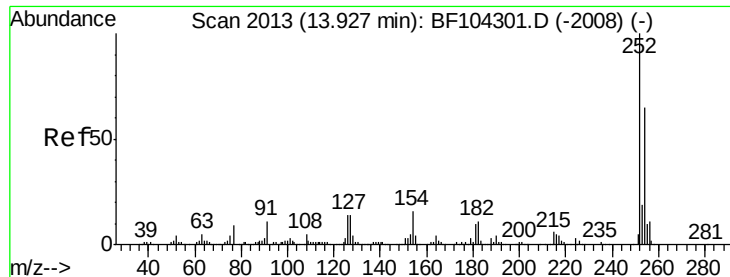
Tot Ion:149 Resp: 439379
Ion Ratio Lower Upper
149 100
91 65.9 56.8 85.2
206 19.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.742 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF104976.D
Acq: 1 May 2018 11:50

Tgt Ion:228 Resp: 764270
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.9 15.8 23.6

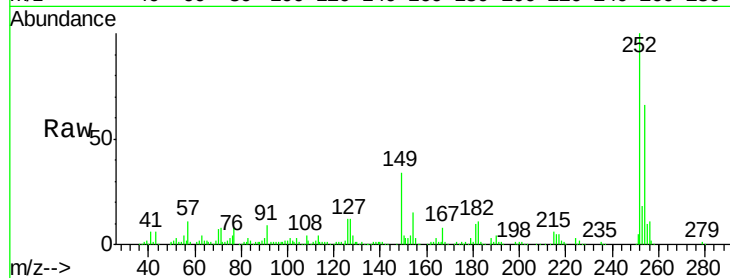




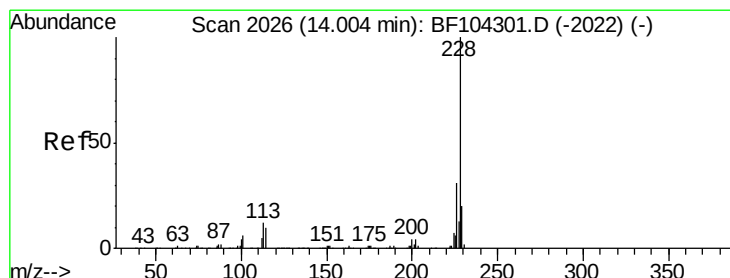
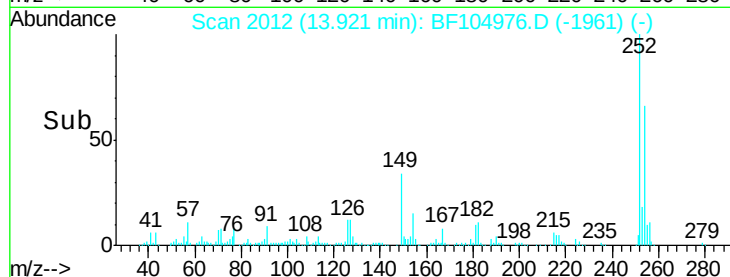
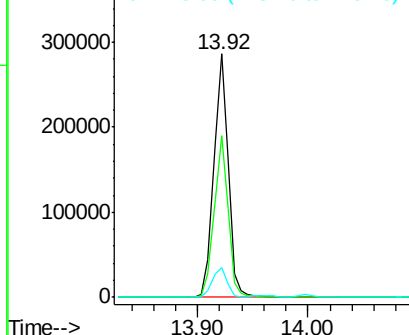
#81
 3,3'-Dichlorobenzidine
 Concen: 37.538 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.3	50.4	75.6
126	12.4	11.3	16.9

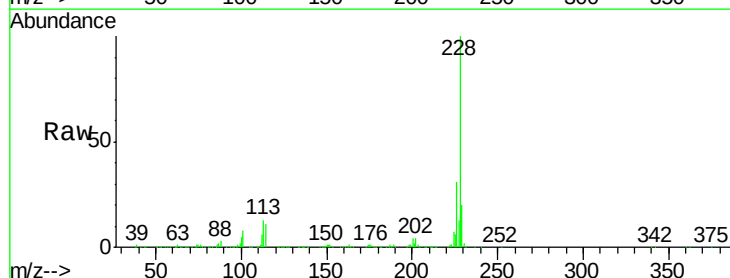


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

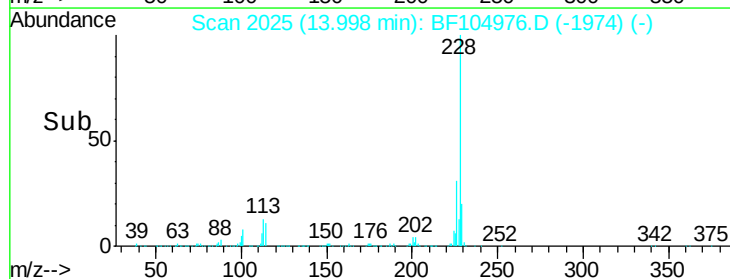
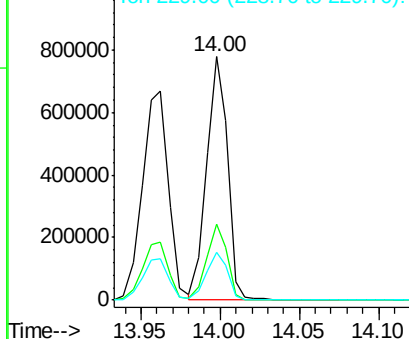


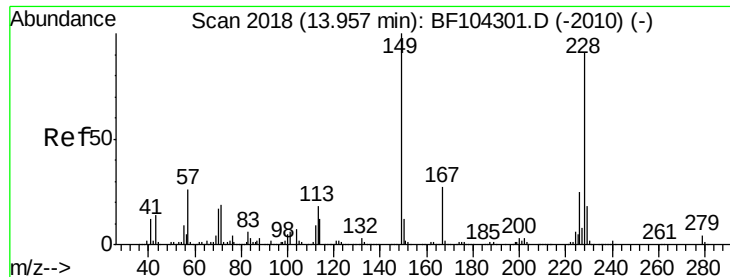
#82
 Chrysene
 Concen: 38.418 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	19.6	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: 41.436 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampleId :

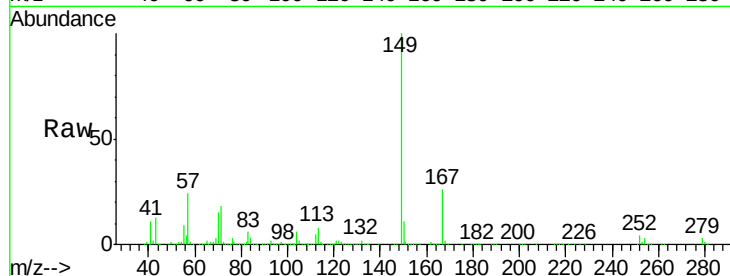
Tot Ion:149 Resp: 570399

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

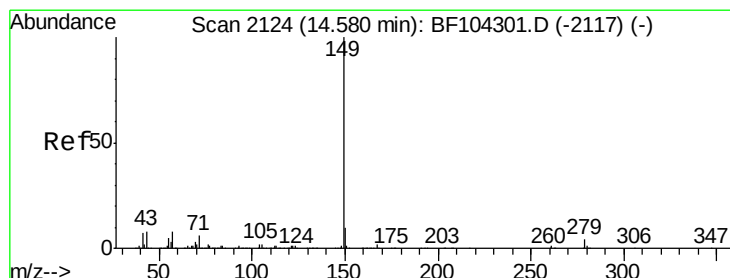
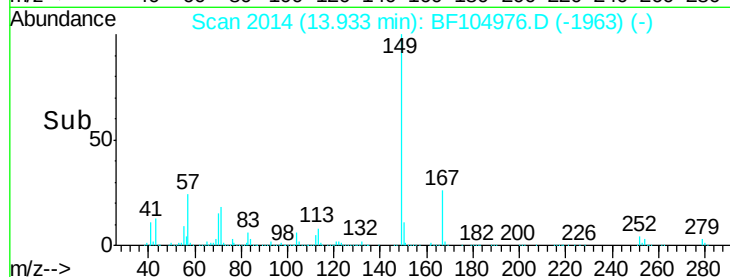
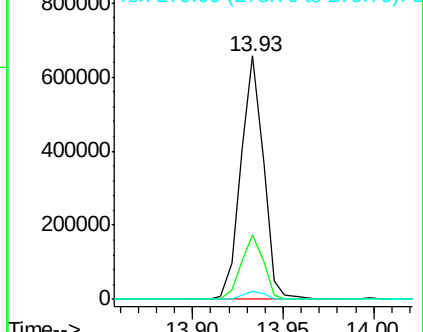
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.886 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

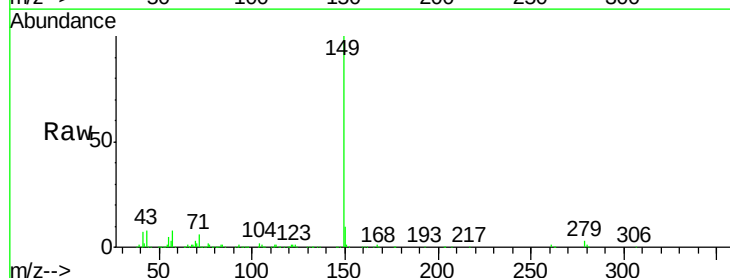
Tgt Ion:149 Resp: 848436

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

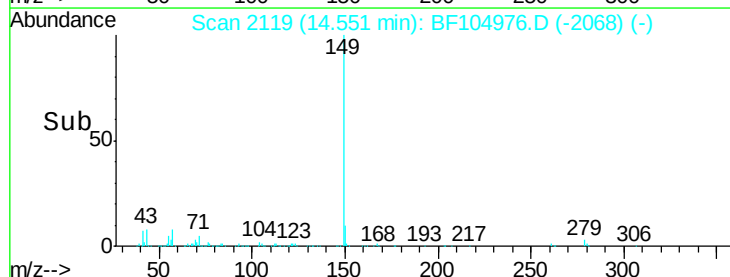
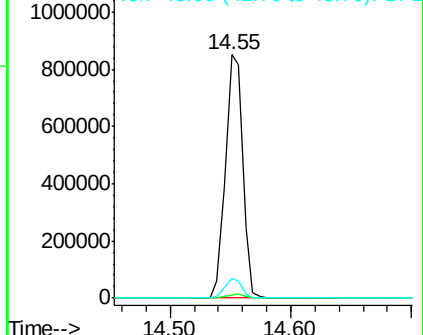
43 7.7 8.4 12.6#

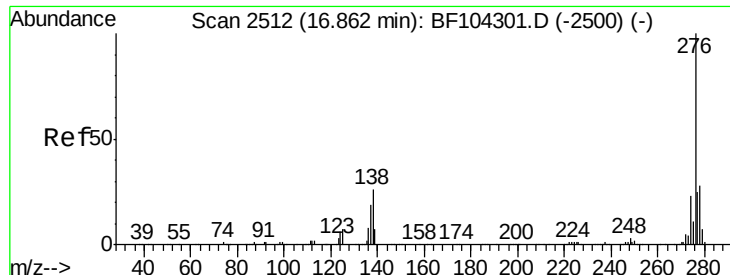


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

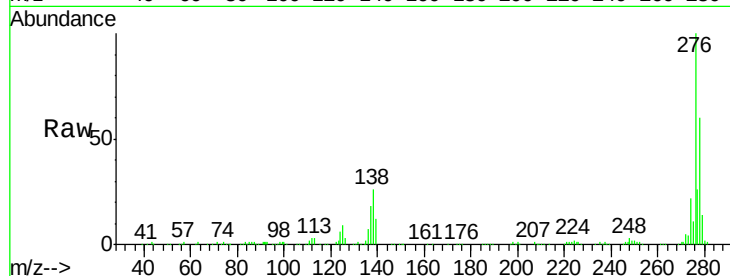




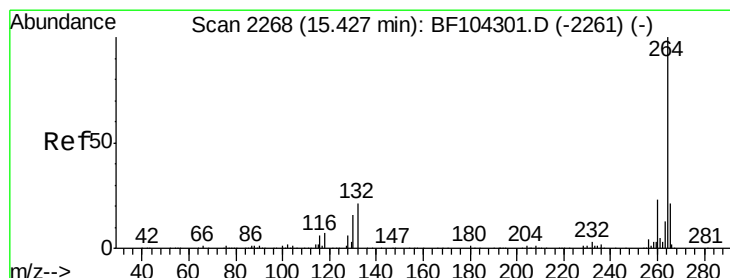
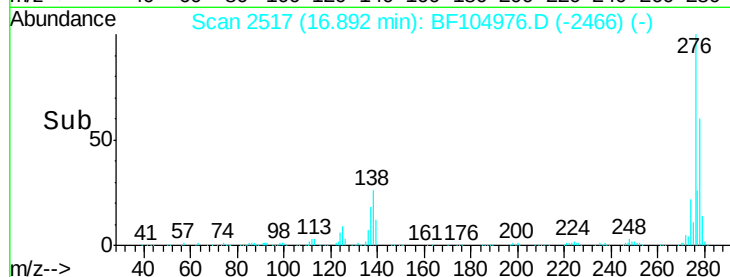
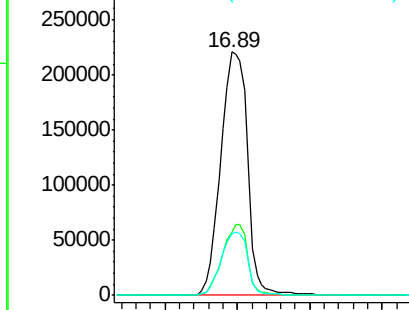
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.604 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.0	37.6
277	25.7	20.1	30.1

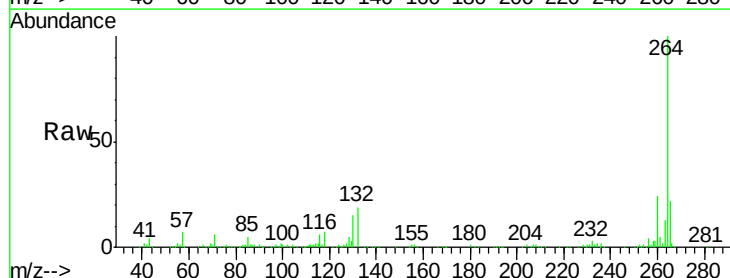


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

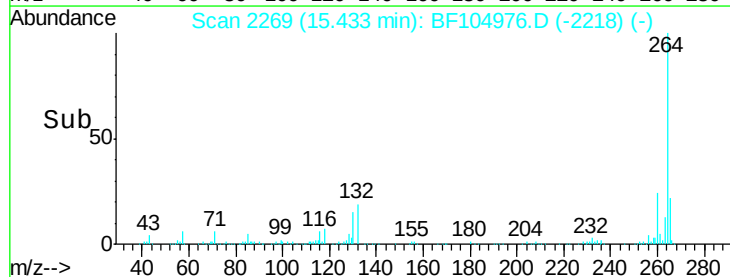
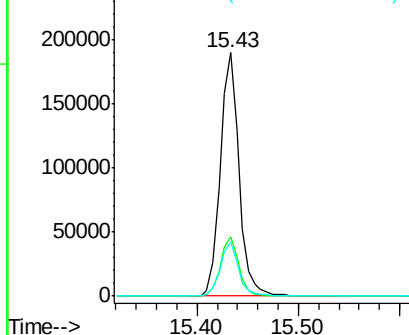


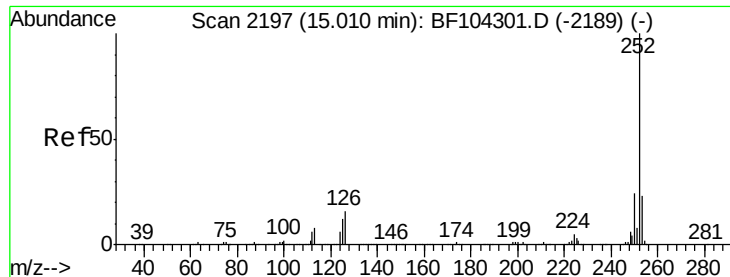
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF104976.D
 Acq: 1 May 2018 11:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.845 ng

RT: 15.01 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampleId :

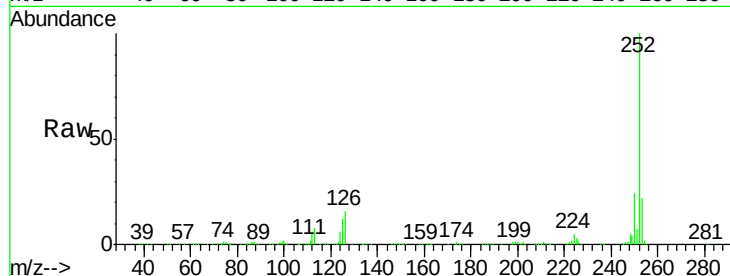
Tot Ion:252 Resp: 659160

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

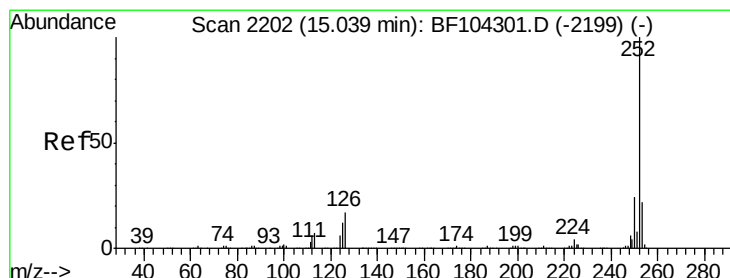
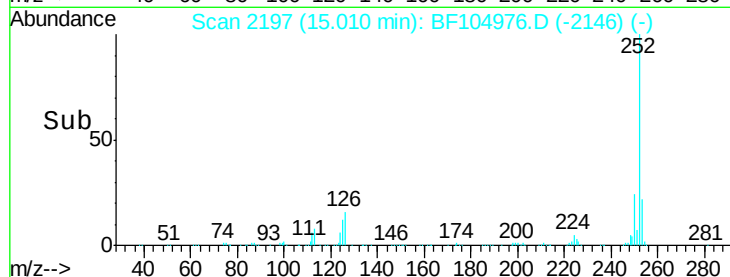
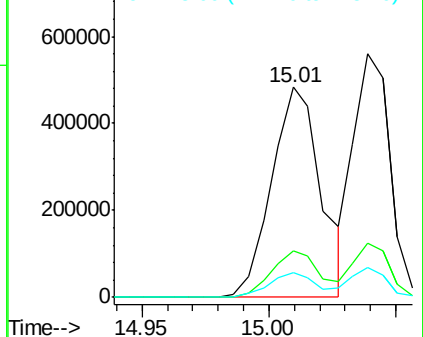
125 11.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.104 ng

RT: 15.04 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

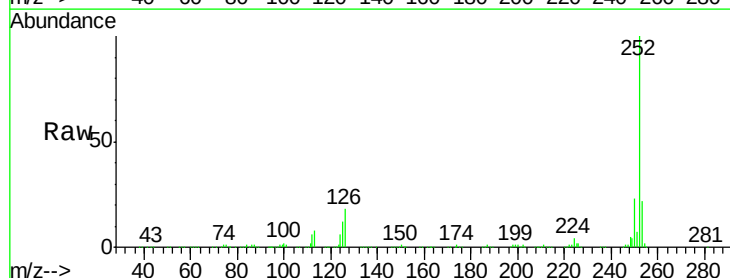
Tgt Ion:252 Resp: 567971

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

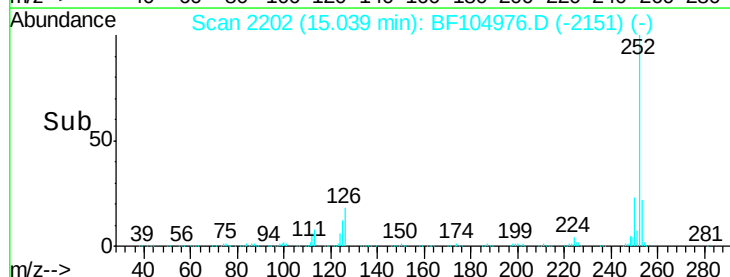
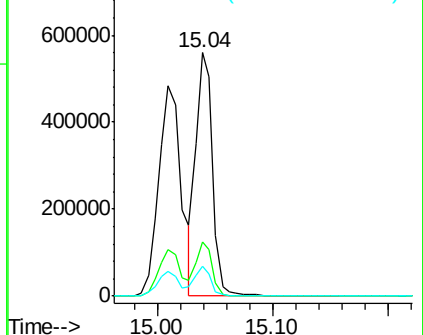
125 12.1 10.2 15.2

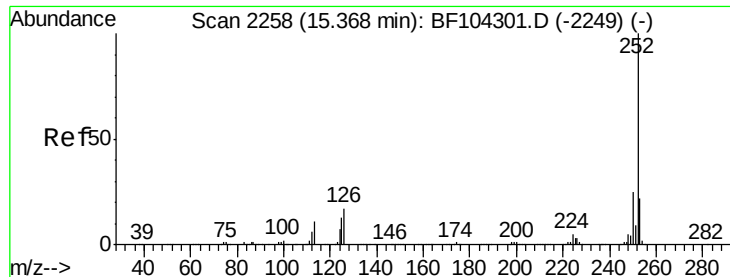


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.635 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampleId :

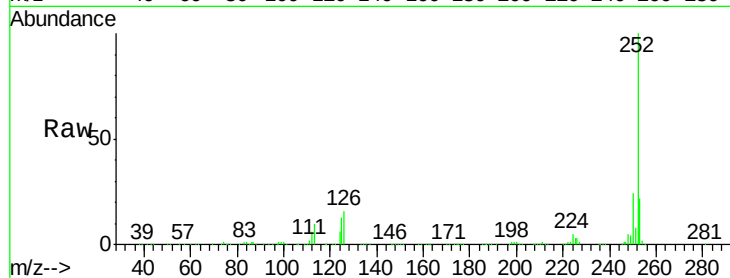
Tot Ion:252 Resp: 559365

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

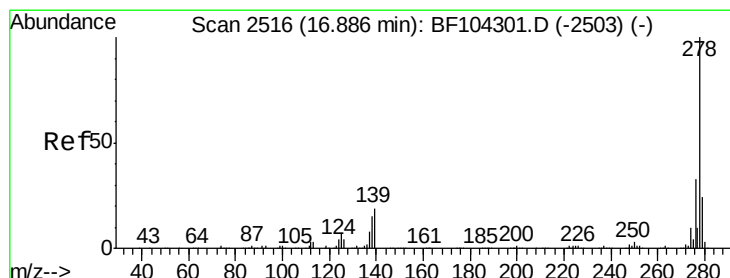
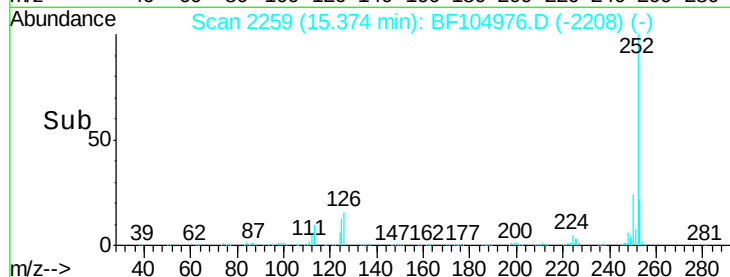
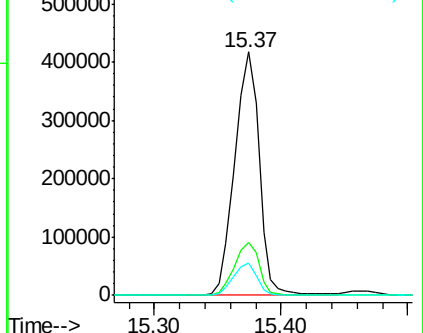
125 13.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.559 ng

RT: 16.91 min Scan# 2520

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

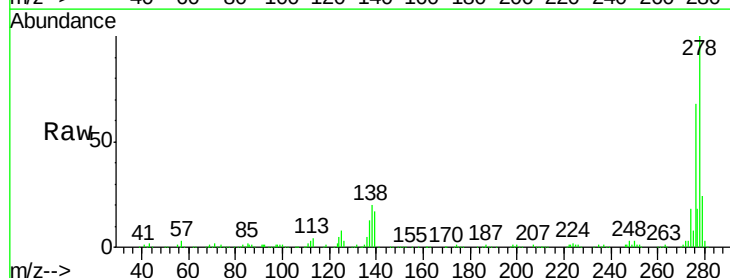
Tgt Ion:278 Resp: 469851

Ion Ratio Lower Upper

278 100

139 17.4 15.9 23.9

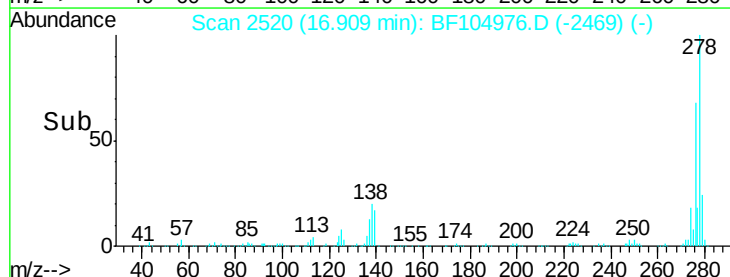
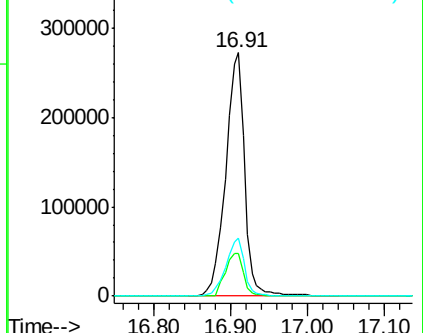
279 23.8 19.0 28.4

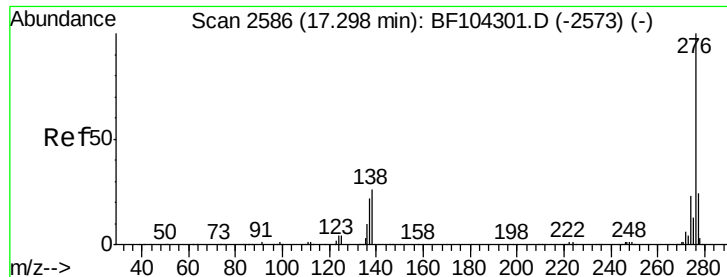


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.981 ng

RT: 17.34 min Scan# 2593

Delta R.T. 0.00 min

Lab File: BF104976.D

Acq: 1 May 2018 11:50

Instrument :

BNA_F

ClientSampleId :

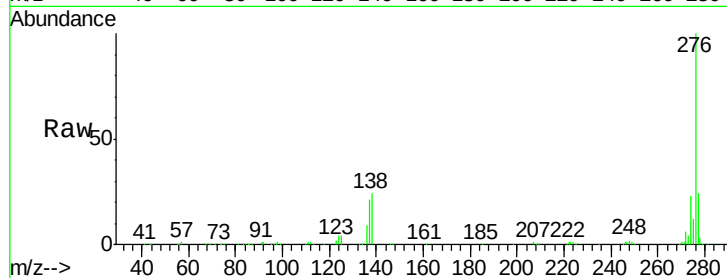
Tot Ion: 276 Resp: 481740

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 24.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

