

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104524.D
 Acq On : 16 Apr 2018 10:40
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 16 12:15:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	155287	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	637523	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	293001	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	531072	20.00	ng	0.00
75) Chrysene-d12	13.99	240	376608	20.00	ng	0.00
86) Perylene-d12	15.46	264	311737	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	755235	74.37	ng	0.00
7) Phenol-d6	6.45	99	922469	73.93	ng	0.00
23) Nitrobenzene-d5	7.38	82	815320	83.51	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	235284	77.41	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1338298	72.16	ng	0.00
78) Terphenyl-d14	12.93	244	1272431	77.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	187941	39.716	ng	90
3) Pyridine	3.26	79	515649	38.757	ng	89
4) n-Nitrosodimethylamine	3.23	42	166334	35.764	ng	# 78
6) Aniline	6.47	93	631949	36.453	ng	98
8) 2-Chlorophenol	6.60	128	408836	38.141	ng	95
9) Benzaldehyde	6.36	77	237325	36.539	ng	95
10) Phenol	6.46	94	519068	39.205	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	403044	38.148	ng	94
12) 1,3-Dichlorobenzene	6.75	146	455191	37.484	ng	100
13) 1,4-Dichlorobenzene	6.83	146	460082	38.008	ng	100
14) 1,2-Dichlorobenzene	6.98	146	421782	37.600	ng	98
15) Benzyl Alcohol	6.96	79	339338	35.805	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	529708	37.333	ng	91
17) 2-Methylphenol	7.07	107	351755	37.752	ng	97
18) Hexachloroethane	7.32	117	168172	38.965	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	270287	33.148	ng	94
20) 3+4-Methylphenols	7.22	107	398436	34.479	ng	# 64
22) Acetophenone	7.22	105	550715	35.088	ng	95
24) Nitrobenzene	7.40	77	437121	40.552	ng	97
25) Isophorone	7.63	82	752452	36.446	ng	99
26) 2-Nitrophenol	7.71	139	221257	50.420	ng	97
27) 2,4-Dimethylphenol	7.75	122	325527	35.726	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	477900	37.859	ng	99
29) 2,4-Dichlorophenol	7.96	162	326543	37.560	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	359361	37.664	ng	99
31) Naphthalene	8.12	128	1177001	37.076	ng	100
32) Benzoic acid	7.88	122	303361	41.727	ng	97
33) 4-Chloroaniline	8.17	127	514418	37.824	ng	97
34) Hexachlorobutadiene	8.23	225	196251	37.552	ng	99
35) Caprolactam	8.55	113	112691	37.157	ng	# 84
36) 4-Chloro-3-methylphenol	8.65	107	348244	37.357	ng	99
37) 2-Methylnaphthalene	8.81	142	754165	36.727	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	326910	38.976	ng	100
40) Hexachlorocyclopentadiene	8.96	237	166014	35.356	ng	97

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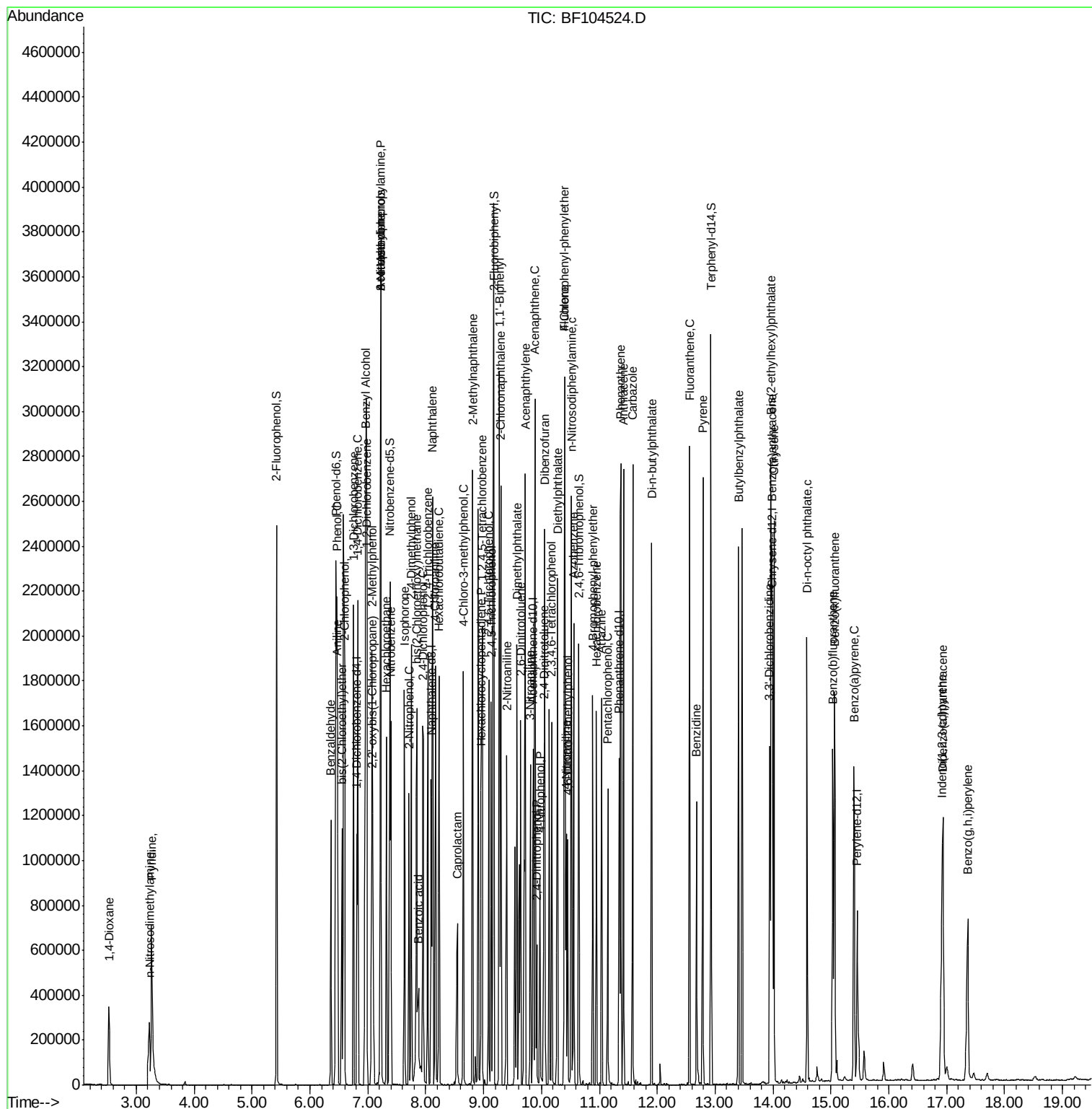
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	226122	38.837	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	253922	38.972	nq	98
45) 1,1'-Biphenyl	9.27	154	910422	36.988	nq	99
46) 2-Chloronaphthalene	9.30	162	732888	37.696	nq	100
47) 2-Nitroaniline	9.40	65	228396	47.503	nq	97
48) Acenaphthylene	9.72	152	1115526	36.570	nq	99
49) Dimethylphthalate	9.57	163	866883	37.519	nq	100
50) 2,6-Dinitrotoluene	9.64	165	192900	45.119	nq	97
51) Acenaphthene	9.89	154	657132	35.308	nq	99
52) 3-Nitroaniline	9.81	138	224879	44.929	nq	98
53) 2,4-Dinitrophenol	9.92	184	83707	55.771	nq	# 17
54) Dibenzofuran	10.06	168	957090	36.900	nq	99
55) 4-Nitrophenol	9.97	139	163140	41.493	nq	93
56) 2,4-Dinitrotoluene	10.05	165	252599	45.042	nq	91
57) Fluorene	10.40	166	714295	37.836	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	184538	37.964	nq	96
59) Diethylphthalate	10.27	149	840206	36.513	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	327349	38.935	nq	99
61) 4-Nitroaniline	10.43	138	224207	45.813	nq	95
62) Azobenzene	10.56	77	797260	36.264	nq	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	131434	50.386	nq	89
65) n-Nitrosodiphenylamine	10.52	169	682483	37.064	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	215296	38.113	nq	# 89
67) Hexachlorobenzene	10.95	284	240763	37.878	nq	# 88
68) Atrazine	11.04	200	206631	37.177	nq	99
69) Pentachlorophenol	11.15	266	142424	36.219	nq	97
70) Phenanthrene	11.37	178	1059799	35.834	nq	99
71) Anthracene	11.42	178	1082129	35.995	nq	100
72) Carbazole	11.57	167	1048462	35.690	nq	99
73) Di-n-butylphthalate	11.90	149	1293271	36.038	nq	99
74) Fluoranthene	12.56	202	1091140	35.312	nq	98
76) Benzidine	12.68	184	434993	32.134	nq	99
77) Pyrene	12.79	202	1118251	40.058	nq	99
79) Butylbenzylphthalate	13.40	149	524158	39.856	nq	99
80) Benzo(a)anthracene	13.98	228	869848	38.662	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	314546	37.496	nq	97
82) Chrysene	14.02	228	857907	37.123	nq	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	691401	40.873	nq	99
84) Di-n-octyl phthalate	14.59	149	1021446	36.138	nq	96
85) Indeno(1,2,3-cd)pyrene	16.92	276	728479	37.108	nq	98
87) Benzo(b)fluoranthene	15.03	252	712910	36.209	nq	98
88) Benzo(k)fluoranthene	15.06	252	732426	39.403	nq	100
89) Benzo(a)pyrene	15.40	252	664816	37.738	nq	97
90) Dibenzo(a,h)anthracene	16.94	278	597287	41.282	nq	98
91) Benzo(g,h,i)perylene	17.36	276	613730	43.783	nq	96

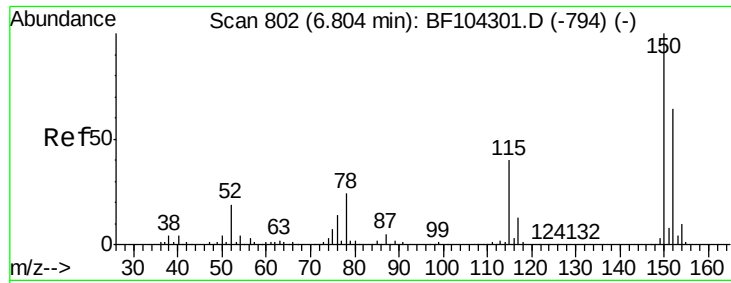
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :
ALS Vial  : 2      Sample Multiplier: 1
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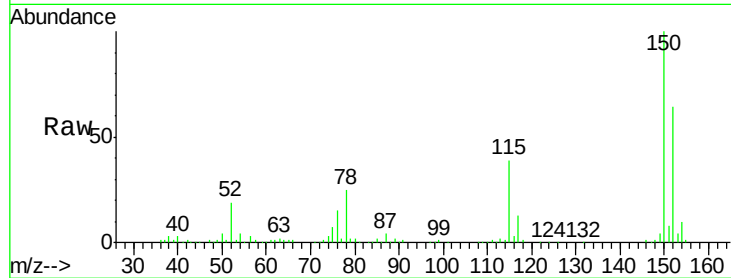


#1

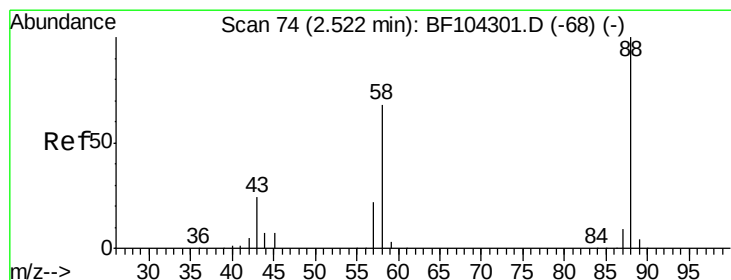
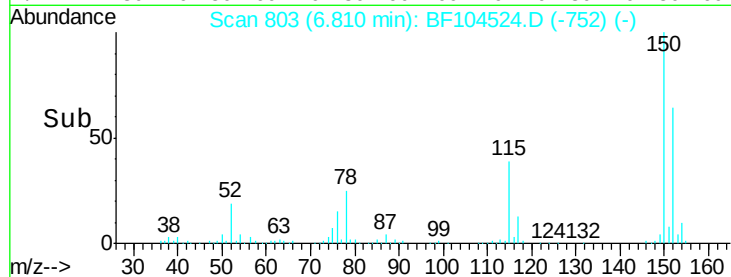
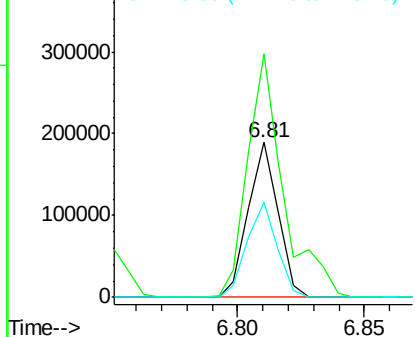
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 155287
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 61.8 50.1 75.1



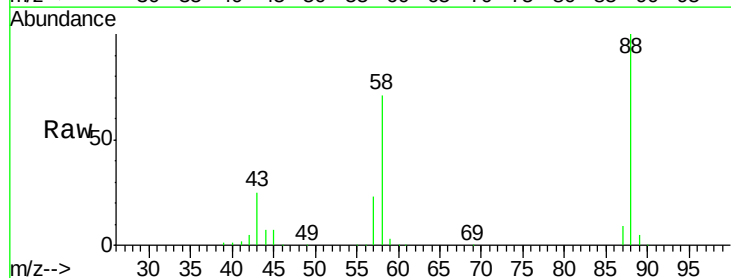
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



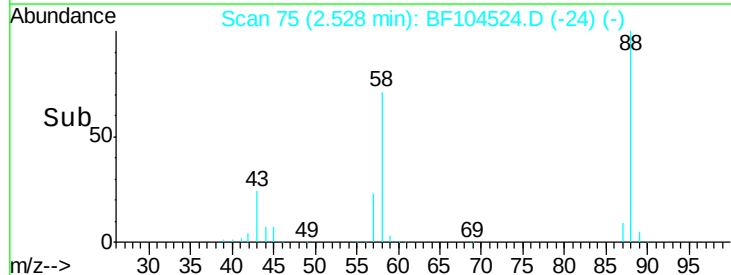
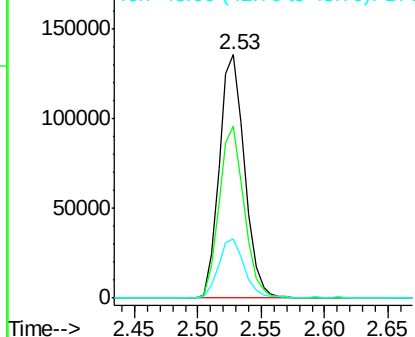
#2

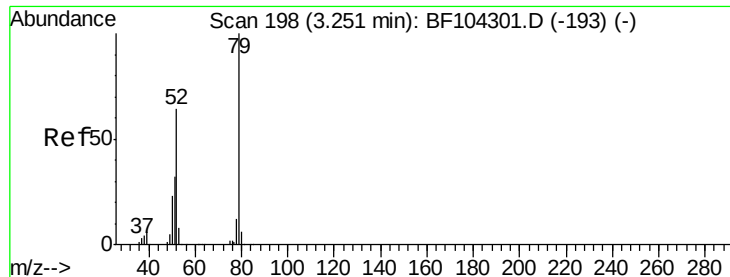
1,4-Dioxane
Concen: 39.716 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Tgt Ion: 88 Resp: 187941
Ion Ratio Lower Upper
88 100
58 69.7 62.6 93.8
43 25.6 24.6 37.0



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





#3

Pvridine

Concen: 38.757 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

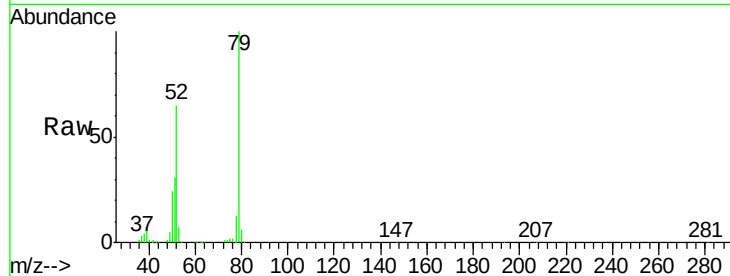
Tot Ion: 79 Resp: 515649

Ion Ratio Lower Upper

79 100

52 65.3 59.8 89.6

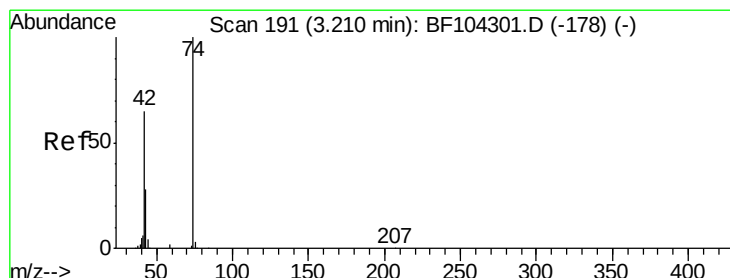
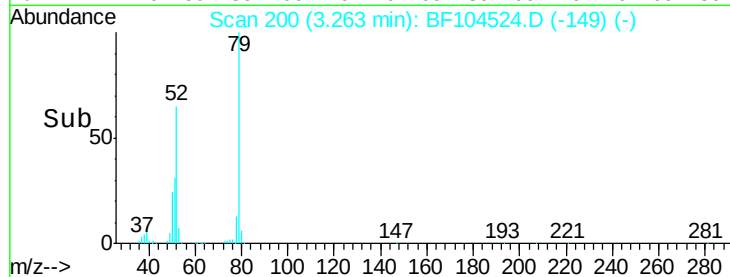
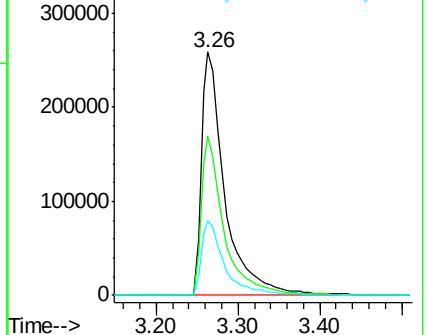
51 30.6 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.764 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

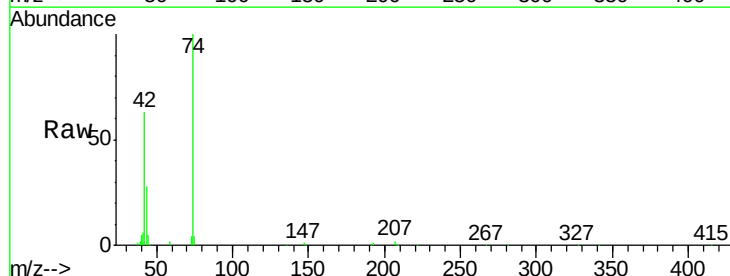
Tgt Ion: 42 Resp: 166334

Ion Ratio Lower Upper

42 100

74 157.8 104.9 157.3#

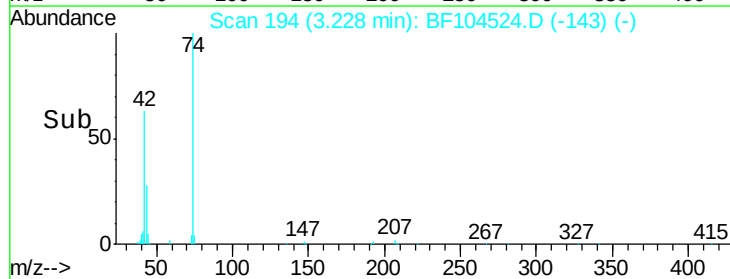
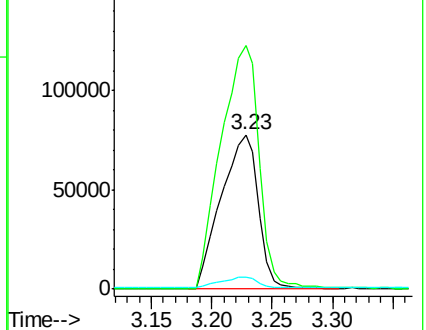
44 8.1 6.9 10.3

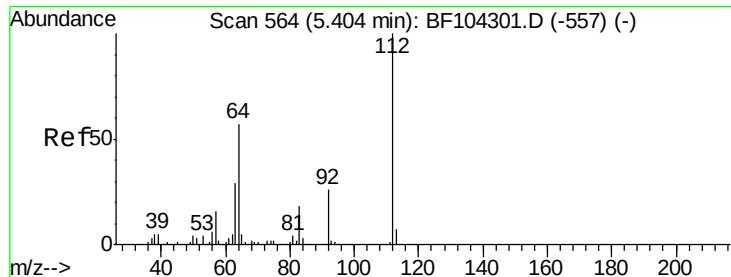


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 74.365 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

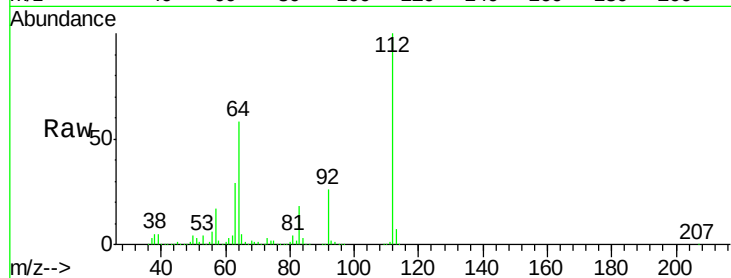
Tot Ion:112 Resp: 755235

Ion Ratio Lower Upper

112 100

64 58.0 47.9 71.9

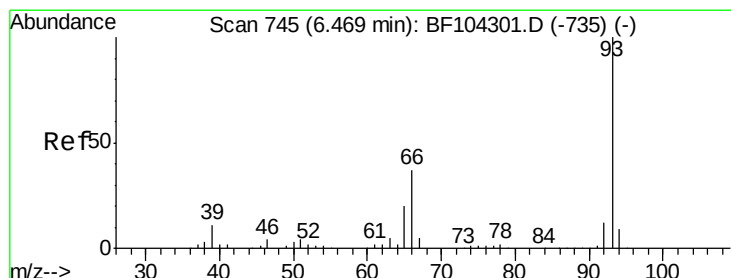
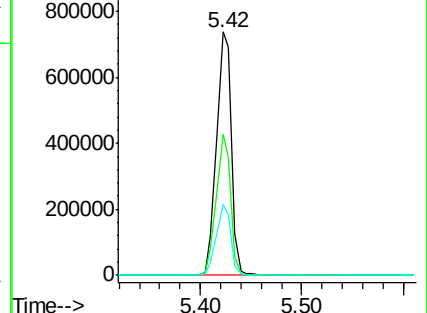
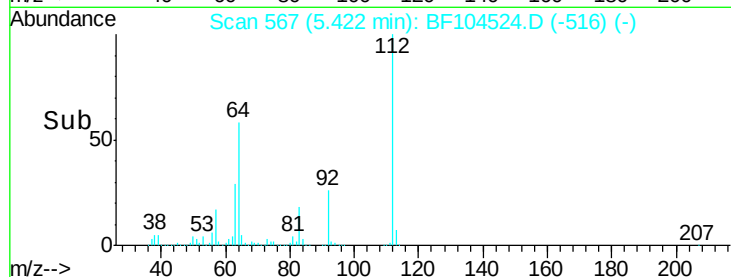
63 29.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.453 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

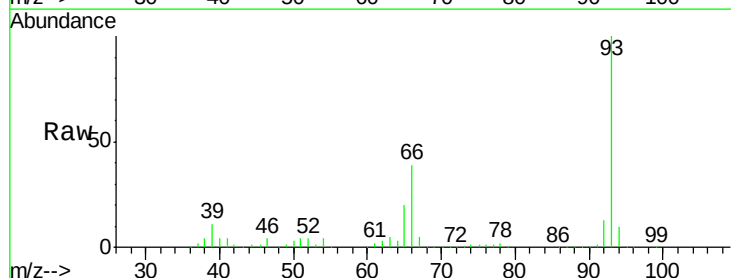
Tgt Ion: 93 Resp: 631949

Ion Ratio Lower Upper

93 100

66 39.2 32.2 48.2

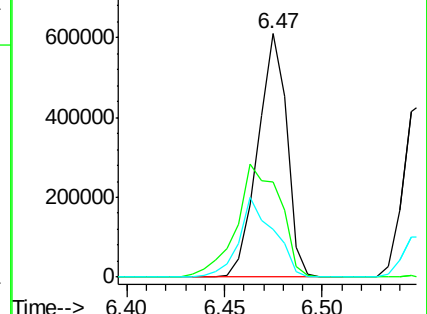
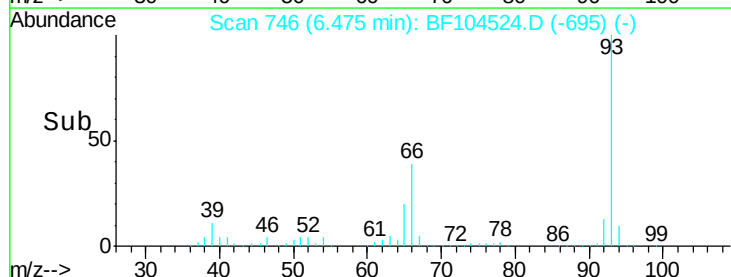
65 19.8 16.4 24.6

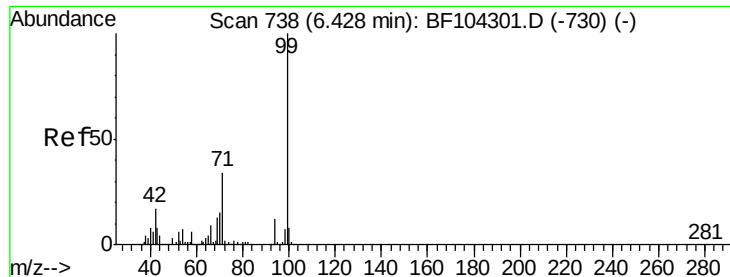


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.927 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

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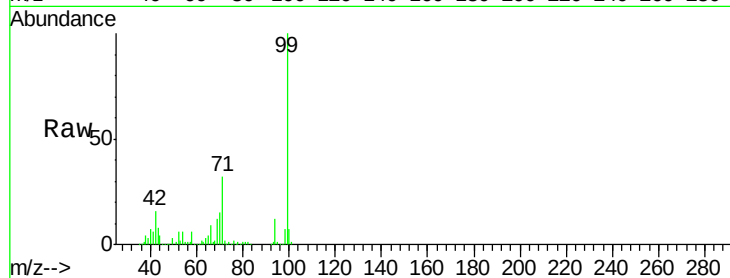
Tot Ion: 99 Resp: 922469

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

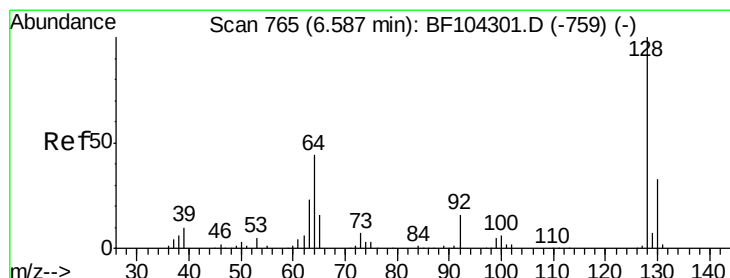
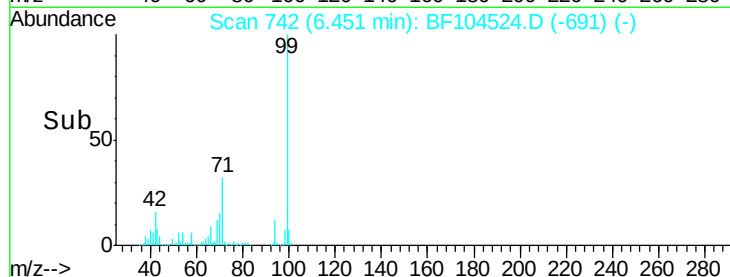
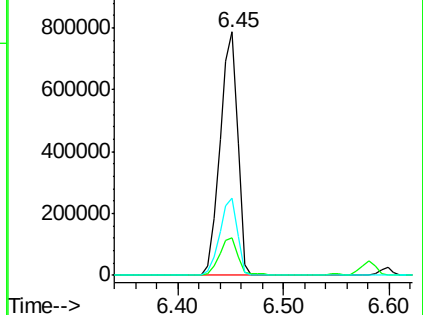
71 31.9 25.4 38.0



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: 38.141 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

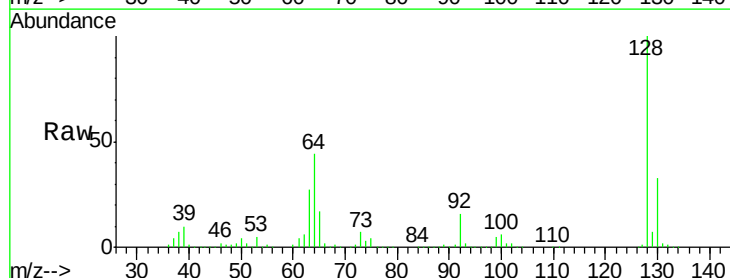
Tgt Ion: 128 Resp: 408836

Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

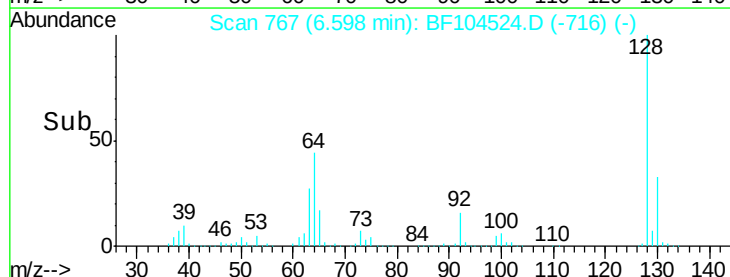
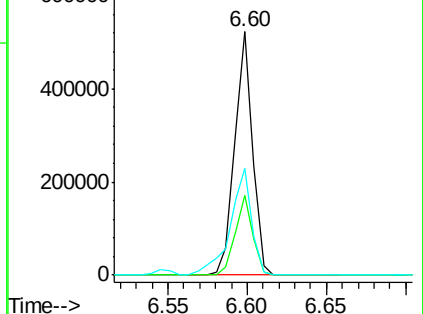
64 43.8 29.4 69.4

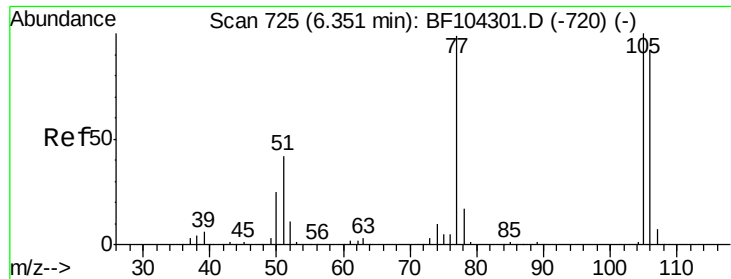


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.539 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

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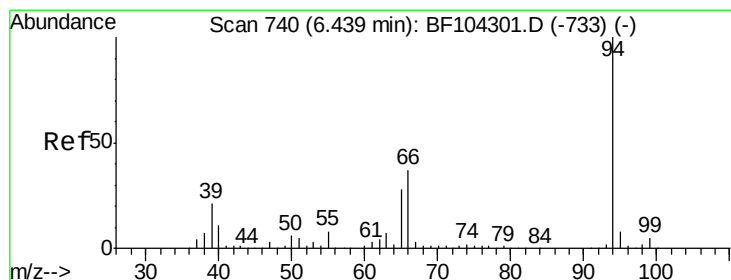
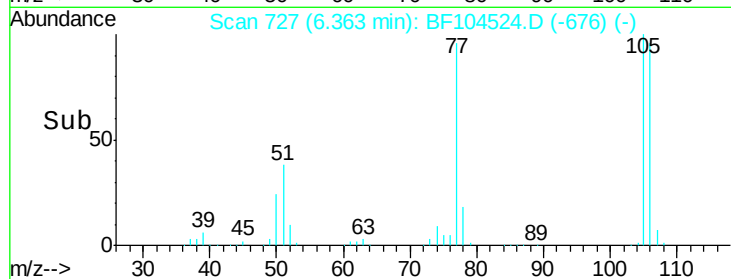
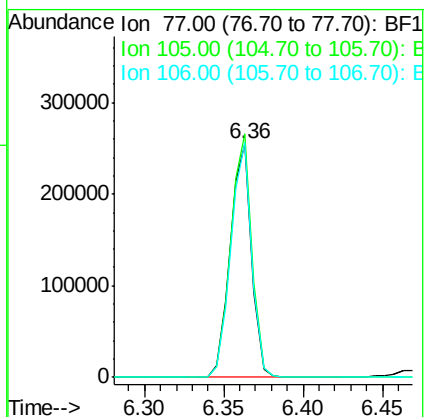
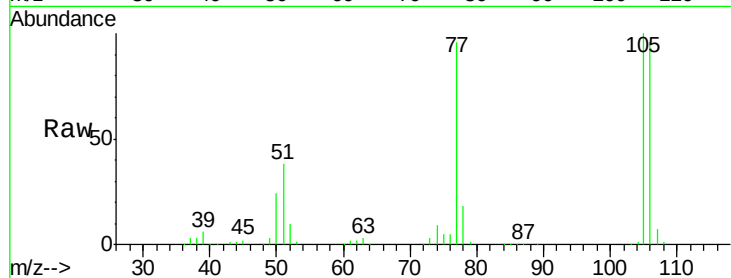
Tot Ion: 77 Resp: 237325

Ion Ratio Lower Upper

77 100

105 104.3 81.1 121.1

106 100.6 74.5 114.5



#10

Phenol

Concen: 39.205 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

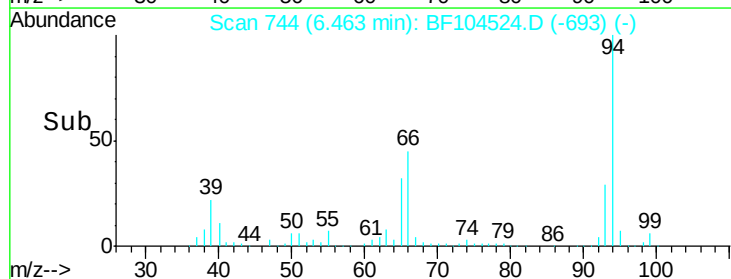
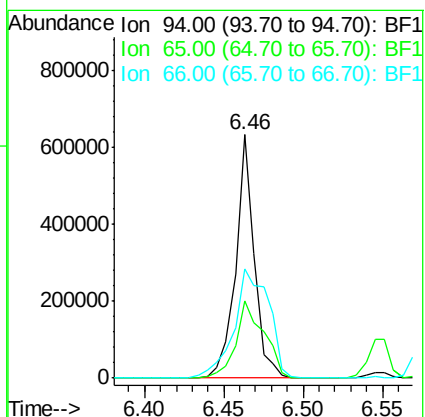
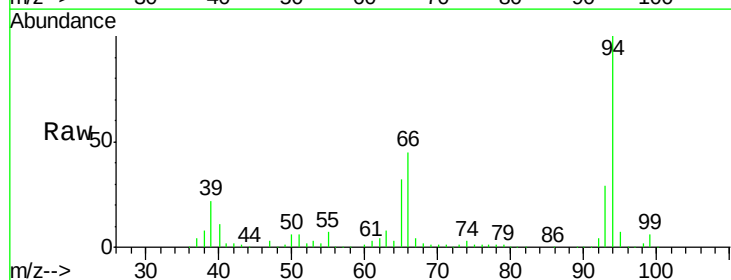
Tgt Ion: 94 Resp: 519068

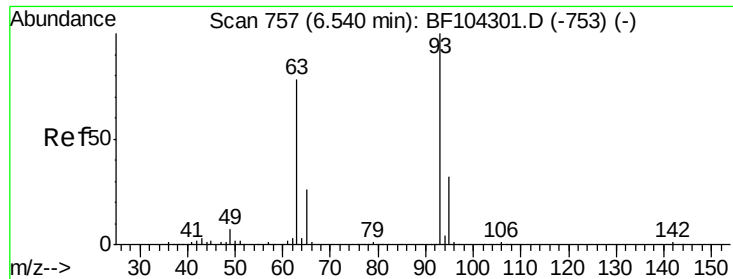
Ion Ratio Lower Upper

94 100

65 31.6 7.9 47.9

66 44.8 16.2 56.2

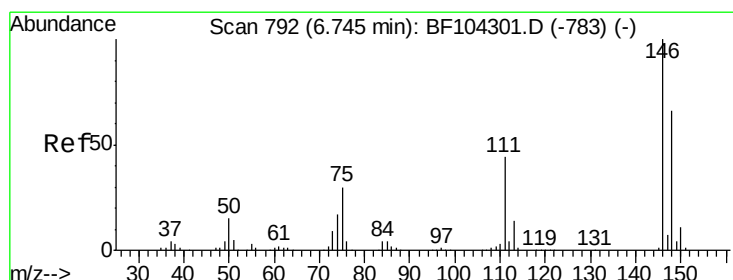
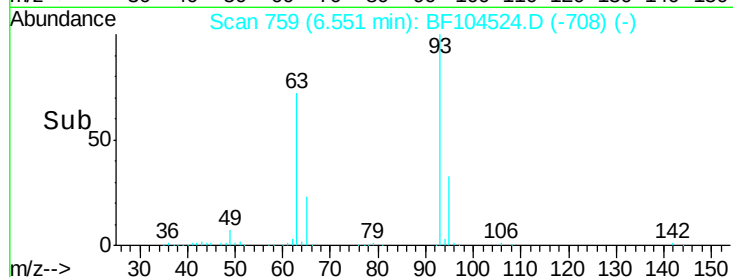
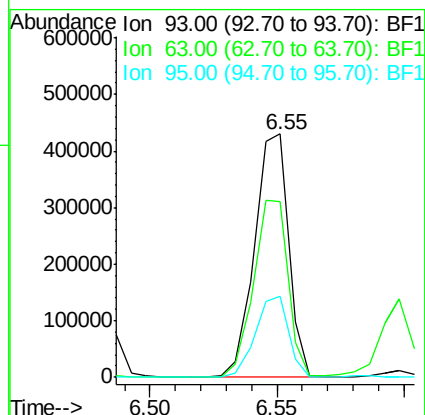
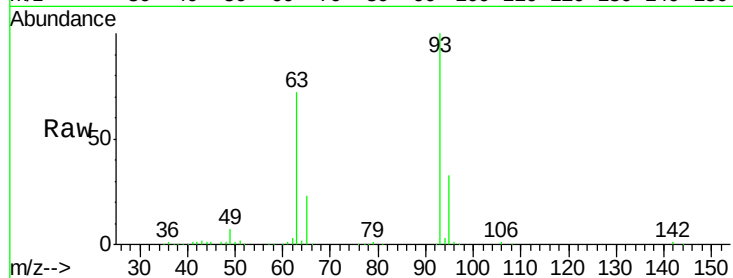




#11
bis(2-Chloroethyl)ether
Concen: 38.148 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

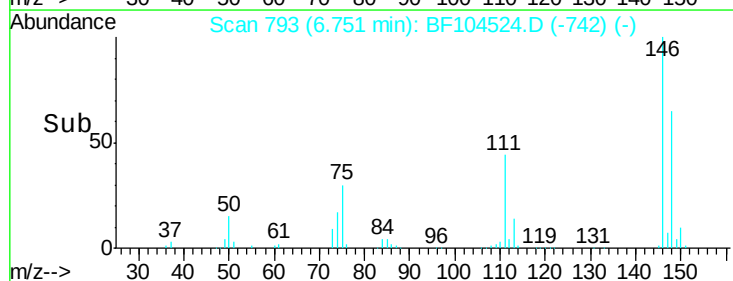
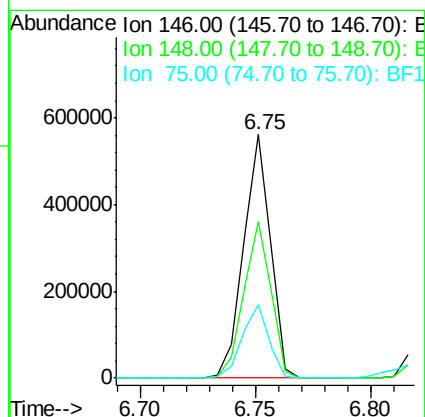
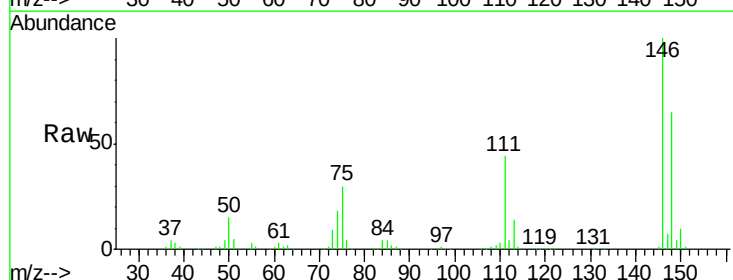
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

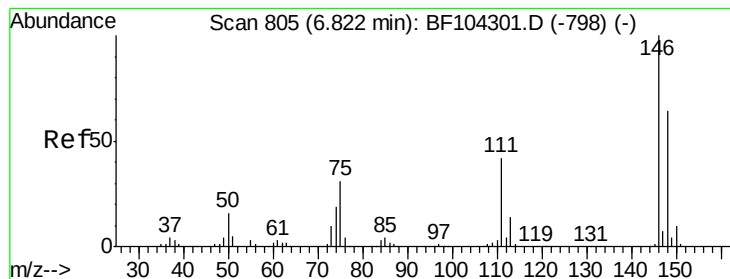
Tot Ion: 93 Resp: 403044
Ion Ratio Lower Upper
93 100
63 72.0 58.6 98.6
95 33.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.484 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Tgt Ion: 146 Resp: 455191
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 29.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.008 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

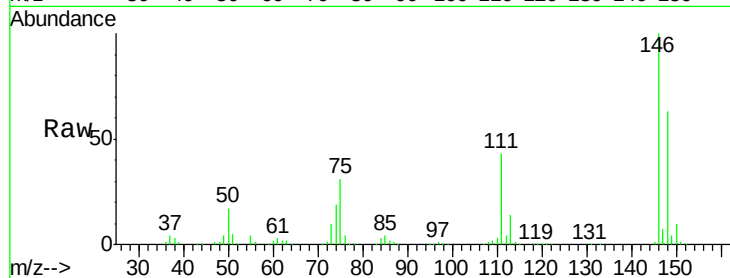
Tot Ion:146 Resp: 460082

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

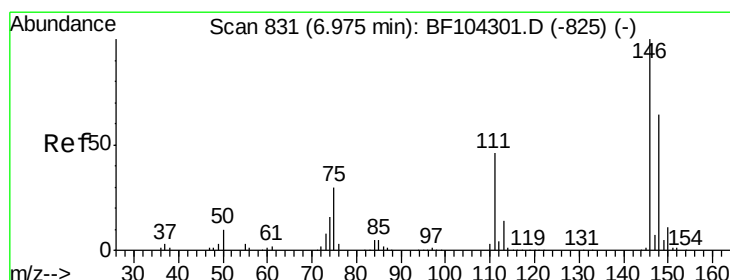
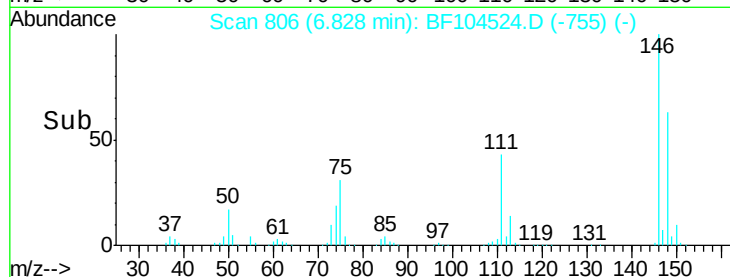
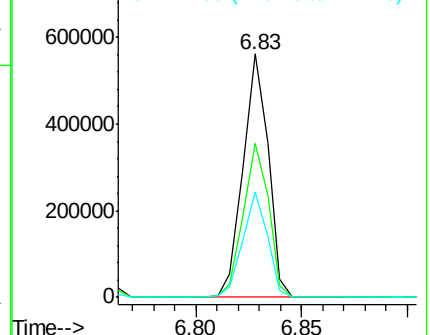
111 43.3 34.2 51.2



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: 37.600 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

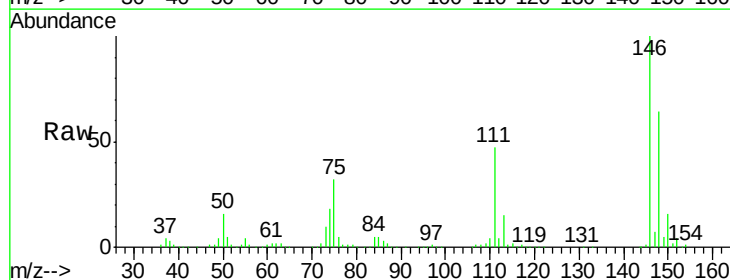
Tgt Ion:146 Resp: 421782

Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

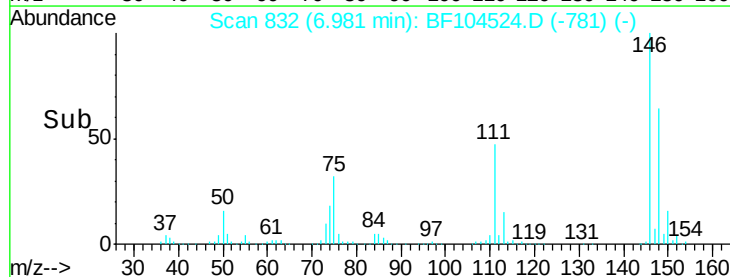
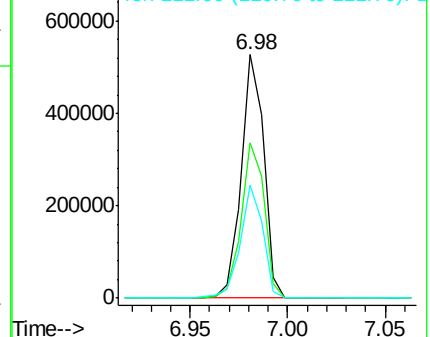
111 46.5 36.0 54.0

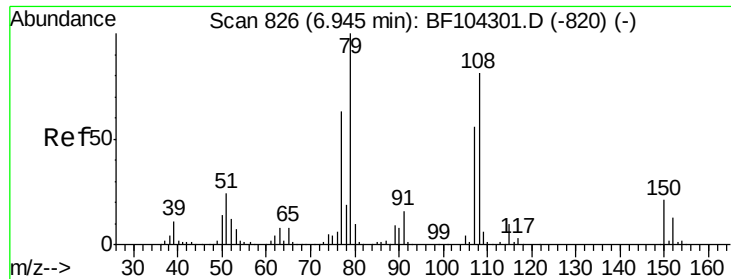


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

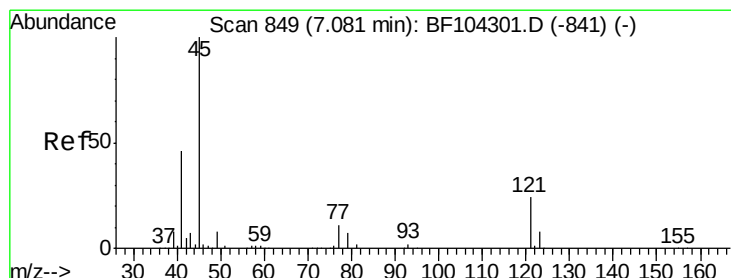
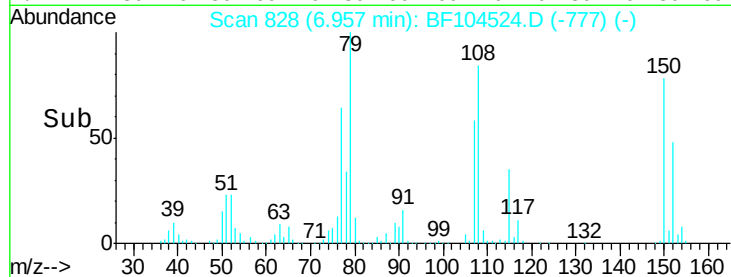
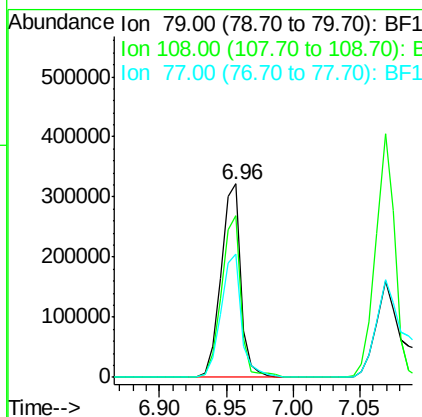
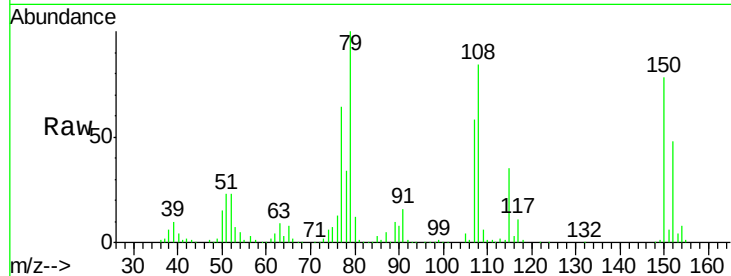




#15
Benzyl Alcohol
Concen: 35.805 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

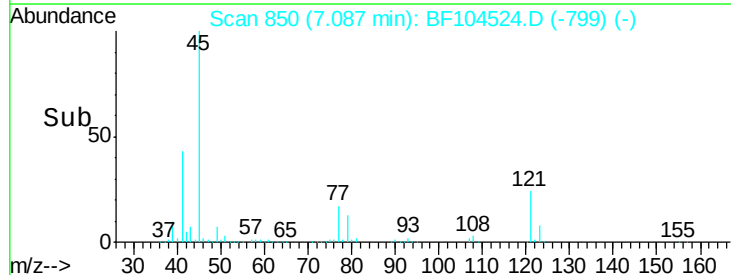
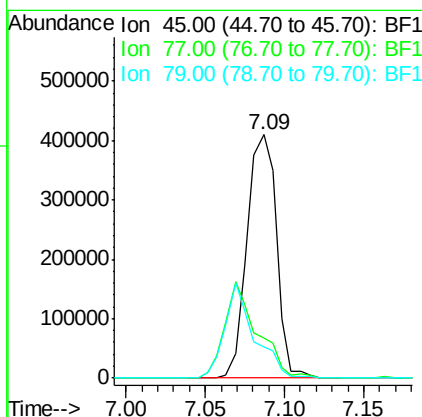
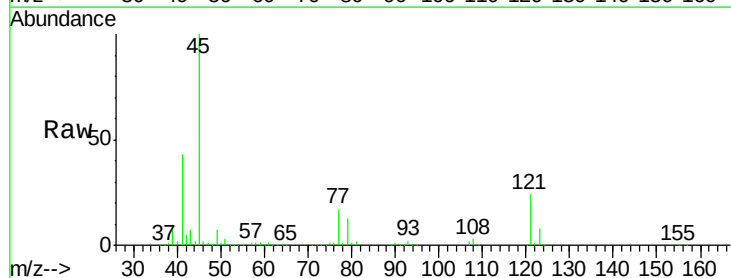
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

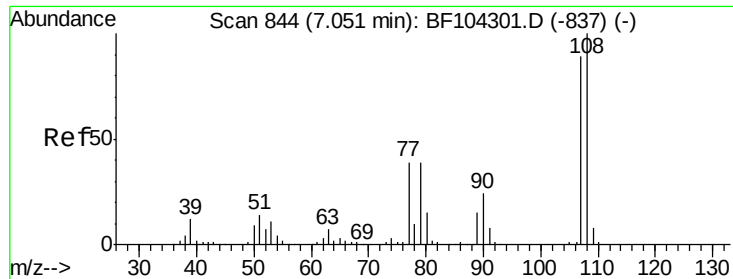
Tot Ion: 79 Resp: 339338
Ion Ratio Lower Upper
79 100
108 83.8 65.1 97.7
77 63.6 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.333 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Tgt Ion: 45 Resp: 529708
Ion Ratio Lower Upper
45 100
77 16.7 0.0 32.9
79 12.6 0.0 29.6

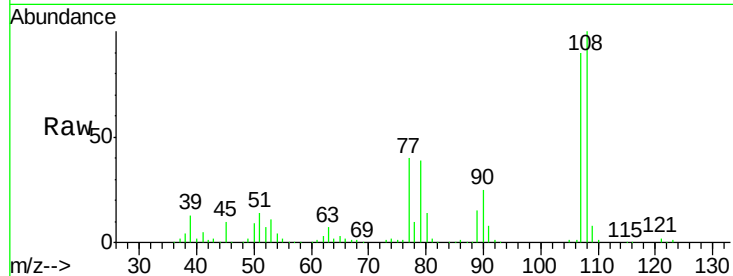




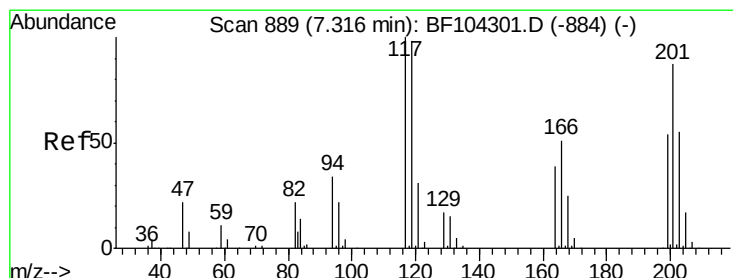
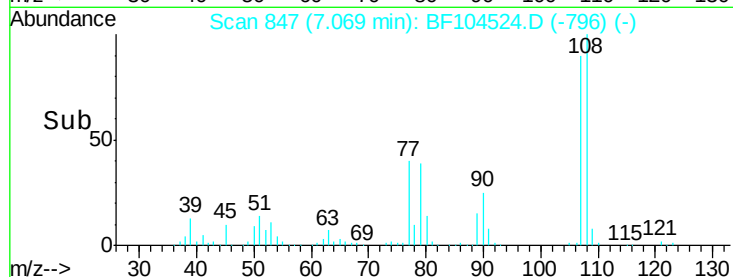
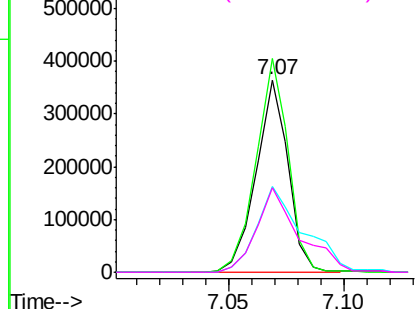
#17
2-Methylphenol
Concen: 37.752 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	351755
Ion	Ratio	Lower	Upper
107	100		
108	111.1	91.7	137.5
77	44.7	33.8	50.8
79	43.9	33.8	50.8

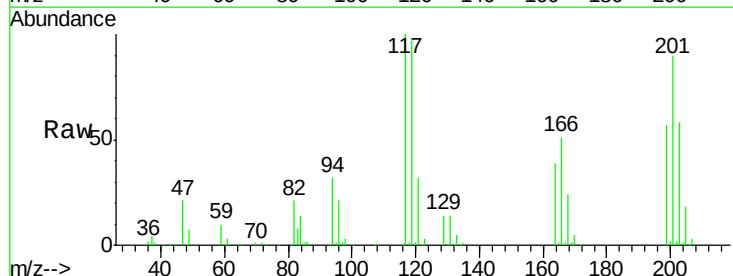


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

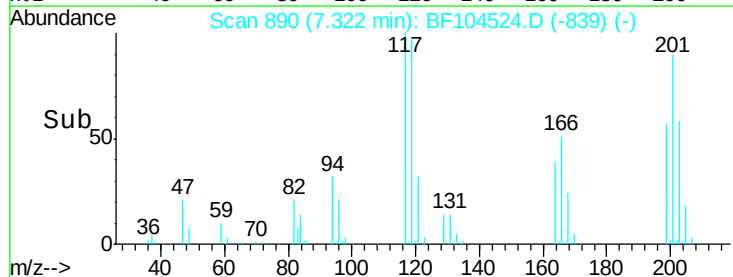
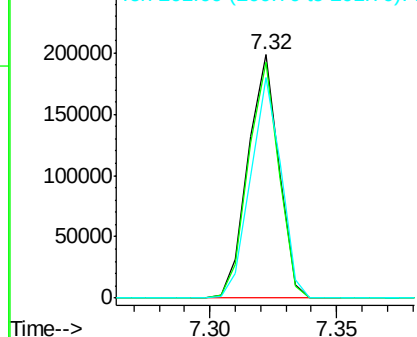


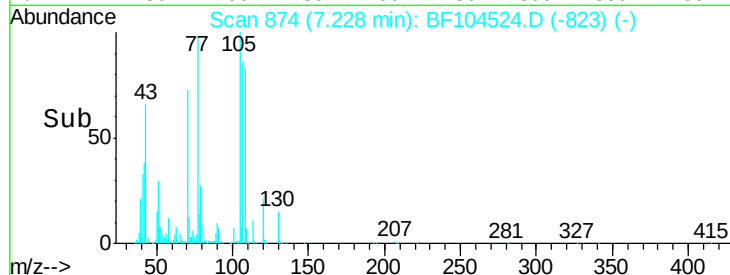
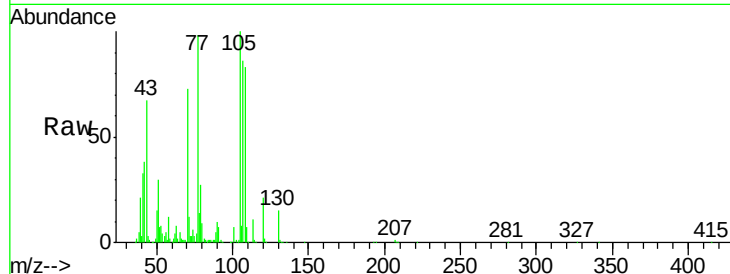
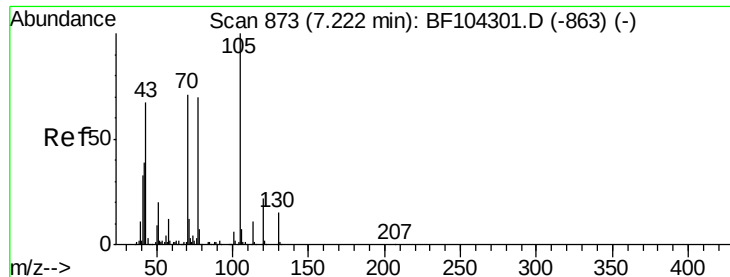
#18
Hexachloroethane
Concen: 38.965 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Tgt Ion:	117	Resp:	168172
Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.8	113.8
201	90.4	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

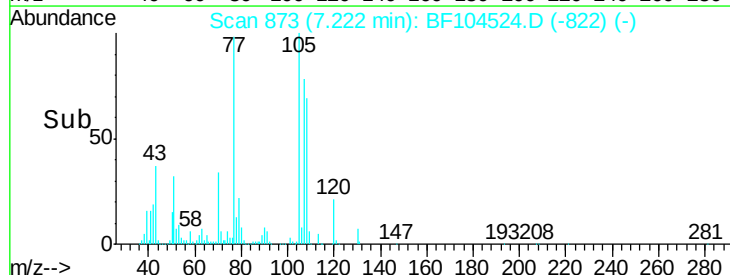
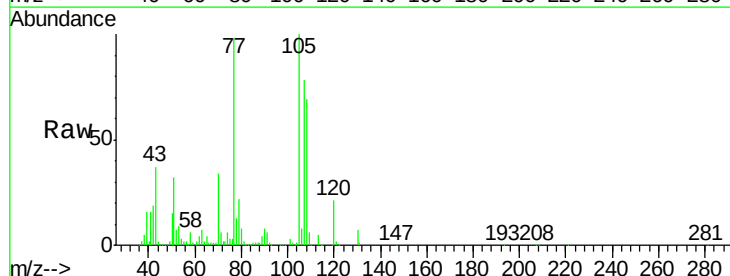
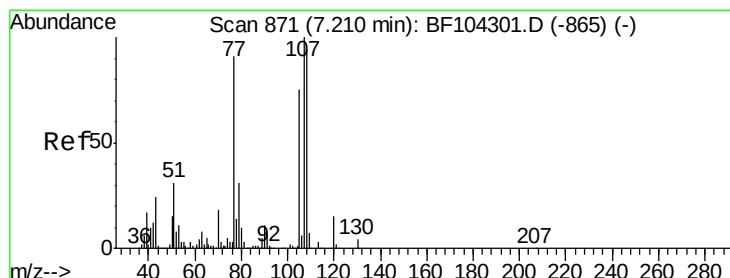
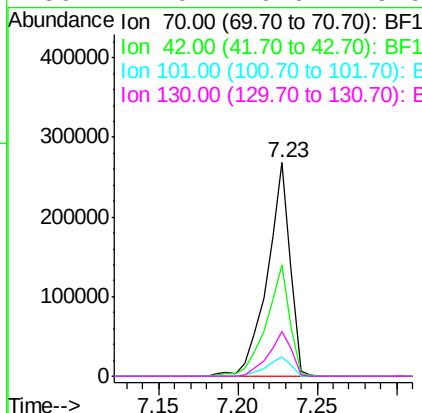




#19
n-Nitroso-di-n-propylamine
Concen: 33.148 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

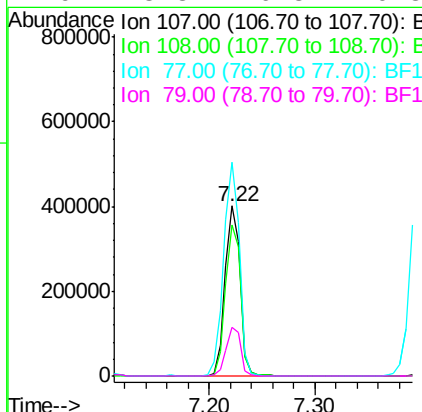
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

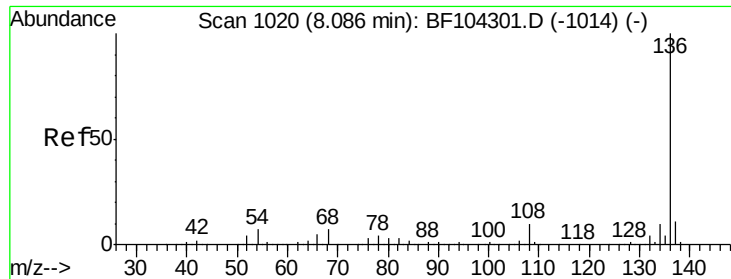
Tot Ion:	70	Resp:	270287
Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.5	71.3
101	9.3	7.4	11.2
130	21.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.479 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Tgt Ion:	107	Resp:	398436
Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.2	108.2
77	125.8	26.7	66.7#
79	28.3	6.3	46.3

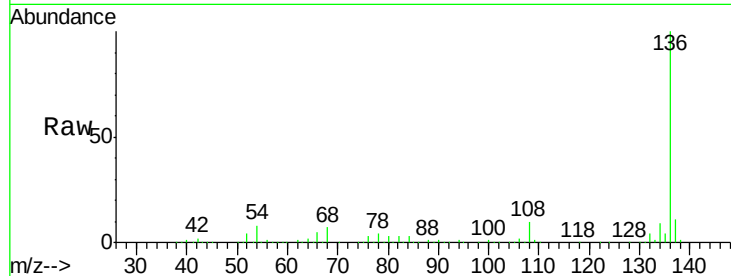




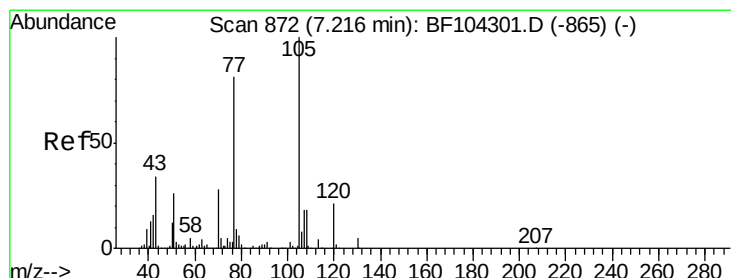
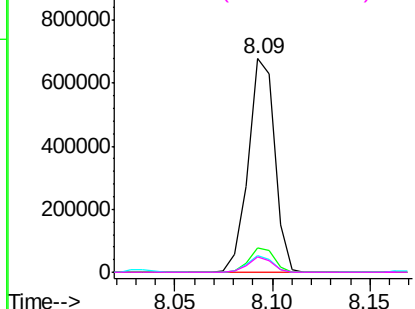
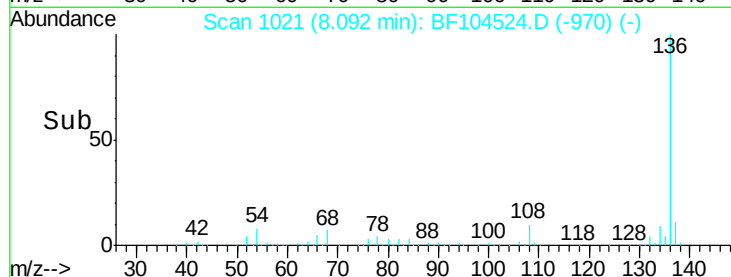
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	637523	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.9	13.3	
54 7.9	6.6	9.8	
68 6.9	5.0	7.4	

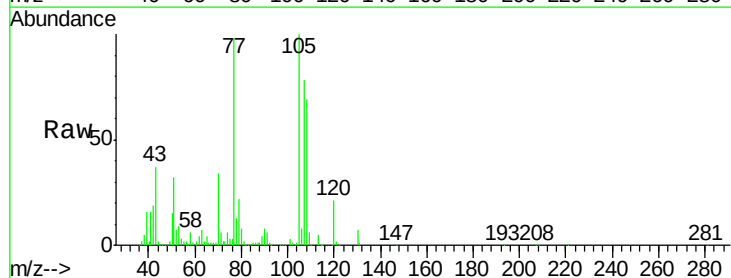


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

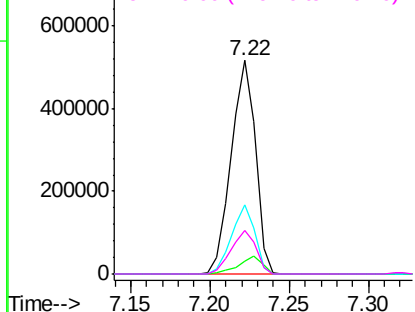
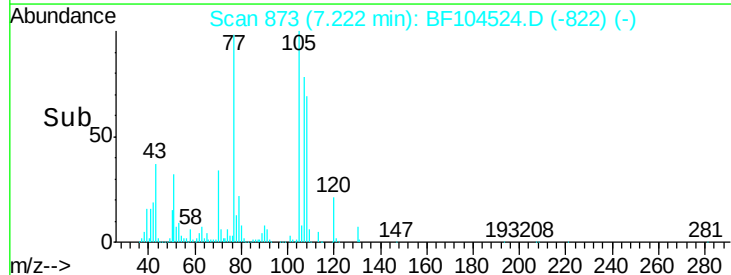


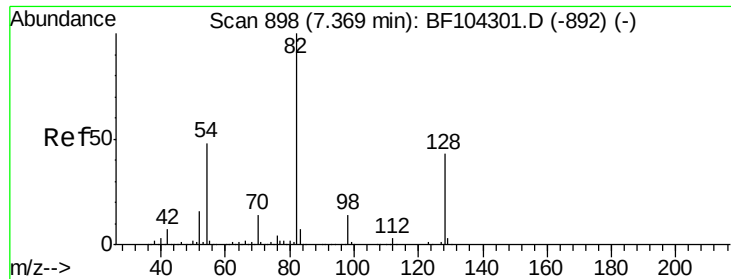
#22
Acetophenone
Concen: 35.088 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Tgt	Ion:105	Resp:	550715
Ion	Ratio	Lower	Upper
105	100		
71	6.0	4.4	6.6
51	32.1	22.3	33.5
120	20.6	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

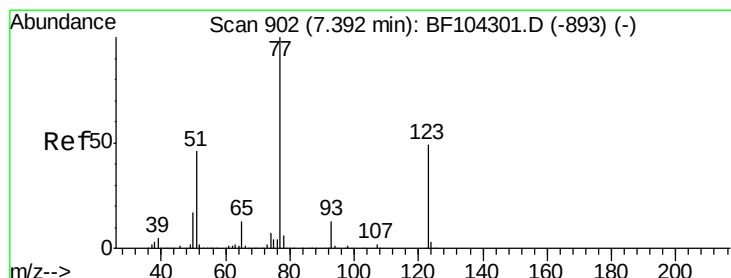
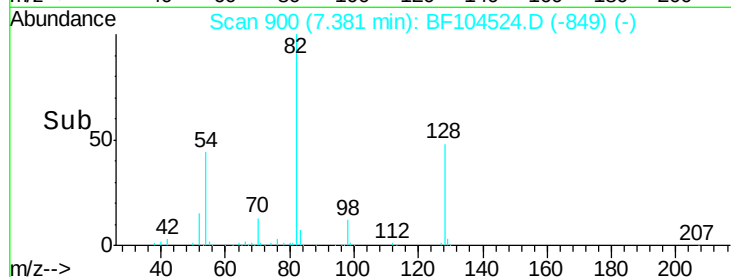
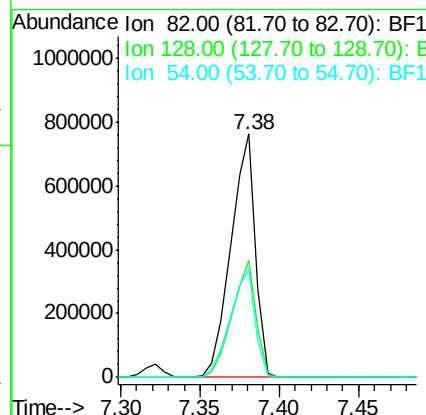
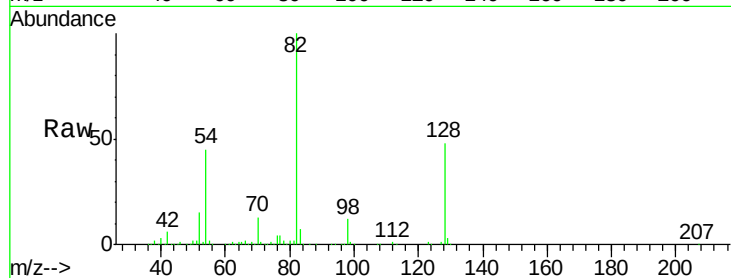




#23
 Nitrobenzene-d5
 Concen: 83.509 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

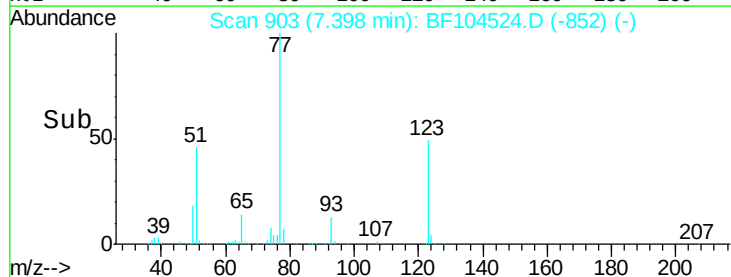
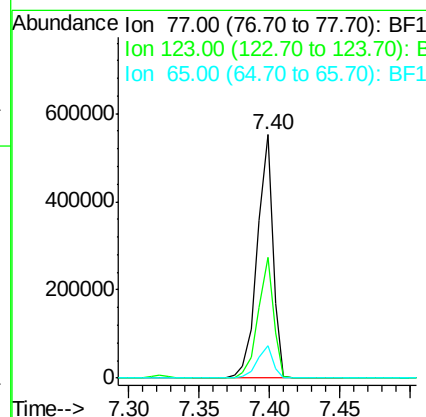
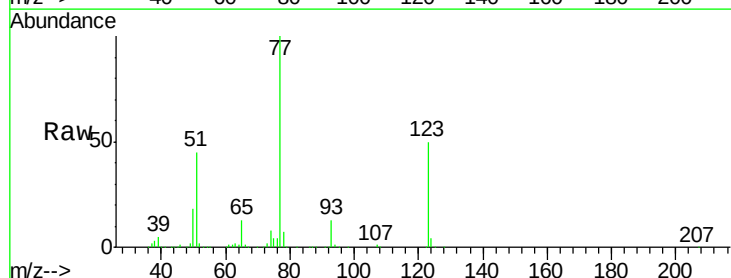
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

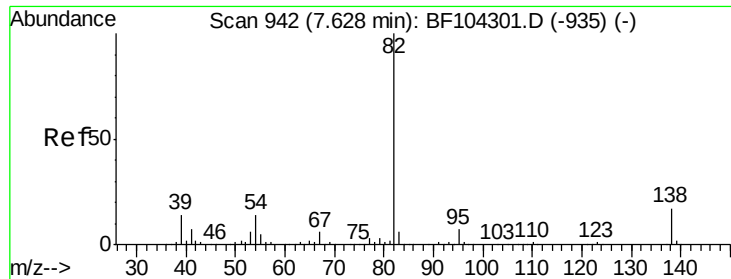
Tot Ion: 82 Resp: 815320
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.1 54.1
 54 44.6 41.4 62.2



#24
 Nitrobenzene
 Concen: 40.552 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Tgt Ion: 77 Resp: 437121
 Ion Ratio Lower Upper
 77 100
 123 49.7 37.9 56.9
 65 13.2 11.0 16.4





#25

Isophorone

Concen: 36.446 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

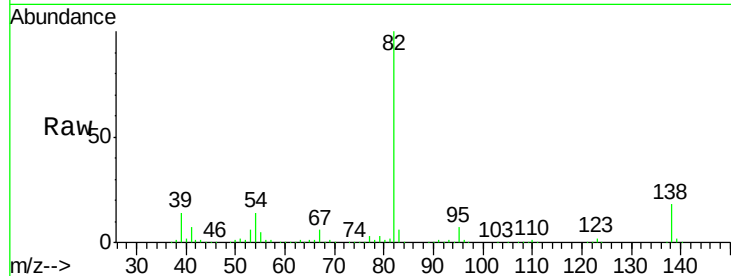
Tot Ion: 82 Resp: 752452

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

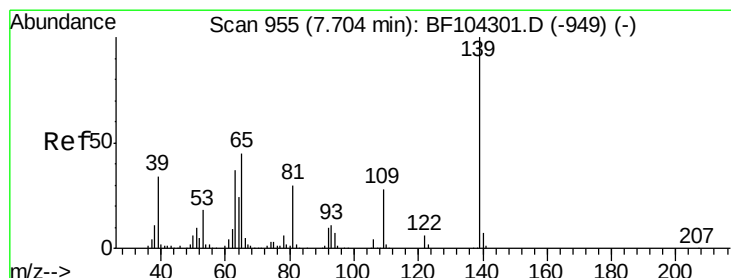
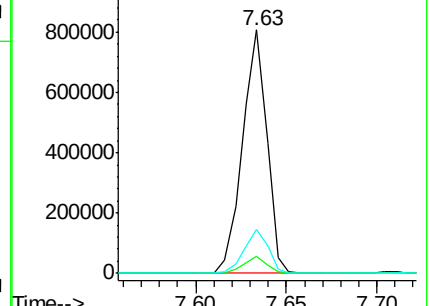
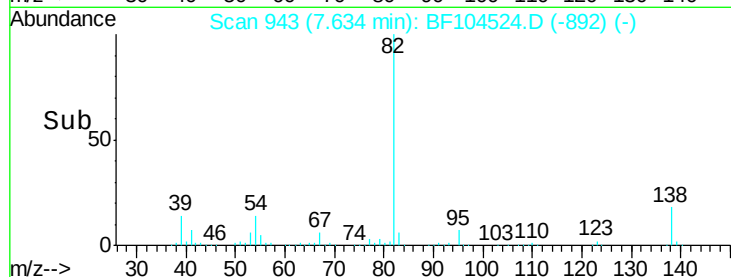
138 18.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.420 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

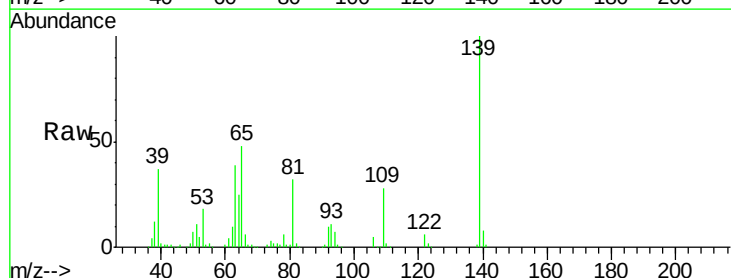
Tgt Ion: 139 Resp: 221257

Ion Ratio Lower Upper

139 100

109 27.8 22.7 34.1

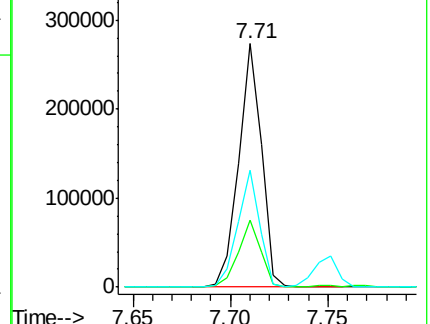
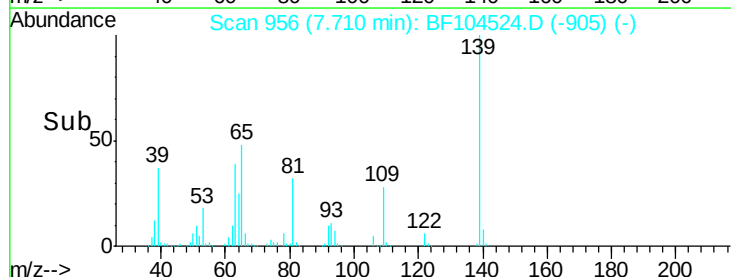
65 47.9 40.5 60.7

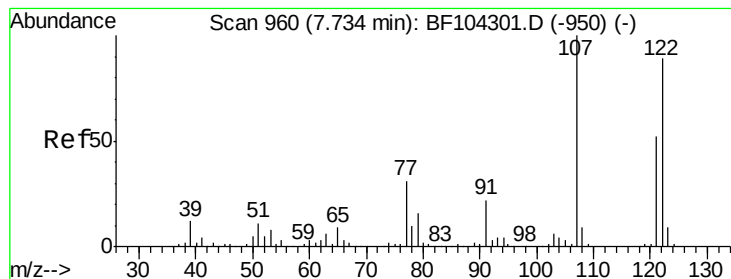


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 35.726 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

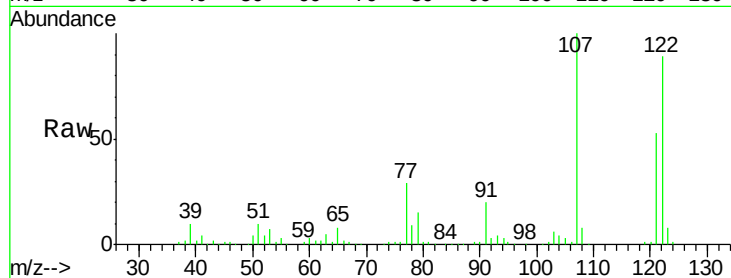
Tot Ion:122 Resp: 325527

Ion Ratio Lower Upper

122 100

107 111.9 91.2 136.8

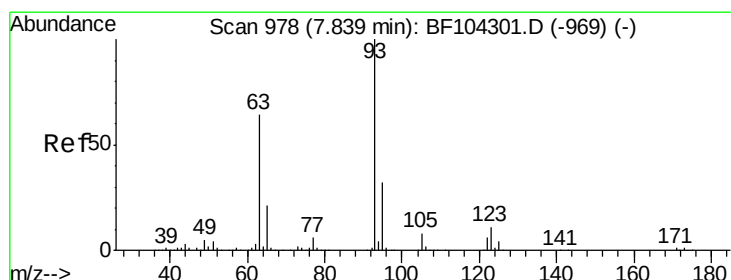
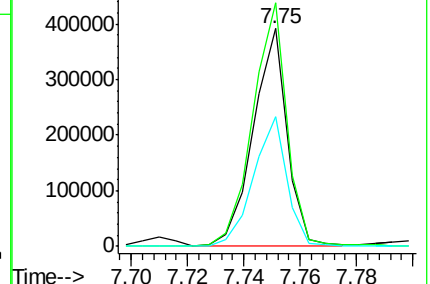
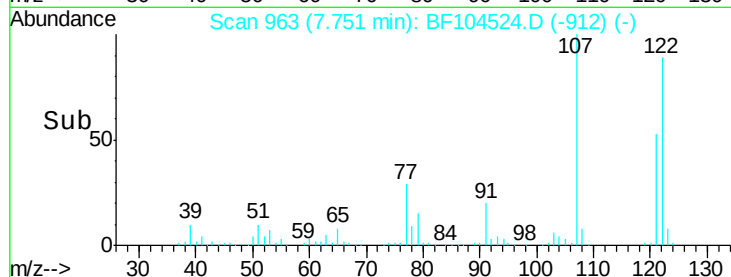
121 59.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.859 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

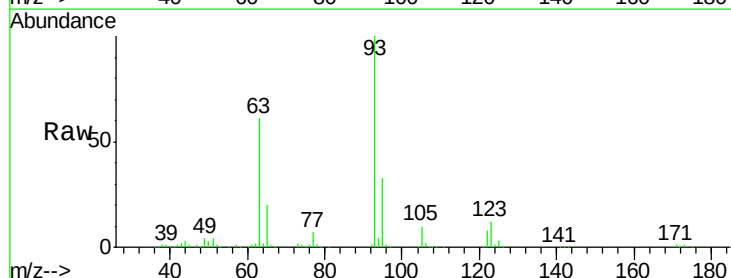
Tgt Ion: 93 Resp: 477900

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

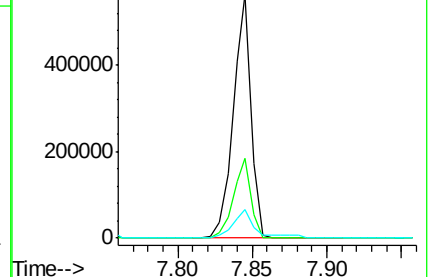
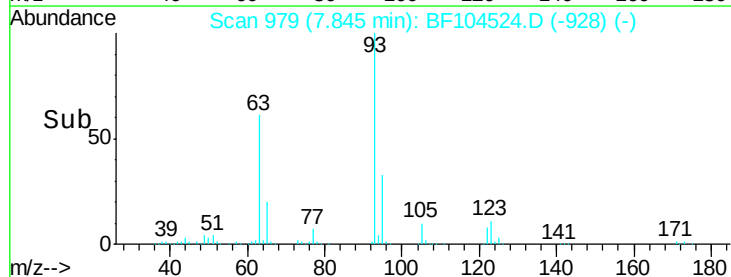
123 11.5 9.8 14.6

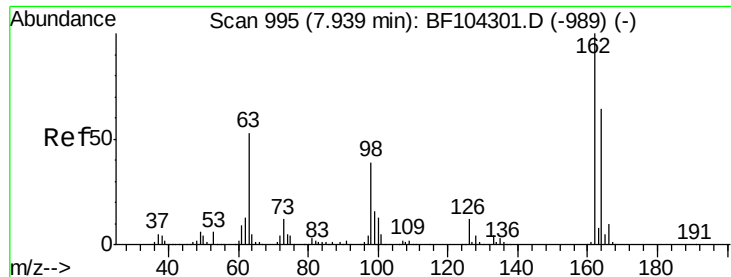


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

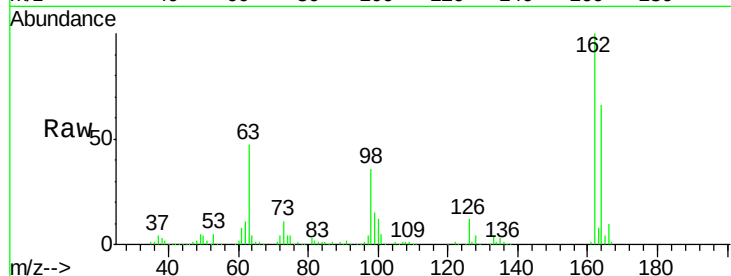




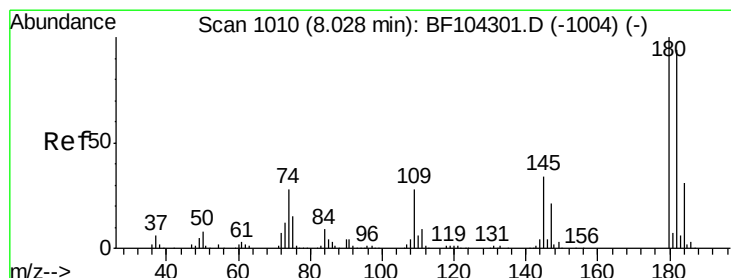
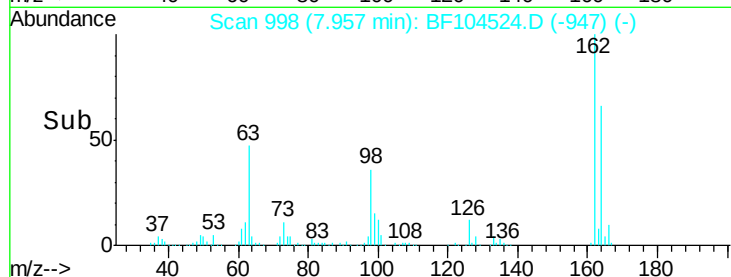
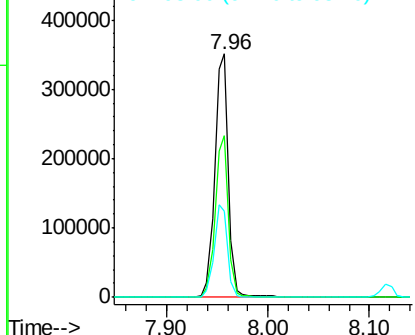
#29
2,4-Dichlorophenol
Concen: 37.560 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	42.7	82.7
98	35.6	18.1	58.1

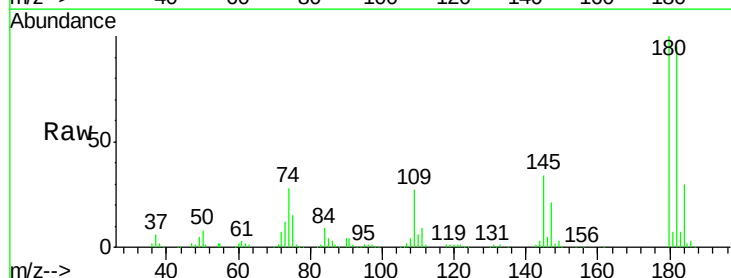


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

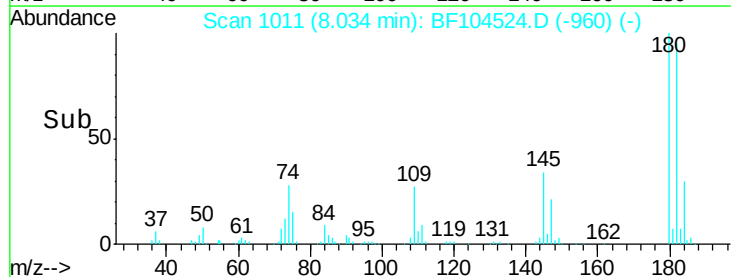
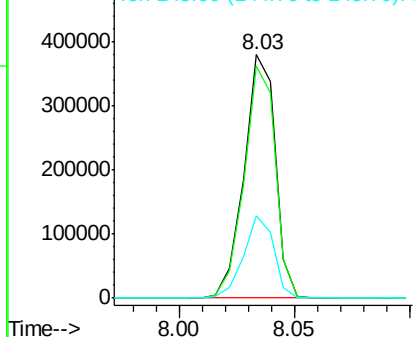


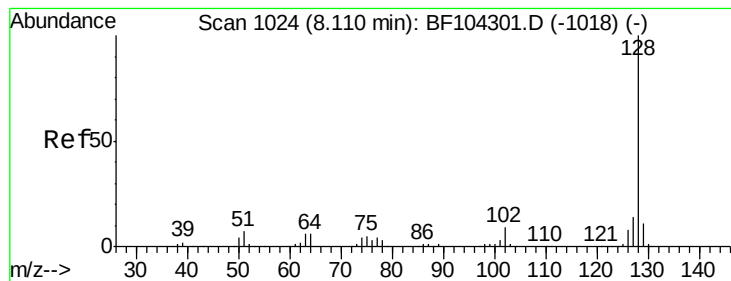
#30
1,2,4-Trichlorobenzene
Concen: 37.664 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.8	115.2
145	33.6	26.5	39.7



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





#31

Naphthalene

Concen: 37.076 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

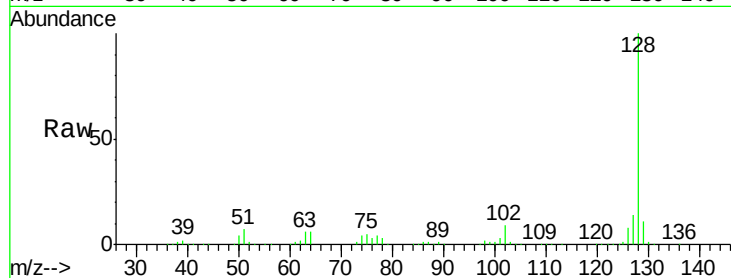
Tot Ion:128 Resp: 1177001

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

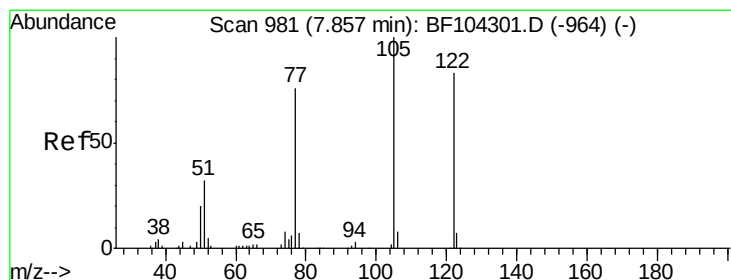
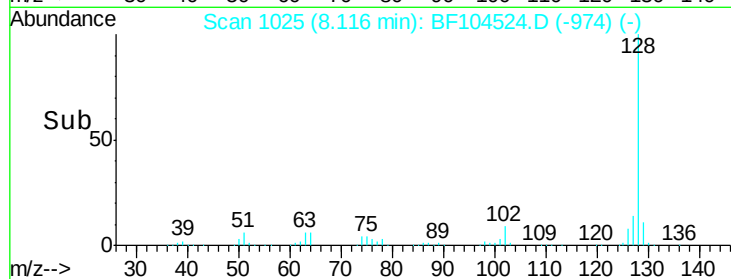
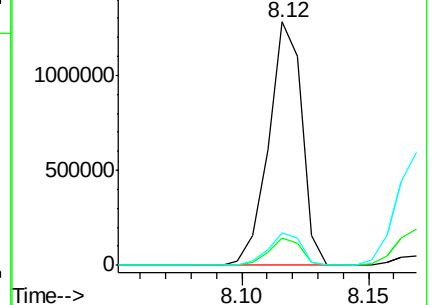
127 13.5 10.9 16.3



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: 41.727 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

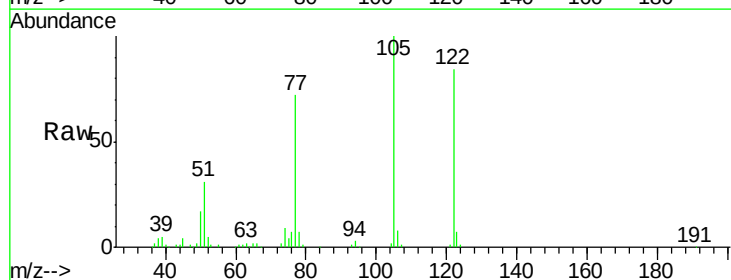
Tgt Ion:122 Resp: 303361

Ion Ratio Lower Upper

122 100

105 119.7 101.1 141.1

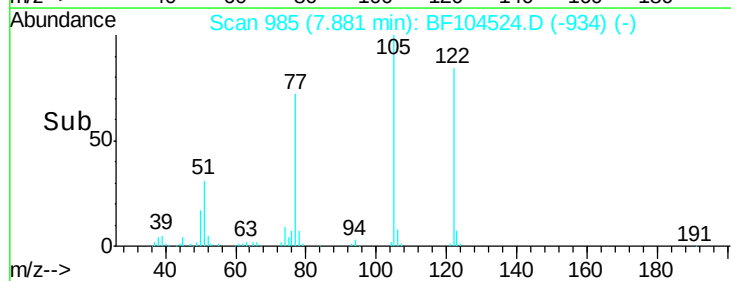
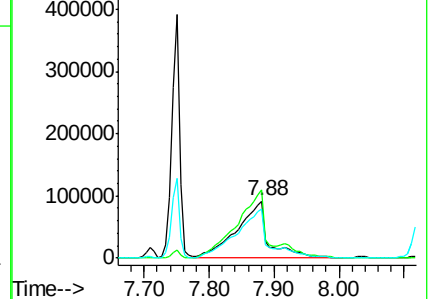
77 86.3 70.7 110.7

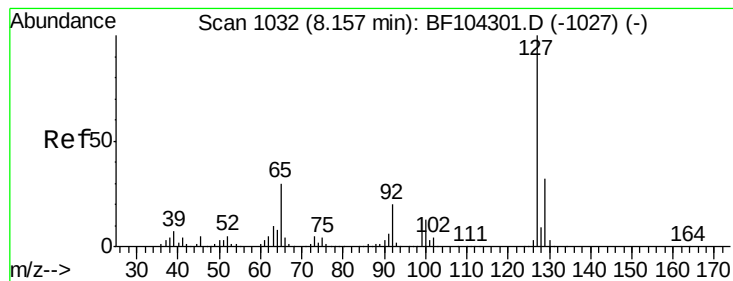


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 37.824 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 514418

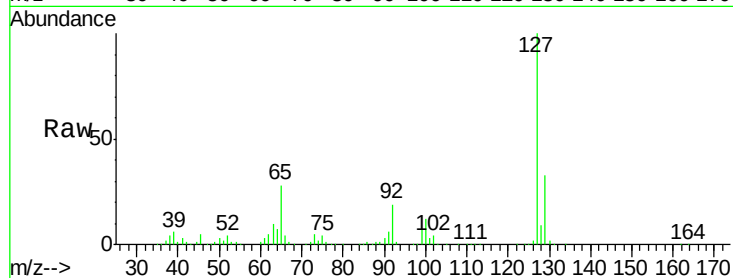
Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 27.6 25.0 37.4

92 18.9 15.2 22.8

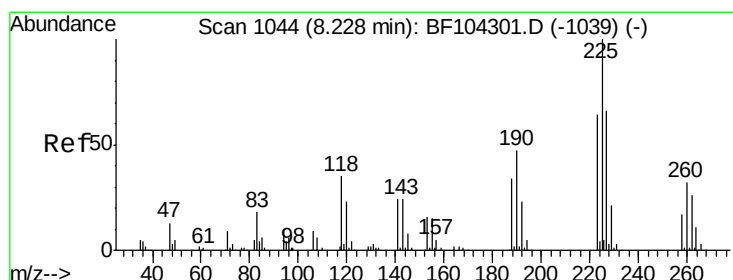
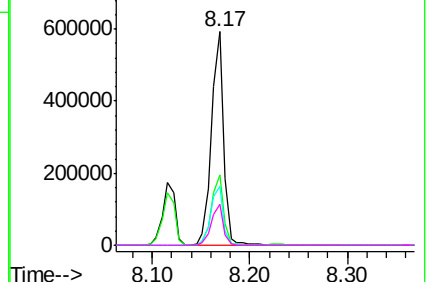
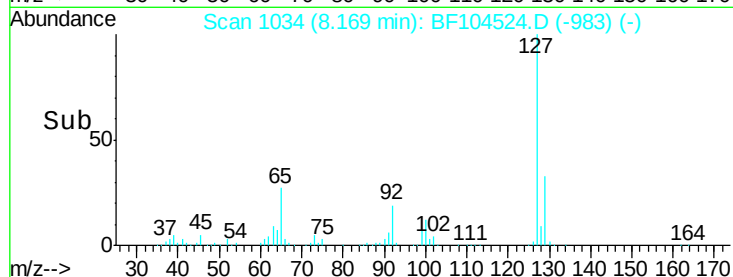


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 37.552 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

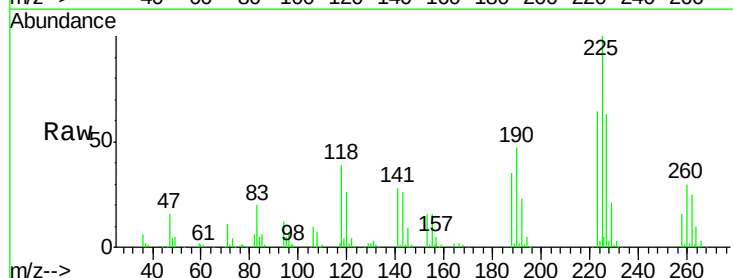
Tgt Ion:225 Resp: 196251

Ion Ratio Lower Upper

225 100

223 63.6 50.6 76.0

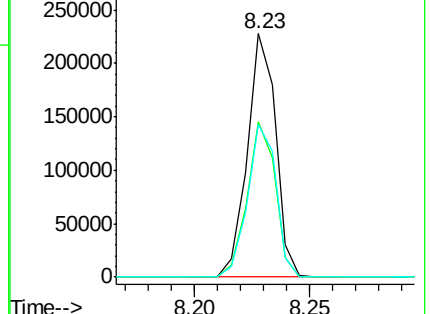
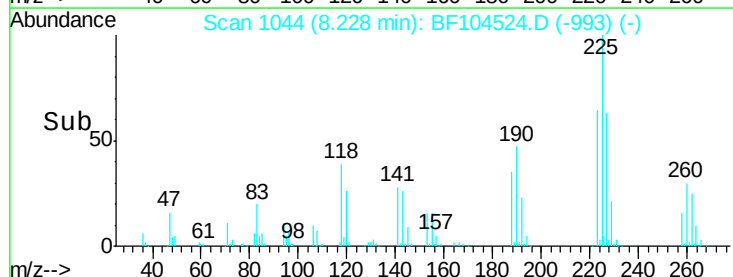
227 63.0 51.9 77.9

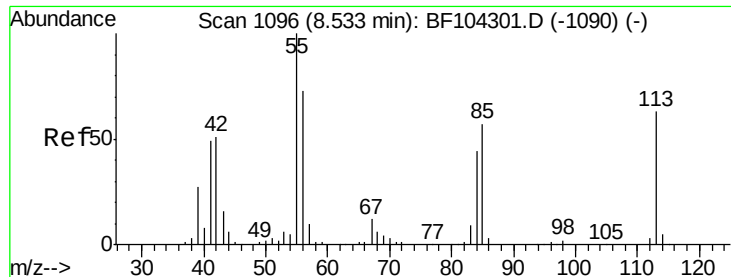


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

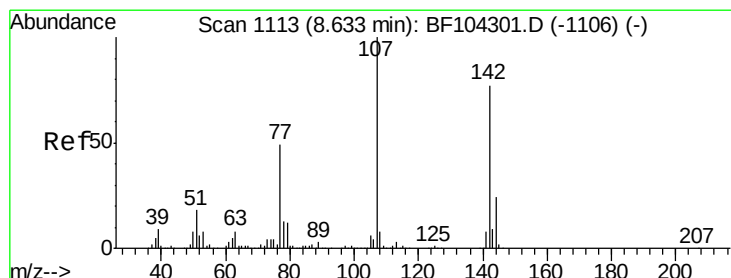
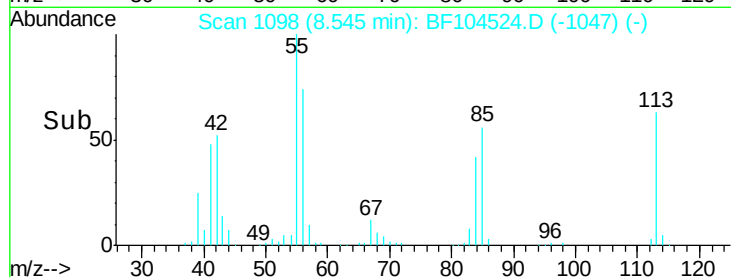
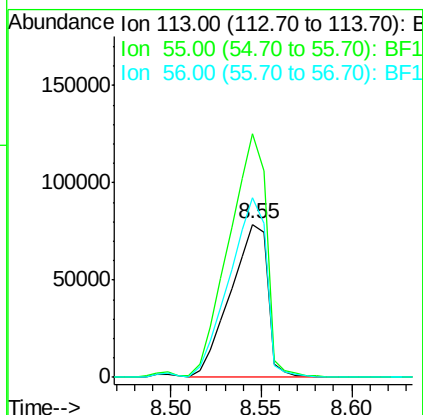
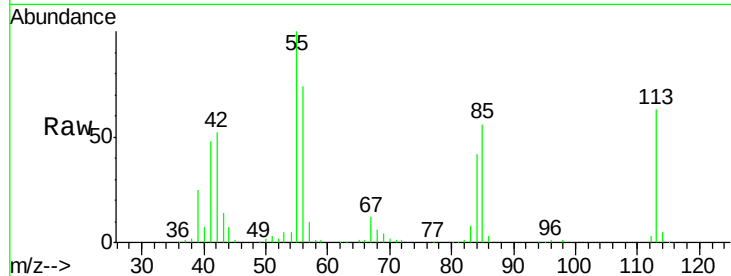




#35
Caprolactam
Concen: 37.157 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

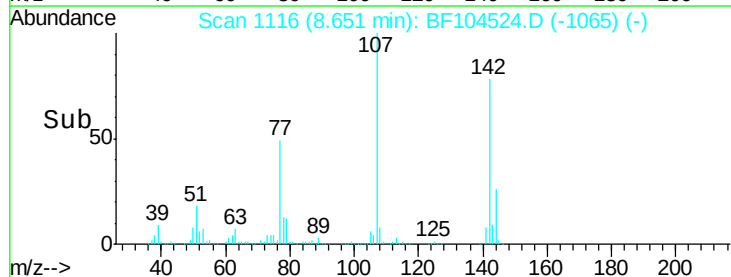
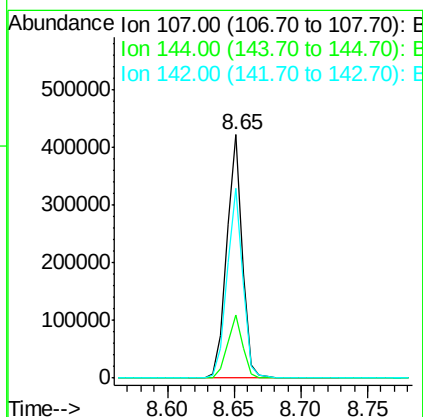
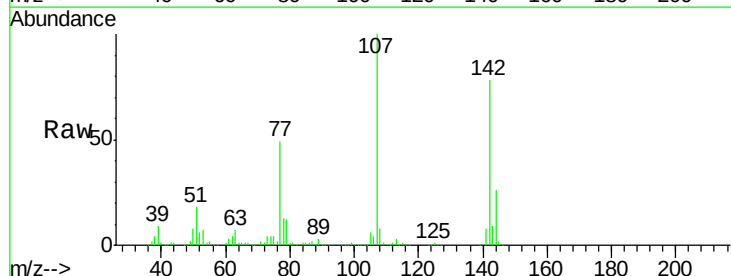
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

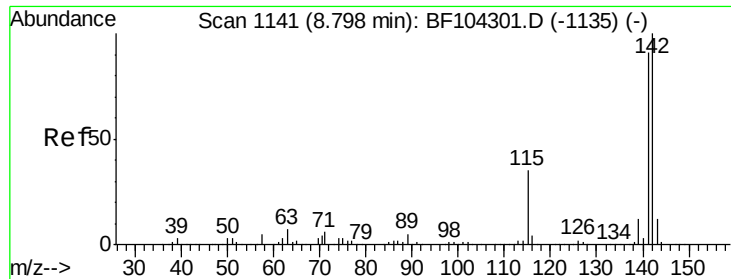
Tot Ion:113 Resp: 112691
Ion Ratio Lower Upper
113 100
55 159.3 163.3 203.3#
56 117.9 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 37.357 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Tgt Ion:107 Resp: 348244
Ion Ratio Lower Upper
107 100
144 25.9 20.5 30.7
142 78.1 62.0 93.0

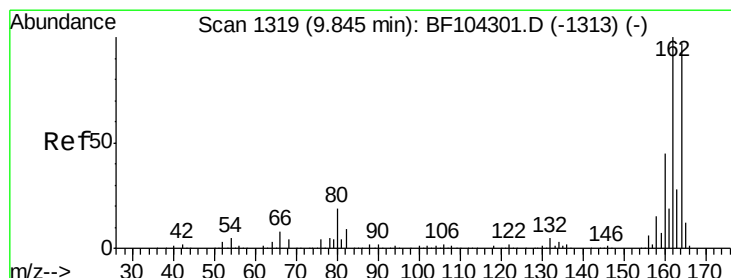
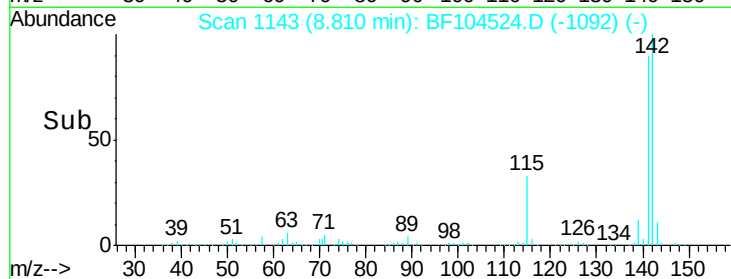
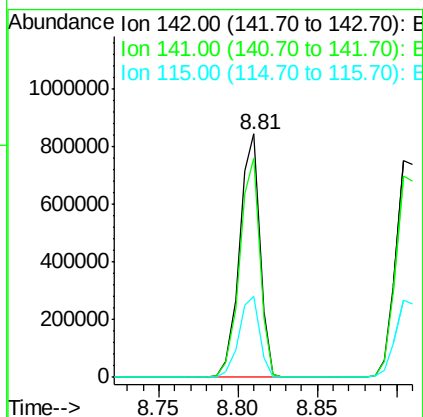
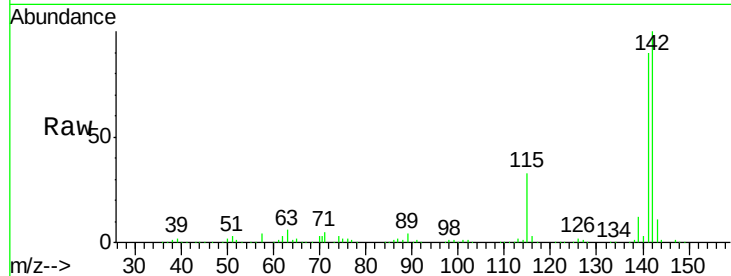




#37
 2-Methylnaphthalene
 Concen: 36.727 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

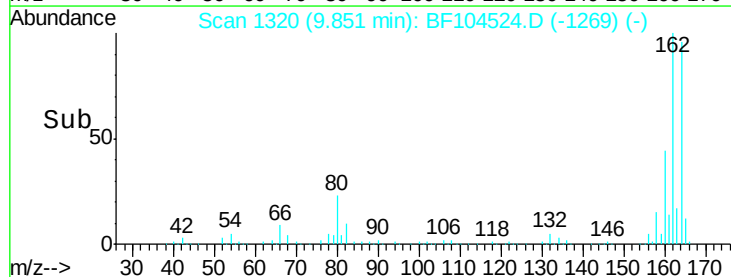
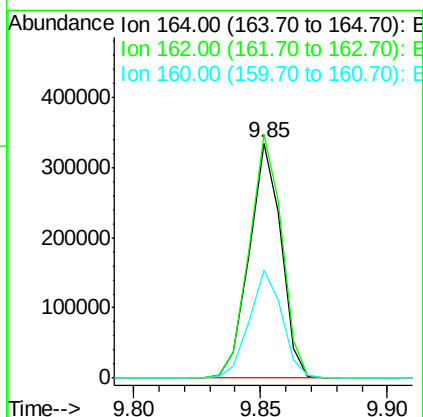
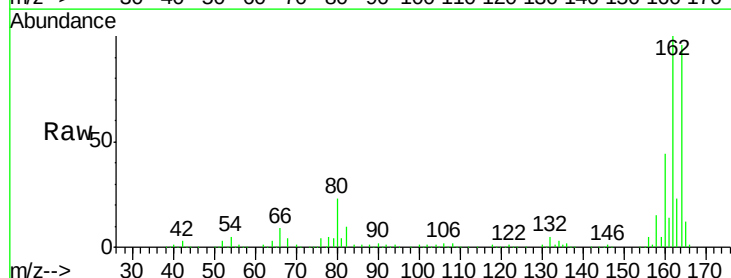
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

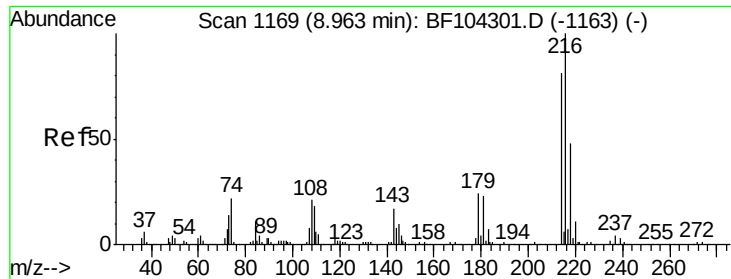
Tot Ion:142 Resp: 754165
 Ion Ratio Lower Upper
 142 100
 141 90.2 70.8 106.2
 115 33.1 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Tgt Ion:164 Resp: 293001
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 45.8 38.3 57.5

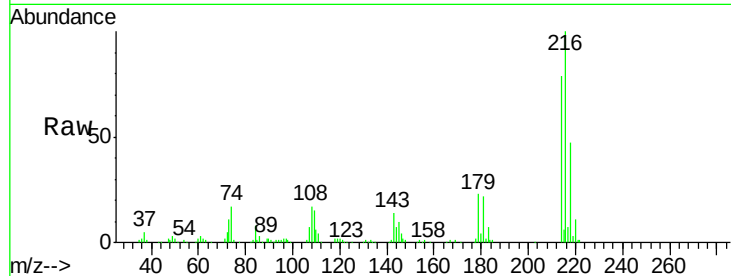




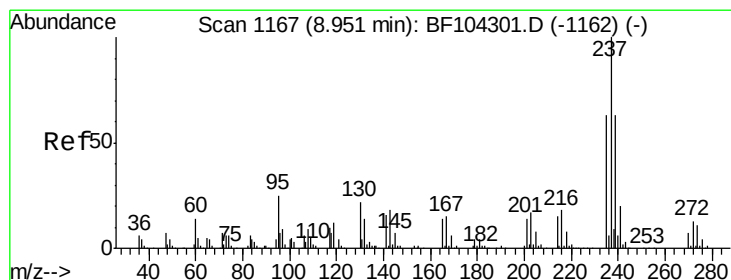
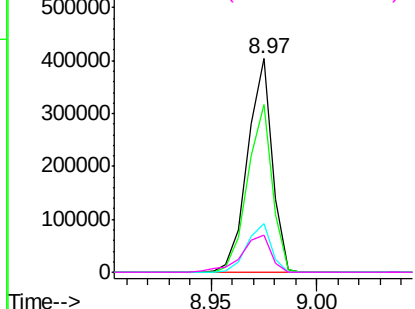
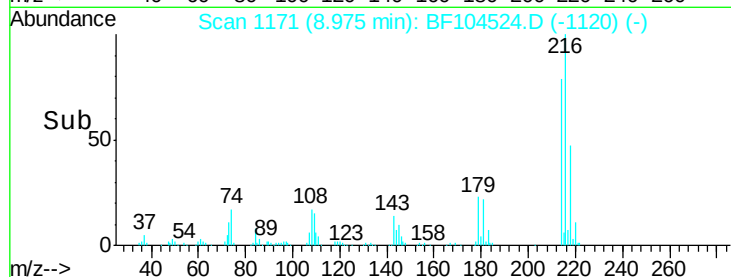
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.976 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:216	Resp:	326910
Ion Ratio	Lower	Upper
216	100	
214	78.6	63.0 94.4
179	22.6	18.1 27.1
108	20.5	17.2 25.8

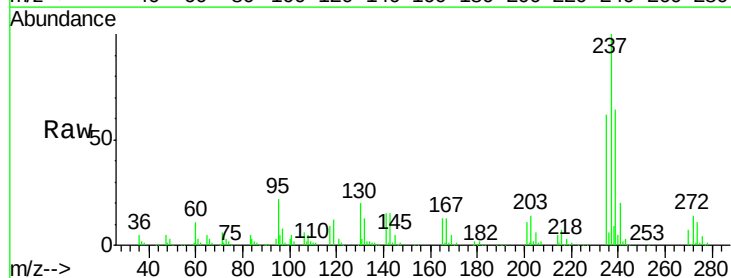


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

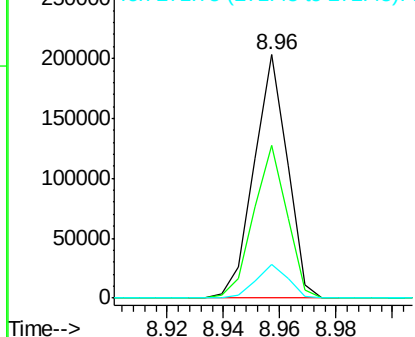
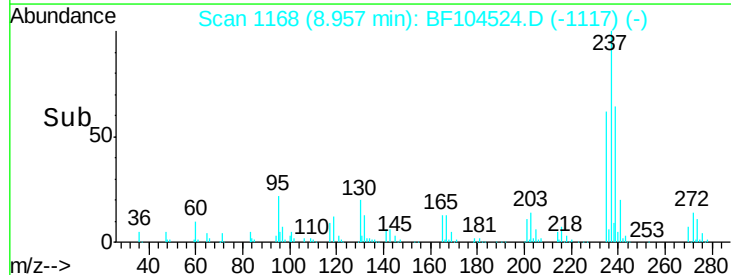


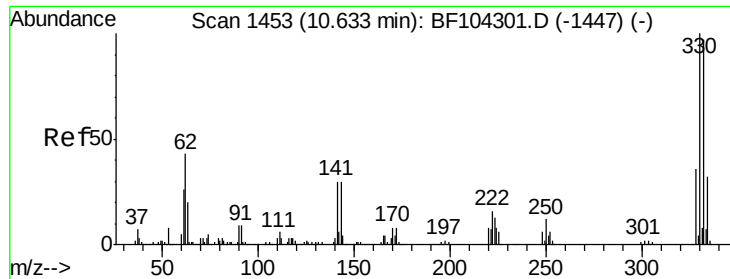
#40
 Hexachlorocyclopentadiene
 Concen: 35.356 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Tgt Ion:237	Resp:	166014
Ion Ratio	Lower	Upper
237	100	
235	62.5	44.8 84.8
272	13.9	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

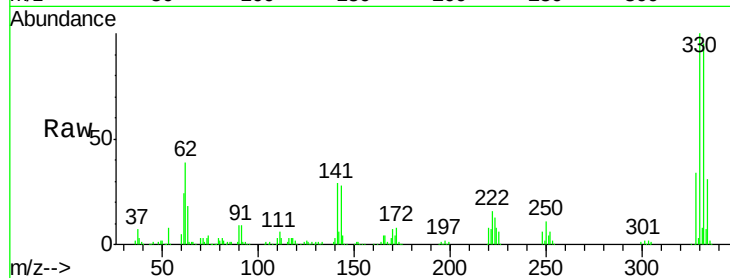




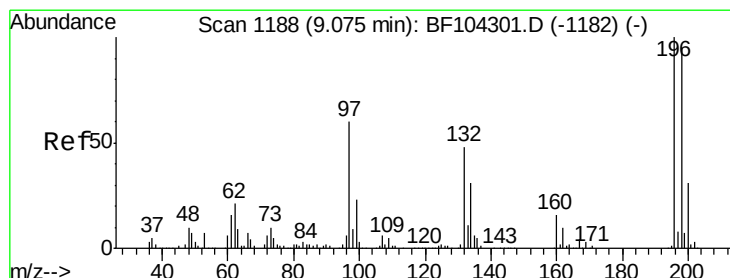
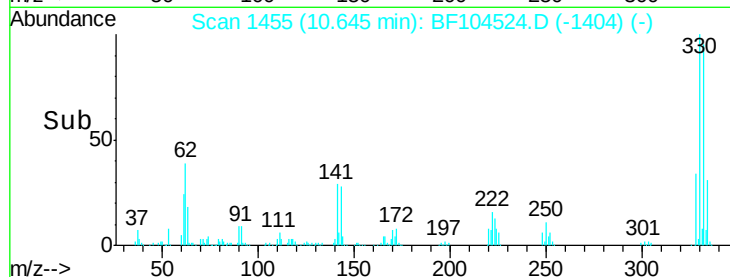
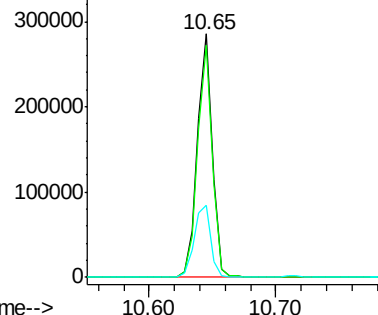
#41
 2,4,6-Tribromophenol
 Concen: 77.412 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 235284
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 33.1 29.9 44.9

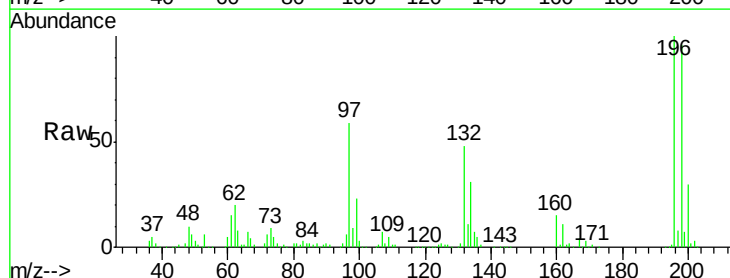


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

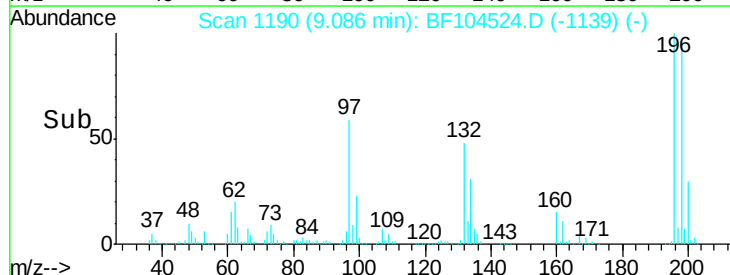
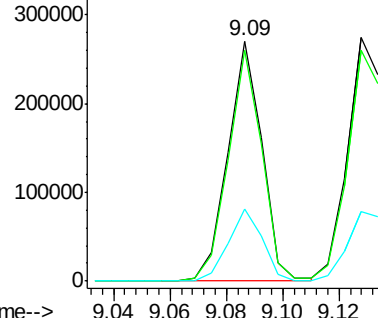


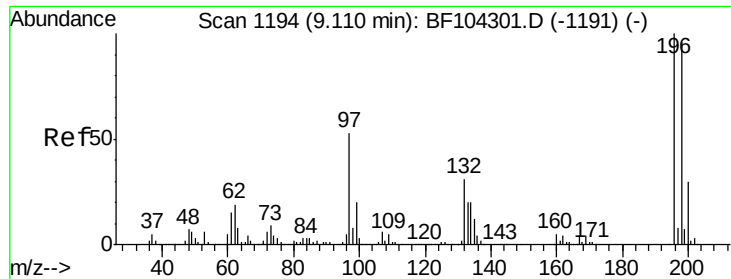
#42
 2,4,6-Trichlorophenol
 Concen: 38.837 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Tgt Ion:196 Resp: 226122
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 30.1 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

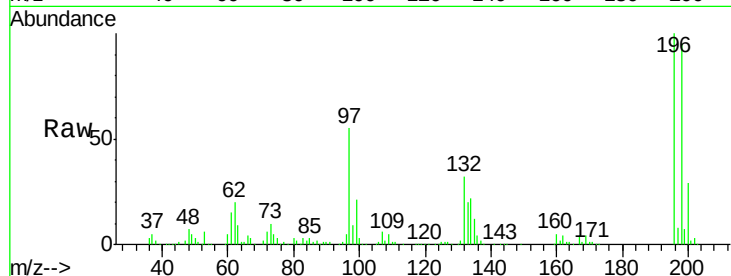




#43
 2,4,5-Trichlorophenol
 Concen: 38.972 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.6	112.0
97	55.2	42.9	64.3
132	31.6	26.3	39.5



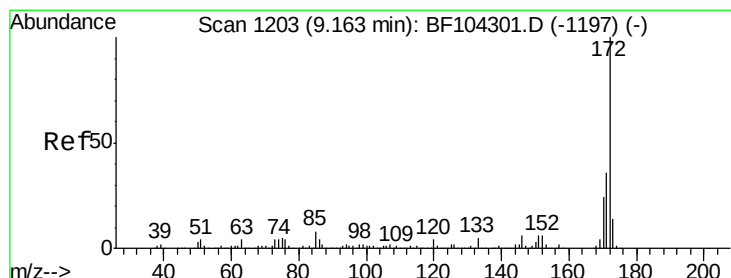
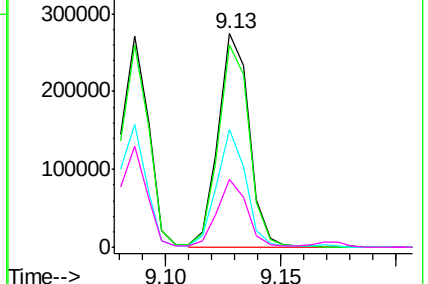
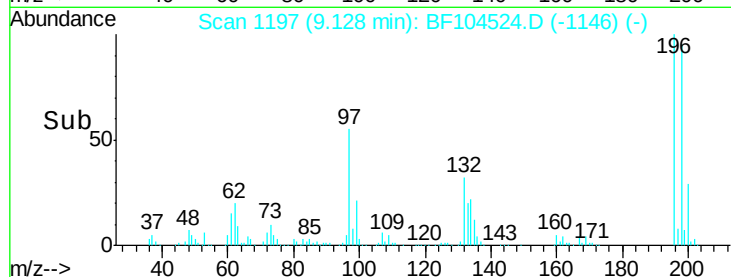
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

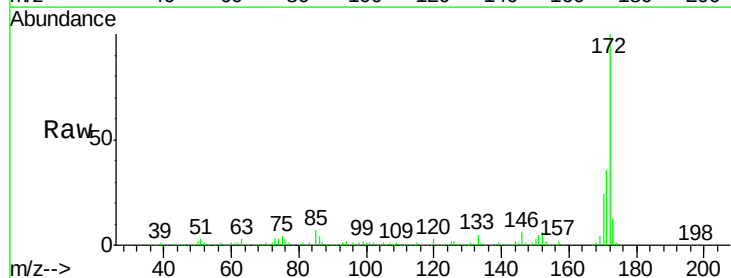
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.156 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	19.6	29.4

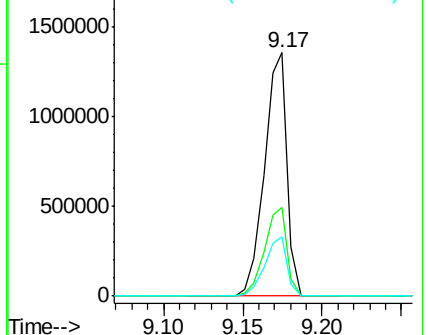
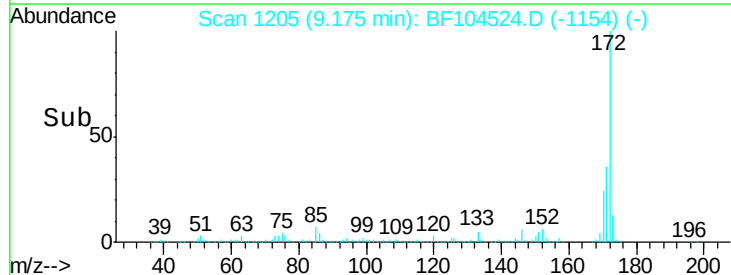


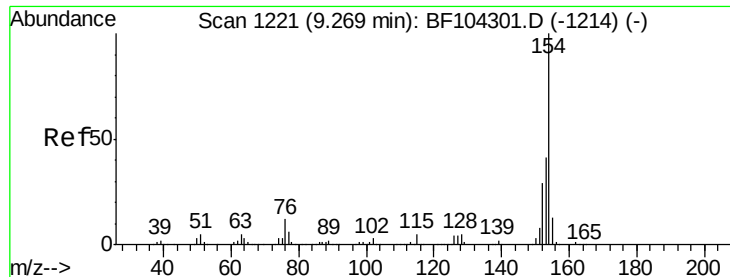
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.988 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

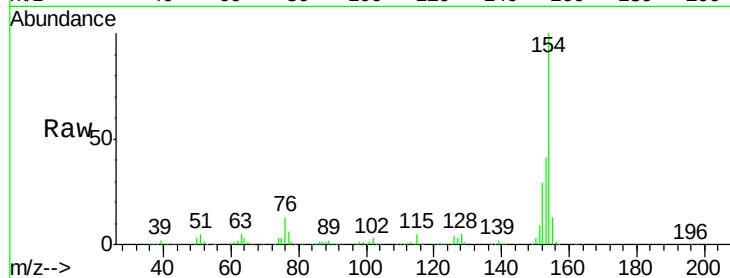
Tot Ion:154 Resp: 910422

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

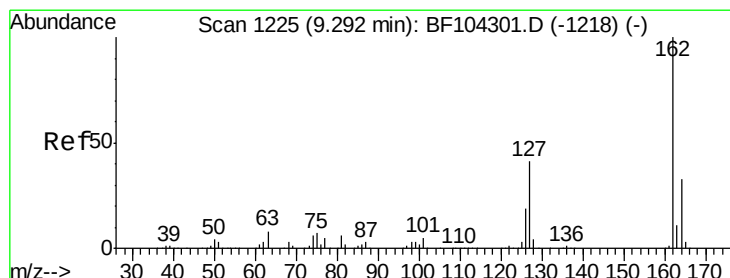
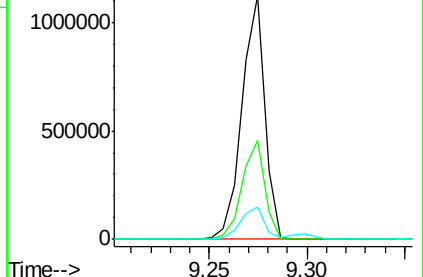
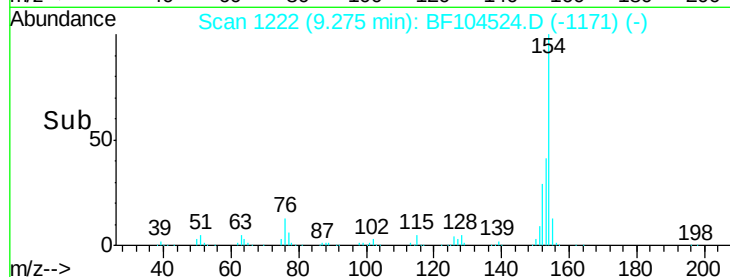
76 13.2 0.0 34.0



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: 37.696 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

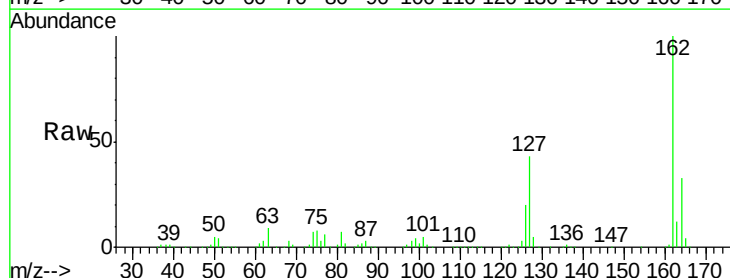
Tgt Ion:162 Resp: 732888

Ion Ratio Lower Upper

162 100

127 42.7 33.9 50.9

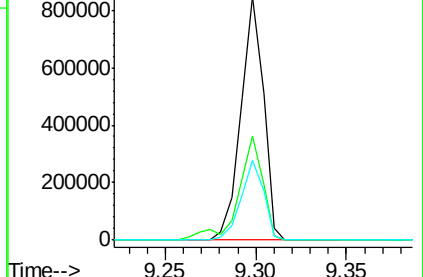
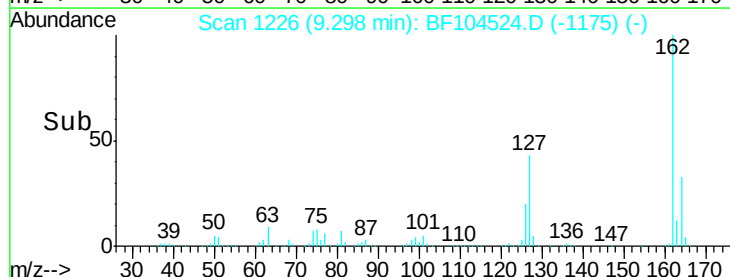
164 32.9 26.5 39.7

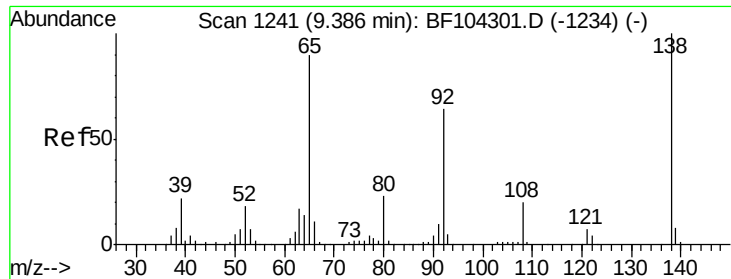


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

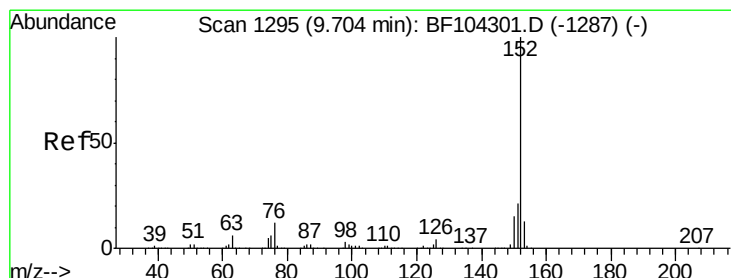
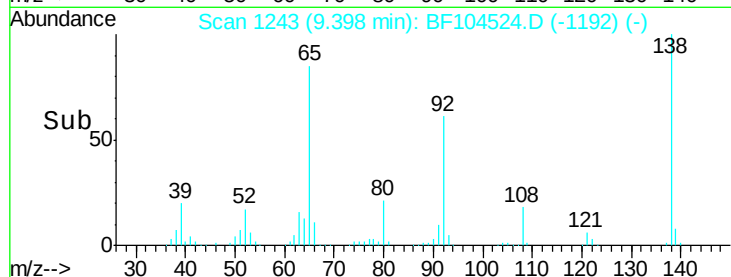
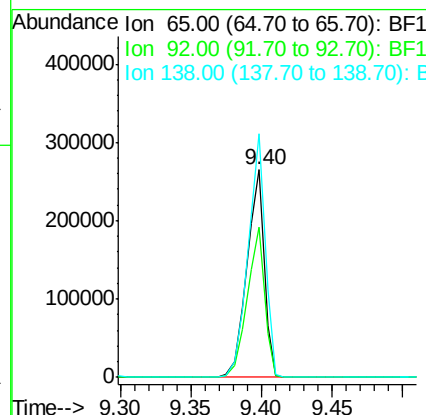
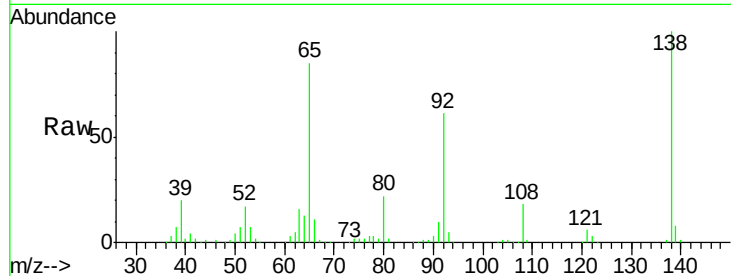




#47
 2-Nitroaniline
 Concen: 47.503 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

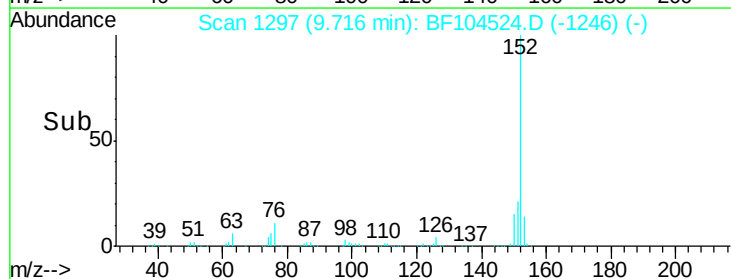
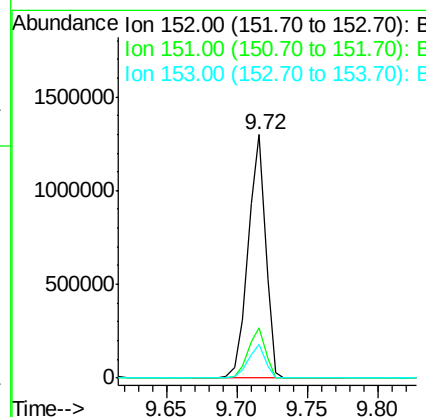
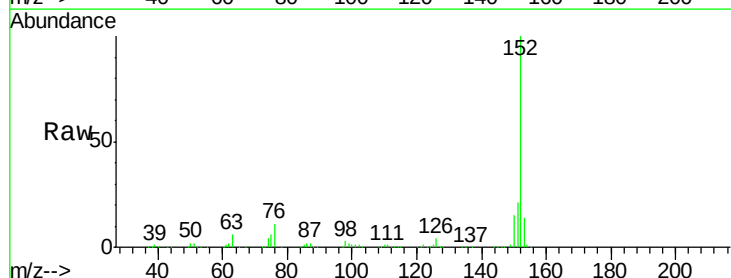
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

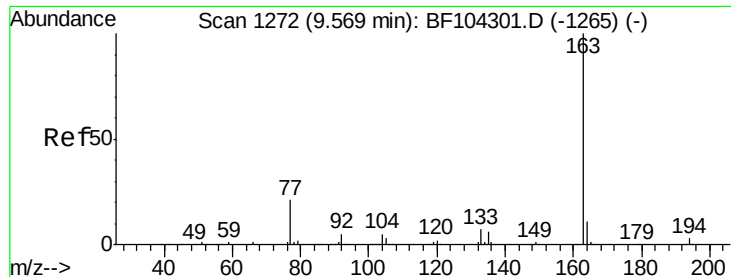
Tot Ion: 65 Resp: 228396
 Ion Ratio Lower Upper
 65 100
 92 72.1 55.8 83.6
 138 117.3 91.2 136.8



#48
 Acenaphthylene
 Concen: 36.570 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Tgt Ion: 152 Resp: 1115526
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 13.7 10.7 16.1

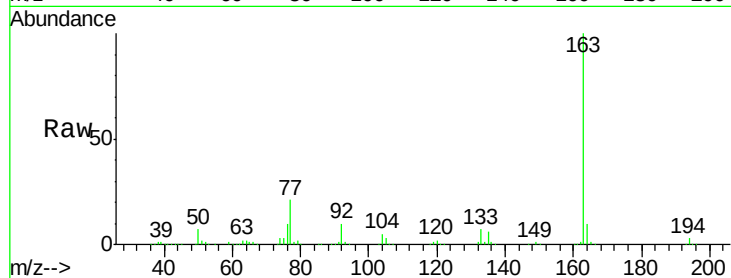




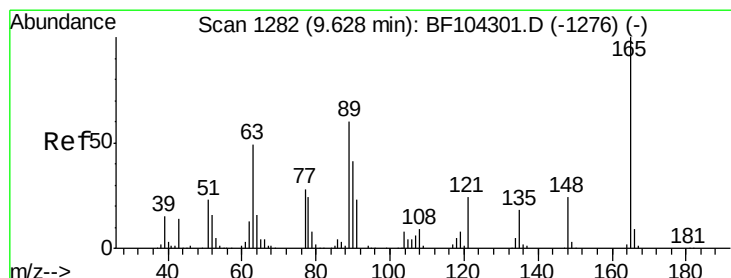
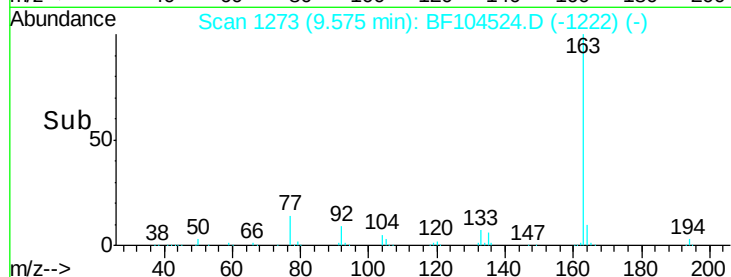
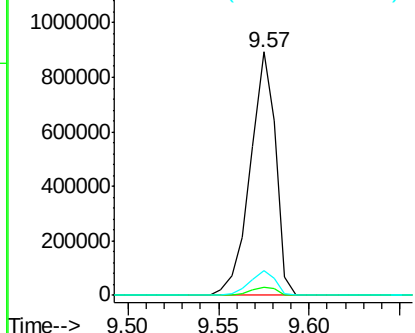
#49
Dimethylphthalate
Concen: 37.519 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 866883
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.4 8.2 12.2

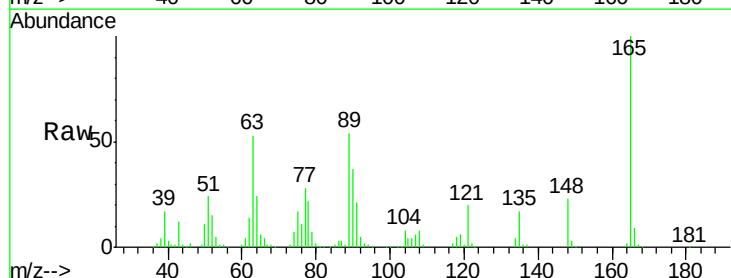


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

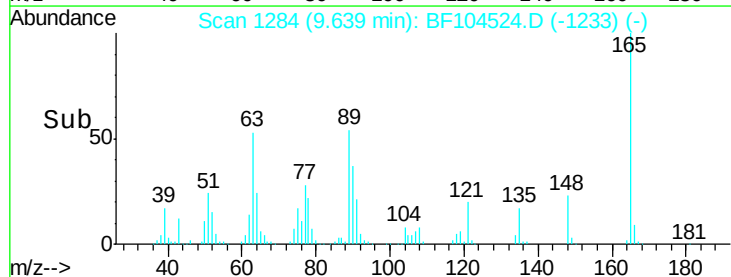
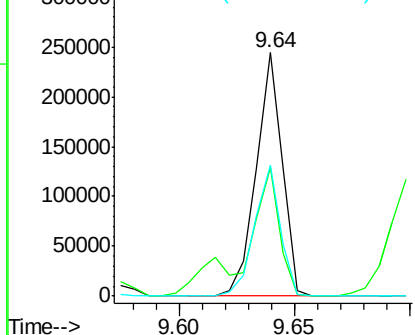


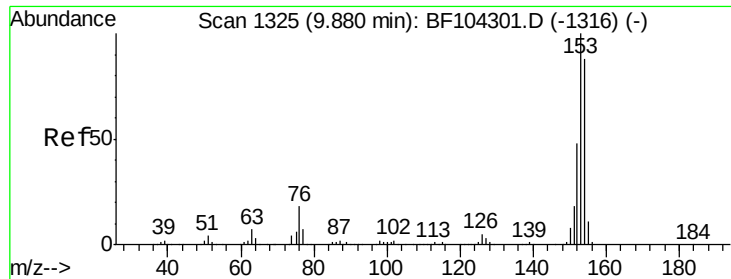
#50
2,6-Dinitrotoluene
Concen: 45.119 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Tgt Ion:165 Resp: 192900
Ion Ratio Lower Upper
165 100
63 52.7 44.7 67.1
89 53.9 44.0 66.0



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





#51

Acenaphthene

Concen: 35.308 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

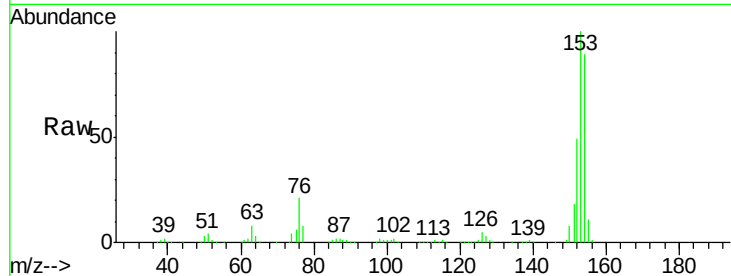
Tot Ion:154 Resp: 657132

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

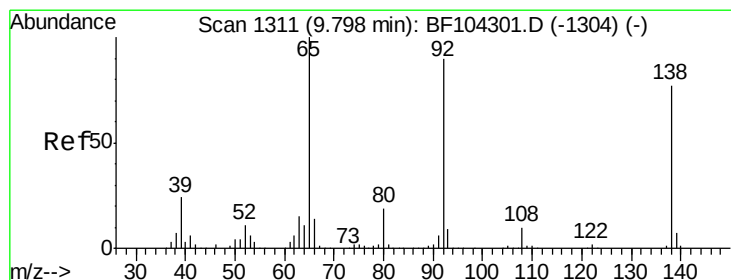
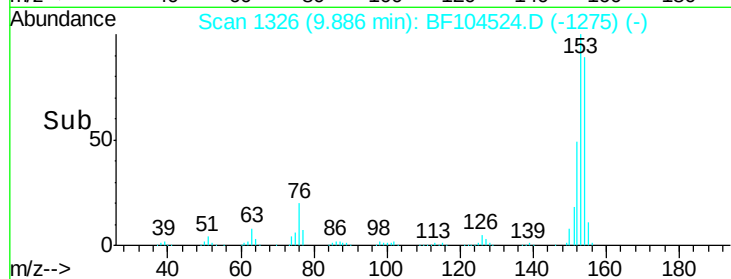
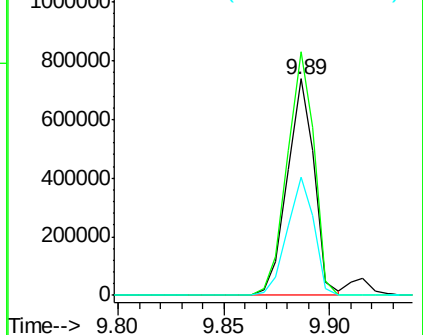
152 54.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.929 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

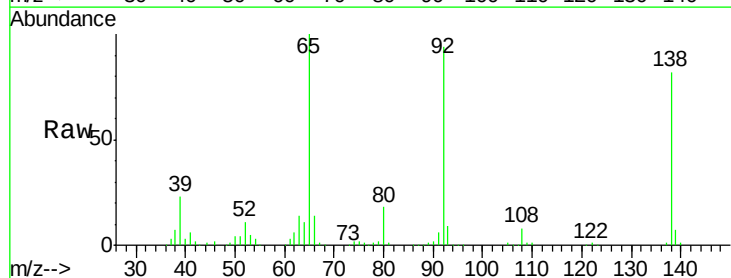
Tgt Ion:138 Resp: 224879

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

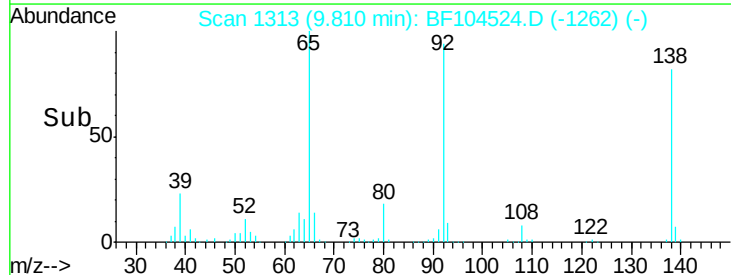
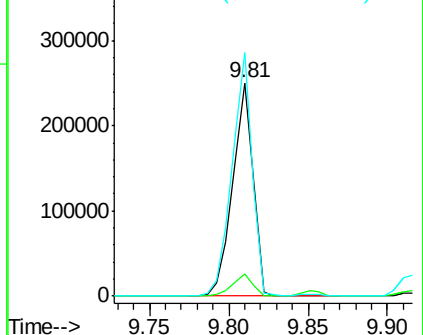
92 114.1 89.4 134.2

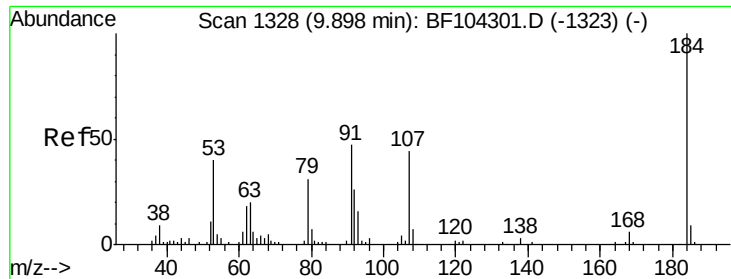


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

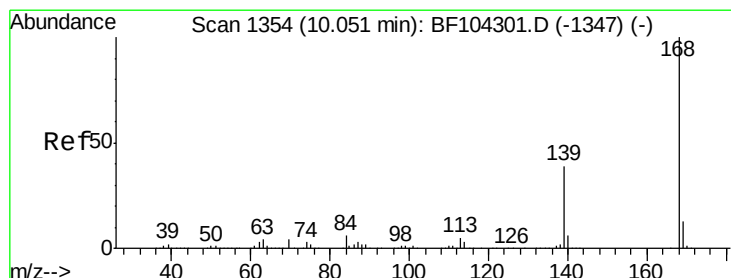
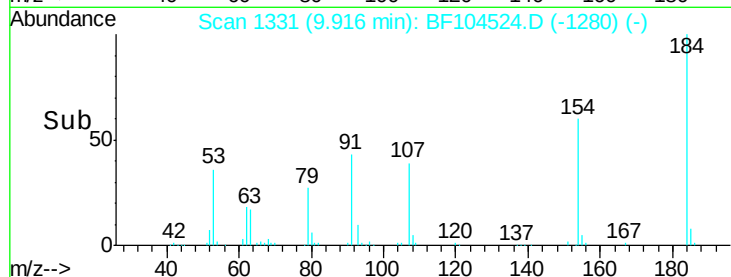
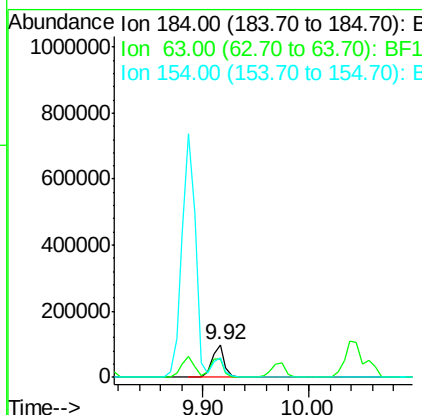
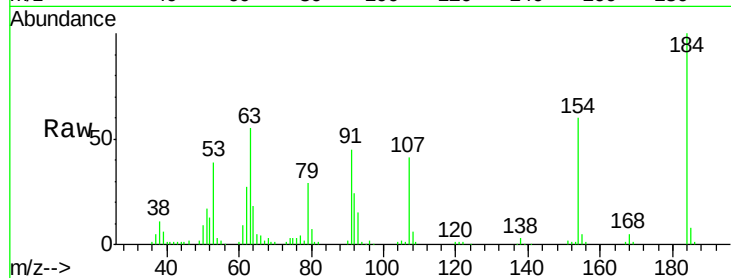




#53
 2,4-Dinitrophenol
 Concen: 55.771 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

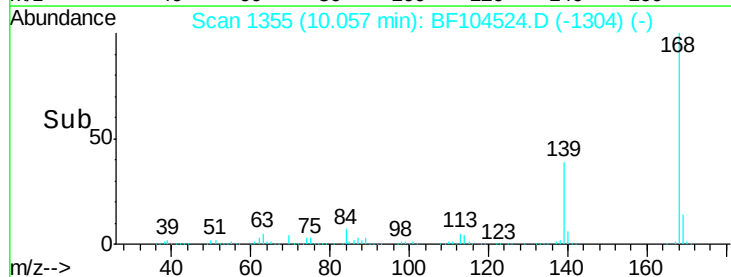
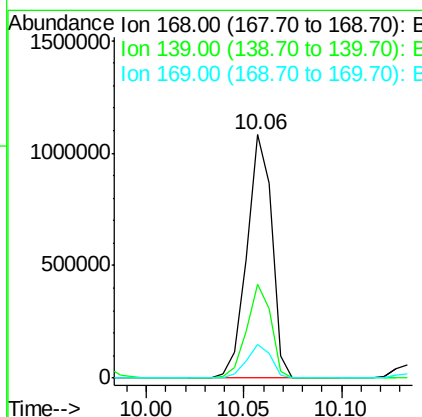
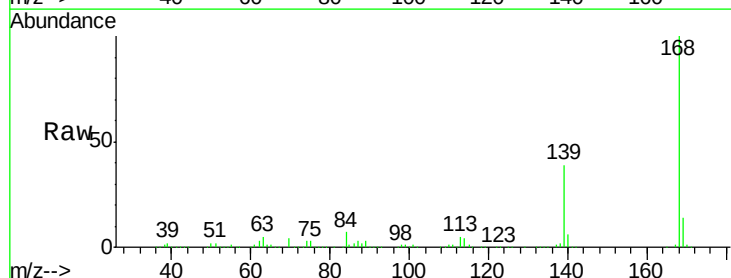
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

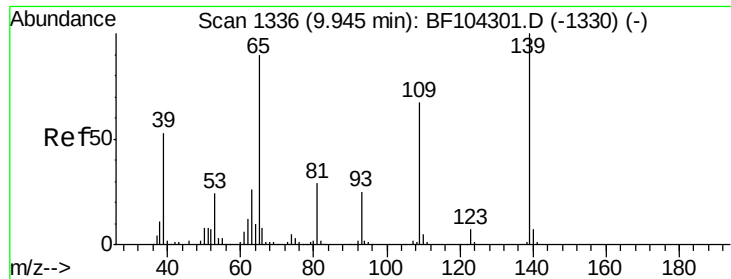
Tot Ion:184 Resp: 83707
 Ion Ratio Lower Upper
 184 100
 63 55.2 54.2 81.2
 154 59.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 36.900 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Tgt Ion:168 Resp: 957090
 Ion Ratio Lower Upper
 168 100
 139 38.5 30.1 45.1
 169 13.7 10.9 16.3

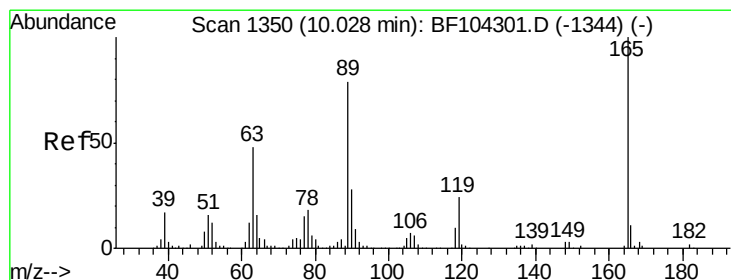
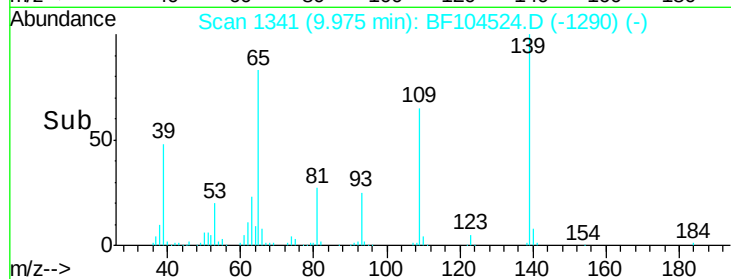
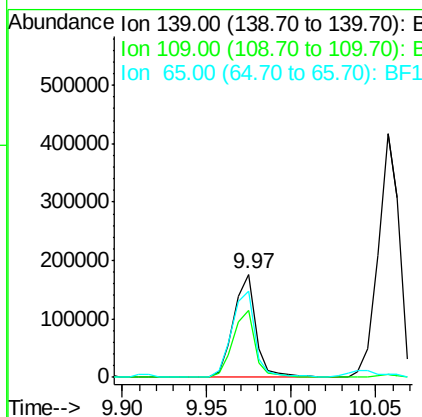
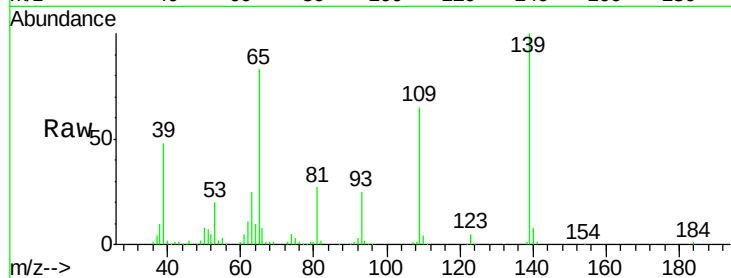




#55
4-Nitrophenol
Concen: 41.493 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

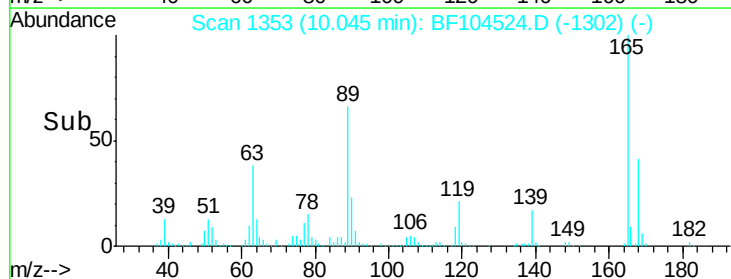
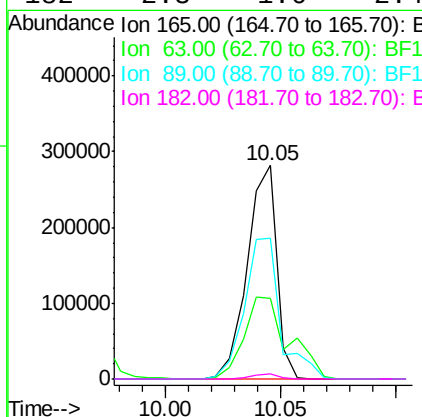
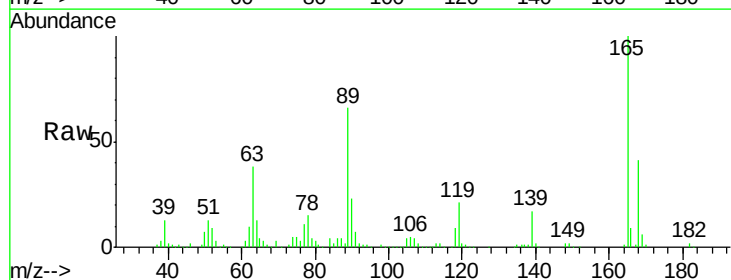
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

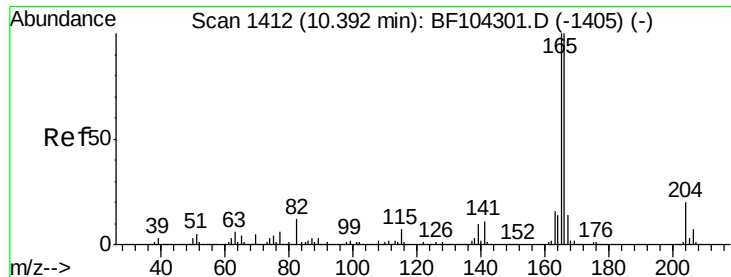
Tot Ion:139 Resp: 163140
Ion Ratio Lower Upper
139 100
109 64.9 48.4 88.4
65 83.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.042 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Tgt Ion:165 Resp: 252599
Ion Ratio Lower Upper
165 100
63 37.8 36.4 54.6
89 65.9 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 37.836 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

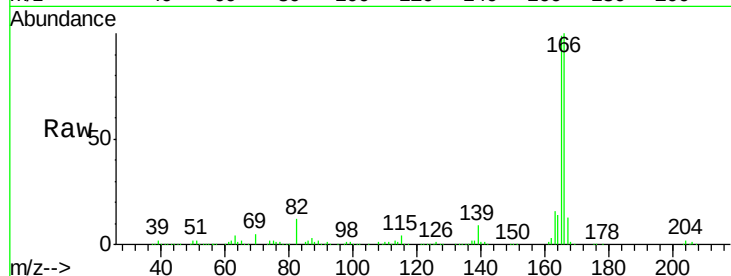
Tot Ion:166 Resp: 714295

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

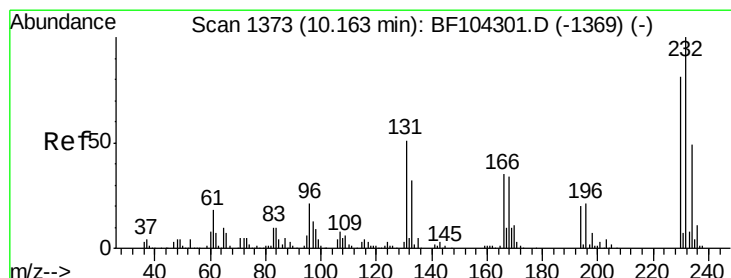
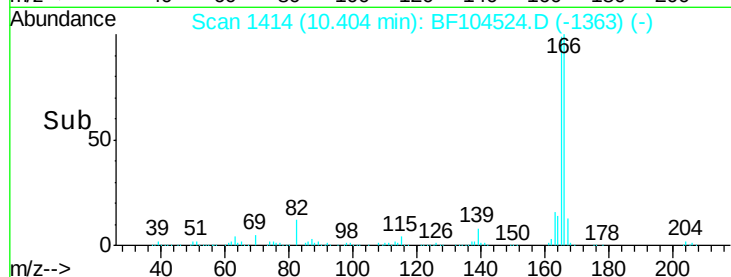
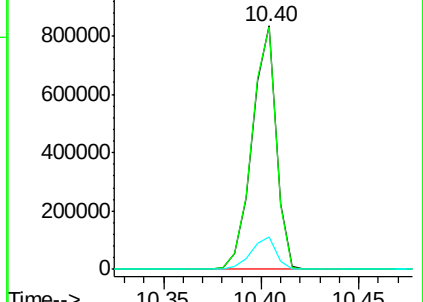
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.964 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

Tgt Ion:232 Resp: 184538

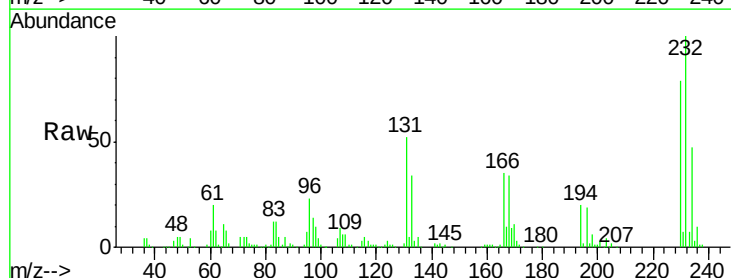
Ion Ratio Lower Upper

232 100

131 50.5 43.8 65.8

130 2.4 2.1 3.1

166 33.6 27.8 41.6

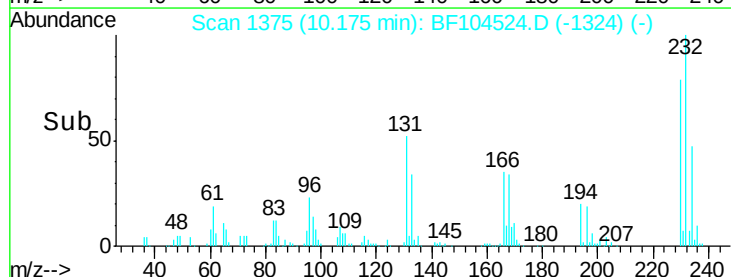
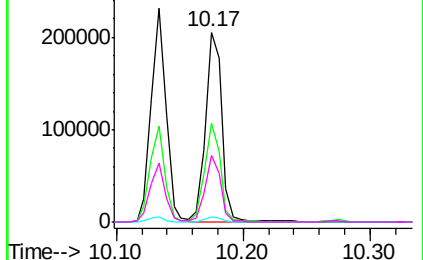


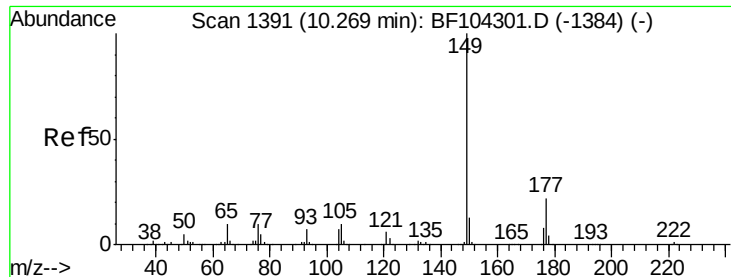
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.513 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

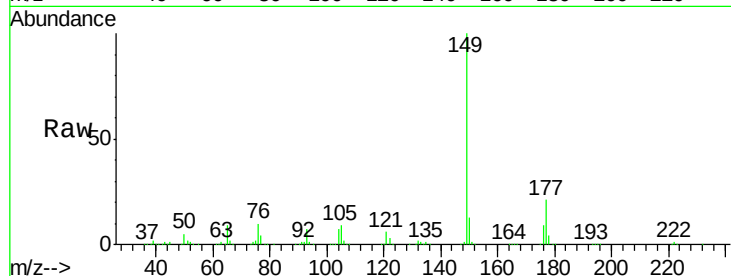
Tot Ion:149 Resp: 840206

Ion Ratio Lower Upper

149 100

177 21.2 16.1 24.1

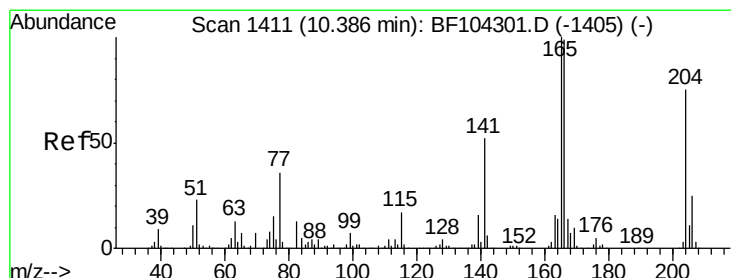
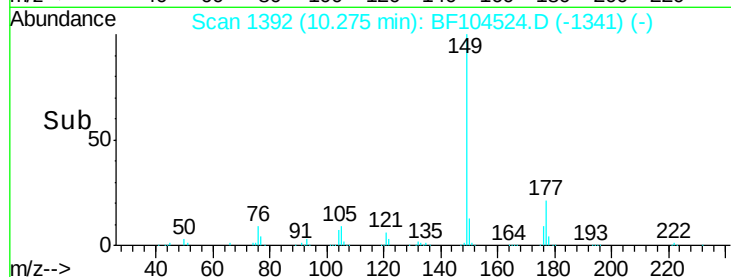
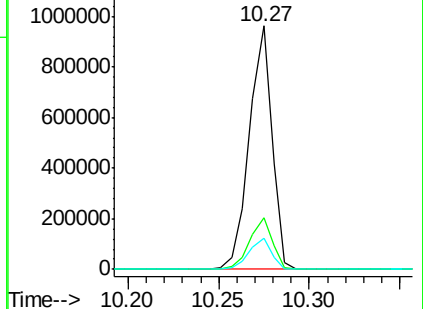
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.935 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

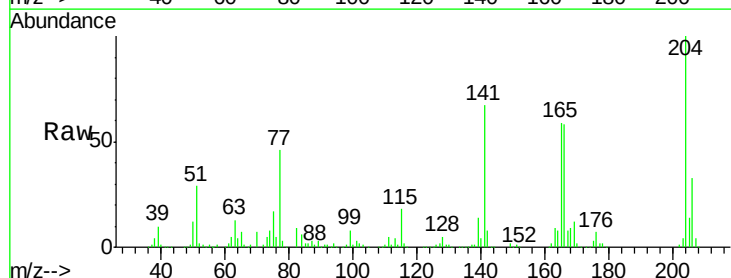
Tgt Ion:204 Resp: 327349

Ion Ratio Lower Upper

204 100

206 33.3 26.5 39.7

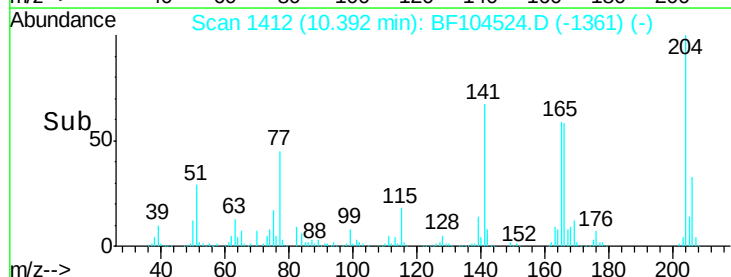
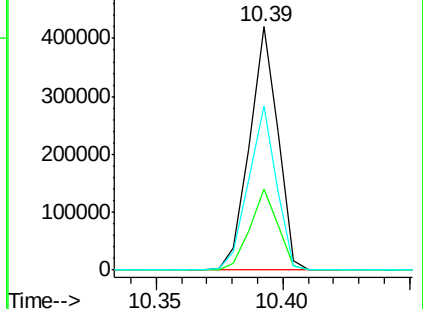
141 67.4 54.6 81.8

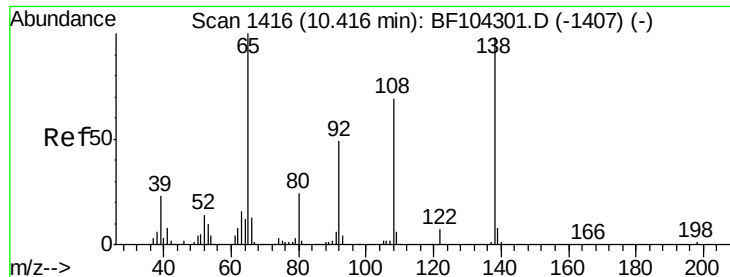


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

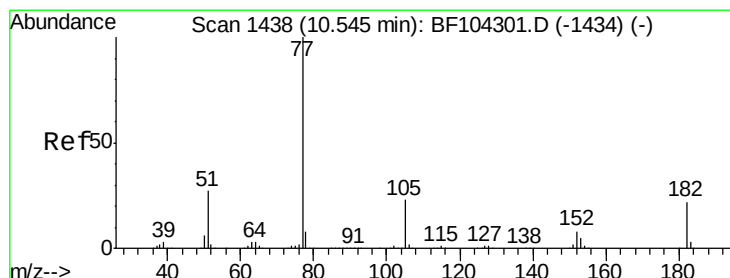
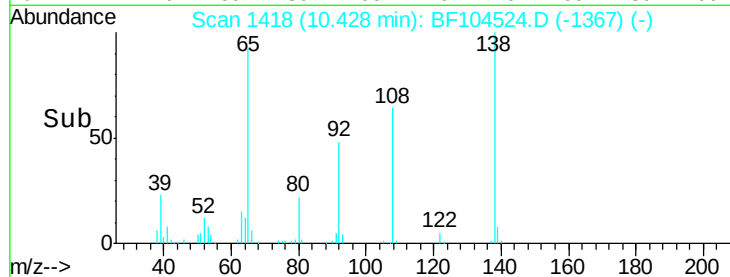
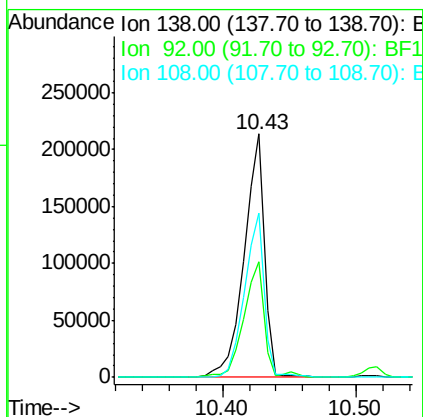
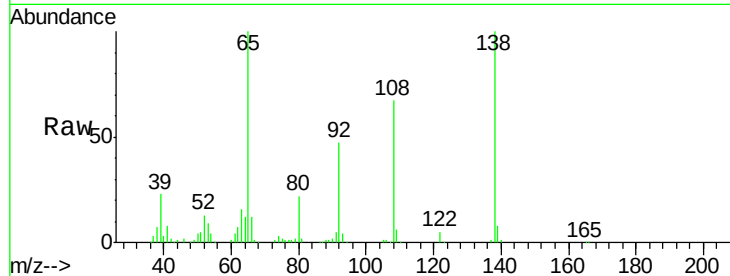




#61
4-Nitroaniline
Concen: 45.813 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

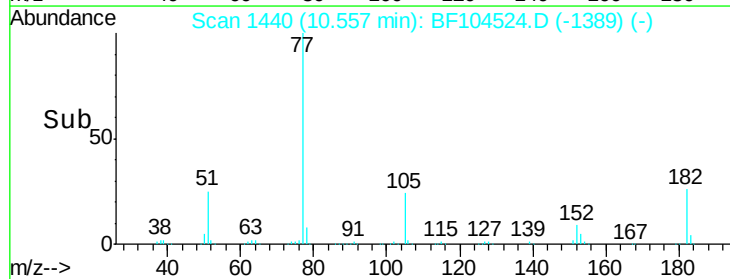
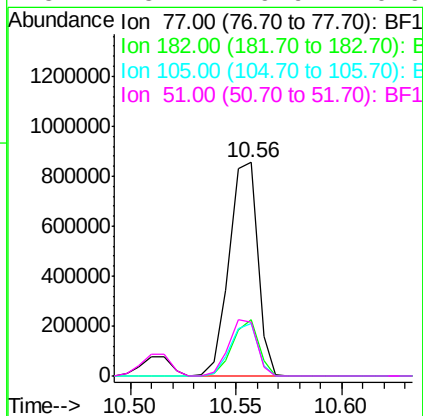
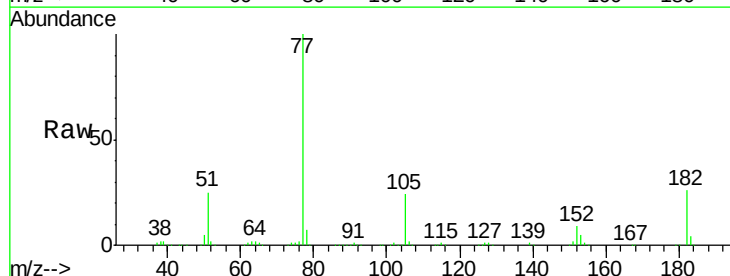
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

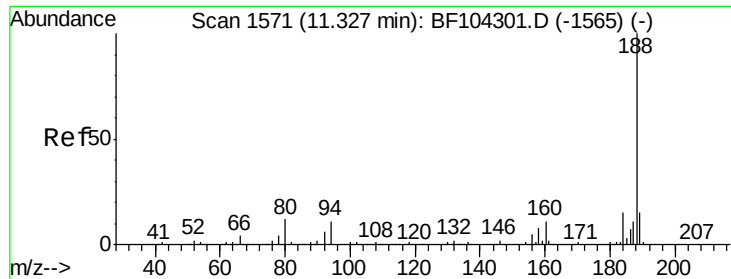
Tot Ion:138 Resp: 224207
Ion Ratio Lower Upper
138 100
92 47.6 30.2 70.2
108 67.3 52.5 92.5



#62
Azobenzene
Concen: 36.264 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Tgt Ion: 77 Resp: 797260
Ion Ratio Lower Upper
77 100
182 26.2 1.7 41.7
105 24.4 3.0 43.0
51 25.1 9.9 49.9

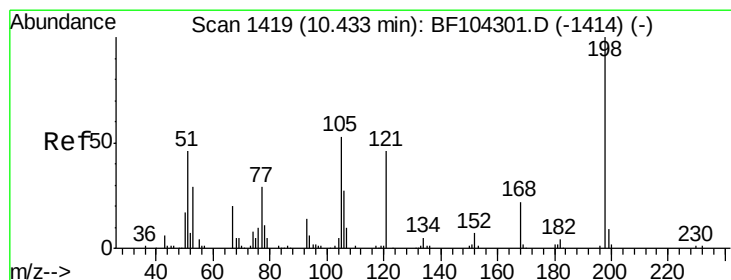
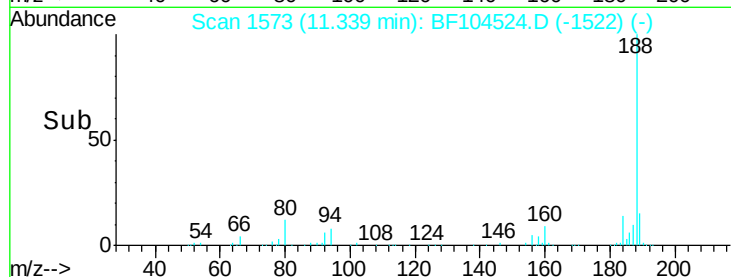
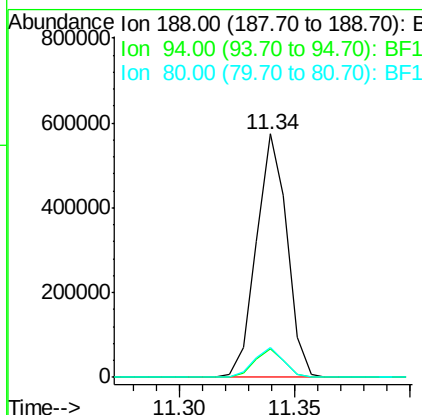
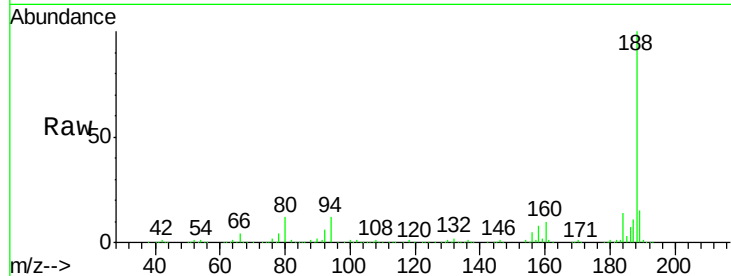




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

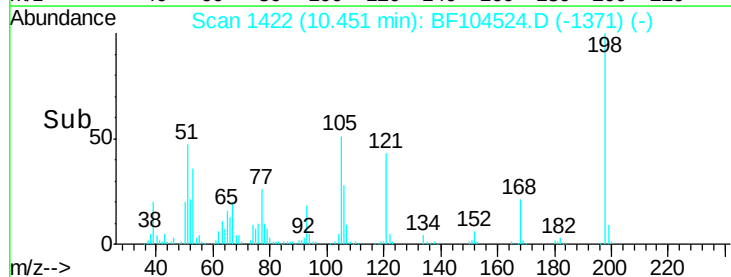
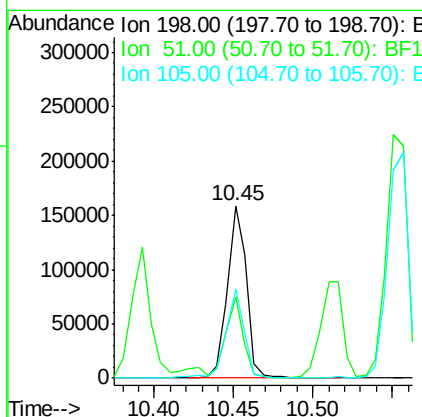
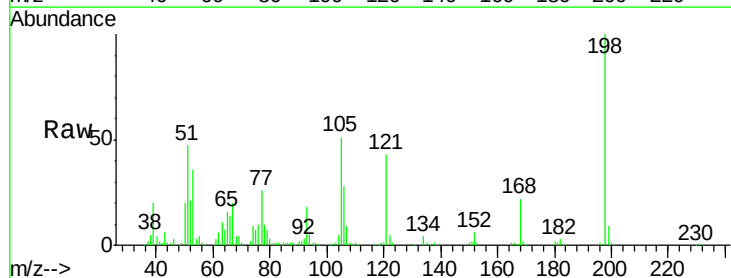
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

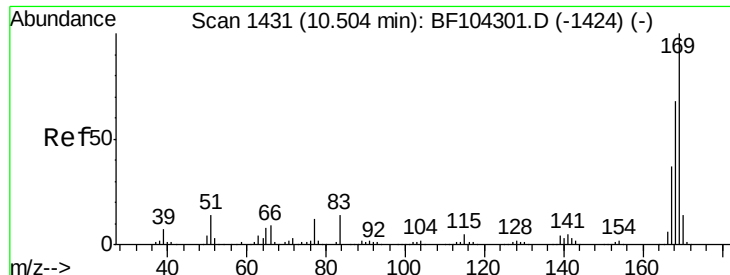
Tot Ion:188 Resp: 531072
 Ion Ratio Lower Upper
 188 100
 94 12.0 8.5 12.7
 80 12.4 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 50.386 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Tgt Ion:198 Resp: 131434
 Ion Ratio Lower Upper
 198 100
 51 46.8 37.7 77.7
 105 51.2 36.3 76.3

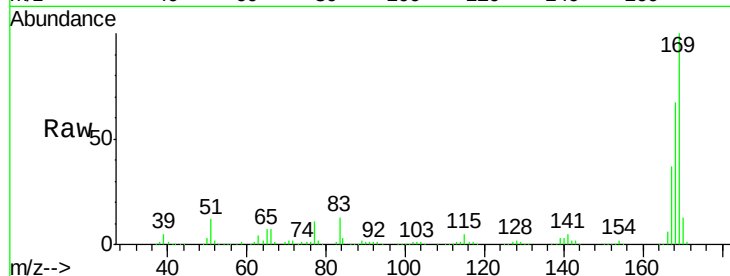




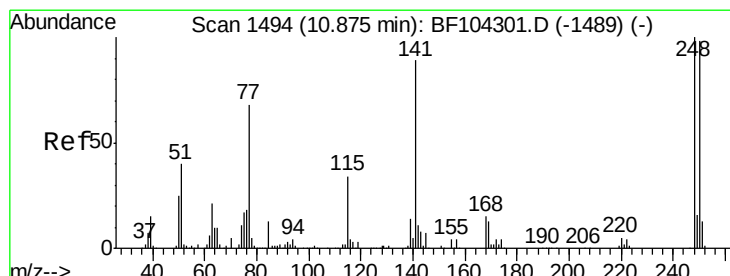
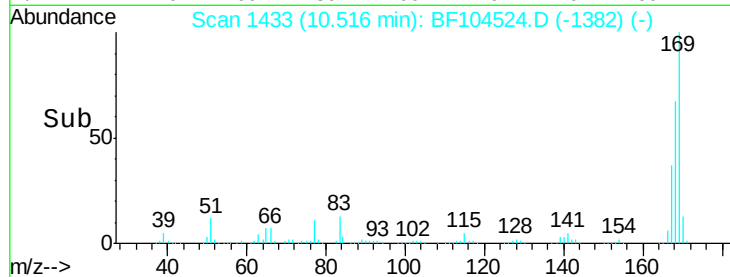
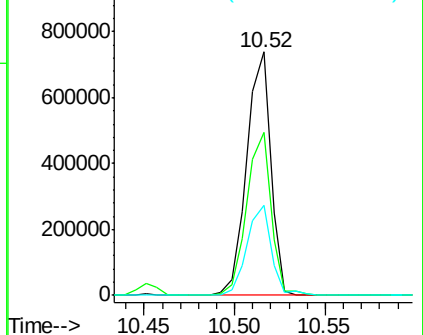
#65
 n-Nitrosodiphenylamine
 Concen: 37.064 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 682483
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.4 81.6
 167 37.1 29.8 44.6

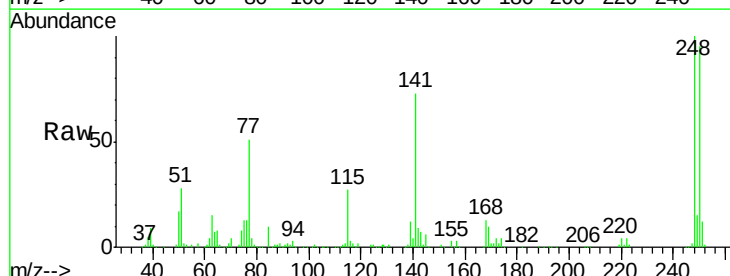


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

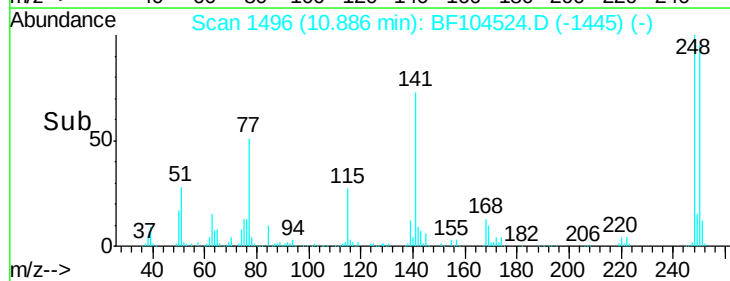
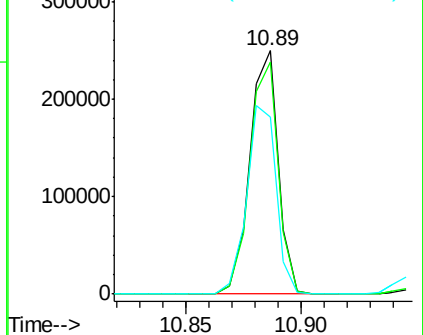


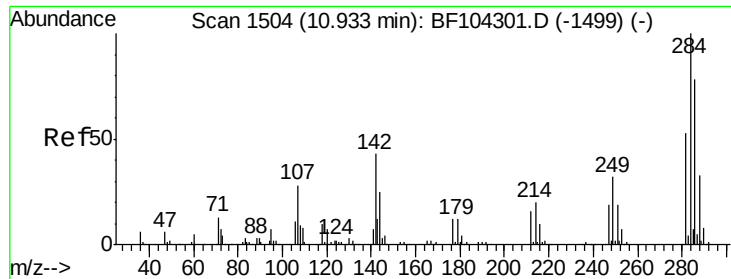
#66
 4-Bromophenyl-phenylether
 Concen: 38.113 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Tgt Ion:248 Resp: 215296
 Ion Ratio Lower Upper
 248 100
 250 95.1 76.9 115.3
 141 72.5 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

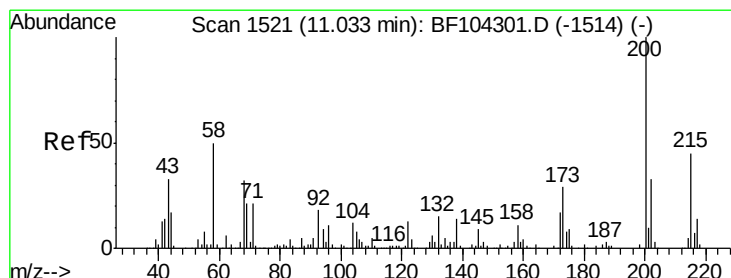
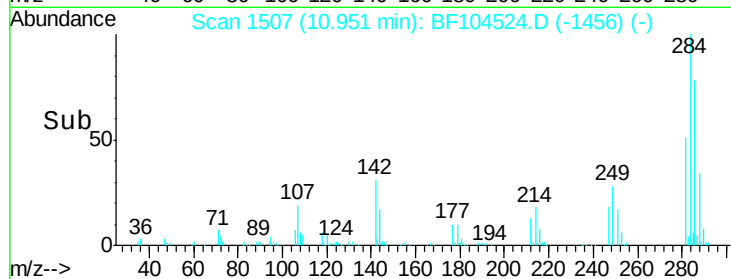
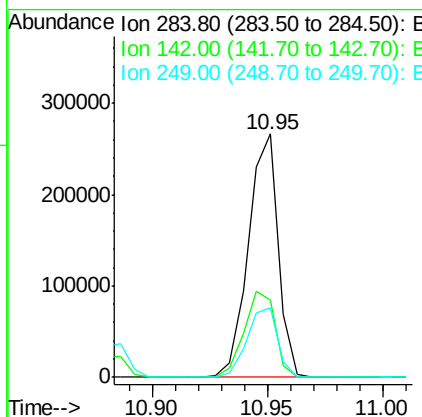
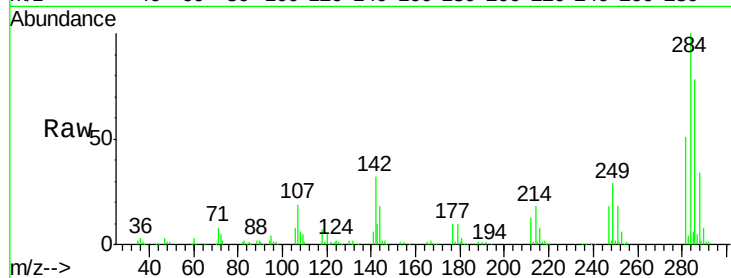




#67
Hexachlorobenzene
Concen: 37.878 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

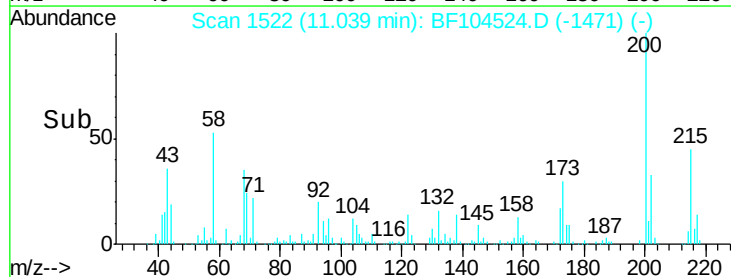
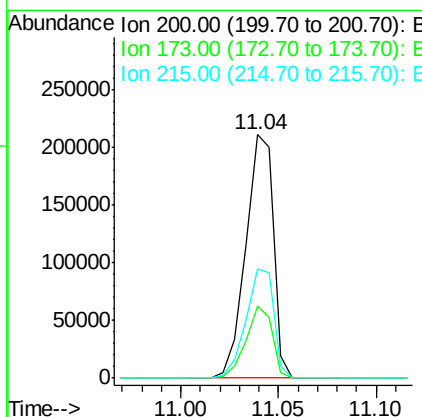
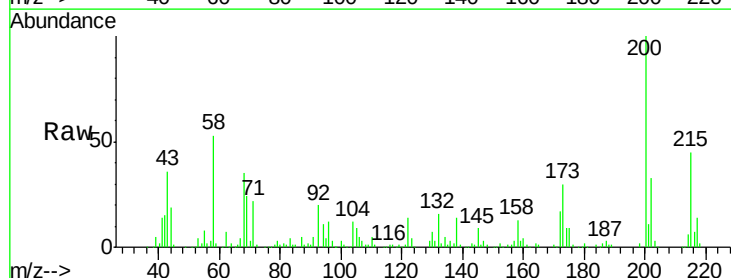
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

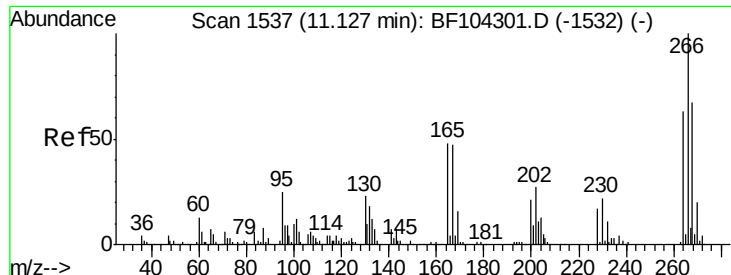
Tot Ion:284 Resp: 240763
Ion Ratio Lower Upper
284 100
142 31.9 34.6 52.0#
249 28.7 24.8 37.2



#68
Atrazine
Concen: 37.177 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Tgt Ion:200 Resp: 206631
Ion Ratio Lower Upper
200 100
173 29.9 8.6 48.6
215 45.1 25.1 65.1

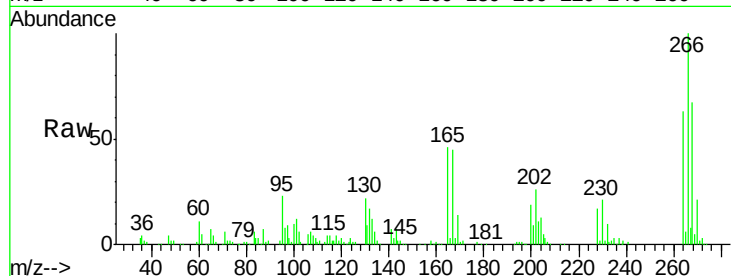




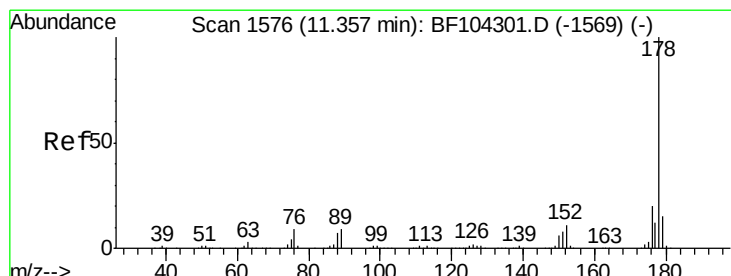
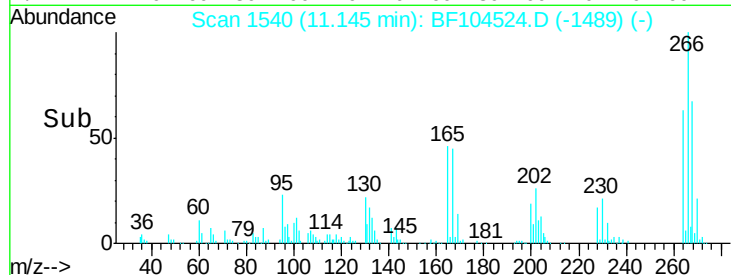
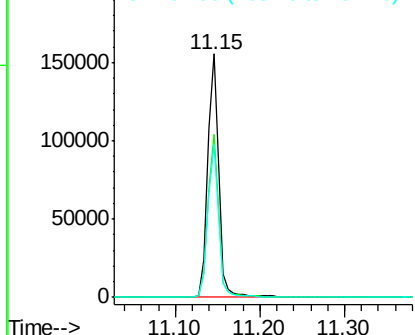
#69
 Pentachlorophenol
 Concen: 36.219 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 142424
 Ion Ratio Lower Upper
 266 100
 268 67.2 51.1 76.7
 264 62.7 49.5 74.3

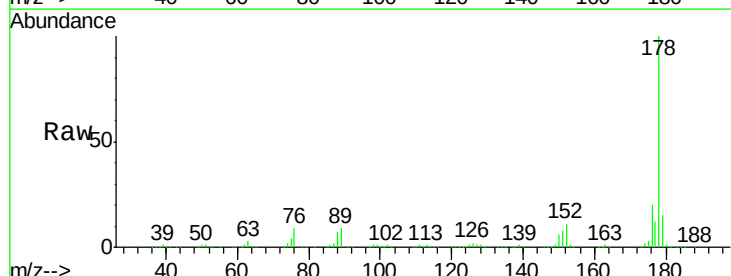


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

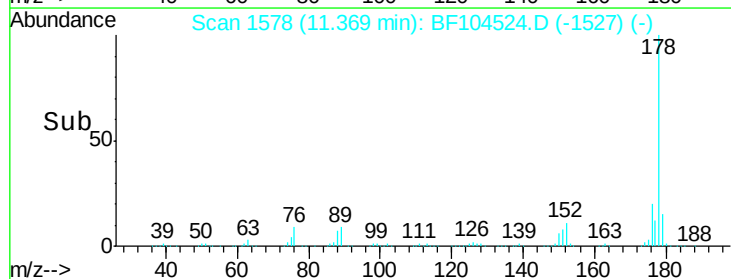
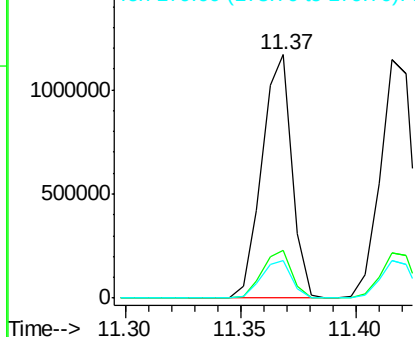


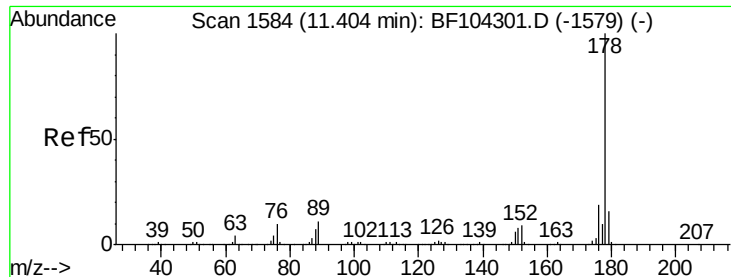
#70
 Phenanthrene
 Concen: 35.834 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Tgt Ion:178 Resp: 1059799
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.2 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

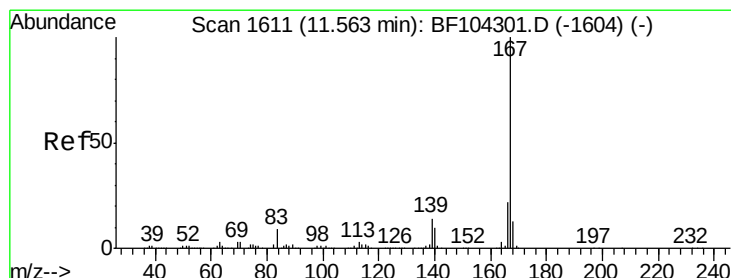
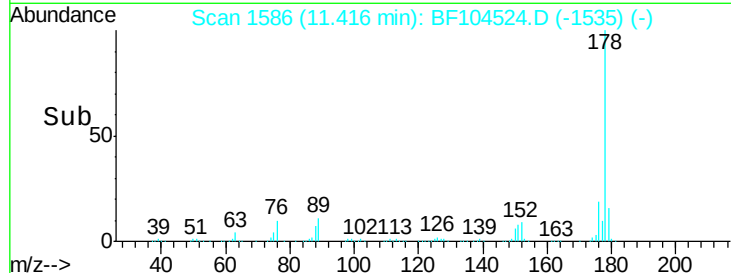
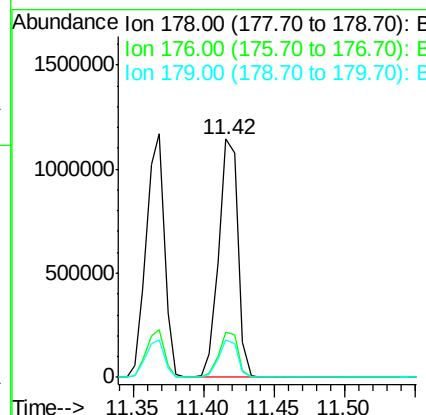
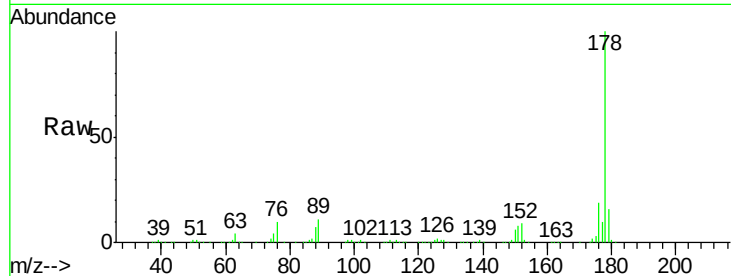




#71
 Anthracene
 Concen: 35.995 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

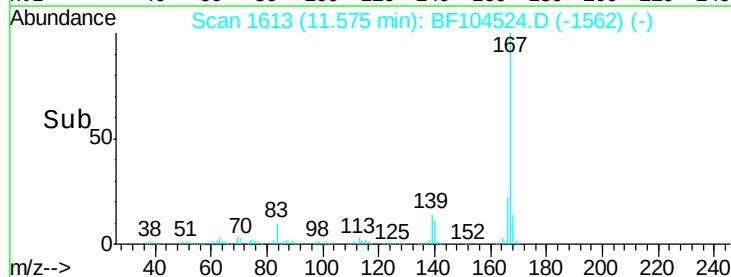
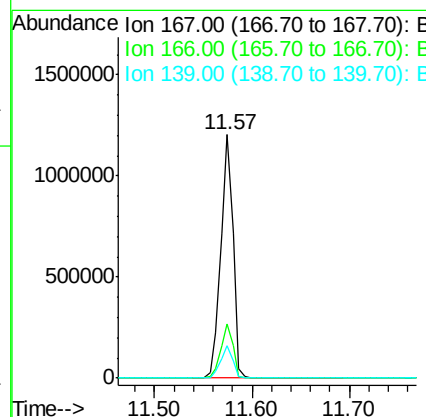
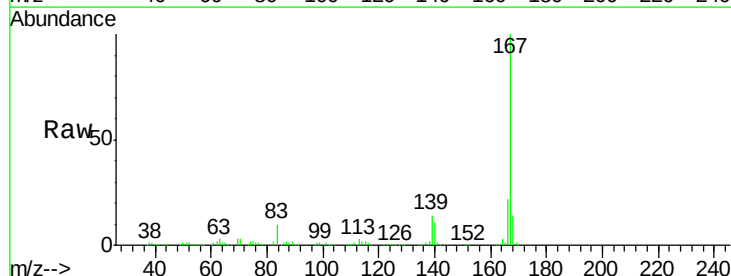
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

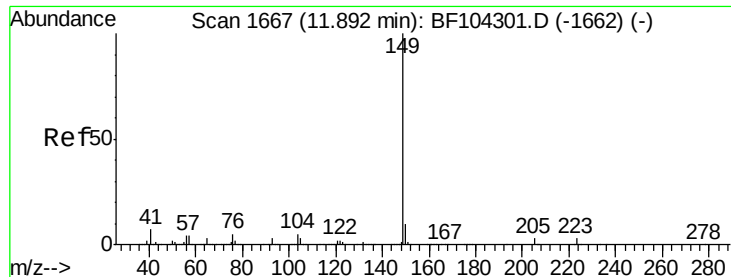
Tot Ion:178 Resp: 1082129
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 35.690 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Tgt Ion:167 Resp: 1048462
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.038 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

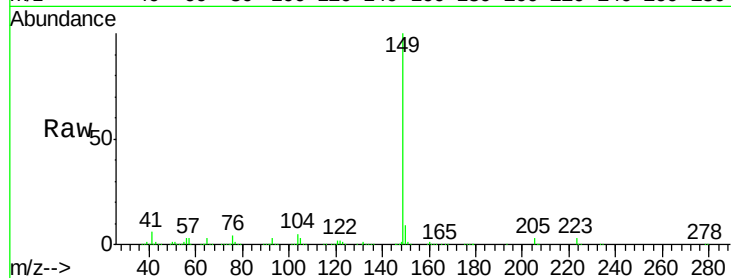
Tot Ion:149 Resp: 1293271

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

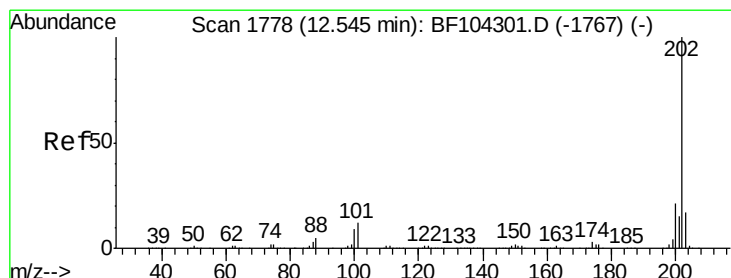
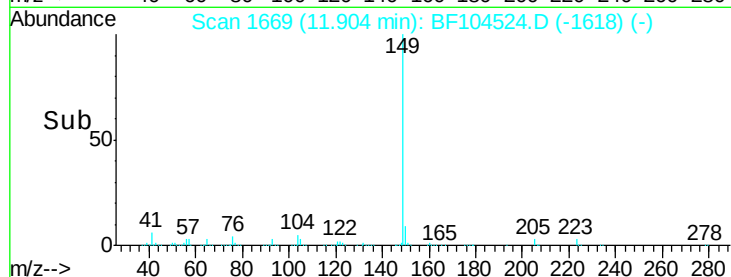
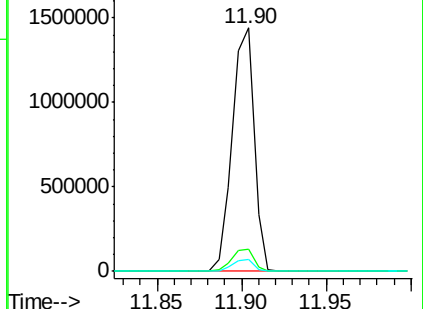
104 4.7 3.8 5.8



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: 35.312 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

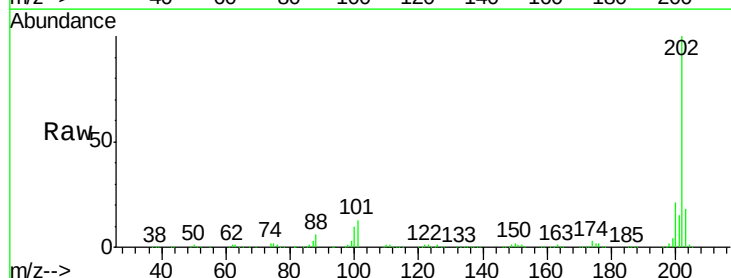
Tgt Ion:202 Resp: 1091140

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

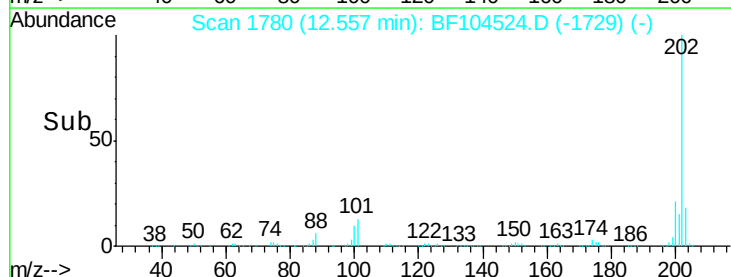
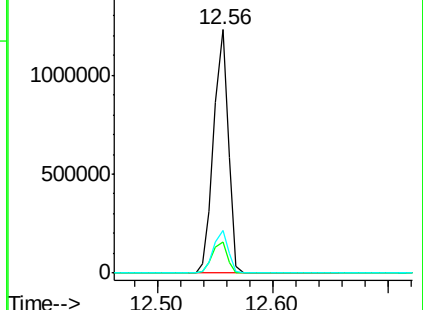
203 17.6 0.0 38.1

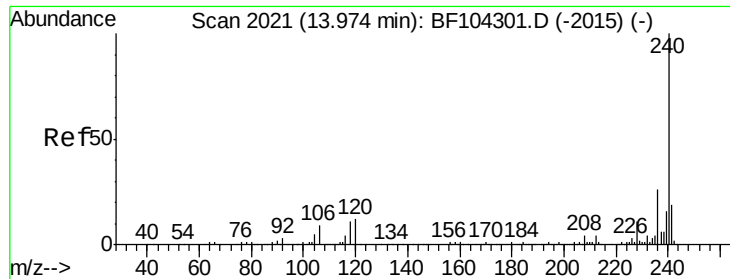


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

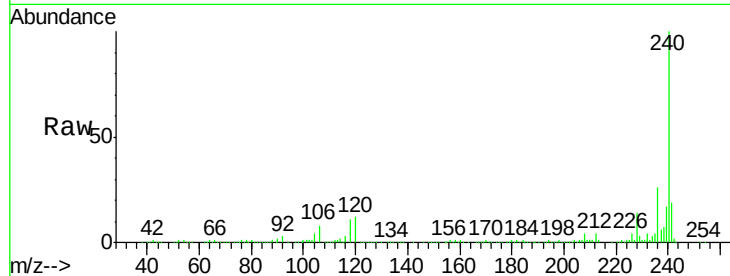
Tot Ion:240 Resp: 376608

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

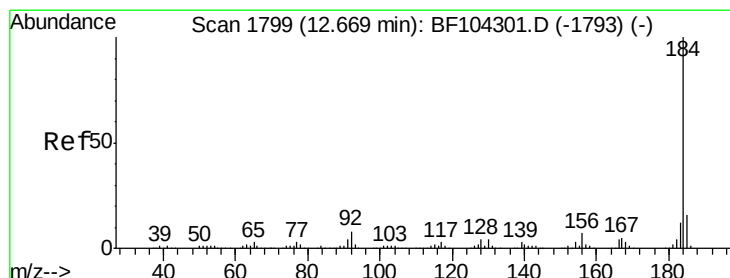
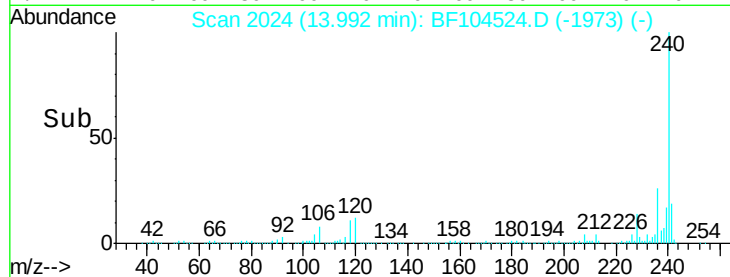
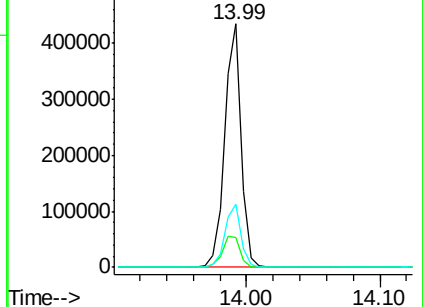
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.134 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

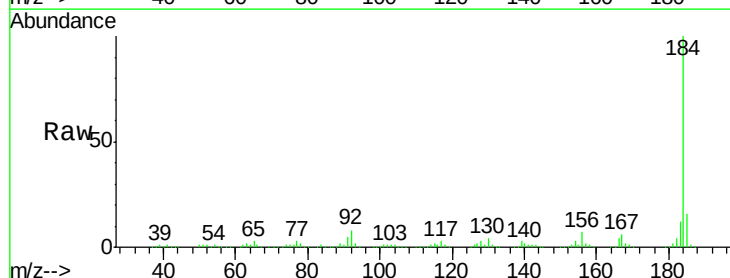
Tgt Ion:184 Resp: 434993

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

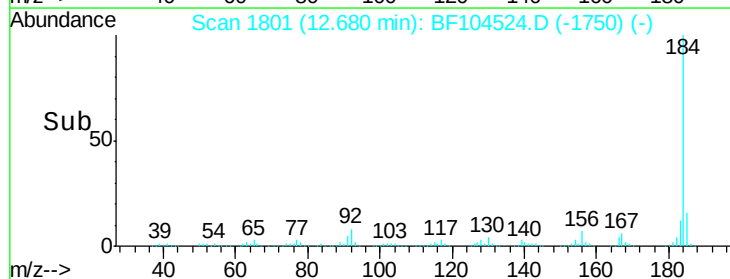
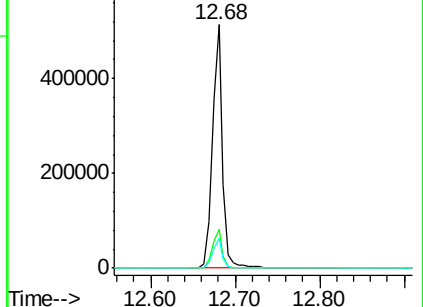
183 12.1 9.3 13.9

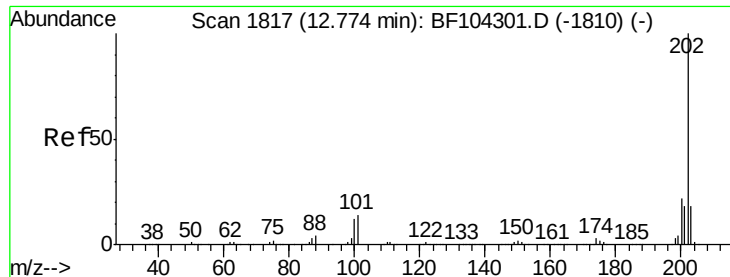


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

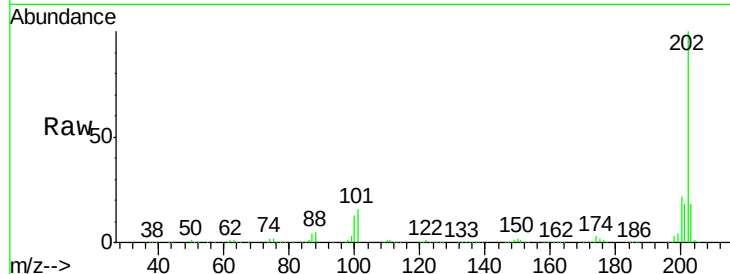




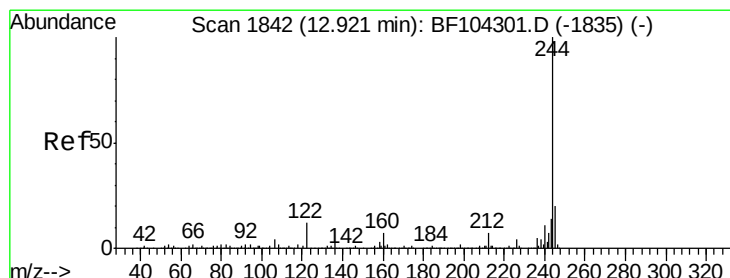
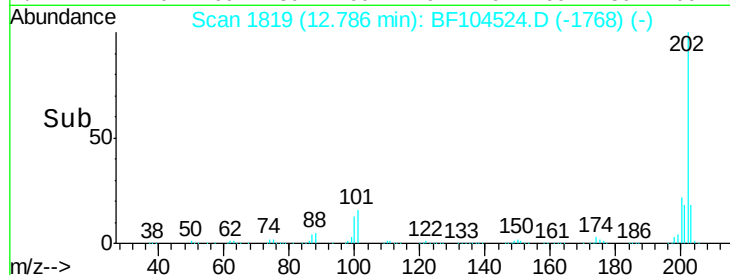
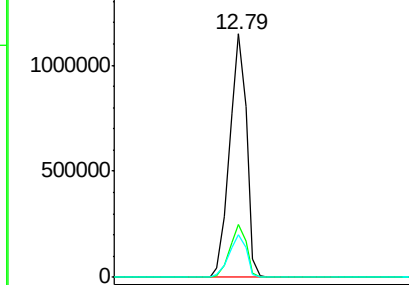
#77
Pvrene
Concen: 40.058 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1118251
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.6 14.3 21.5

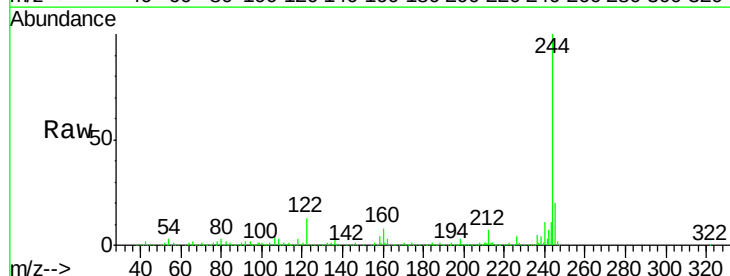


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

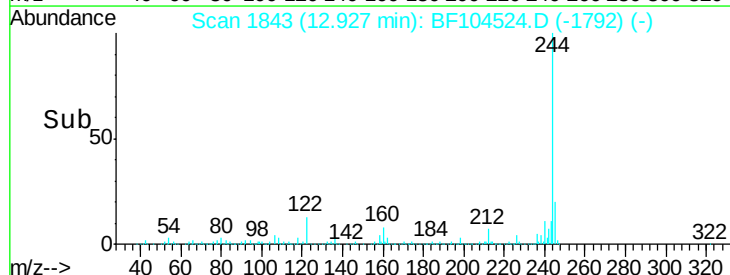
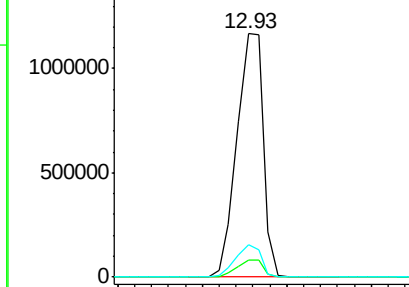


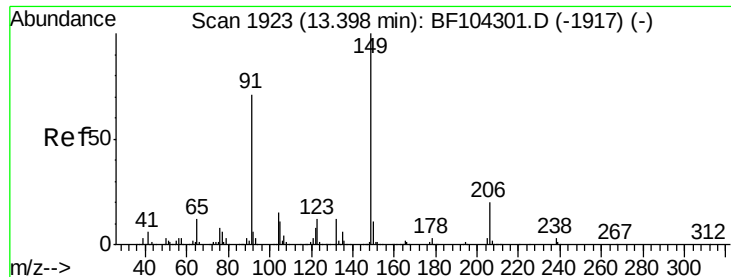
#78
Terphenyl-d14
Concen: 77.028 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Tgt Ion:244 Resp: 1272431
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 13.4 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

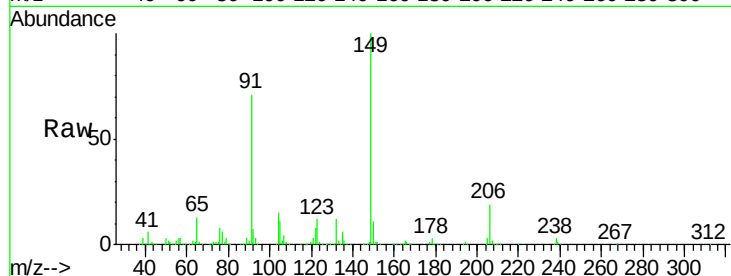




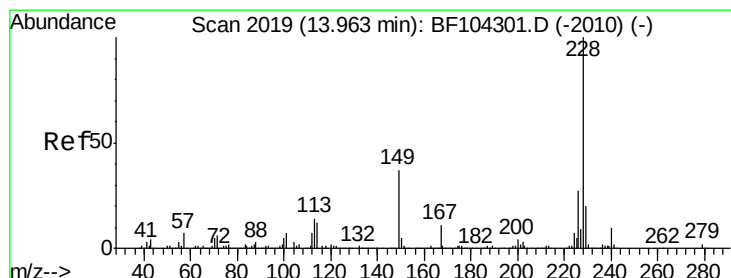
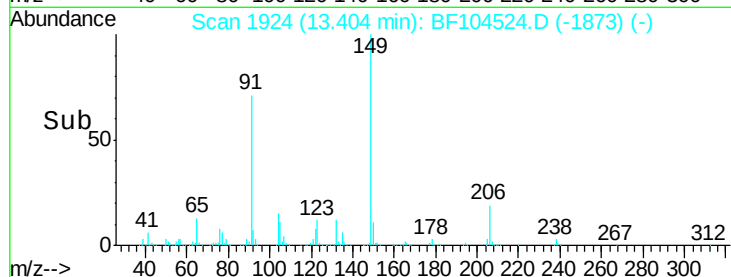
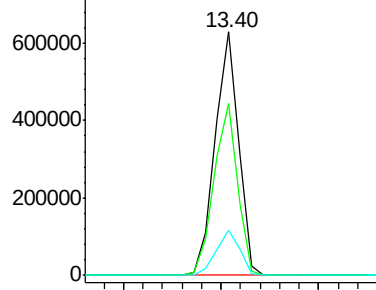
#79
Butylbenzylphthalate
Concen: 39.856 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.6	56.8	85.2
206	18.5	14.1	21.1

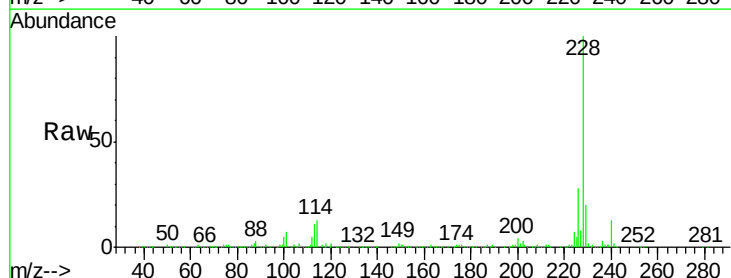


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

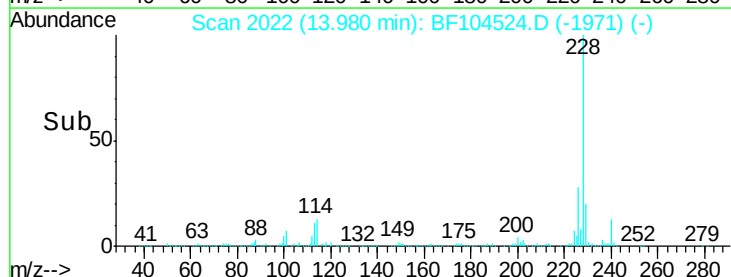
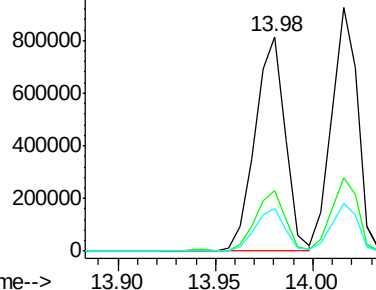


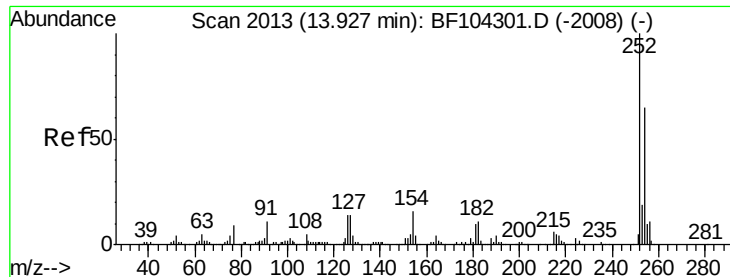
#80
Benzo(a)anthracene
Concen: 38.662 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.1	15.8	23.6



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

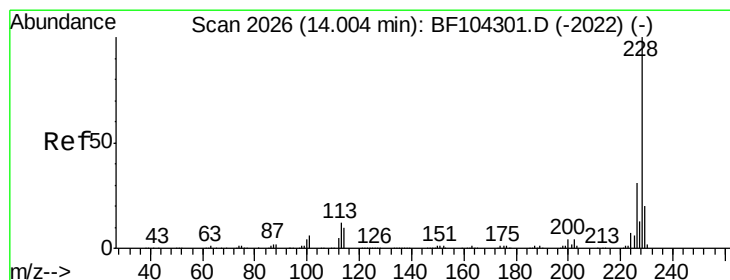
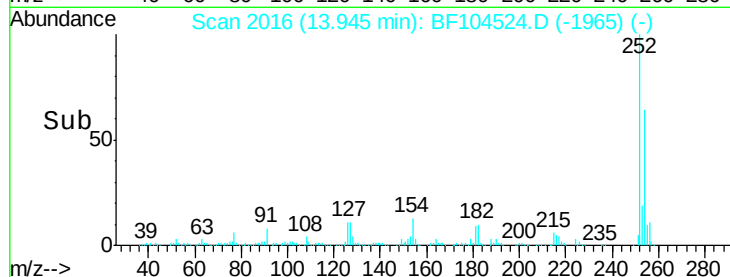
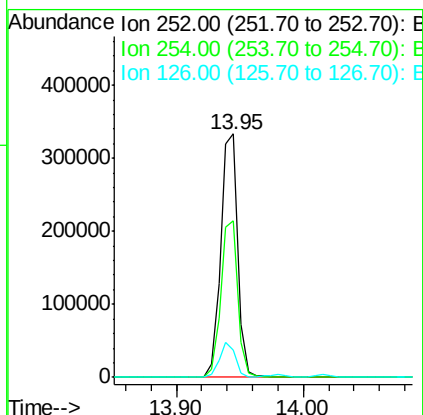
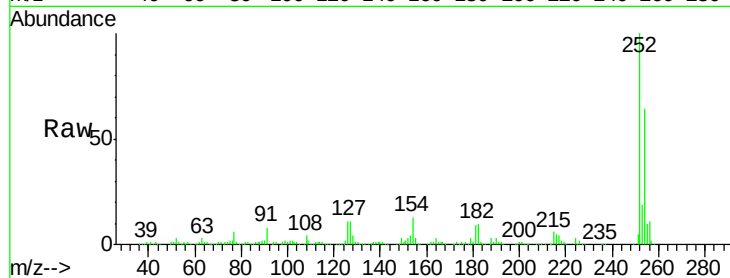




#81
 3,3'-Dichlorobenzidine
 Concen: 37.496 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

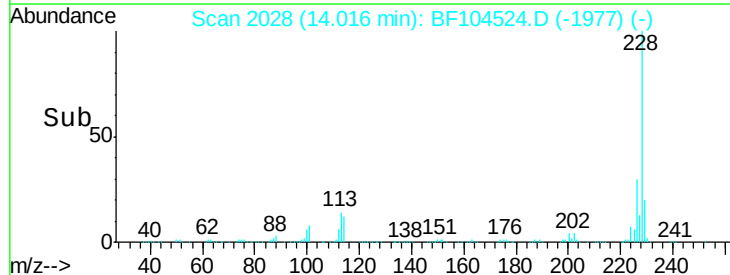
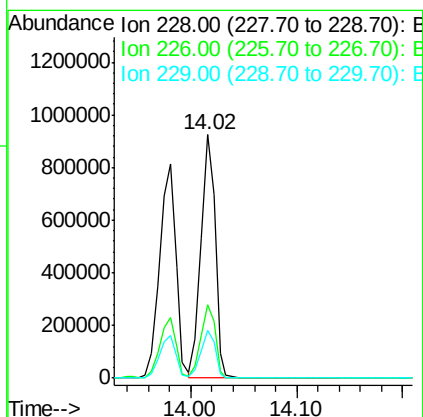
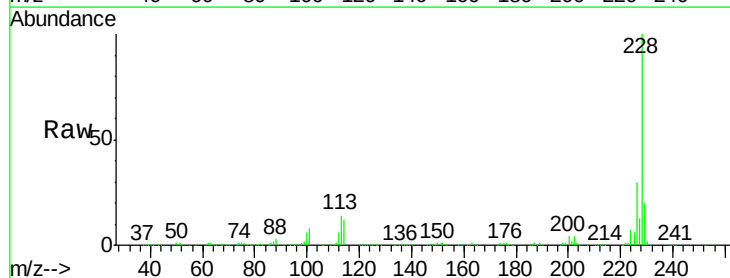
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

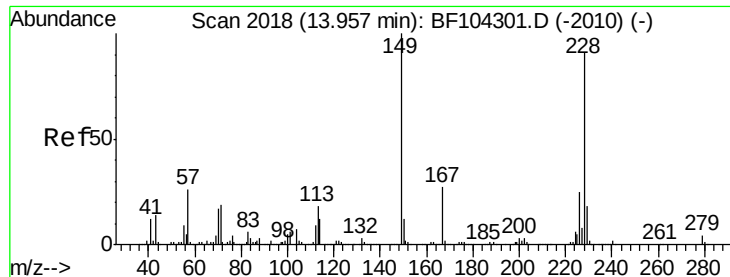
Tot Ion:252 Resp: 314546
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.4 75.6
 126 11.4 11.3 16.9



#82
 Chrysene
 Concen: 37.123 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Tgt Ion:228 Resp: 857907
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.0 37.6
 229 19.7 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.873 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

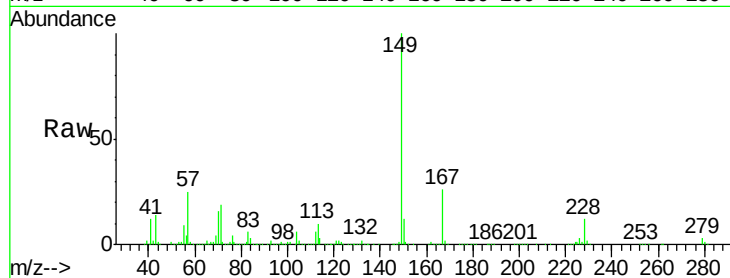
Tot Ion:149 Resp: 691401

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

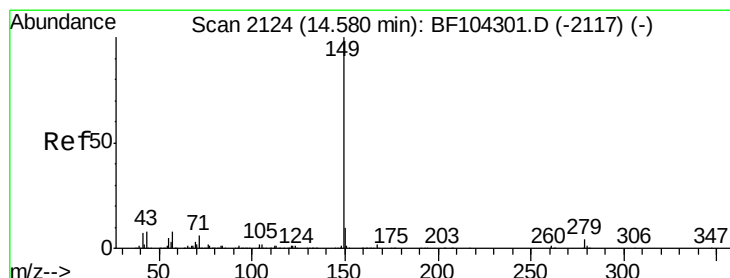
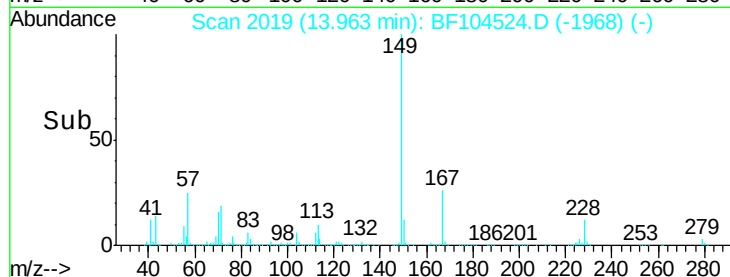
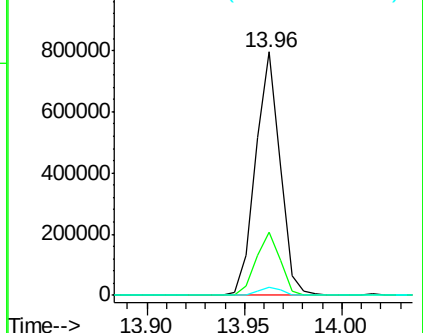
279 3.3 3.0 4.4



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: 36.138 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

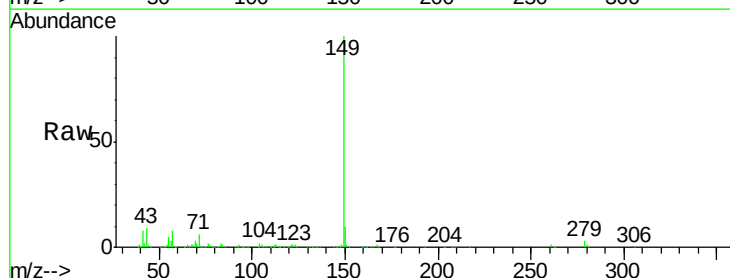
Tgt Ion:149 Resp: 1021446

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

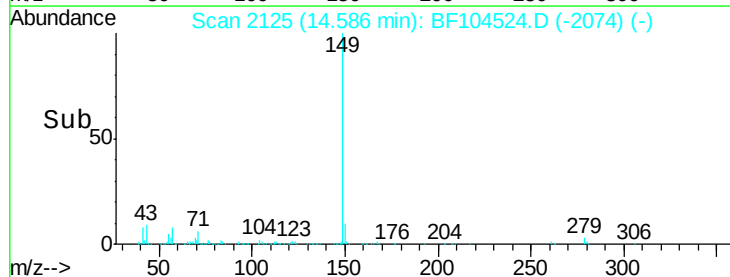
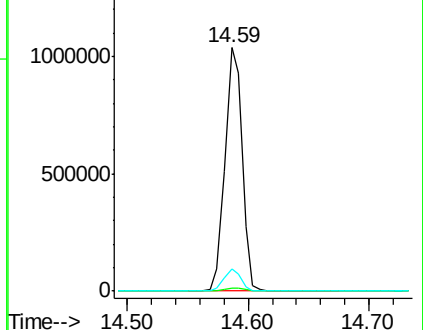
43 8.8 8.4 12.6

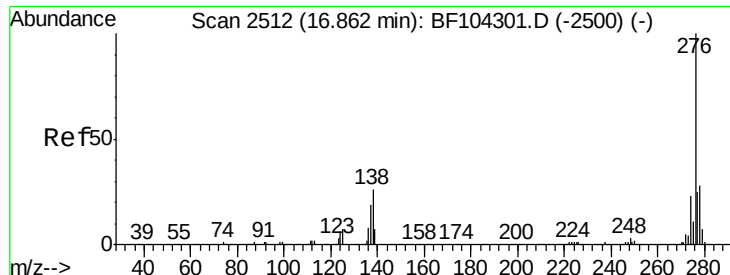


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

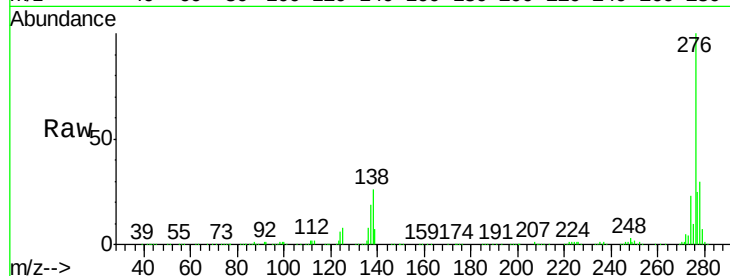




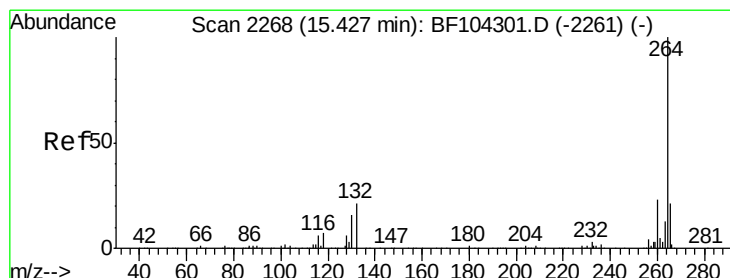
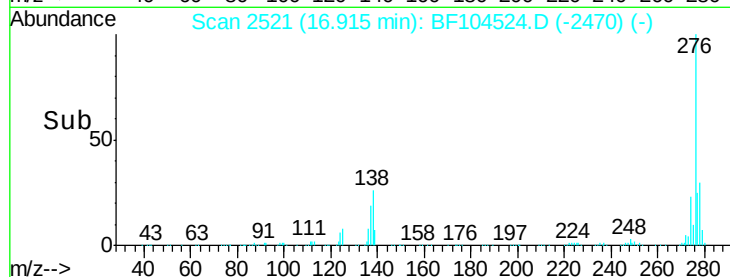
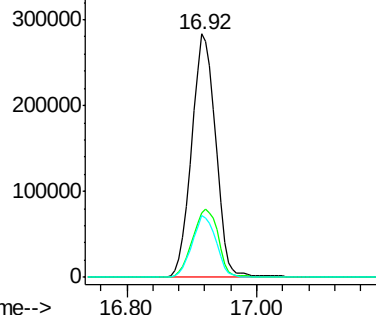
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.108 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:276 Resp: 728479
 Ion Ratio Lower Upper
 276 100
 138 30.0 25.0 37.6
 277 25.5 20.1 30.1

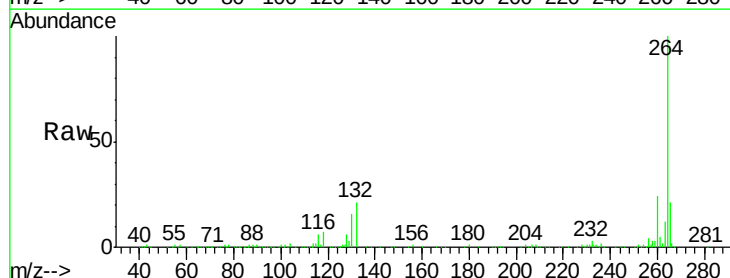


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

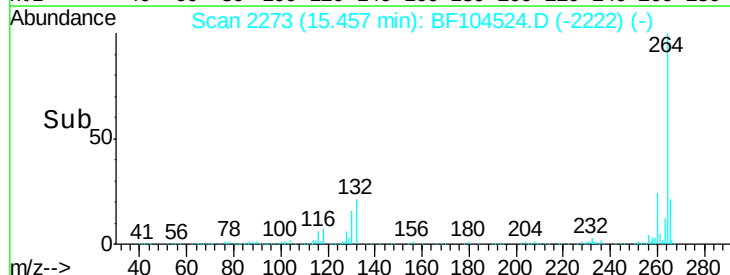
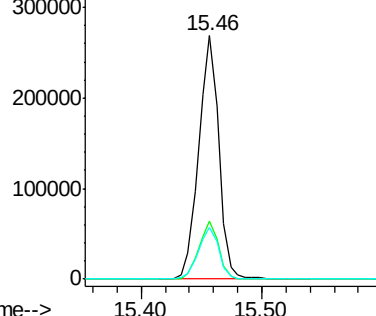


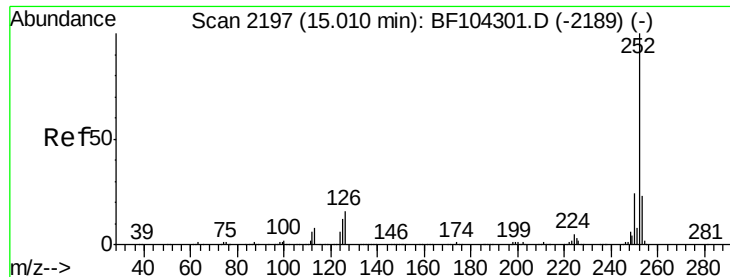
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF104524.D
 Acq: 16 Apr 2018 10:40

Tgt Ion:264 Resp: 311737
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.4 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

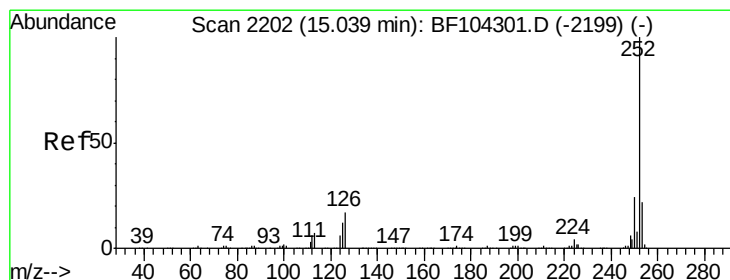
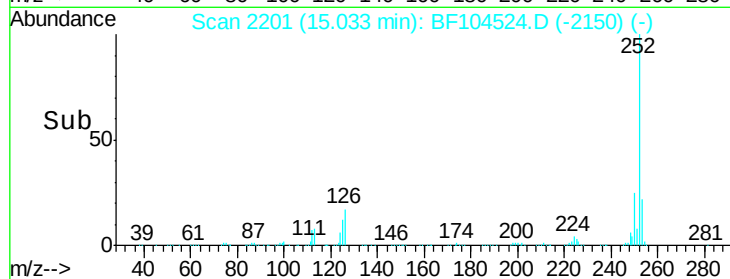
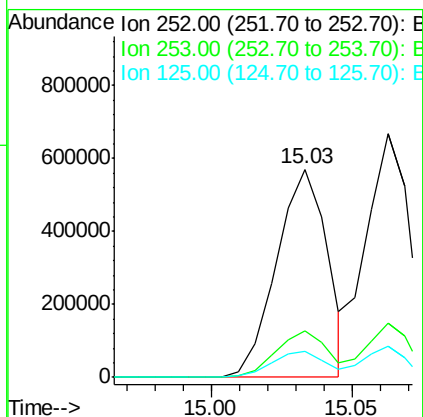
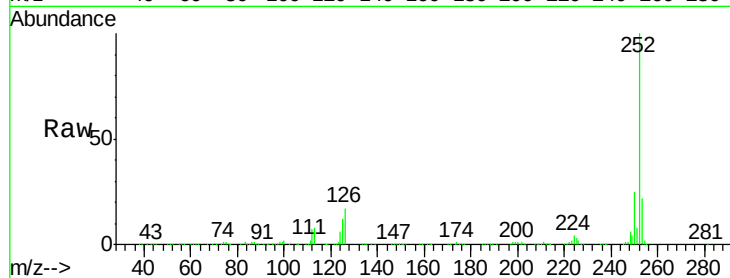




#87
Benzo(b)fluoranthene
Concen: 36.209 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

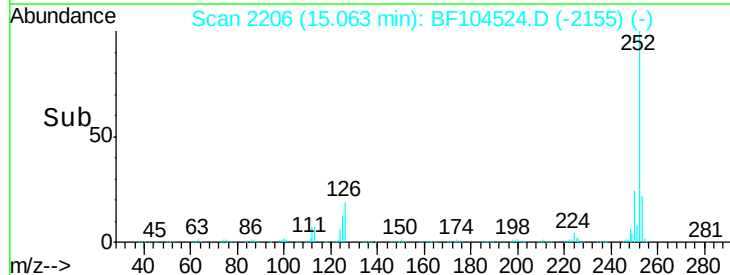
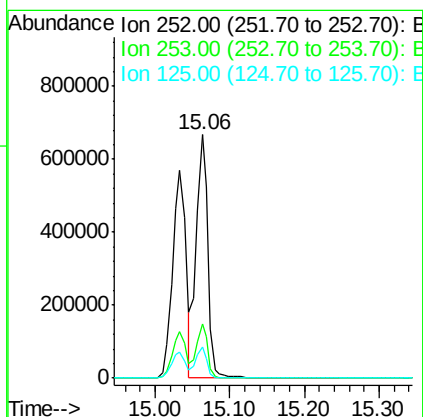
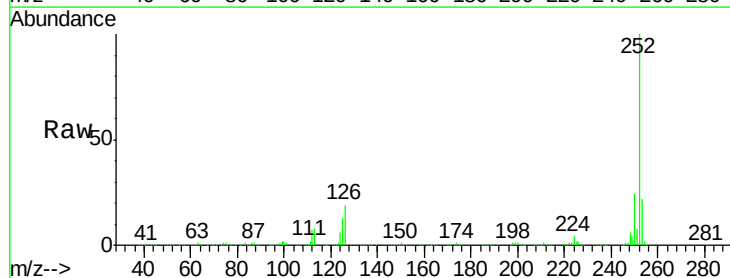
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

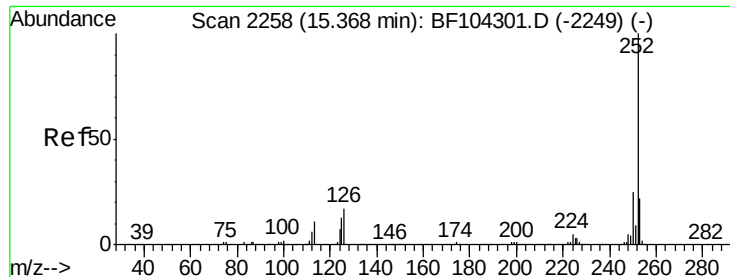
Tot Ion:252 Resp: 712910
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 12.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.403 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF104524.D
Acq: 16 Apr 2018 10:40

Tgt Ion:252 Resp: 732426
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 12.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.738 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

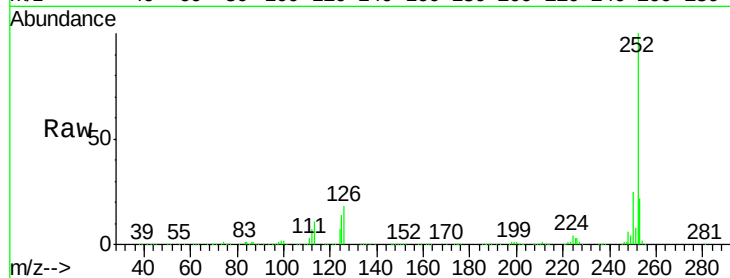
Tot Ion:252 Resp: 664816

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

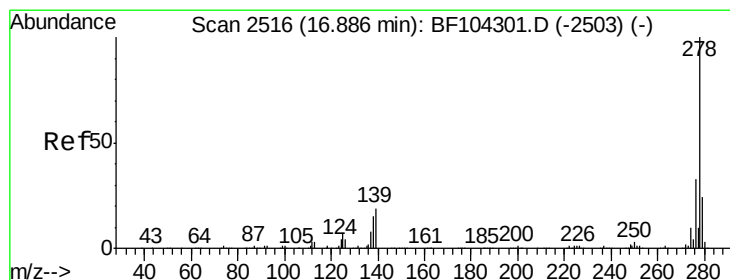
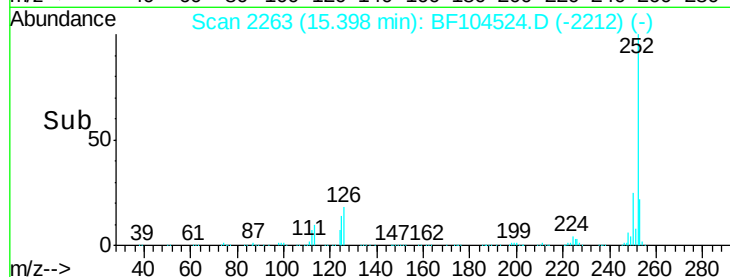
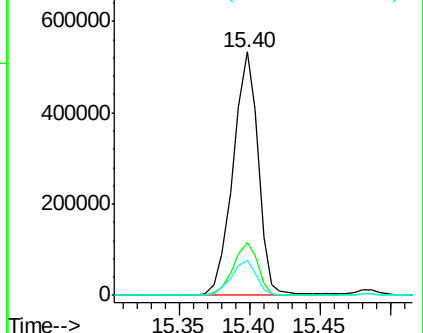
125 14.2 9.8 14.6



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: 41.282 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

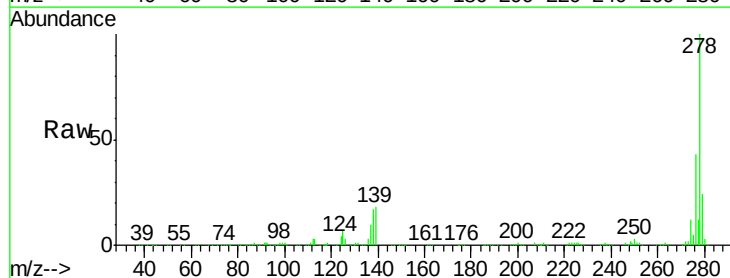
Tgt Ion:278 Resp: 597287

Ion Ratio Lower Upper

278 100

139 18.3 15.9 23.9

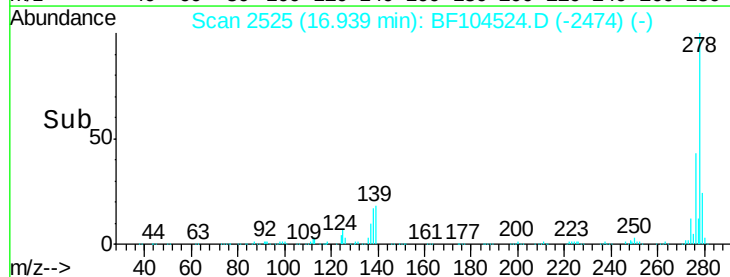
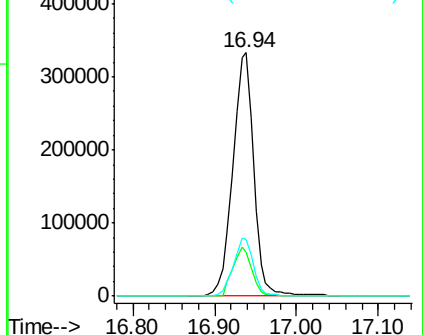
279 23.6 19.0 28.4

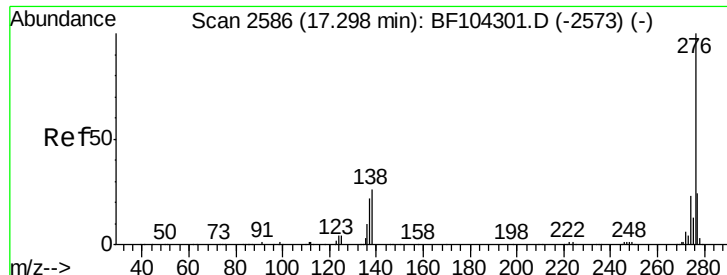


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.783 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BF104524.D

Acq: 16 Apr 2018 10:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

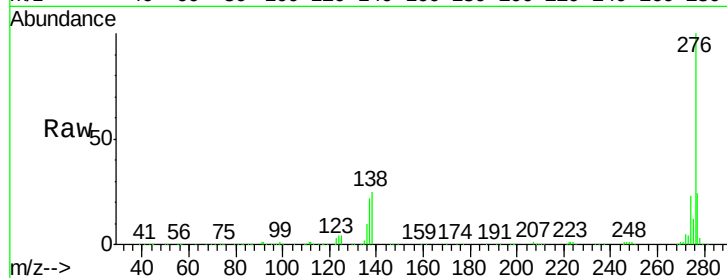
Tot Ion:276 Resp: 613730

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 25.1 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

