

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104530.D
 Acq On : 16 Apr 2018 13:25
 Operator : JU/SJ
 Sample : PB108229BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 14:53:19 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	119790	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	576216	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	251776	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	391414	20.00	ng	0.00
75) Chrysene-d12	13.99	240	259949	20.00	ng	0.00
86) Perylene-d12	15.46	264	226454	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	752661	96.07	ng	0.02
7) Phenol-d6	6.46	99	873929	90.79	ng	0.00
23) Nitrobenzene-d5	7.38	82	677822	76.81	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	227794	87.22	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1315718	82.55	ng	0.00
78) Terphenyl-d14	12.93	244	998234	87.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	177537	48.635	ng	89
3) Pyridine	3.35	79	477552	46.530	ng	89
4) n-Nitrosodimethylamine	3.32	42	177278	49.413	ng	80
6) Aniline	6.47	93	378370	28.293	ng	94
8) 2-Chlorophenol	6.60	128	394052	47.655	ng	95
9) Benzaldehyde	6.36	77	21377	2.106	ng	97
10) Phenol	6.47	94	466703	45.696	ng	81
11) bis(2-Chloroethyl)ether	6.55	93	369260	45.307	ng	93
12) 1,3-Dichlorobenzene	6.75	146	413111	44.100	ng	99
13) 1,4-Dichlorobenzene	6.83	146	416214	44.572	ng	100
14) 1,2-Dichlorobenzene	6.98	146	388619	44.909	ng	98
15) Benzyl Alcohol	6.96	79	317267	43.396	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	467684	42.729	ng	88
17) 2-Methylphenol	7.07	107	322957	44.932	ng	93
18) Hexachloroethane	7.32	117	143659	43.149	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	251417	39.971	ng	95
20) 3+4-Methylphenols	7.23	107	375730	42.149	ng	# 76
22) Acetophenone	7.22	105	511590	36.063	ng	97
24) Nitrobenzene	7.40	77	407983	41.876	ng	97
25) Isophorone	7.63	82	854034	45.767	ng	99
26) 2-Nitrophenol	7.71	139	222626	56.130	ng	99
27) 2,4-Dimethylphenol	7.75	122	402927	48.926	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	553368	48.502	ng	99
29) 2,4-Dichlorophenol	7.96	162	364292	46.360	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	379199	43.972	ng	99
31) Naphthalene	8.12	128	1254748	43.731	ng	100
32) Benzoic acid	7.88	122	255723	38.917	ng	98
33) 4-Chloroaniline	8.17	127	345303	28.091	ng	97
34) Hexachlorobutadiene	8.23	225	202191	42.805	ng	100
35) Caprolactam	8.55	113	115152	42.008	ng	# 84
36) 4-Chloro-3-methylphenol	8.66	107	387473	45.987	ng	98
37) 2-Methylnaphthalene	8.81	142	825082	44.456	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	344827	47.844	ng	99
40) Hexachlorocyclopentadiene	8.96	237	162056	40.164	ng	96

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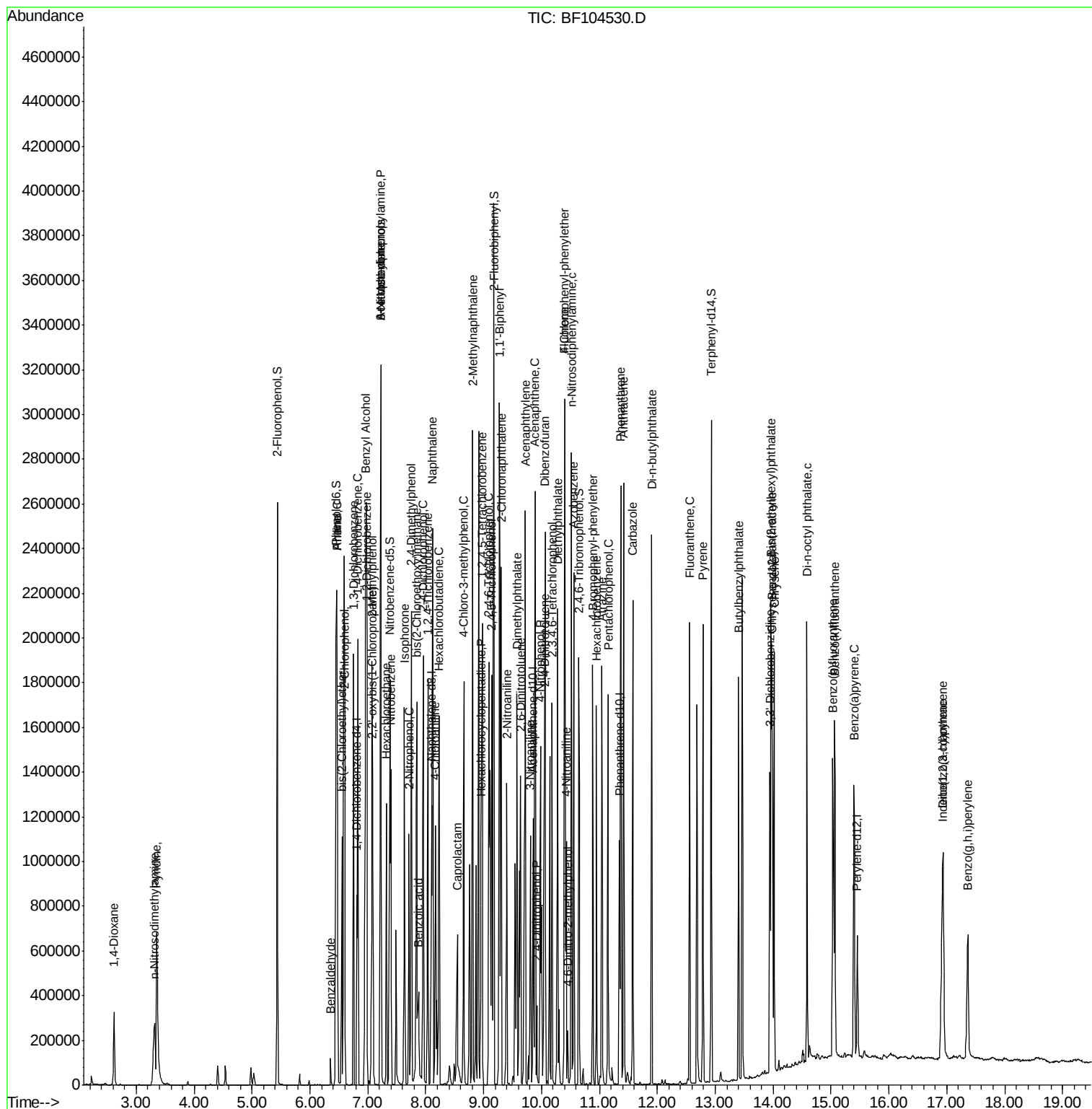
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	239631	47.896	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	250148	44.679	nq	97
45) 1,1'-Biphenyl	9.27	154	945346	44.695	nq	99
46) 2-Chloronaphthalene	9.30	162	748808	44.821	nq	98
47) 2-Nitroaniline	9.40	65	240585	58.231	nq	97
48) Acenaphthylene	9.72	152	1124340	42.894	nq	100
49) Dimethylphthalate	9.58	163	911671	45.918	nq	99
50) 2,6-Dinitrotoluene	9.65	165	196226	53.412	nq	# 86
51) Acenaphthene	9.89	154	653461	40.859	nq	100
52) 3-Nitroaniline	9.81	138	174259	40.516	nq	99
53) 2,4-Dinitrophenol	9.92	184	42029	38.164	nq	# 22
54) Dibenzofuran	10.06	168	976041	43.793	nq	98
55) 4-Nitrophenol	9.99	139	300685	88.998	nq	90
56) 2,4-Dinitrotoluene	10.05	165	244185	50.671	nq	99
57) Fluorene	10.40	166	713956	44.010	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	184187	44.097	nq	95
59) Diethylphthalate	10.27	149	867669	43.880	nq	100
60) 4-Chlorophenyl-phenylether	10.40	204	335917	46.495	nq	95
61) 4-Nitroaniline	10.43	138	196637	46.758	nq	96
62) Azobenzene	10.56	77	800782	42.388	nq	94
64) 4,6-Dinitro-2-methylphenol	10.46	198	30288	20.804	nq	# 75
65) n-Nitrosodiphenylamine	10.52	169	678717	50.011	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	208604	50.104	nq	93
67) Hexachlorobenzene	10.95	284	213235	45.517	nq	96
68) Atrazine	11.04	200	206240	50.346	nq	98
69) Pentachlorophenol	11.15	266	193010	66.597	nq	98
70) Phenanthrene	11.37	178	953135	43.727	nq	99
71) Anthracene	11.42	178	973504	43.936	nq	100
72) Carbazole	11.58	167	875004	40.413	nq	99
73) Di-n-butylphthalate	11.90	149	1222514	46.222	nq	100
74) Fluoranthene	12.56	202	852932	37.452	nq	99
76) Benzidine	12.69	184	658707	Below	Cal	98
77) Pyrene	12.79	202	838234	43.503	nq	99
79) Butylbenzylphthalate	13.40	149	414326	45.643	nq	97
80) Benzo(a)anthracene	13.98	228	724595	46.659	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	276144	47.691	nq	98
82) Chrysene	14.02	228	691502	43.351	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	559383	47.909	nq	99
84) Di-n-octyl phthalate	14.59	149	940312	48.197	nq	96
85) Indeno(1,2,3-cd)pyrene	16.92	276	563862	41.612	nq	99
87) Benzo(b)fluoranthene	15.03	252	702882	49.144	nq	97
88) Benzo(k)fluoranthene	15.06	252	607334	44.978	nq	99
89) Benzo(a)pyrene	15.40	252	597918	46.723	nq	98
90) Dibenzo(a,h)anthracene	16.94	278	473952	45.094	nq	99
91) Benzo(g,h,i)perylene	17.36	276	446727	43.871	nq	98

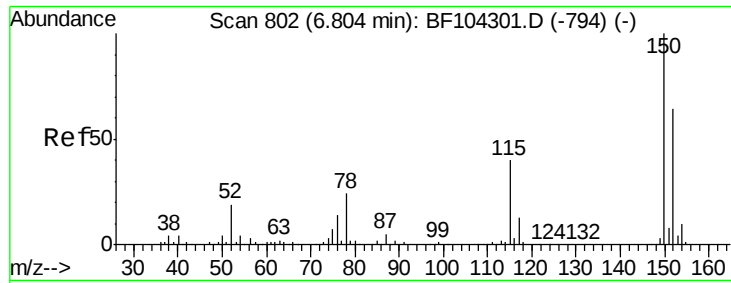
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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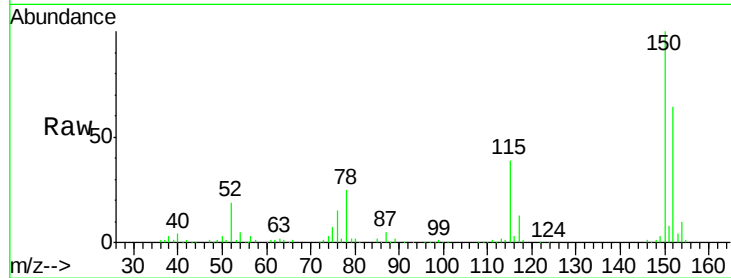


#1

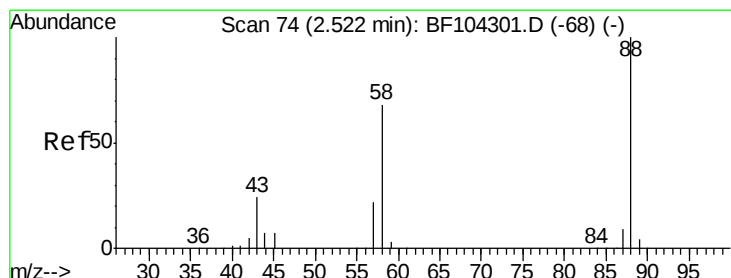
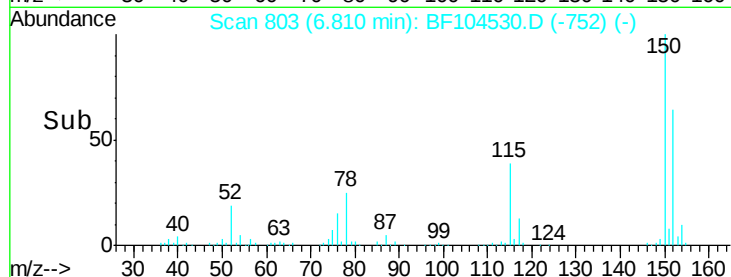
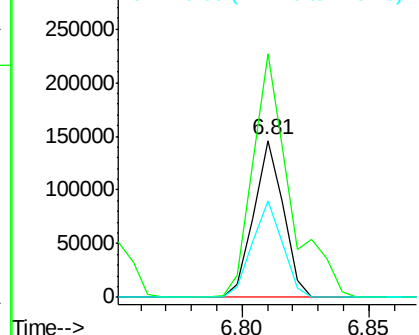
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119790
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 61.3 50.1 75.1



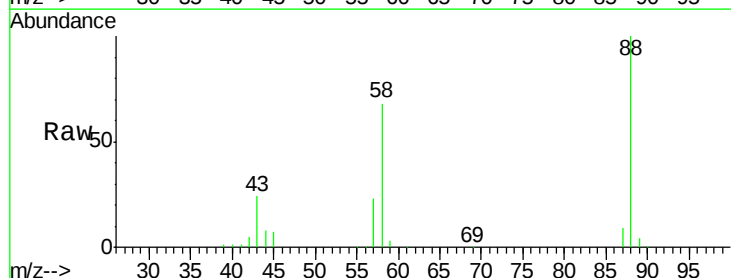
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



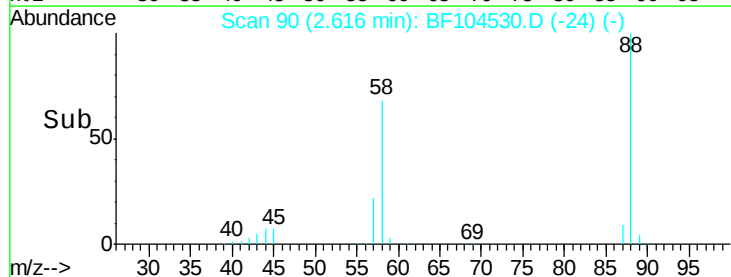
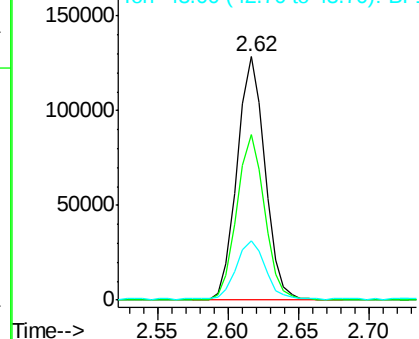
#2

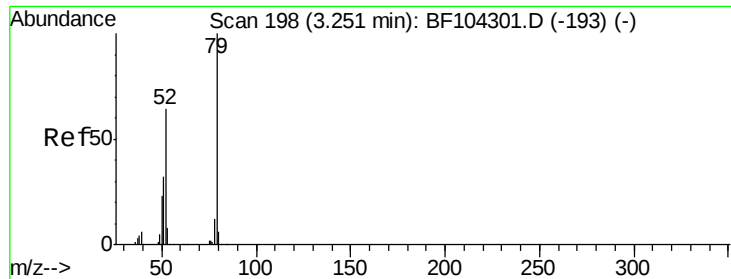
1,4-Dioxane
Concen: 48.635 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.09 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion: 88 Resp: 177537
Ion Ratio Lower Upper
88 100
58 68.0 62.6 93.8
43 25.8 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: 46.530 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.09 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

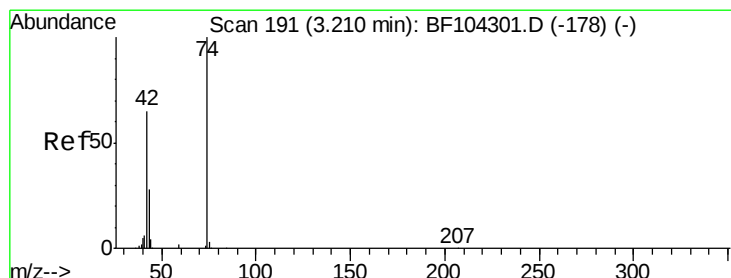
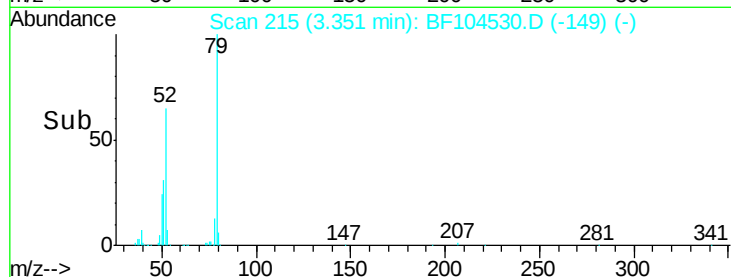
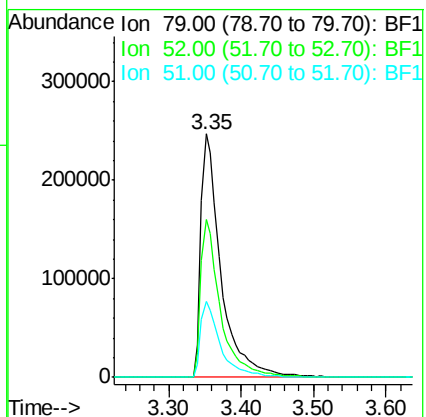
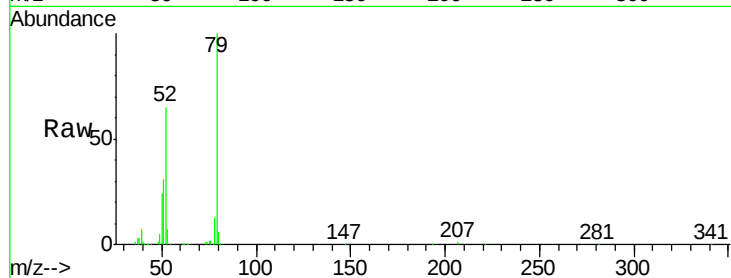
Tot Ion: 79 Resp: 477552

Ion Ratio Lower Upper

79 100

52 64.6 59.8 89.6

51 31.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 49.413 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.09 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

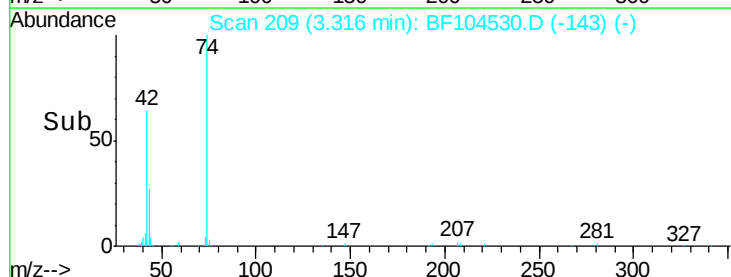
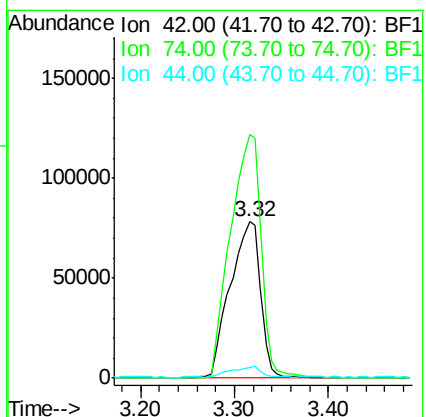
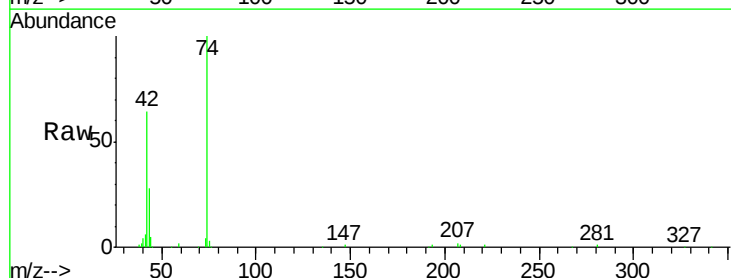
Tgt Ion: 42 Resp: 177278

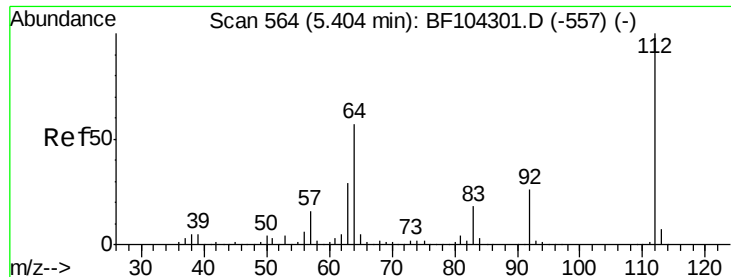
Ion Ratio Lower Upper

42 100

74 155.7 104.9 157.3

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 96.073 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

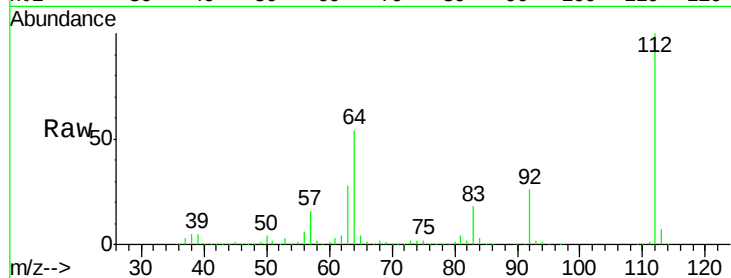
Tot Ion:112 Resp: 752661

Ion Ratio Lower Upper

112 100

64 54.5 47.9 71.9

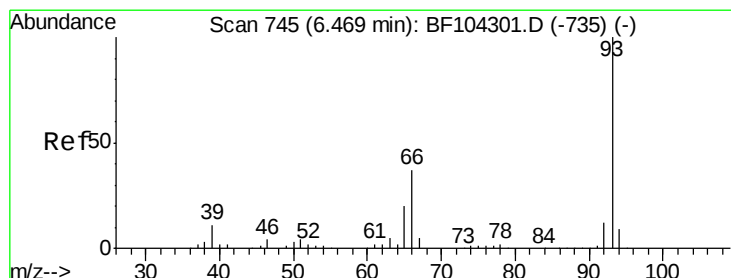
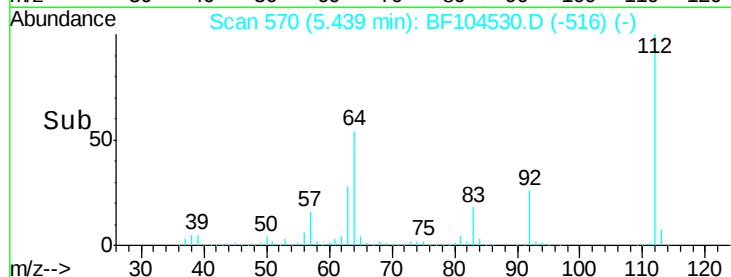
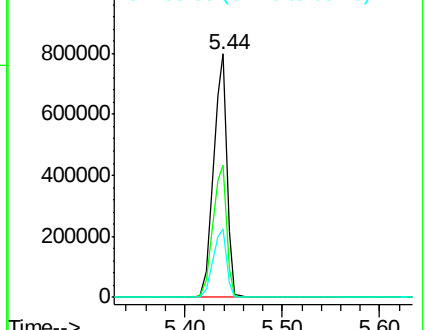
63 28.1 23.7 35.5



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: 28.293 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

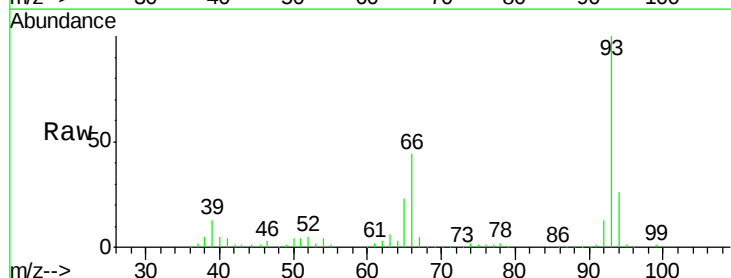
Tgt Ion: 93 Resp: 378370

Ion Ratio Lower Upper

93 100

66 44.0 32.2 48.2

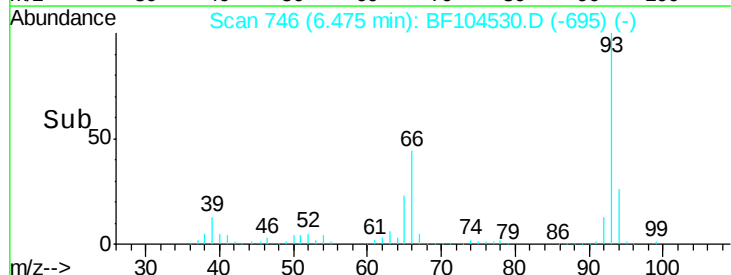
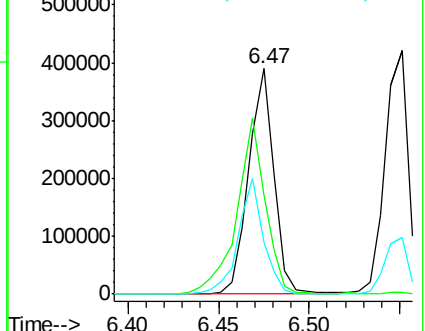
65 23.1 16.4 24.6

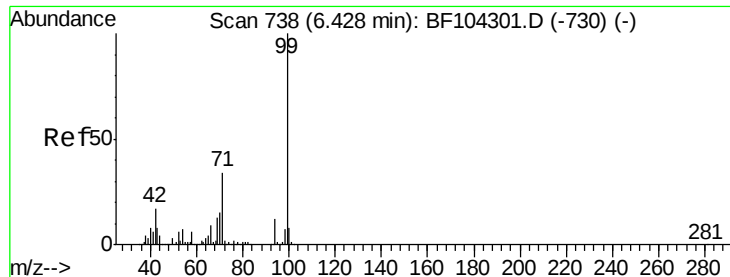


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.791 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

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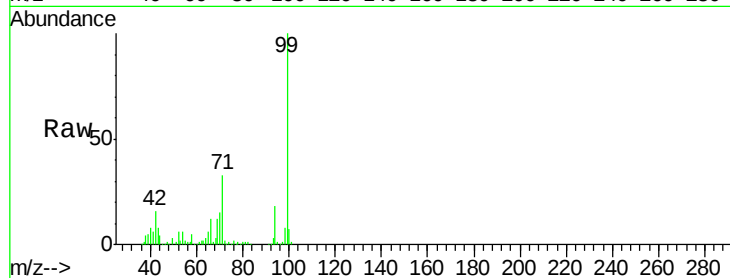
Tot Ion: 99 Resp: 873929

Ion Ratio Lower Upper

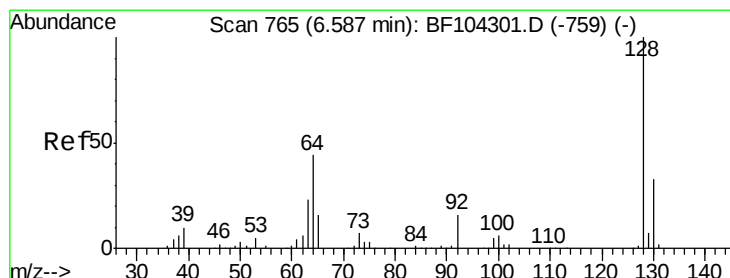
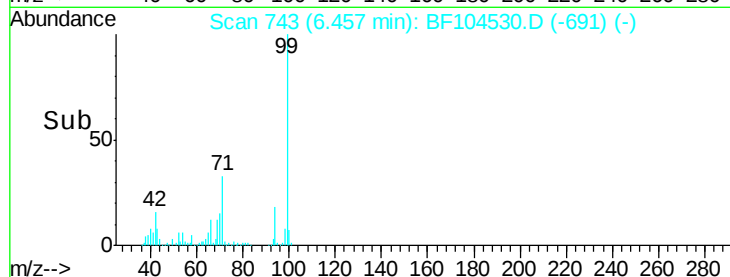
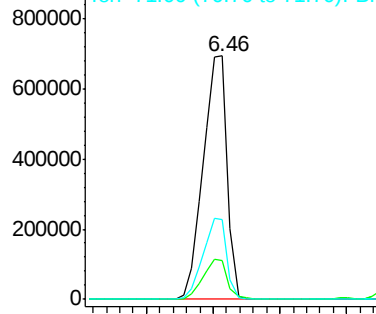
99 100

42 15.8 14.5 21.7

71 32.7 25.4 38.0



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



#8

2-Chlorophenol

Concen: 47.655 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

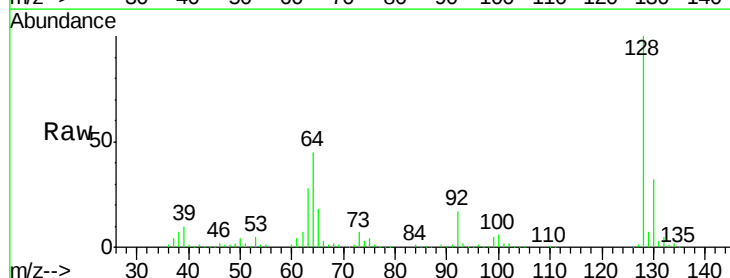
Tgt Ion: 128 Resp: 394052

Ion Ratio Lower Upper

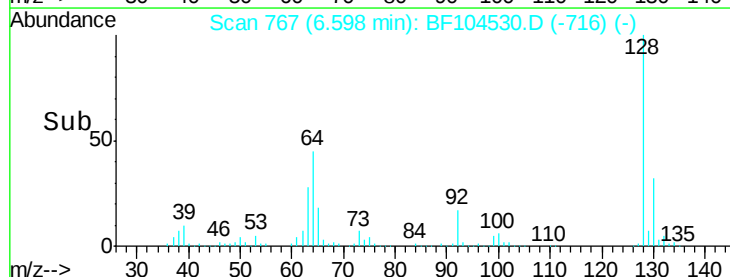
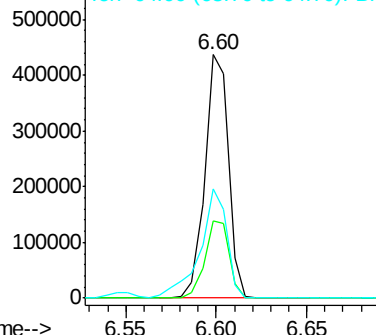
128 100

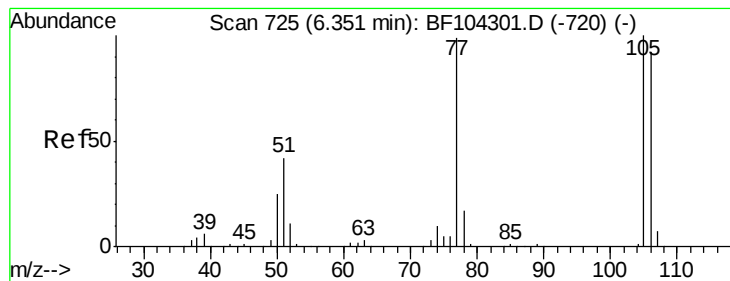
130 31.9 13.0 53.0

64 45.1 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: 2.106 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

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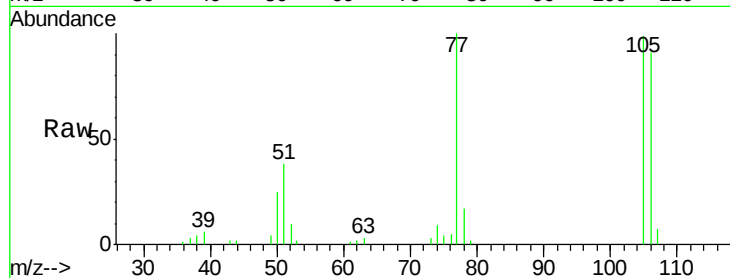
Tot Ion: 77 Resp: 21377

Ion Ratio Lower Upper

77 100

105 98.7 81.1 121.1

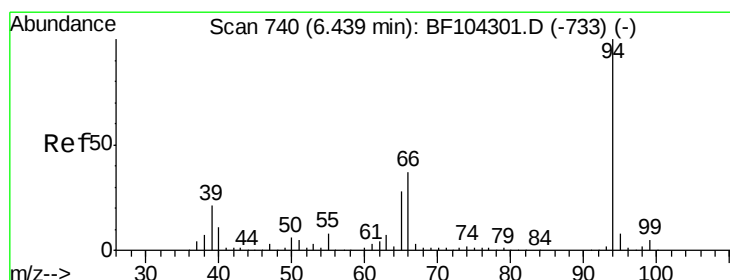
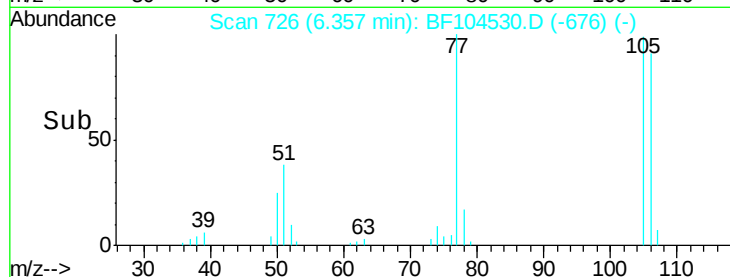
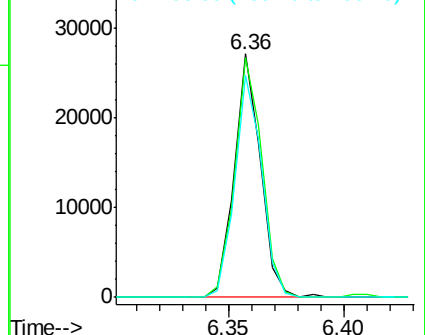
106 91.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 45.696 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

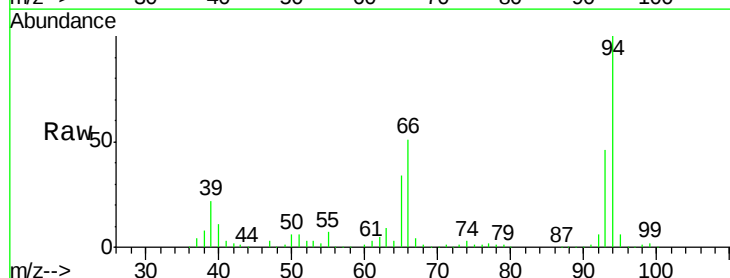
Tgt Ion: 94 Resp: 466703

Ion Ratio Lower Upper

94 100

65 33.5 7.9 47.9

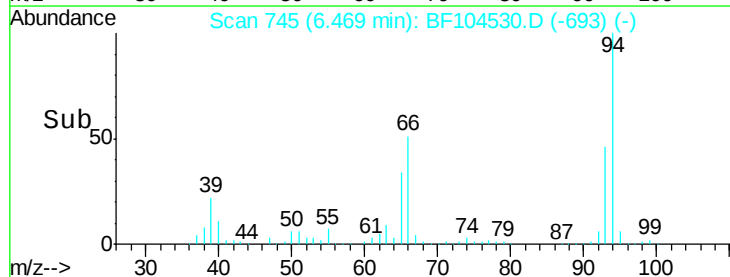
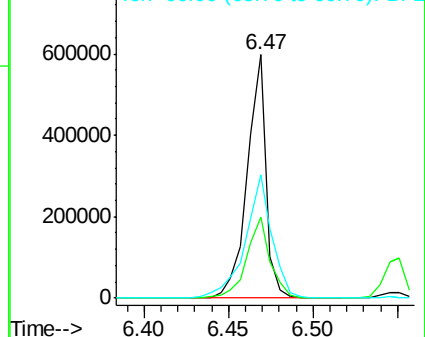
66 50.8 16.2 56.2

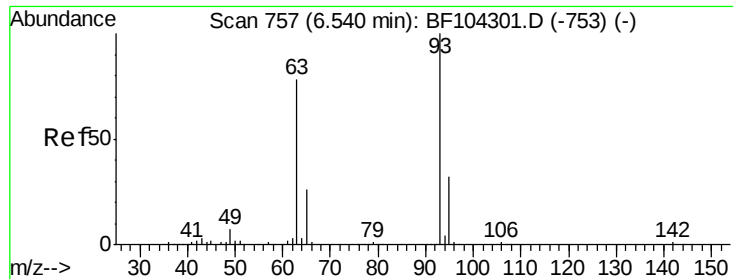


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

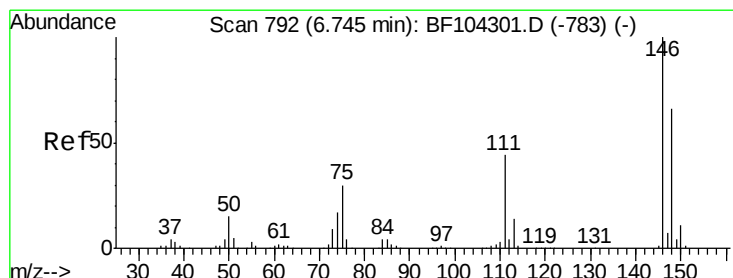
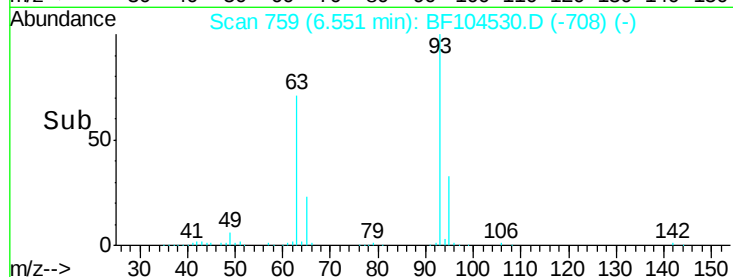
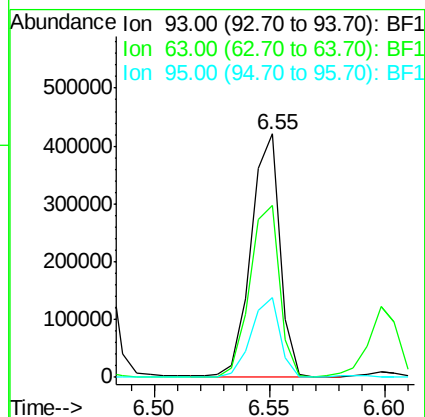
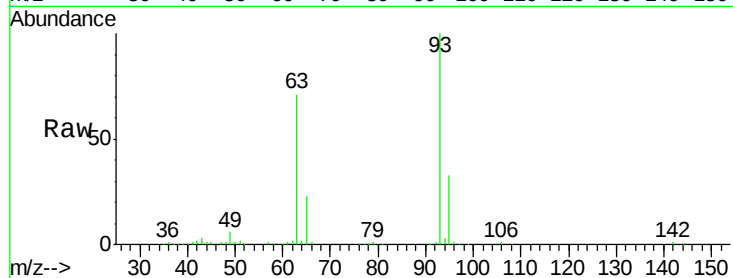




#11
bis(2-Chloroethyl)ether
Concen: 45.307 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

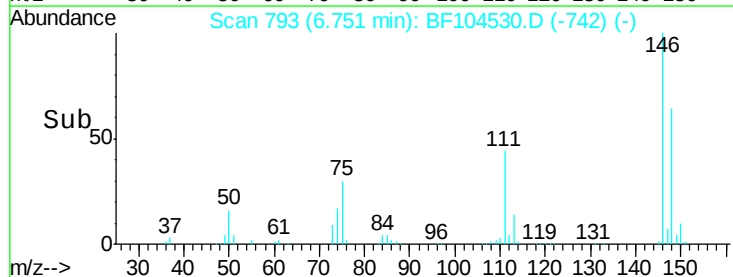
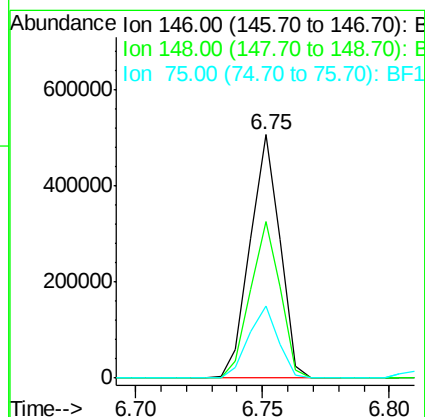
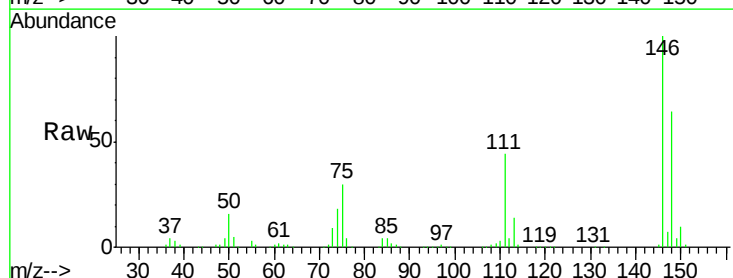
Instrument :
BNA_F
ClientSampleId :

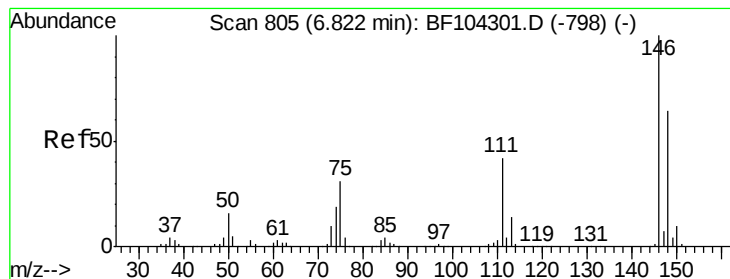
Tot Ion: 93 Resp: 369260
Ion Ratio Lower Upper
93 100
63 70.6 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 44.100 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion: 146 Resp: 413111
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 29.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 44.572 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

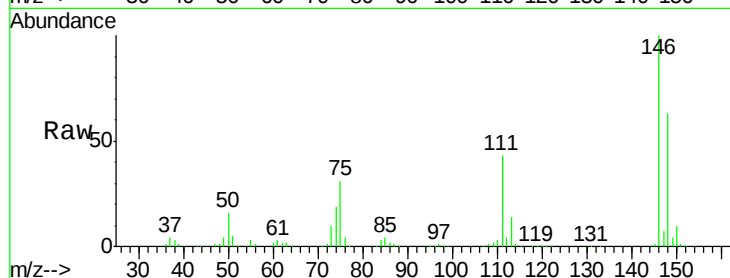
Tot Ion:146 Resp: 416214

Ion Ratio Lower Upper

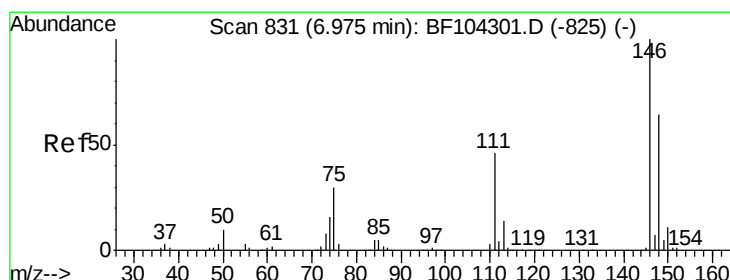
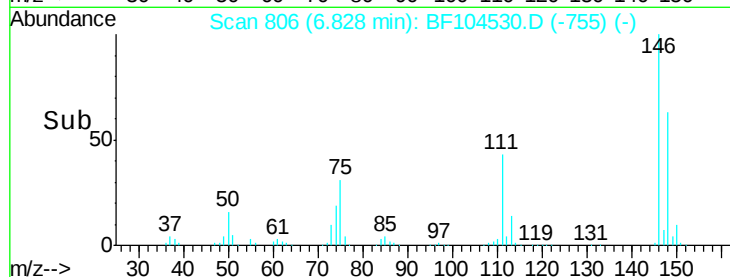
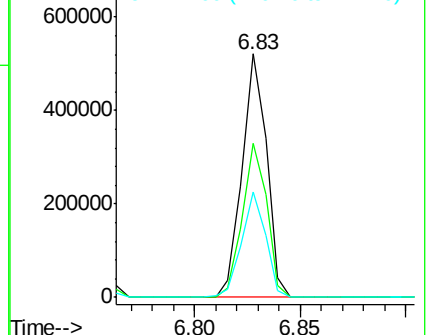
146 100

148 63.5 50.8 76.2

111 43.2 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: 44.909 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

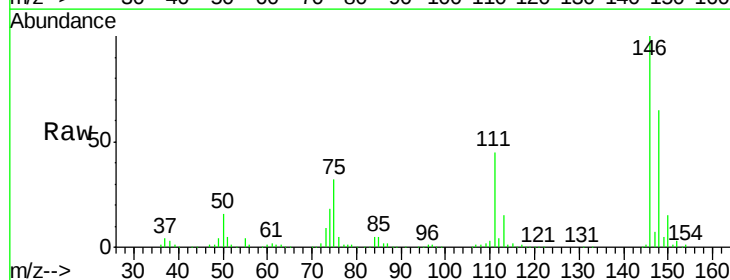
Tgt Ion:146 Resp: 388619

Ion Ratio Lower Upper

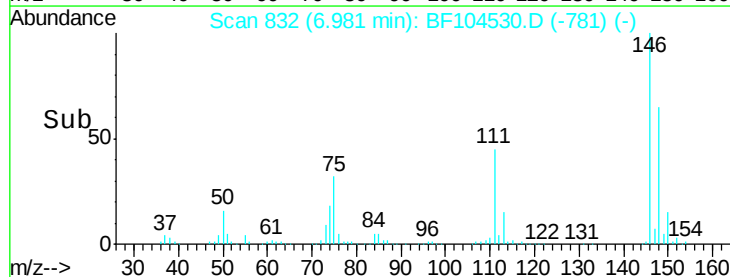
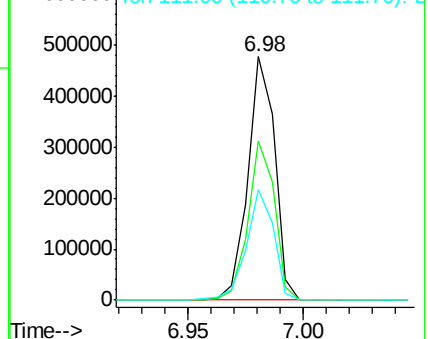
146 100

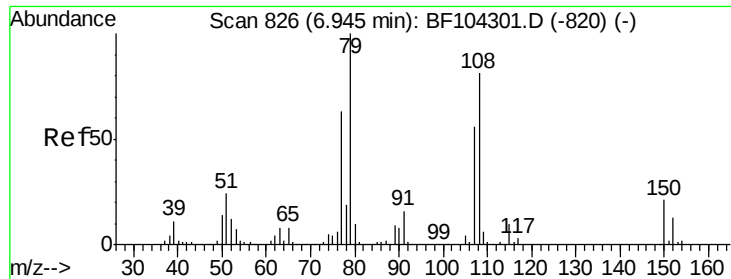
148 65.2 50.6 75.8

111 45.1 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

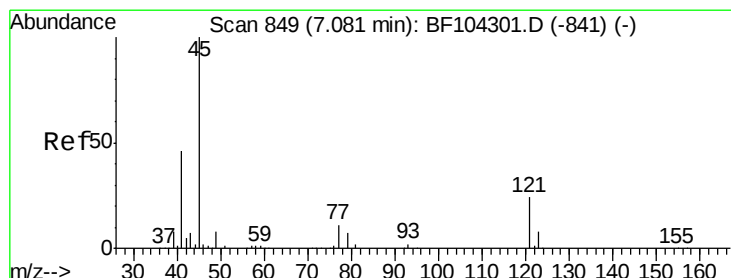
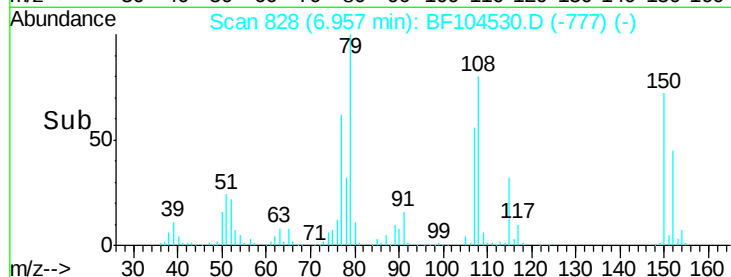
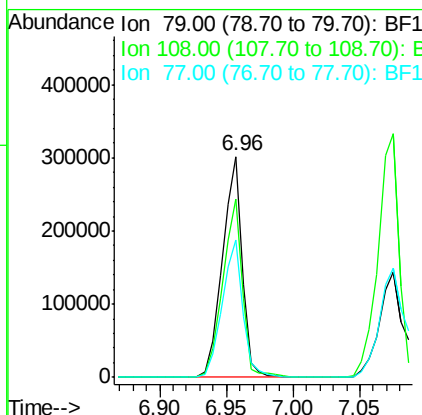
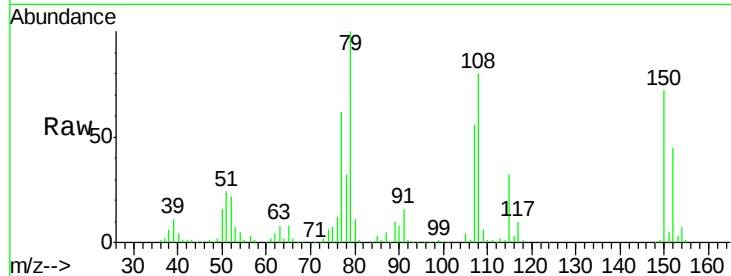




#15
Benzyl Alcohol
Concen: 43.396 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

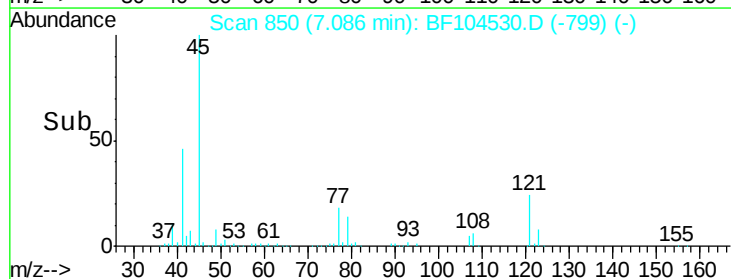
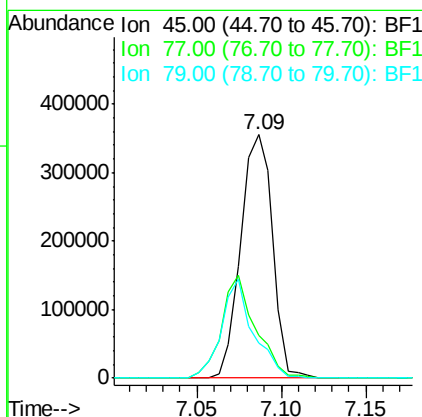
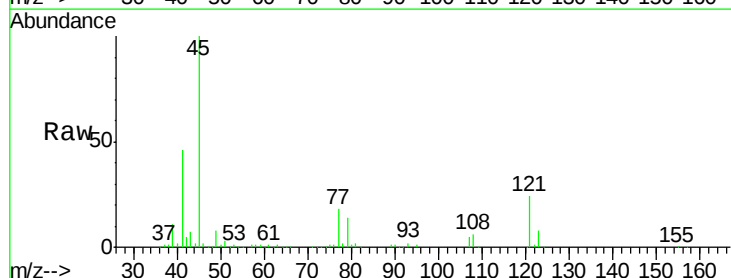
Instrument :
BNA_F
ClientSampled :

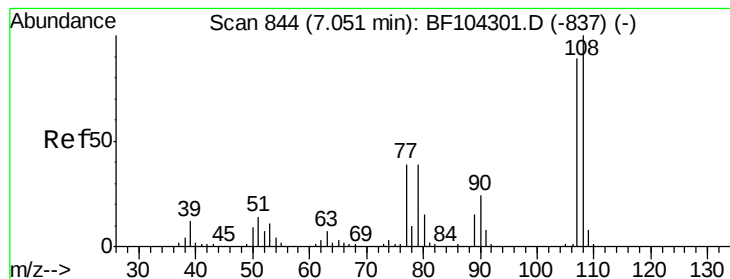
Tot Ion: 79 Resp: 317267
Ion Ratio Lower Upper
79 100
108 80.5 65.1 97.7
77 62.3 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.729 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion: 45 Resp: 467684
Ion Ratio Lower Upper
45 100
77 17.6 0.0 32.9
79 14.4 0.0 29.6





#17

2-Methylphenol

Concen: 44.932 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 322957

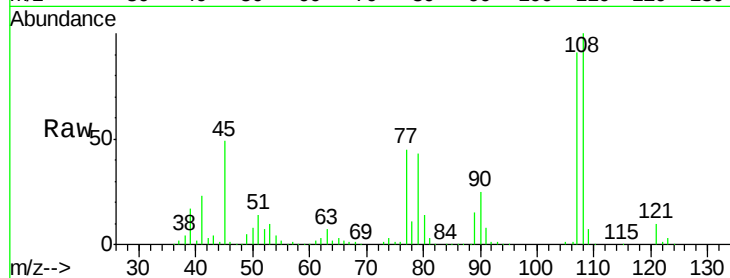
Ion Ratio Lower Upper

107 100

108 110.0 91.7 137.5

77 49.6 33.8 50.8

79 47.5 33.8 50.8

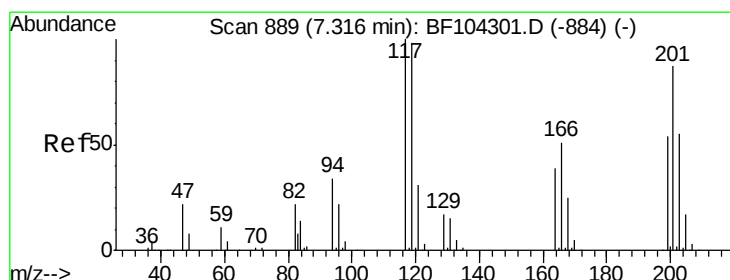
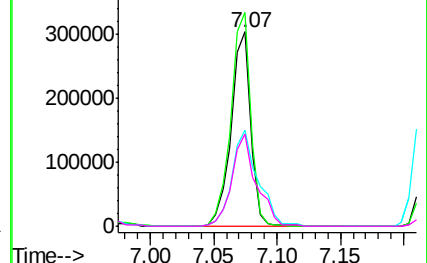
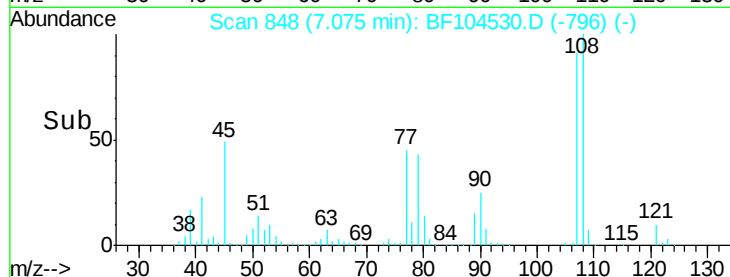


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 43.149 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

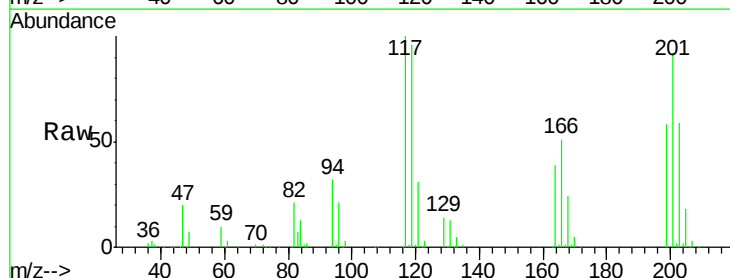
Tgt Ion:117 Resp: 143659

Ion Ratio Lower Upper

117 100

119 95.5 75.8 113.8

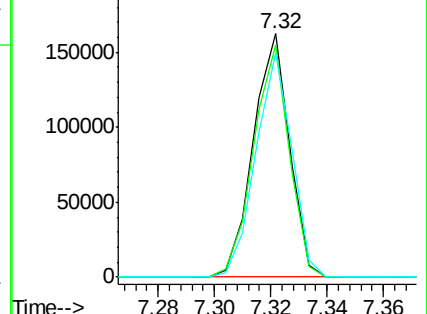
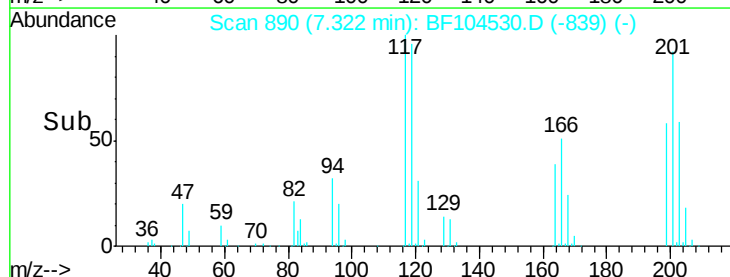
201 92.2 75.7 113.5

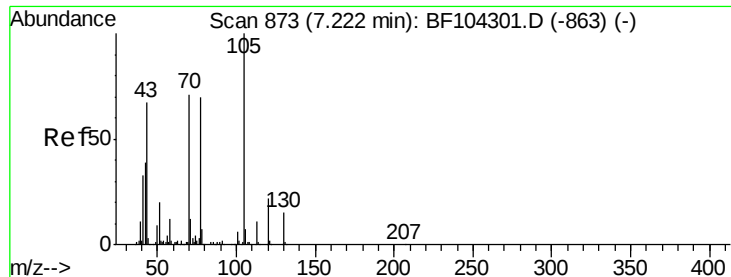


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

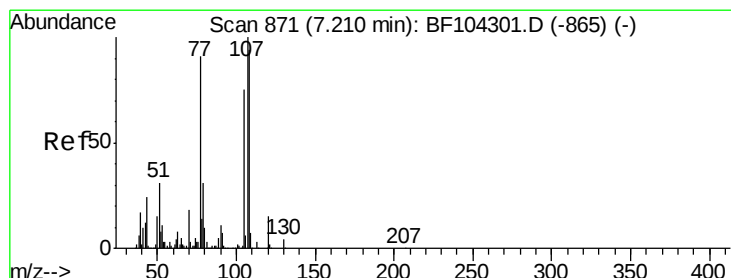
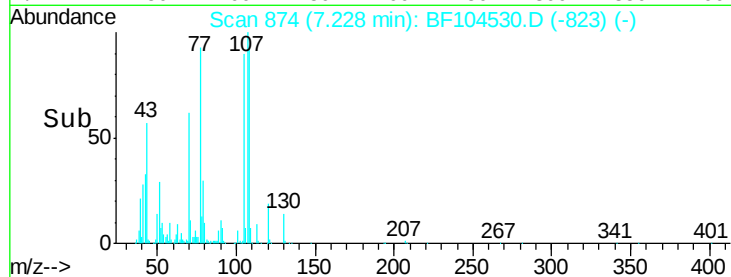
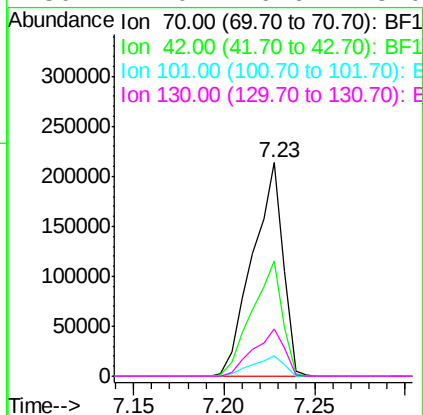
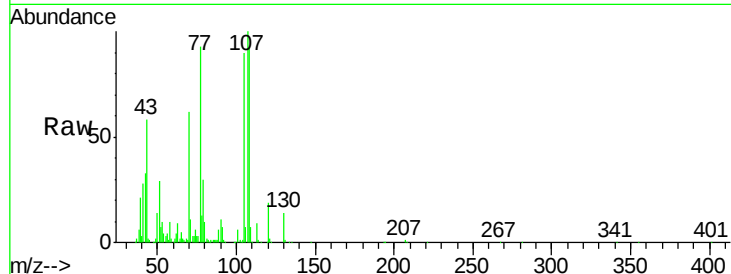




#19
n-Nitroso-di-n-propylamine
Concen: 39.971 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

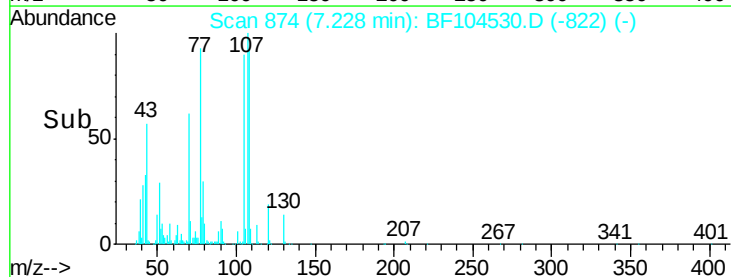
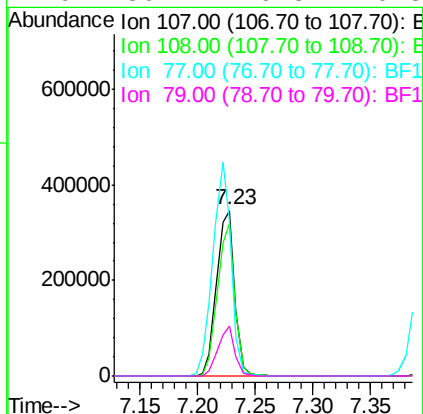
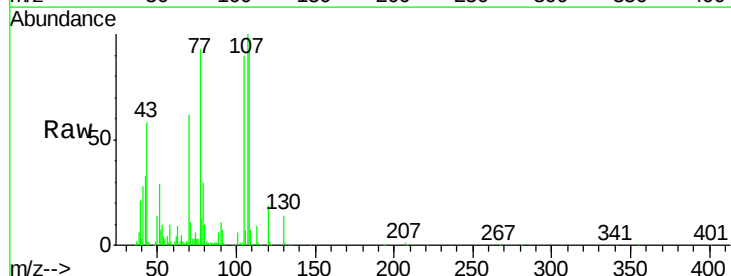
Instrument :
BNA_F
ClientSampleId :

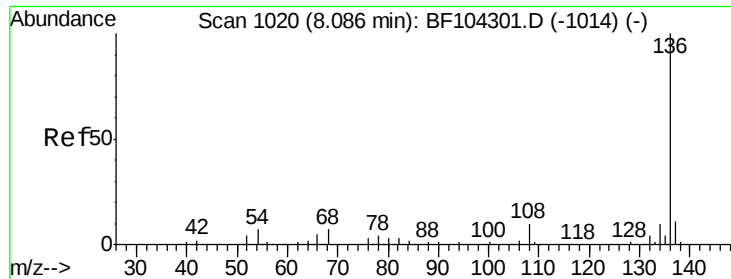
Tot Ion: 70 Resp: 251417
Ion Ratio Lower Upper
70 100
42 54.0 47.5 71.3
101 9.6 7.4 11.2
130 22.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.149 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion: 107 Resp: 375730
Ion Ratio Lower Upper
107 100
108 91.9 68.2 108.2
77 93.4 26.7 66.7#
79 30.1 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 576216

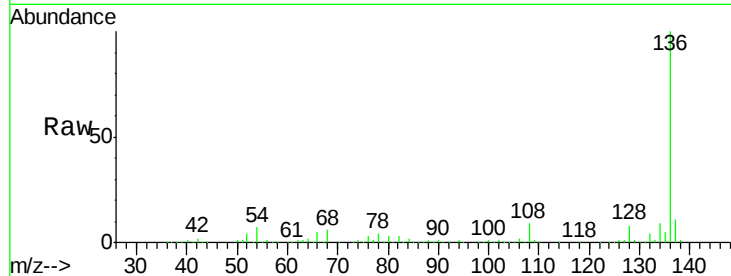
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.5 6.6 9.8#

68 5.9 5.0 7.4

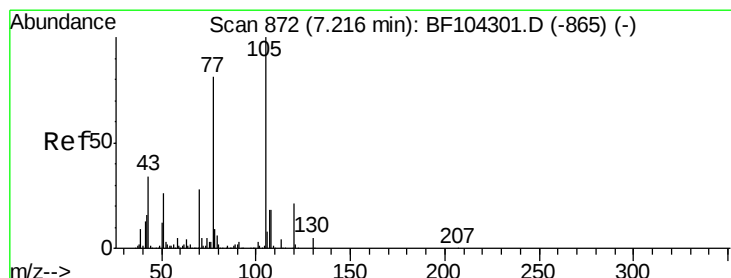
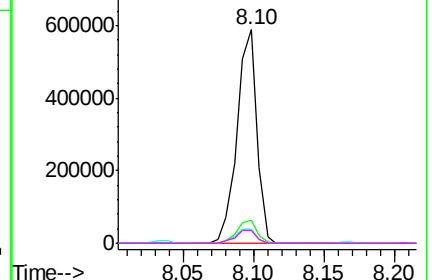
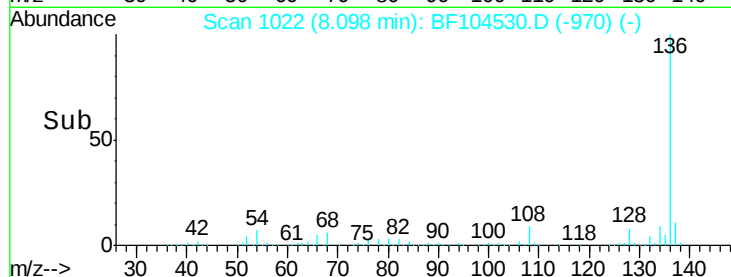


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.063 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Tgt Ion:105 Resp: 511590

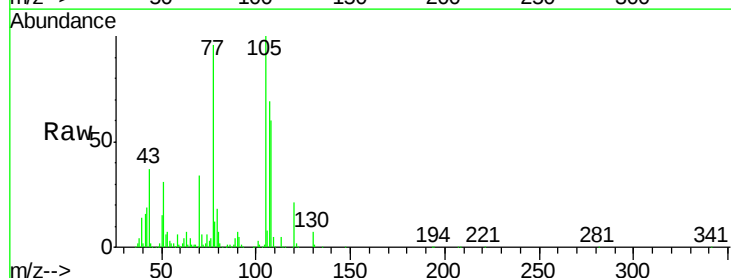
Ion Ratio Lower Upper

105 100

71 5.8 4.4 6.6

51 31.2 22.3 33.5

120 20.9 16.9 25.3

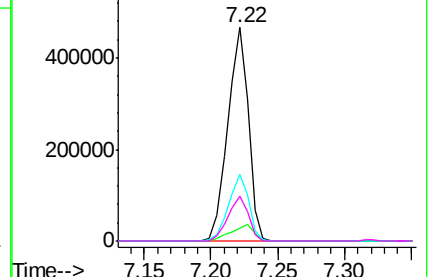
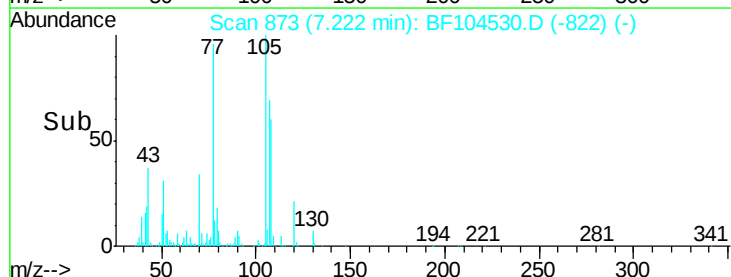


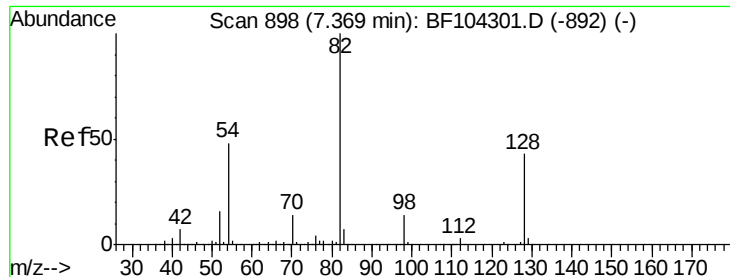
Abundance Ion 105.00 (104.70 to 105.70): E

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

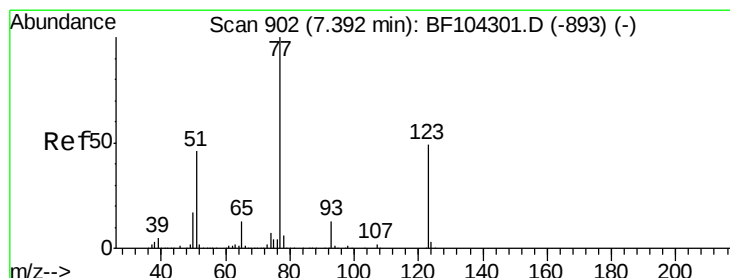
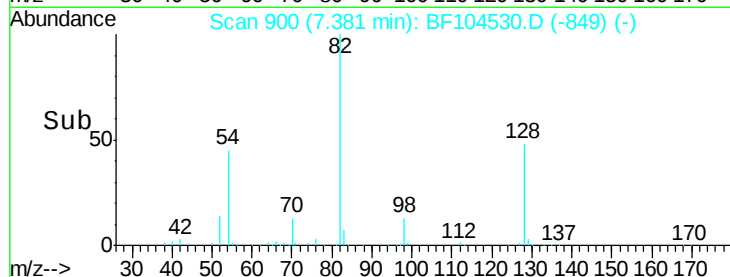
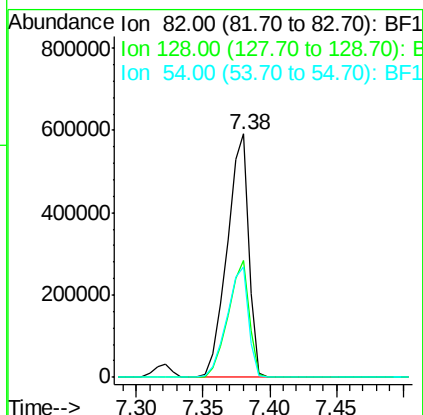
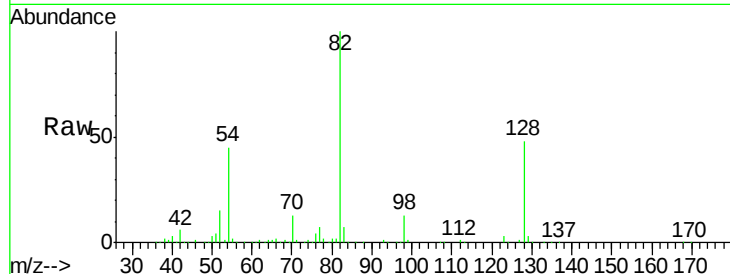




#23
 Nitrobenzene-d5
 Concen: 76.812 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

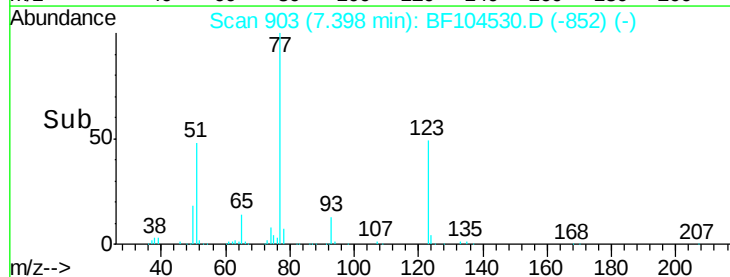
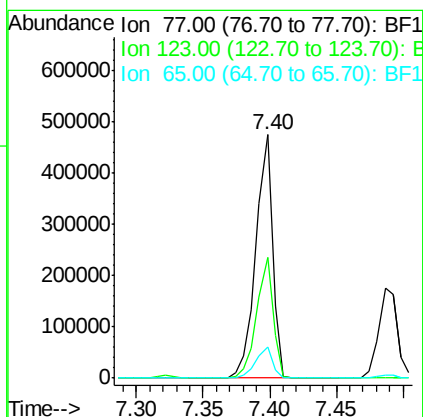
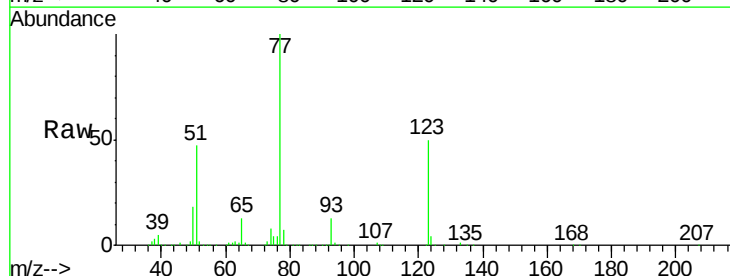
Instrument :
 BNA_F
 ClientSampleId :

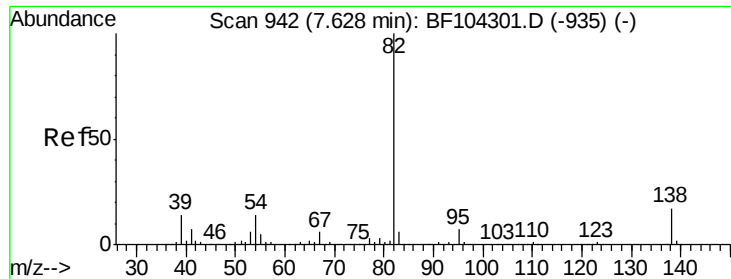
Tot Ion: 82 Resp: 677822
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.1 54.1
 54 45.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 41.876 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion: 77 Resp: 407983
 Ion Ratio Lower Upper
 77 100
 123 49.7 37.9 56.9
 65 13.0 11.0 16.4





#25

Isophorone

Concen: 45.767 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

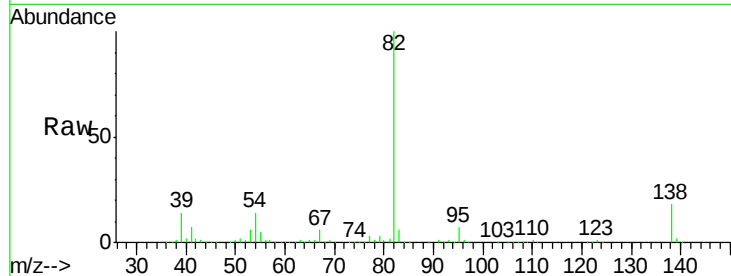
Tot Ion: 82 Resp: 854034

Ion Ratio Lower Upper

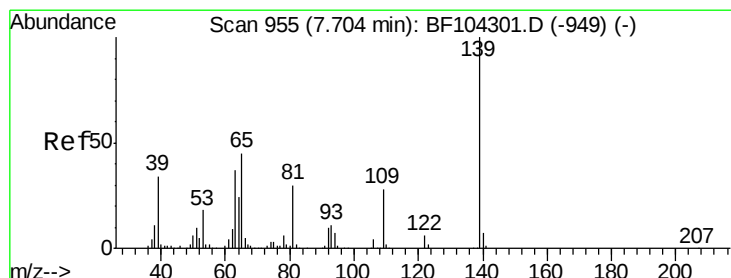
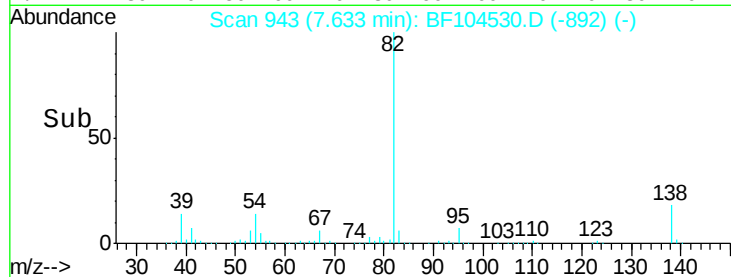
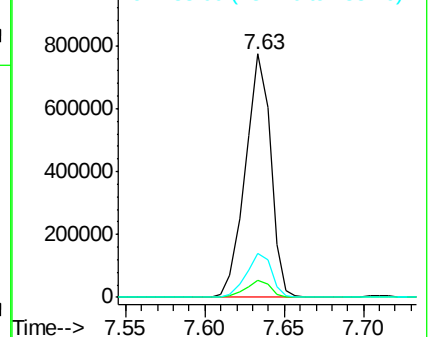
82 100

95 6.8 5.2 7.8

138 17.9 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: 56.130 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

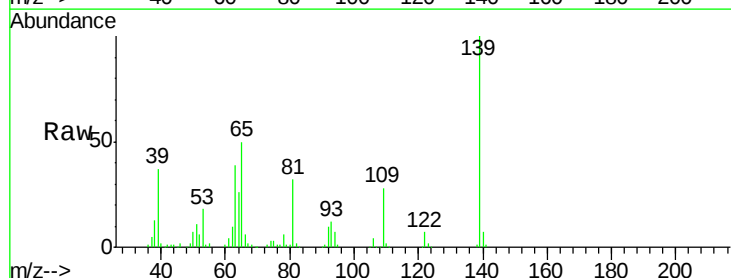
Tgt Ion: 139 Resp: 222626

Ion Ratio Lower Upper

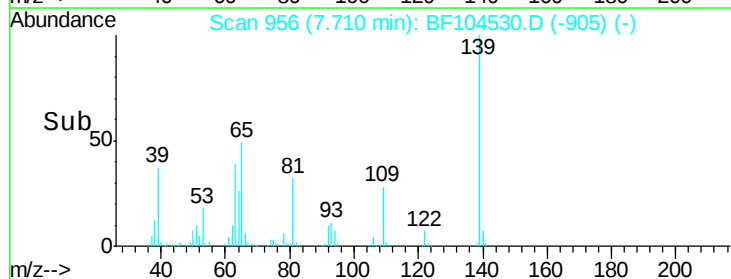
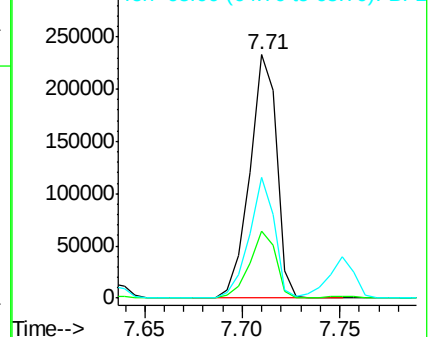
139 100

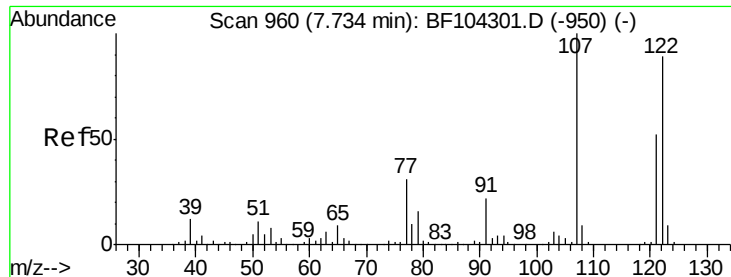
109 27.8 22.7 34.1

65 49.5 40.5 60.7



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

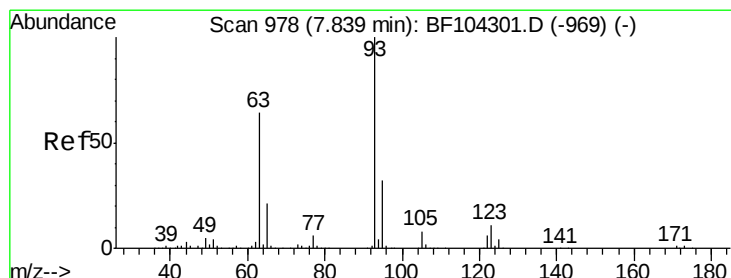
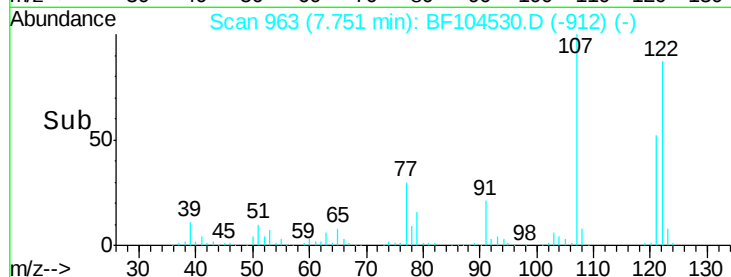
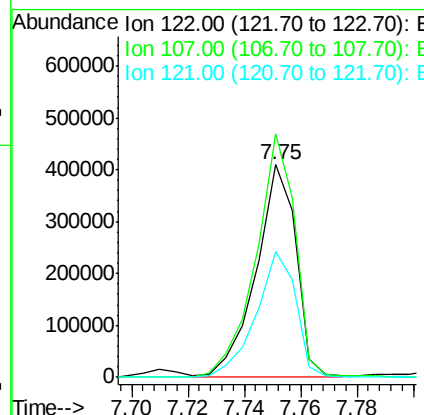
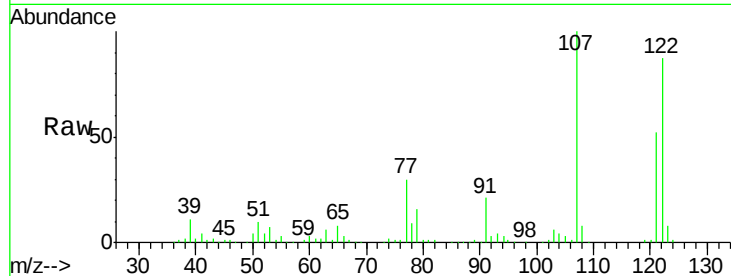




#27
 2,4-Dimethylphenol
 Concen: 48.926 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

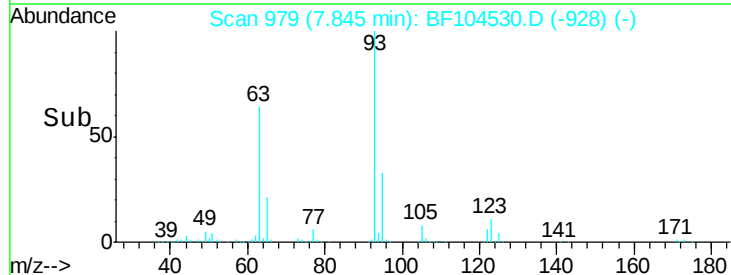
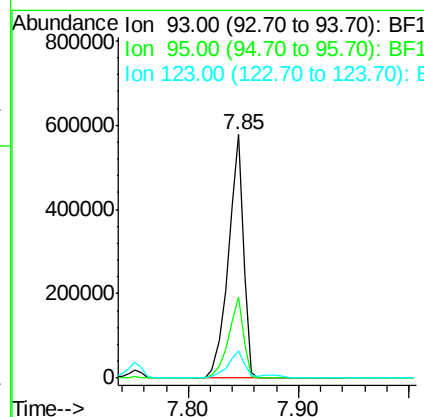
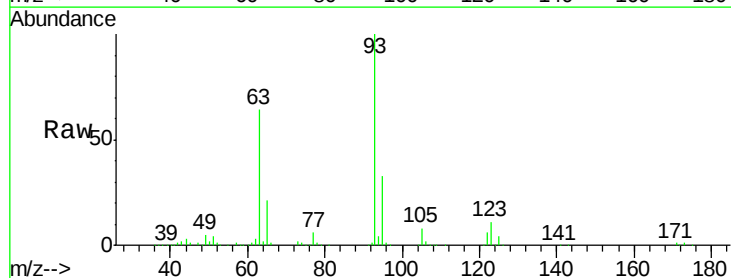
Instrument :
 BNA_F
 ClientSampleId :

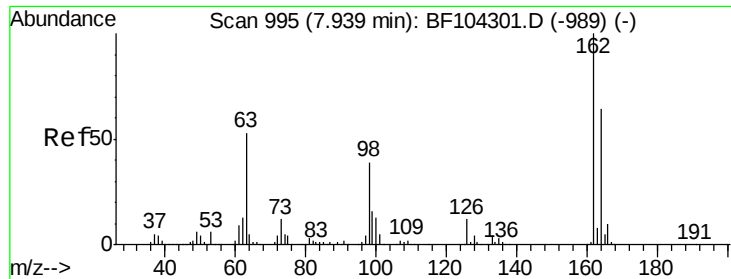
Tot Ion:122 Resp: 402927
 Ion Ratio Lower Upper
 122 100
 107 114.4 91.2 136.8
 121 59.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.502 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion: 93 Resp: 553368
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.4 9.8 14.6

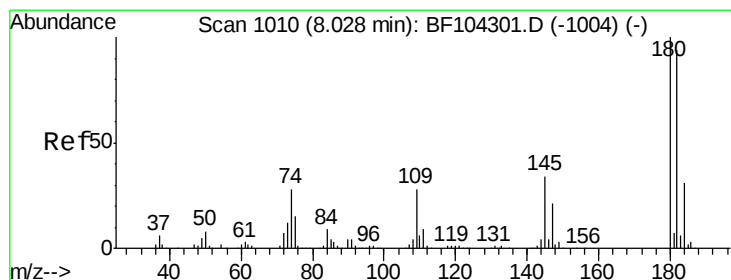
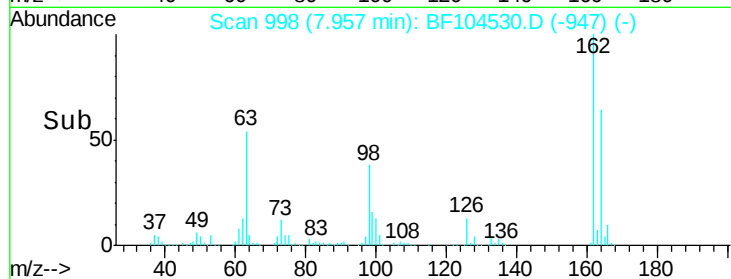
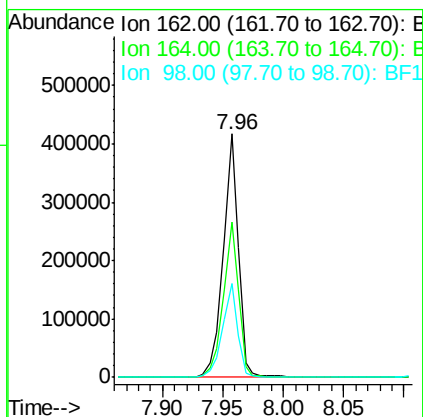
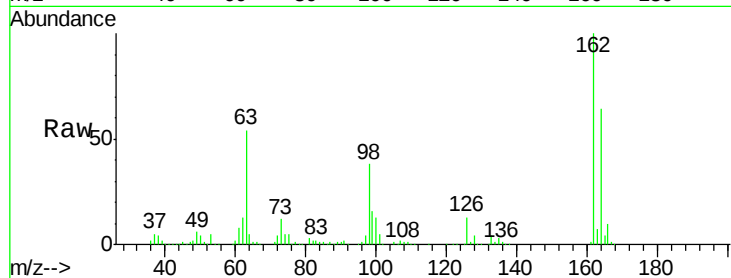




#29
 2,4-Dichlorophenol
 Concen: 46.360 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

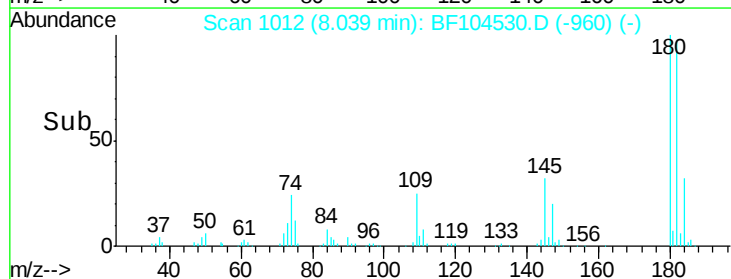
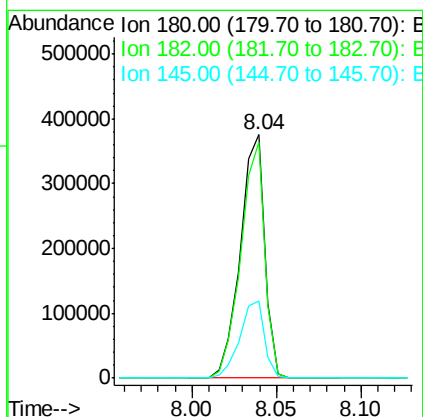
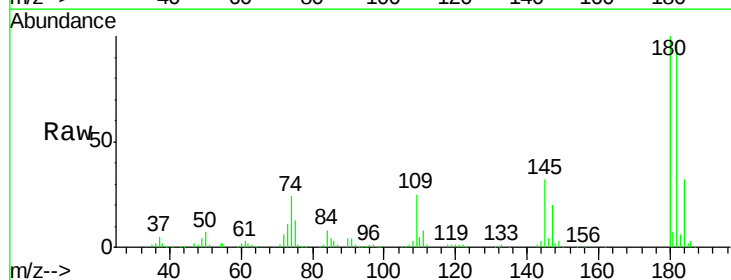
Instrument :
 BNA_F
 ClientSampled :

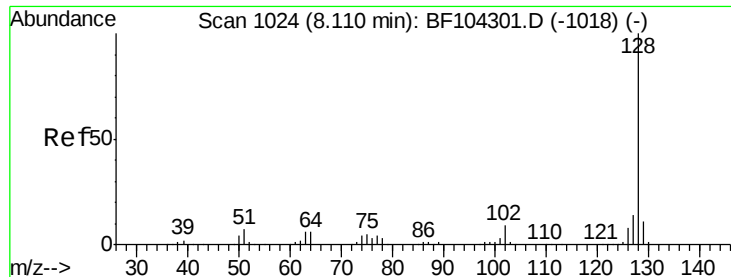
Tot Ion:162 Resp: 364292
 Ion Ratio Lower Upper
 162 100
 164 63.8 42.7 82.7
 98 38.4 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.972 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion:180 Resp: 379199
 Ion Ratio Lower Upper
 180 100
 182 97.1 76.8 115.2
 145 31.9 26.5 39.7

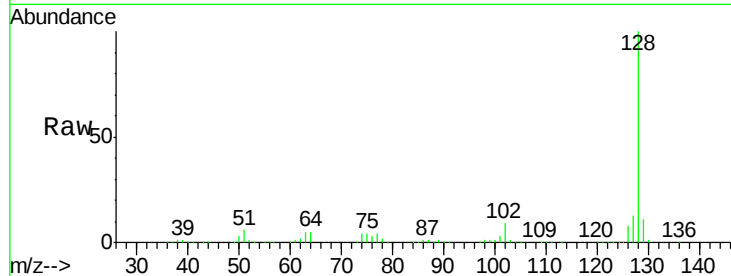




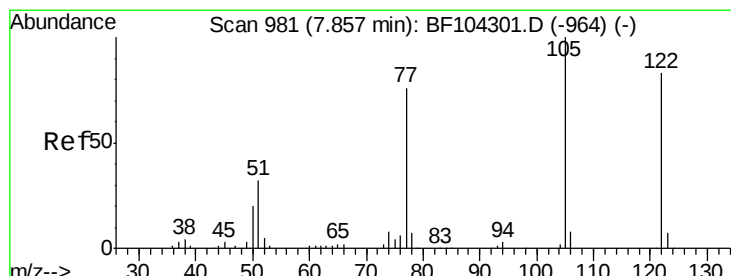
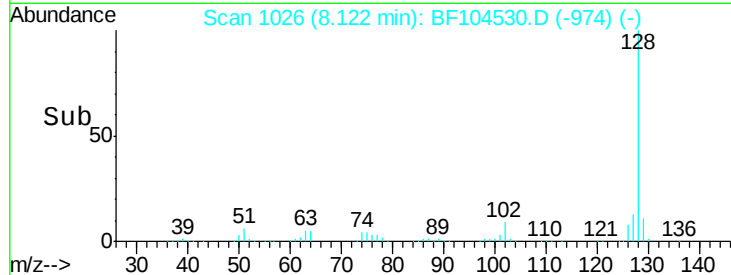
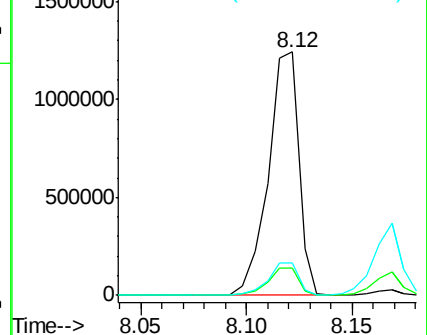
#31
Naphthalene
Concen: 43.731 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1254748
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.9 16.3

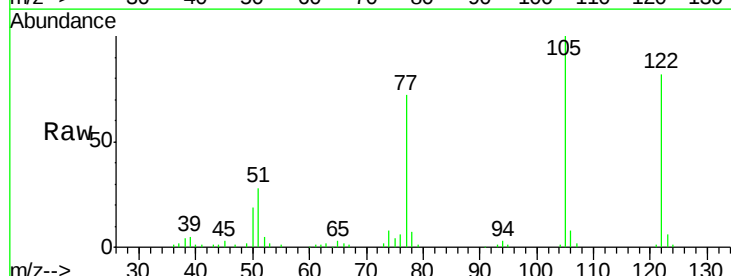


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

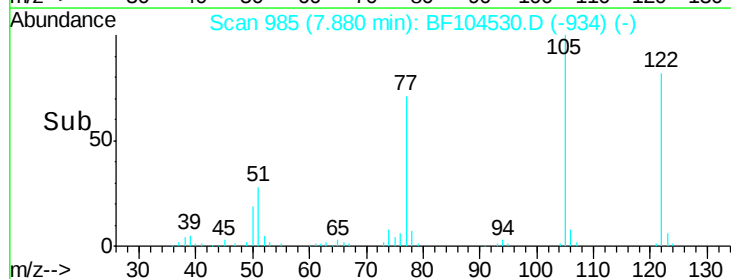
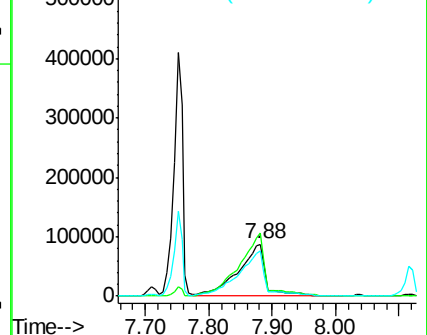


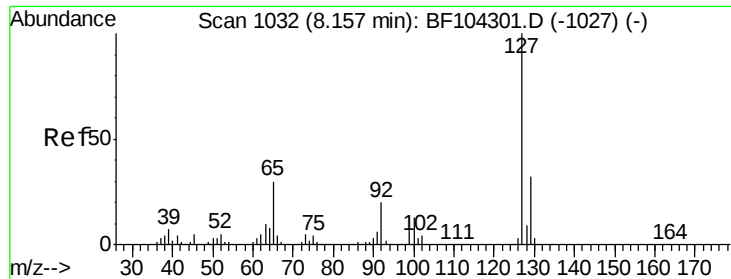
#32
Benzoic acid
Concen: 38.917 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion:122 Resp: 255723
Ion Ratio Lower Upper
122 100
105 121.7 101.1 141.1
77 87.2 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

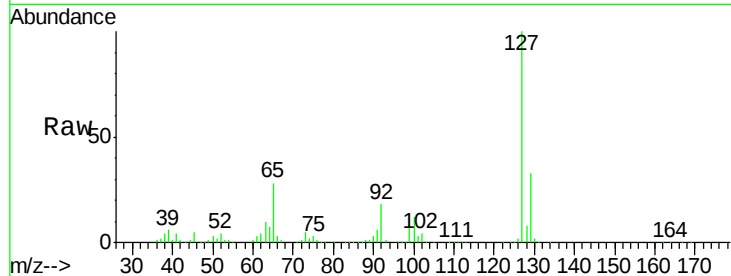




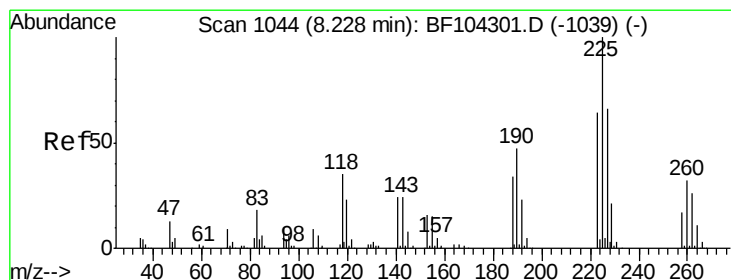
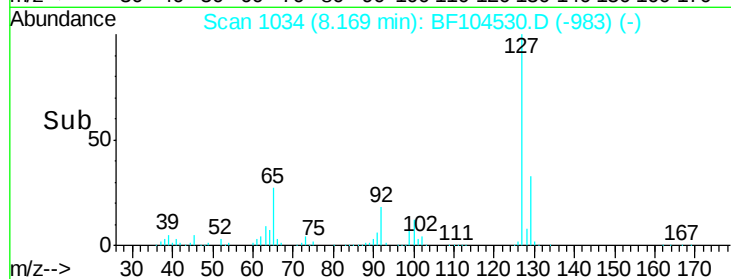
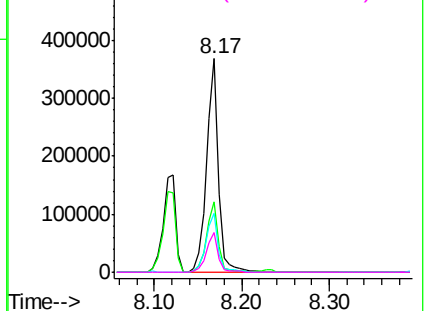
#33
4-Chloroaniline
Concen: 28.091 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	345303
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	27.7	25.0	37.4
92	18.4	15.2	22.8

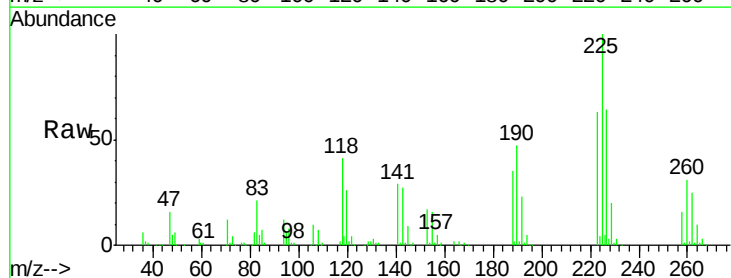


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

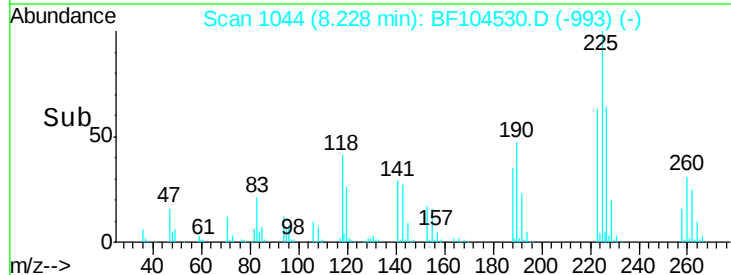
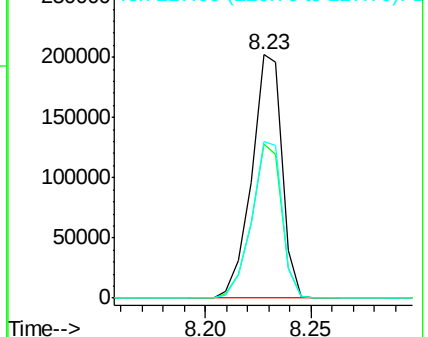


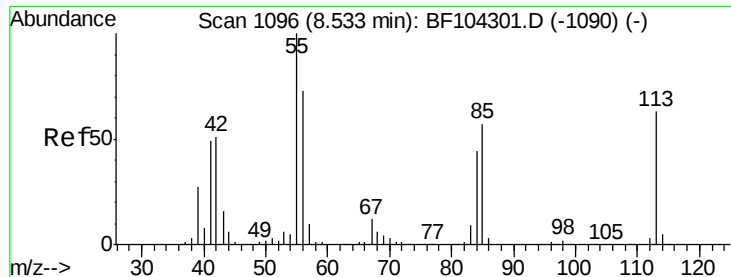
#34
Hexachlorobutadiene
Concen: 42.805 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion:	225	Resp:	202191
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	64.4	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

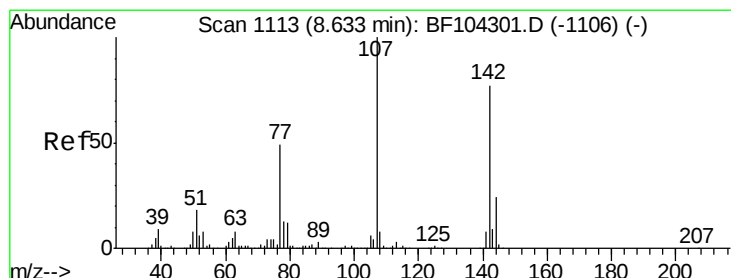
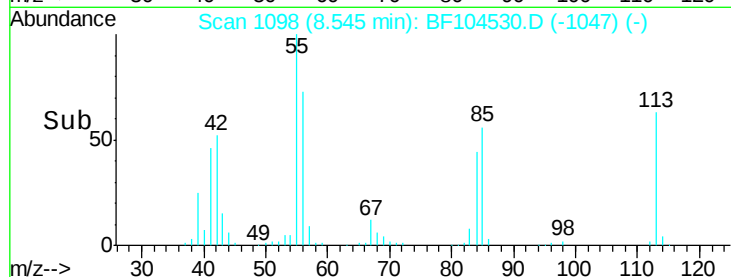
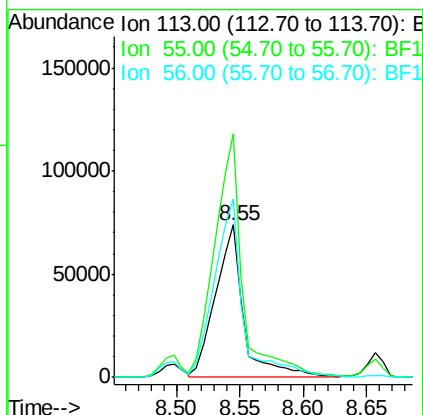
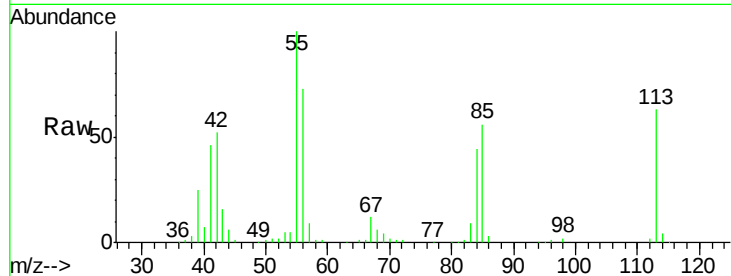




#35
 Caprolactam
 Concen: 42.008 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

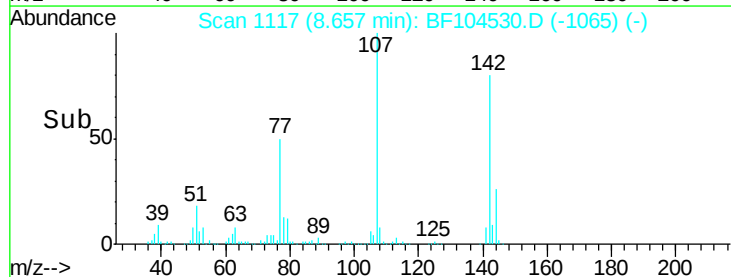
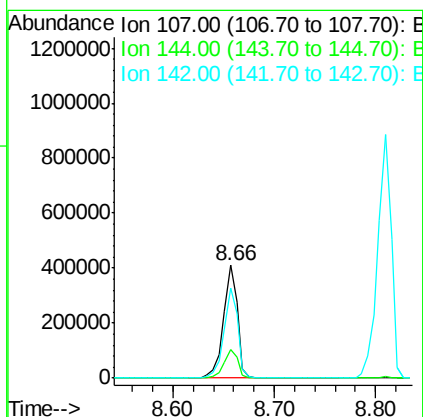
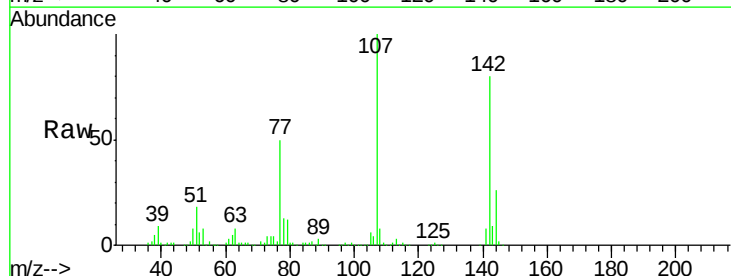
Instrument :
 BNA_F
 ClientSampleID :

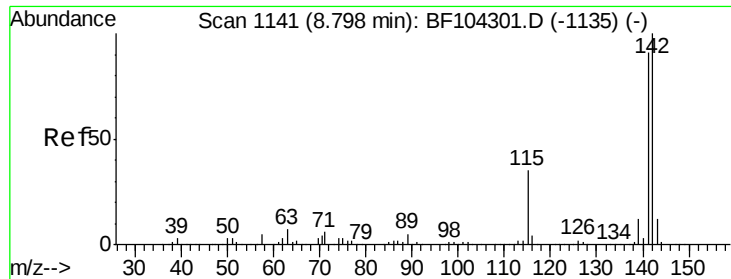
Tot Ion:113 Resp: 115152
 Ion Ratio Lower Upper
 113 100
 55 159.8 163.3 203.3#
 56 117.0 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.987 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion:107 Resp: 387473
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 79.5 62.0 93.0

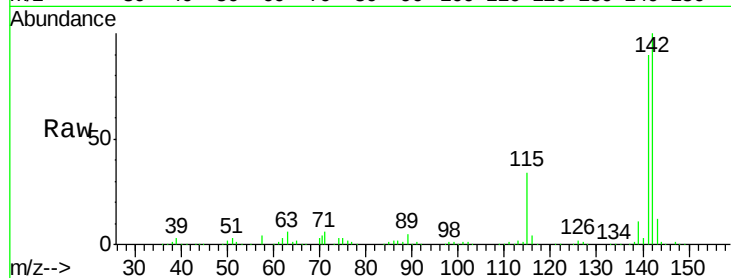




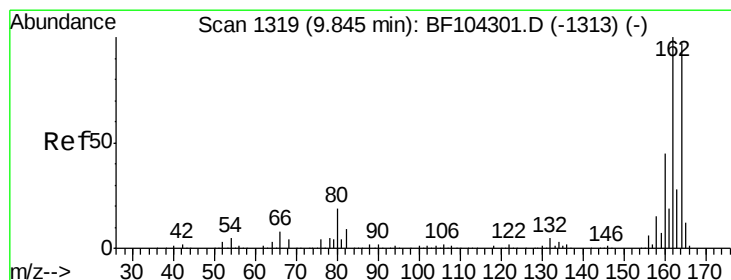
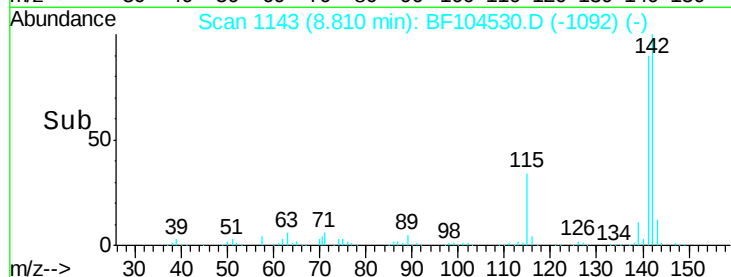
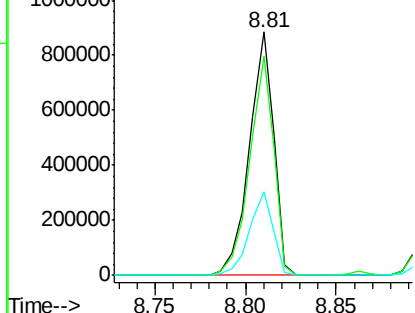
#37
 2-Methylnaphthalene
 Concen: 44.456 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:142 Resp: 825082
 Ion Ratio Lower Upper
 142 100
 141 89.9 70.8 106.2
 115 34.1 26.1 39.1

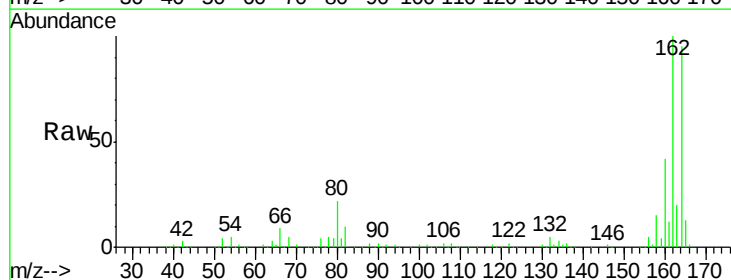


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

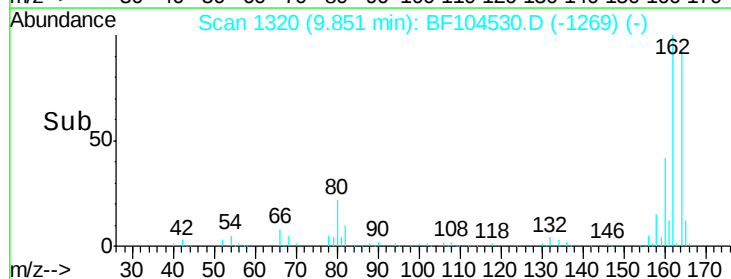
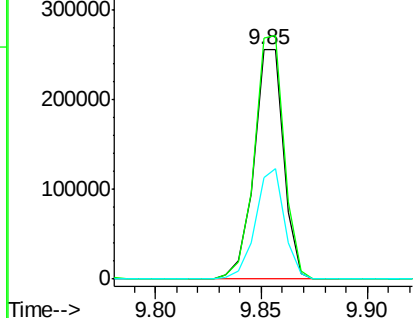


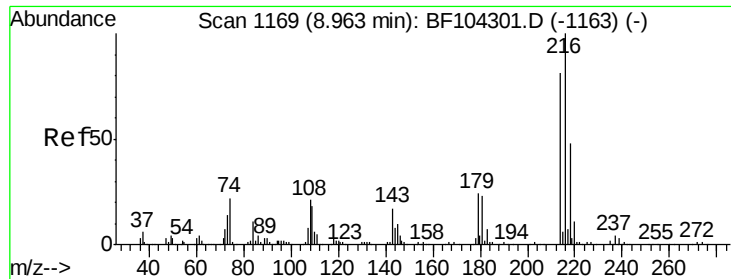
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion:164 Resp: 251776
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 44.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

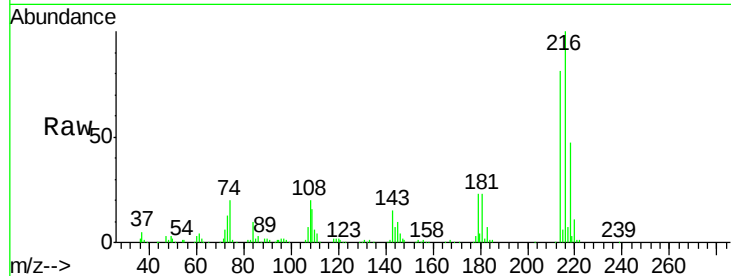




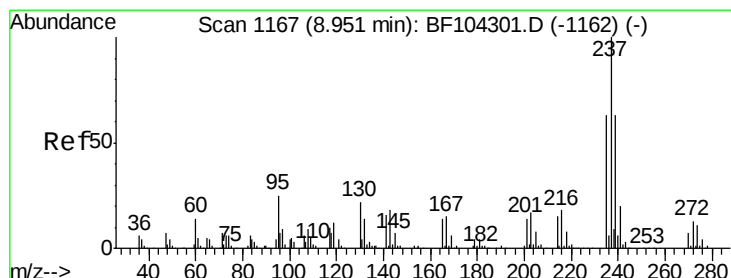
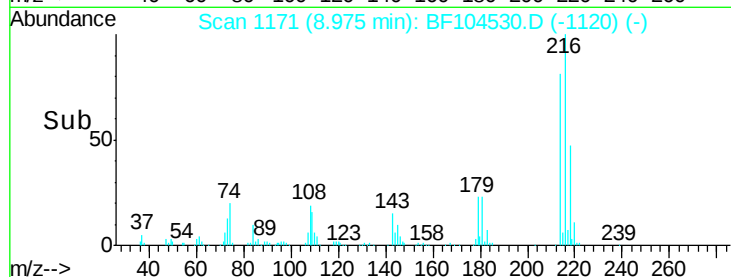
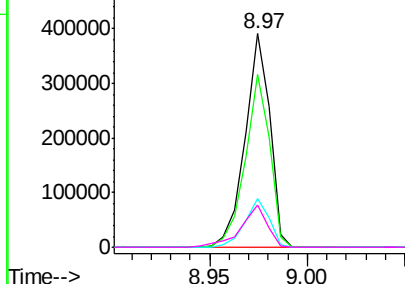
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.844 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	344827
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	22.5	18.1	27.1
108	20.7	17.2	25.8

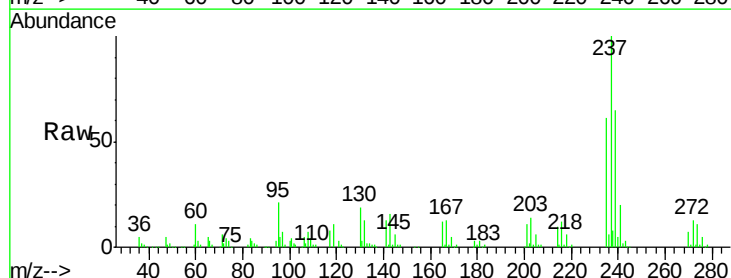


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

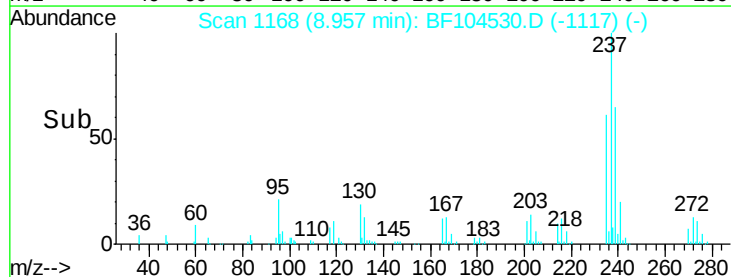
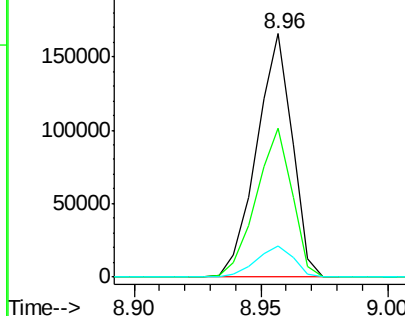


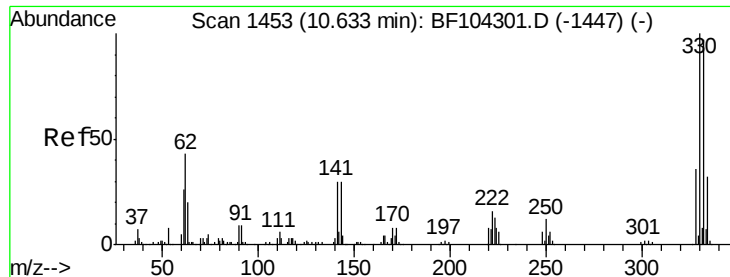
#40
 Hexachlorocyclopentadiene
 Concen: 40.164 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion:	237	Resp:	162056
Ion	Ratio	Lower	Upper
237	100		
235	61.2	44.8	84.8
272	13.0	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: 87.219 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

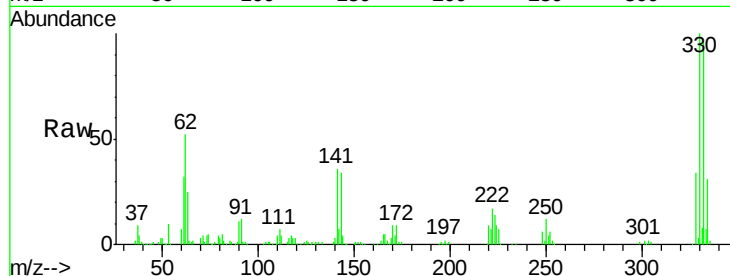
Tot Ion:330 Resp: 227794

Ion Ratio Lower Upper

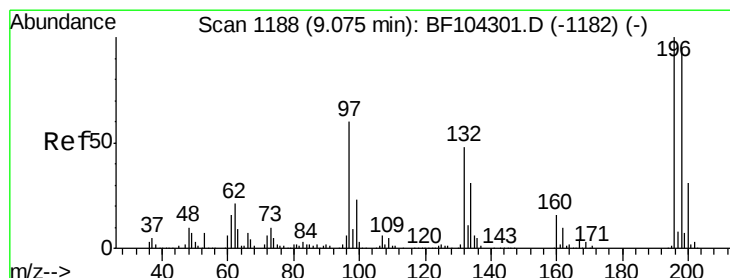
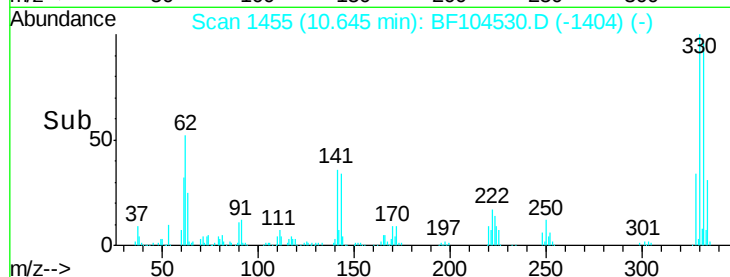
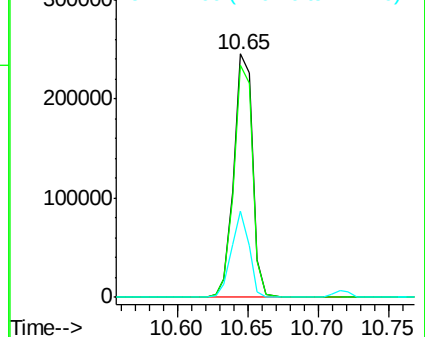
330 100

332 95.4 77.0 115.6

141 33.4 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: 47.896 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.01 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

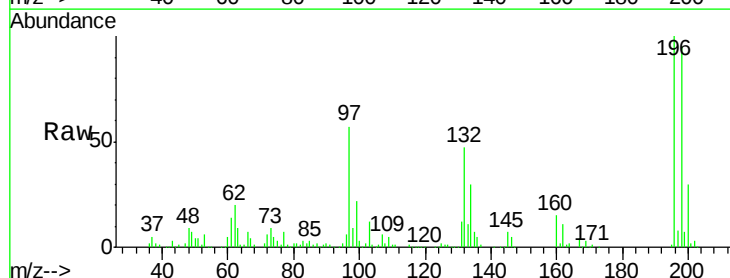
Tgt Ion:196 Resp: 239631

Ion Ratio Lower Upper

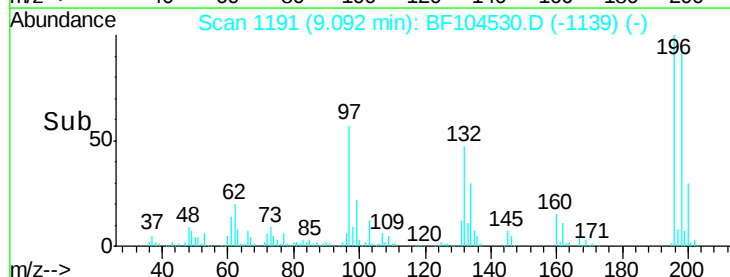
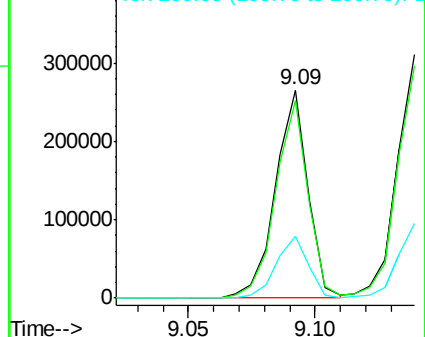
196 100

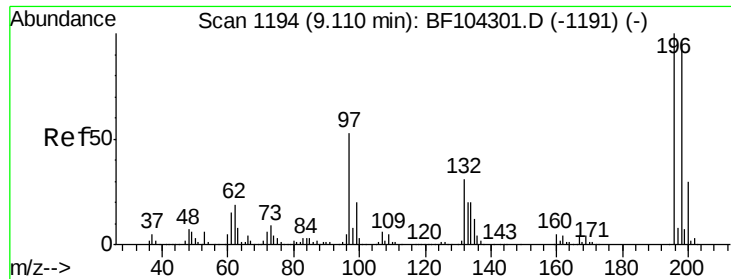
198 94.8 75.7 113.5

200 29.8 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

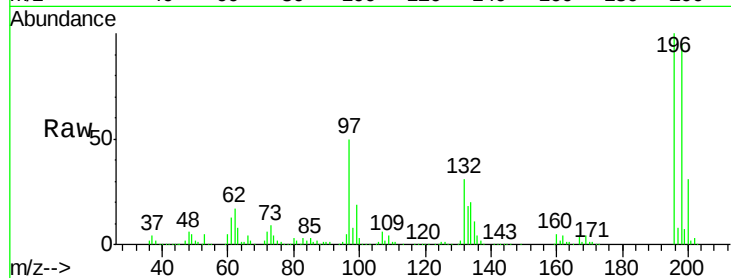




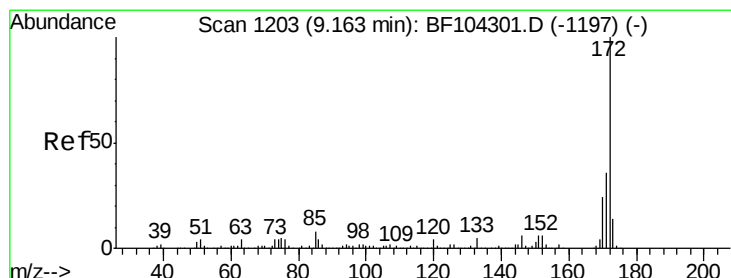
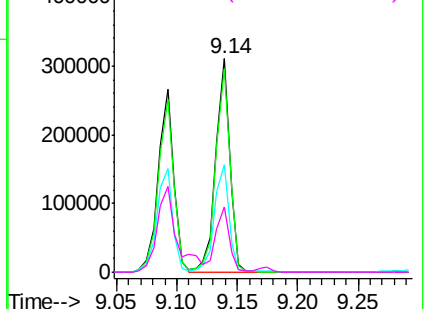
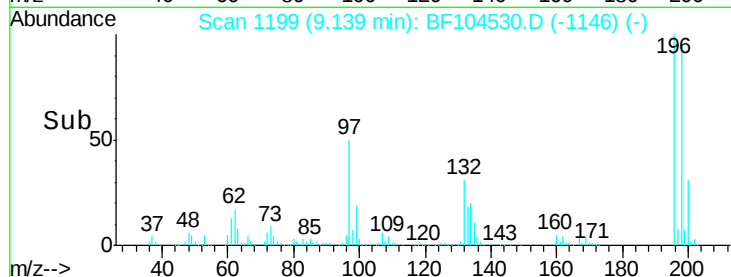
#43
 2,4,5-Trichlorophenol
 Concen: 44.679 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 250148
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.6 112.0
 97 50.2 42.9 64.3
 132 30.6 26.3 39.5

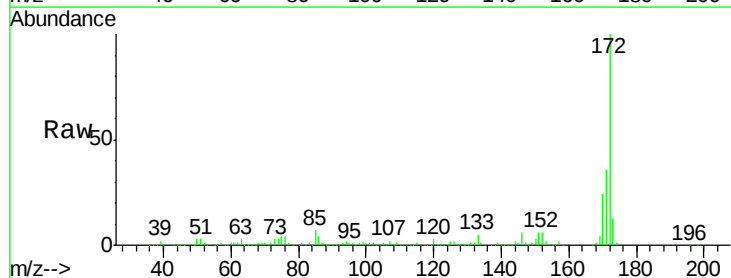


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

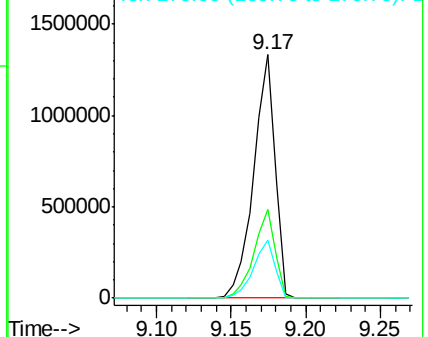
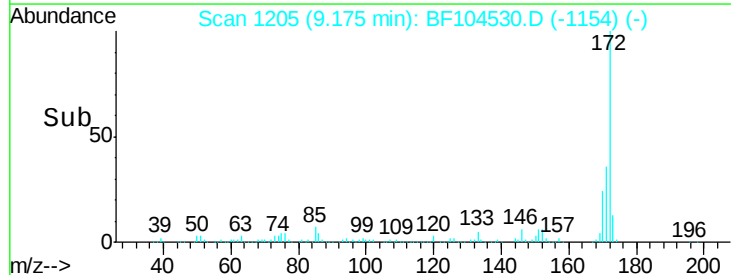


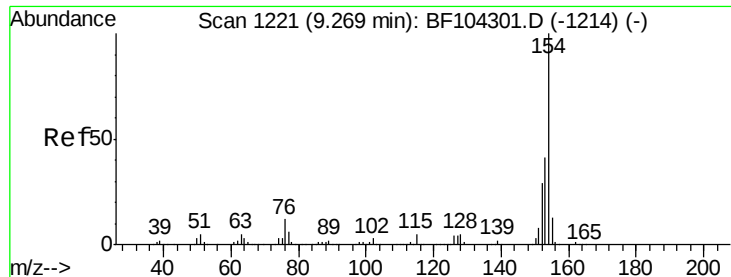
#44
 2-Fluorobiphenyl
 Concen: 82.554 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion:172 Resp: 1315718
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.9 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: 44.695 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

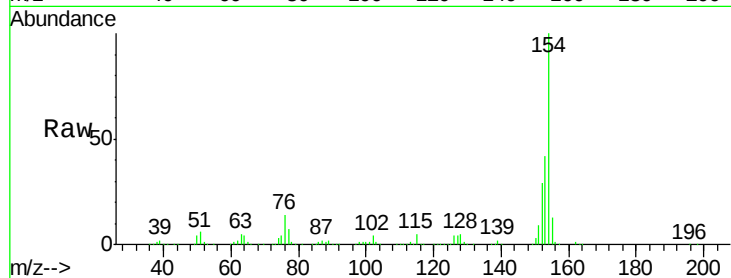
Tot Ion:154 Resp: 945346

Ion Ratio Lower Upper

154 100

153 42.1 21.3 61.3

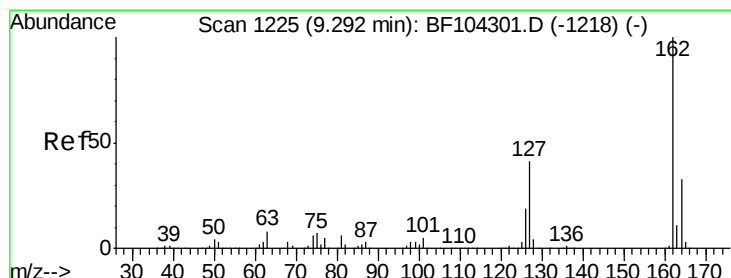
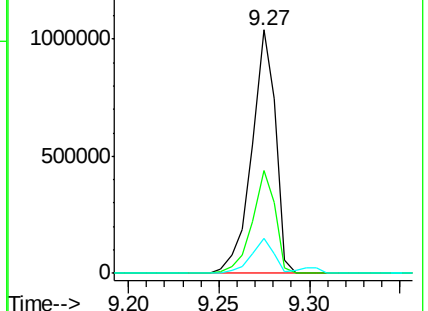
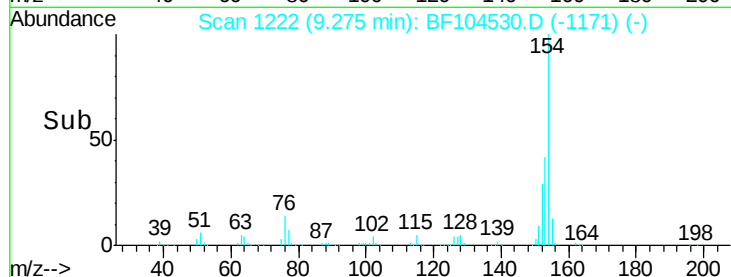
76 14.3 0.0 34.0



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: 44.821 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.01 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

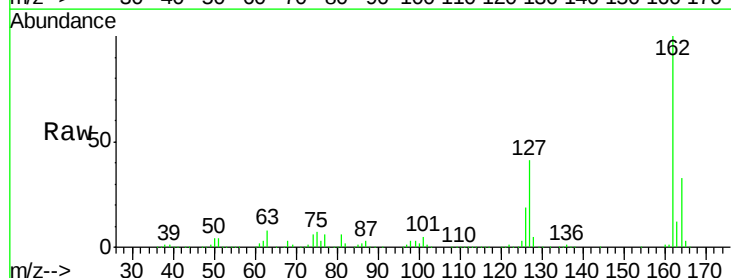
Tgt Ion:162 Resp: 748808

Ion Ratio Lower Upper

162 100

127 40.6 33.9 50.9

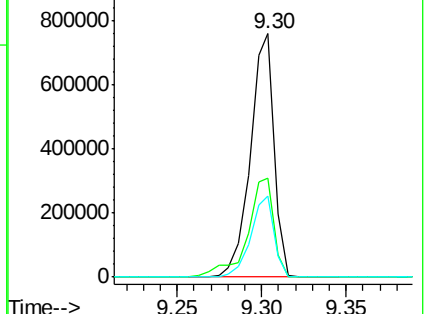
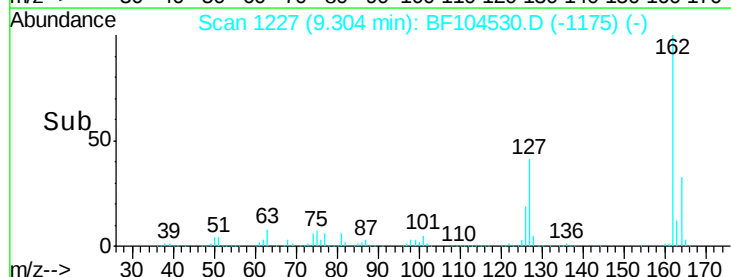
164 33.4 26.5 39.7

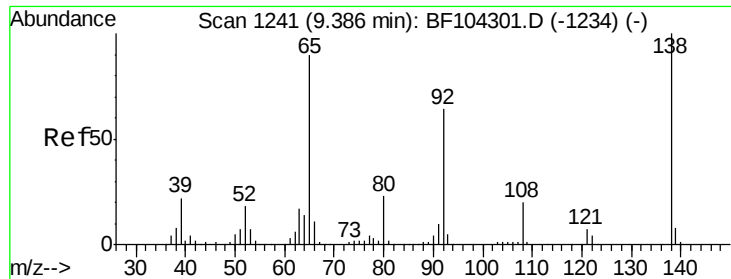


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

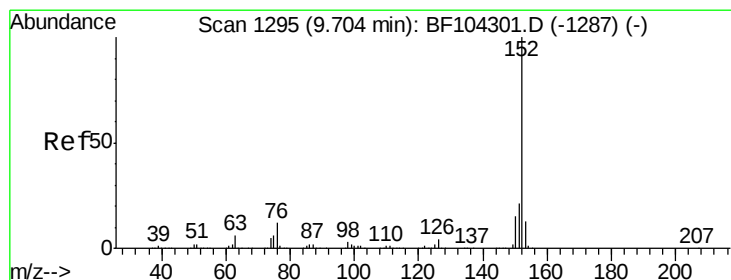
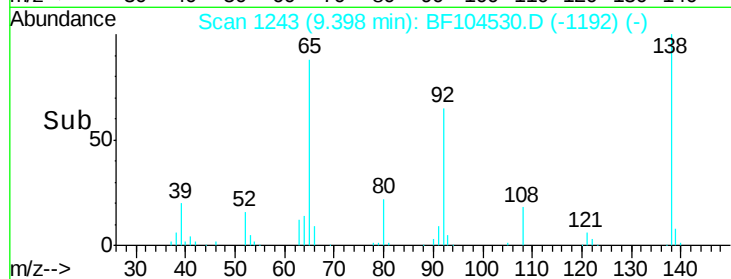
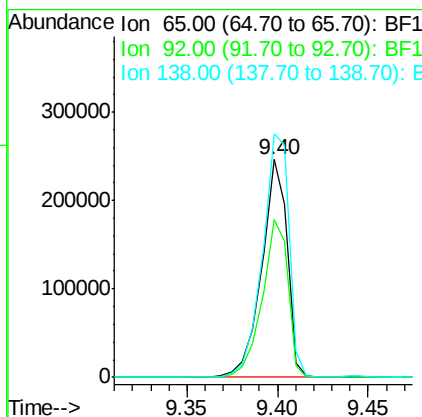
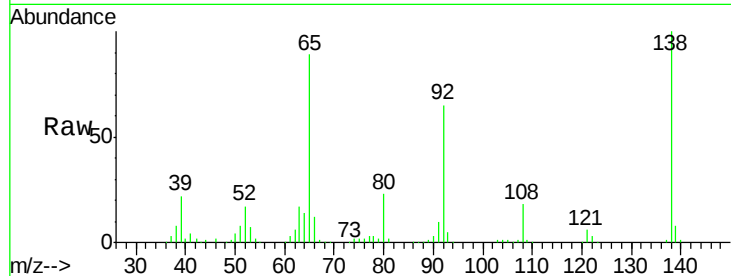




#47
 2-Nitroaniline
 Concen: 58.231 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

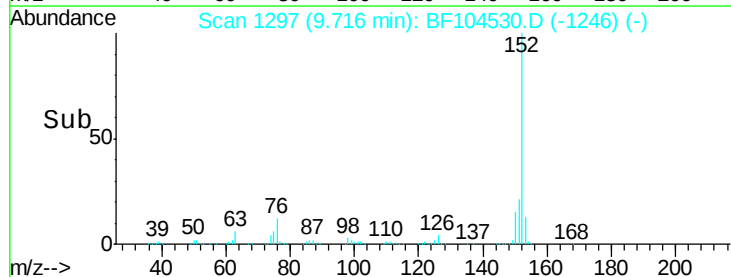
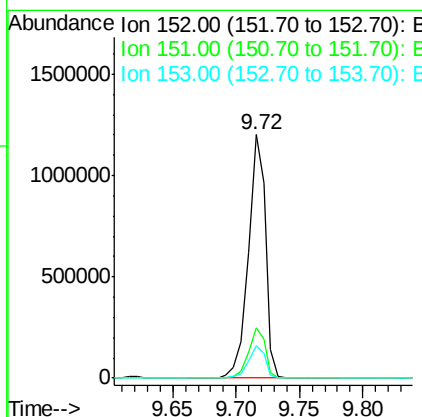
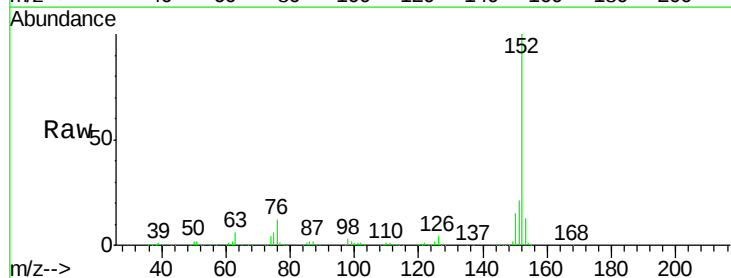
Instrument :
 BNA_F
 ClientSampleId :

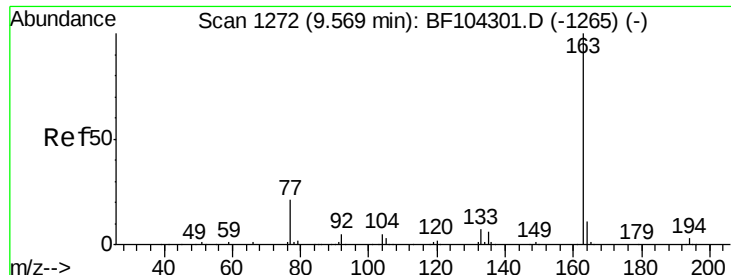
Tot Ion: 65 Resp: 240585
 Ion Ratio Lower Upper
 65 100
 92 72.5 55.8 83.6
 138 111.9 91.2 136.8



#48
 Acenaphthylene
 Concen: 42.894 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion:152 Resp: 1124340
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 13.4 10.7 16.1

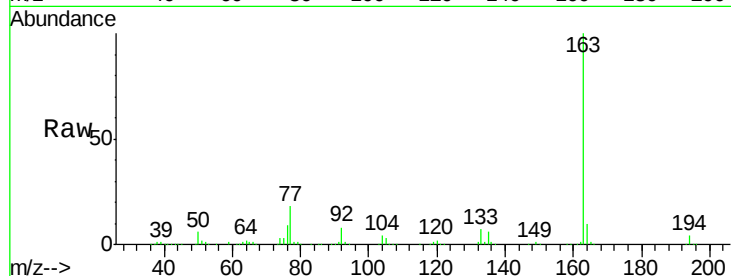




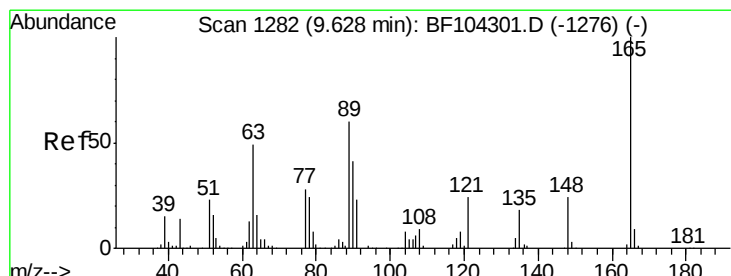
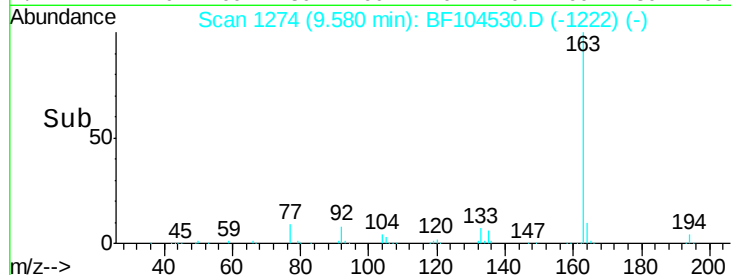
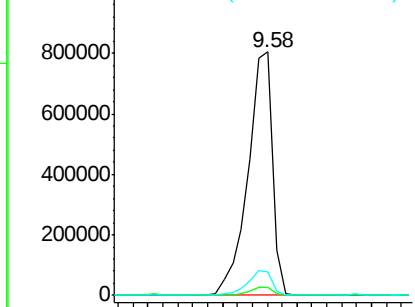
#49
Dimethylphthalate
Concen: 45.918 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 911671
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.8 8.2 12.2

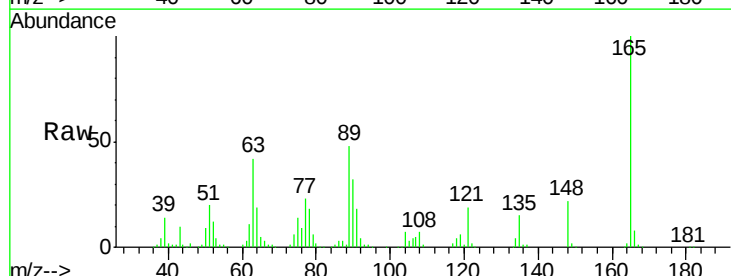


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

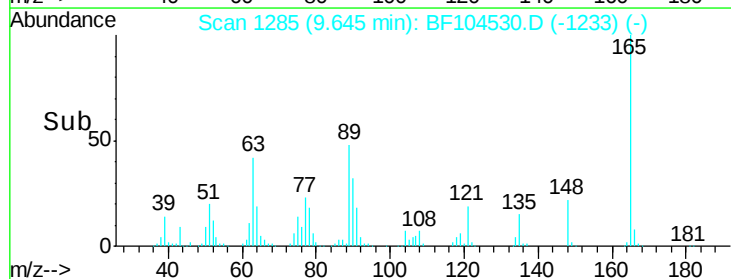
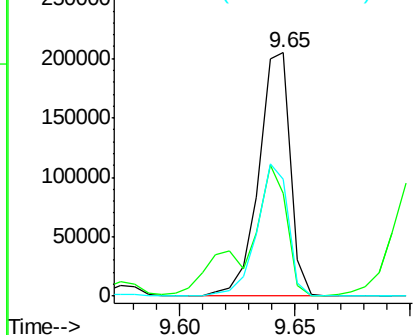


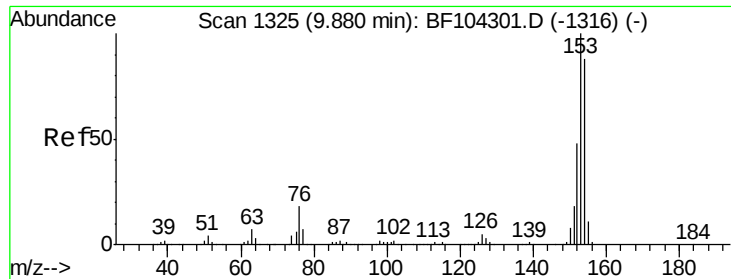
#50
2,6-Dinitrotoluene
Concen: 53.412 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion:165 Resp: 196226
Ion Ratio Lower Upper
165 100
63 42.4 44.7 67.1#
89 48.2 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: 40.859 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

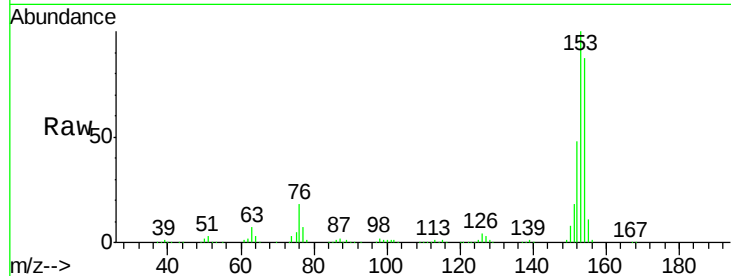
Tot Ion:154 Resp: 653461

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

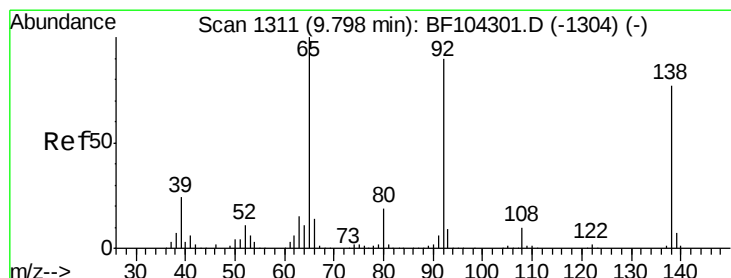
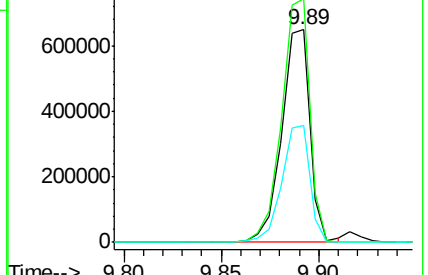
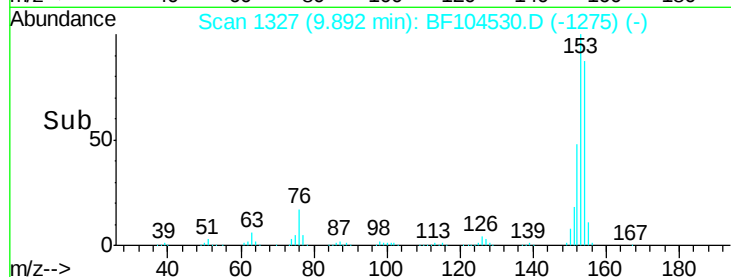
152 54.8 43.8 65.8



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: 40.516 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

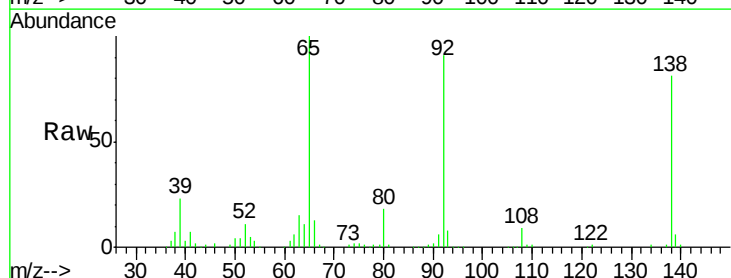
Tgt Ion:138 Resp: 174259

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

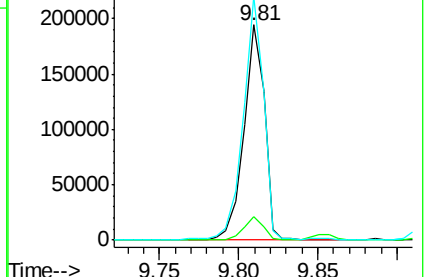
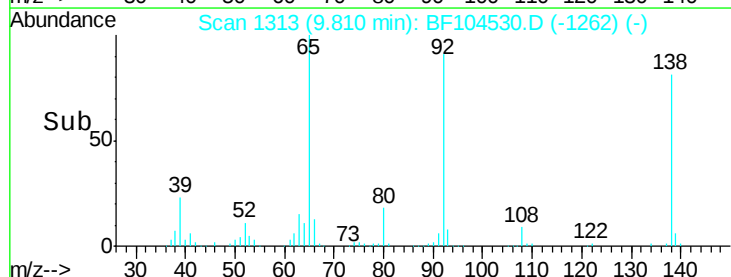
92 113.3 89.4 134.2

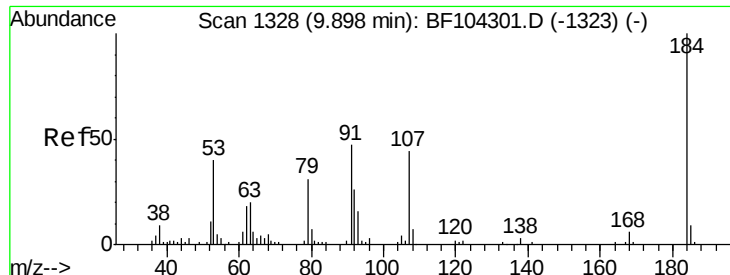


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

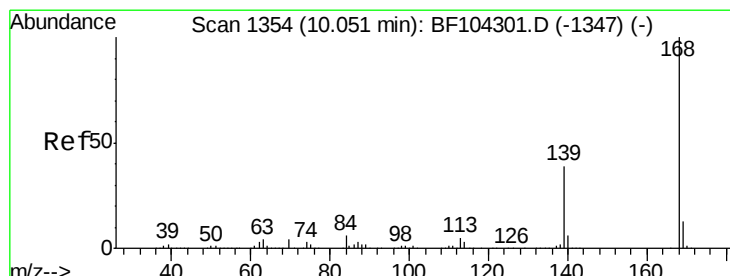
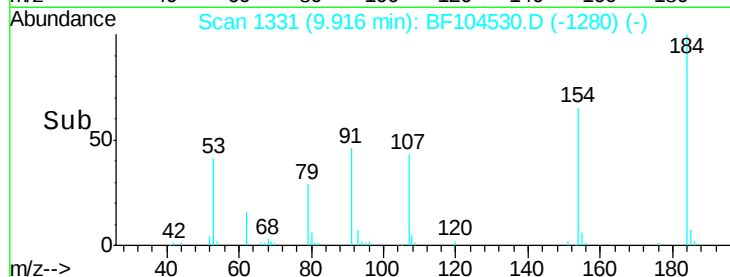
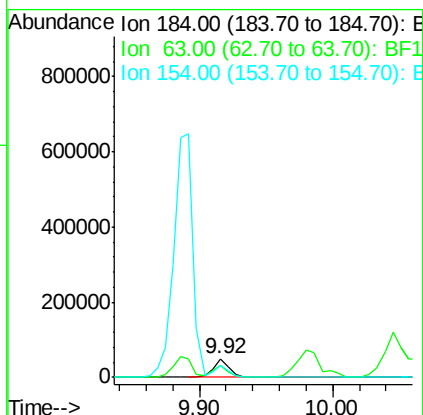
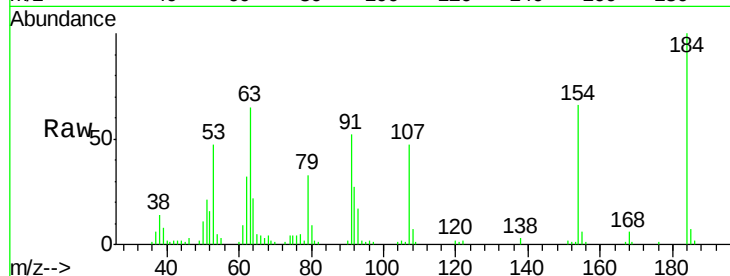




#53
 2,4-Dinitrophenol
 Concen: 38.164 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

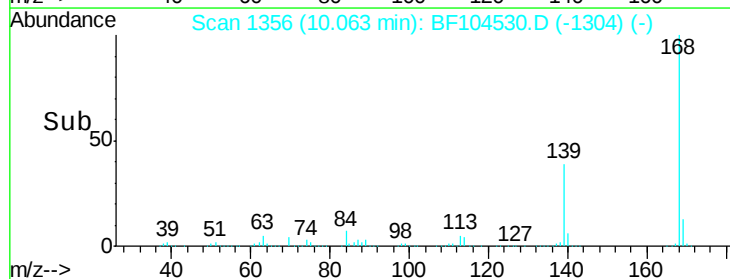
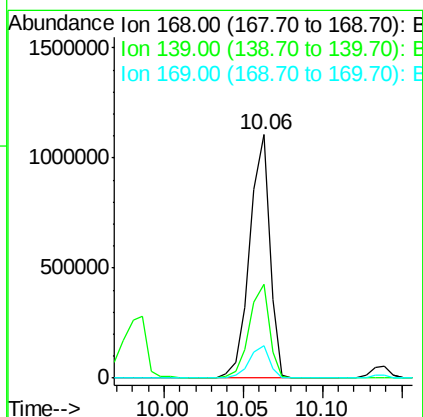
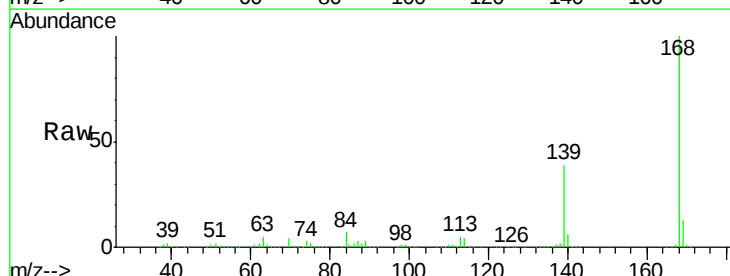
Instrument :
 BNA_F
 ClientSampled :

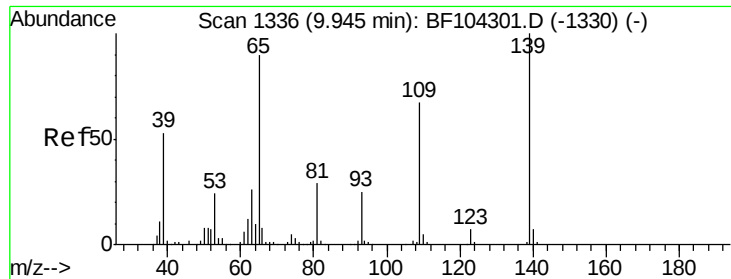
Tot Ion:184 Resp: 42029
 Ion Ratio Lower Upper
 184 100
 63 64.7 54.2 81.2
 154 65.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 43.793 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion:168 Resp: 976041
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.1 45.1
 169 13.4 10.9 16.3

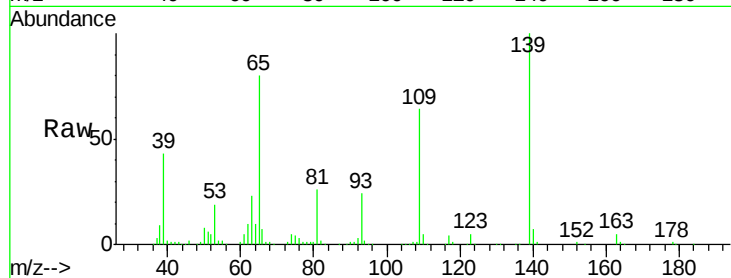




#55
4-Nitrophenol
Concen: 88.998 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	63.5	48.4	88.4
65	79.9	72.6	112.6

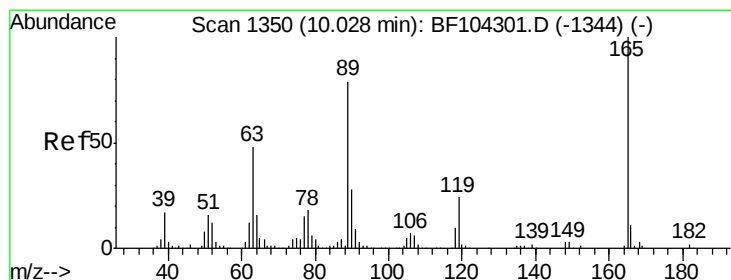
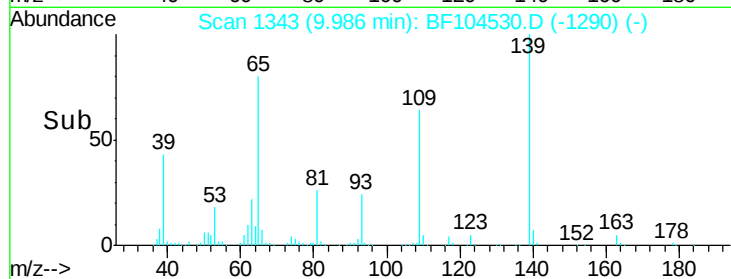
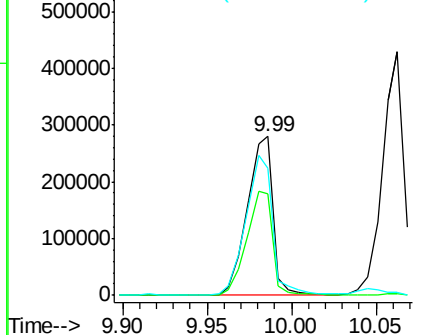


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 50.671 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.9	36.4	54.6
89	72.6	57.8	86.6
182	2.2	1.6	2.4

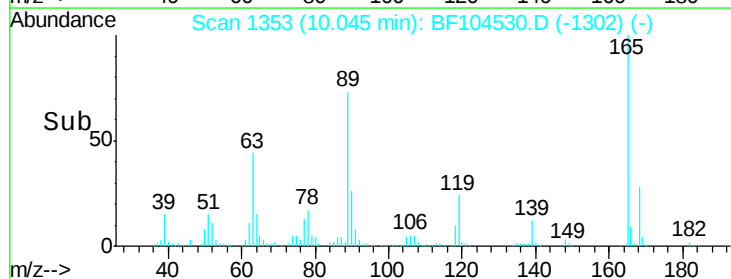
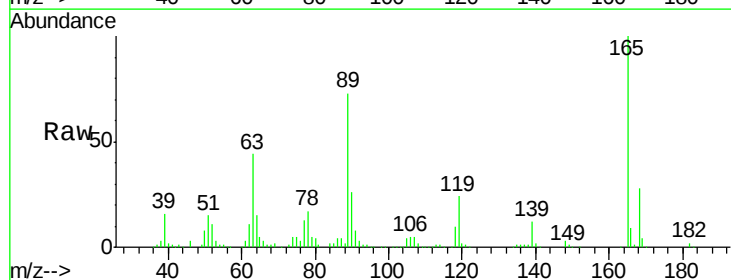
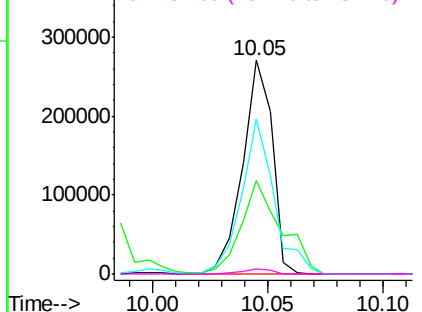
Abundance

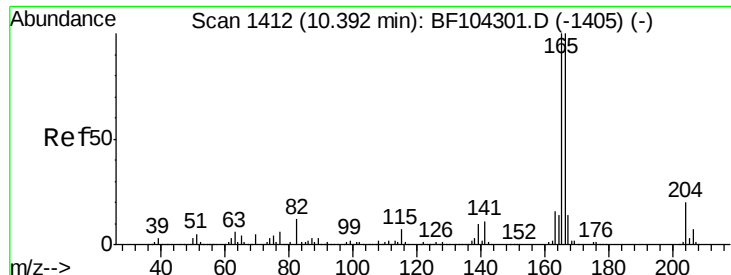
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

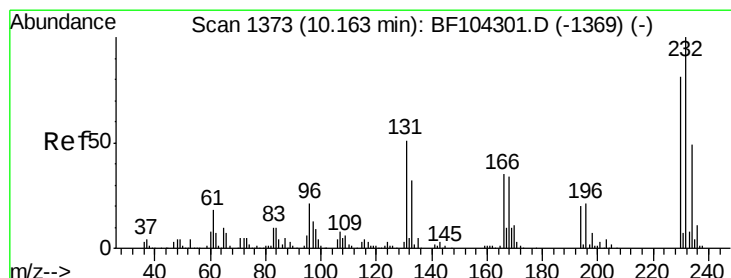
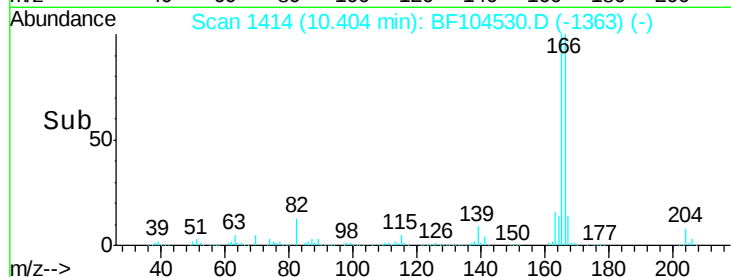
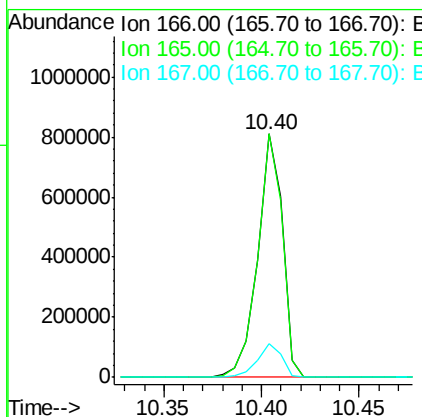
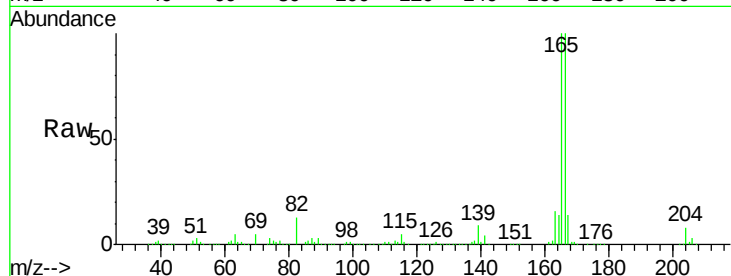




#57
 Fluorene
 Concen: 44.010 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

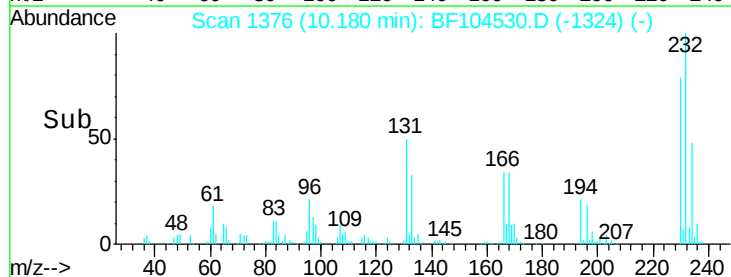
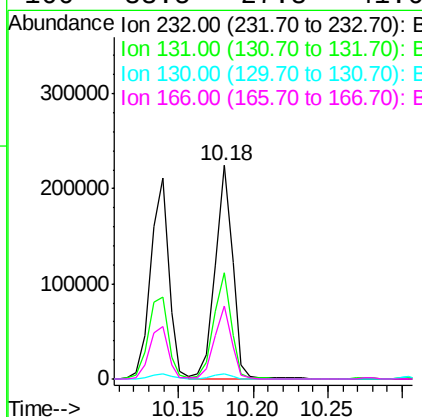
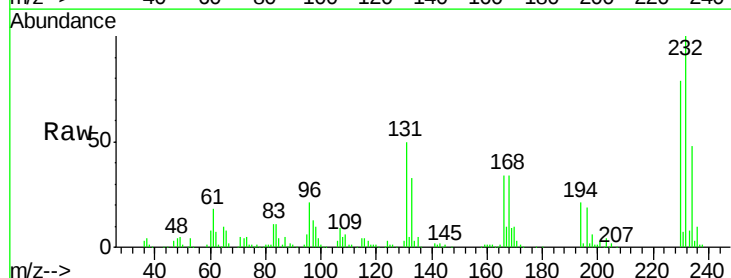
Instrument :
 BNA_F
 ClientSampleId :

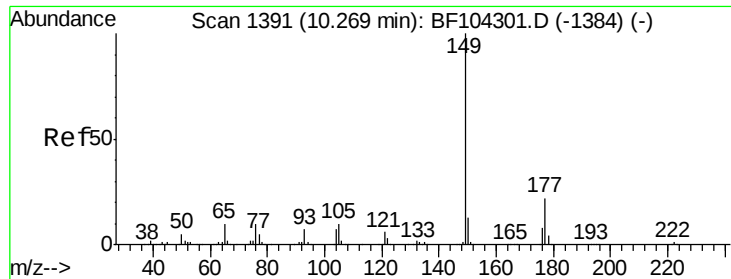
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.8	119.8
167	13.9	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.097 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.2	43.8	65.8
130	2.6	2.1	3.1
166	33.5	27.8	41.6

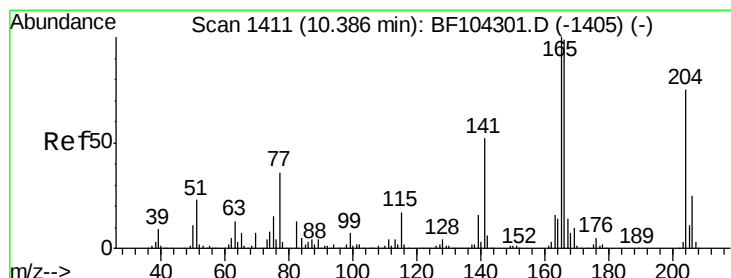
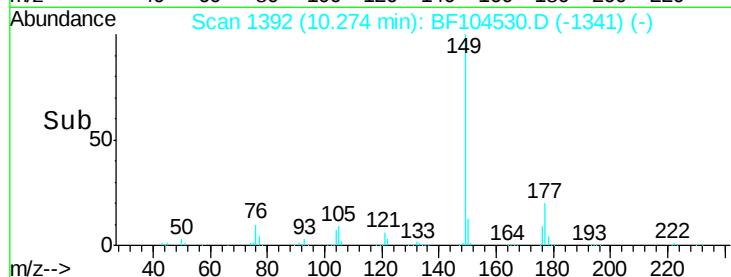
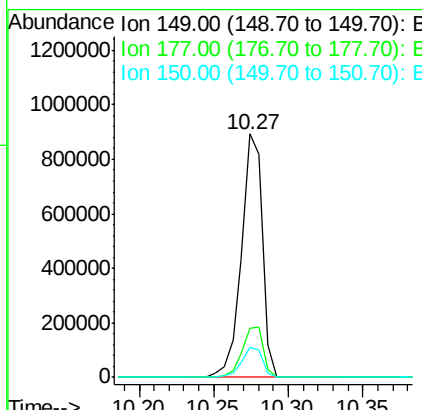
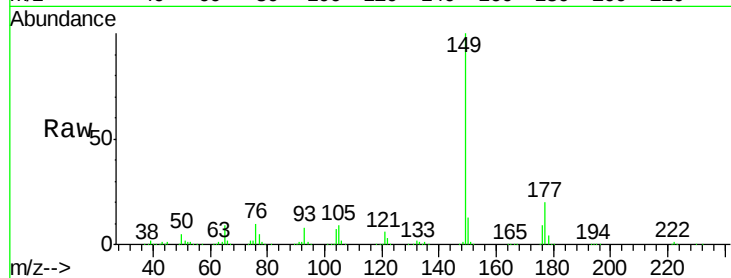




#59
Diethylphthalate
Concen: 43.880 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

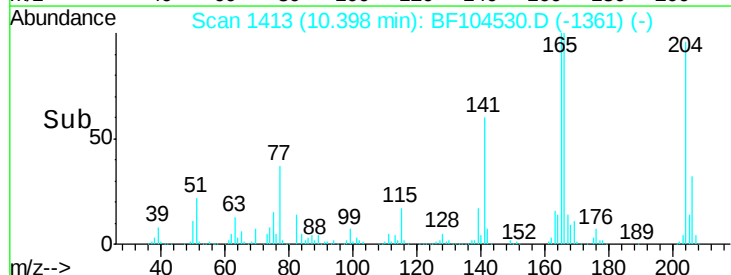
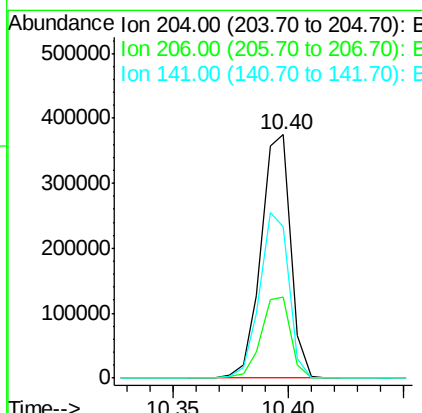
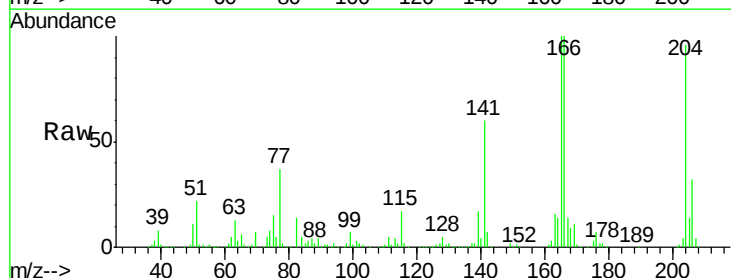
Instrument :
BNA_F
ClientSampled :

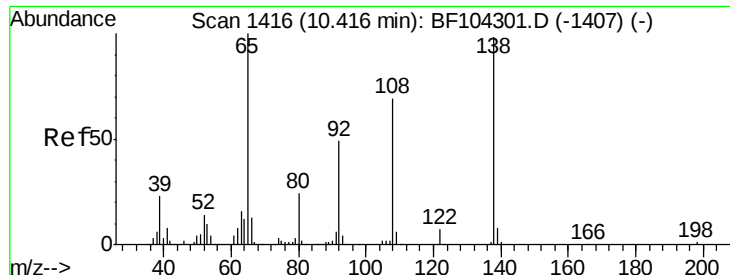
Tot Ion:149 Resp: 867669
Ion Ratio Lower Upper
149 100
177 20.4 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 46.495 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion:204 Resp: 335917
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 62.1 54.6 81.8

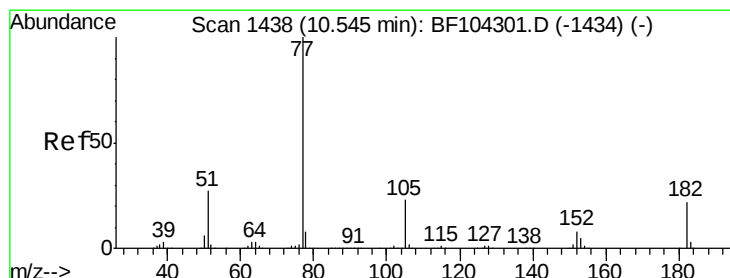
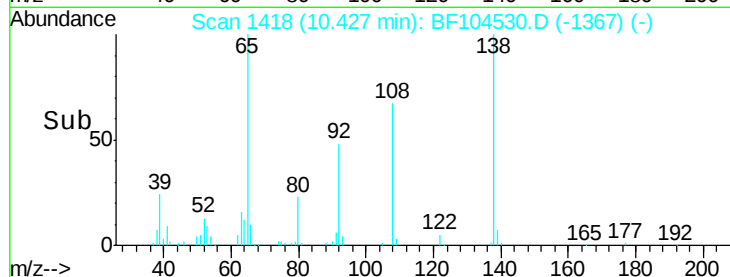
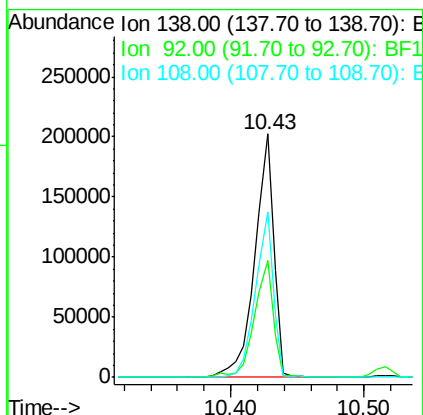
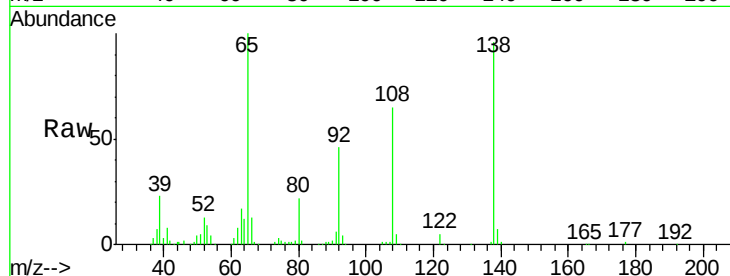




#61
4-Nitroaniline
Concen: 46.758 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

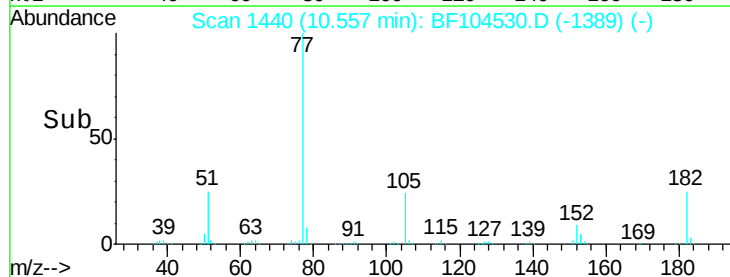
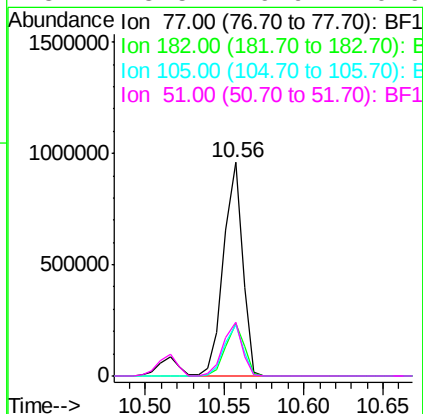
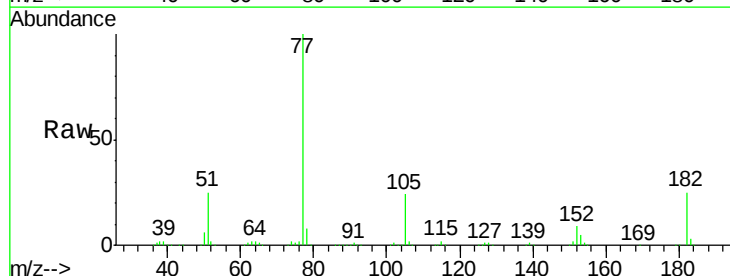
Instrument :
BNA_F
ClientSampled :

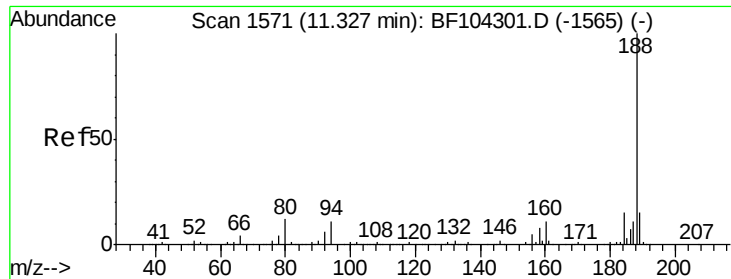
Tot Ion:138 Resp: 196637
Ion Ratio Lower Upper
138 100
92 48.2 30.2 70.2
108 67.9 52.5 92.5



#62
Azobenzene
Concen: 42.388 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion: 77 Resp: 800782
Ion Ratio Lower Upper
77 100
182 24.6 1.7 41.7
105 24.1 3.0 43.0
51 25.5 9.9 49.9

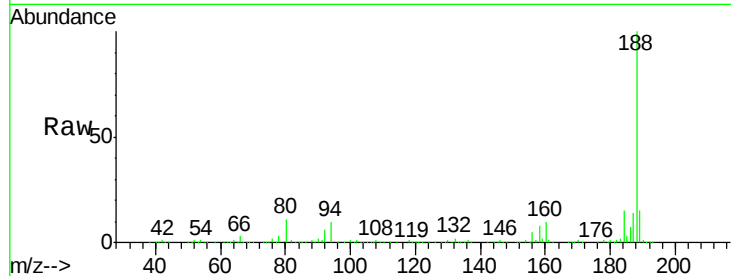




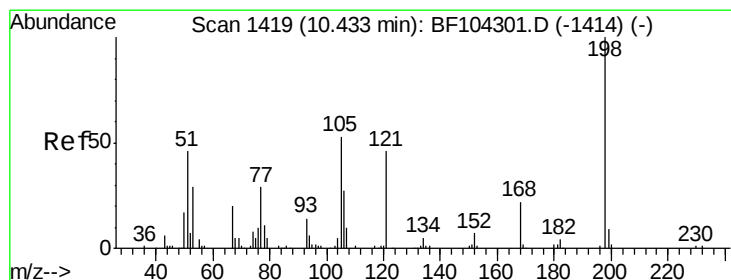
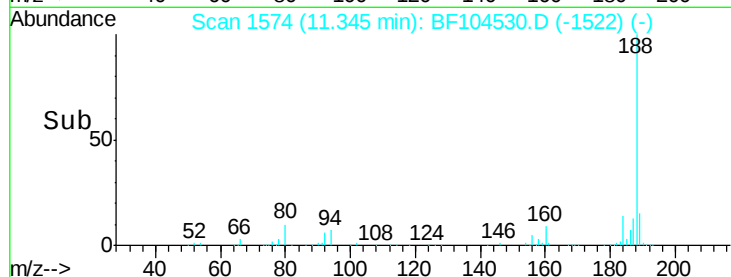
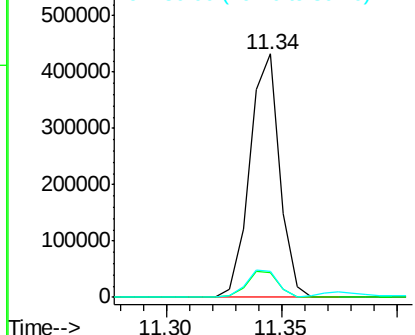
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.9	9.2	13.8

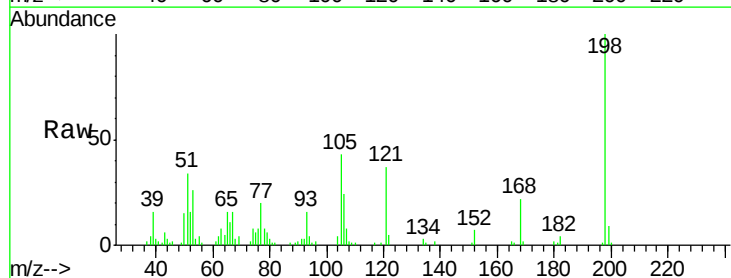


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

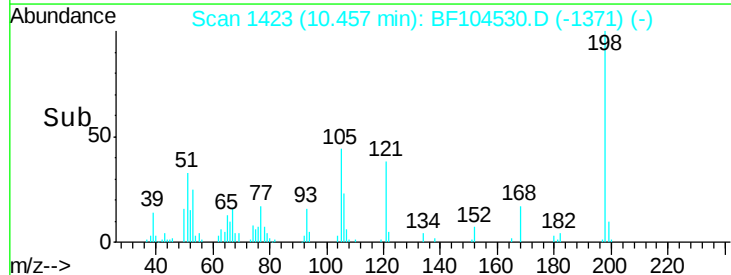
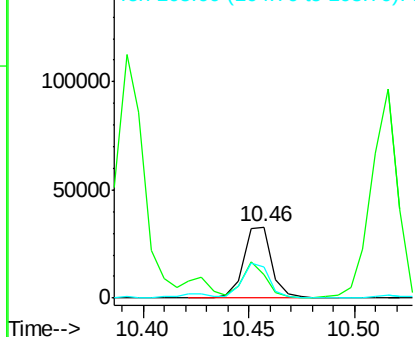


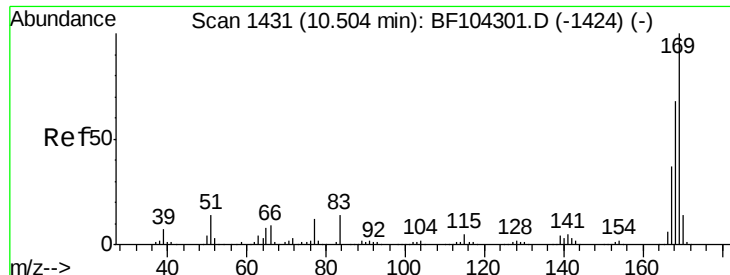
#64
4,6-Dinitro-2-methylphenol
Concen: 20.804 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
198	100		
51	33.8	37.7	77.7#
105	42.9	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

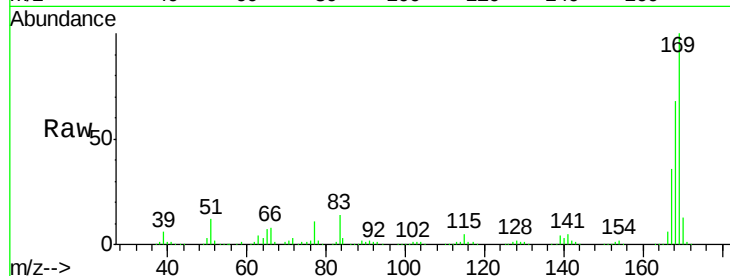




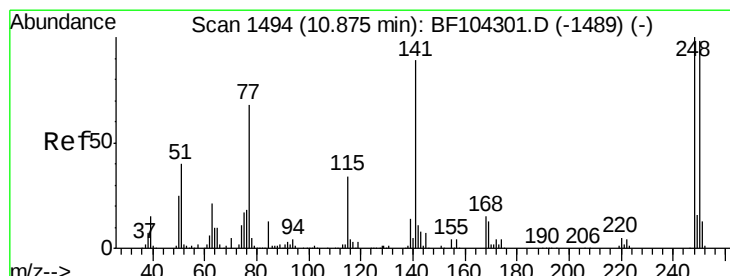
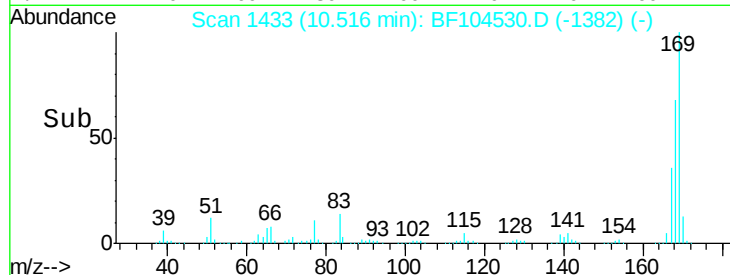
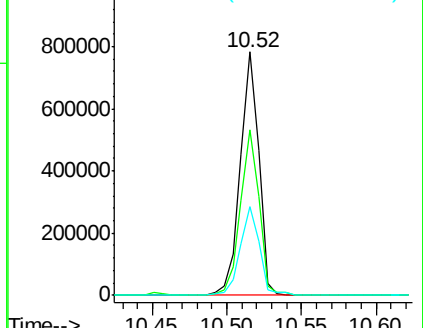
#65
 n-Nitrosodiphenylamine
 Concen: 50.011 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.4	81.6
167	36.4	29.8	44.6

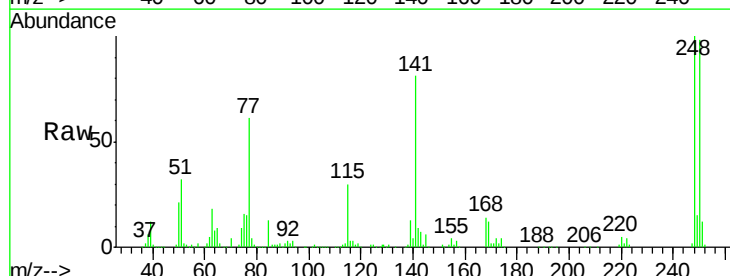


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

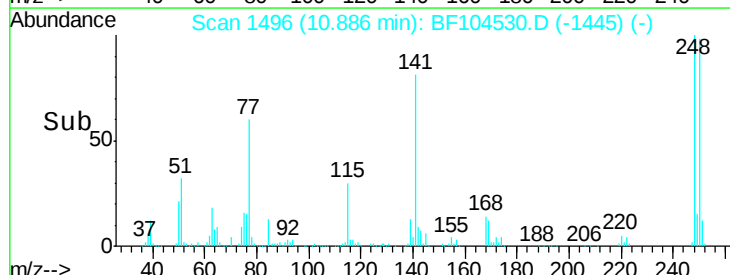
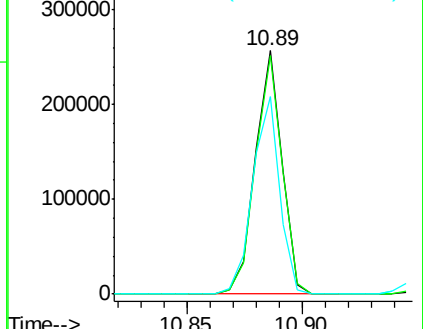


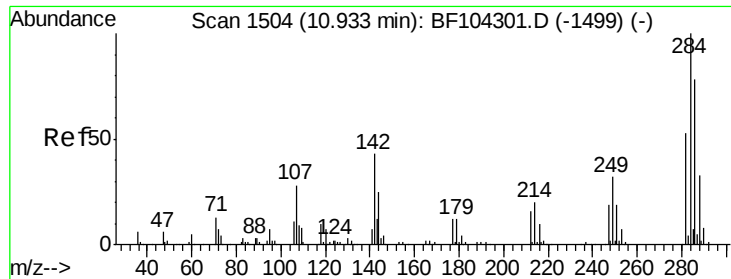
#66
 4-Bromophenyl-phenylether
 Concen: 50.104 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.9	115.3
141	81.1	74.4	111.6



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

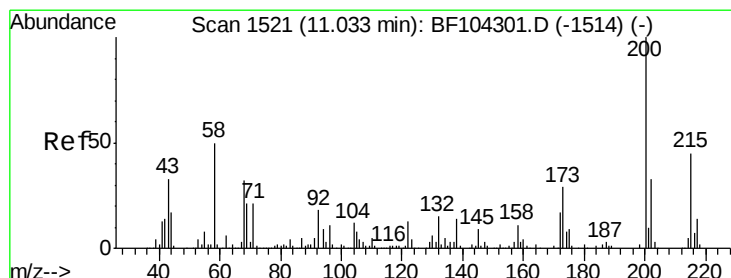
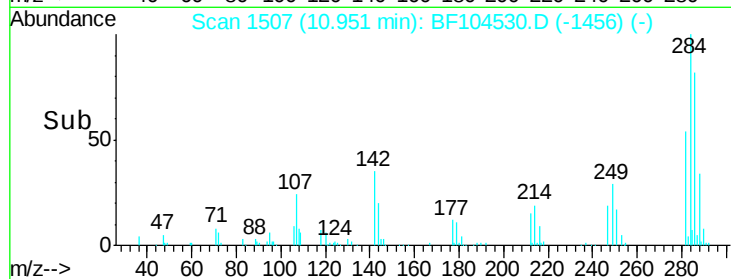
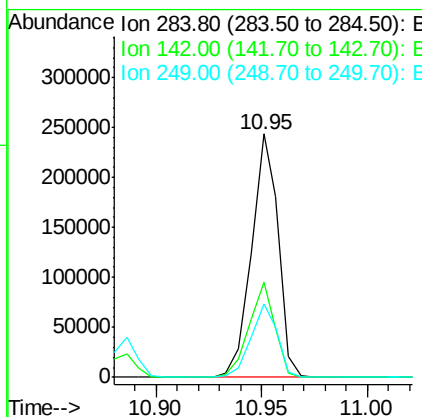
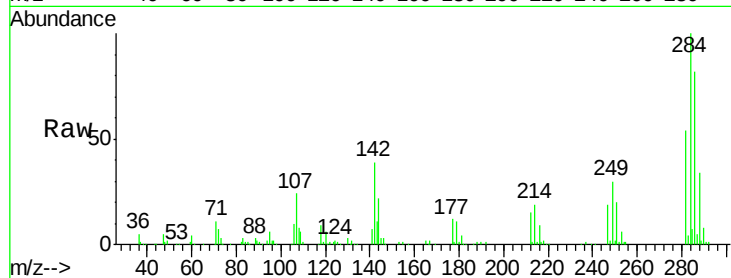




#67
Hexachlorobenzene
Concen: 45.517 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

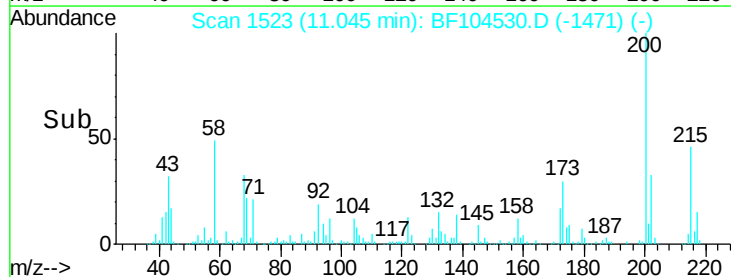
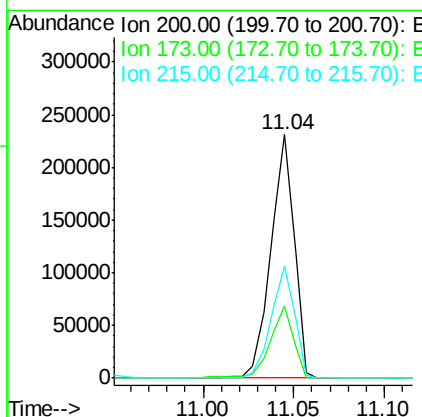
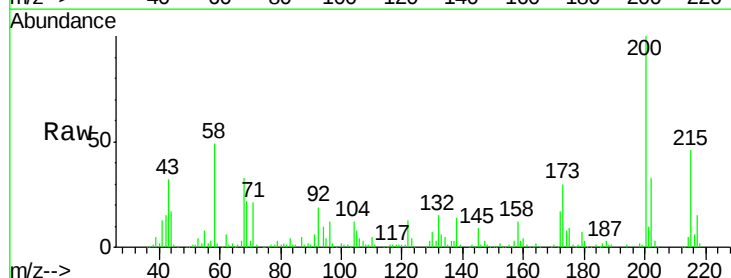
Instrument :
BNA_F
ClientSampleId :

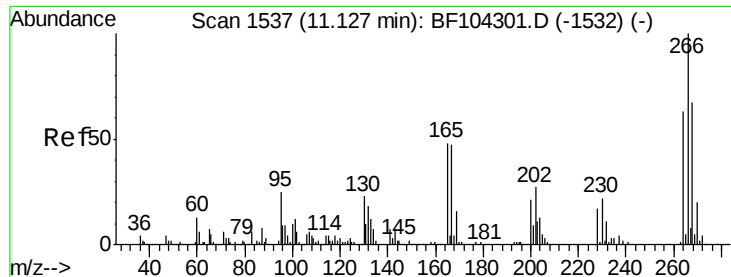
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.1	34.6	52.0
249	30.1	24.8	37.2



#68
Atrazine
Concen: 50.346 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.7	8.6	48.6
215	46.0	25.1	65.1

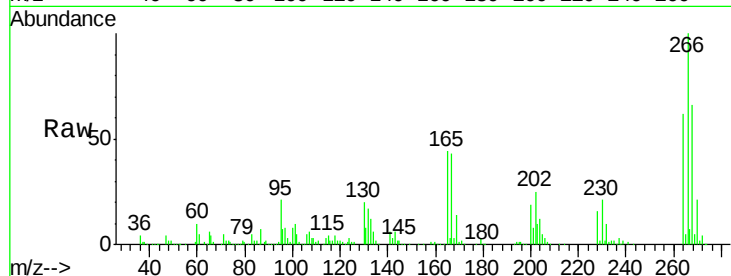




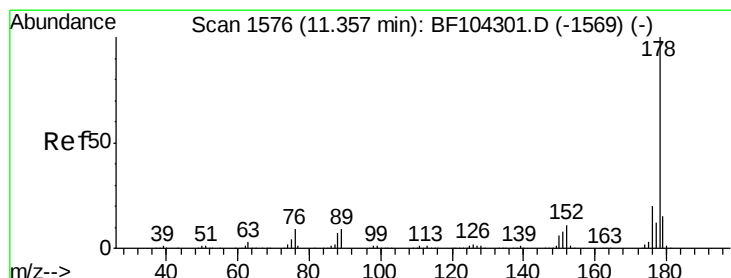
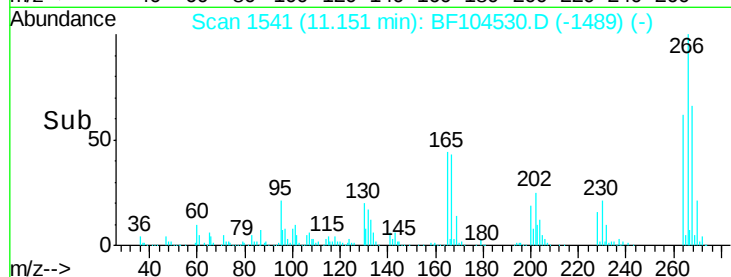
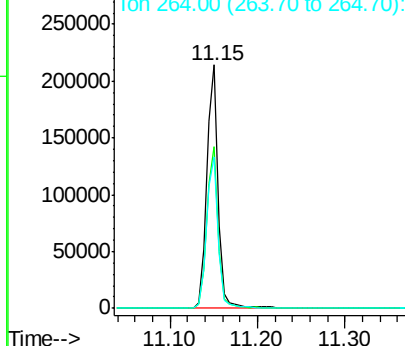
#69
 Pentachlorophenol
 Concen: 66.597 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 193010
 Ion Ratio Lower Upper
 266 100
 268 66.2 51.1 76.7
 264 62.2 49.5 74.3

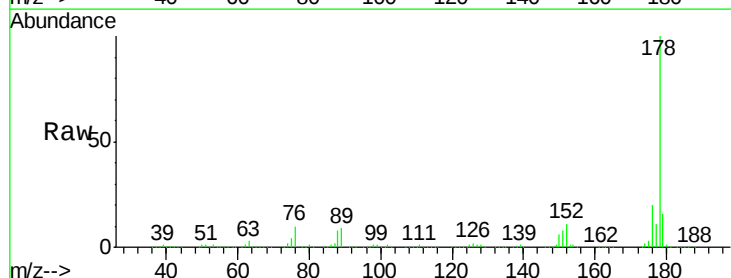


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

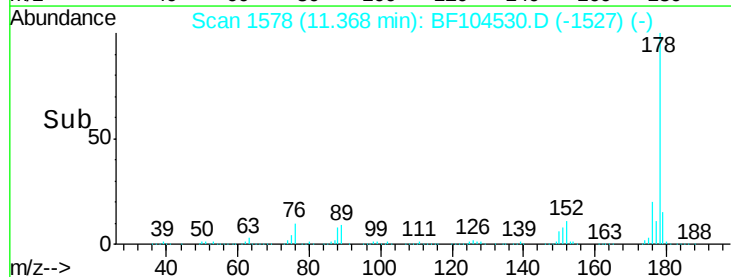
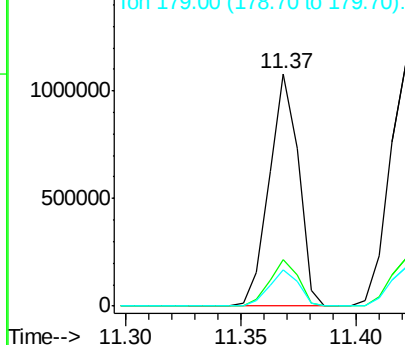


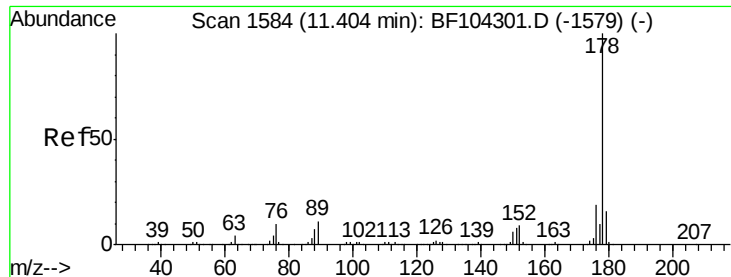
#70
 Phenanthrene
 Concen: 43.727 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion:178 Resp: 953135
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.6 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

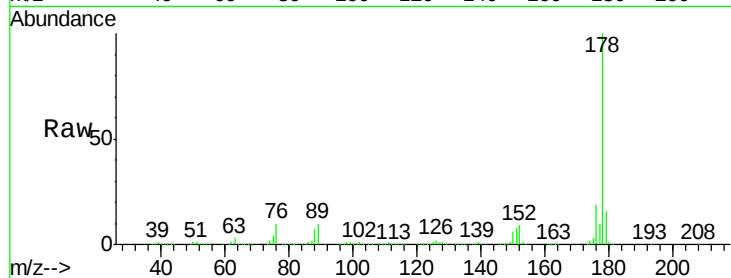




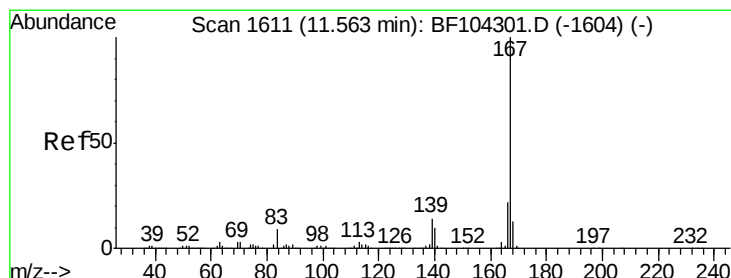
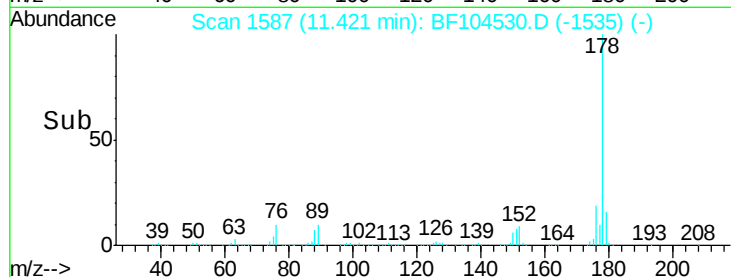
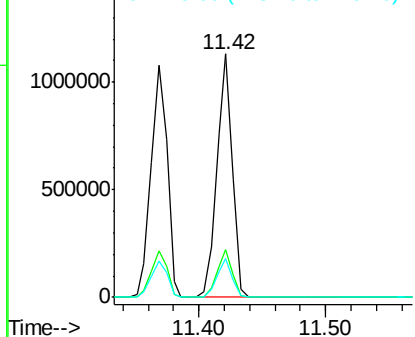
#71
 Anthracene
 Concen: 43.936 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 973504
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.9 12.6 19.0

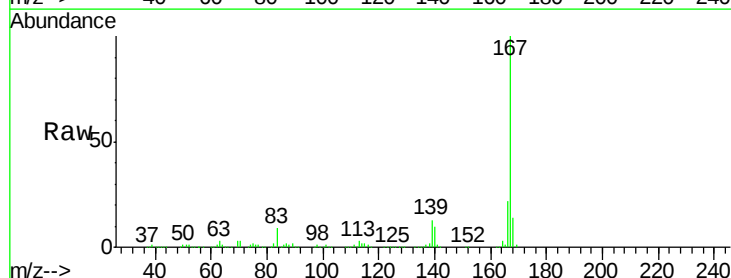


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

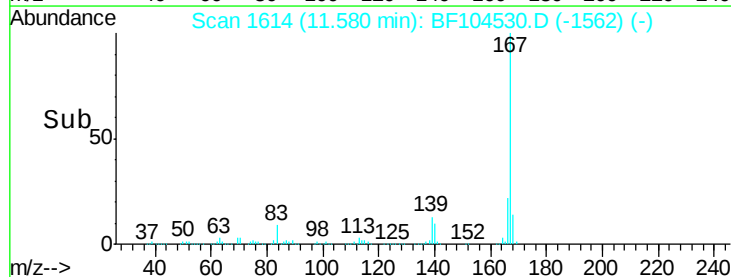
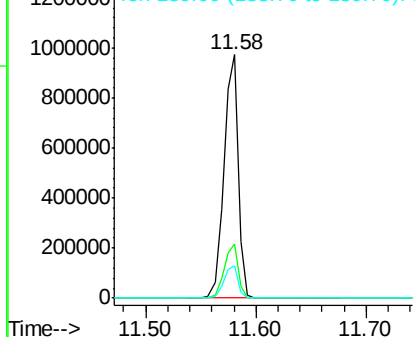


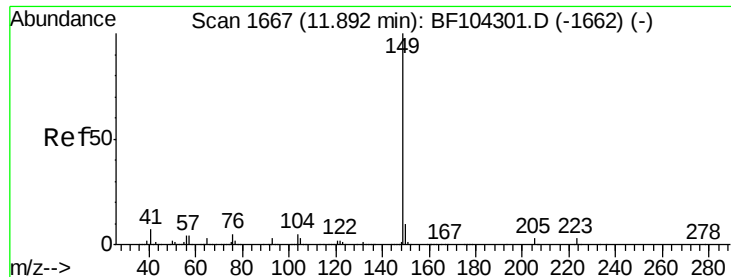
#72
 Carbazole
 Concen: 40.413 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion:167 Resp: 875004
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.5 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 46.222 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

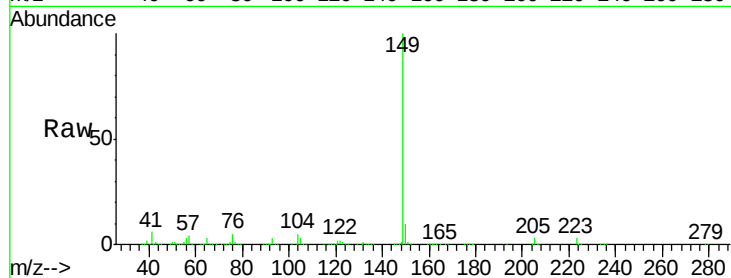
Tot Ion:149 Resp: 1222514

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

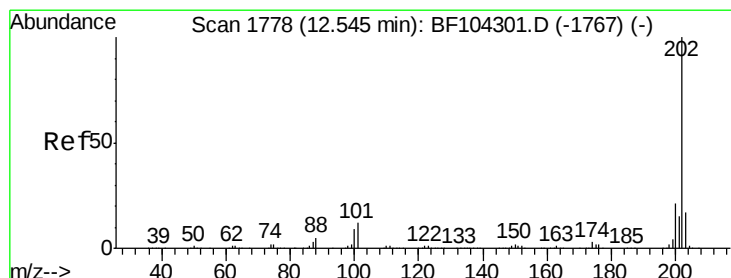
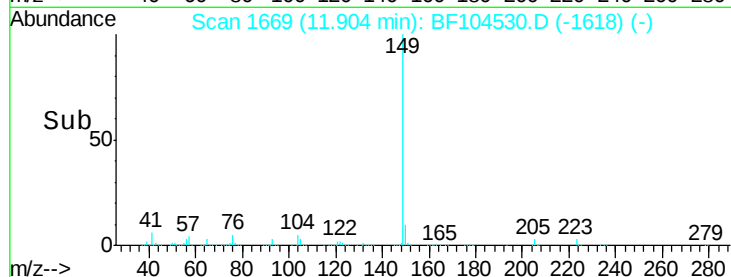
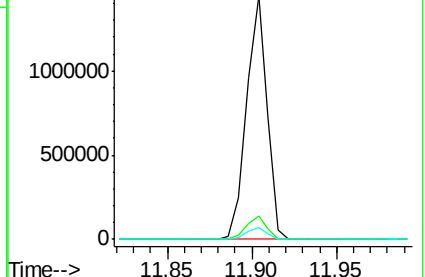
104 4.8 3.8 5.8



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: 37.452 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

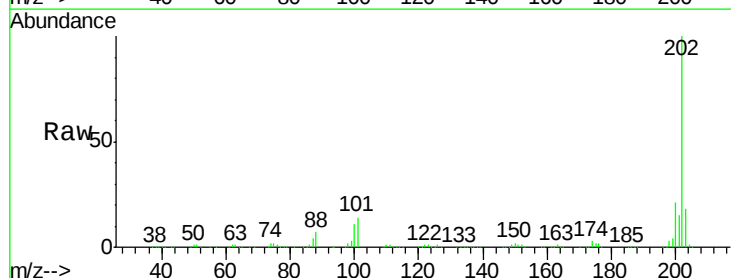
Tgt Ion:202 Resp: 852932

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

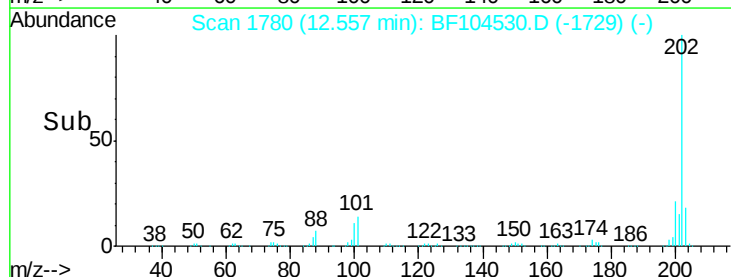
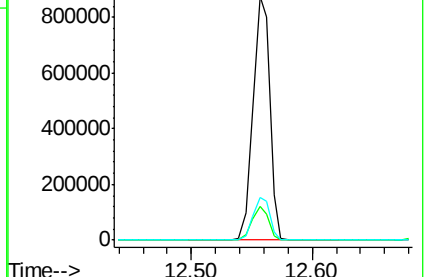
203 17.7 0.0 38.1

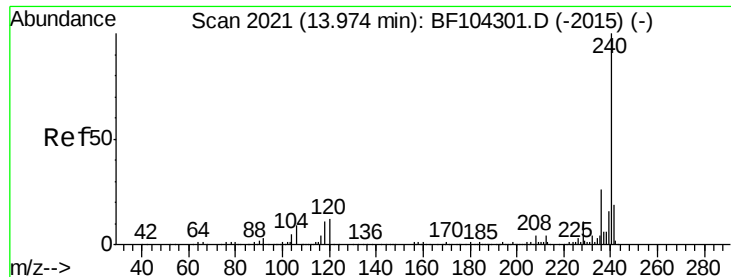


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

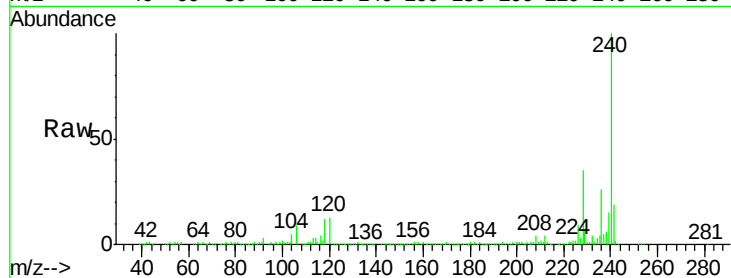
Tot Ion:240 Resp: 259949

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

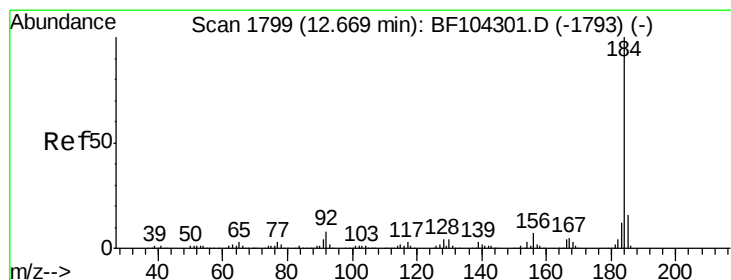
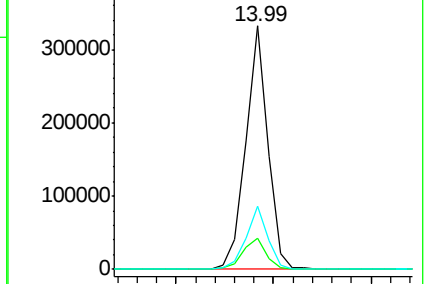
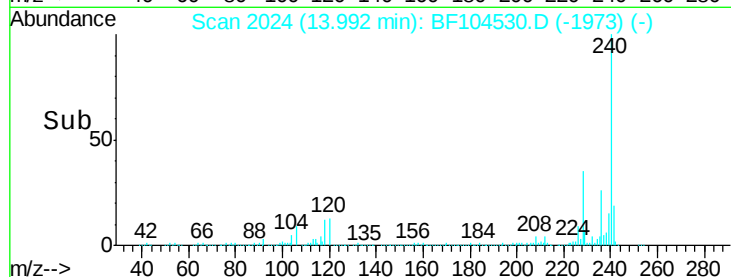
236 25.7 20.7 31.1



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: Below Cal

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

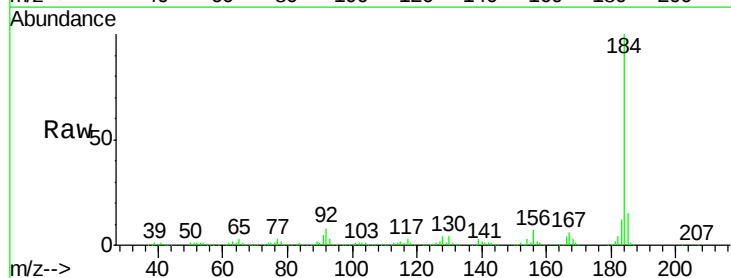
Tgt Ion:184 Resp: 658707

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

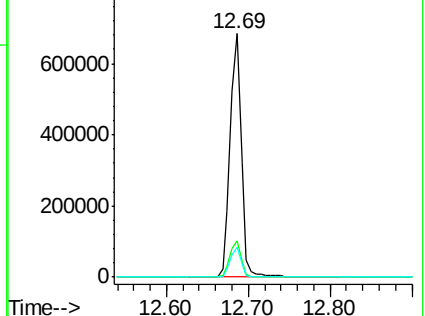
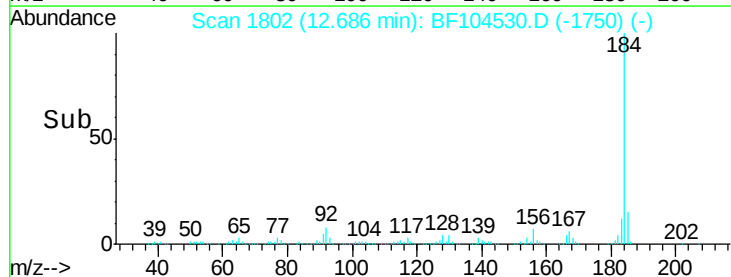
183 12.3 9.3 13.9

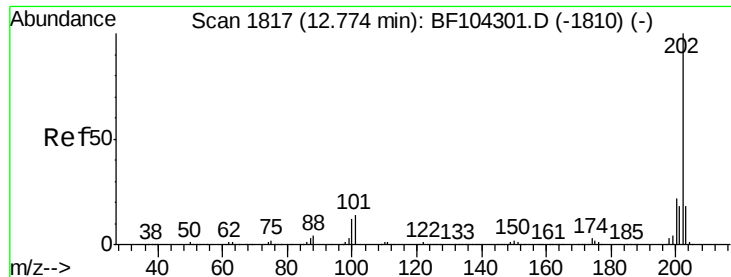


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.503 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

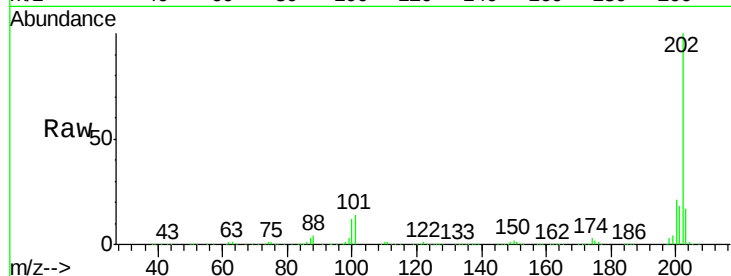
Tot Ion:202 Resp: 838234

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

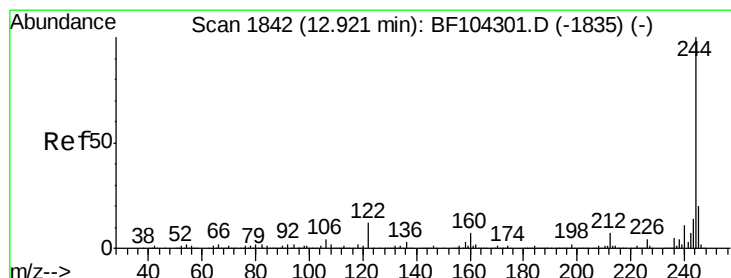
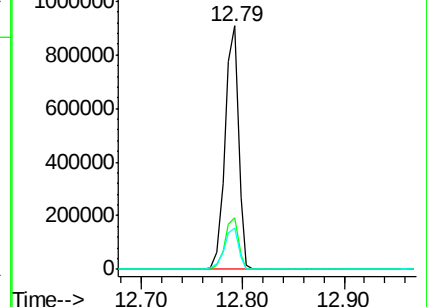
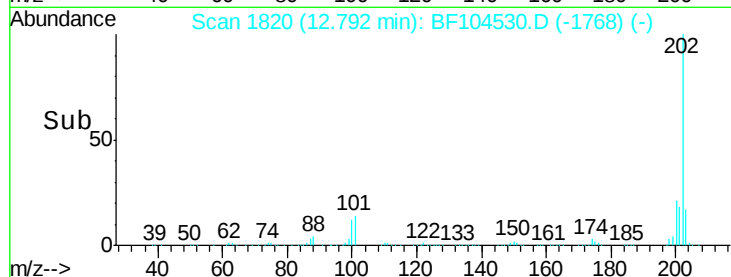
203 17.1 14.3 21.5



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: 87.548 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

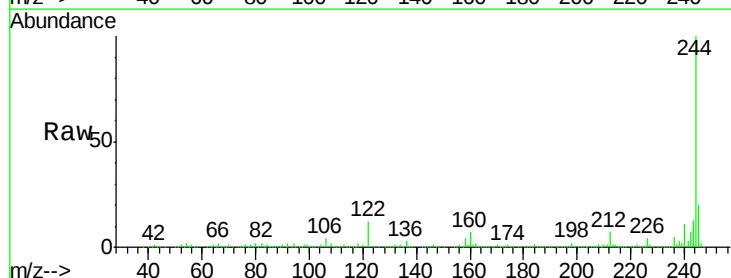
Tgt Ion:244 Resp: 998234

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

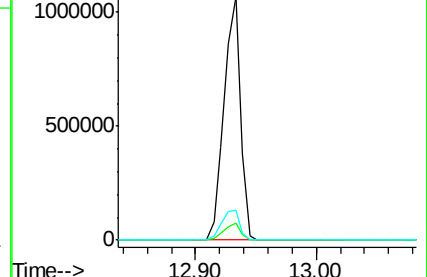
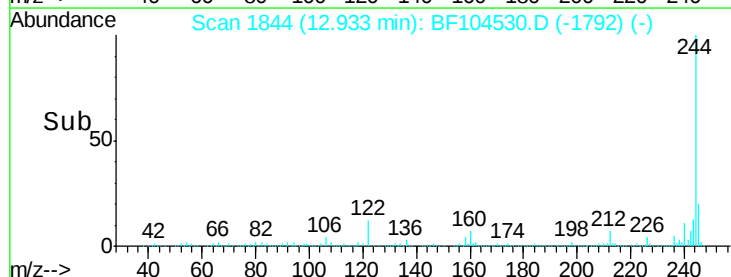
122 12.0 11.0 16.4

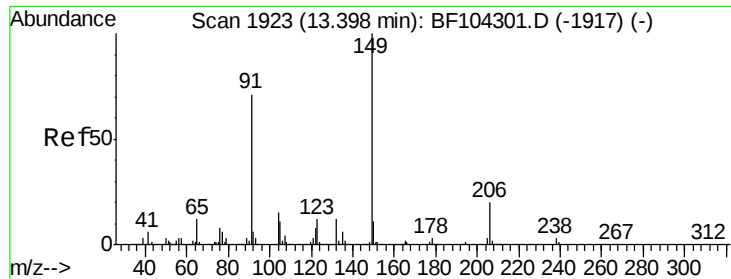


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

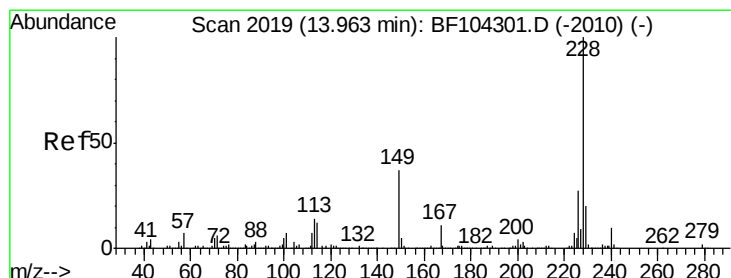
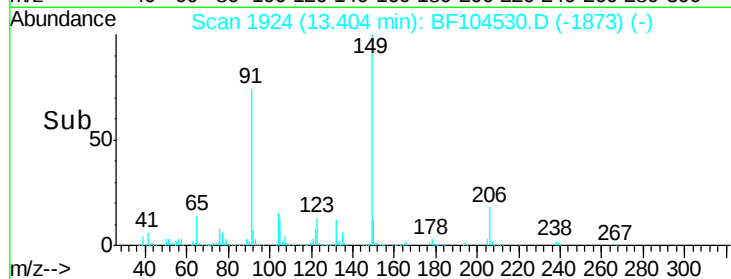
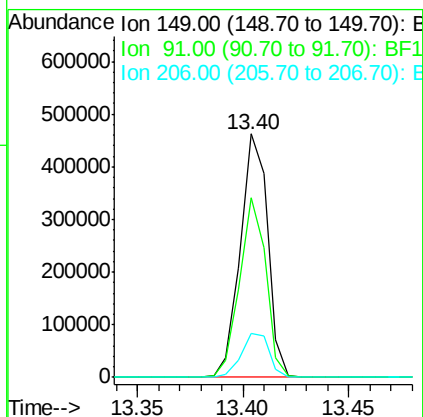
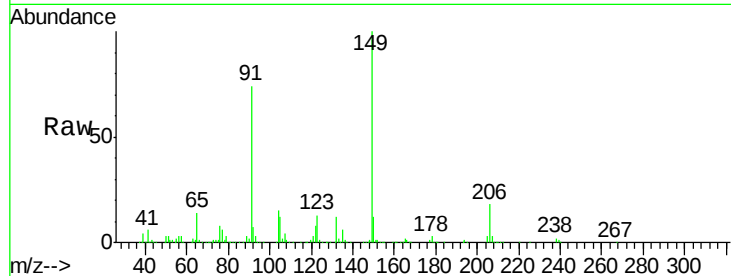




#79
Butylbenzylphthalate
Concen: 45.643 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

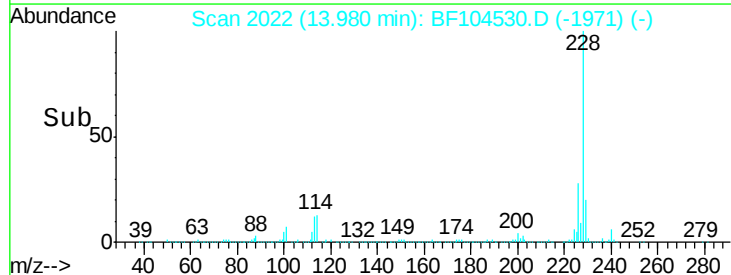
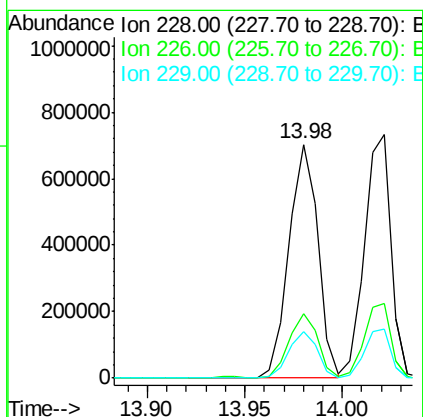
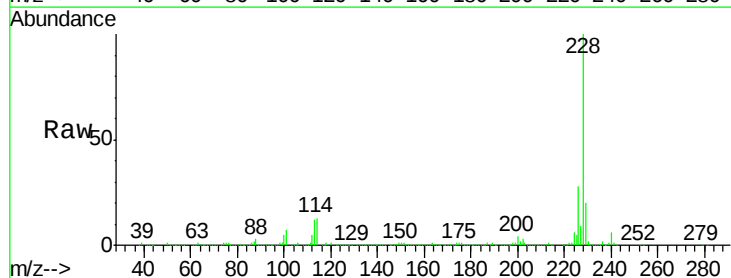
Instrument :
BNA_F
ClientSampleId :

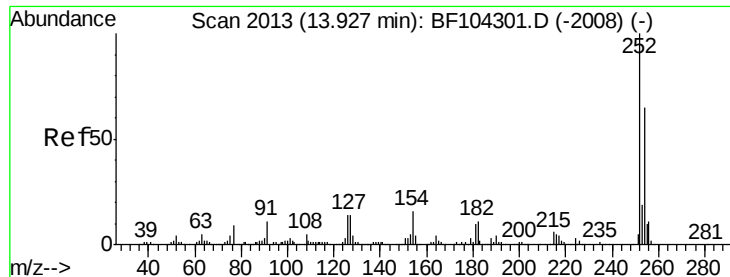
Tot Ion:149 Resp: 414326
Ion Ratio Lower Upper
149 100
91 74.0 56.8 85.2
206 17.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 46.659 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion:228 Resp: 724595
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 19.8 15.8 23.6

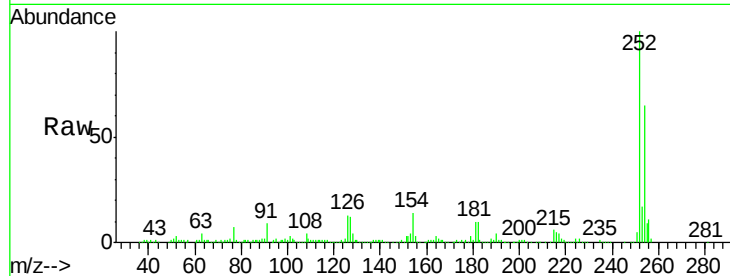




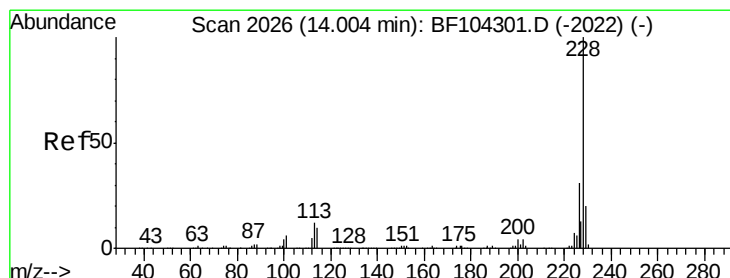
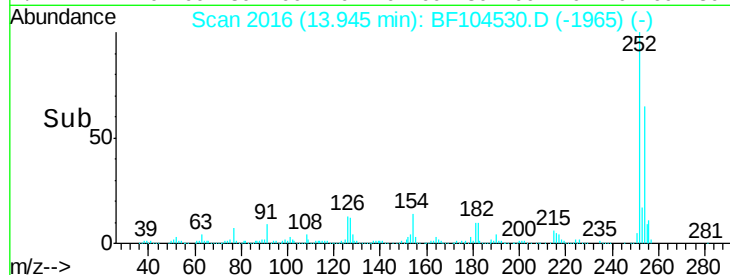
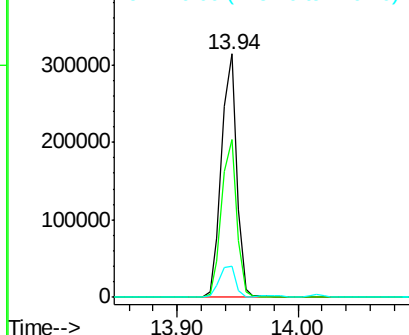
#81
 3,3'-Dichlorobenzidine
 Concen: 47.691 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 276144
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.4 75.6
 126 12.8 11.3 16.9

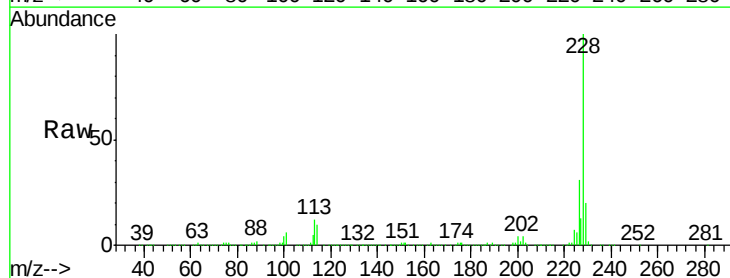


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

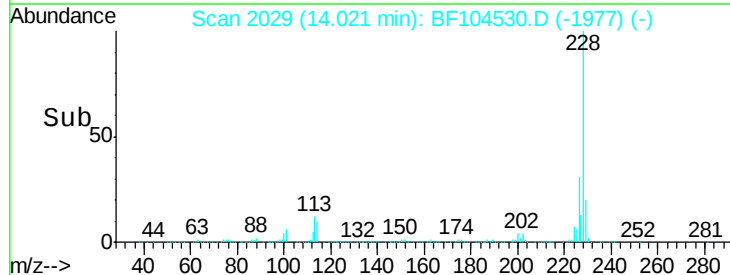
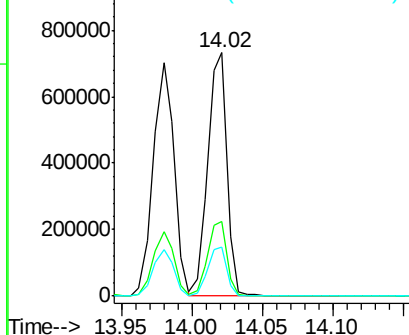


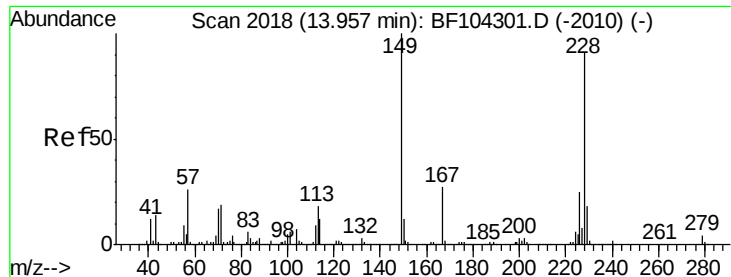
#82
 Chrysene
 Concen: 43.351 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion:228 Resp: 691502
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 20.0 16.2 24.4



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

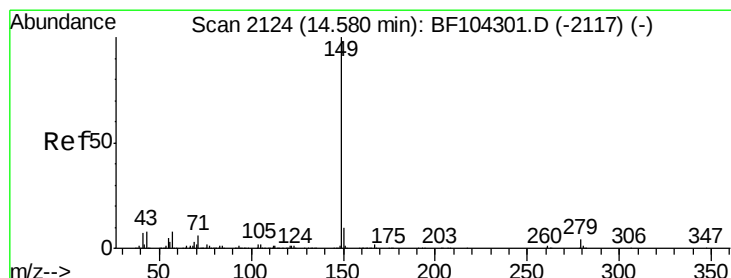
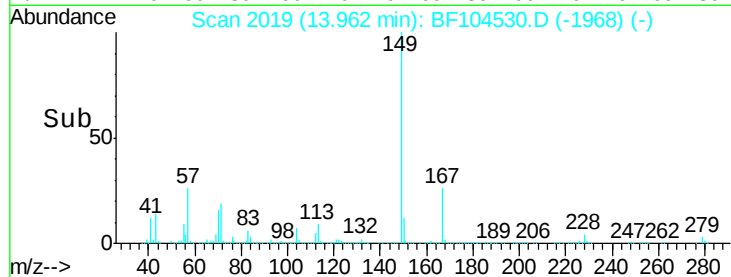
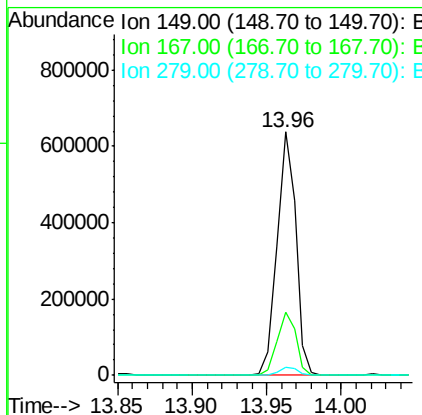
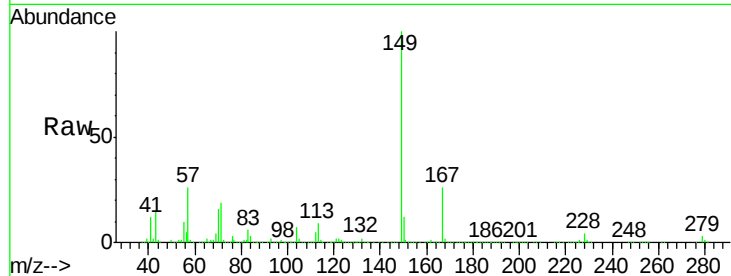




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.909 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

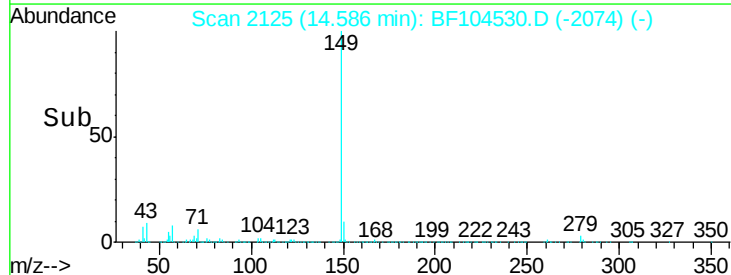
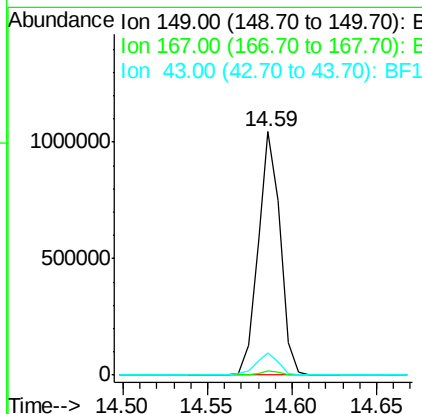
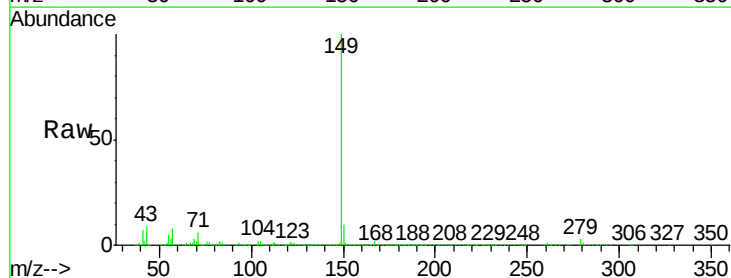
Instrument :
 BNA_F
 ClientSampleId :

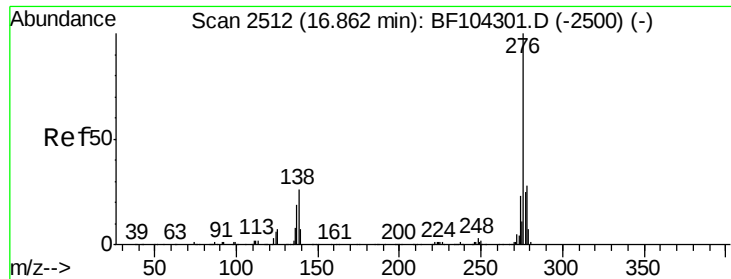
Tot Ion:149 Resp: 559383
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.3 31.9
 279 3.1 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 48.197 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion:149 Resp: 940312
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.6 8.4 12.6

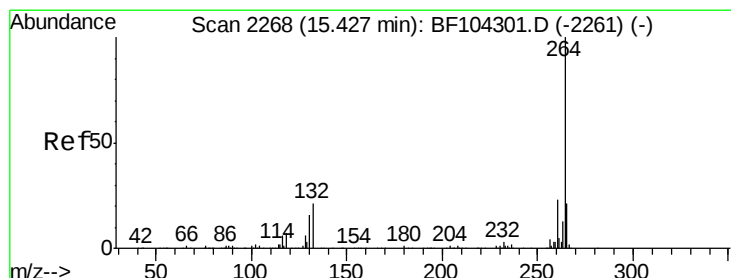
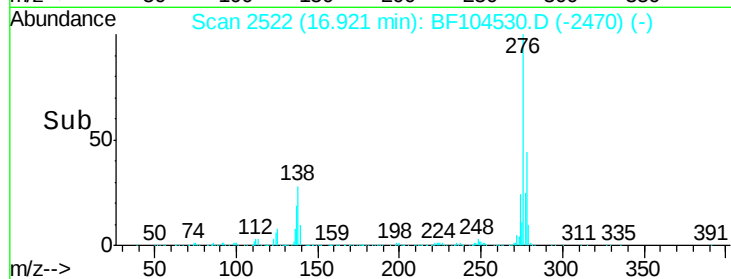
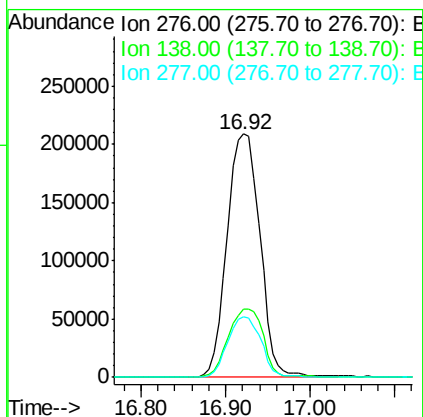
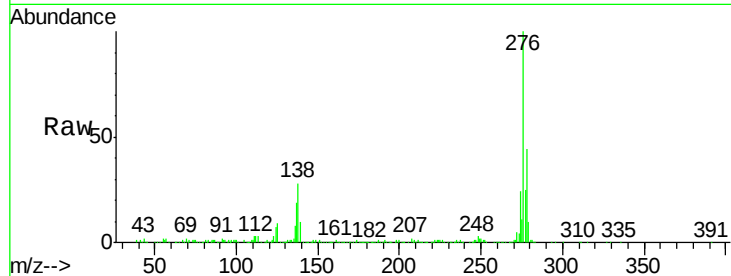




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.612 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.01 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

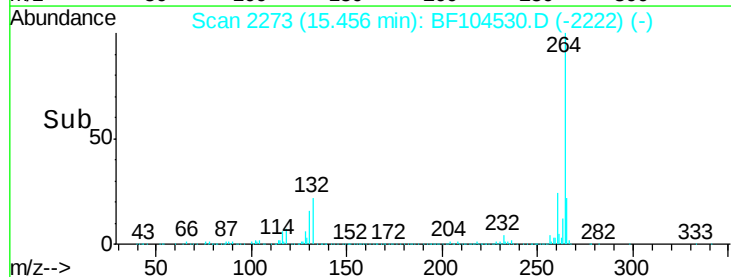
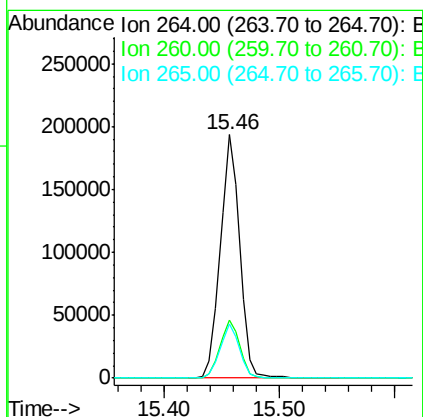
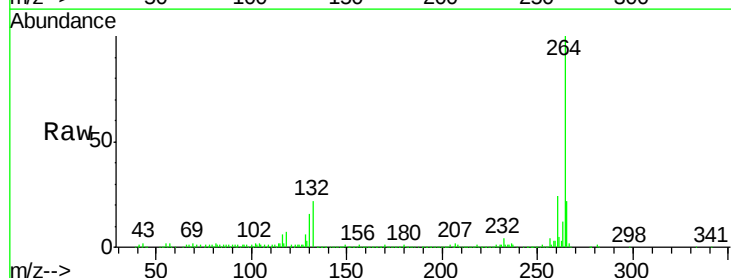
Instrument :
 BNA_F
 ClientSampleId :

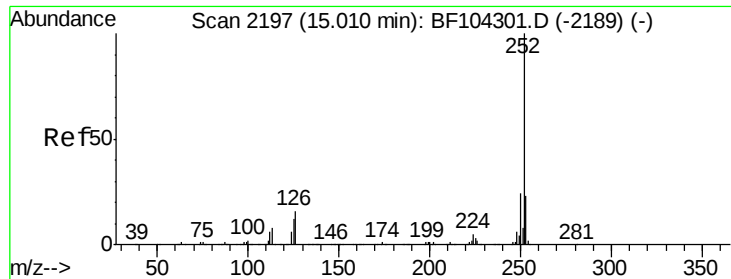
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.3	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 49.144 ng

RT: 15.03 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

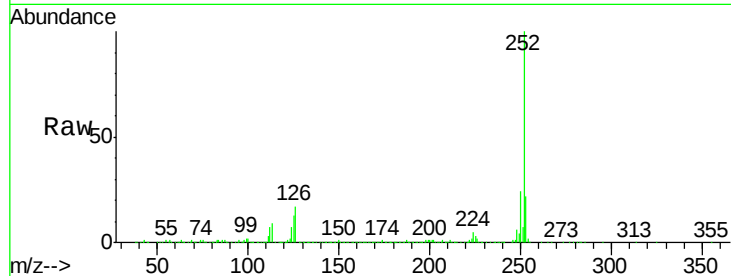
Tot Ion:252 Resp: 702882

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

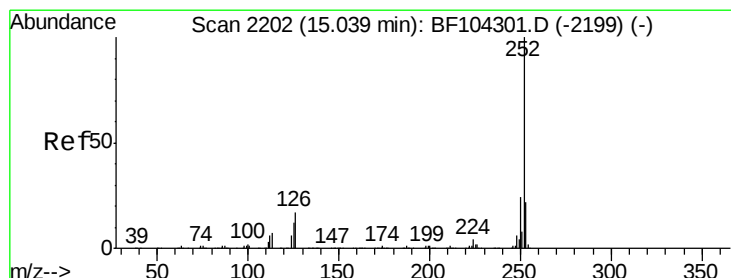
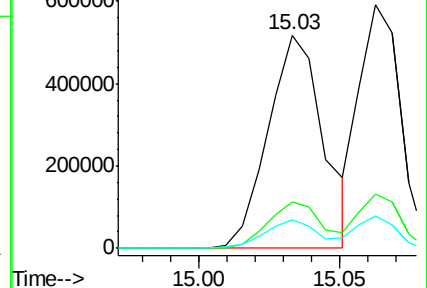
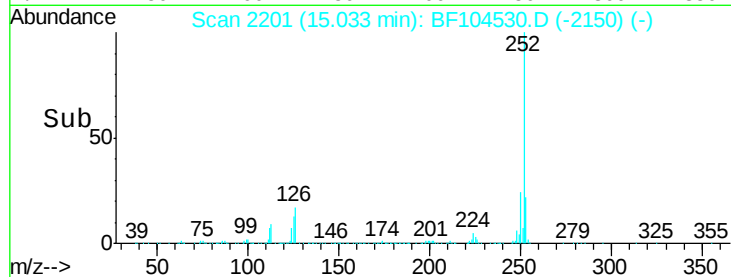
125 13.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.978 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

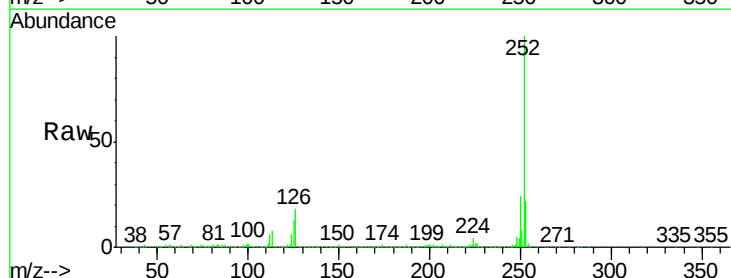
Tgt Ion:252 Resp: 607334

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

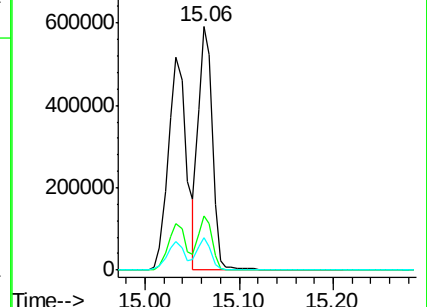
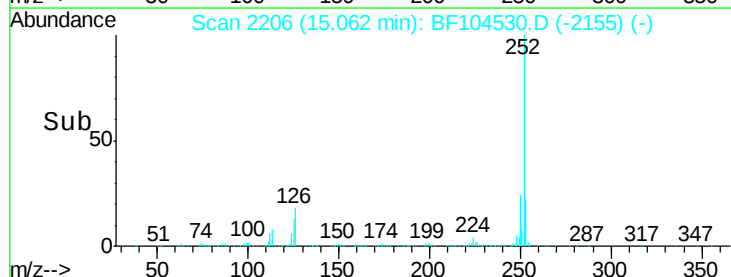
125 13.1 10.2 15.2

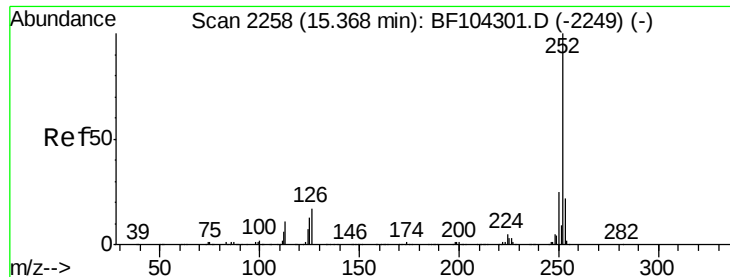


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.723 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

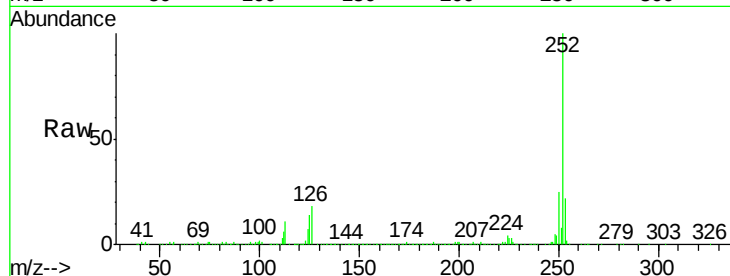
Tot Ion:252 Resp: 597918

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

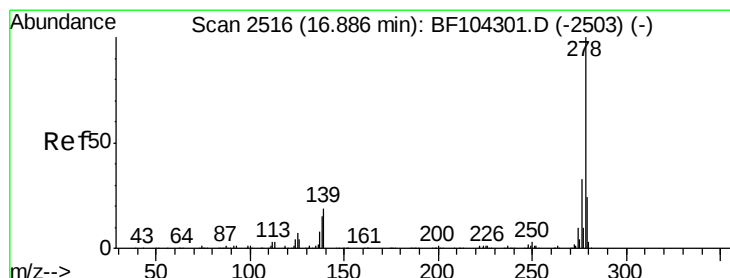
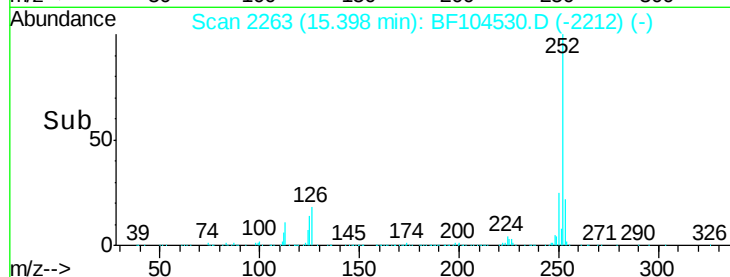
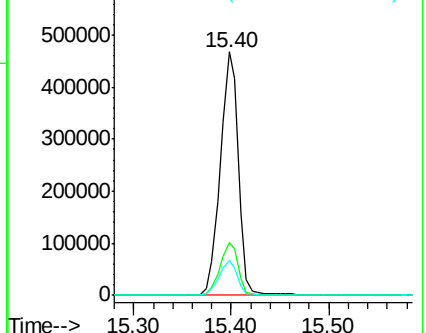
125 14.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.094 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

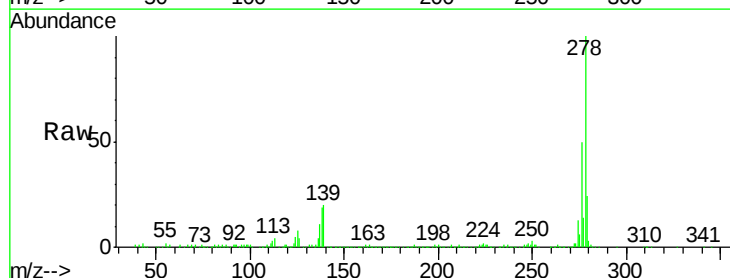
Tgt Ion:278 Resp: 473952

Ion Ratio Lower Upper

278 100

139 19.7 15.9 23.9

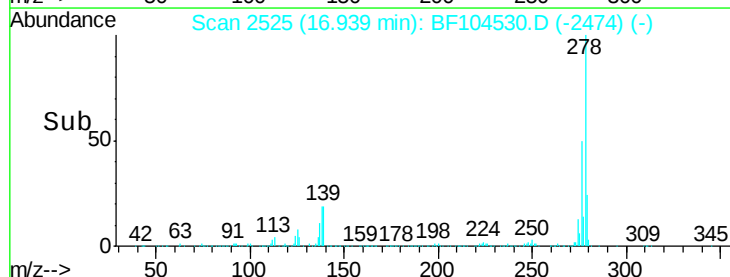
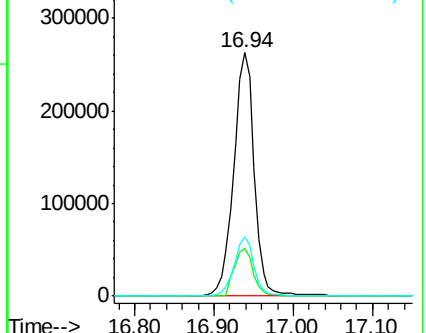
279 24.2 19.0 28.4

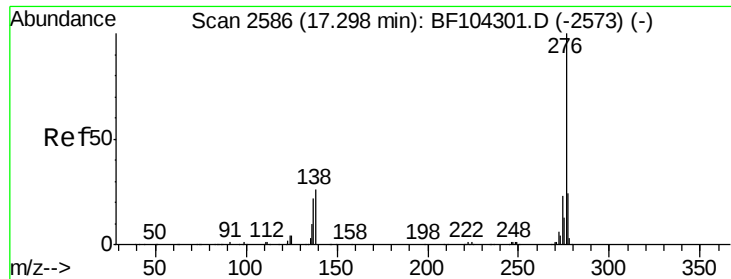


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.871 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

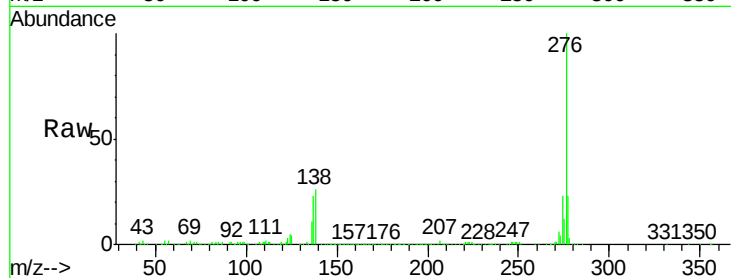
Tot Ion:276 Resp: 446727

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 26.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

