

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104538.D
 Acq On : 16 Apr 2018 17:47
 Operator : JU/SJ
 Sample : PB108254BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 18:16:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149643	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	623420	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	291847	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	531017	20.00	ng	0.00
75) Chrysene-d12	13.99	240	378858	20.00	ng	0.00
86) Perylene-d12	15.46	264	300188	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1098158	112.21	ng	0.02
7) Phenol-d6	6.46	99	1466383	121.95	ng	0.00
23) Nitrobenzene-d5	7.38	82	938922	98.34	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	381036	125.86	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1570374	85.00	ng	0.00
78) Terphenyl-d14	12.93	244	1560059	93.88	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	153299	33.617	ng	90
3) Pyridine	3.35	79	449215	35.037	ng	89
4) n-Nitrosodimethylamine	3.30	42	160838	35.887	ng	# 77
6) Aniline	6.47	93	492304	29.469	ng	# 59
8) 2-Chlorophenol	6.60	128	443196	42.906	ng	93
9) Benzaldehyde	6.36	77	135580	18.478	ng	99
10) Phenol	6.47	94	522243	40.933	ng	82
11) bis(2-Chloroethyl)ether	6.55	93	437613	42.982	ng	96
12) 1,3-Dichlorobenzene	6.75	146	474635	40.560	ng	98
13) 1,4-Dichlorobenzene	6.83	146	474291	40.659	ng	99
14) 1,2-Dichlorobenzene	6.98	146	435900	40.324	ng	99
15) Benzyl Alcohol	6.96	79	364556	39.916	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	571306	41.783	ng	90
17) 2-Methylphenol	7.07	107	365528	40.709	ng	95
18) Hexachloroethane	7.32	117	176182	42.361	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	294811	37.519	ng	94
20) 3+4-Methylphenols	7.23	107	418925	37.619	ng	# 75
22) Acetophenone	7.22	105	583484	38.016	ng	96
24) Nitrobenzene	7.40	77	470447	44.631	ng	98
25) Isophorone	7.63	82	770091	38.144	ng	98
26) 2-Nitrophenol	7.71	139	256901	59.867	ng	97
27) 2,4-Dimethylphenol	7.75	122	353376	39.660	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	524505	42.491	ng	100
29) 2,4-Dichlorophenol	7.96	162	365654	43.010	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	378950	40.616	ng	99
31) Naphthalene	8.12	128	1180598	38.031	ng	99
32) Benzoic acid	7.89	122	326401	45.912	ng	96
33) 4-Chloroaniline	8.17	127	308392	23.189	ng	96
34) Hexachlorobutadiene	8.23	225	208061	40.713	ng	100
35) Caprolactam	8.55	113	92809	31.293	ng	89
36) 4-Chloro-3-methylphenol	8.66	107	401506	44.045	ng	99
37) 2-Methylnaphthalene	8.81	142	766461	38.170	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	335667	40.179	ng	99
40) Hexachlorocyclopentadiene	8.96	237	374720	80.119	ng	99

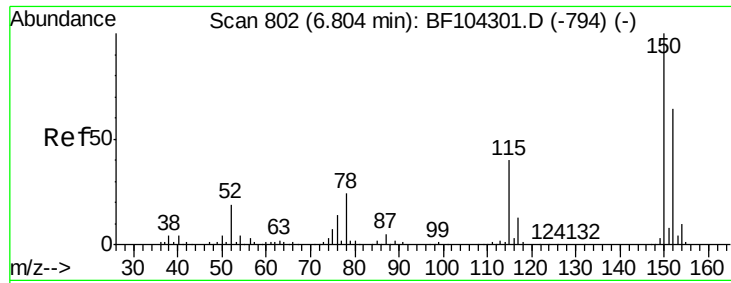
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	259233	44.700	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	264253	40.718	nq	97
45) 1,1'-Biphenyl	9.27	154	962640	39.264	nq	100
46) 2-Chloronaphthalene	9.30	162	787708	40.676	nq	100
47) 2-Nitroaniline	9.40	65	250782	52.365	nq	98
48) Acenaphthylene	9.72	152	1159056	38.147	nq	99
49) Dimethylphthalate	9.58	163	918693	39.918	nq	100
50) 2,6-Dinitrotoluene	9.64	165	211973	49.776	nq	98
51) Acenaphthene	9.89	154	668261	36.048	nq	100
52) 3-Nitroaniline	9.81	138	176154	35.333	nq	99
53) 2,4-Dinitrophenol	9.92	184	185799	96.183	nq	# 20
54) Dibenzofuran	10.06	168	1030495	39.888	nq	99
55) 4-Nitrophenol	9.99	139	349524	89.249	nq	95
56) 2,4-Dinitrotoluene	10.05	165	277479	49.674	nq	# 98
57) Fluorene	10.40	166	741891	39.453	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	212346	43.858	nq	95
59) Diethylphthalate	10.28	149	889889	38.825	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	368686	44.024	nq	100
61) 4-Nitroaniline	10.43	138	235272	48.264	nq	96
62) Azobenzene	10.56	77	882492	40.300	nq	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	148715	56.049	nq	83
65) n-Nitrosodiphenylamine	10.52	169	743317	40.372	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	239808	42.457	nq	93
67) Hexachlorobenzene	10.95	284	264777	41.661	nq	92
68) Atrazine	11.04	200	244784	44.046	nq	99
69) Pentachlorophenol	11.15	266	280804	71.417	nq	97
70) Phenanthrene	11.37	178	1113169	37.643	nq	99
71) Anthracene	11.42	178	1121287	37.301	nq	100
72) Carbazole	11.58	167	1156343	39.366	nq	99
73) Di-n-butylphthalate	11.90	149	1393500	38.835	nq	100
74) Fluoranthene	12.56	202	1144315	37.036	nq	100
76) Benzidine	12.68	184	431383	31.523	nq	98
77) Pyrene	12.79	202	1181040	42.056	nq	99
79) Butylbenzylphthalate	13.40	149	577156	43.625	nq	98
80) Benzo(a)anthracene	13.98	228	930281	41.102	nq	100
81) 3,3'-Dichlorobenzidine	13.94	252	261976	31.044	nq	98
82) Chrysene	14.02	228	911769	39.219	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	747298	43.915	nq	99
84) Di-n-octyl phthalate	14.59	149	1138746	40.049	nq	96
85) Indeno(1,2,3-cd)pyrene	16.92	276	772825	39.133	nq	99
87) Benzo(b)fluoranthene	15.03	252	750742	39.597	nq	98
88) Benzo(k)fluoranthene	15.06	252	729651	40.764	nq	99
89) Benzo(a)pyrene	15.40	252	672912	39.667	nq	97
90) Dibenzo(a,h)anthracene	16.94	278	637179	45.733	nq	98
91) Benzo(g,h,i)perylene	17.36	276	671112	49.719	nq	98

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

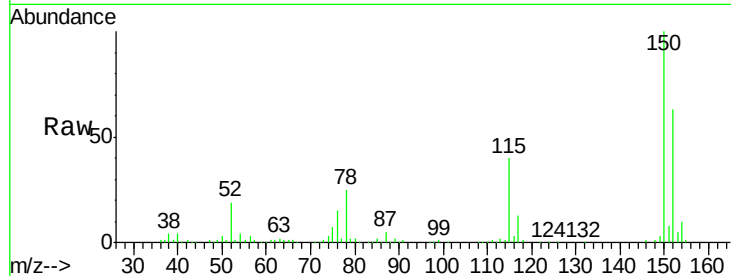


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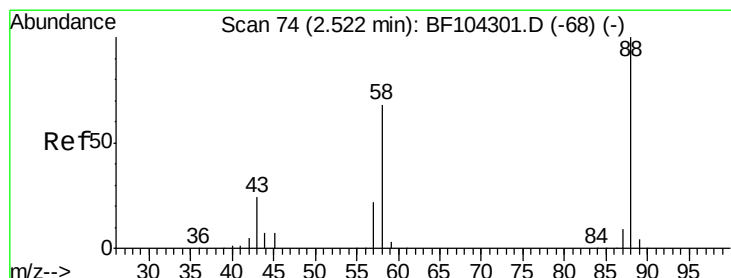
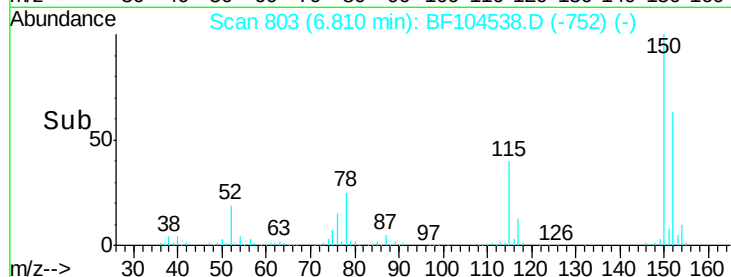
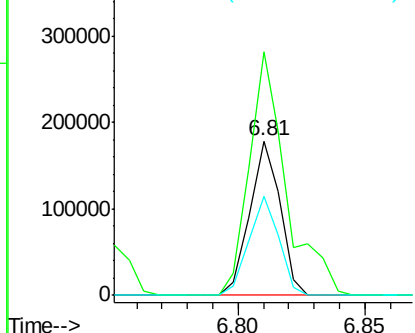
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149643
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 63.9 50.1 75.1



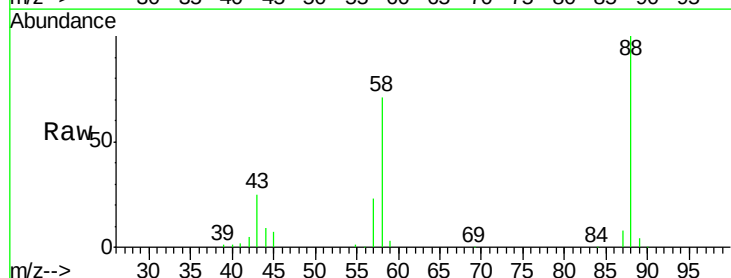
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



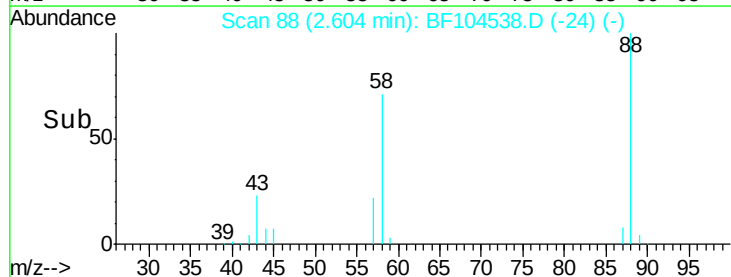
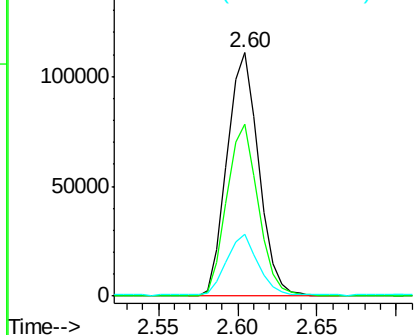
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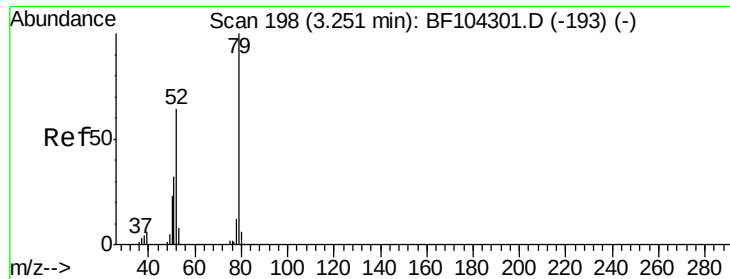
1,4-Dioxane
Concen: 33.617 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.08 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion: 88 Resp: 153299
Ion Ratio Lower Upper
88 100
58 70.1 62.6 93.8
43 25.1 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: 35.037 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.08 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

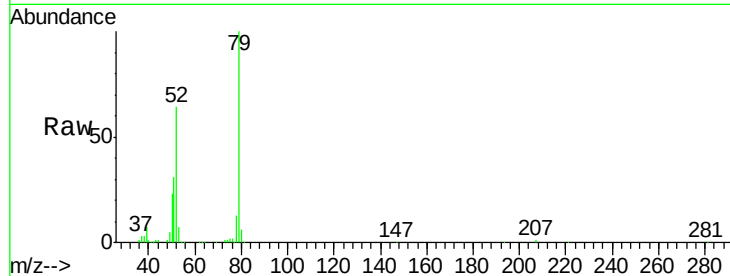
Tot Ion: 79 Resp: 449215

Ion Ratio Lower Upper

79 100

52 64.4 59.8 89.6

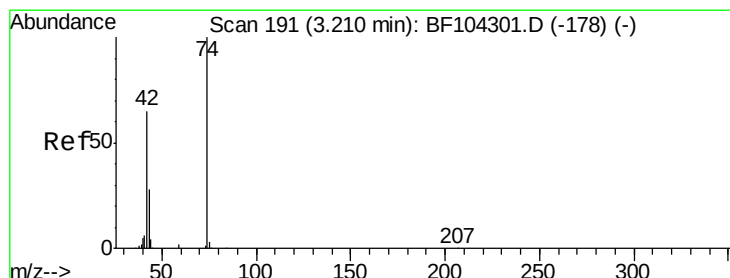
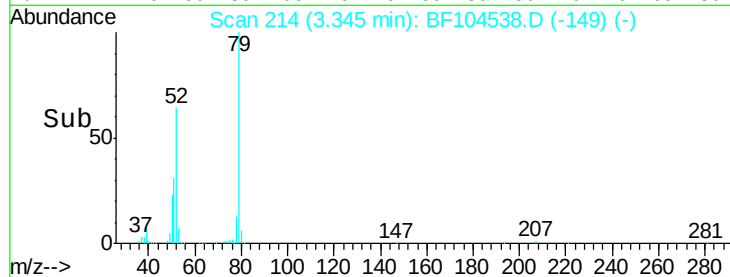
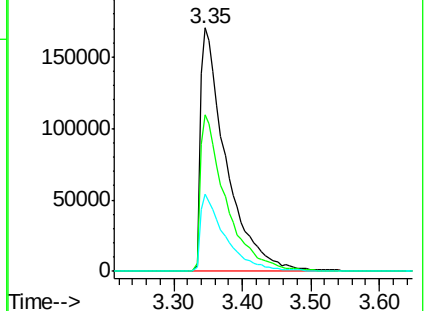
51 31.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.887 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.07 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

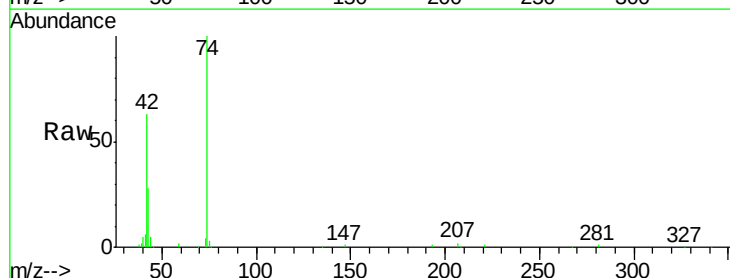
Tgt Ion: 42 Resp: 160838

Ion Ratio Lower Upper

42 100

74 159.3 104.9 157.3#

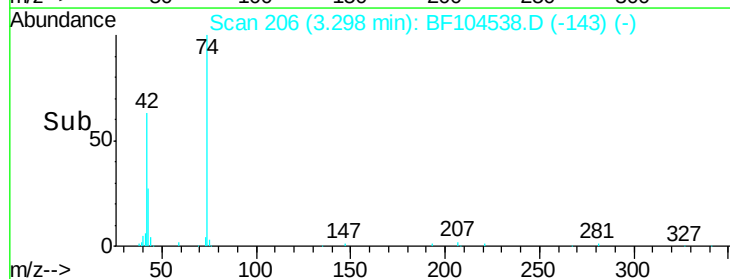
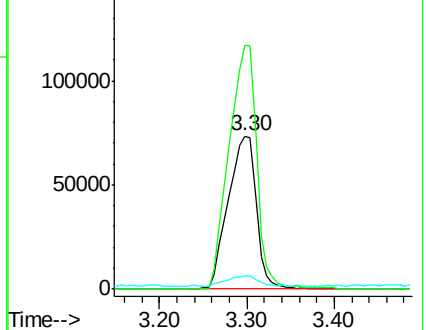
44 8.7 6.9 10.3

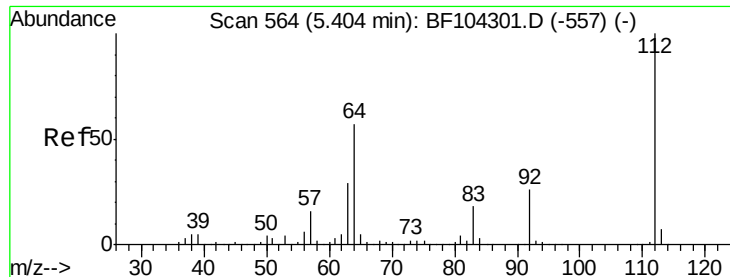


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.210 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampled :

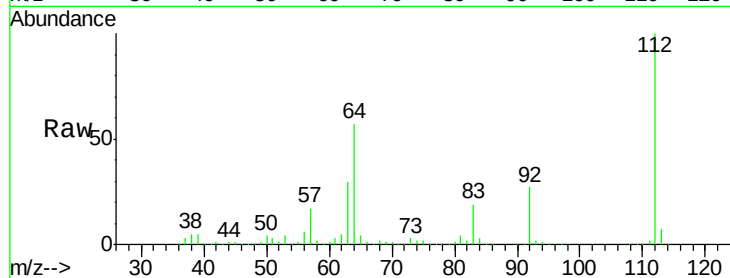
Tot Ion:112 Resp: 1098158

Ion Ratio Lower Upper

112 100

64 57.3 47.9 71.9

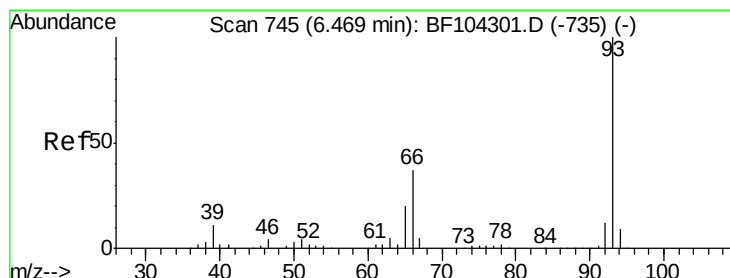
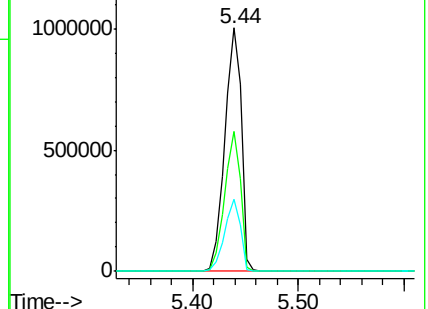
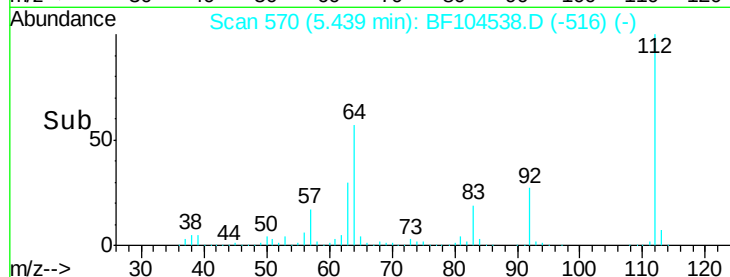
63 29.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.469 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

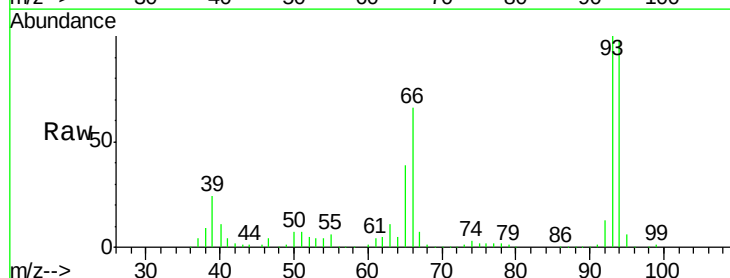
Tgt Ion: 93 Resp: 492304

Ion Ratio Lower Upper

93 100

66 66.0 32.2 48.2#

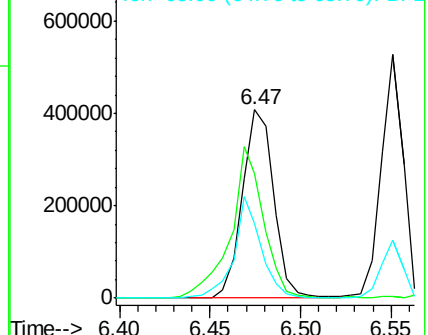
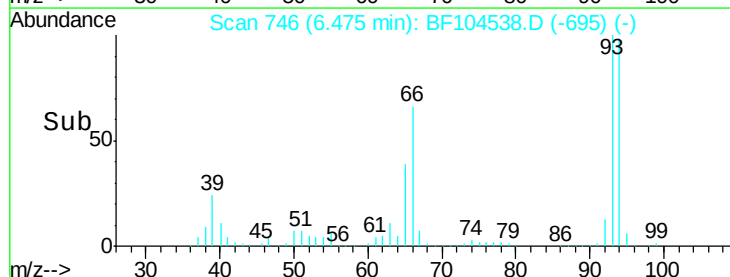
65 39.5 16.4 24.6#

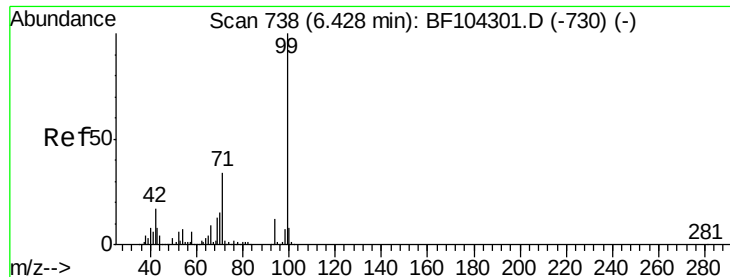


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.949 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampled :

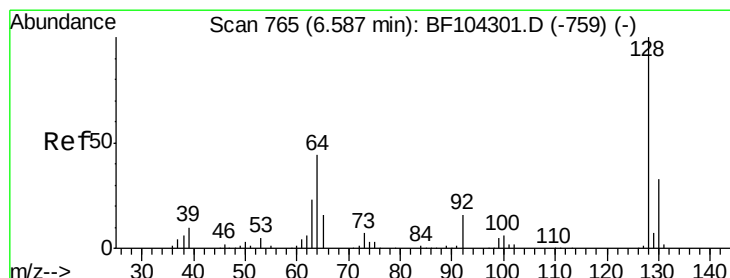
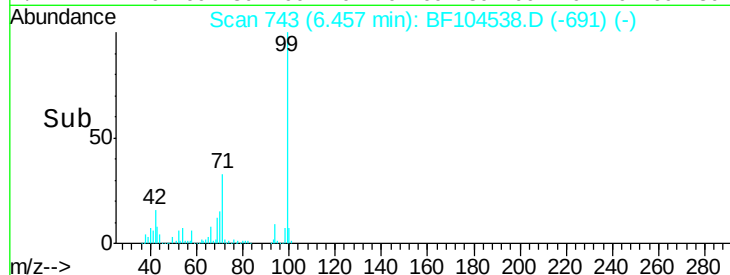
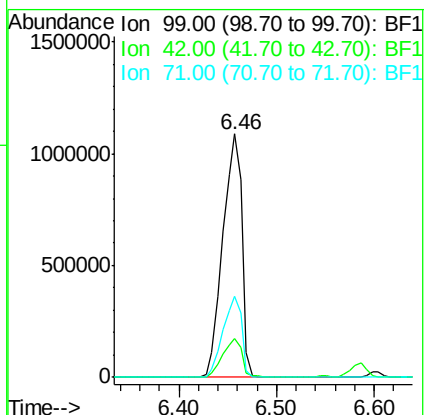
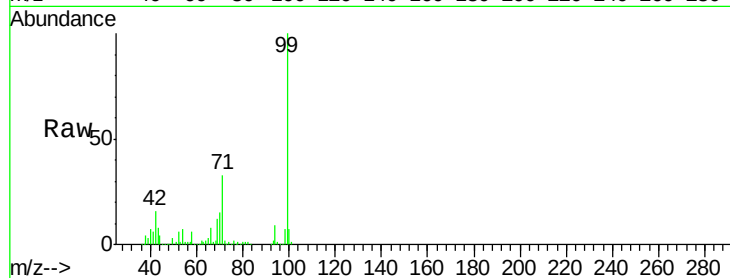
Tot Ion: 99 Resp: 1466383

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 33.1 25.4 38.0



#8

2-Chlorophenol

Concen: 42.906 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

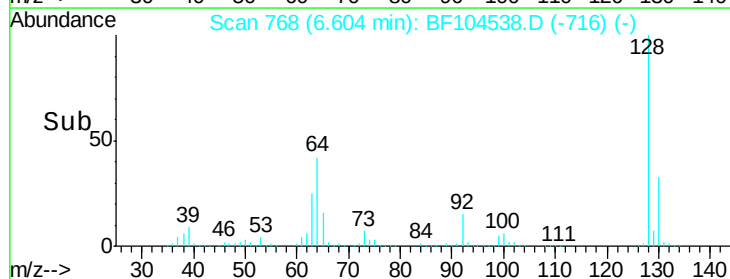
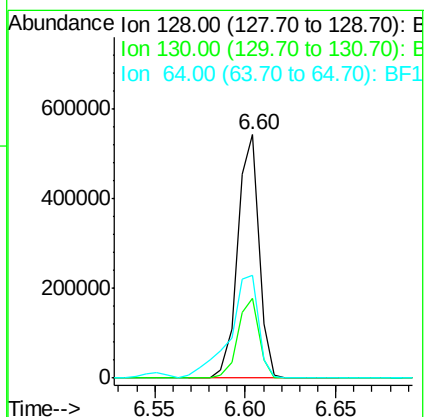
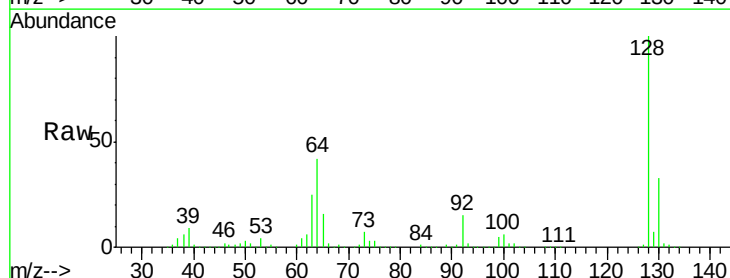
Tgt Ion: 128 Resp: 443196

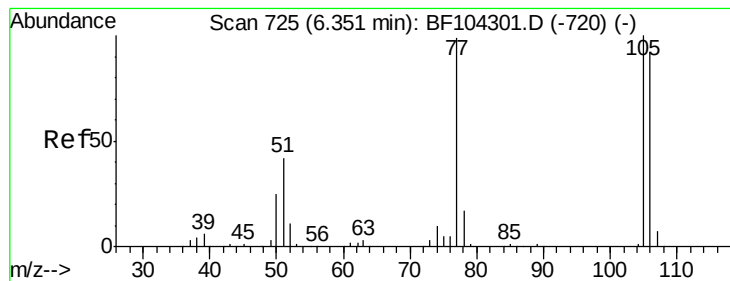
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 42.1 29.4 69.4





#9

Benzaldehyde

Concen: 18.478 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

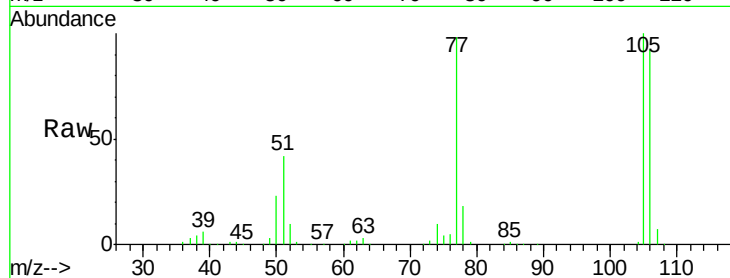
Tot Ion: 77 Resp: 135580

Ion Ratio Lower Upper

77 100

105 102.1 81.1 121.1

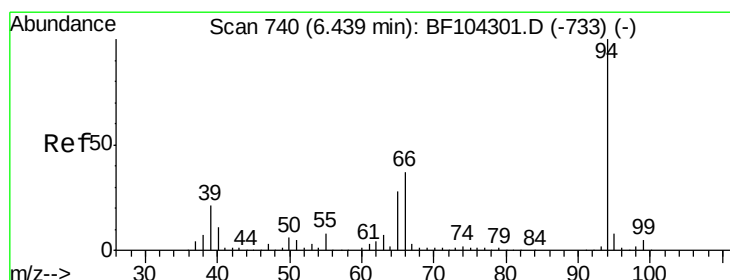
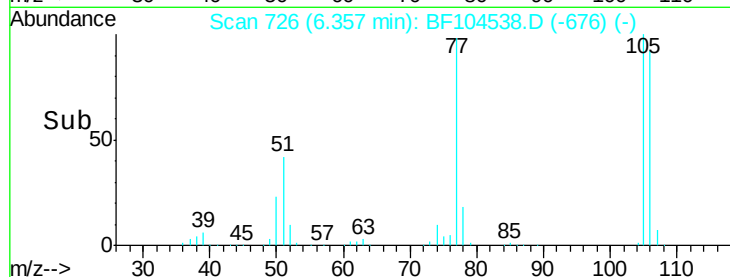
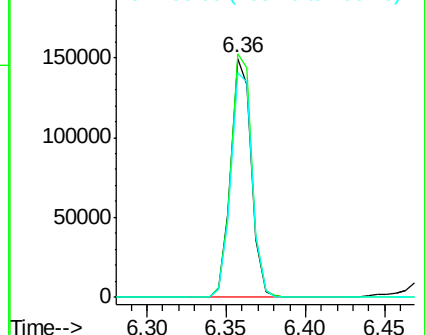
106 94.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.933 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

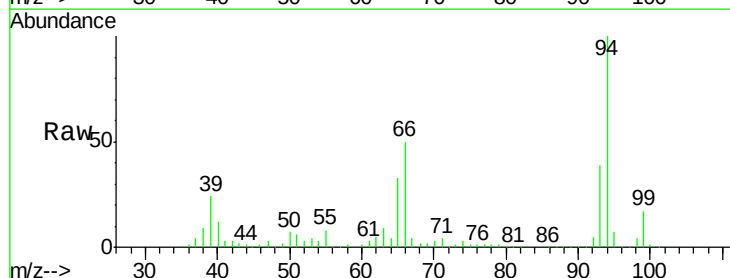
Tgt Ion: 94 Resp: 522243

Ion Ratio Lower Upper

94 100

65 33.5 7.9 47.9

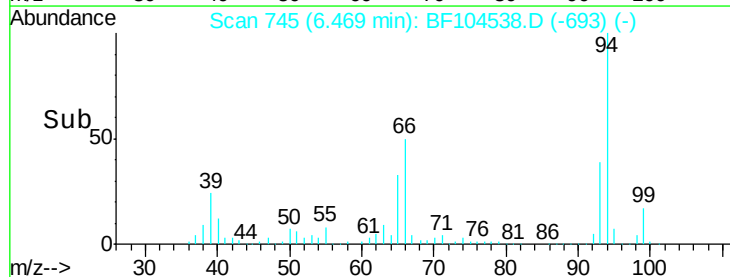
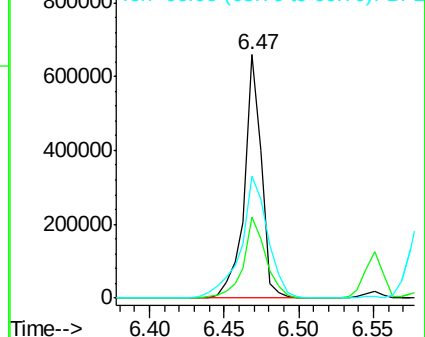
66 49.9 16.2 56.2

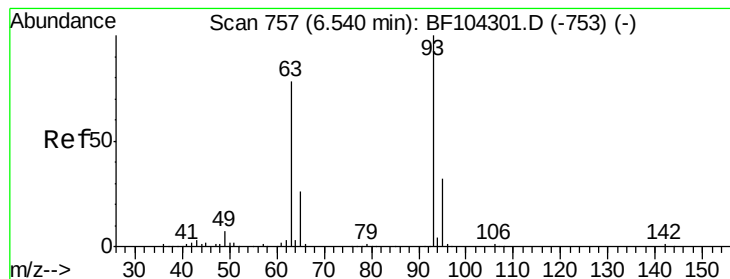


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.982 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

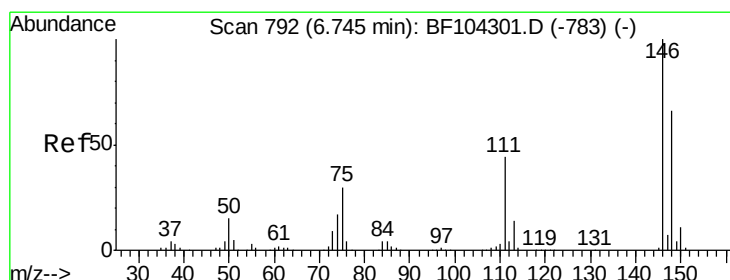
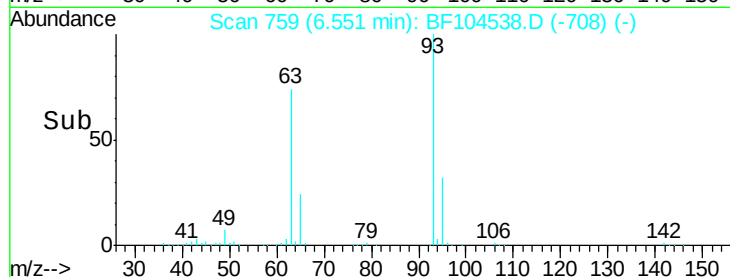
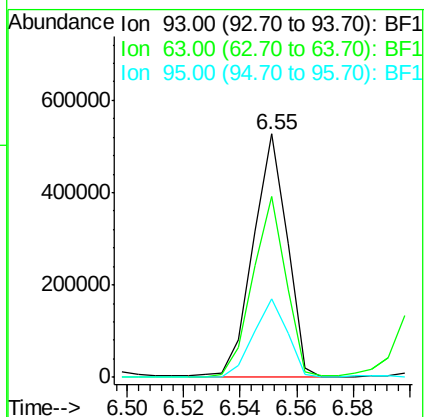
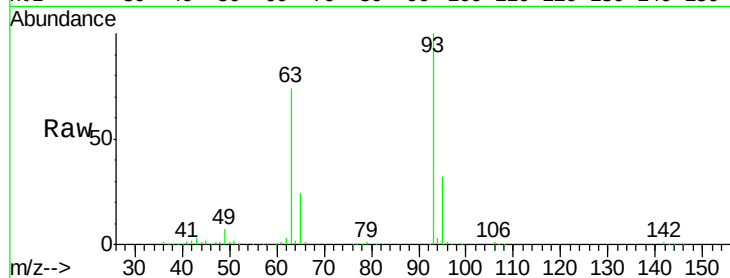
Tot Ion: 93 Resp: 437613

Ion Ratio Lower Upper

93 100

63 74.3 58.6 98.6

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.560 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

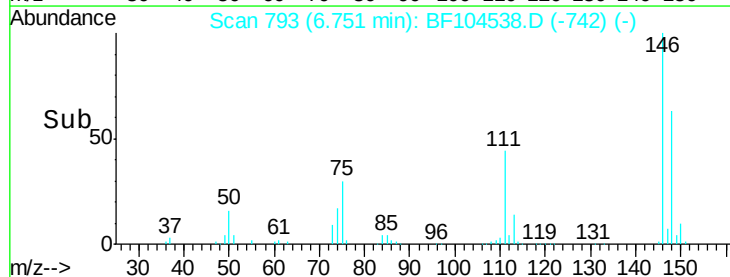
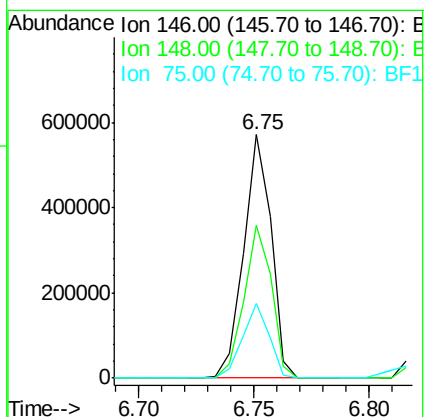
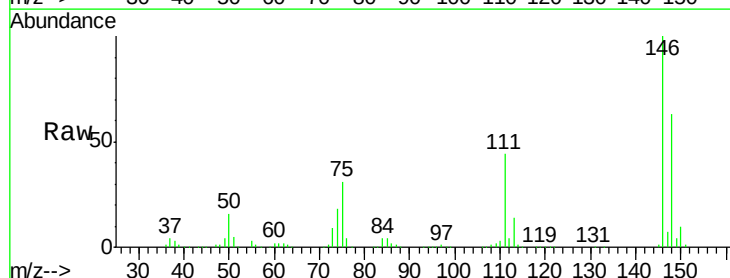
Tgt Ion: 146 Resp: 474635

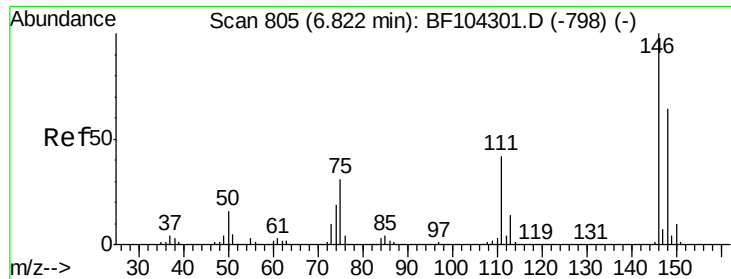
Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.8

75 30.6 24.2 36.4

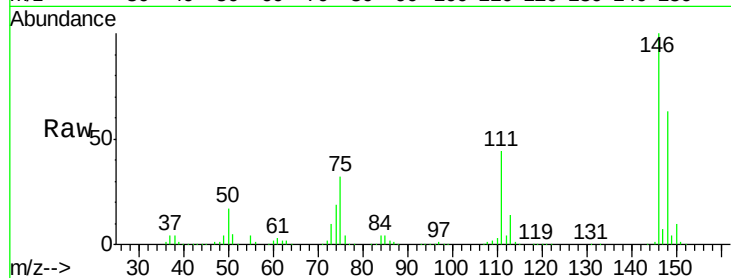




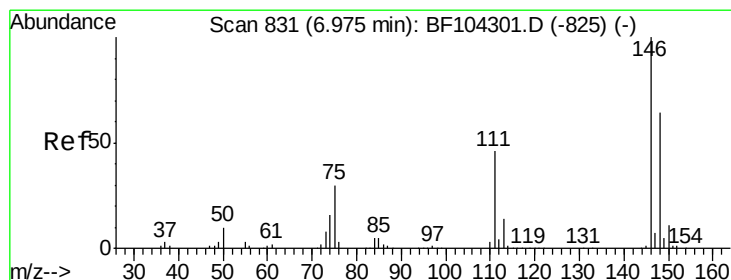
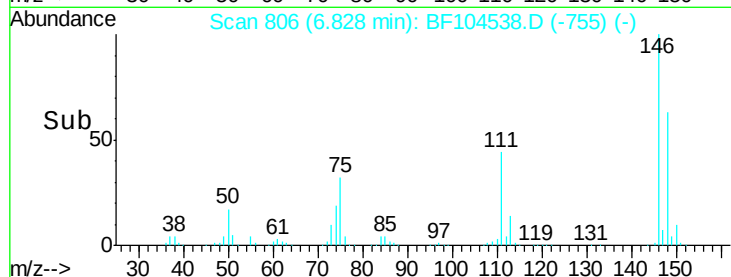
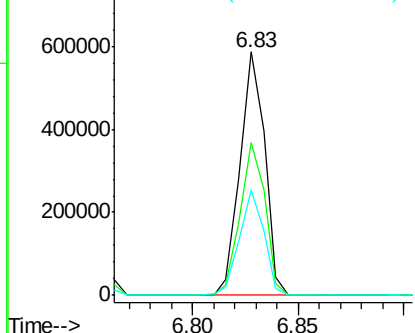
#13
 1,4-Dichlorobenzene
 Concen: 40.659 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 474291
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.8 76.2
 111 43.5 34.2 51.2

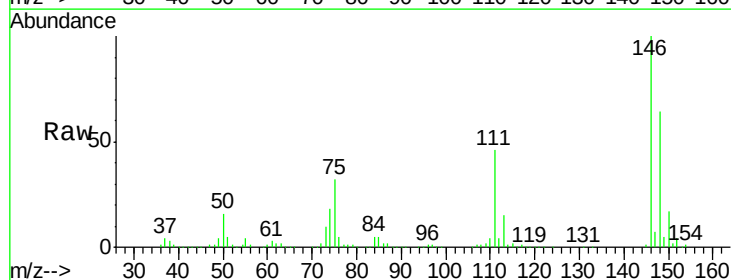


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

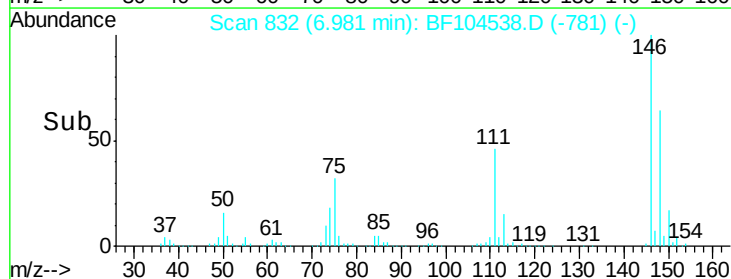
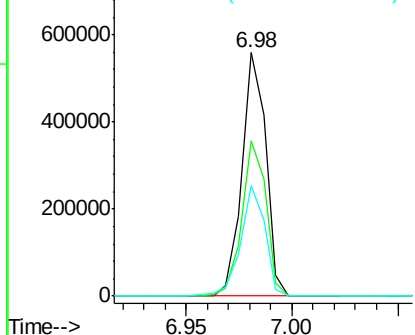


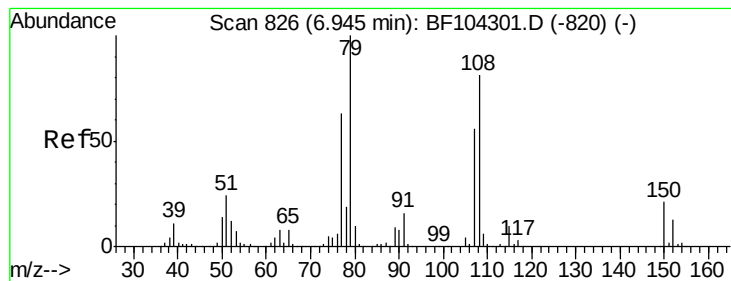
#14
 1,2-Dichlorobenzene
 Concen: 40.324 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:146 Resp: 435900
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 45.6 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: 39.916 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampled :

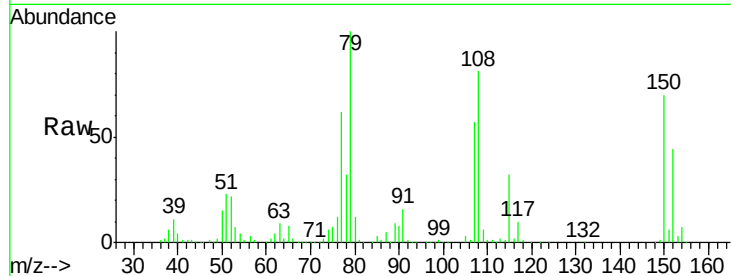
Tot Ion: 79 Resp: 364556

Ion Ratio Lower Upper

79 100

108 81.1 65.1 97.7

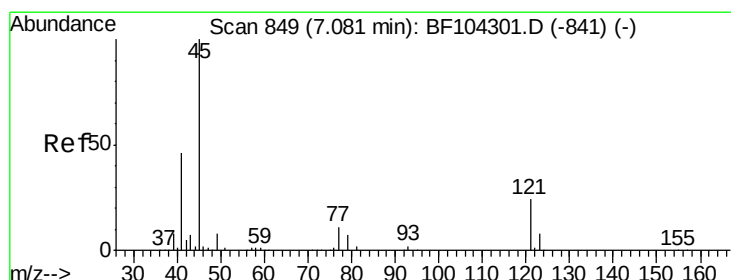
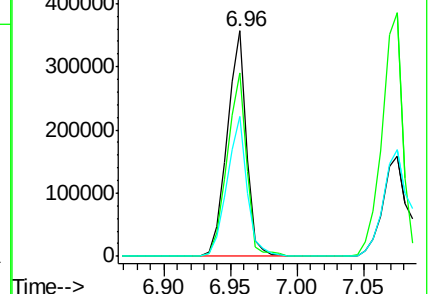
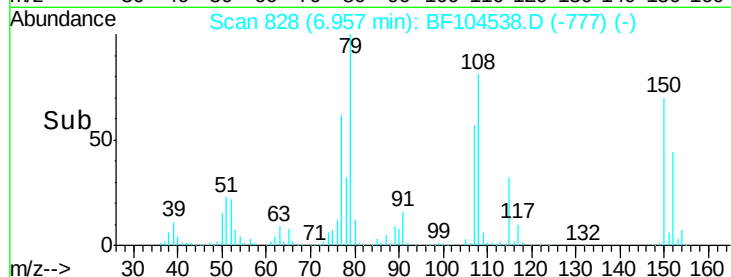
77 62.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.783 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

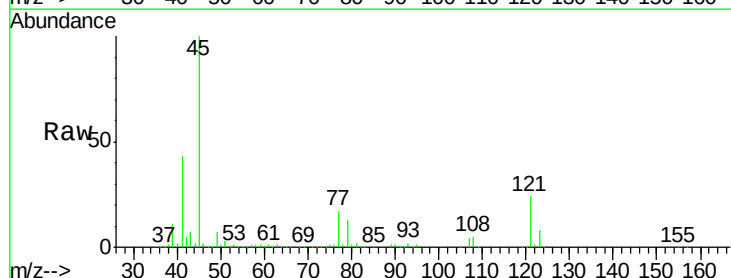
Tgt Ion: 45 Resp: 571306

Ion Ratio Lower Upper

45 100

77 16.8 0.0 32.9

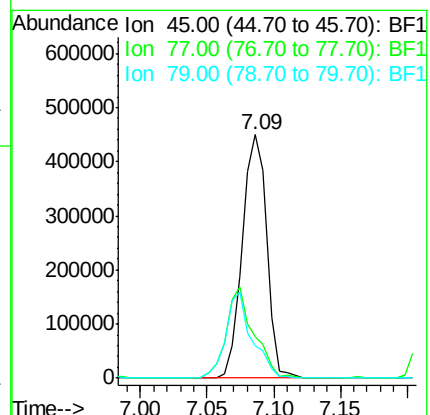
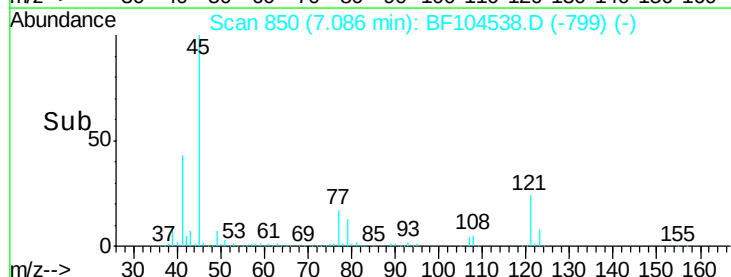
79 13.2 0.0 29.6

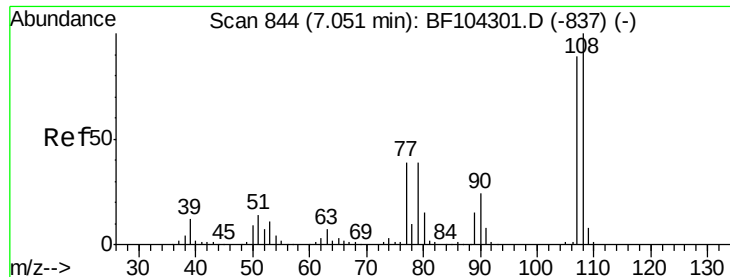


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

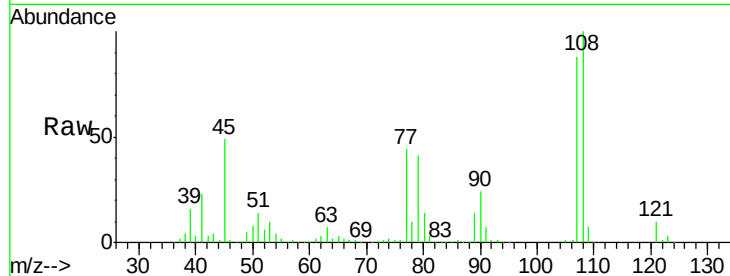




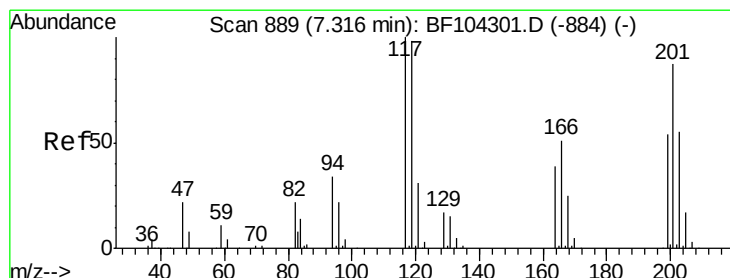
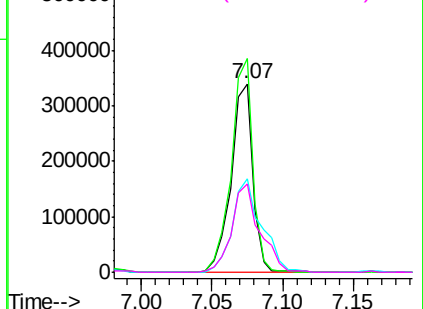
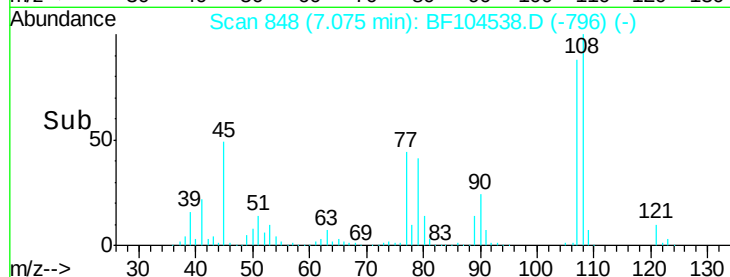
#17
2-Methylphenol
Concen: 40.709 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	365528
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.7	137.5
77	49.9	33.8	50.8
79	46.7	33.8	50.8

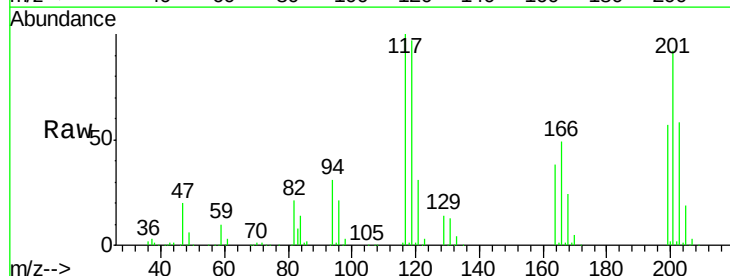


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

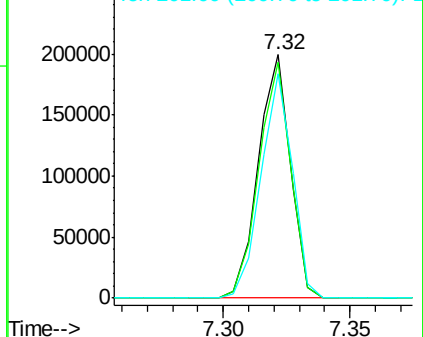
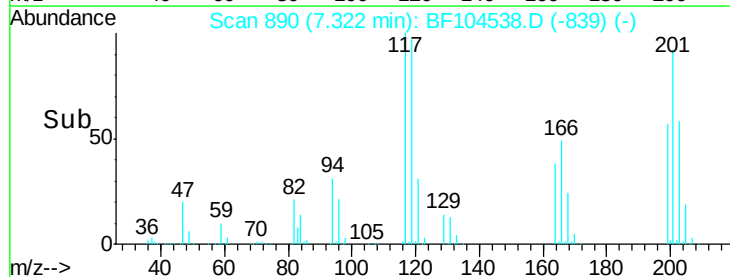


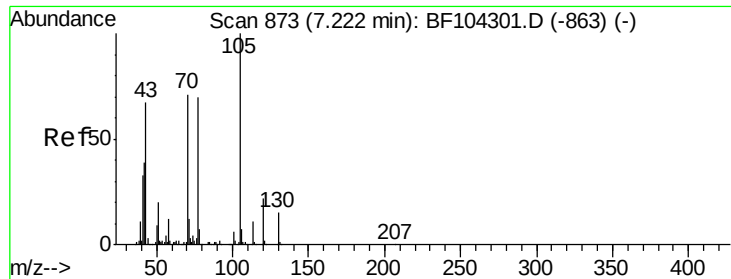
#18
Hexachloroethane
Concen: 42.361 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion:	117	Resp:	176182
Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.8	113.8
201	92.0	75.7	113.5



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

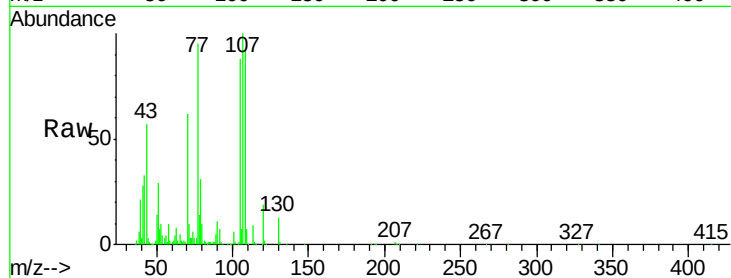




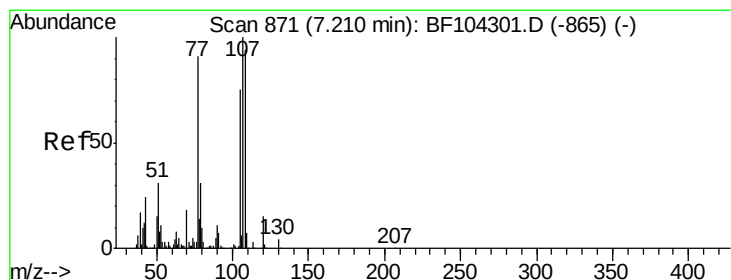
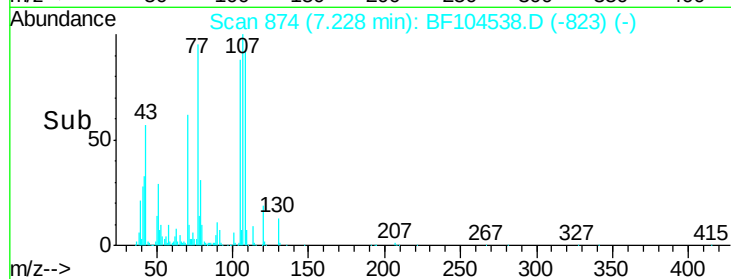
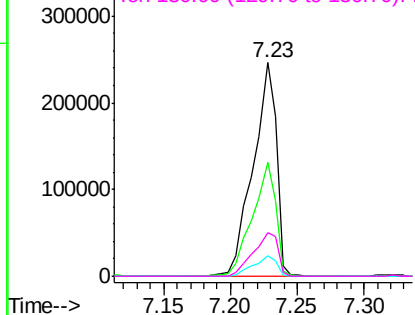
#19
n-Nitroso-di-n-propylamine
Concen: 37.519 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 294811
Ion Ratio Lower Upper
70 100
42 53.5 47.5 71.3
101 9.5 7.4 11.2
130 20.4 16.6 25.0



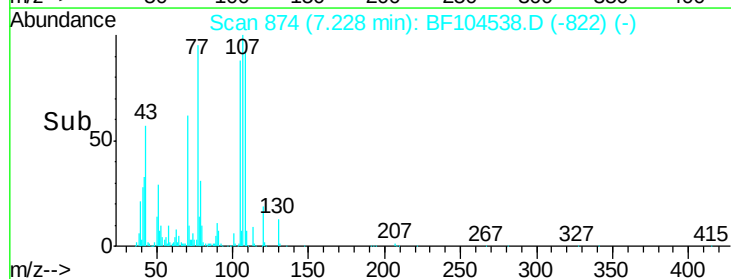
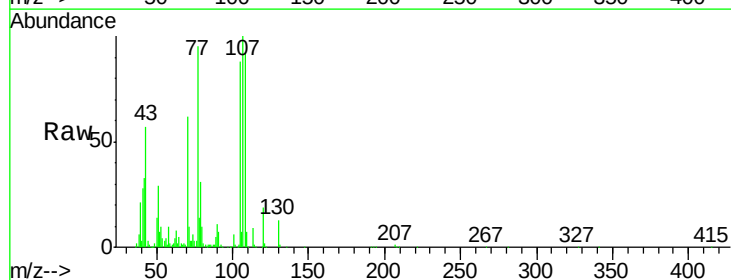
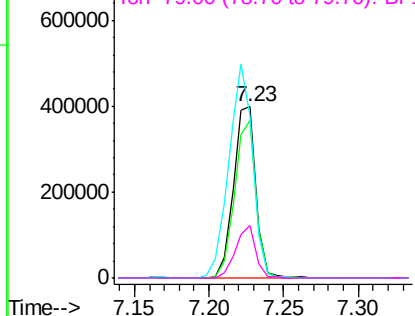
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

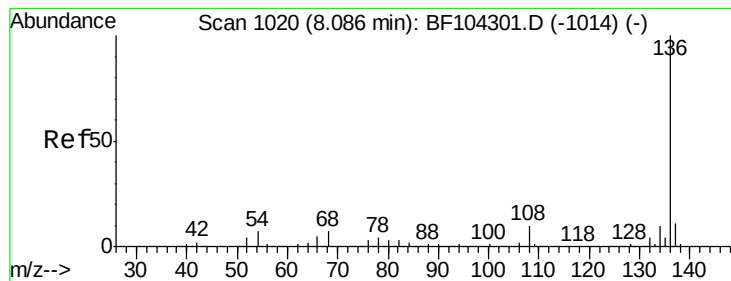


#20
3+4-Methylphenols
Concen: 37.619 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion:107 Resp: 418925
Ion Ratio Lower Upper
107 100
108 92.2 68.2 108.2
77 95.0 26.7 66.7#
79 30.8 6.3 46.3

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 623420

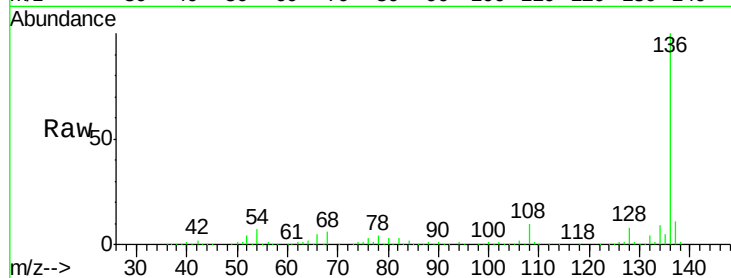
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.8 6.6 9.8

68 5.9 5.0 7.4

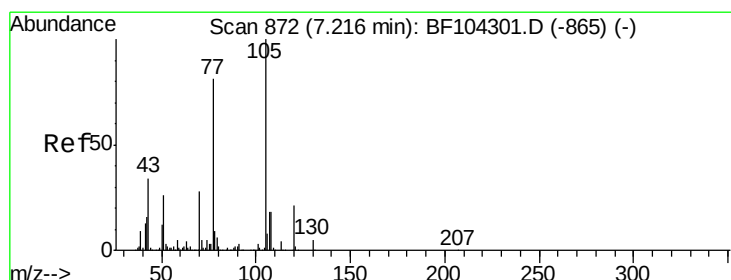
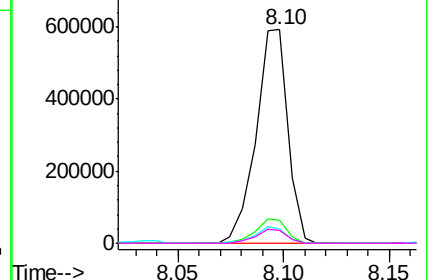
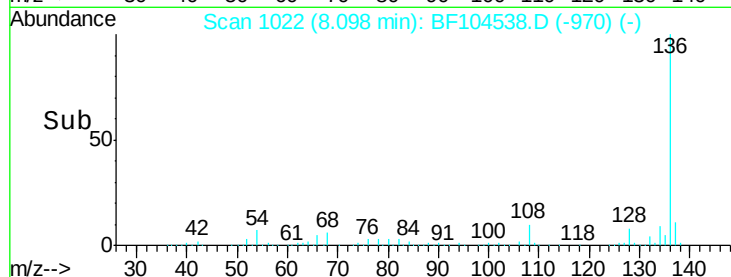


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.016 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion:105 Resp: 583484

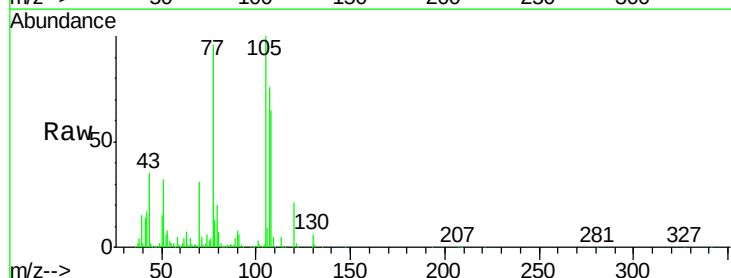
Ion Ratio Lower Upper

105 100

71 5.3 4.4 6.6

51 31.8 22.3 33.5

120 21.1 16.9 25.3

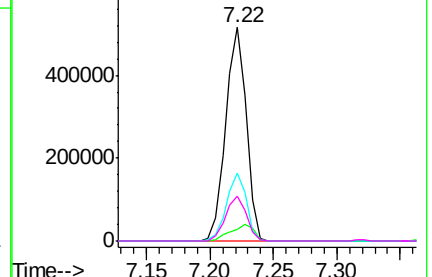
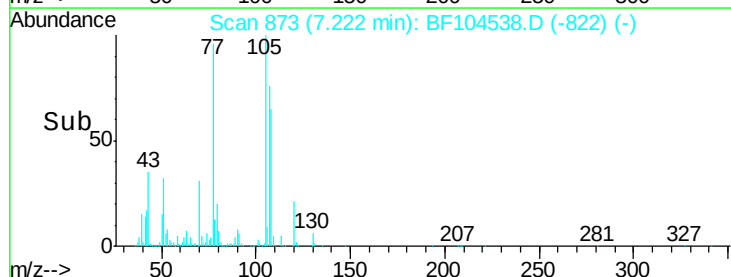


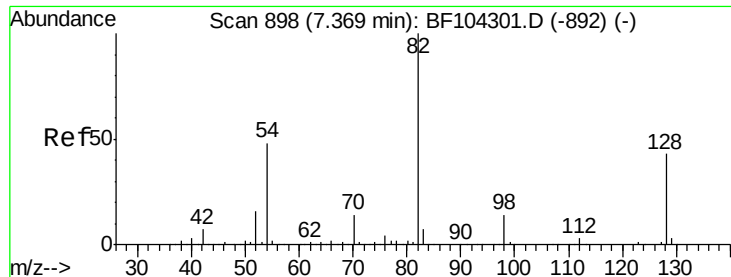
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

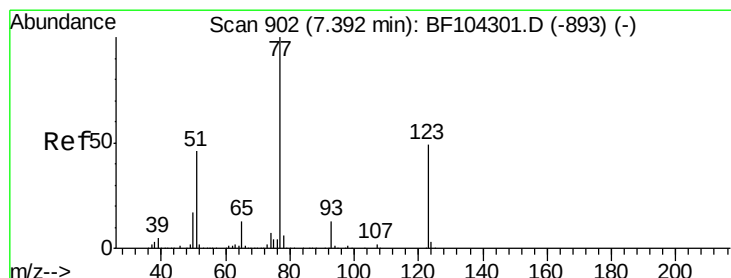
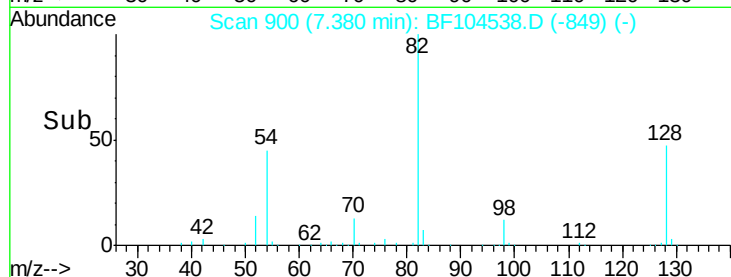
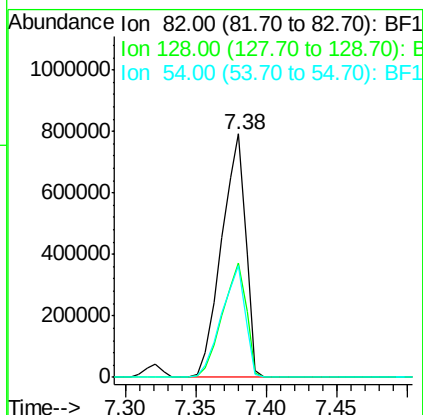
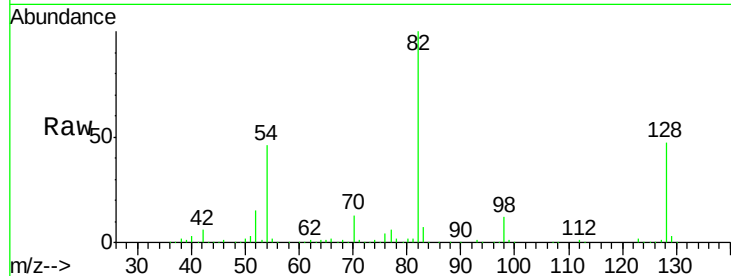




#23
 Nitrobenzene-d5
 Concen: 98.344 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

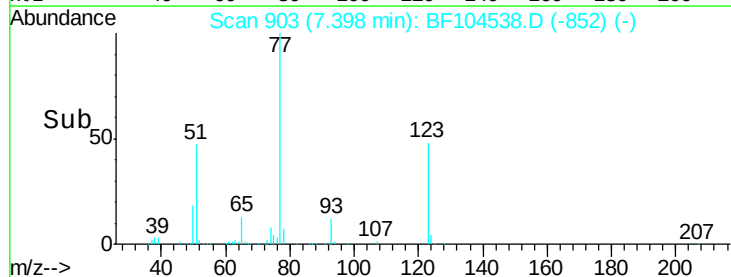
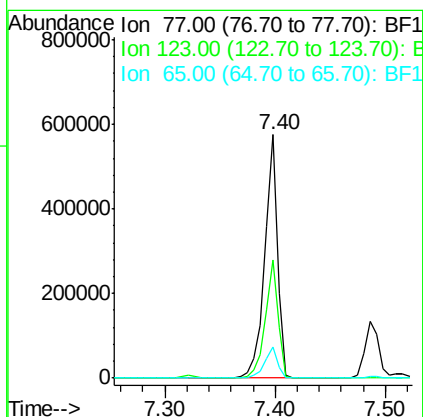
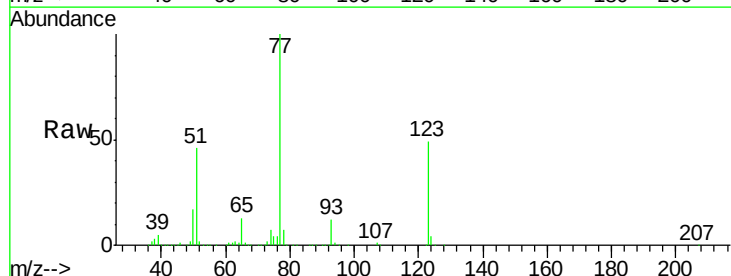
Instrument :
 BNA_F
 ClientSampled :

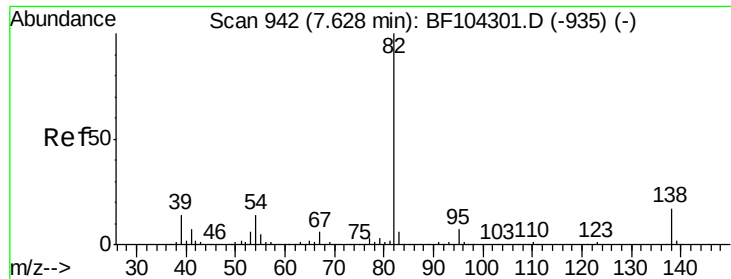
Tot Ion: 82 Resp: 938922
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.1 54.1
 54 46.0 41.4 62.2



#24
 Nitrobenzene
 Concen: 44.631 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion: 77 Resp: 470447
 Ion Ratio Lower Upper
 77 100
 123 48.5 37.9 56.9
 65 13.0 11.0 16.4





#25

Isophorone

Concen: 38.144 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

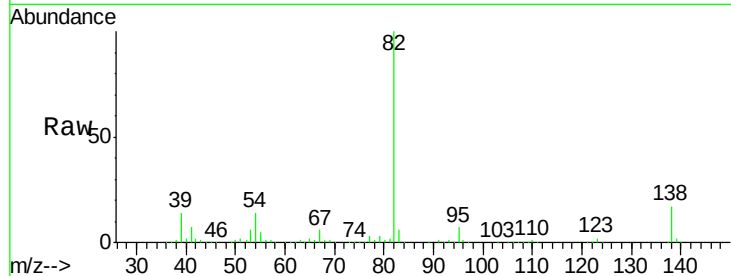
Tot Ion: 82 Resp: 770091

Ion Ratio Lower Upper

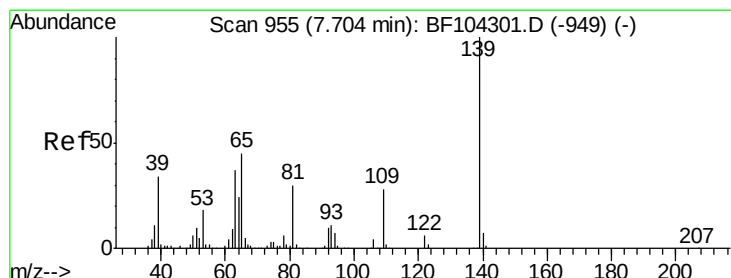
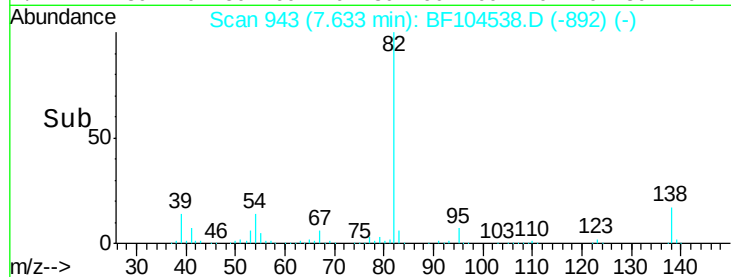
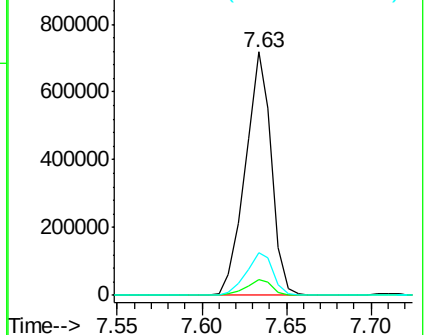
82 100

95 6.7 5.2 7.8

138 17.5 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: 59.867 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

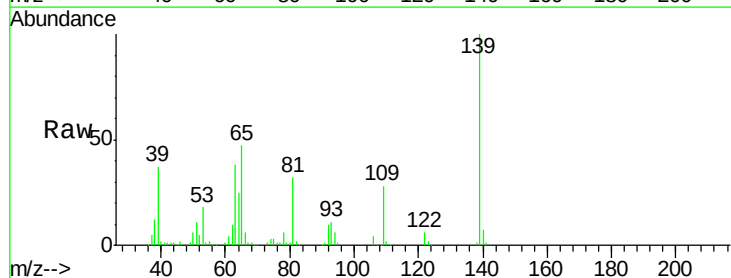
Tgt Ion: 139 Resp: 256901

Ion Ratio Lower Upper

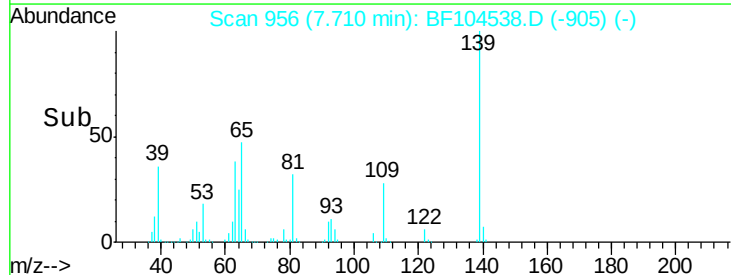
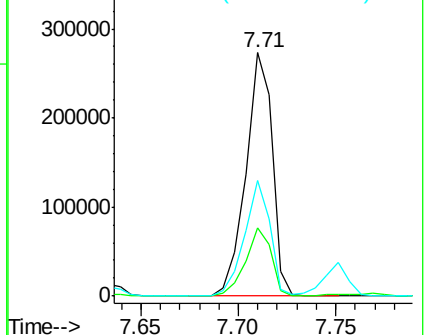
139 100

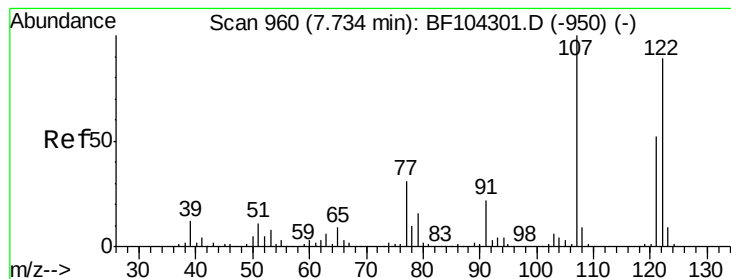
109 27.9 22.7 34.1

65 47.4 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: 39.660 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampled :

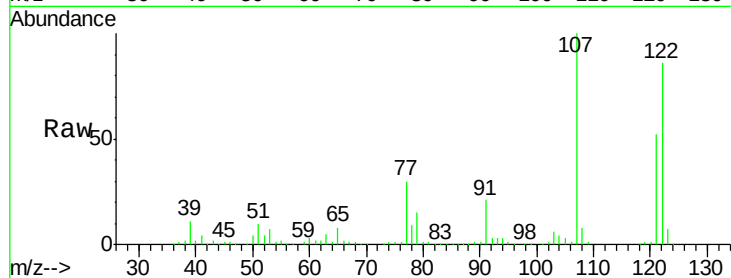
Tot Ion:122 Resp: 353376

Ion Ratio Lower Upper

122 100

107 116.3 91.2 136.8

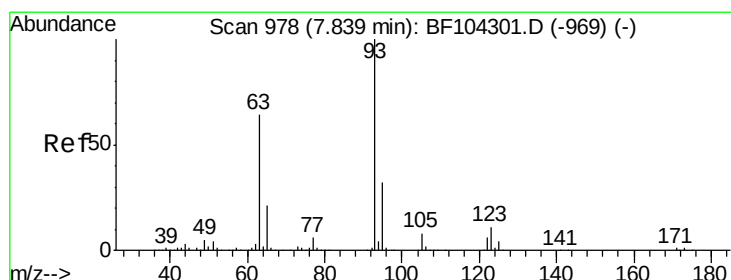
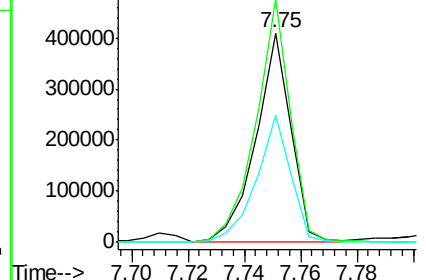
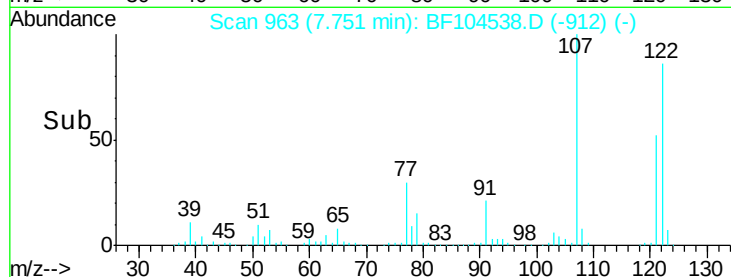
121 60.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.491 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

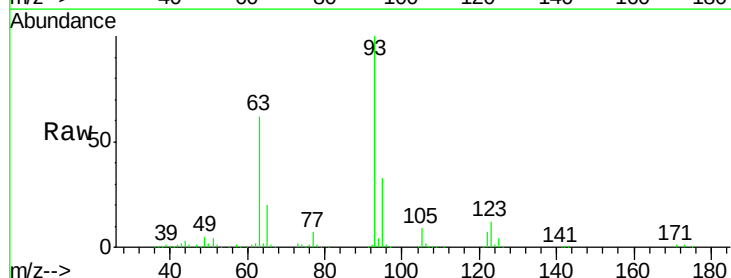
Tgt Ion: 93 Resp: 524505

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

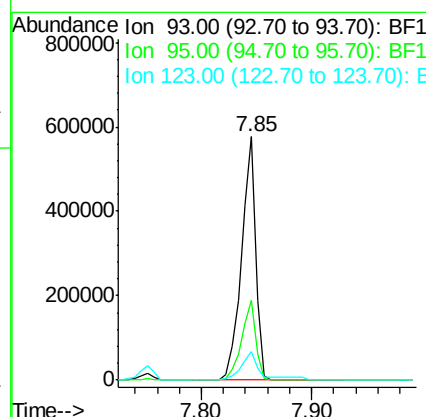
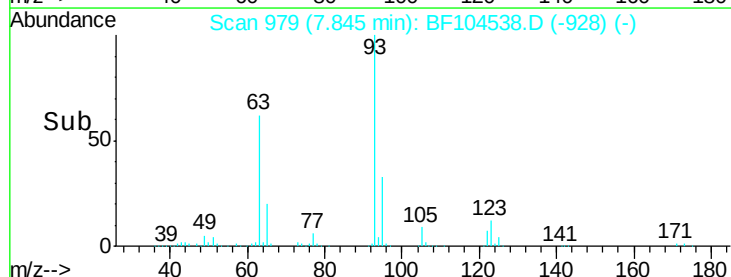
123 11.8 9.8 14.6

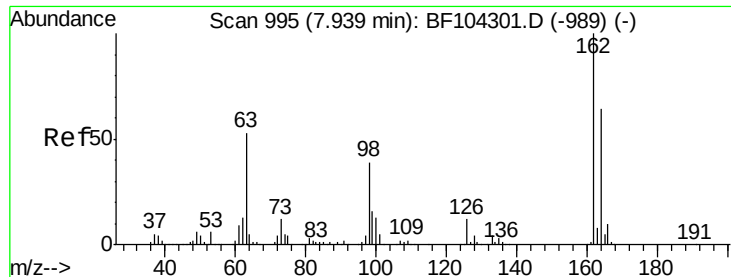


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

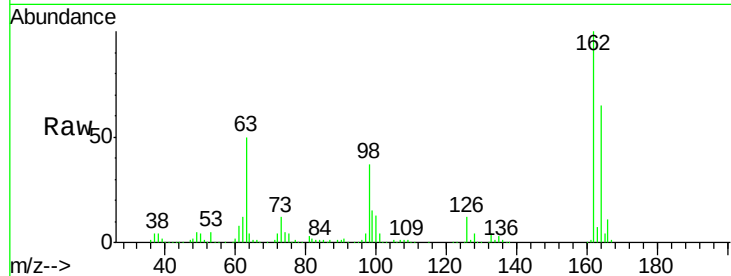




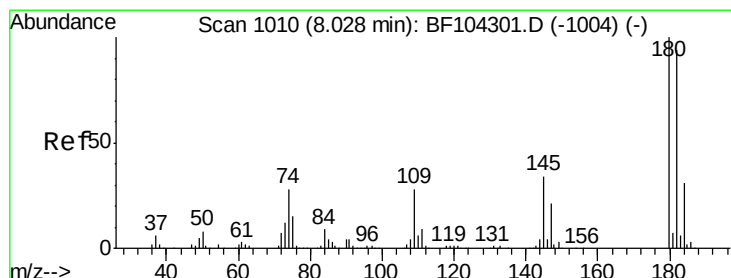
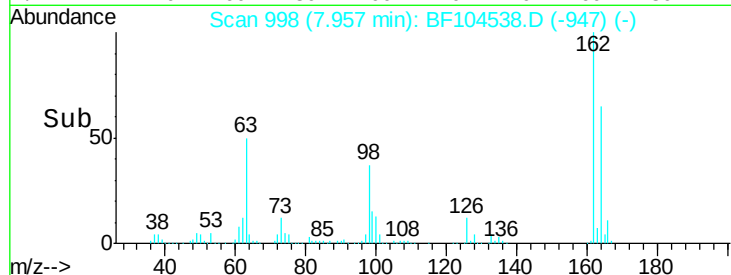
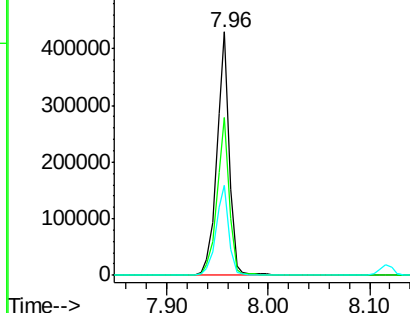
#29
 2,4-Dichlorophenol
 Concen: 43.010 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.7	82.7
98	37.2	18.1	58.1

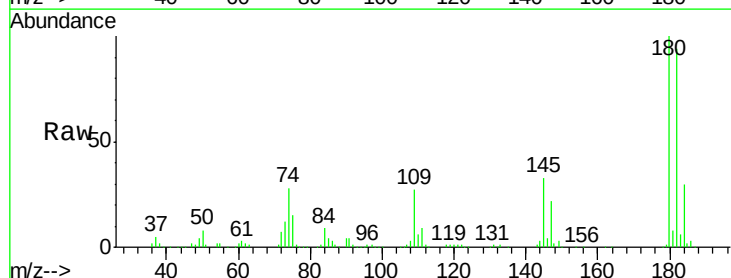


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

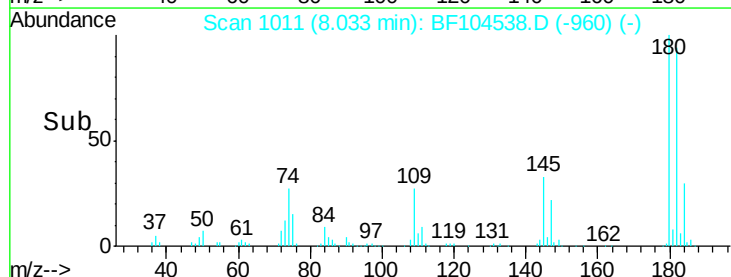
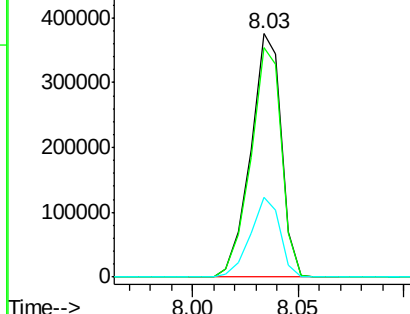


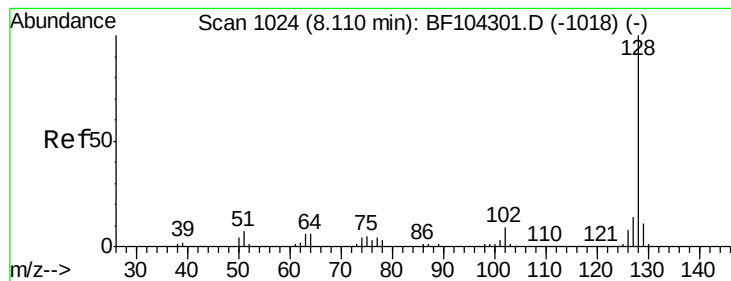
#30
 1,2,4-Trichlorobenzene
 Concen: 40.616 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.8	115.2
145	33.0	26.5	39.7



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





#31

Naphthalene

Concen: 38.031 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

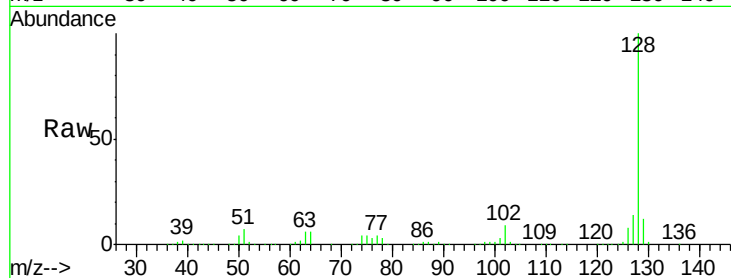
Tot Ion:128 Resp: 1180598

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

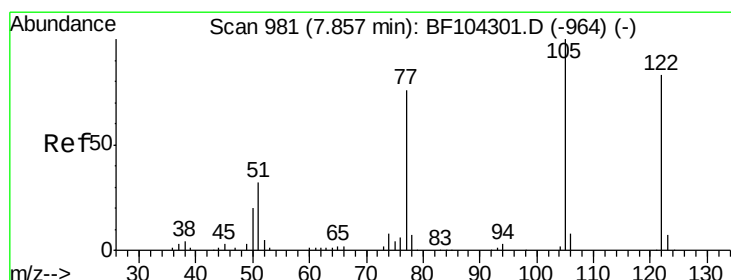
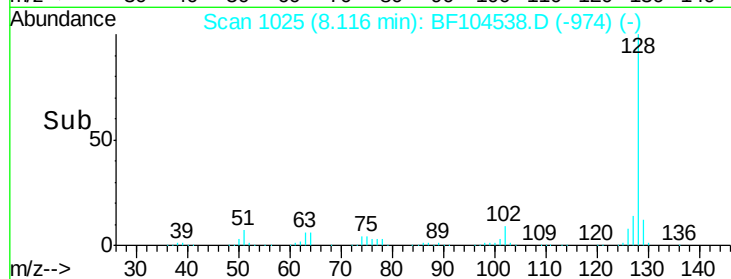
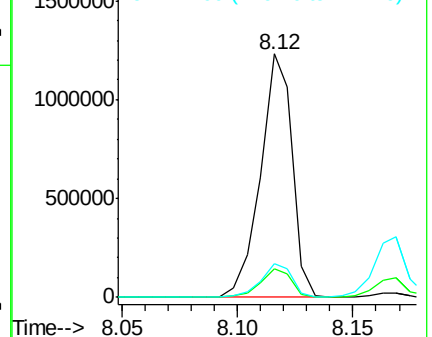
127 13.7 10.9 16.3



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: 45.912 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

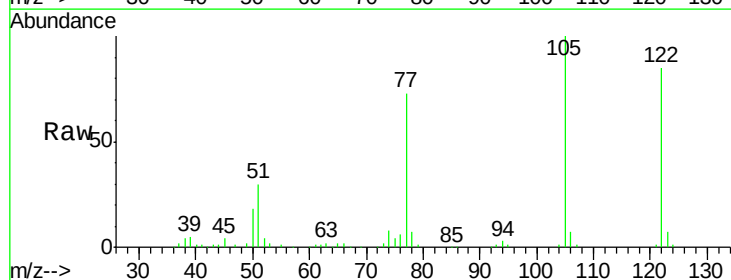
Tgt Ion:122 Resp: 326401

Ion Ratio Lower Upper

122 100

105 117.0 101.1 141.1

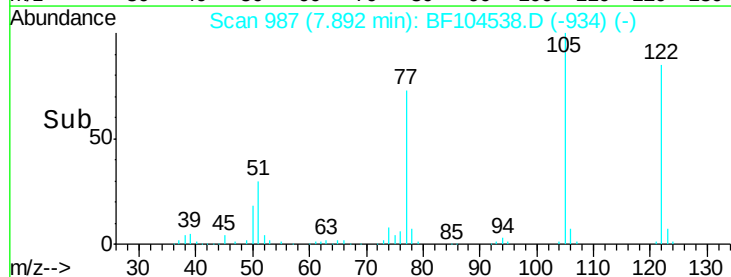
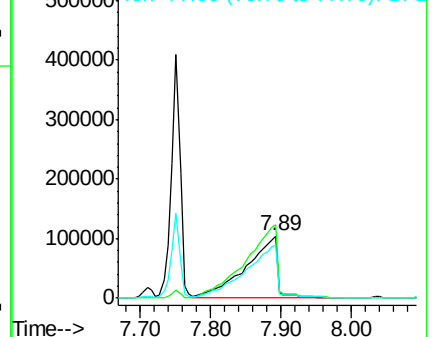
77 85.6 70.7 110.7

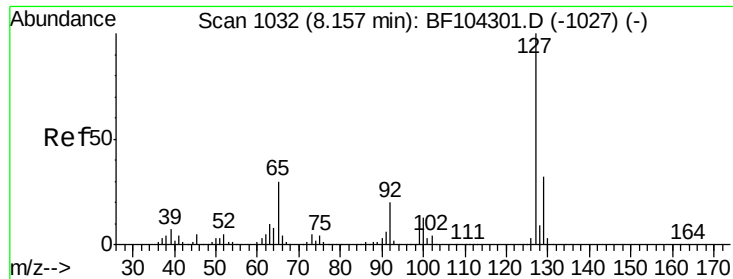


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

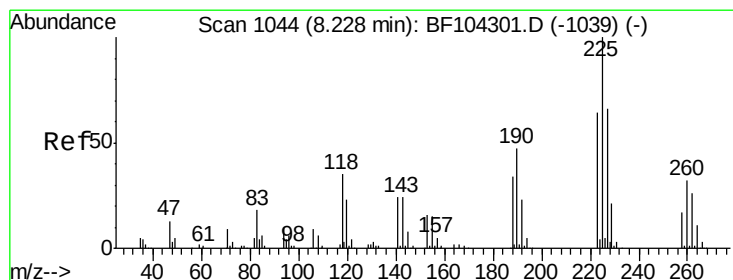
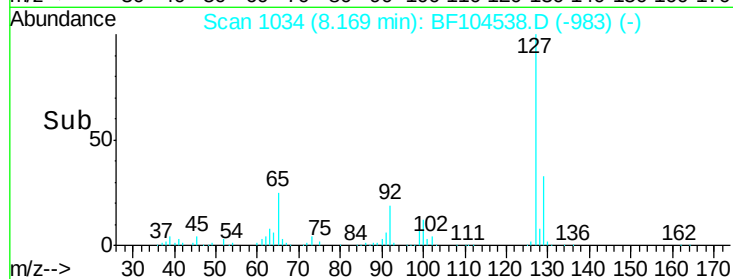
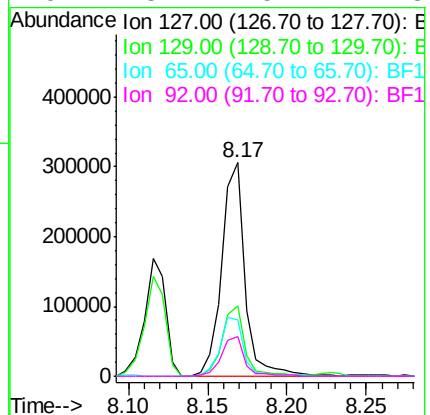
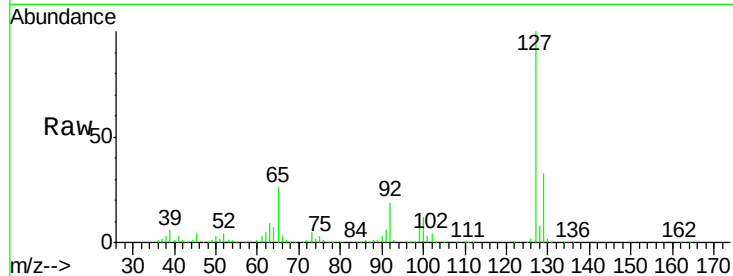




#33
4-Chloroaniline
Concen: 23.189 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

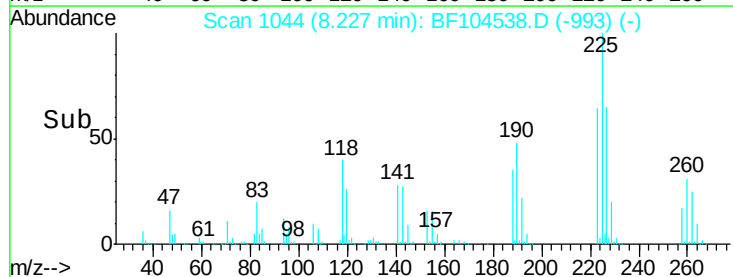
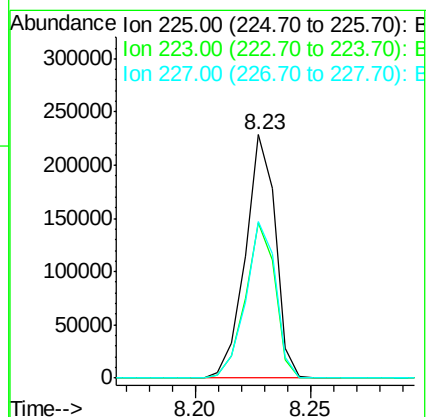
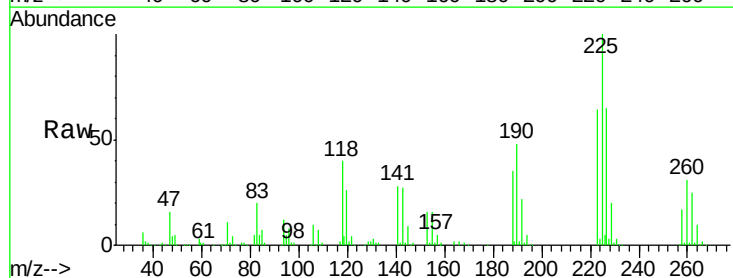
Instrument :
BNA_F
ClientSampled :

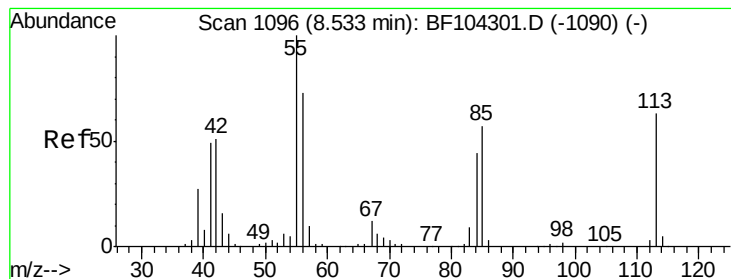
Tot Ion:	127	Resp:	308392
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	26.3	25.0	37.4
92	18.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.713 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion:	225	Resp:	208061
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.5	51.9	77.9





#35

Caprolactam

Concen: 31.293 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

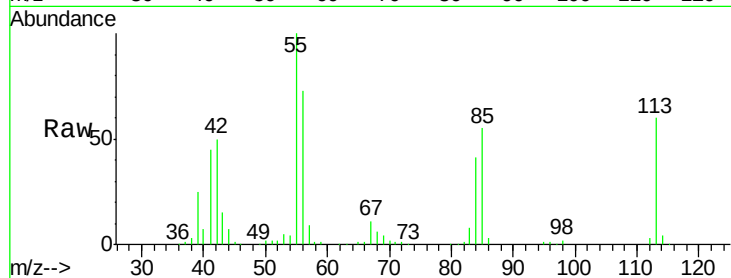
Tot Ion:113 Resp: 92809

Ion Ratio Lower Upper

113 100

55 167.8 163.3 203.3

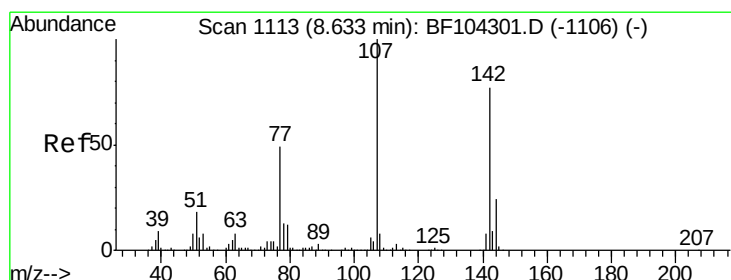
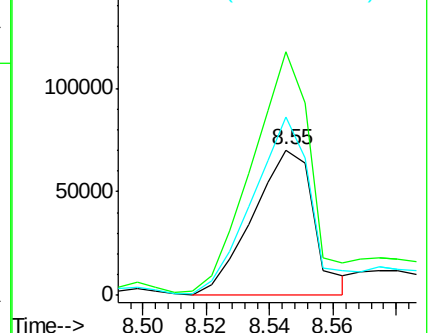
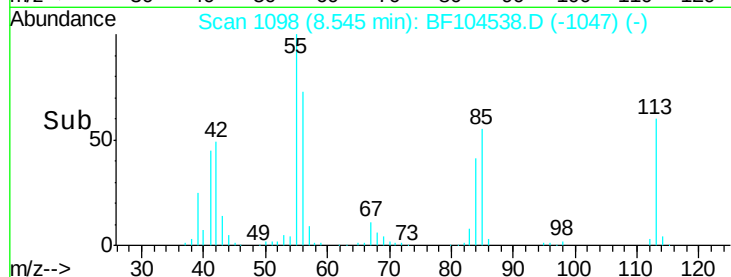
56 122.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.045 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

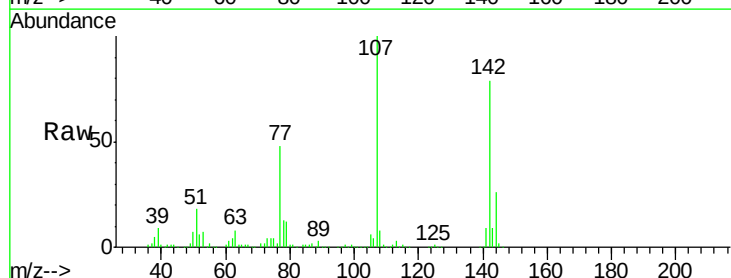
Tgt Ion:107 Resp: 401506

Ion Ratio Lower Upper

107 100

144 26.3 20.5 30.7

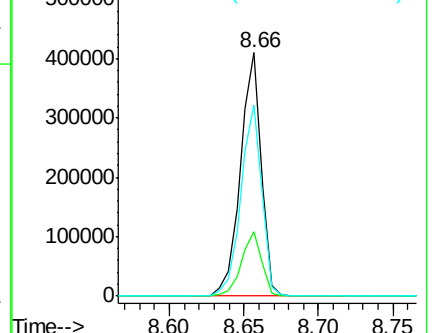
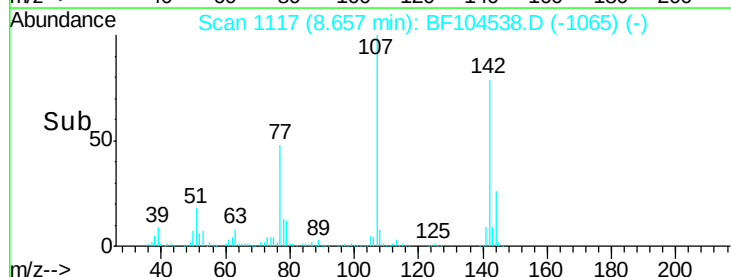
142 78.6 62.0 93.0

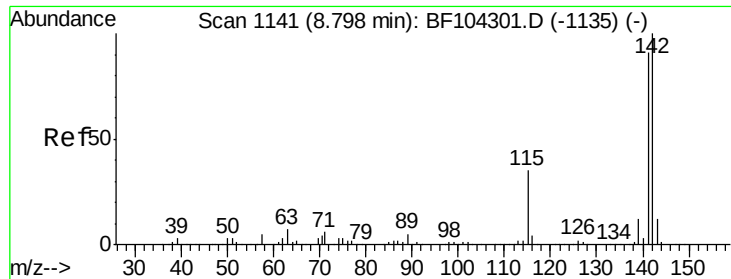


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

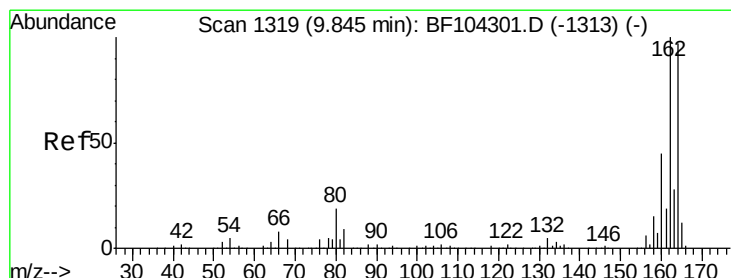
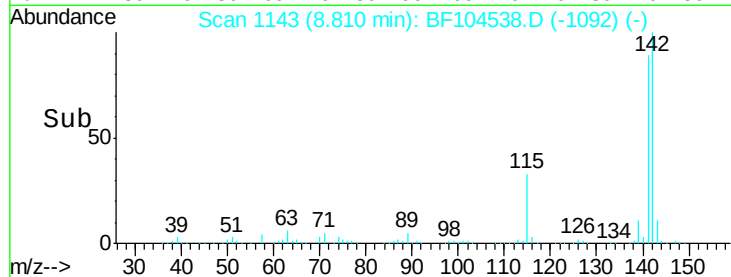
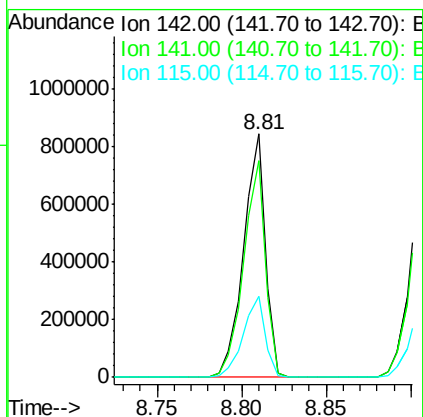
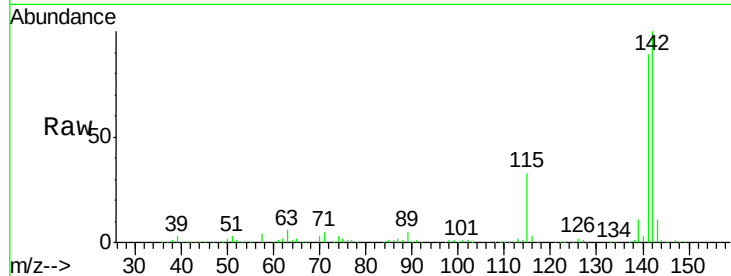




#37
 2-Methylnaphthalene
 Concen: 38.170 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

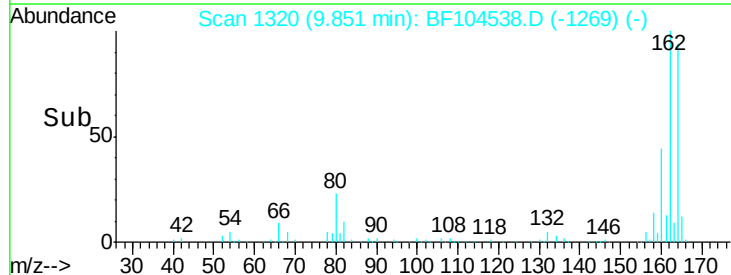
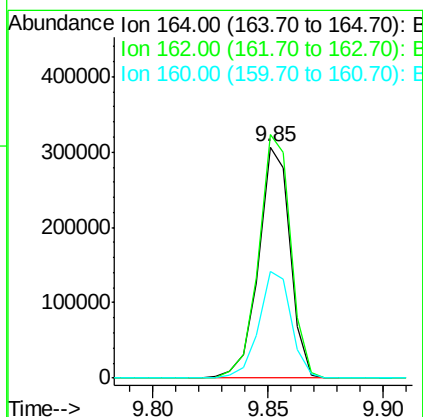
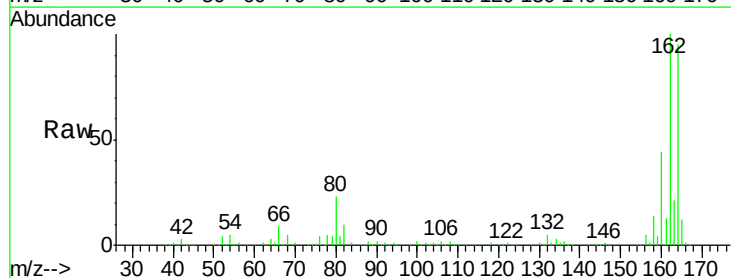
Instrument :
 BNA_F
 ClientSampled :

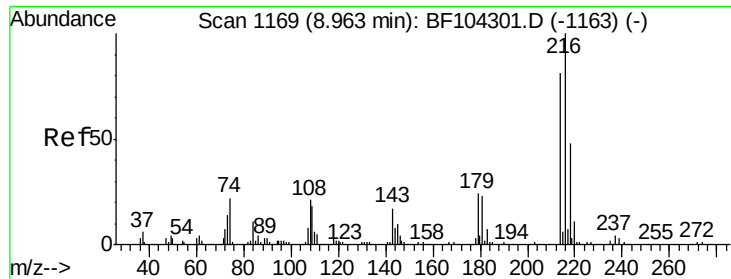
Tot Ion:142 Resp: 766461
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.8 106.2
 115 33.4 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:164 Resp: 291847
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 46.3 38.3 57.5

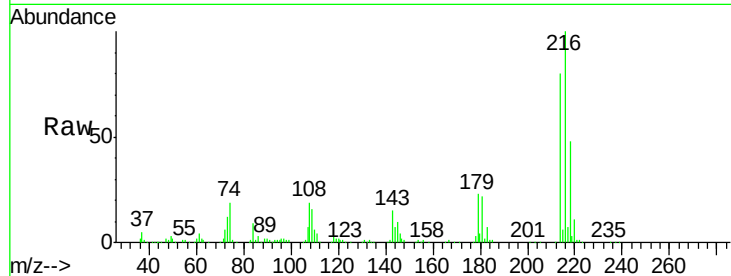




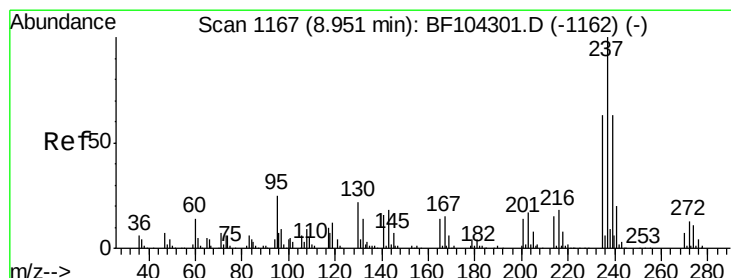
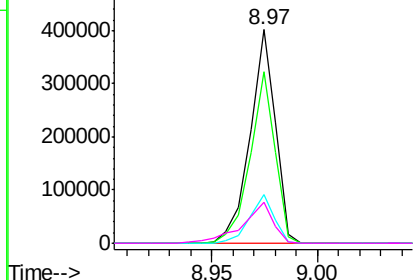
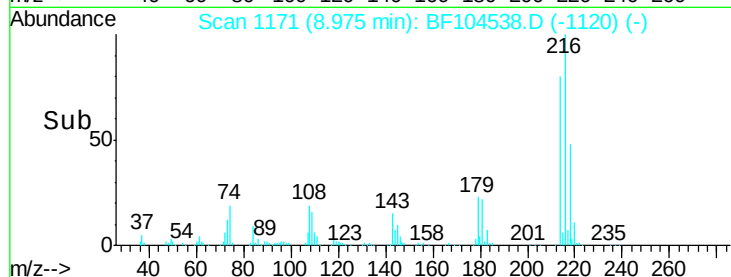
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.179 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	335667
Ion Ratio	Lower	Upper
216	100	
214	78.9	63.0 94.4
179	22.4	18.1 27.1
108	23.2	17.2 25.8

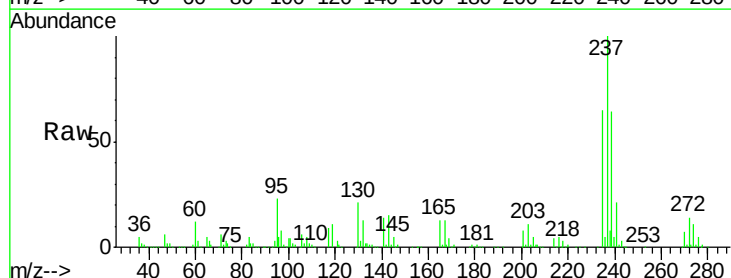


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

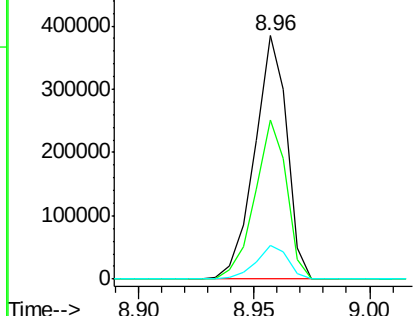
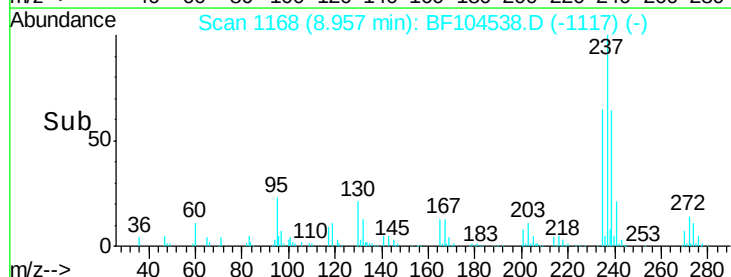


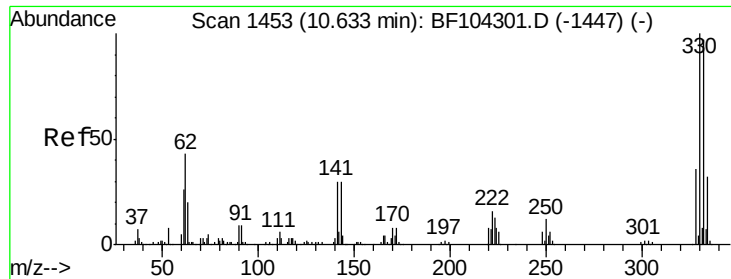
#40
 Hexachlorocyclopentadiene
 Concen: 80.119 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:237	Resp:	374720
Ion Ratio	Lower	Upper
237	100	
235	65.3	44.8 84.8
272	13.7	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

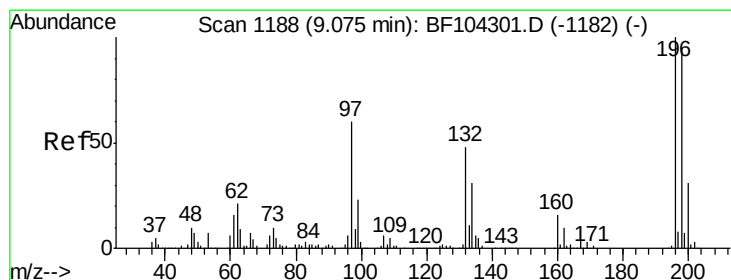
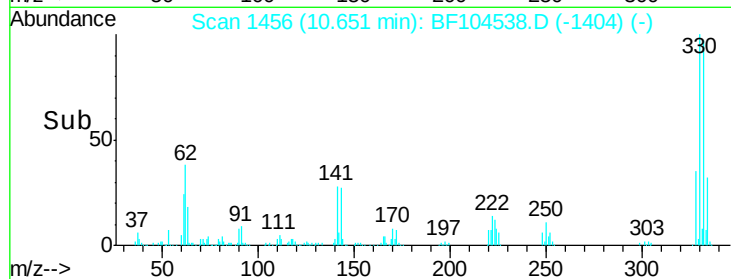
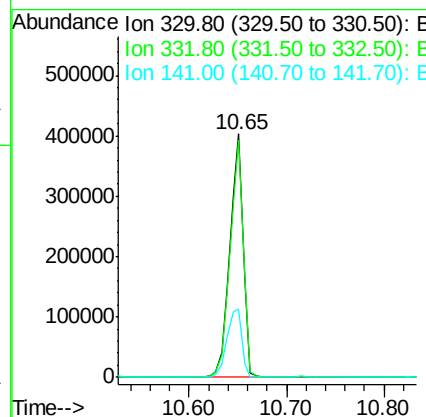
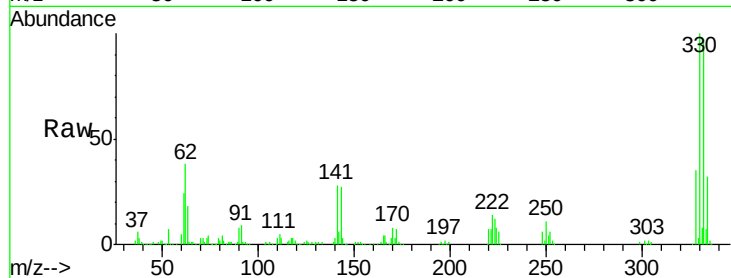




#41
 2,4,6-Tribromophenol
 Concen: 125.862 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

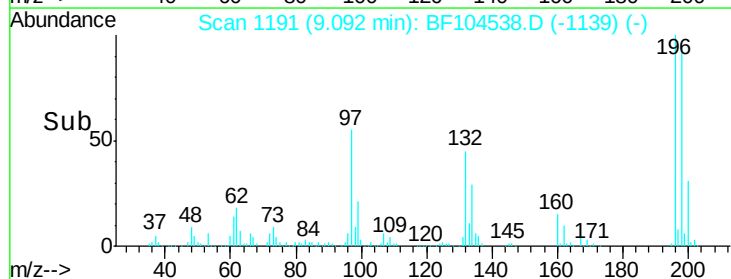
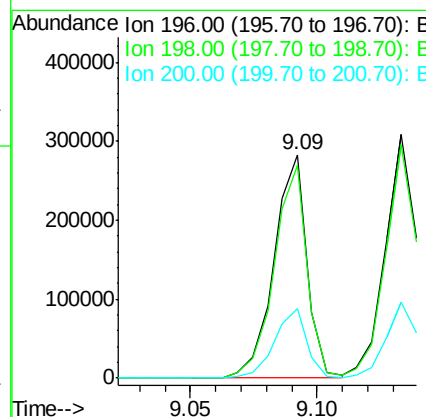
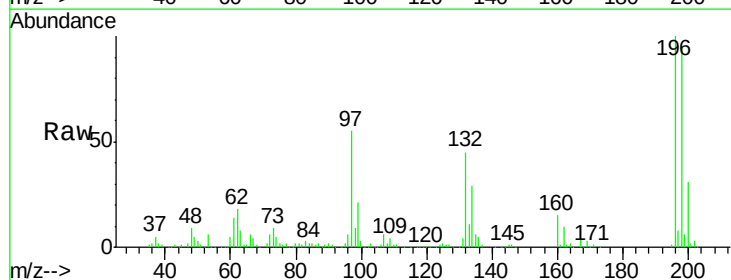
Instrument :
 BNA_F
 ClientSampled :

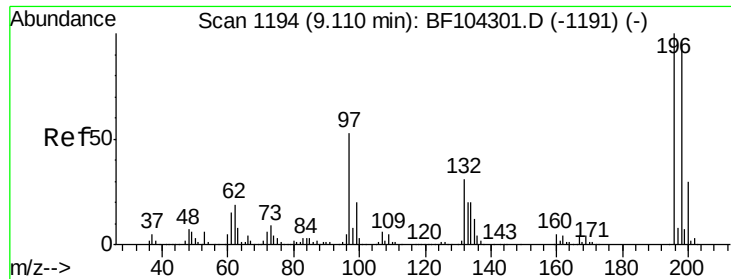
Tot Ion	330	Resp	381036
Ion Ratio	100	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	31.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.700 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion	196	Resp	259233
Ion Ratio	100	Lower	Upper
196	100		
198	95.5	75.7	113.5
200	31.1	24.5	36.7

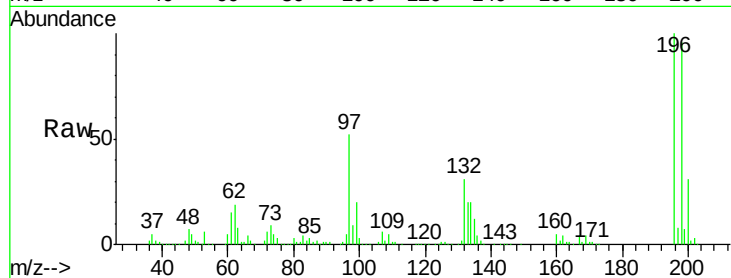




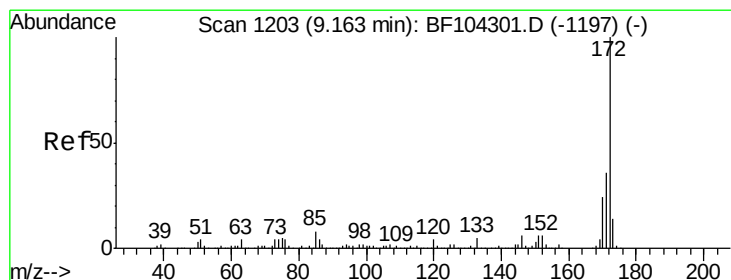
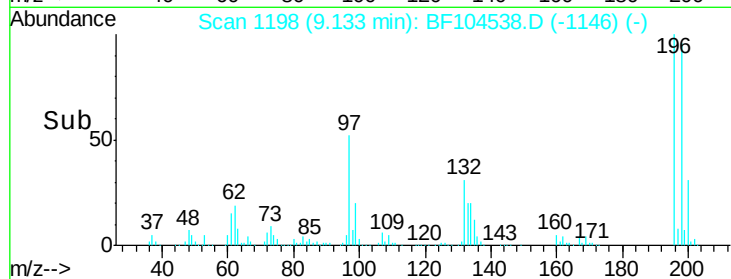
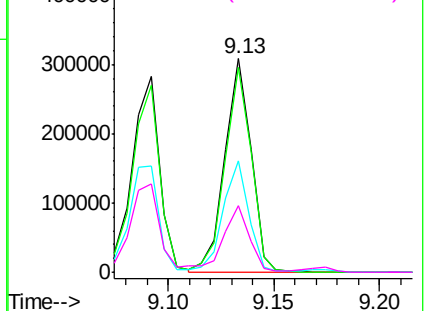
#43
 2,4,5-Trichlorophenol
 Concen: 40.718 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 264253
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.6 112.0
 97 52.3 42.9 64.3
 132 31.0 26.3 39.5

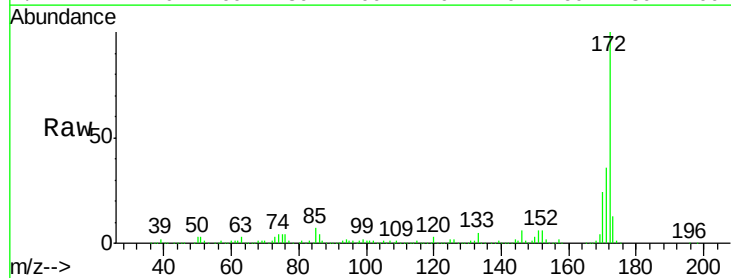


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

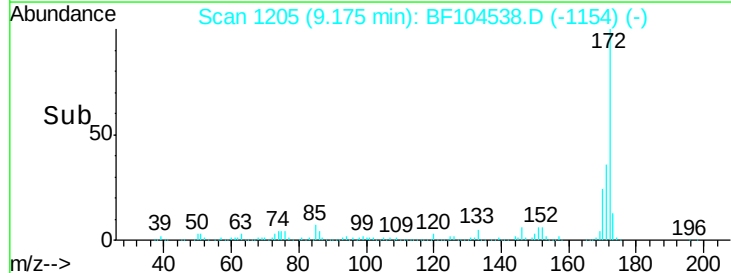
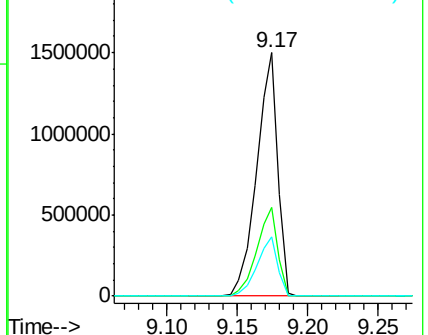


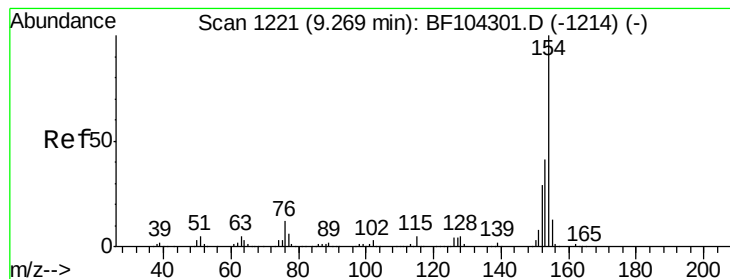
#44
 2-Fluorobiphenyl
 Concen: 85.003 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:172 Resp: 1570374
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.4 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: 39.264 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

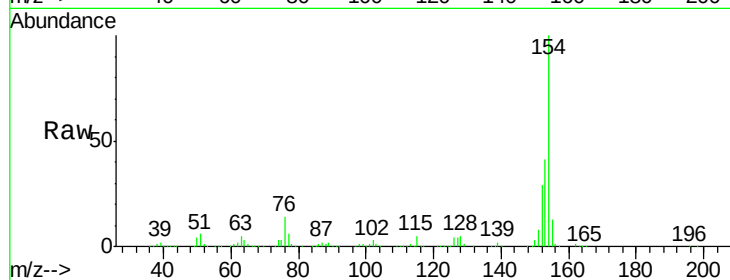
Tot Ion:154 Resp: 962640

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

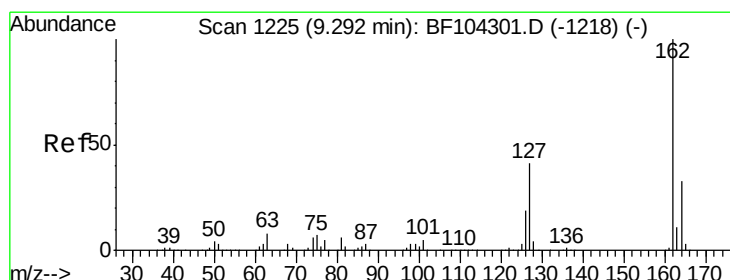
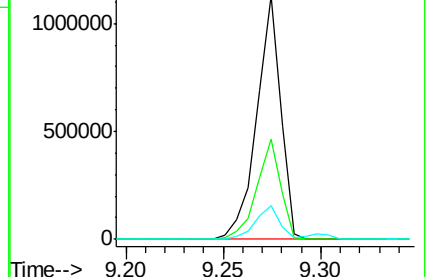
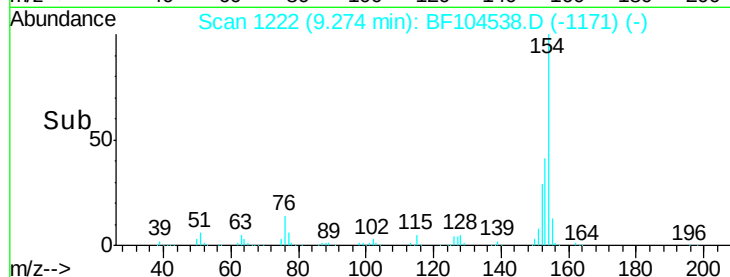
76 13.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 40.676 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

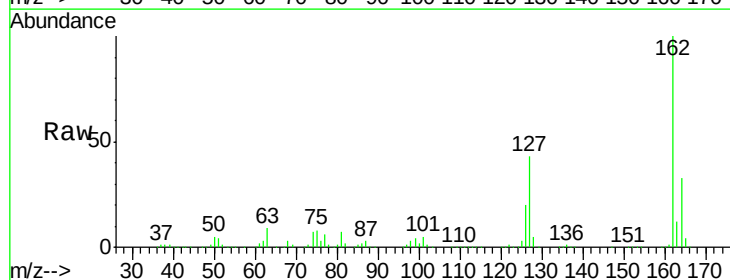
Tgt Ion:162 Resp: 787708

Ion Ratio Lower Upper

162 100

127 42.5 33.9 50.9

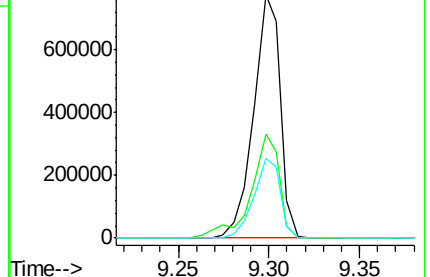
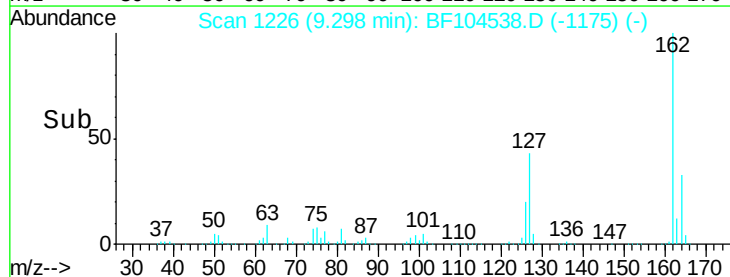
164 32.9 26.5 39.7

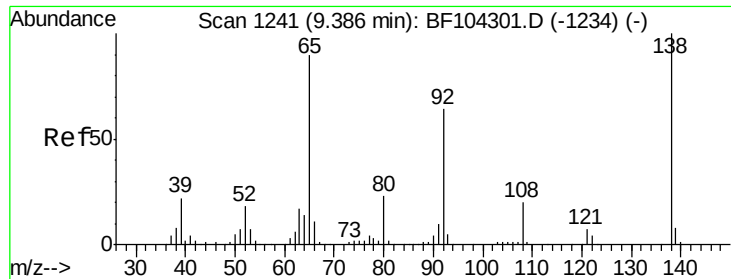


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

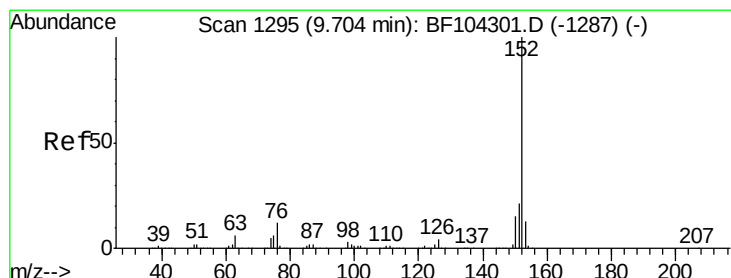
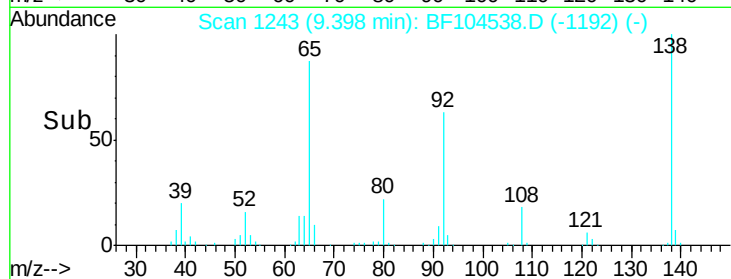
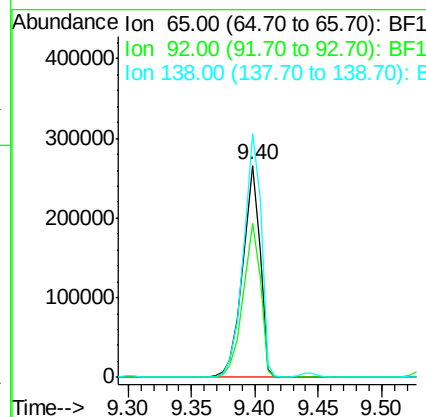
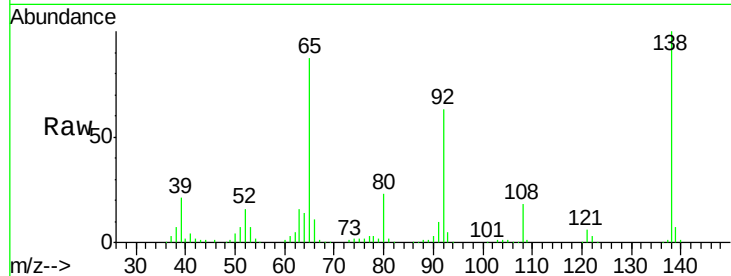




#47
 2-Nitroaniline
 Concen: 52.365 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

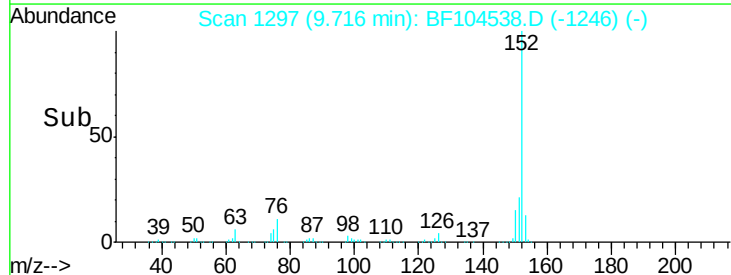
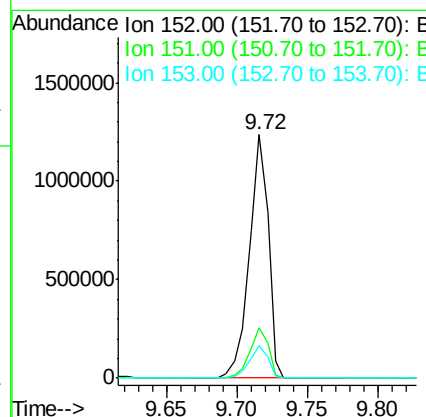
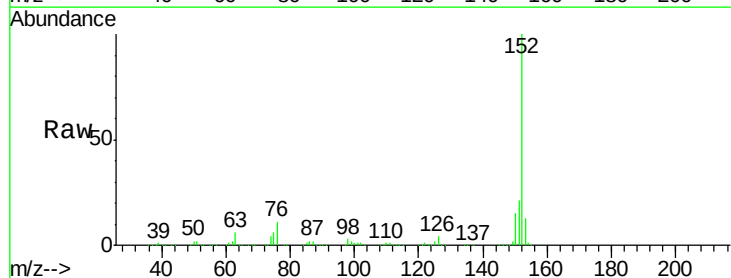
Instrument :
 BNA_F
 ClientSampleId :

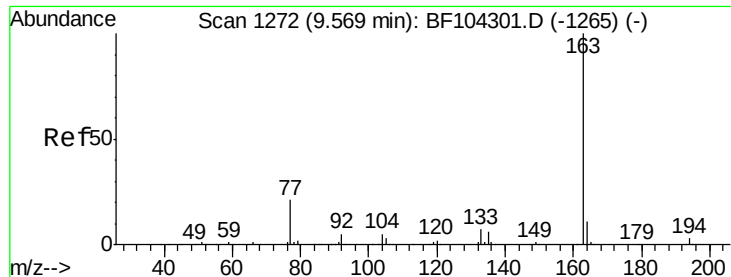
Tot Ion: 65 Resp: 250782
 Ion Ratio Lower Upper
 65 100
 92 72.8 55.8 83.6
 138 114.7 91.2 136.8



#48
 Acenaphthylene
 Concen: 38.147 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion: 152 Resp: 1159056
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.3 24.5
 153 13.4 10.7 16.1

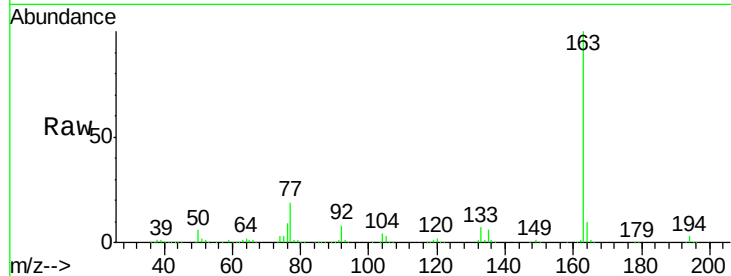




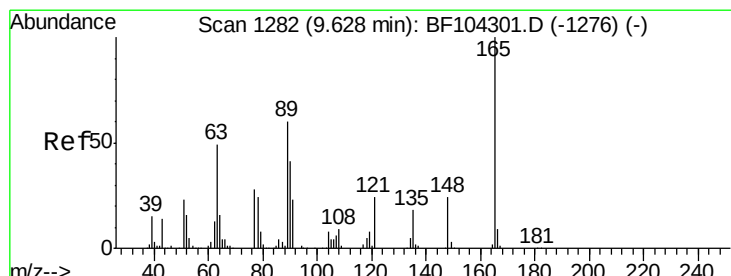
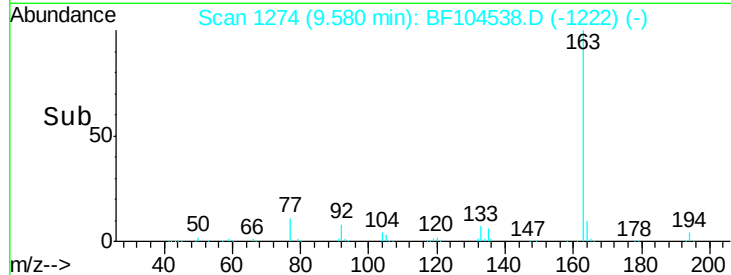
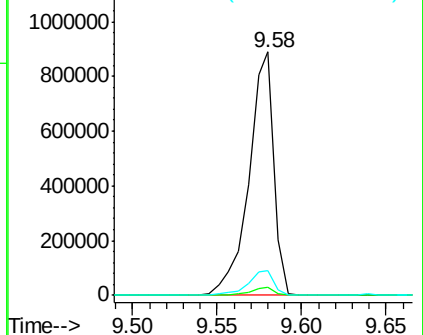
#49
Dimethylphthalate
Concen: 39.918 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 918693
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.1 8.2 12.2

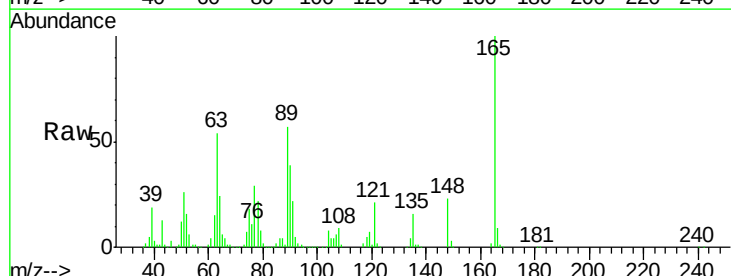


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

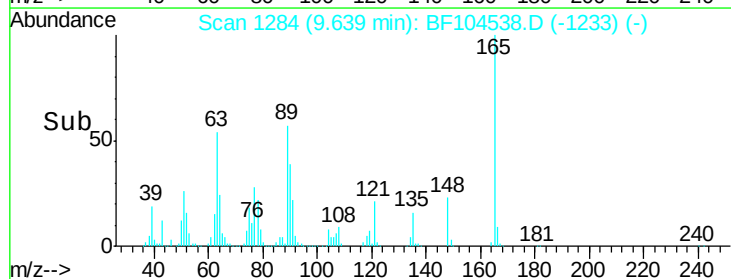
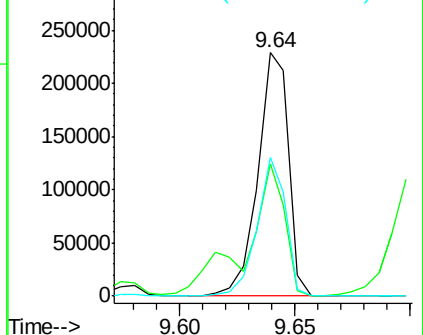


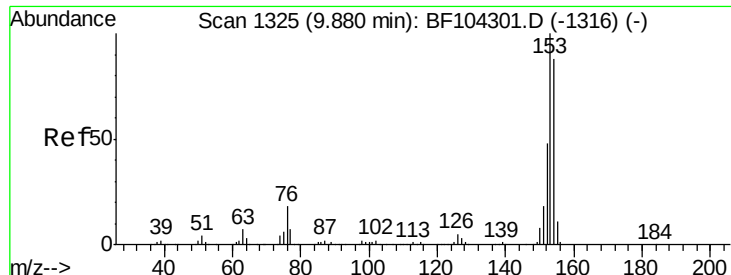
#50
2,6-Dinitrotoluene
Concen: 49.776 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion:165 Resp: 211973
Ion Ratio Lower Upper
165 100
63 54.5 44.7 67.1
89 57.0 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: 36.048 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

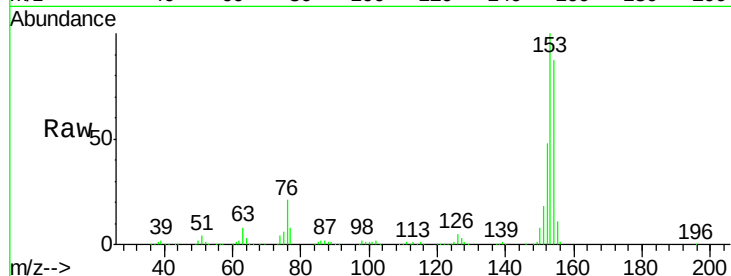
Tot Ion:154 Resp: 668261

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

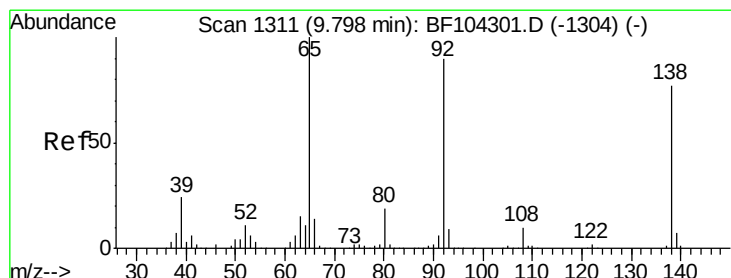
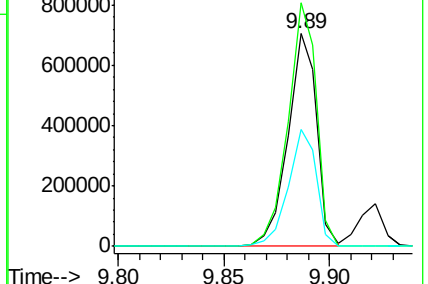
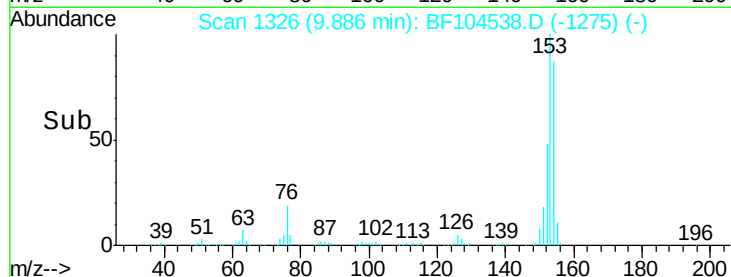
152 54.7 43.8 65.8



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: 35.333 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

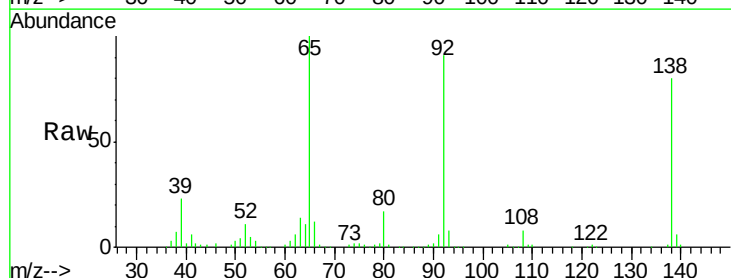
Tgt Ion:138 Resp: 176154

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

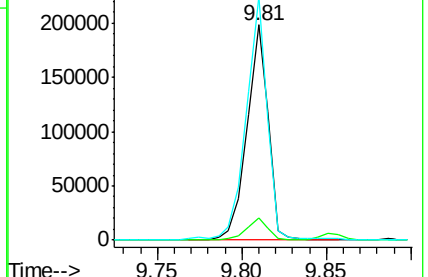
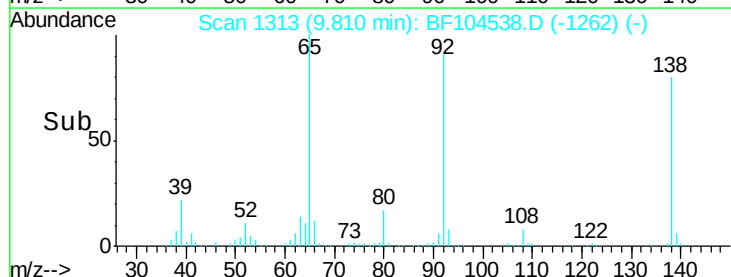
92 113.0 89.4 134.2

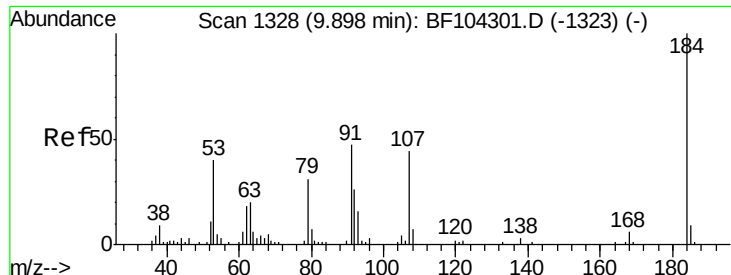


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

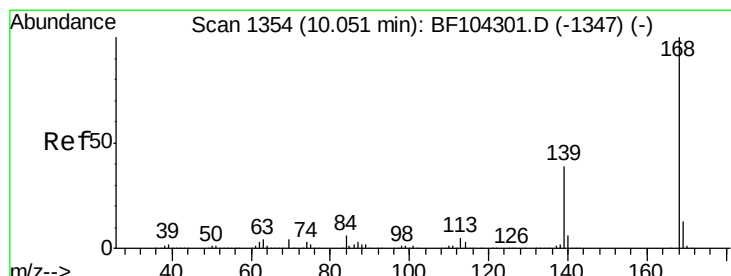
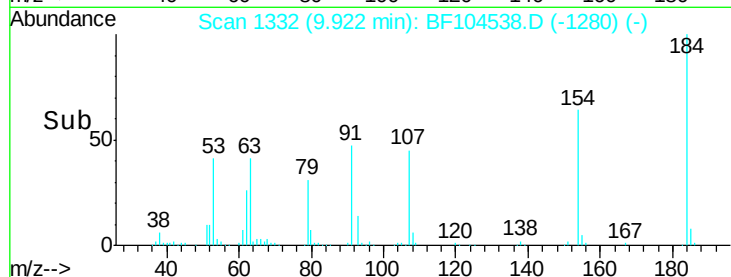
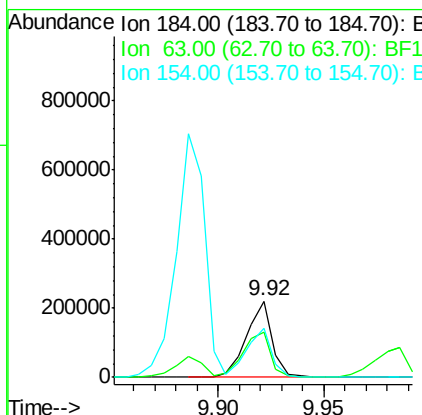
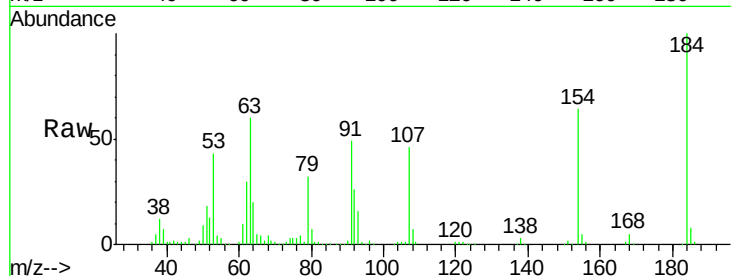




#53
 2,4-Dinitrophenol
 Concen: 96.183 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

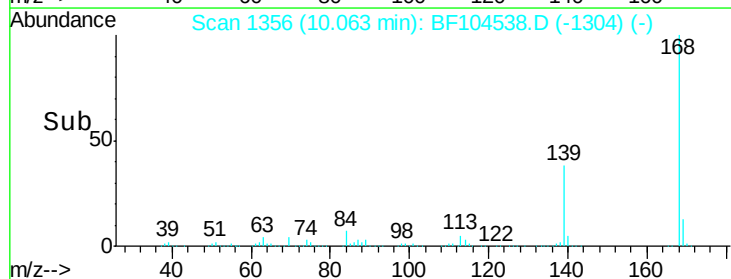
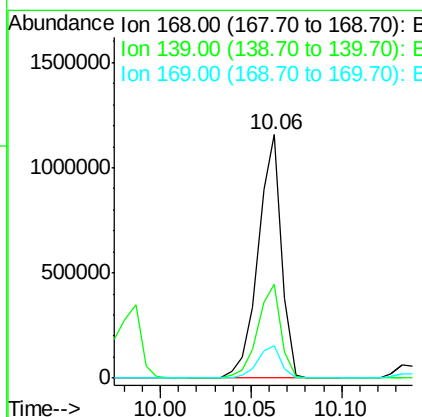
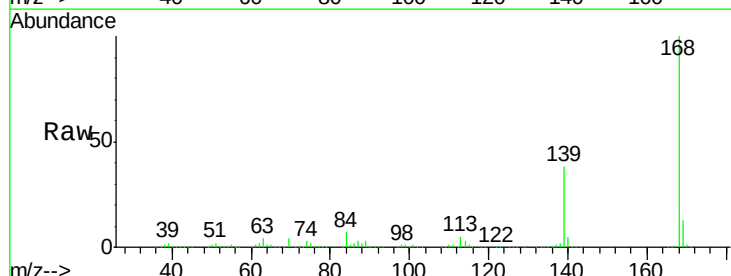
Instrument :
 BNA_F
 ClientSampled :

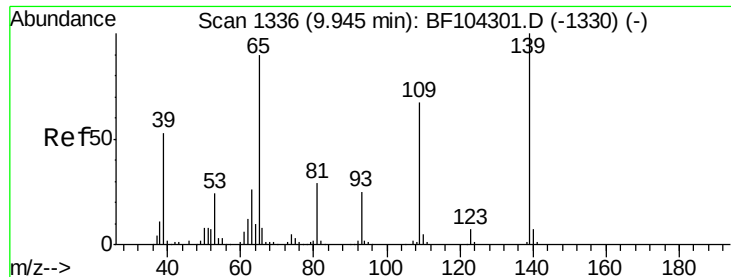
Tot Ion:184 Resp: 185799
 Ion Ratio Lower Upper
 184 100
 63 59.8 54.2 81.2
 154 64.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 39.888 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:168 Resp: 1030495
 Ion Ratio Lower Upper
 168 100
 139 38.4 30.1 45.1
 169 13.4 10.9 16.3

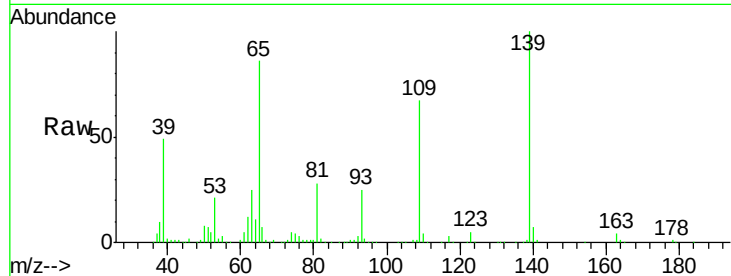




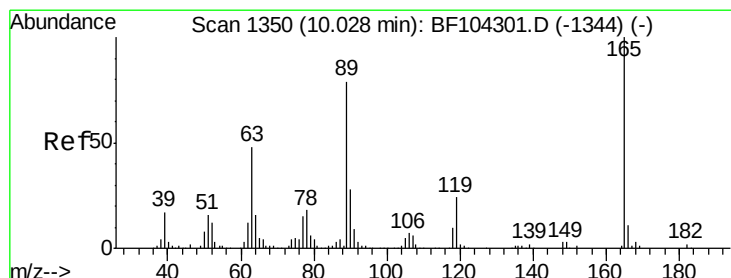
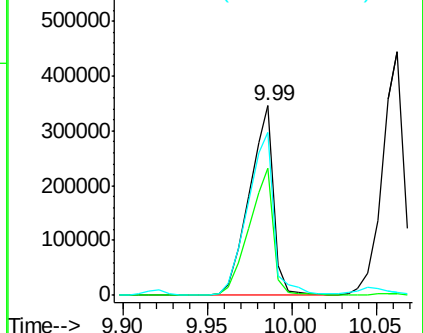
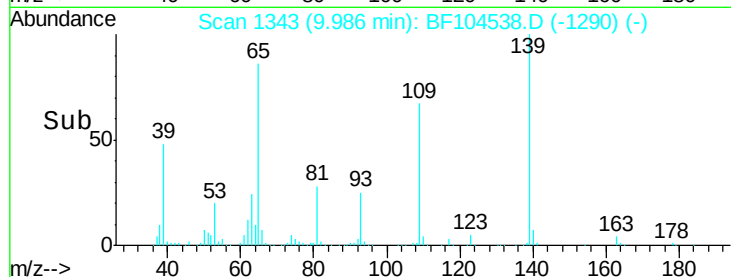
#55
4-Nitrophenol
Concen: 89.249 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 349524
Ion Ratio Lower Upper
139 100
109 66.8 48.4 88.4
65 85.6 72.6 112.6

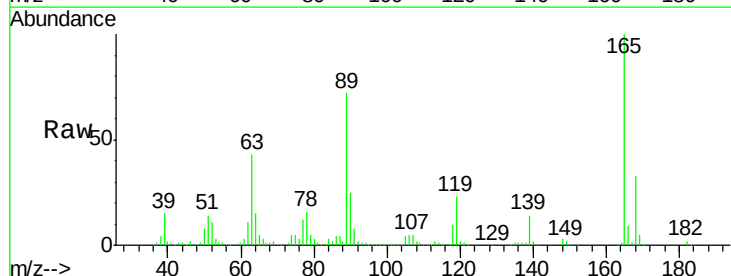


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

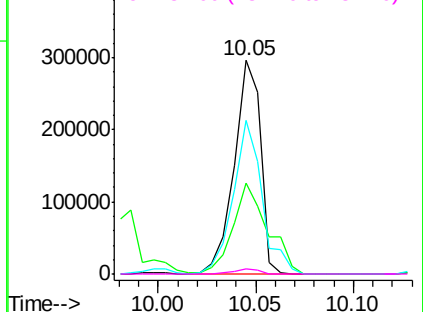
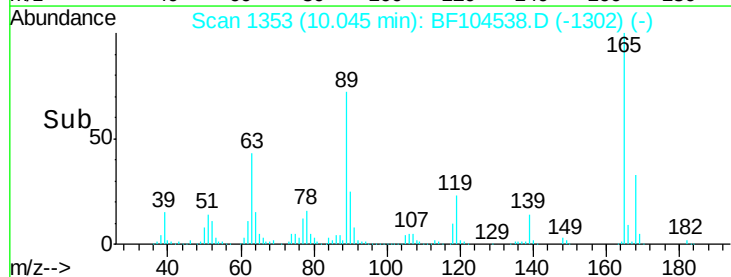


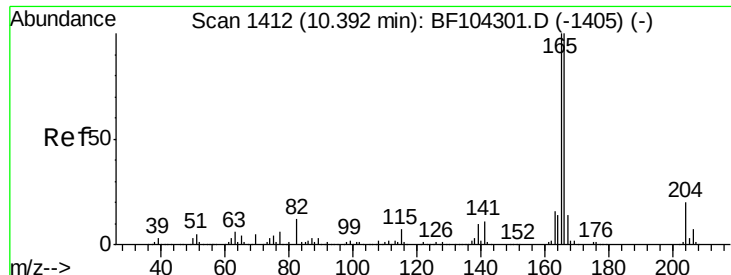
#56
2,4-Dinitrotoluene
Concen: 49.674 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion:165 Resp: 277479
Ion Ratio Lower Upper
165 100
63 42.6 36.4 54.6
89 72.2 57.8 86.6
182 2.4 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

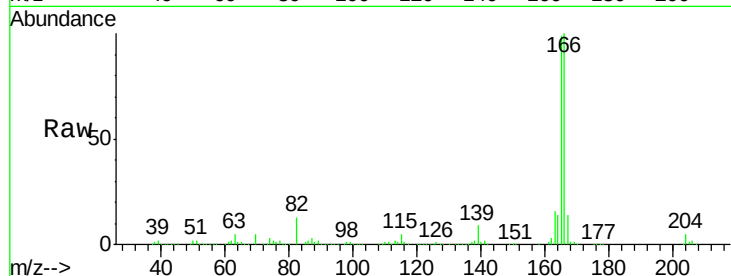




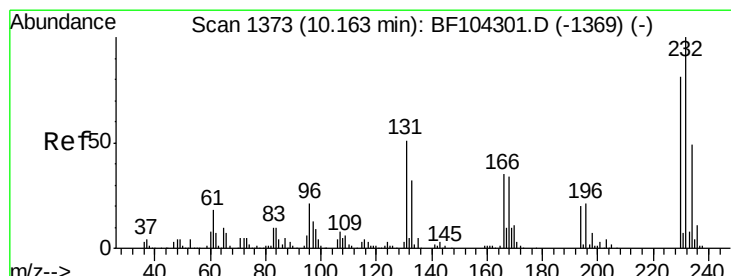
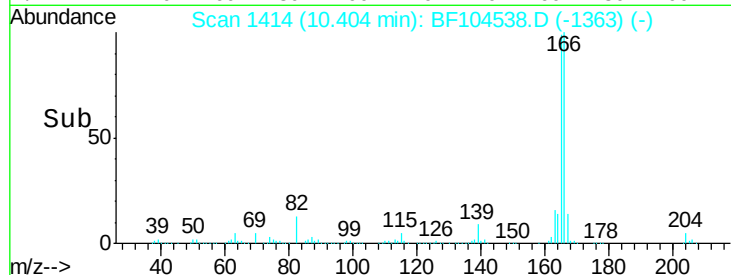
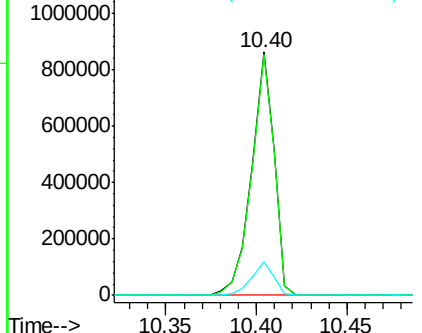
#57
 Fluorene
 Concen: 39.453 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.8	119.8
167	13.7	10.6	16.0



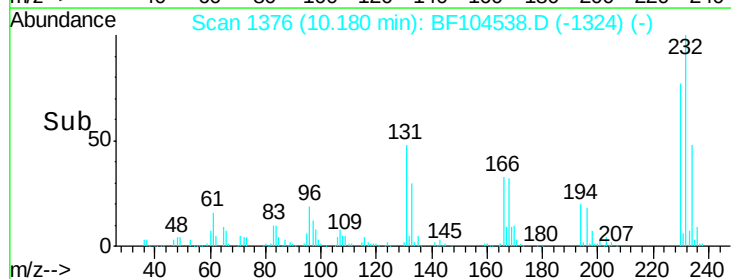
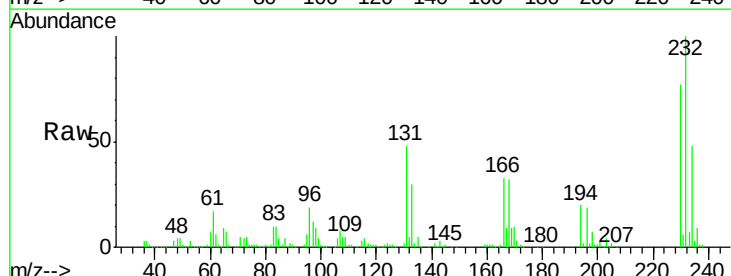
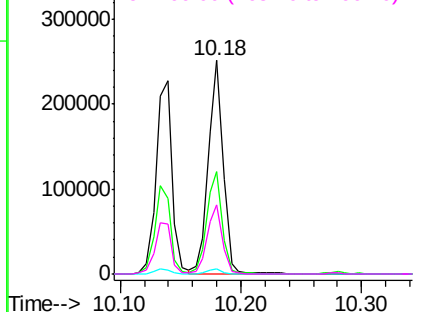
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

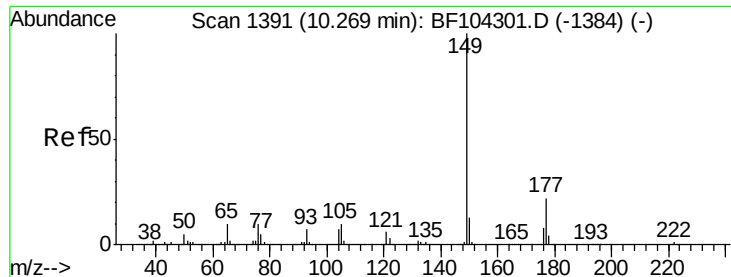


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.858 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.9	43.8	65.8
130	2.4	2.1	3.1
166	33.5	27.8	41.6

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

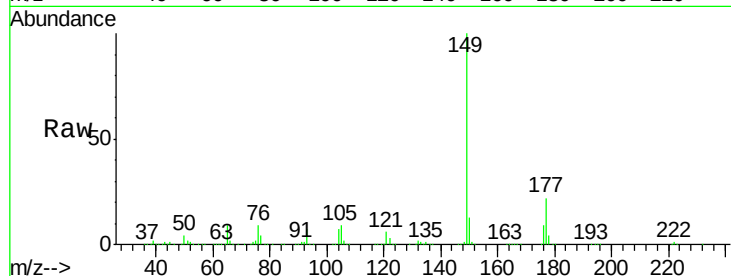




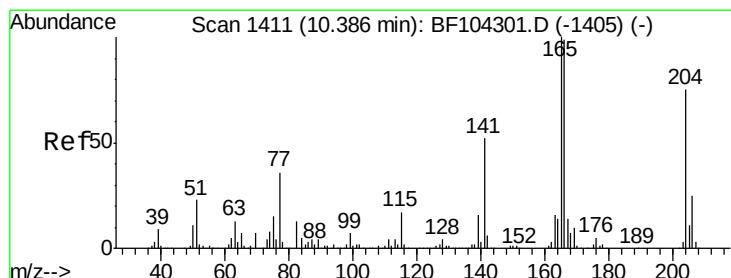
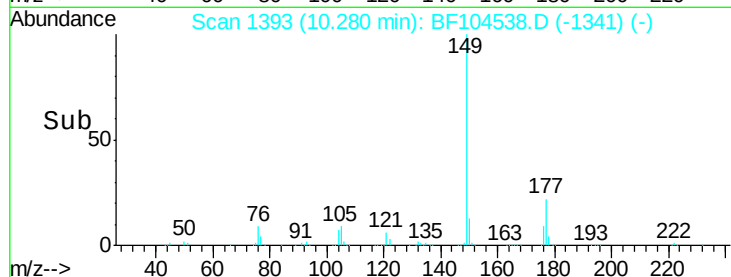
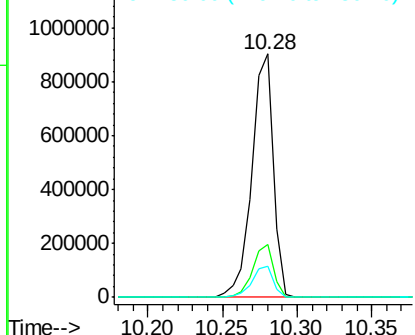
#59
Diethylphthalate
Concen: 38.825 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 889889
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.6 10.1 15.1

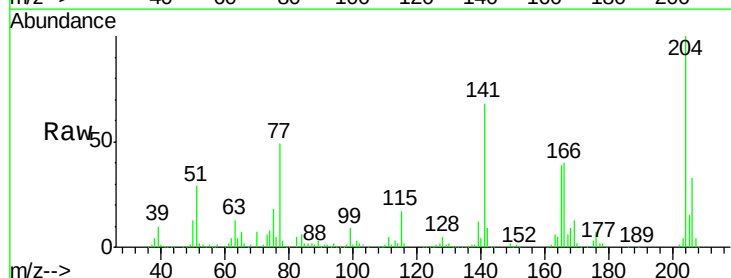


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

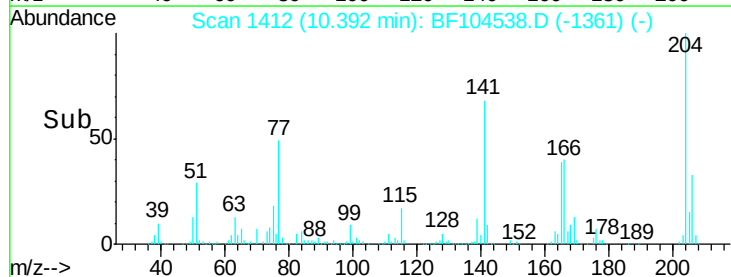
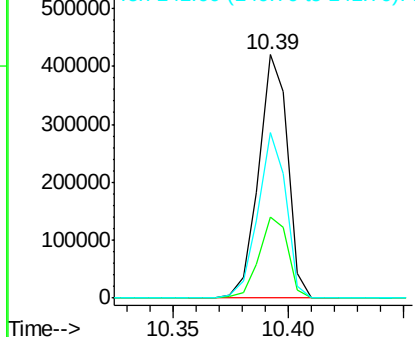


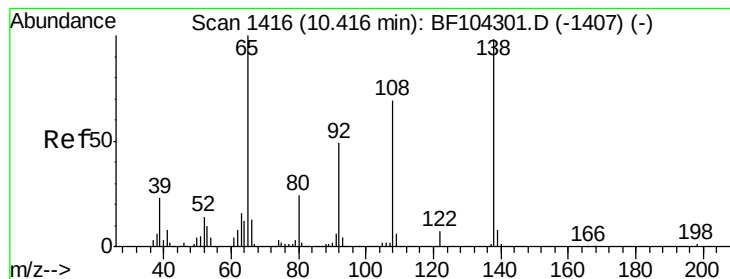
#60
4-Chlorophenyl-phenylether
Concen: 44.024 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion:204 Resp: 368686
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 68.2 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.264 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

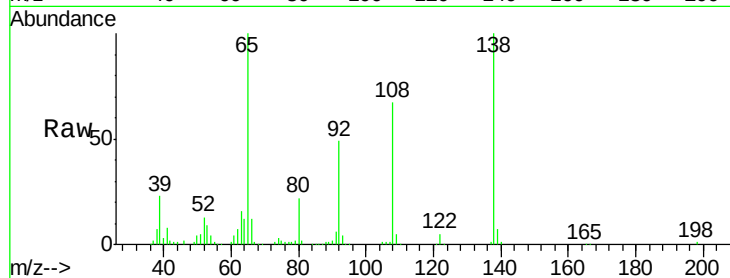
Tot Ion:138 Resp: 235272

Ion Ratio Lower Upper

138 100

92 48.8 30.2 70.2

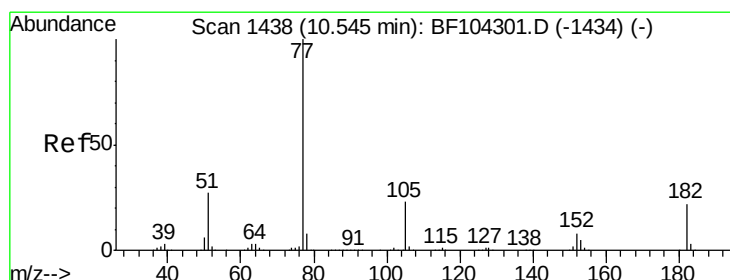
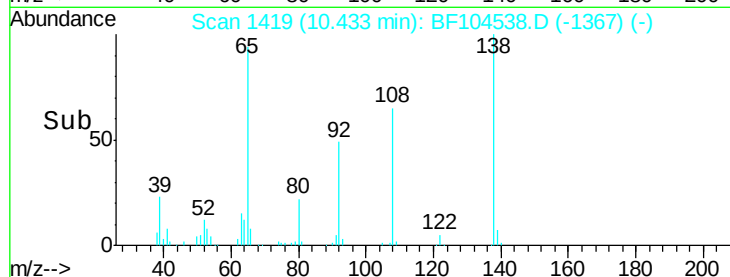
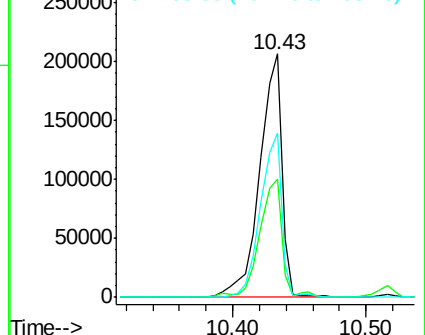
108 67.4 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.300 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion: 77 Resp: 882492

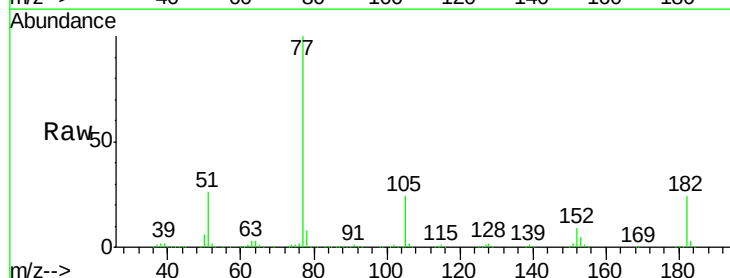
Ion Ratio Lower Upper

77 100

182 24.4 1.7 41.7

105 23.6 3.0 43.0

51 25.8 9.9 49.9

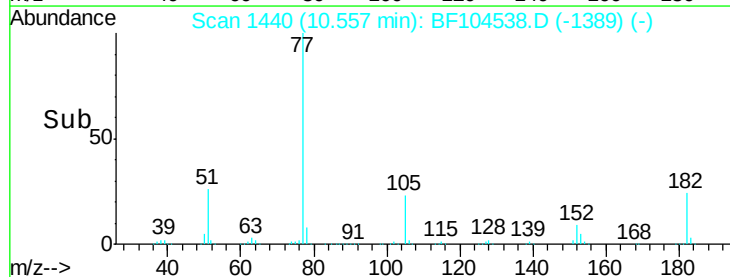
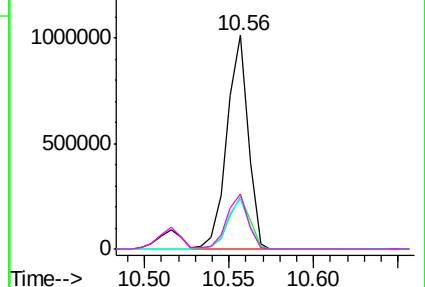


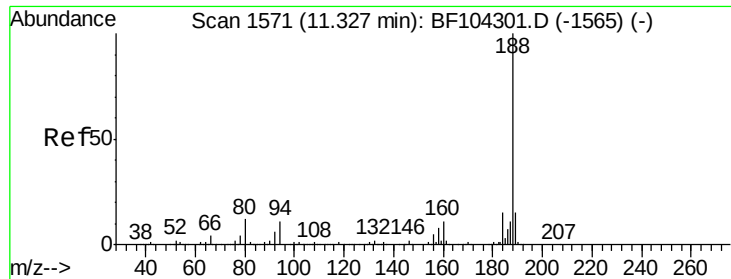
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

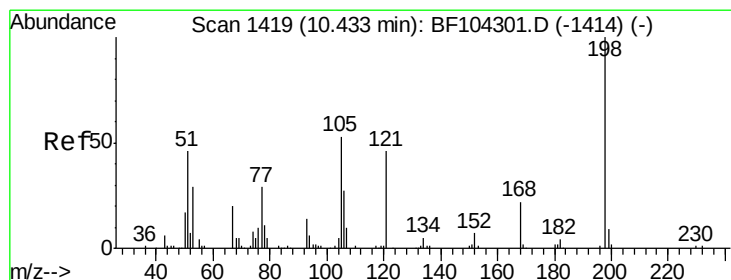
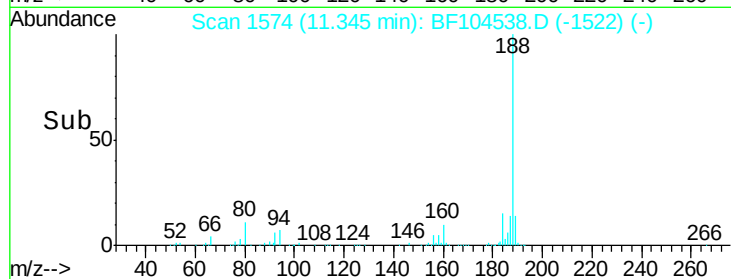
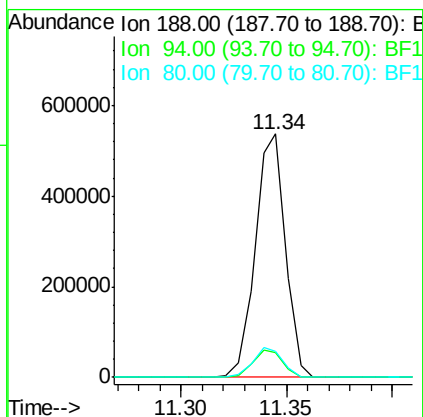
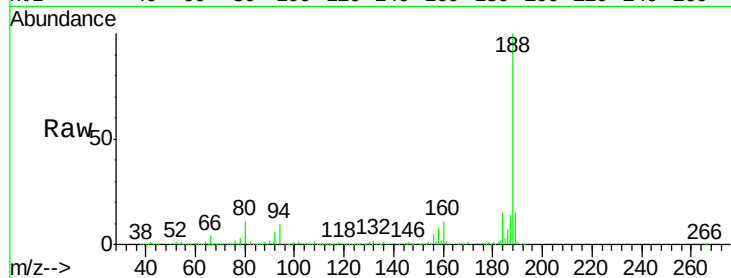




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

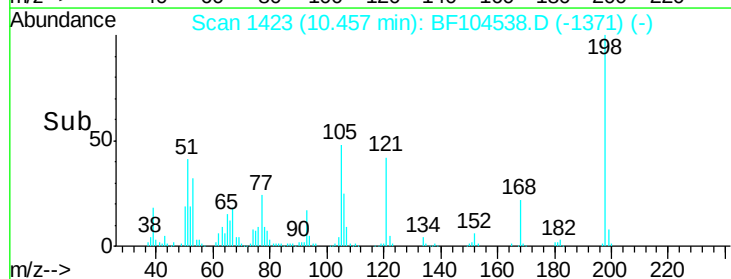
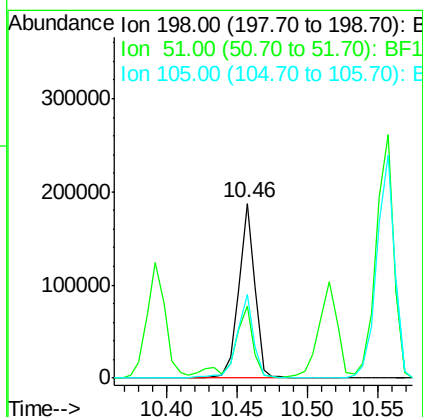
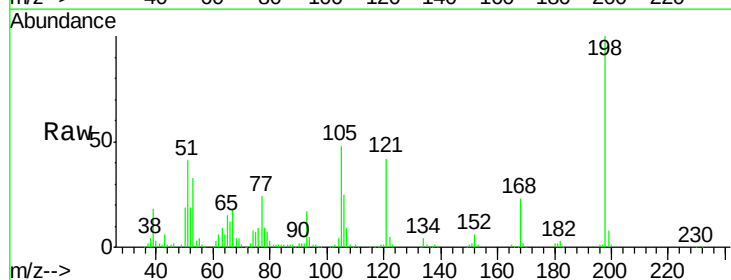
Instrument :
 BNA_F
 ClientSampleId :

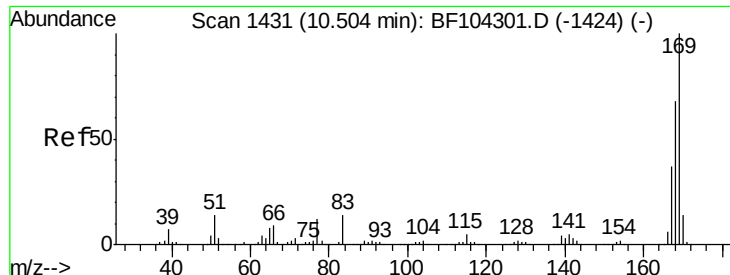
Tot Ion:188 Resp: 531017
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 11.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 56.049 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:198 Resp: 148715
 Ion Ratio Lower Upper
 198 100
 51 41.1 37.7 77.7
 105 47.7 36.3 76.3

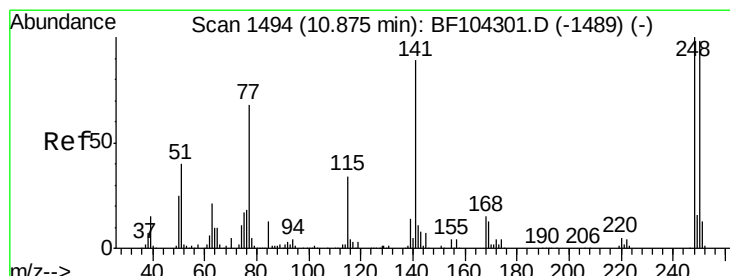
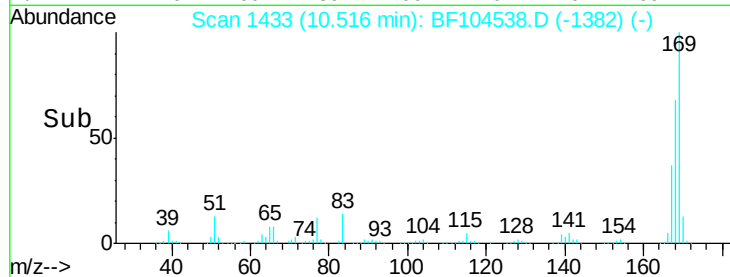
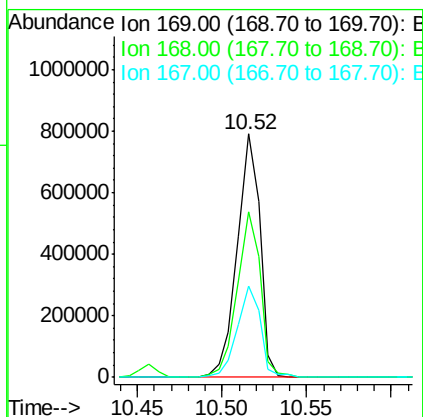
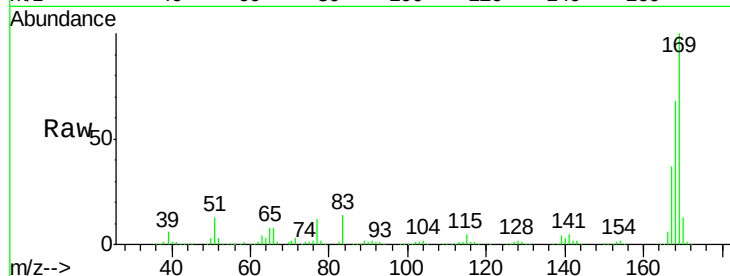




#65
 n-Nitrosodiphenylamine
 Concen: 40.372 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

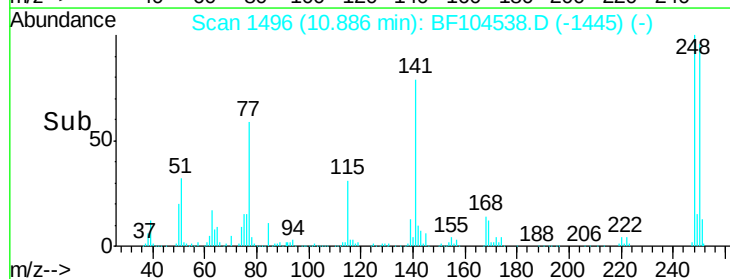
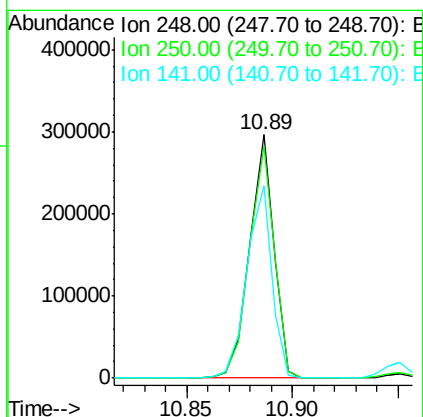
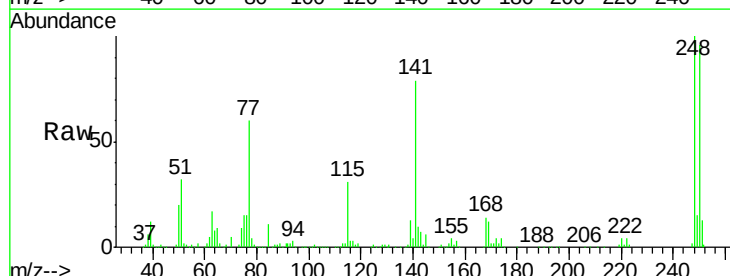
Instrument :
 BNA_F
 ClientSampled :

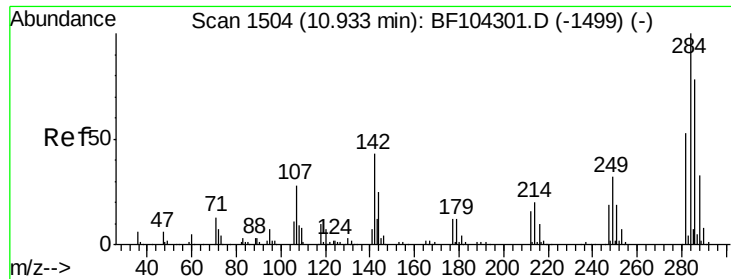
Tot Ion:169 Resp: 743317
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.4 81.6
 167 37.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.457 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:248 Resp: 239808
 Ion Ratio Lower Upper
 248 100
 250 95.6 76.9 115.3
 141 79.3 74.4 111.6

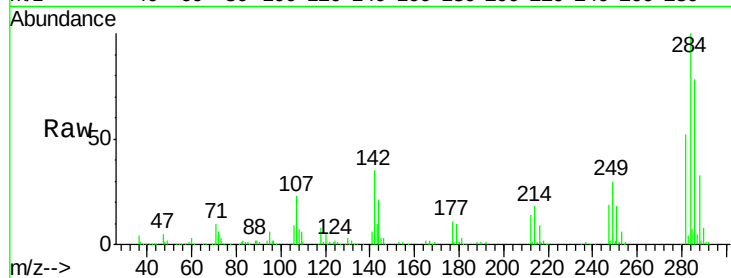




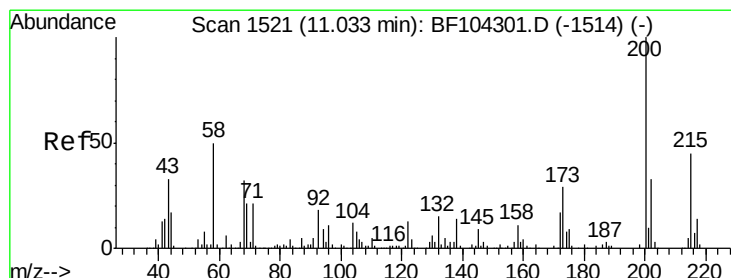
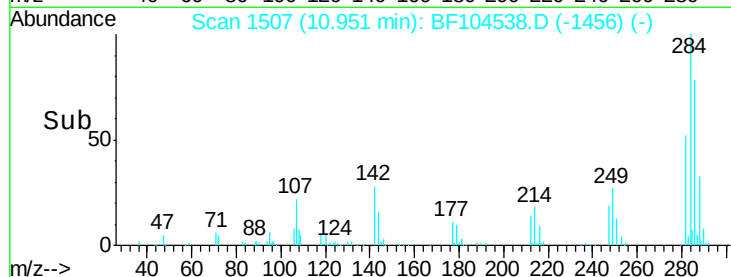
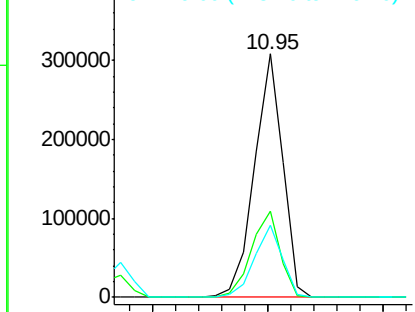
#67
Hexachlorobenzene
Concen: 41.661 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.4	34.6	52.0
249	29.6	24.8	37.2

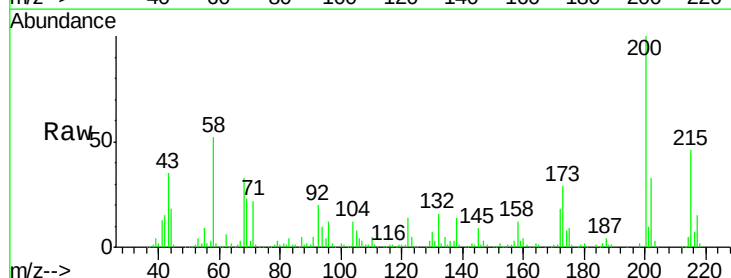


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

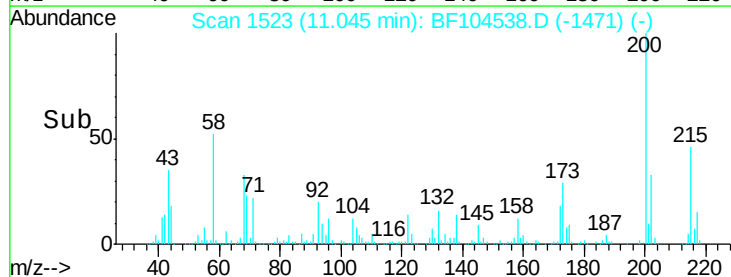
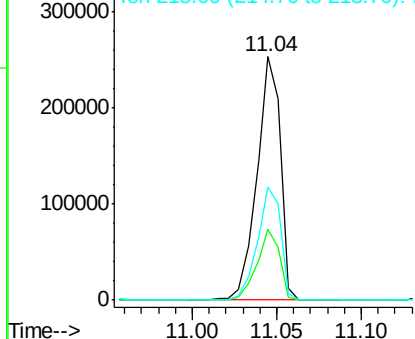


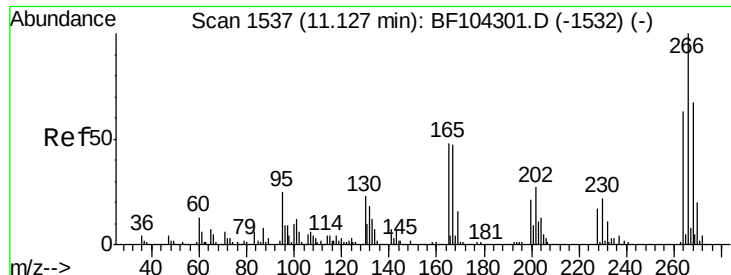
#68
Atrazine
Concen: 44.046 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.0	8.6	48.6
215	46.2	25.1	65.1



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

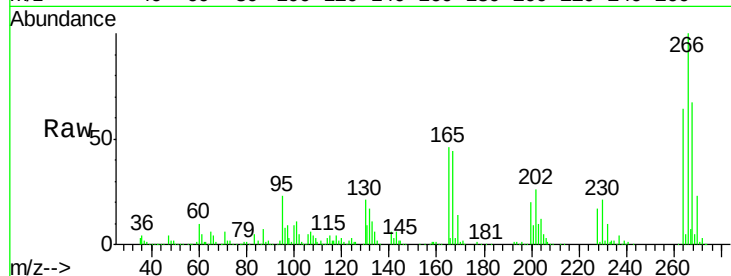




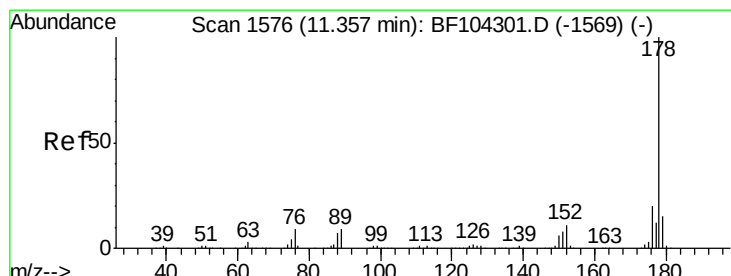
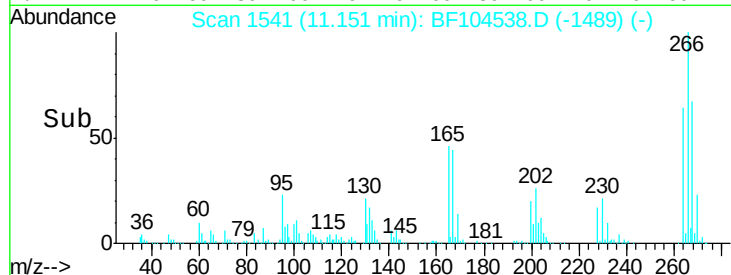
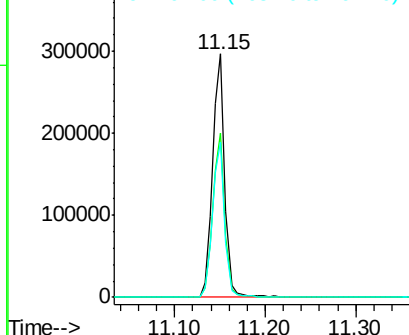
#69
 Pentachlorophenol
 Concen: 71.417 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 280804
 Ion Ratio Lower Upper
 266 100
 268 67.5 51.1 76.7
 264 63.7 49.5 74.3

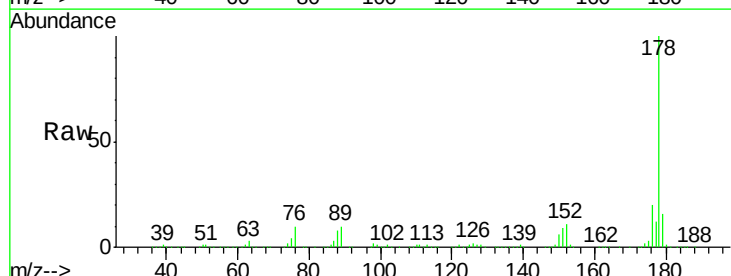


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

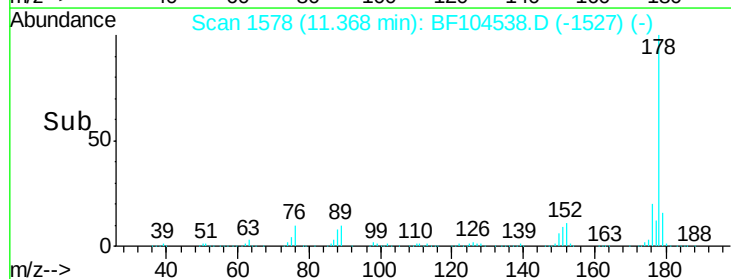
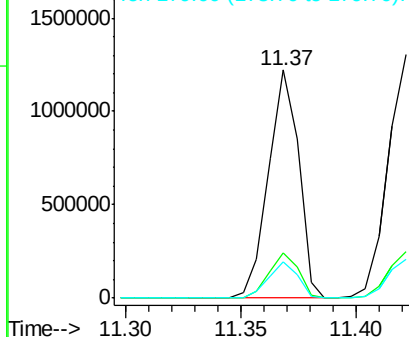


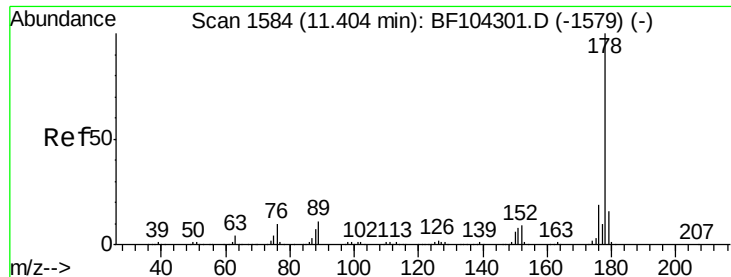
#70
 Phenanthrene
 Concen: 37.643 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:178 Resp: 1113169
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.7 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

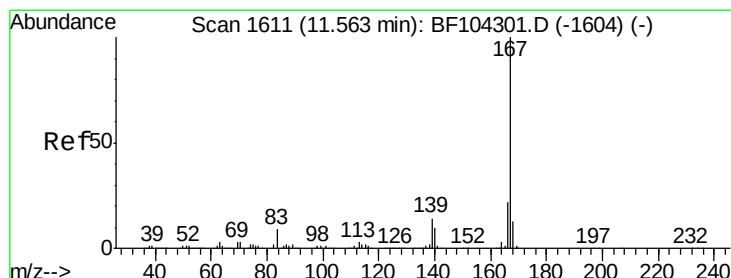
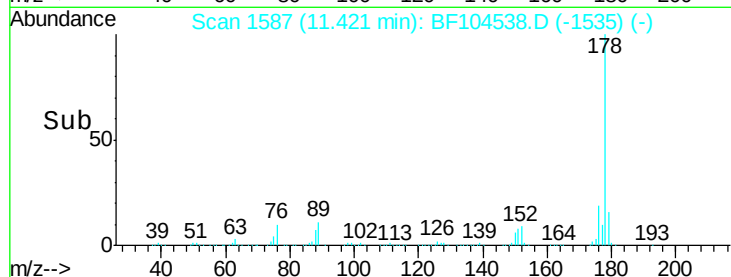
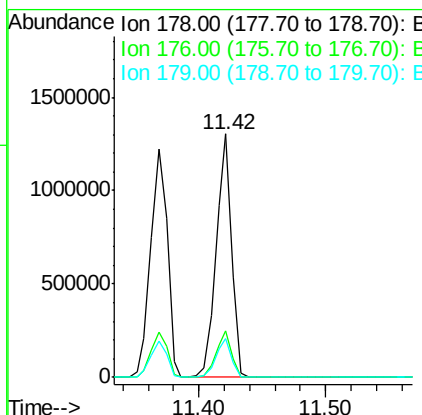
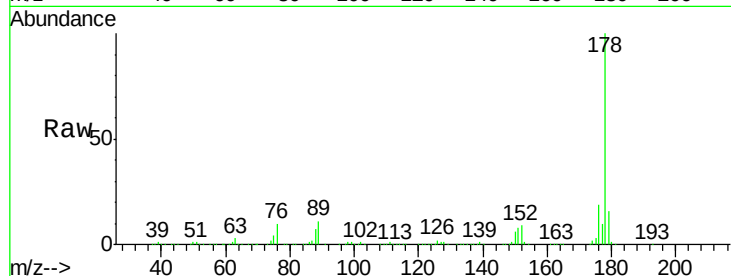




#71
 Anthracene
 Concen: 37.301 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

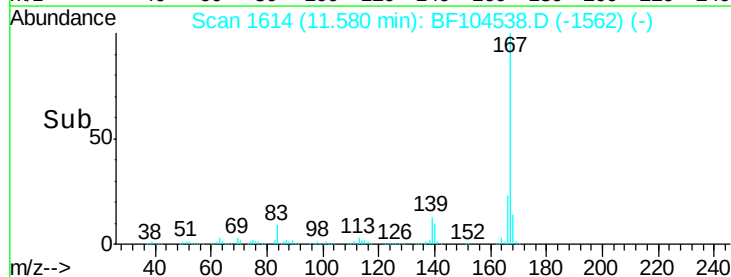
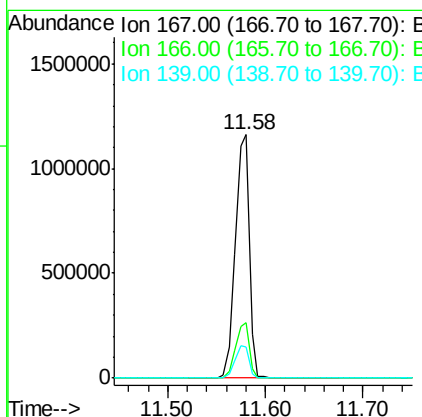
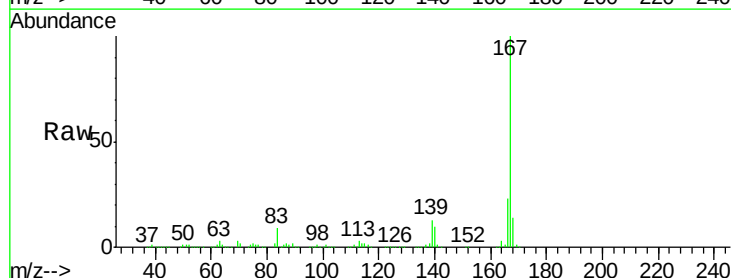
Instrument :
 BNA_F
 ClientSampleId :

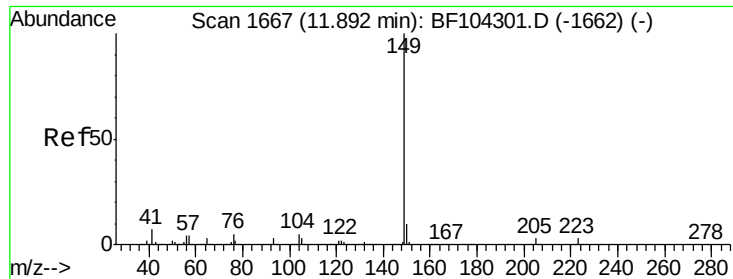
Tot Ion:178 Resp: 1121287
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 39.366 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:167 Resp: 1156343
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.835 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

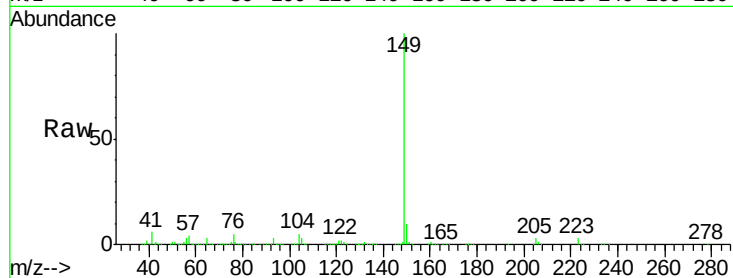
Tot Ion:149 Resp: 1393500

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

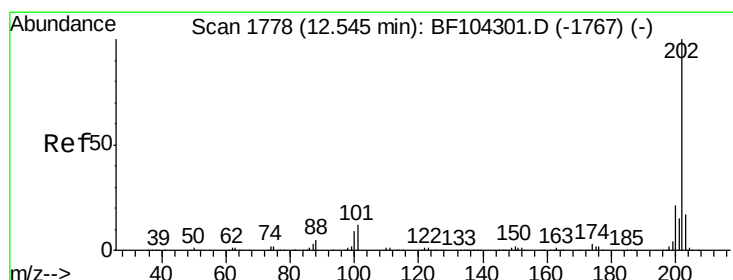
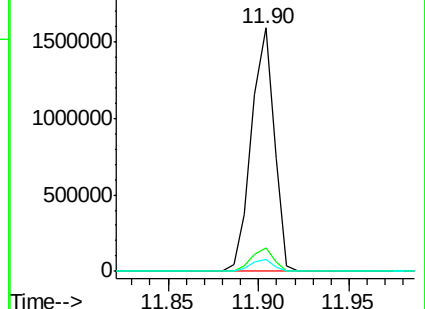
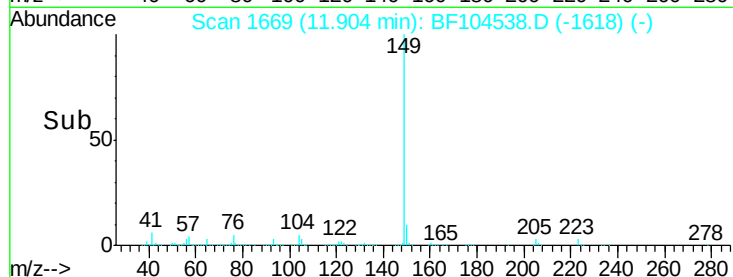
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.036 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

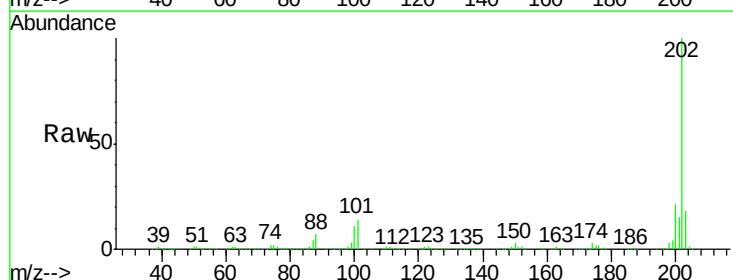
Tgt Ion:202 Resp: 1144315

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.1

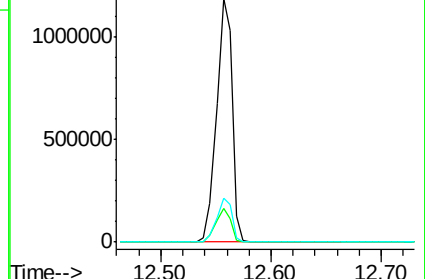
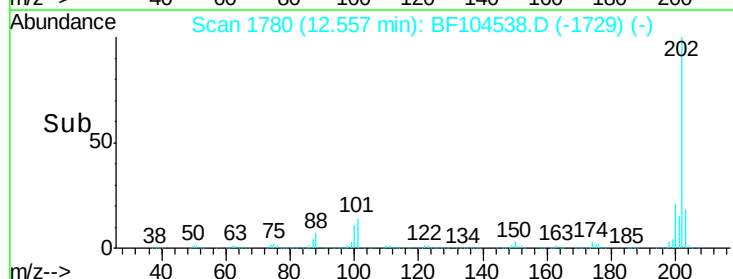
203 18.1 0.0 38.1

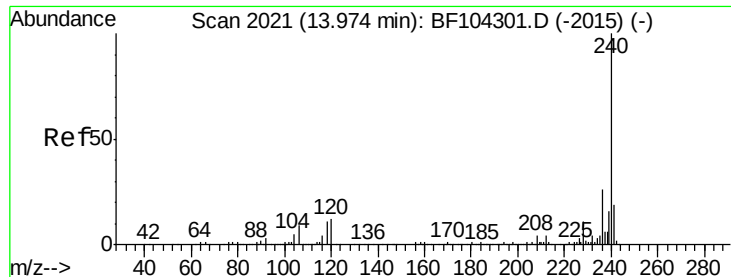


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

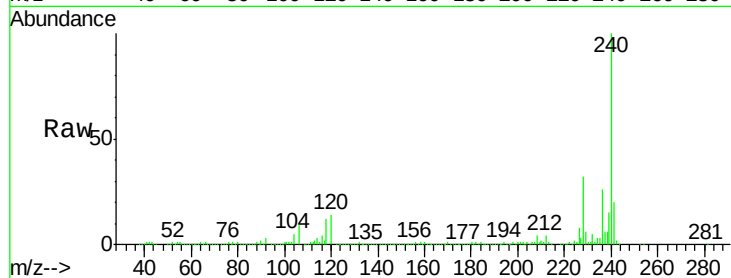
Tot Ion:240 Resp: 378858

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

236 26.4 20.7 31.1

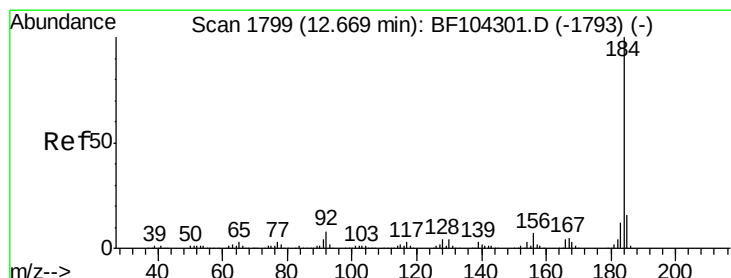
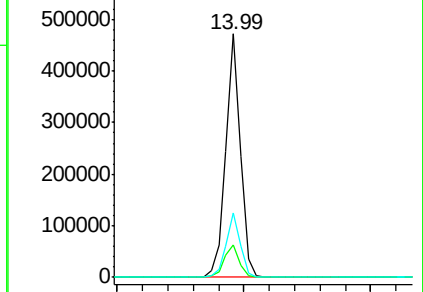
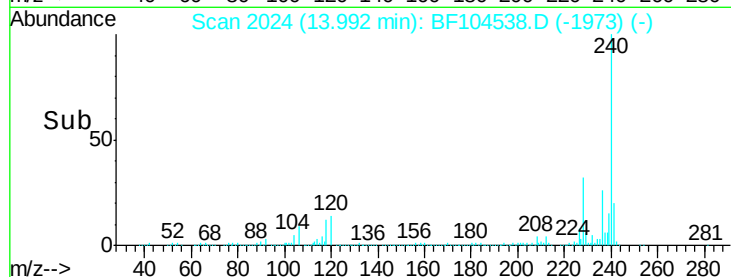


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 13.90 14.00 14.10



#76

Benzidine

Concen: 31.523 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

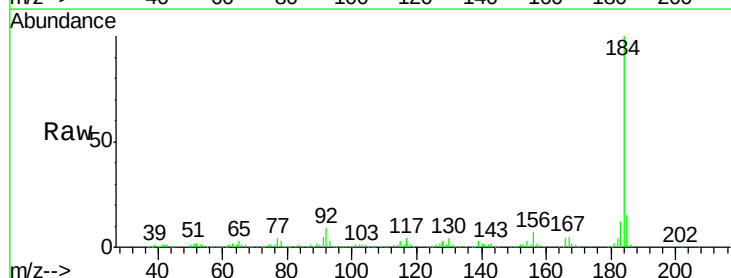
Tgt Ion:184 Resp: 431383

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

183 12.2 9.3 13.9

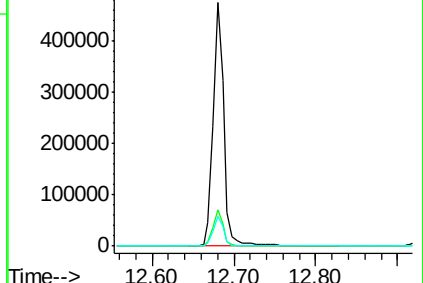
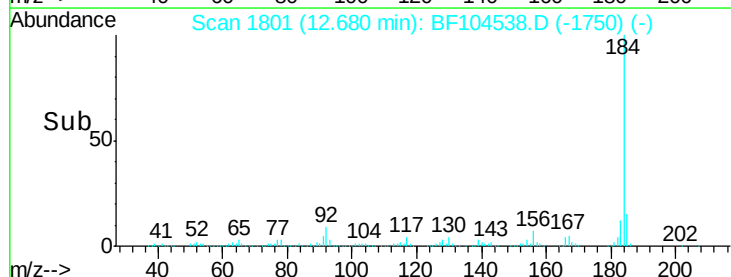


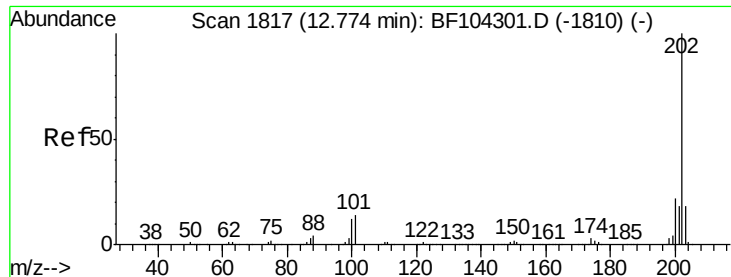
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

Time--> 12.60 12.70 12.80

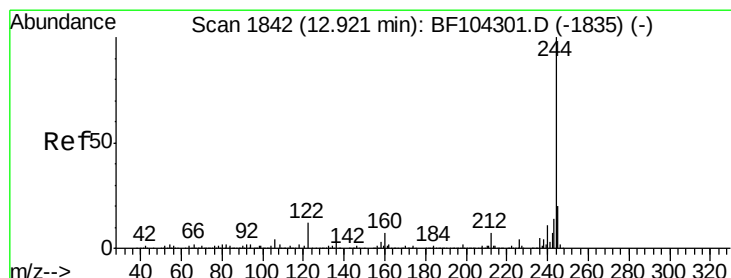
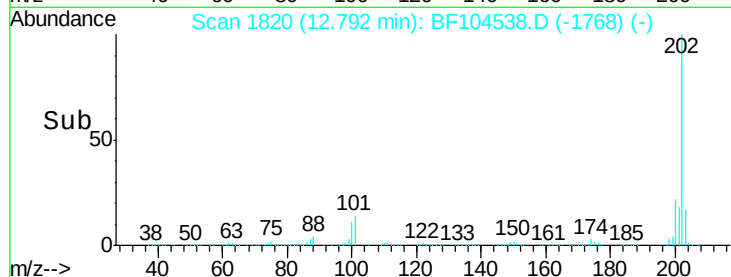
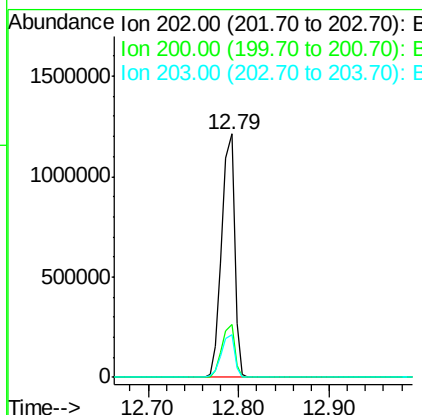
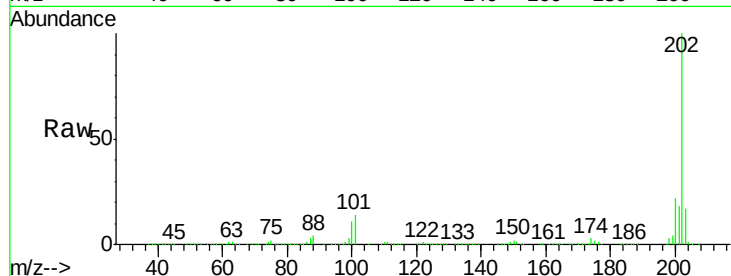




#77
 Pvrene
 Concen: 42.056 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

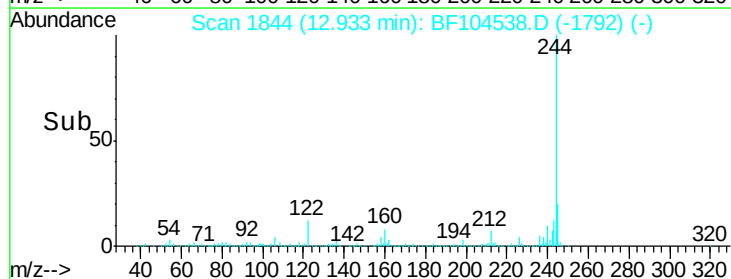
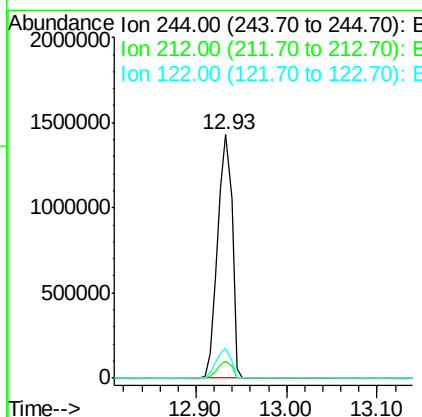
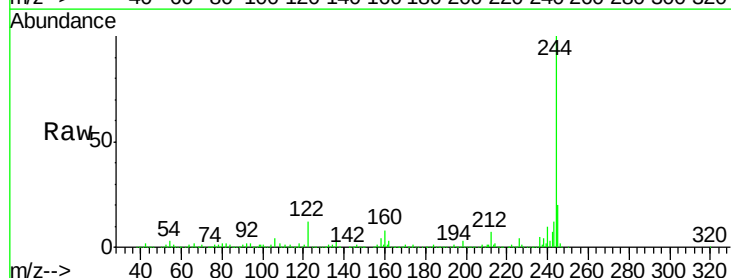
Instrument :
 BNA_F
 ClientSampleId :

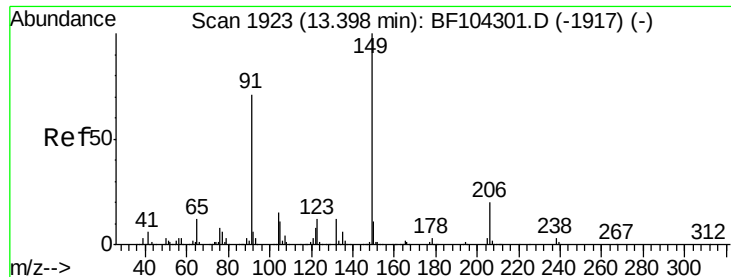
Tot Ion:202 Resp: 1181040
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.4 26.2
 203 17.3 14.3 21.5



#78
 Terphenyl-d14
 Concen: 93.879 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion:244 Resp: 1560059
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.0 11.0 16.4

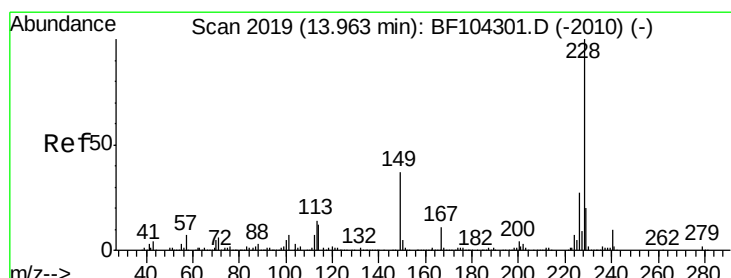
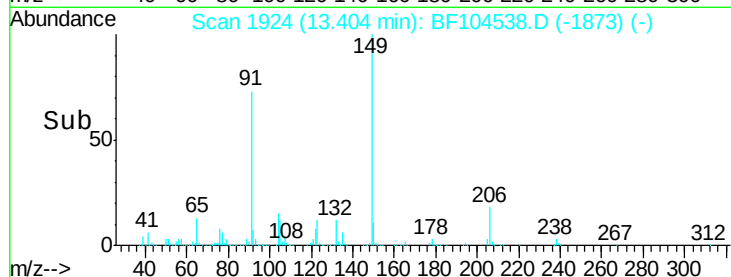
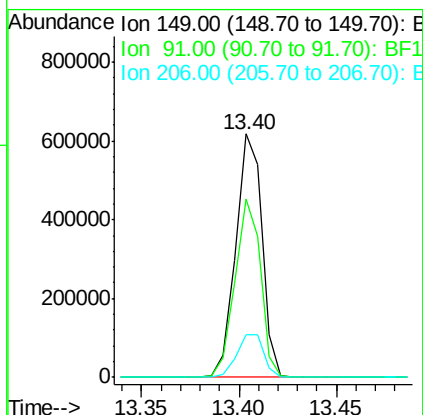
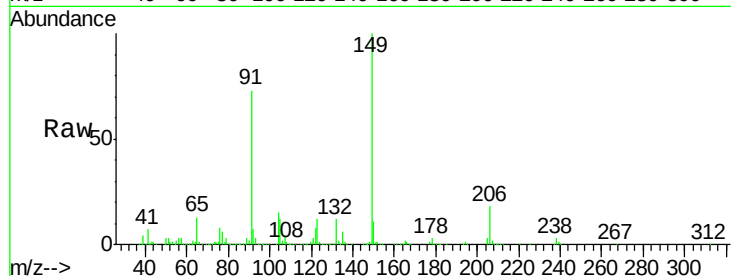




#79
Butylbenzylphthalate
Concen: 43.625 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

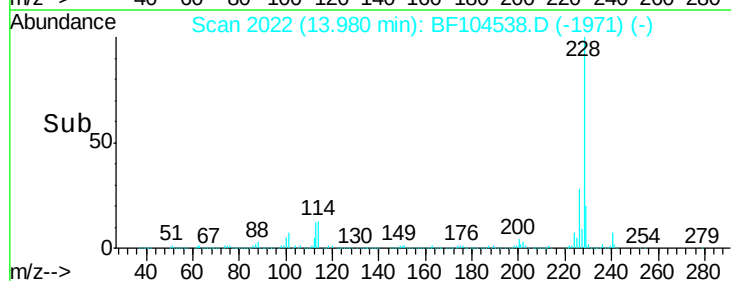
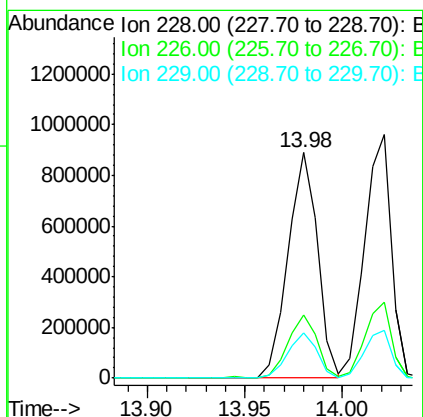
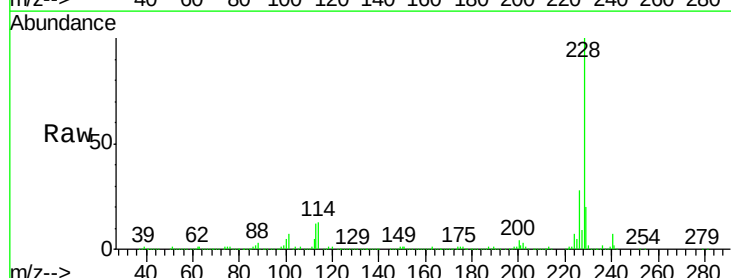
Instrument :
BNA_F
ClientSampleId :

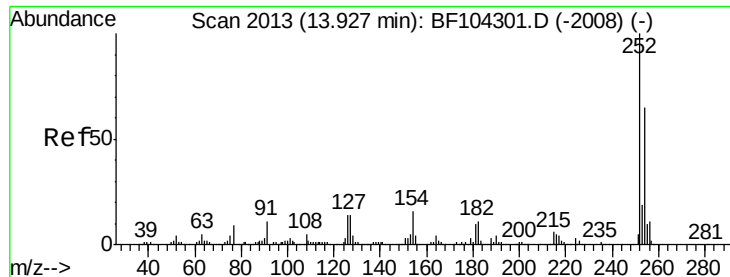
Tot Ion:149 Resp: 577156
Ion Ratio Lower Upper
149 100
91 73.1 56.8 85.2
206 17.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.102 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion:228 Resp: 930281
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 19.9 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 31.044 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

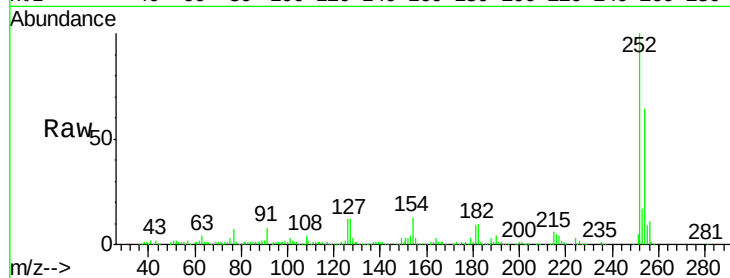
Tot Ion:252 Resp: 261976

Ion Ratio Lower Upper

252 100

254 64.0 50.4 75.6

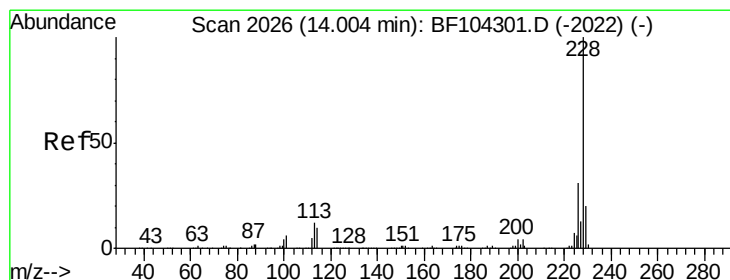
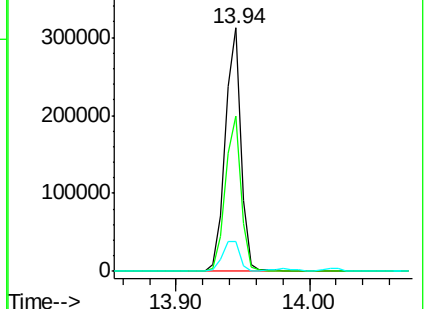
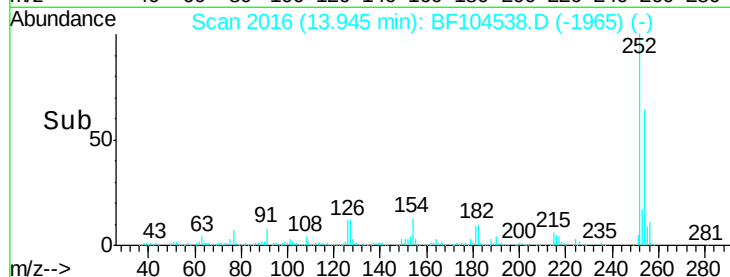
126 12.4 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 39.219 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

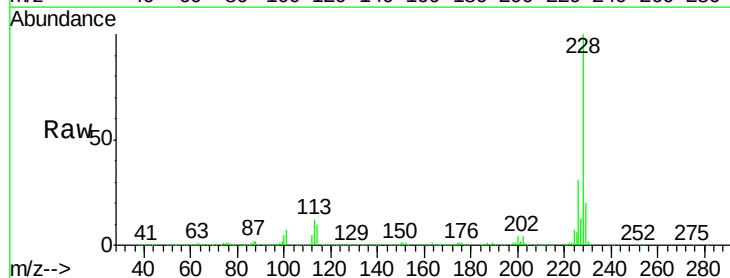
Tgt Ion:228 Resp: 911769

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

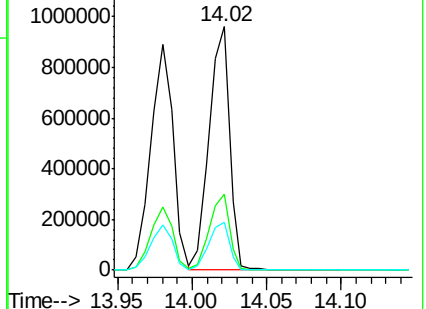
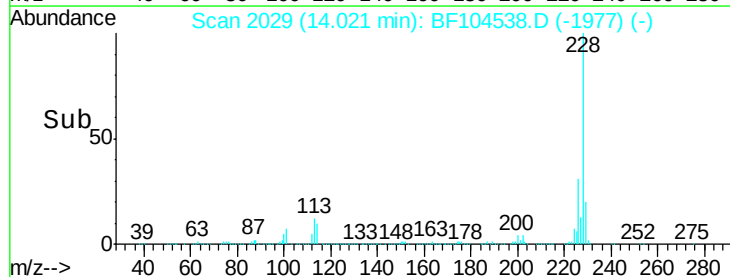
229 19.7 16.2 24.4

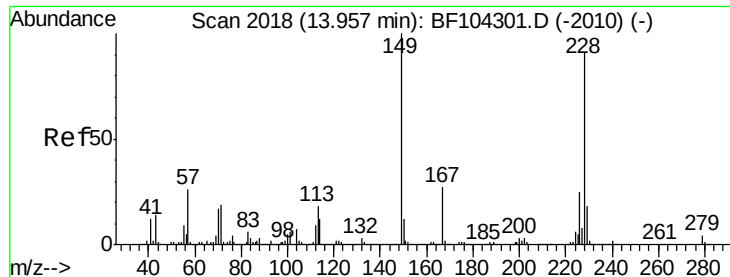


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.915 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

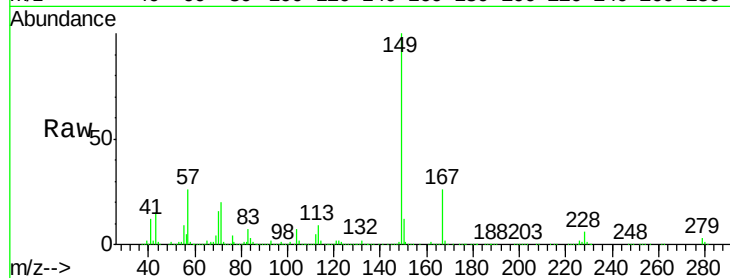
Tot Ion:149 Resp: 747298

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

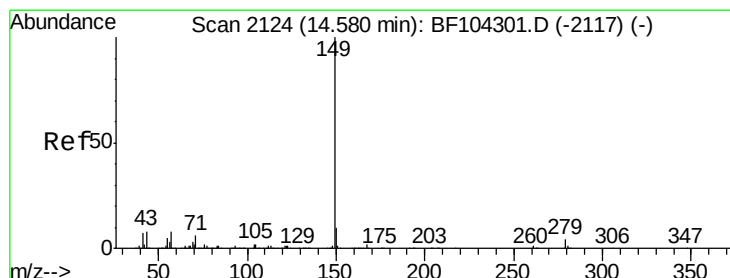
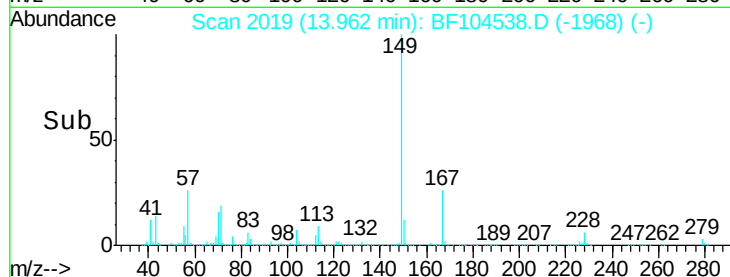
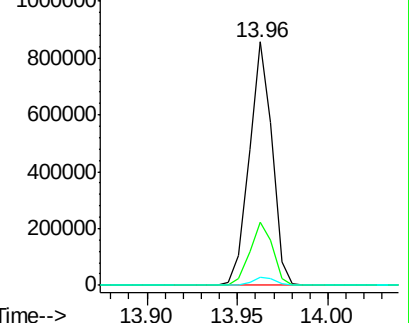
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.049 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

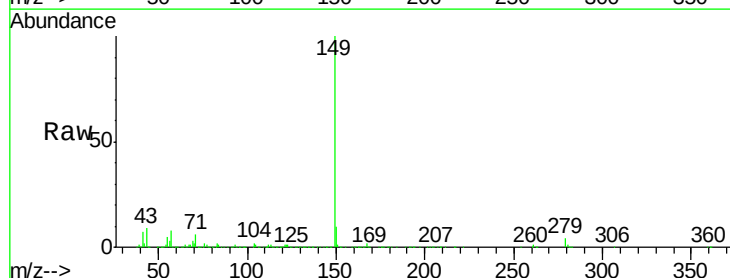
Tgt Ion:149 Resp: 1138746

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

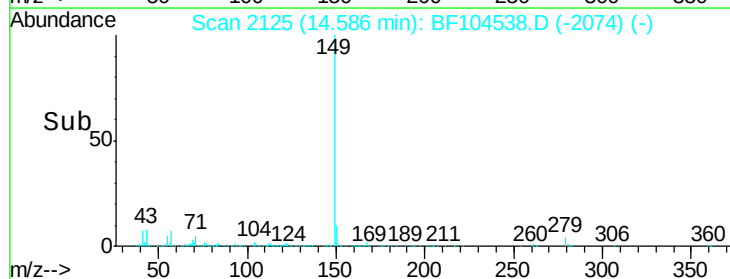
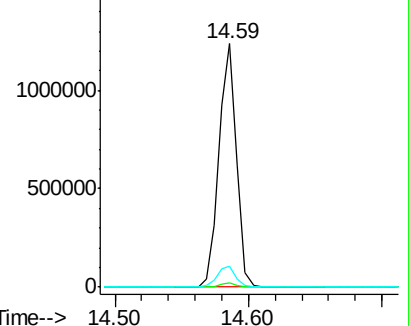
43 8.6 8.4 12.6

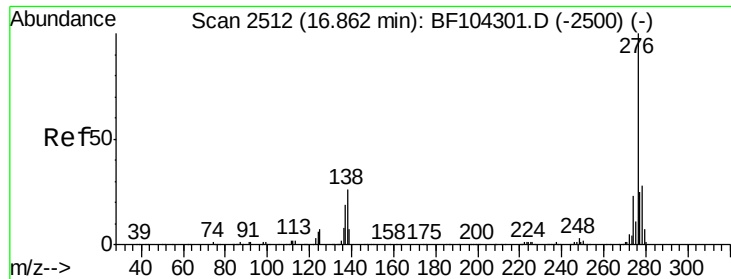


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

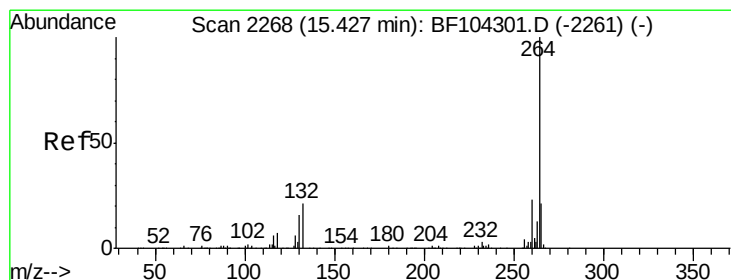
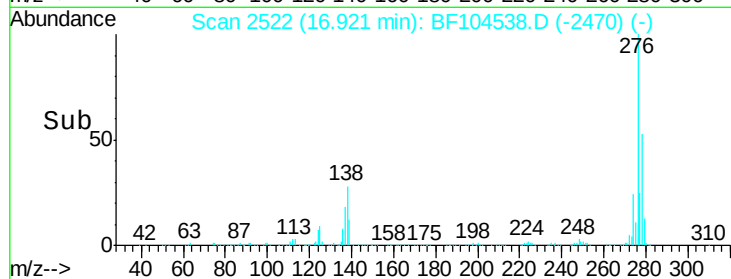
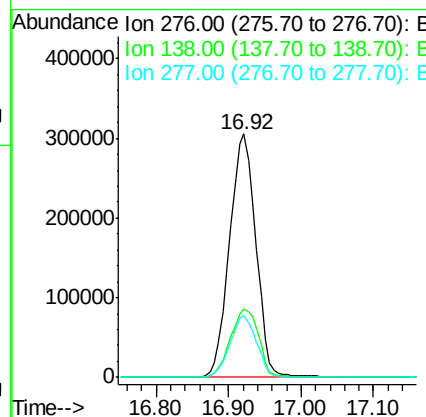
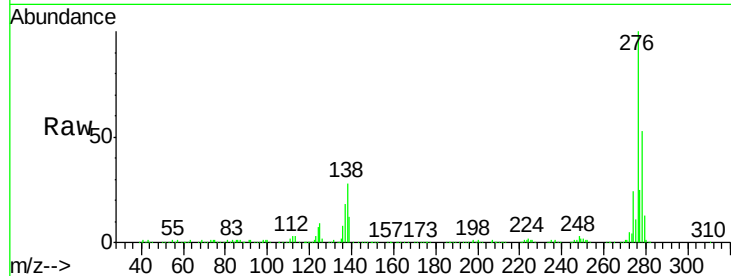




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.133 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

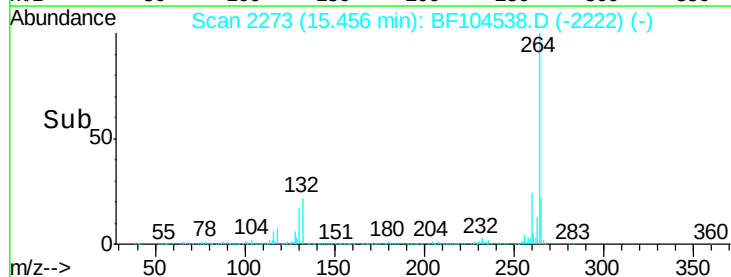
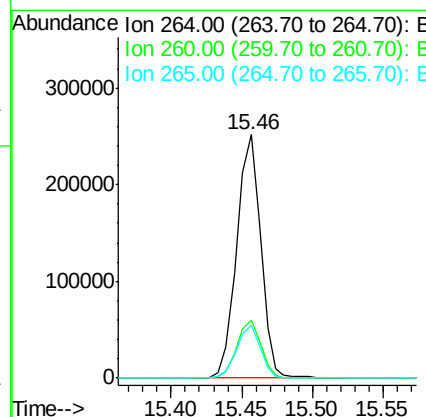
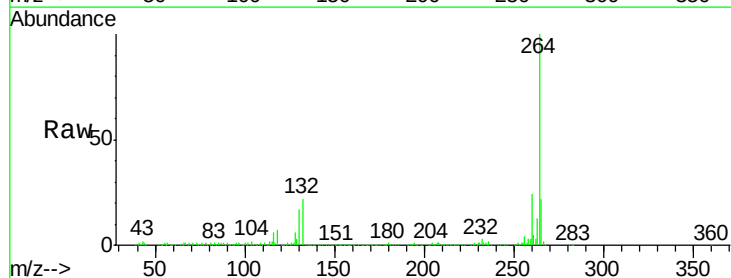
Instrument :
 BNA_F
 ClientSampleId :

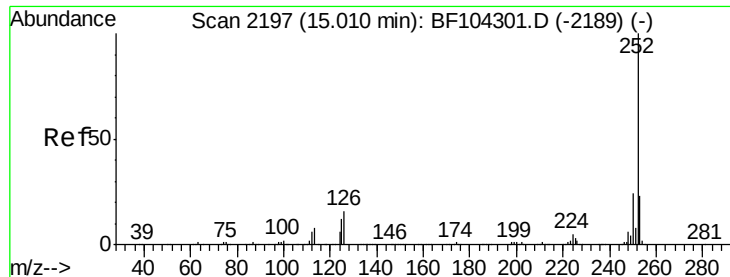
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.4	25.0	37.6
277	25.5	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3

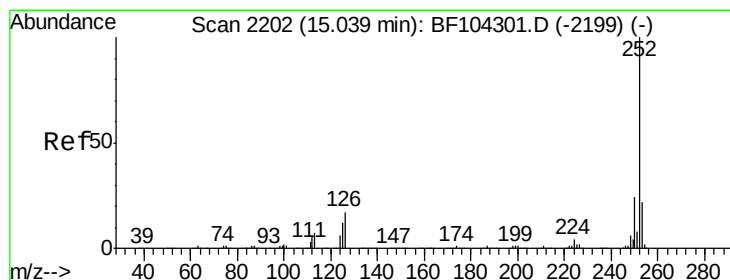
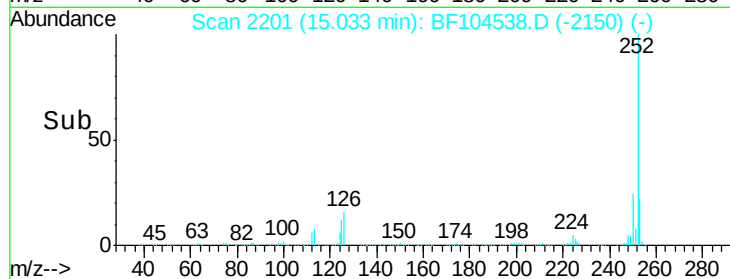
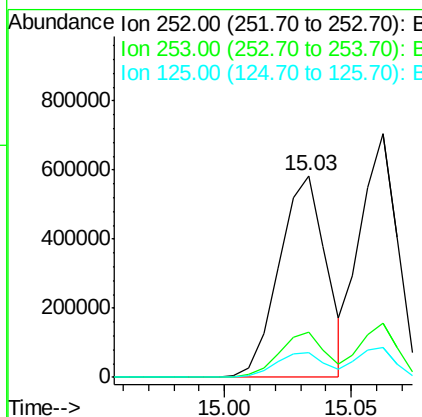
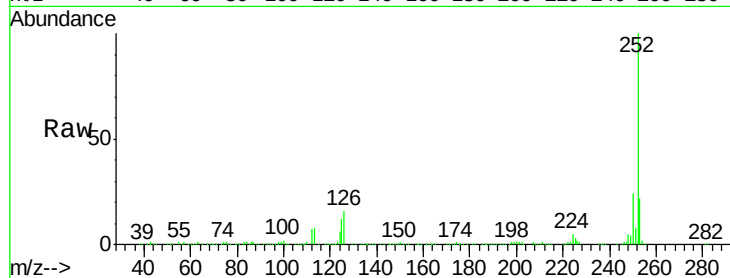




#87
Benzo(b)fluoranthene
Concen: 39.597 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

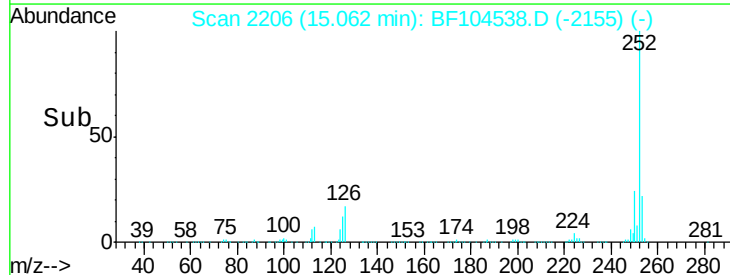
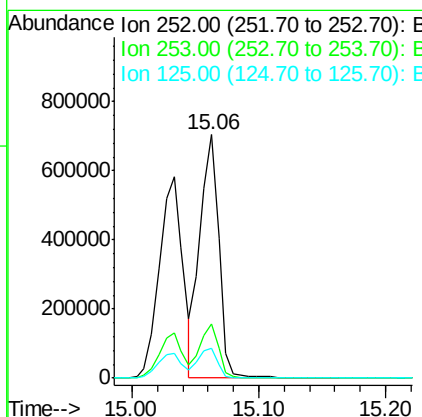
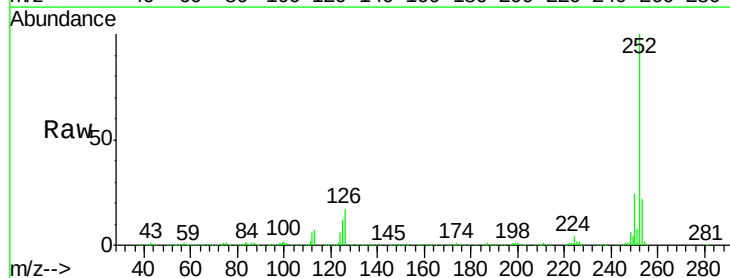
Instrument :
BNA_F
ClientSampleId :

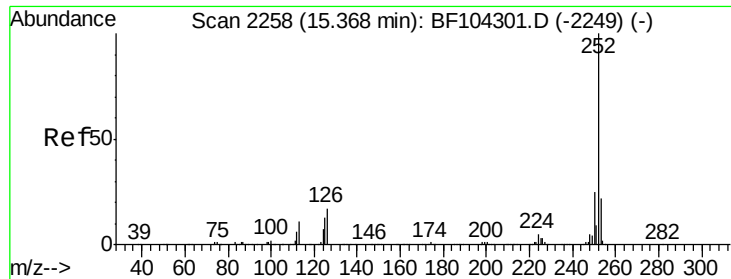
Tot Ion:252 Resp: 750742
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 12.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.764 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion:252 Resp: 729651
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 12.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.667 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

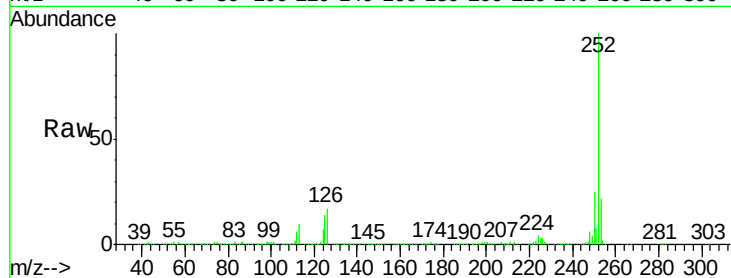
Tot Ion:252 Resp: 672912

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

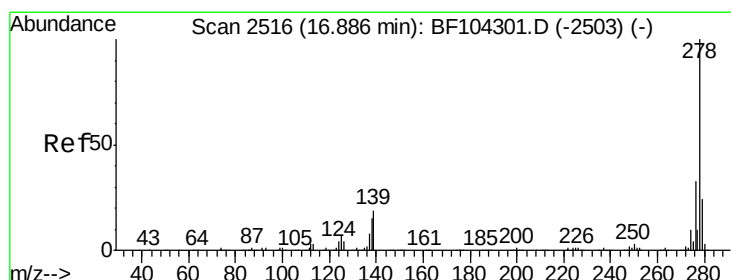
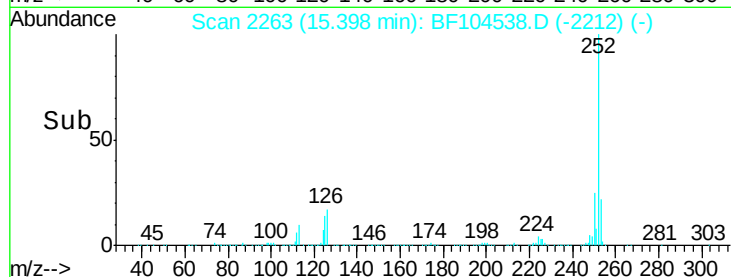
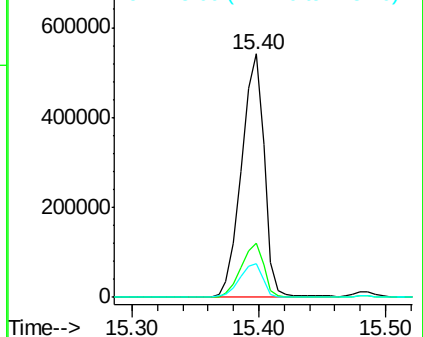
125 13.8 9.8 14.6



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: 45.733 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

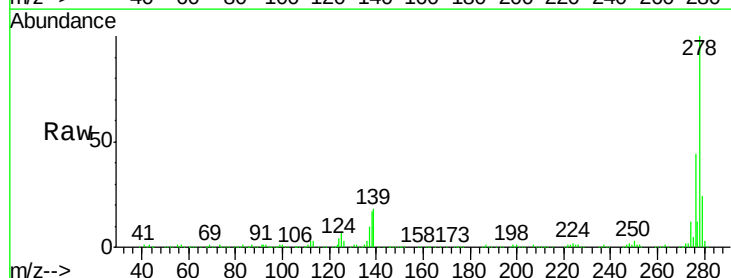
Tgt Ion:278 Resp: 637179

Ion Ratio Lower Upper

278 100

139 18.1 15.9 23.9

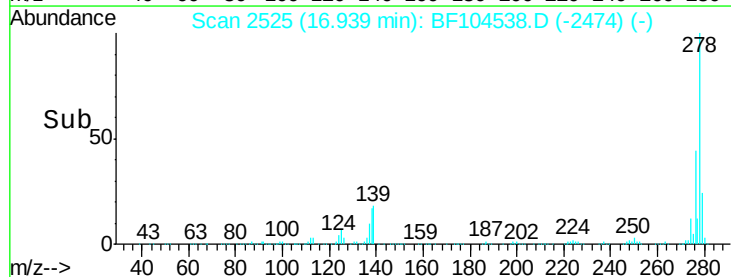
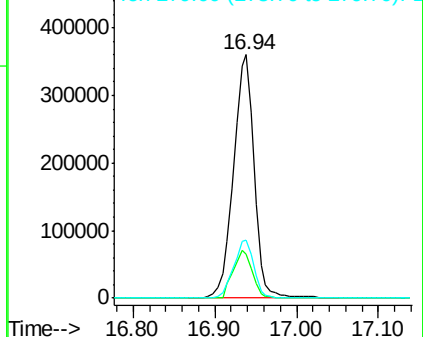
279 24.0 19.0 28.4

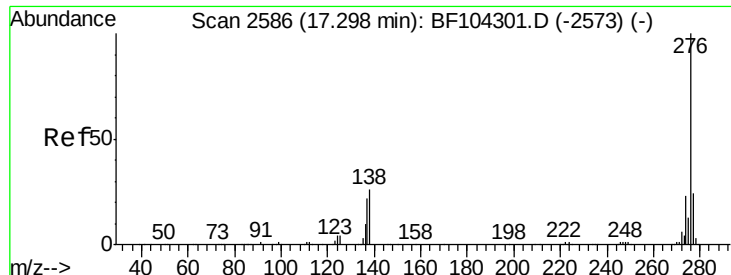


Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.719 ng
 RT: 17.36 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.2	17.9	26.9	
138	25.9	21.8	32.8	

