

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105020.D
 Acq On : 2 May 2018 10:23
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 17:26:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	127699	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	550644	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	255291	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	465773	20.00	ng	0.00
75) Chrysene-d12	14.03	240	345019	20.00	ng	0.00
86) Perylene-d12	15.59	264	282175	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	630381	75.48	ng	0.00
7) Phenol-d6	6.44	99	796688	77.64	ng	0.00
23) Nitrobenzene-d5	7.37	82	729214	86.47	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	215858	81.51	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1256484	77.75	ng	0.00
78) Terphenyl-d14	12.92	244	1213759	80.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	135446	34.806	ng	# 85
3) Pyridine	3.22	79	377534	34.506	ng	85
4) n-Nitrosodimethylamine	3.21	42	127962	33.458	ng	# 78
6) Aniline	6.46	93	542362	38.044	ng	# 89
8) 2-Chlorophenol	6.58	128	358920	40.718	ng	92
9) Benzaldehyde	6.35	77	221477	44.169	ng	93
10) Phenol	6.45	94	429554	39.454	ng	77
11) bis(2-Chloroethyl)ether	6.53	93	350236	40.311	ng	91
12) 1,3-Dichlorobenzene	6.73	146	404193	40.475	ng	99
13) 1,4-Dichlorobenzene	6.81	146	411911	41.380	ng	98
14) 1,2-Dichlorobenzene	6.96	146	380121	41.207	ng	99
15) Benzyl Alcohol	6.95	79	284184	36.463	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	393316	33.709	ng	70
17) 2-Methylphenol	7.06	107	313853	40.961	ng	# 91
18) Hexachloroethane	7.30	117	145066	40.873	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	235533	35.126	ng	91
20) 3+4-Methylphenols	7.21	107	370663	39.005	ng	# 68
22) Acetophenone	7.21	105	511661	37.743	ng	98
24) Nitrobenzene	7.39	77	379194	40.728	ng	95
25) Isophorone	7.62	82	668988	37.516	ng	98
26) 2-Nitrophenol	7.70	139	207778	54.819	ng	93
27) 2,4-Dimethylphenol	7.73	122	286525	36.407	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	411896	37.779	ng	99
29) 2,4-Dichlorophenol	7.94	162	304340	40.529	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	337269	40.926	ng	98
31) Naphthalene	8.10	128	1061031	38.697	ng	99
32) Benzoic acid	7.90	122	222789	35.480	ng	95
33) 4-Chloroaniline	8.16	127	469156	39.939	ng	96
34) Hexachlorobutadiene	8.21	225	187628	41.567	ng	100
35) Caprolactam	8.55	113	101790	38.858	ng	# 67
36) 4-Chloro-3-methylphenol	8.65	107	321505	39.930	ng	96
37) 2-Methylnaphthalene	8.79	142	697367	39.319	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	311518	42.628	ng	98
40) Hexachlorocyclopentadiene	8.93	237	174074	42.548	ng	99

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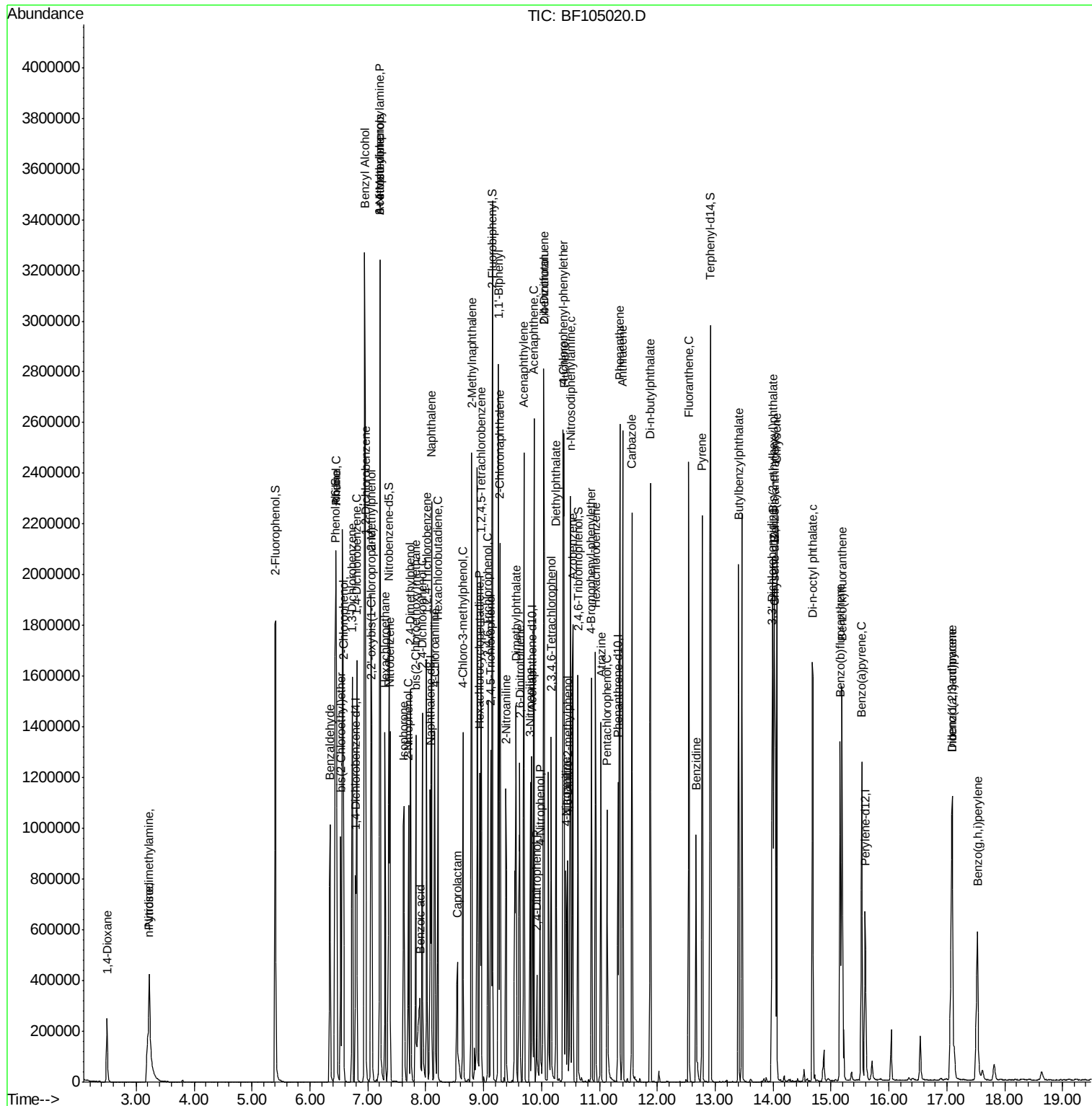
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	203943	40.201	ng	98
43) 2,4,5-Trichlorophenol	9.12	196	233908	41.203	ng	95
45) 1,1'-Biphenyl	9.26	154	846484	39.470	ng	99
46) 2-Chloronaphthalene	9.28	162	676951	39.962	ng	99
47) 2-Nitroaniline	9.39	65	197796	47.216	ng	93
48) Acenaphthylene	9.70	152	995291	37.448	ng	100
49) Dimethylphthalate	9.56	163	815351	40.501	ng	100
50) 2,6-Dinitrotoluene	9.63	165	175043	46.990	ng	# 84
51) Acenaphthene	9.87	154	601589	37.098	ng	99
52) 3-Nitroaniline	9.80	138	202972	46.542	ng	98
53) 2,4-Dinitrophenol	9.92	184	68846	53.566	ng	# 19
54) Dibenzofuran	10.05	168	815850	36.101	ng	99
55) 4-Nitrophenol	9.97	139	140061	40.885	ng	91
56) 2,4-Dinitrotoluene	10.04	165	209269	42.828	ng	96
57) Fluorene	10.39	166	683552	41.555	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	160600	37.920	ng	93
59) Diethylphthalate	10.26	149	760248	37.918	ng	98
60) 4-Chlorophenyl-phenylether	10.37	204	316042	43.142	ng	99
61) 4-Nitroaniline	10.42	138	207550	48.674	ng	97
62) Azobenzene	10.54	77	666817	34.811	ng	91
64) 4,6-Dinitro-2-methylphenol	10.45	198	124264	53.742	ng	# 79
65) n-Nitrosodiphenylamine	10.50	169	623751	38.623	ng	100
66) 4-Bromophenyl-phenylether	10.87	248	200150	40.399	ng	# 86
67) Hexachlorobenzene	10.93	284	225685	40.484	ng	93
68) Atrazine	11.03	200	179763	36.877	ng	99
69) Pentachlorophenol	11.13	266	142205	41.233	ng	99
70) Phenanthrene	11.35	178	984707	37.963	ng	99
71) Anthracene	11.40	178	997418	37.828	ng	100
72) Carbazole	11.56	167	968944	37.607	ng	99
73) Di-n-butylphthalate	11.88	149	1161663	36.909	ng	100
74) Fluoranthene	12.55	202	1012636	37.366	ng	98
76) Benzidine	12.67	184	399178	32.206	ng	98
77) Pyrene	12.77	202	1040701	40.694	ng	100
79) Butylbenzylphthalate	13.40	149	488278	40.527	ng	95
80) Benzo(a)anthracene	14.02	228	875495	42.475	ng	98
81) 3,3'-Dichlorobenzidine	13.98	252	295352	38.431	ng	98
82) Chrysene	14.06	228	830512	39.228	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	660128	42.597	ng	99
84) Di-n-octyl phthalate	14.68	149	987874	38.150	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.09	276	639340	35.549	ng	96
87) Benzo(b)fluoranthene	15.16	252	745549	41.834	ng	99
88) Benzo(k)fluoranthene	15.19	252	671687	39.921	ng	98
89) Benzo(a)pyrene	15.53	252	637348	39.969	ng	99
90) Dibenzo(a,h)anthracene	17.10	278	530339	40.495	ng	95
91) Benzo(g,h,i)perylene	17.53	276	539298	42.504	ng	95

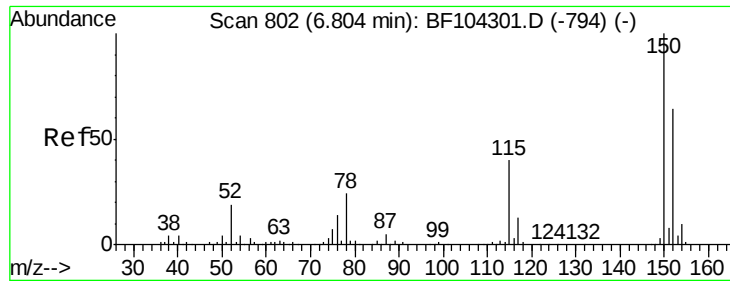
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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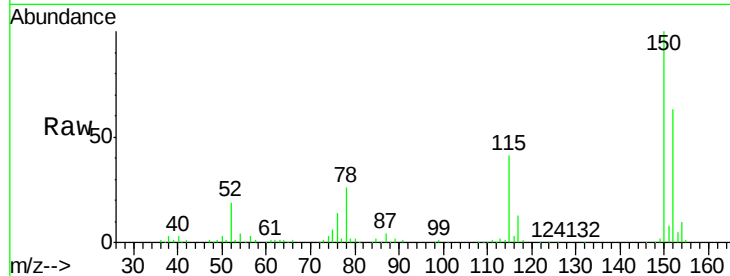


#1

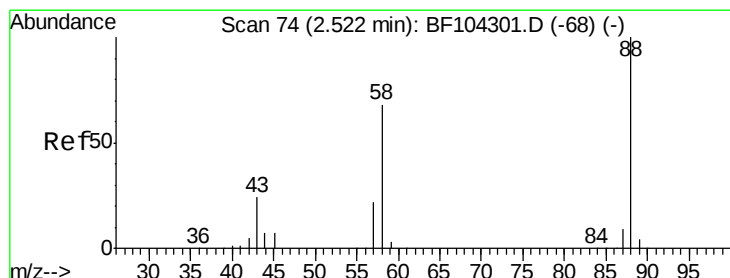
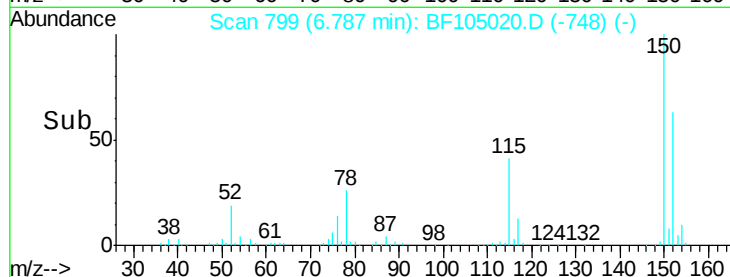
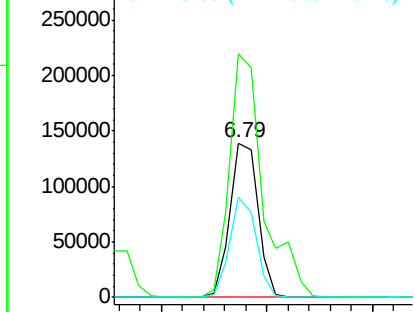
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 127699
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 65.3 50.1 75.1



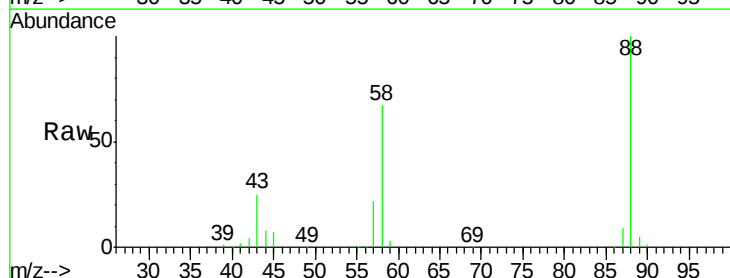
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



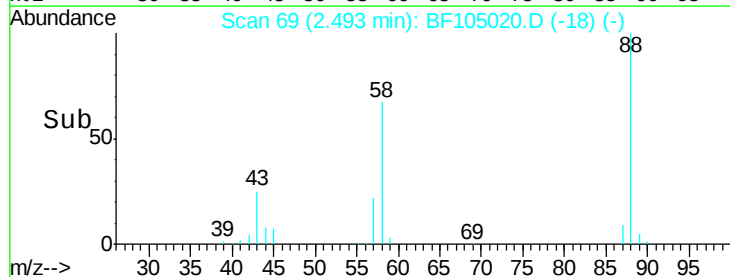
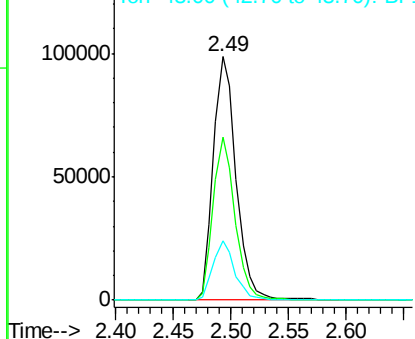
#2

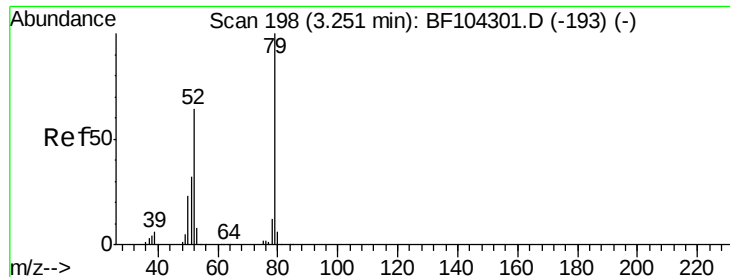
1,4-Dioxane
Concen: 34.806 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Tgt Ion: 88 Resp: 135446
Ion Ratio Lower Upper
88 100
58 64.6 62.6 93.8
43 23.3 24.6 37.0#



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





#3

Pvridine

Concen: 34.506 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Instrument :

BNA_F

ClientSampleId :

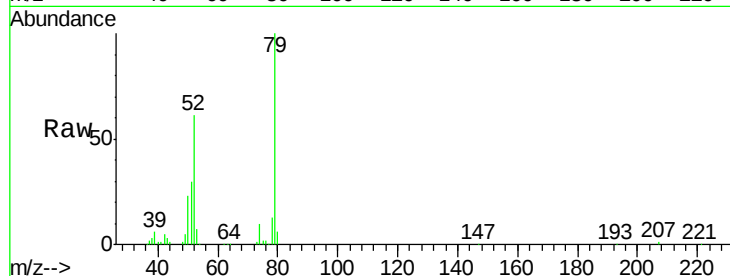
Tot Ion: 79 Resp: 377534

Ion Ratio Lower Upper

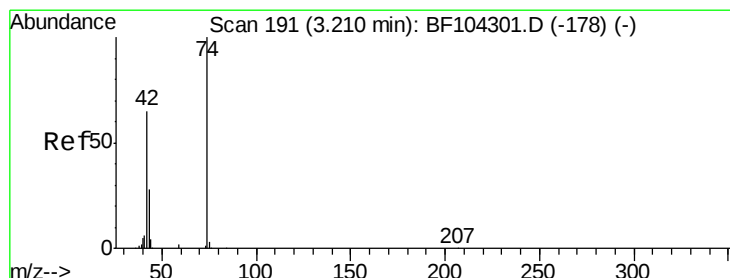
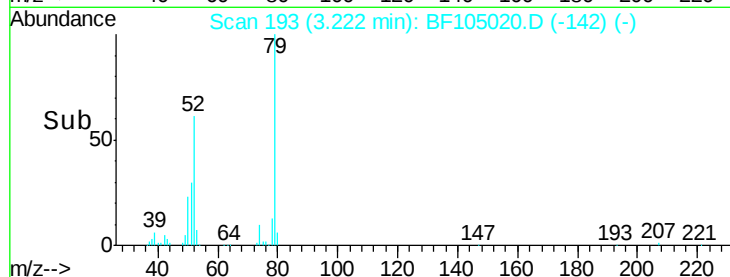
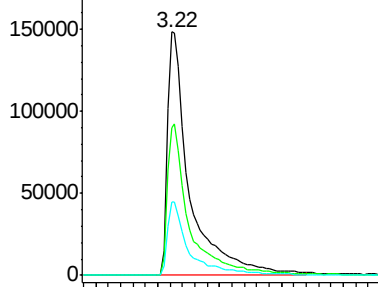
79 100

52 60.8 59.8 89.6

51 30.2 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: 33.458 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

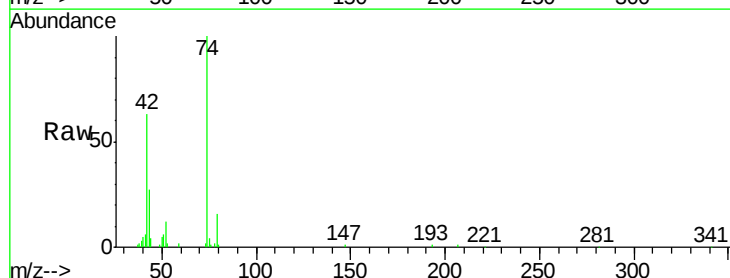
Tgt Ion: 42 Resp: 127962

Ion Ratio Lower Upper

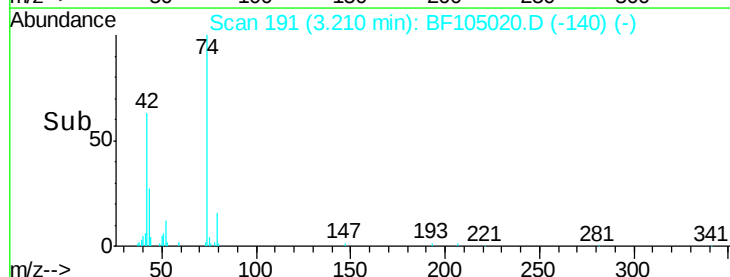
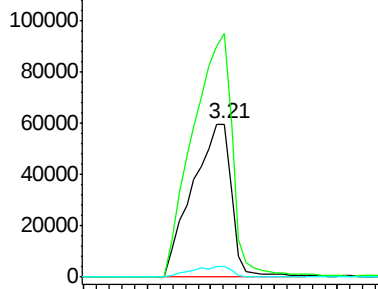
42 100

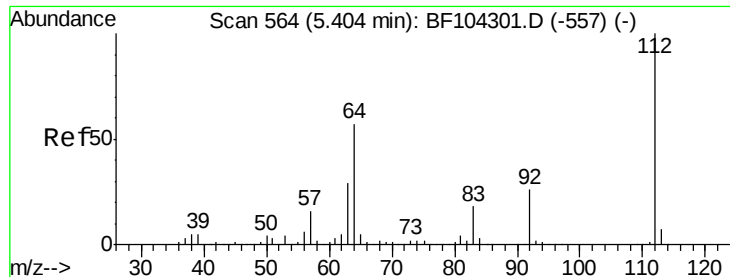
74 158.7 104.9 157.3#

44 6.9 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: 75.481 ng

RT: 5.40 min Scan# 564

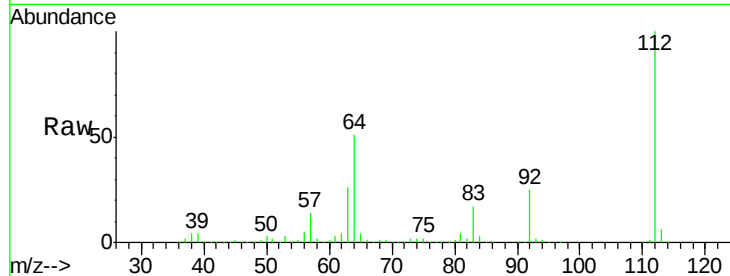
Delta R.T. 0.00 min

Lab File: BF105020.D

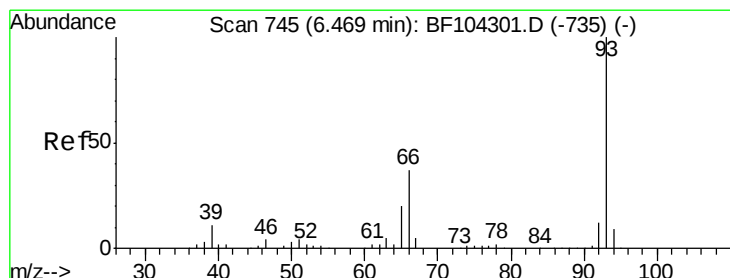
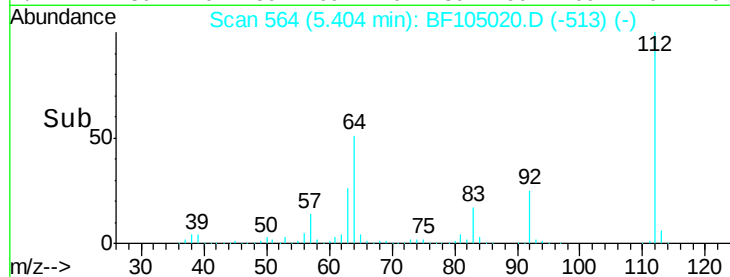
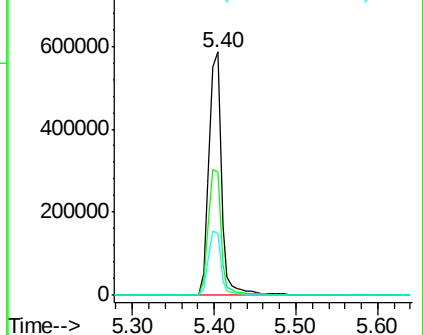
Acq: 2 May 2018 10:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	630381
Ion	Ratio	Lower	Upper
112	100		
64	50.6	47.9	71.9
63	25.6	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: 38.044 ng

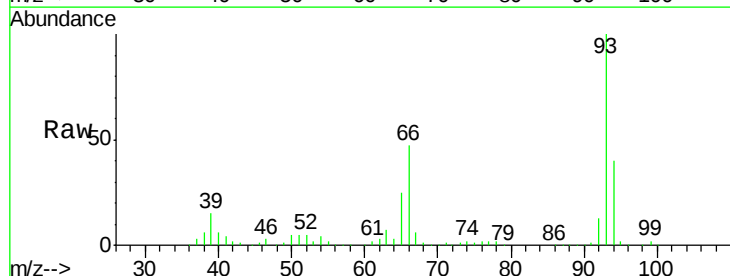
RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

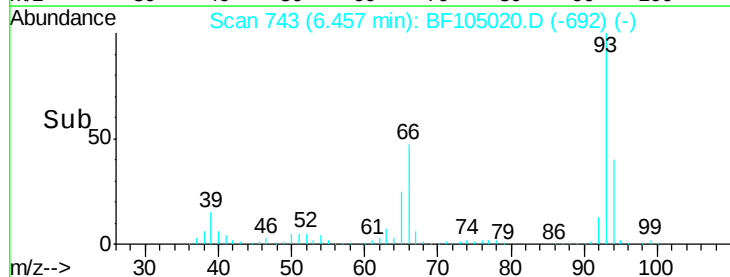
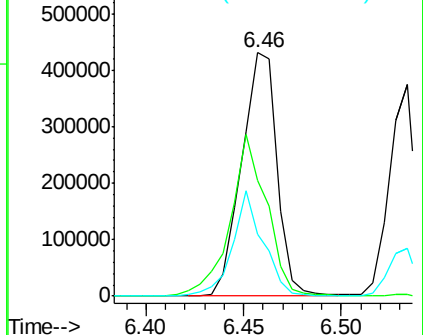
Lab File: BF105020.D

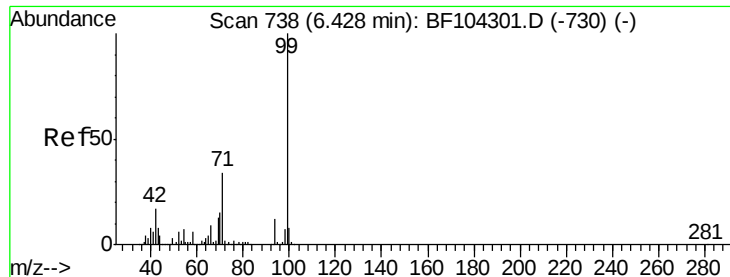
Acq: 2 May 2018 10:23

Tgt Ion:	93	Resp:	542362
Ion	Ratio	Lower	Upper
93	100		
66	47.3	32.2	48.2
65	25.4	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: 77.640 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Instrument :

BNA_F

ClientSampled :

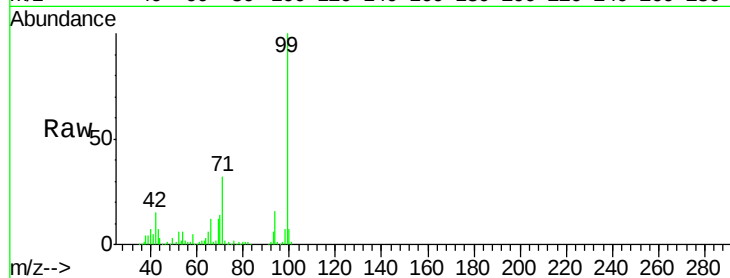
Tot Ion: 99 Resp: 796688

Ion Ratio Lower Upper

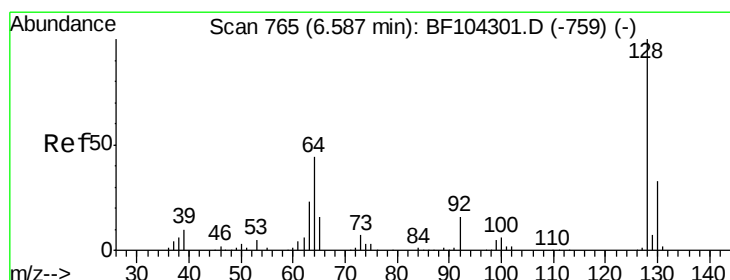
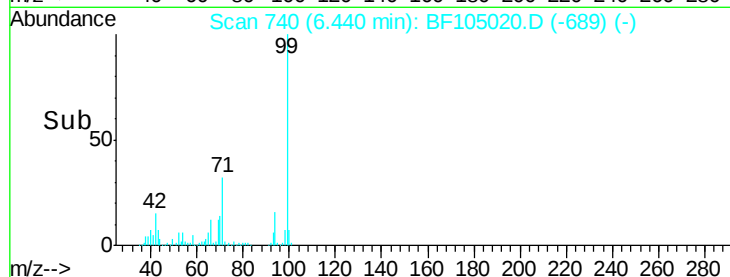
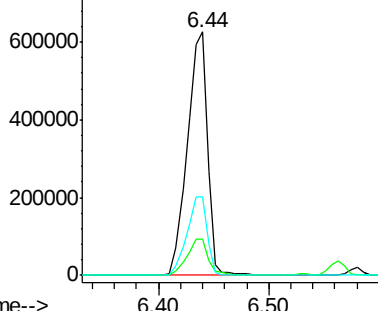
99 100

42 14.7 14.5 21.7

71 32.1 25.4 38.0



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



#8

2-Chlorophenol

Concen: 40.718 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

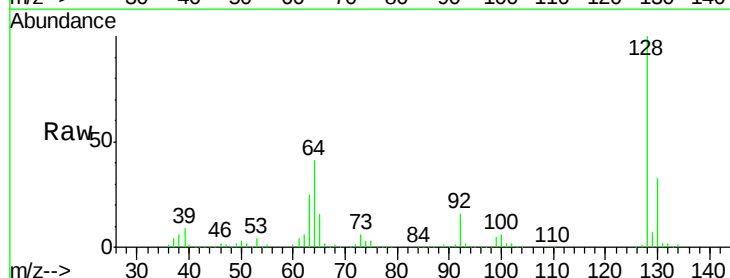
Tgt Ion: 128 Resp: 358920

Ion Ratio Lower Upper

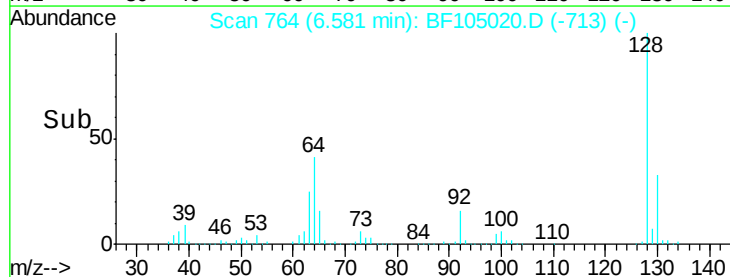
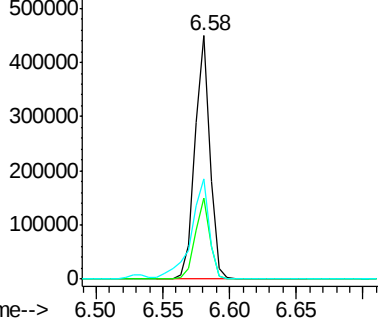
128 100

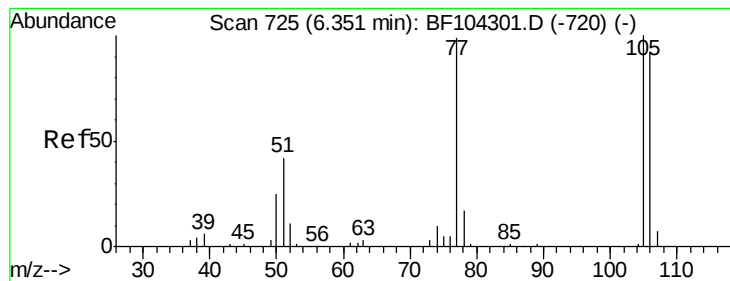
130 33.3 13.0 53.0

64 41.0 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 44.169 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

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BNA_F

ClientSampleId :

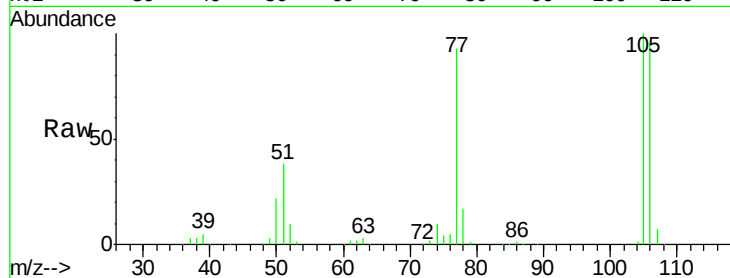
Tot Ion: 77 Resp: 221477

Ion Ratio Lower Upper

77 100

105 107.5 81.1 121.1

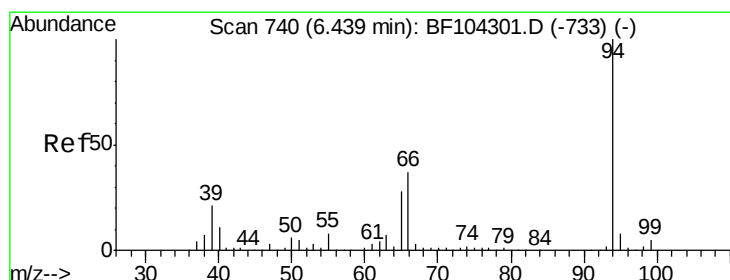
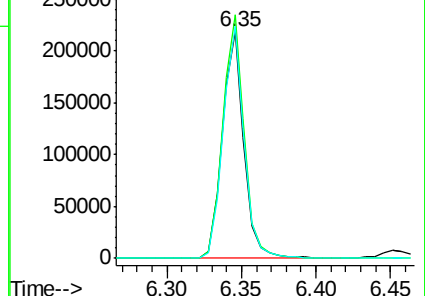
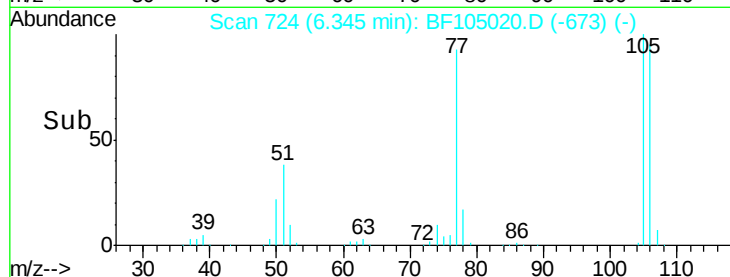
106 102.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.454 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

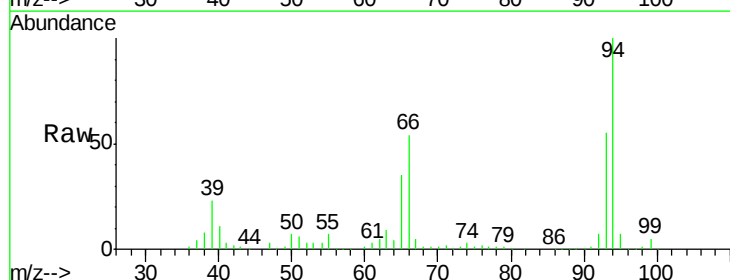
Tgt Ion: 94 Resp: 429554

Ion Ratio Lower Upper

94 100

65 35.1 7.9 47.9

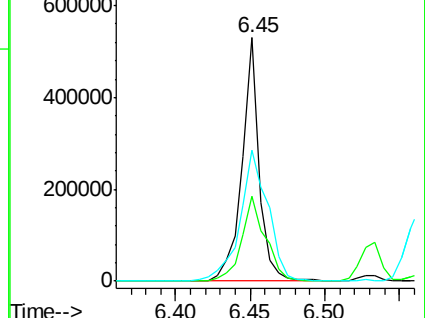
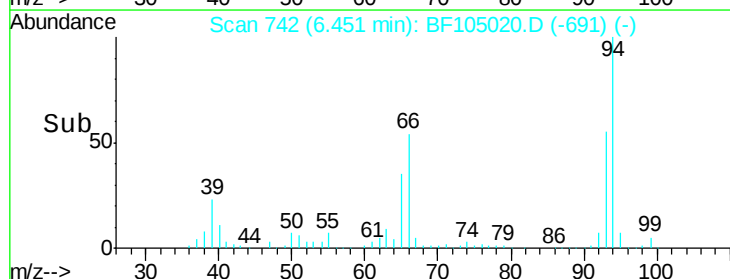
66 54.0 16.2 56.2

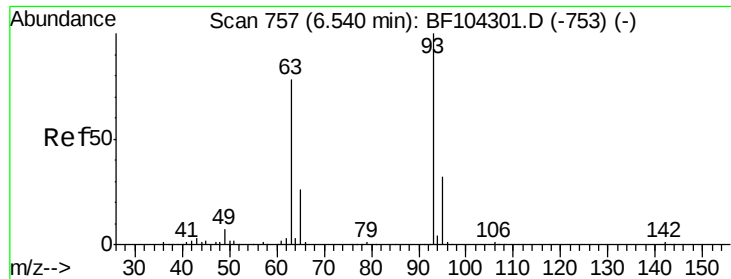


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.311 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Instrument :

BNA_F

ClientSampleId :

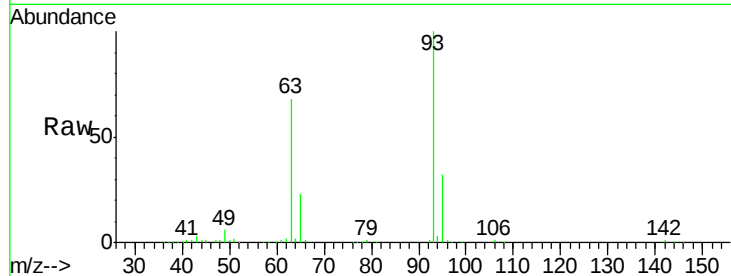
Tot Ion: 93 Resp: 350236

Ion Ratio Lower Upper

93 100

63 68.3 58.6 98.6

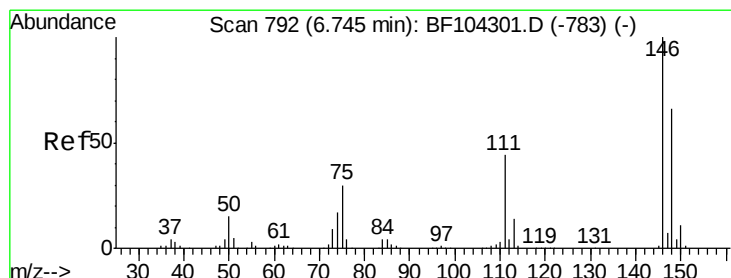
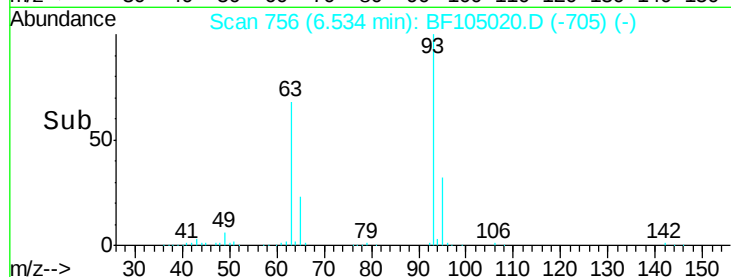
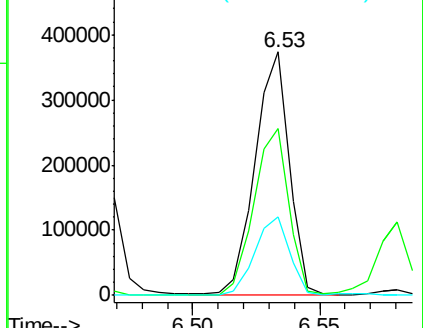
95 32.3 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.475 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

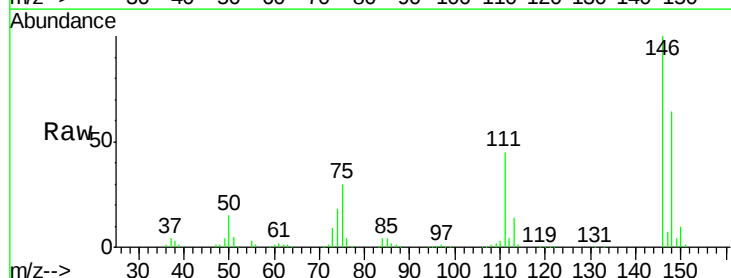
Tgt Ion: 146 Resp: 404193

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.8

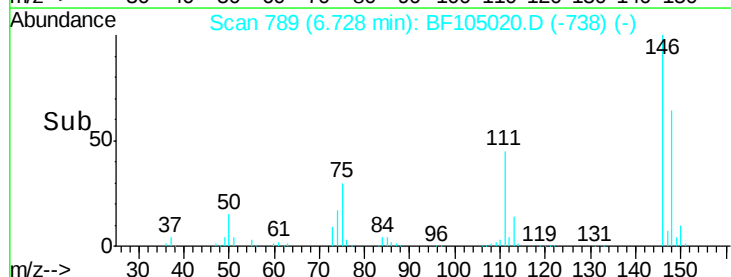
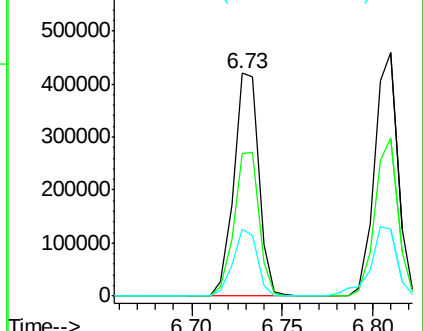
75 30.3 24.2 36.4

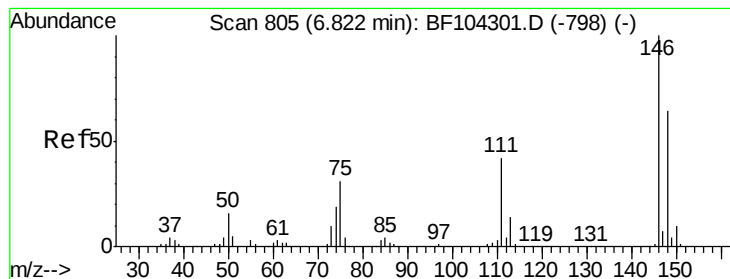


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.380 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Instrument :

BNA_F

ClientSampleId :

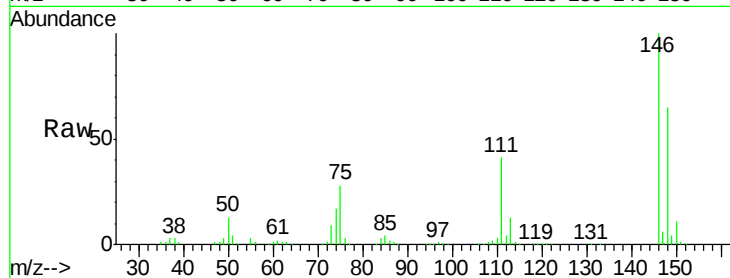
Tot Ion:146 Resp: 411911

Ion Ratio Lower Upper

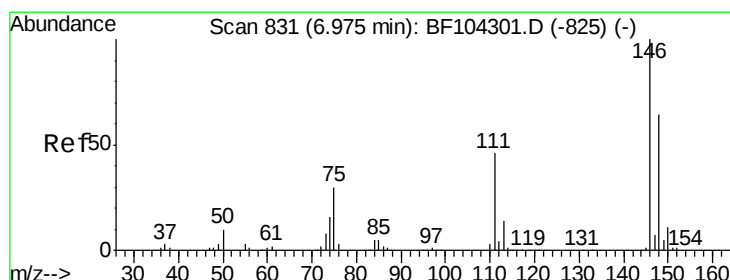
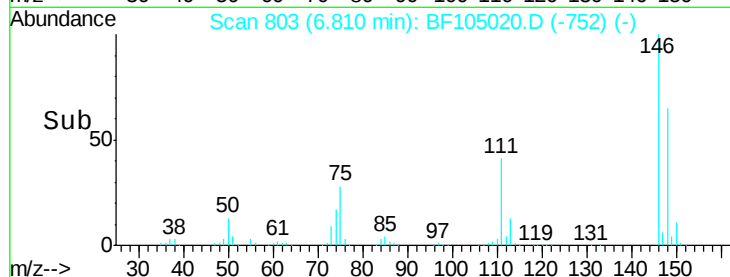
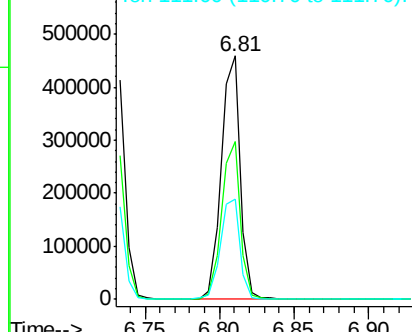
146 100

148 65.1 50.8 76.2

111 41.1 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 41.207 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

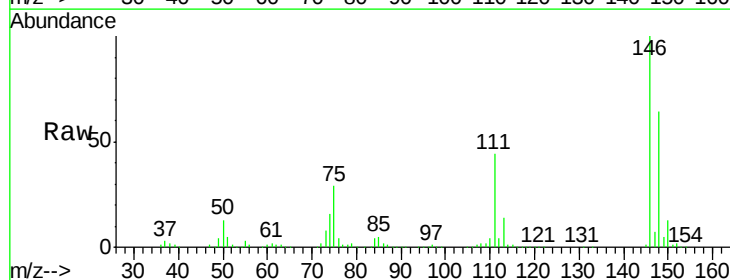
Tgt Ion:146 Resp: 380121

Ion Ratio Lower Upper

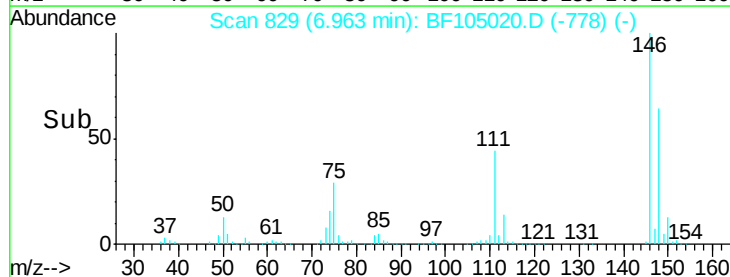
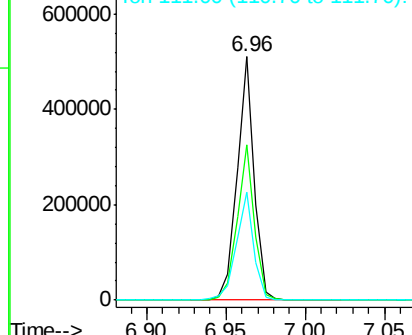
146 100

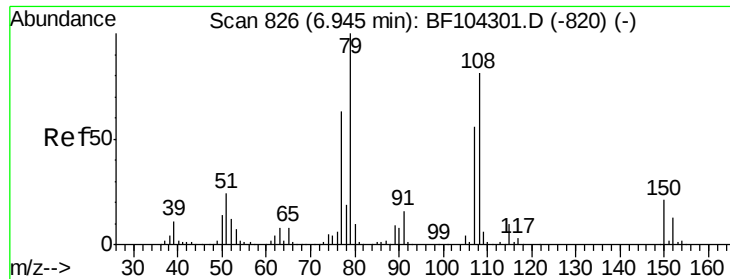
148 63.7 50.6 75.8

111 44.3 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 36.463 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Instrument :
BNA_F
ClientSampled :

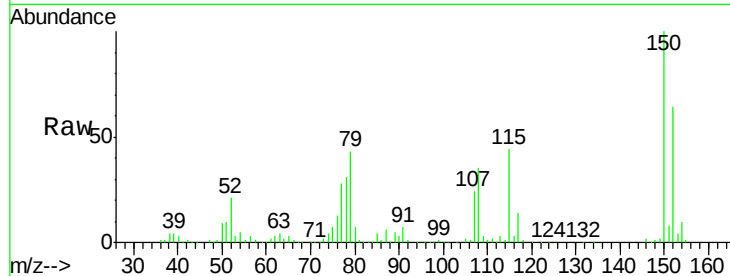
Tot Ion: 79 Resp: 284184

Ion Ratio Lower Upper

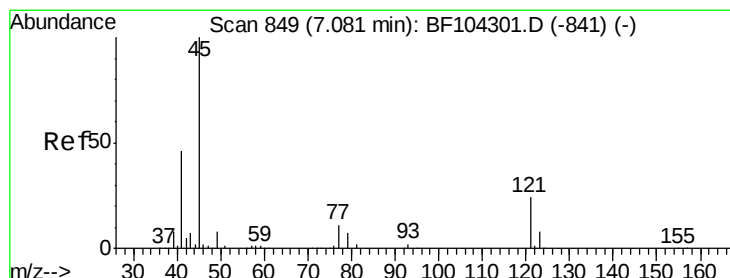
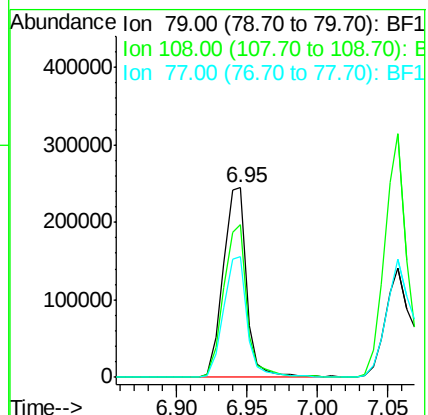
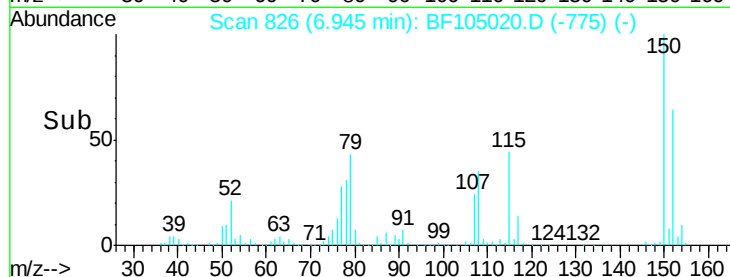
79 100

108 80.8 65.1 97.7

77 63.8 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: 33.709 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

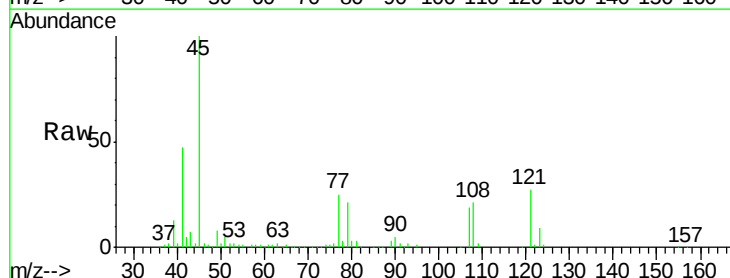
Tgt Ion: 45 Resp: 393316

Ion Ratio Lower Upper

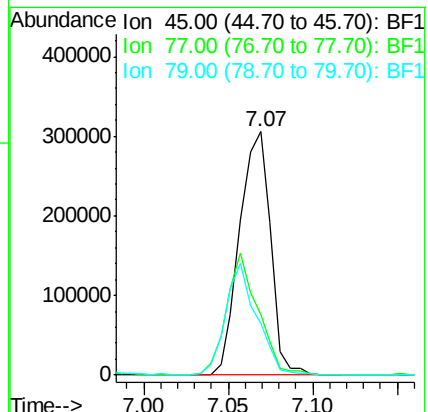
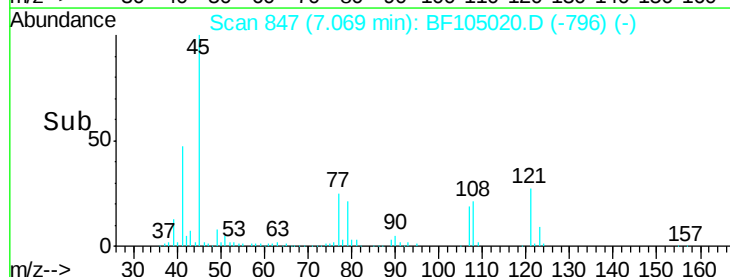
45 100

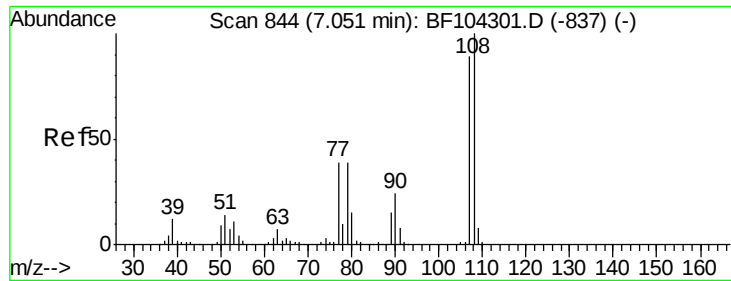
77 24.8 0.0 32.9

79 21.0 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

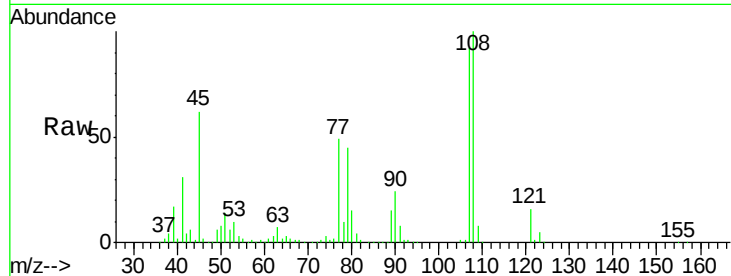




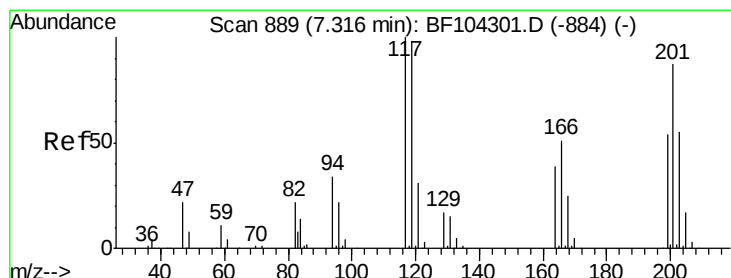
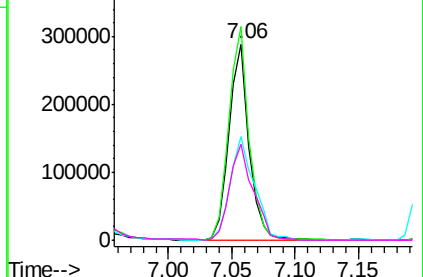
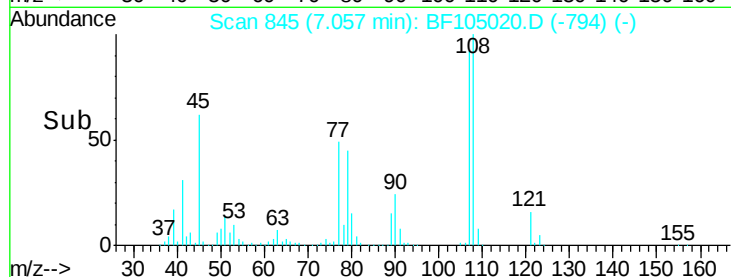
#17
2-Methylphenol
Concen: 40.961 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 313853
Ion Ratio Lower Upper
107 100
108 108.8 91.7 137.5
77 53.0 33.8 50.8#
79 48.8 33.8 50.8

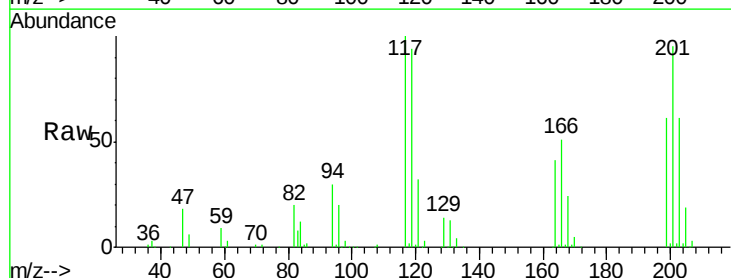


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

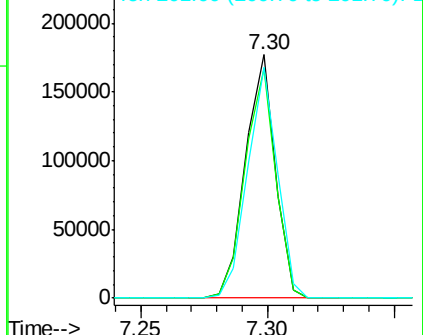
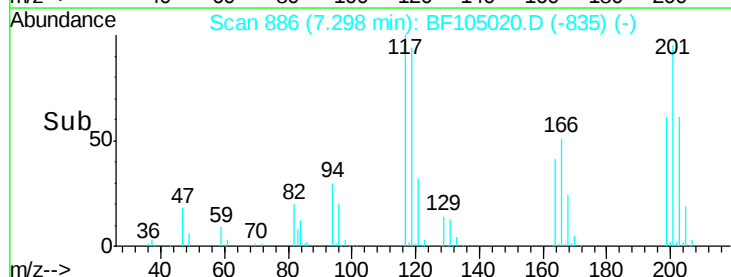


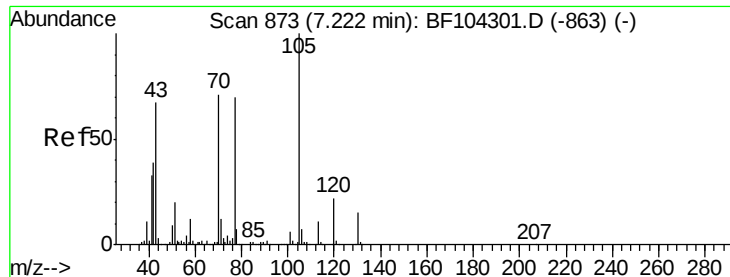
#18
Hexachloroethane
Concen: 40.873 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Tgt Ion:117 Resp: 145066
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.8
201 94.5 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

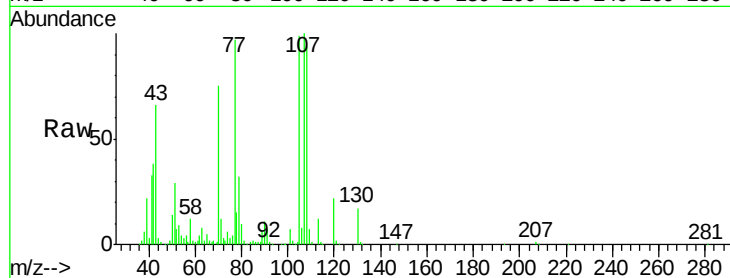




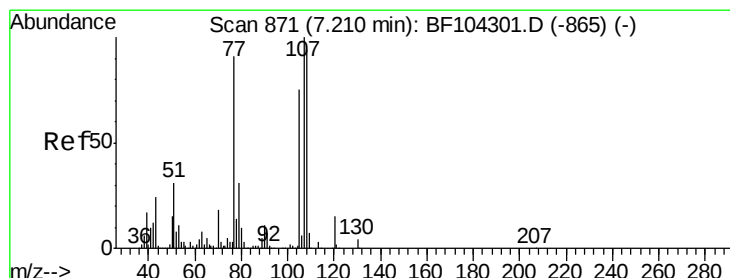
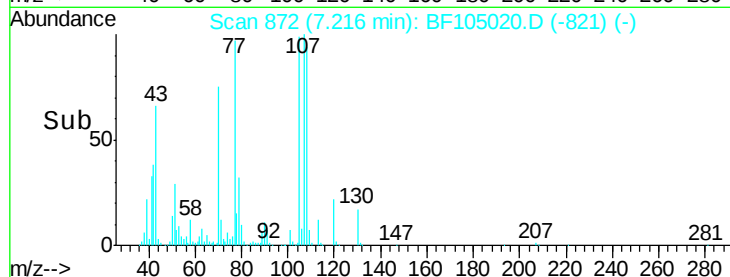
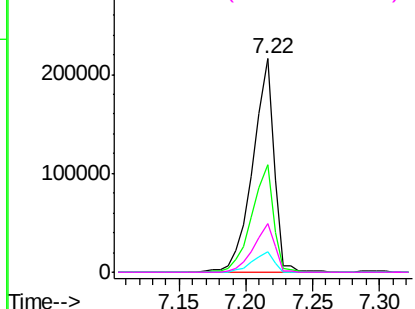
#19
n-Nitroso-di-n-propylamine
Concen: 35.126 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 235533
Ion Ratio Lower Upper
70 100
42 50.6 47.5 71.3
101 9.4 7.4 11.2
130 22.9 16.6 25.0

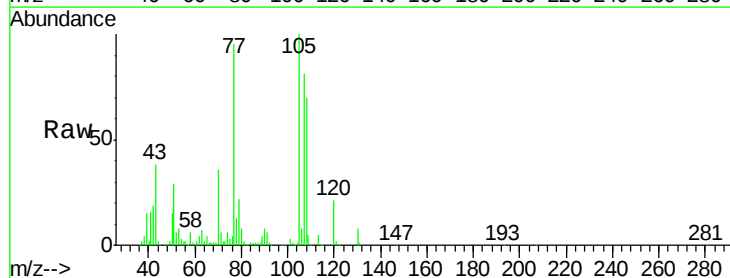


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

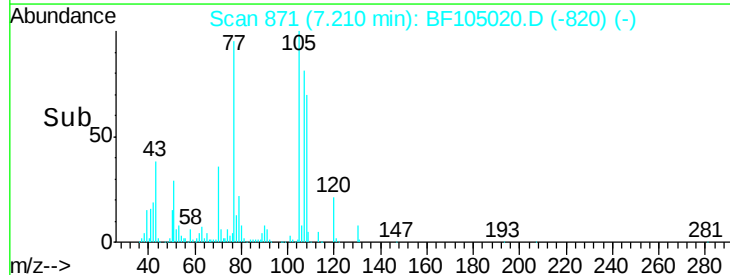
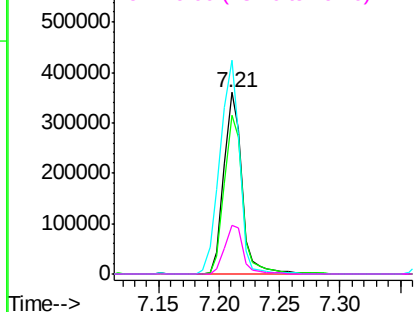


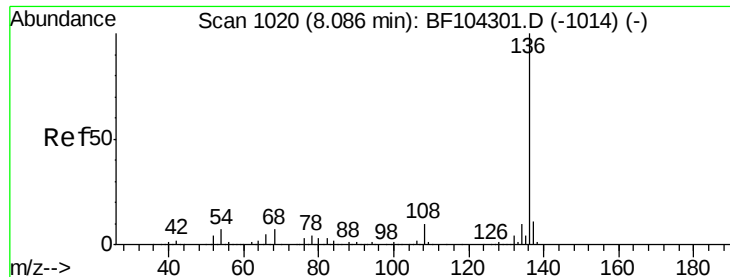
#20
3+4-Methylphenols
Concen: 39.005 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Tgt Ion:107 Resp: 370663
Ion Ratio Lower Upper
107 100
108 87.2 68.2 108.2
77 117.7 26.7 66.7#
79 27.2 6.3 46.3



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
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: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 550644

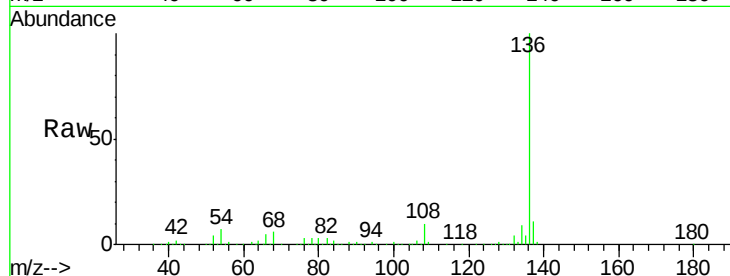
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.6 6.6 9.8

68 5.8 5.0 7.4

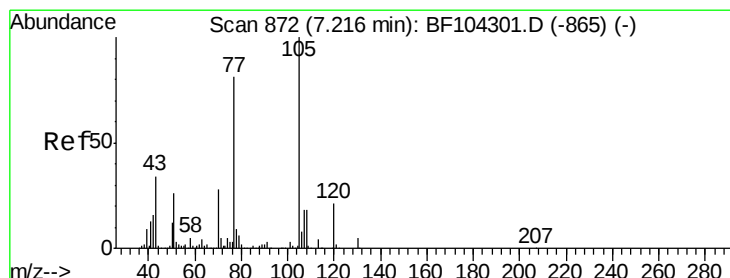
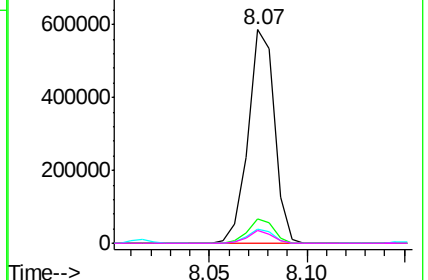
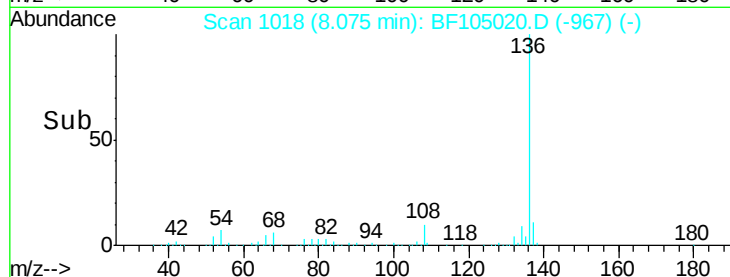


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.743 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Tgt Ion:105 Resp: 511661

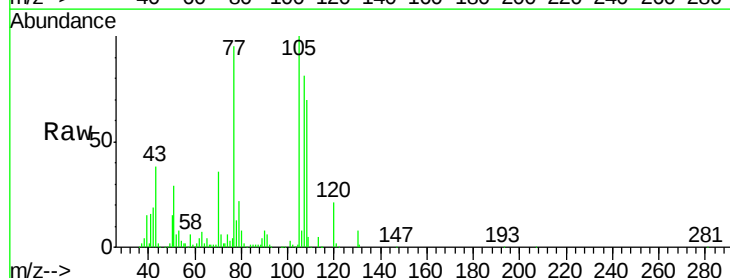
Ion Ratio Lower Upper

105 100

71 5.9 4.4 6.6

51 29.4 22.3 33.5

120 21.3 16.9 25.3

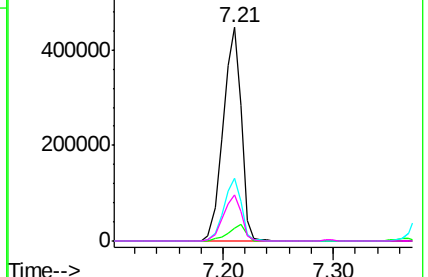
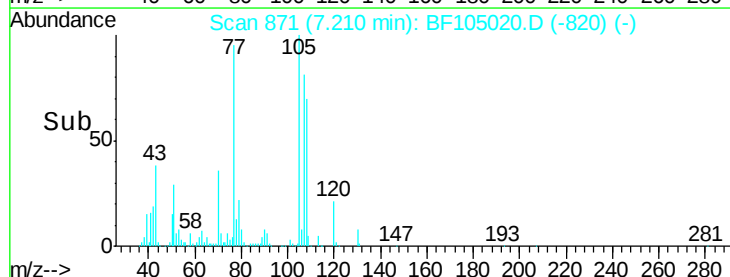


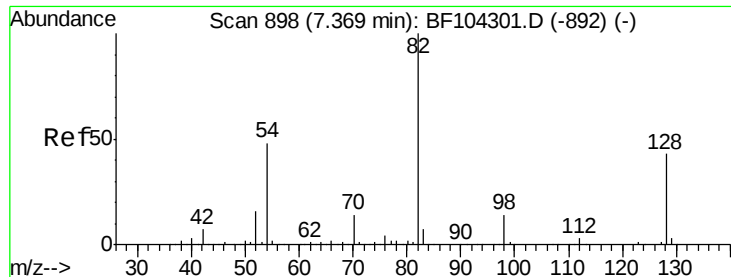
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

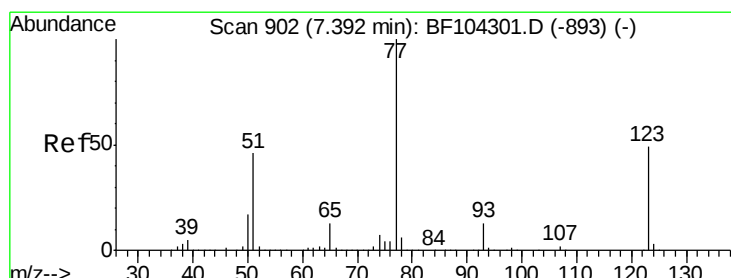
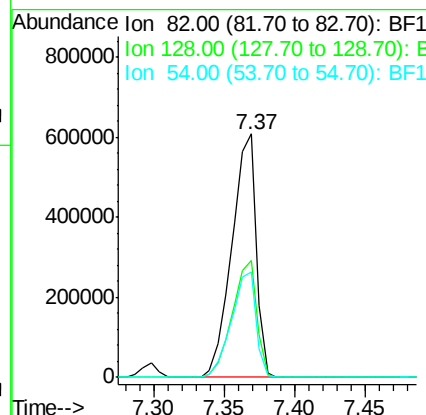
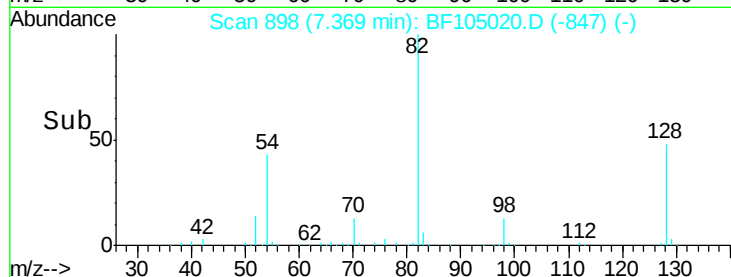
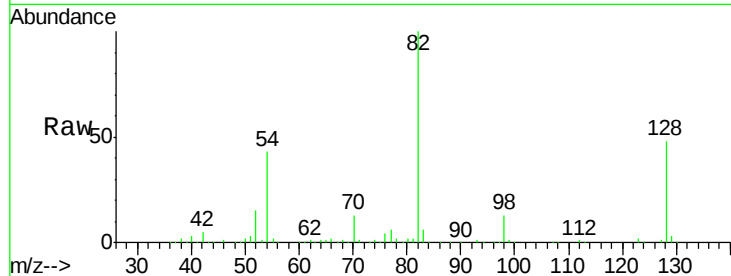




#23
Nitrobenzene-d5
Concen: 86.474 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

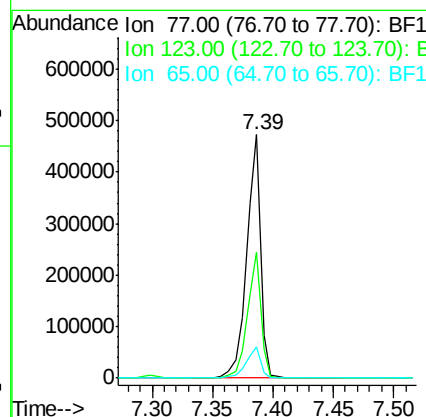
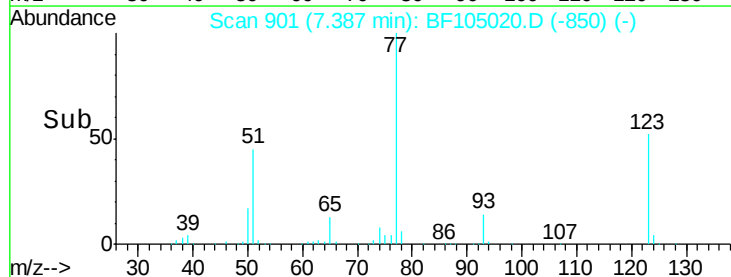
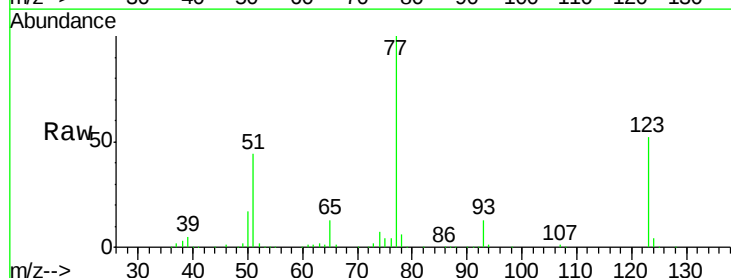
Instrument :
BNA_F
ClientSampled :

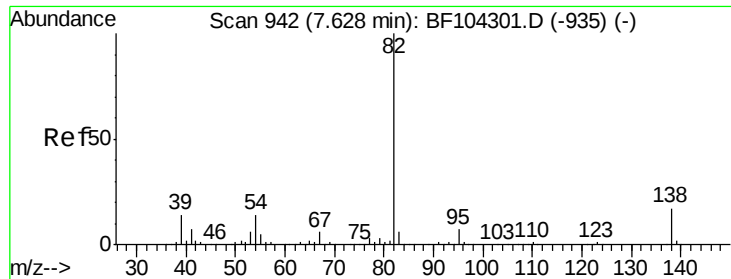
Tot Ion	82	Resp	729214
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	43.0	41.4	62.2



#24
Nitrobenzene
Concen: 40.728 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Tgt Ion	77	Resp	379194
Ion Ratio	100		
Lower	37.9		
Upper	56.9		
123	51.8	11.0	16.4
65	12.9		





#25

Isophorone

Concen: 37.516 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Instrument :

BNA_F

ClientSampleId :

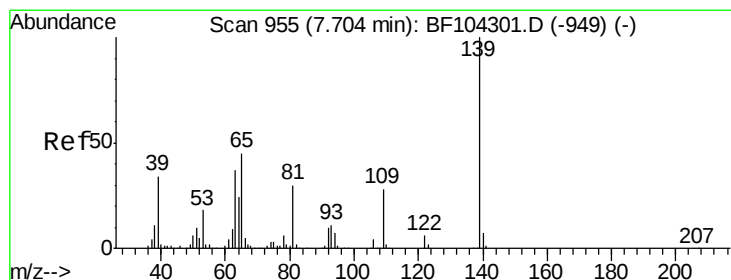
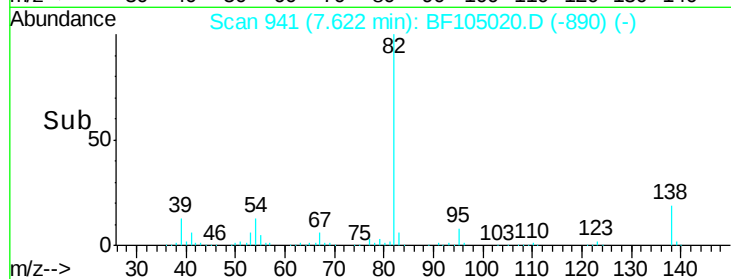
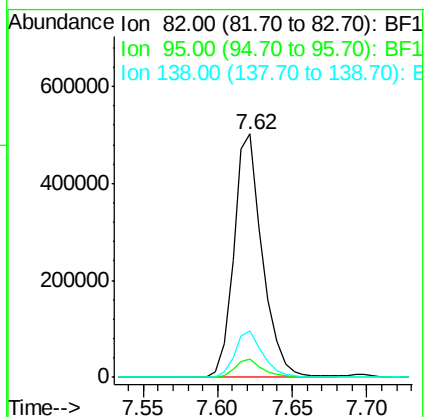
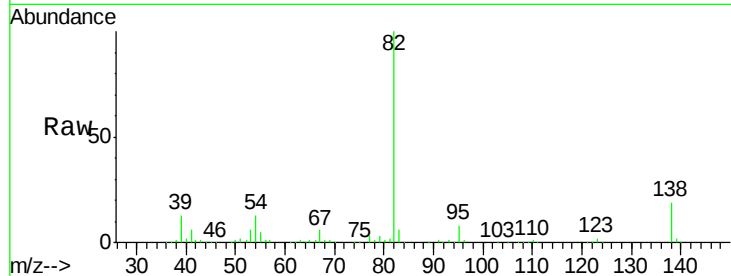
Tot Ion: 82 Resp: 668988

Ion Ratio Lower Upper

82 100

95 7.6 5.2 7.8

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 54.819 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

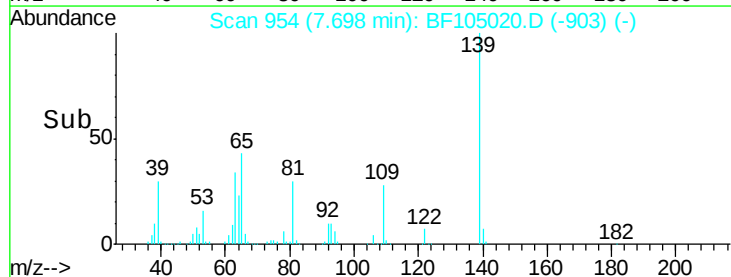
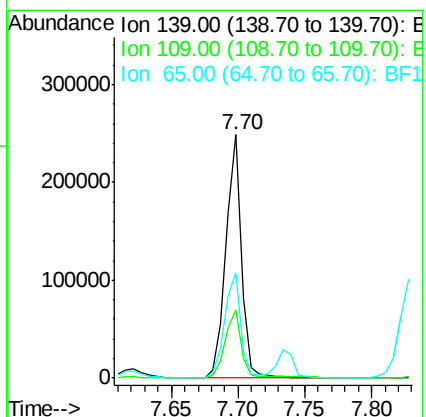
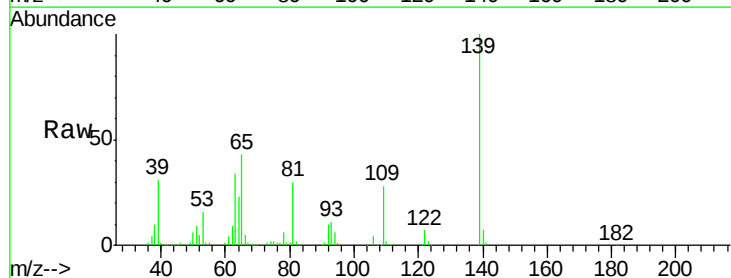
Tgt Ion: 139 Resp: 207778

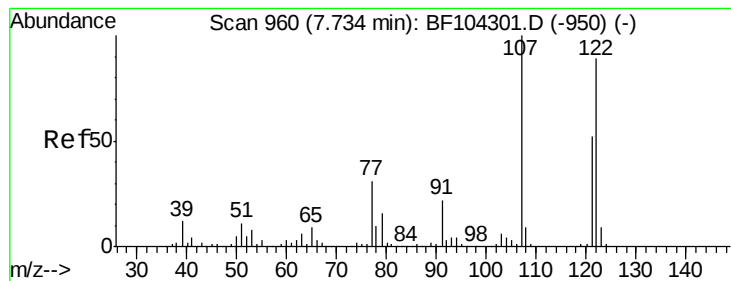
Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

65 43.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.407 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Instrument :

BNA_F

ClientSampleId :

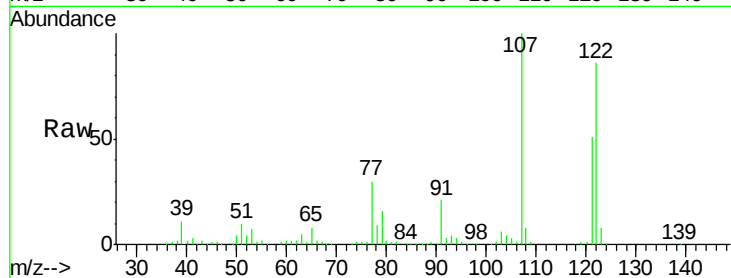
Tot Ion:122 Resp: 286525

Ion Ratio Lower Upper

122 100

107 115.6 91.2 136.8

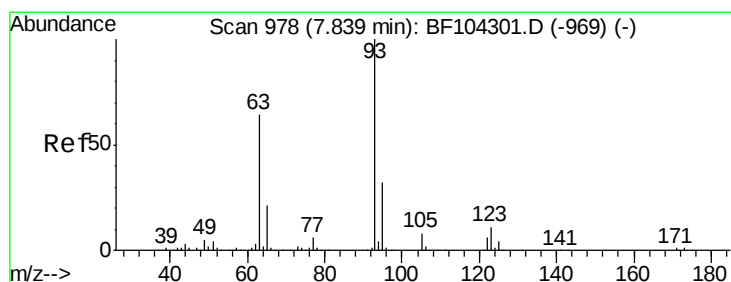
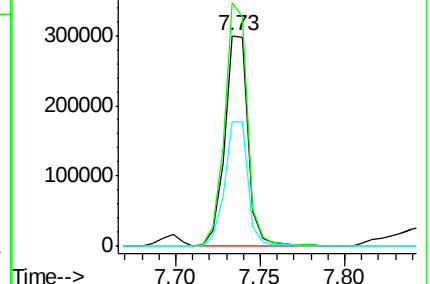
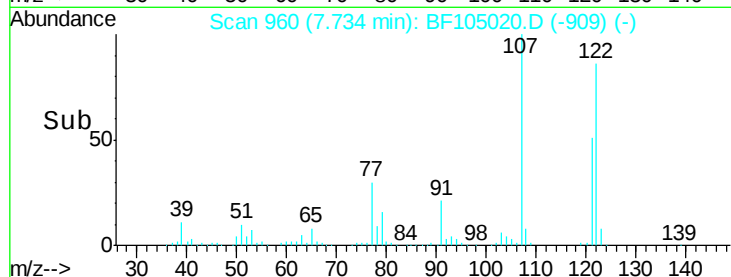
121 59.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.779 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

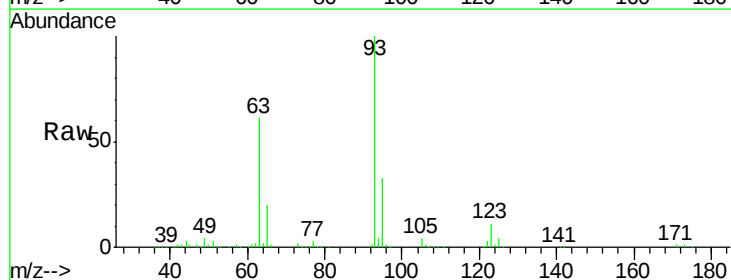
Tgt Ion: 93 Resp: 411896

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

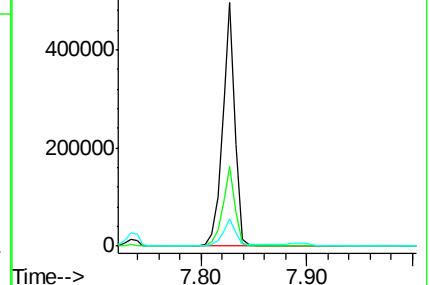
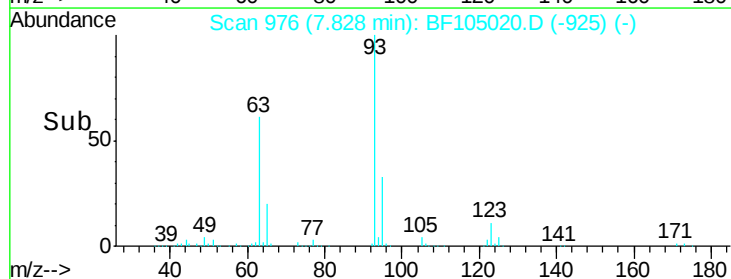
123 11.4 9.8 14.6

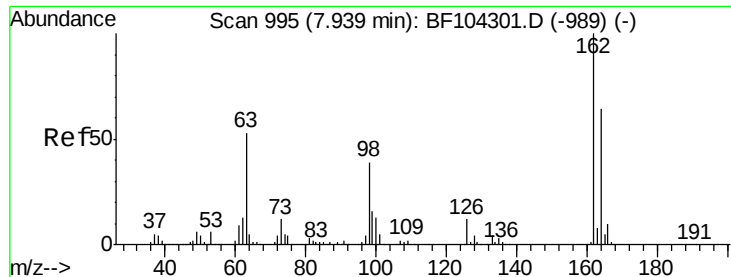


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

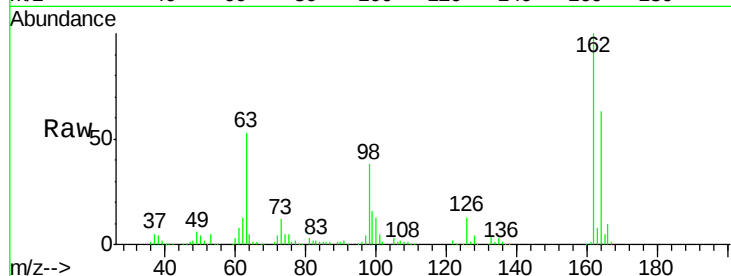




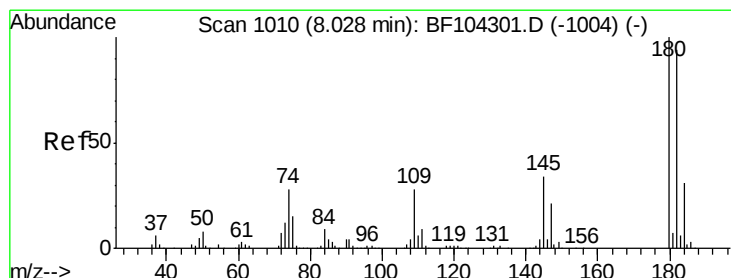
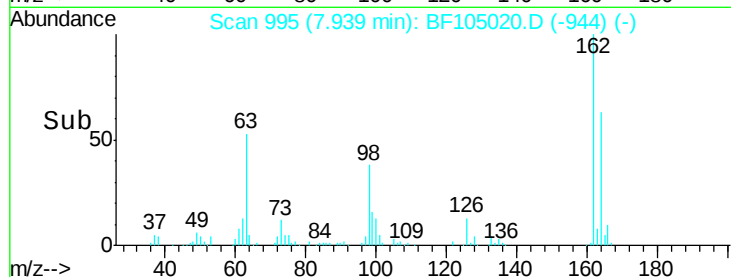
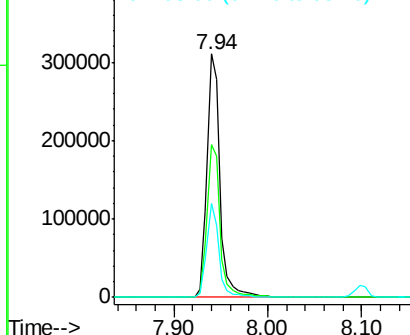
#29
2,4-Dichlorophenol
Concen: 40.529 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.7	82.7
98	38.5	18.1	58.1

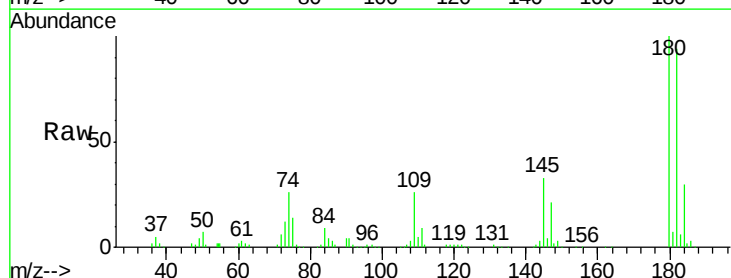


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

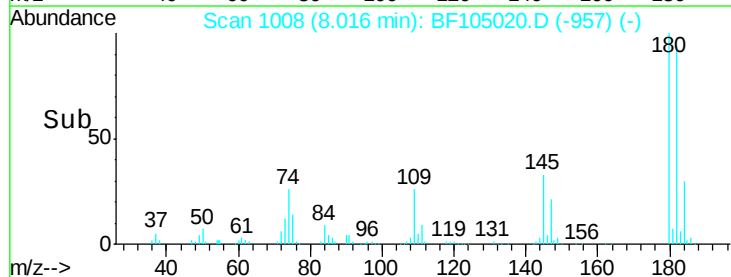
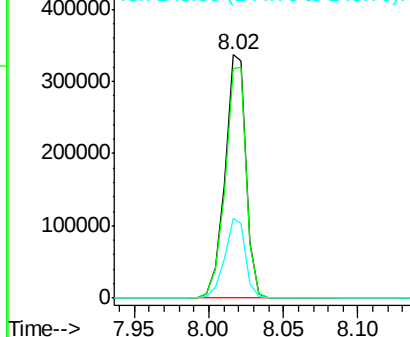


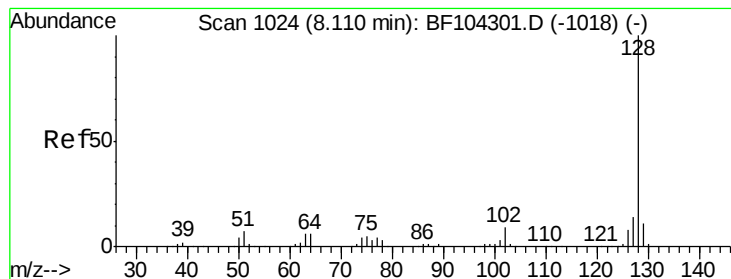
#30
1,2,4-Trichlorobenzene
Concen: 40.926 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.8	115.2
145	32.7	26.5	39.7



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





#31

Naphthalene

Concen: 38.697 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Instrument :

BNA_F

ClientSampleId :

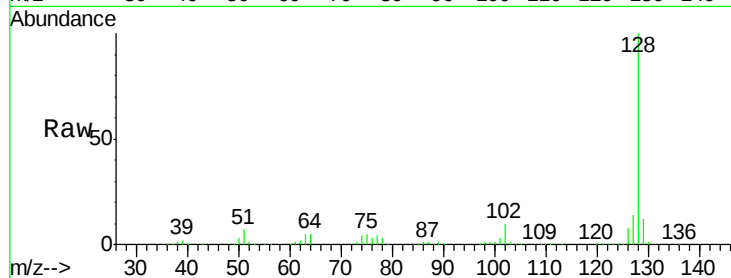
Tot Ion:128 Resp: 1061031

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

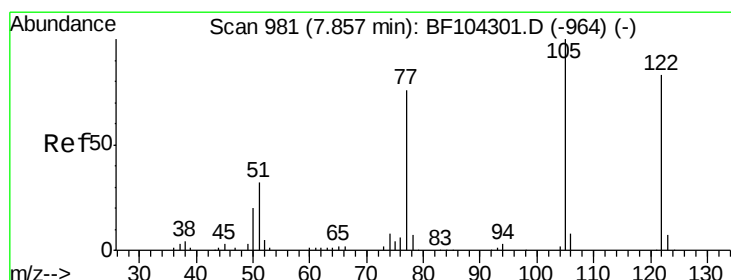
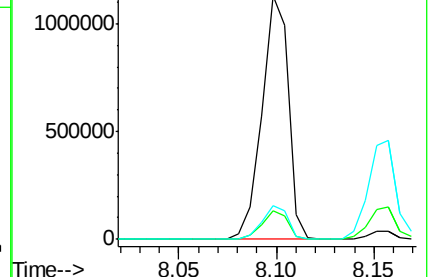
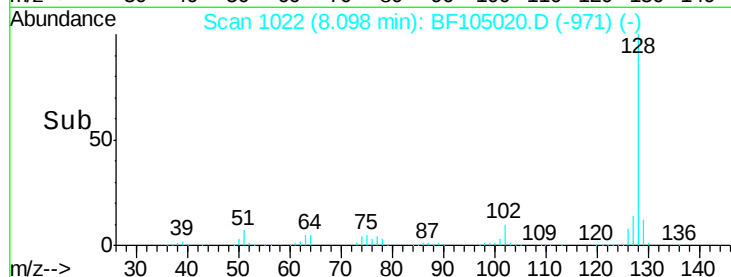
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.480 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

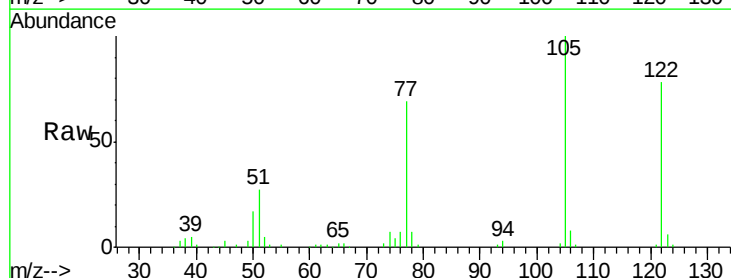
Tgt Ion:122 Resp: 222789

Ion Ratio Lower Upper

122 100

105 128.3 101.1 141.1

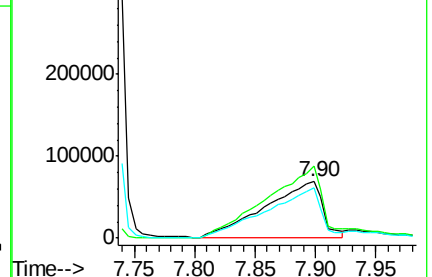
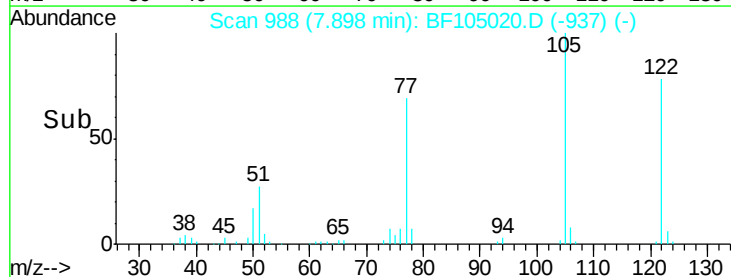
77 88.8 70.7 110.7

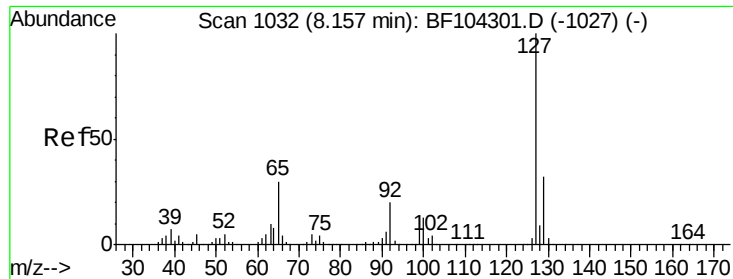


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

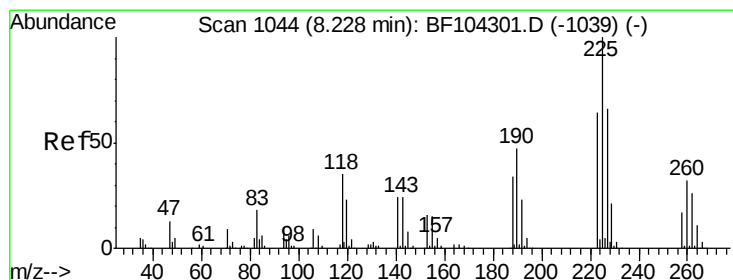
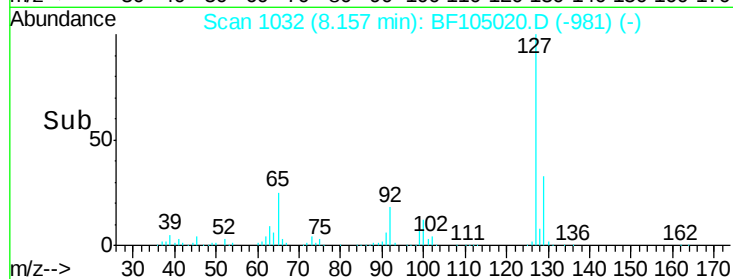
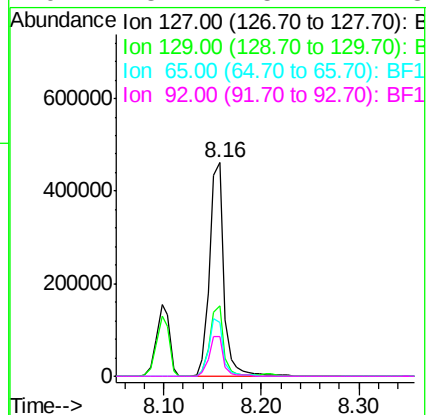
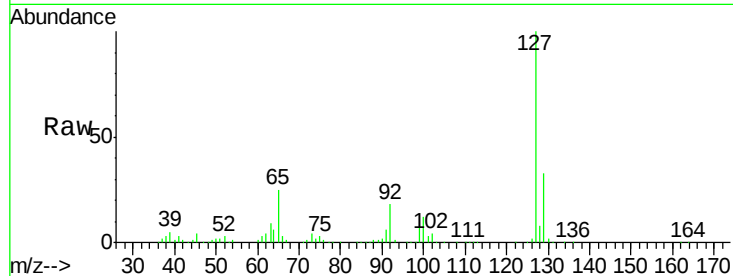




#33
4-Chloroaniline
Concen: 39.939 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

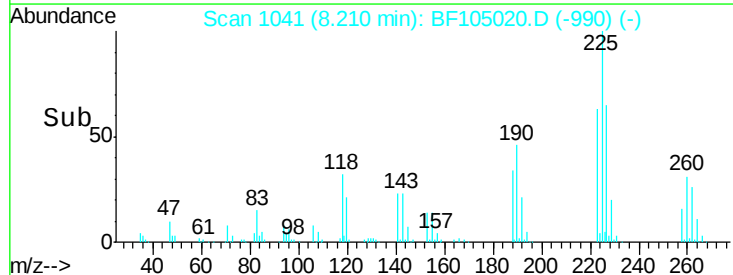
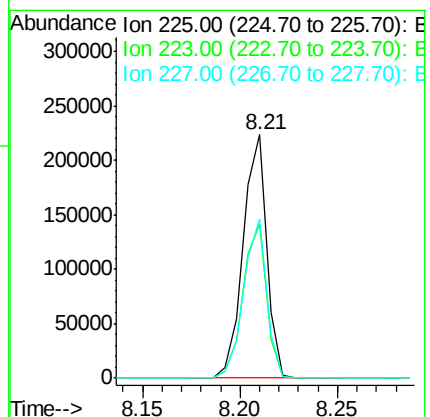
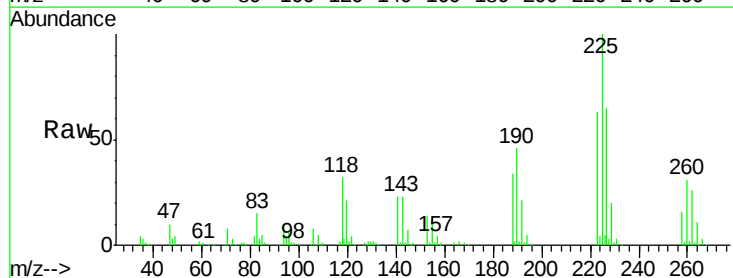
Instrument :
BNA_F
ClientSampleId :

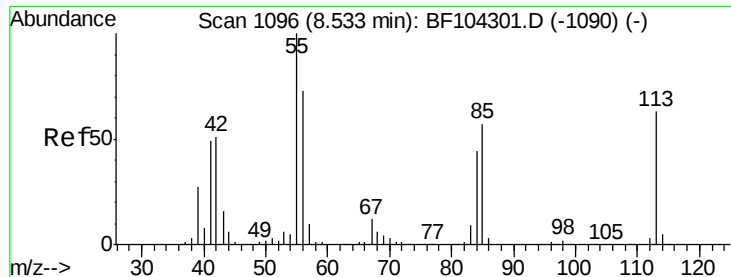
Tot Ion:	127	Resp:	469156
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	25.5	25.0	37.4
92	18.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.567 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Tgt Ion:	225	Resp:	187628
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	65.2	51.9	77.9

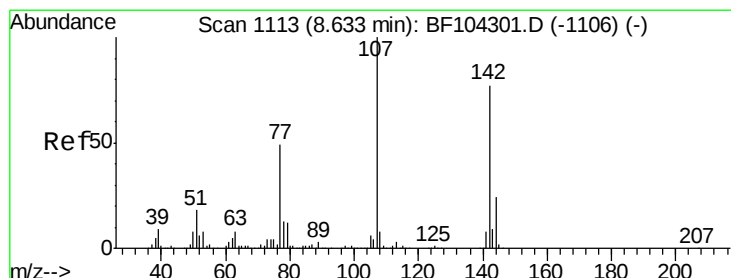
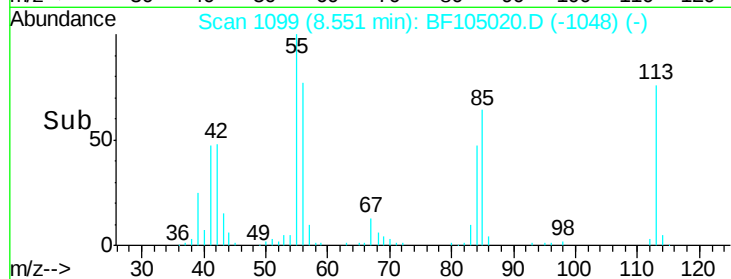
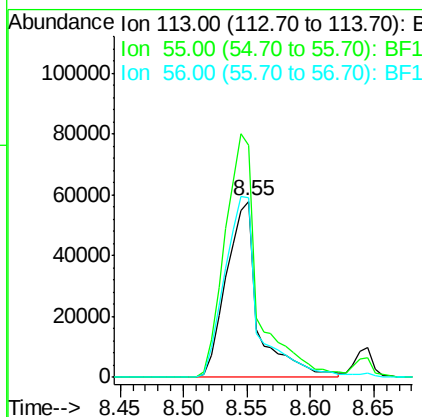
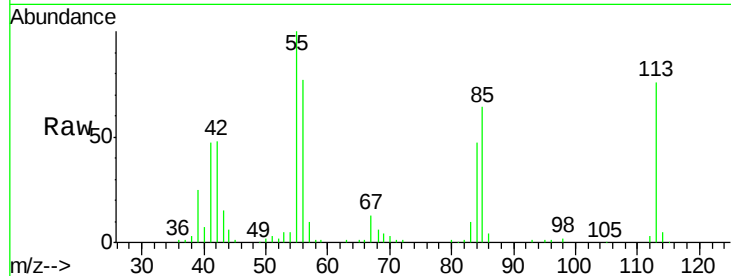




#35
 Caprolactam
 Concen: 38.858 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

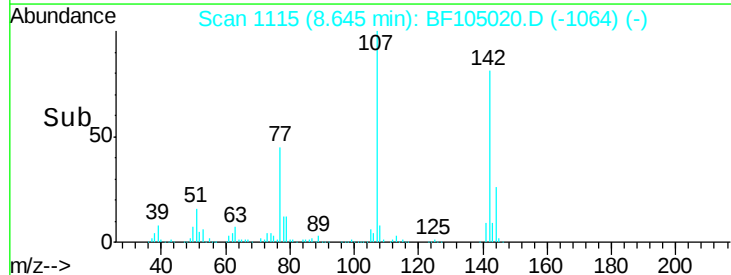
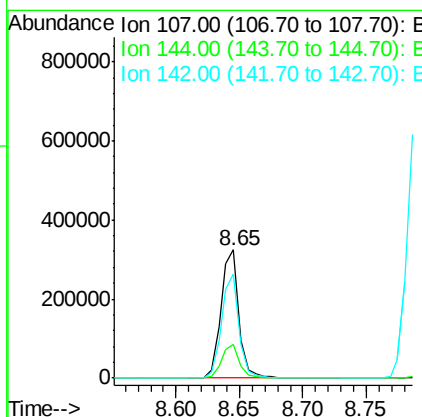
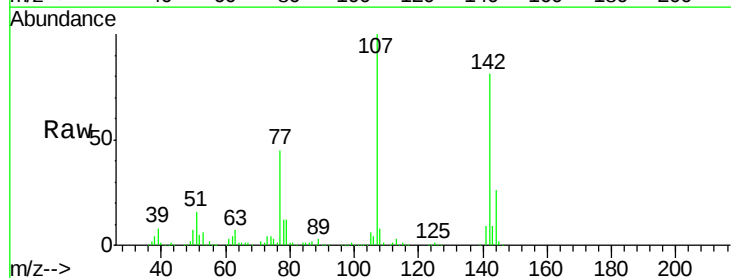
Instrument :
 BNA_F
 ClientSampled :

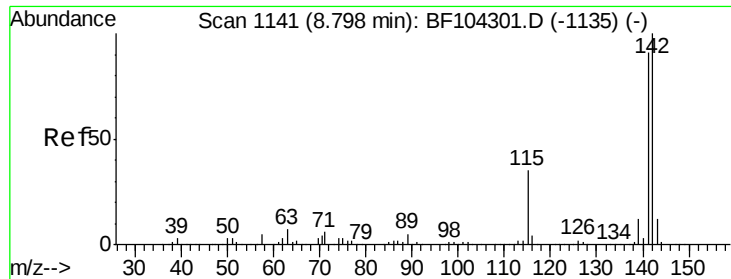
Tot Ion:113 Resp: 101790
 Ion Ratio Lower Upper
 113 100
 55 131.5 163.3 203.3#
 56 101.8 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.930 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

Tgt Ion:107 Resp: 321505
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 81.1 62.0 93.0

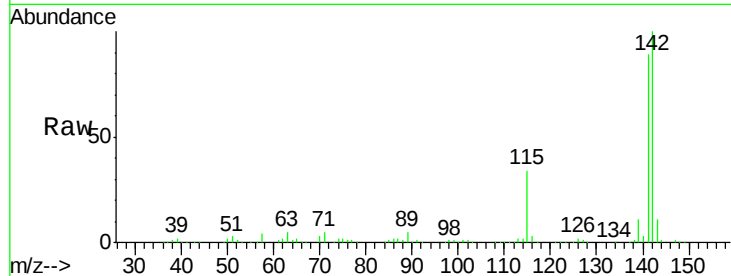




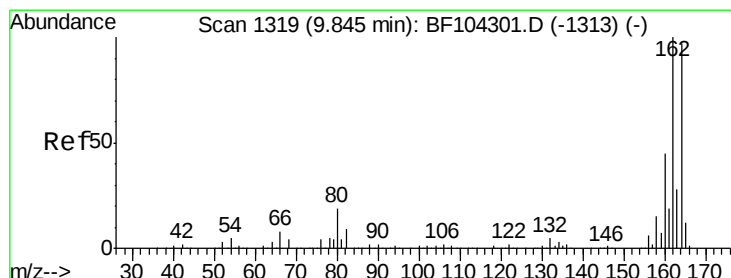
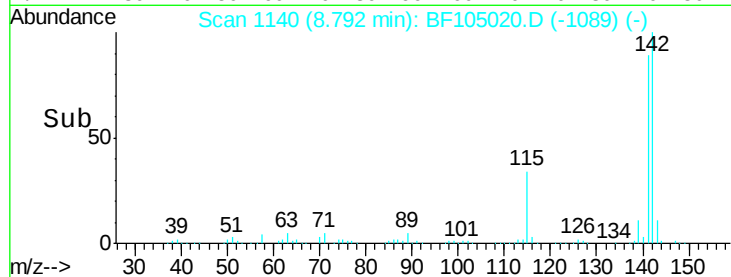
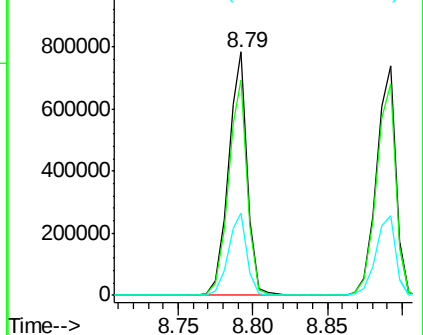
#37
 2-Methylnaphthalene
 Concen: 39.319 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 697367
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.8 106.2
 115 33.9 26.1 39.1

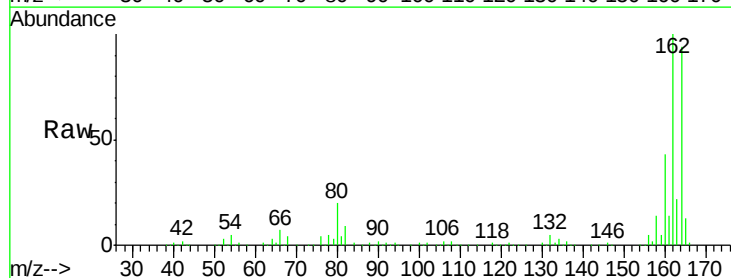


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

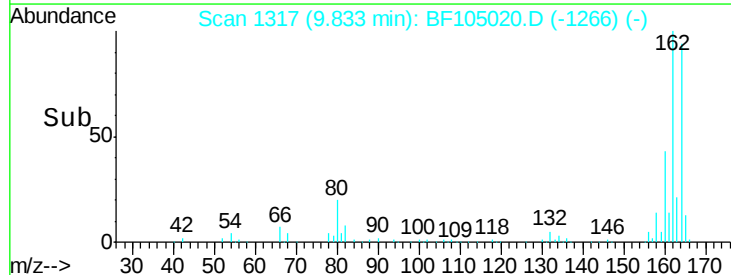
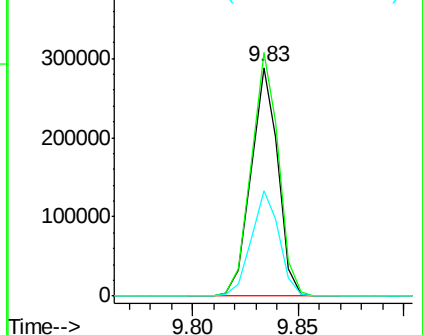


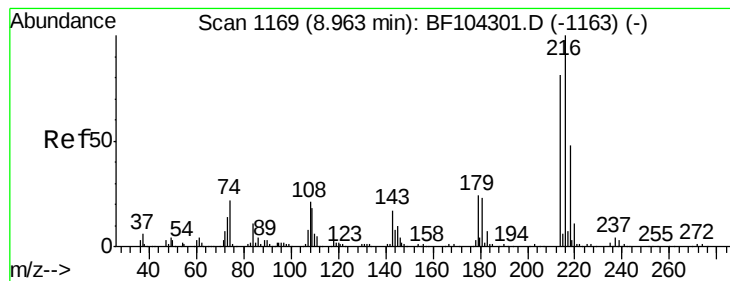
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

Tgt Ion:164 Resp: 255291
 Ion Ratio Lower Upper
 164 100
 162 106.5 86.1 129.1
 160 46.3 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.628 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 311518

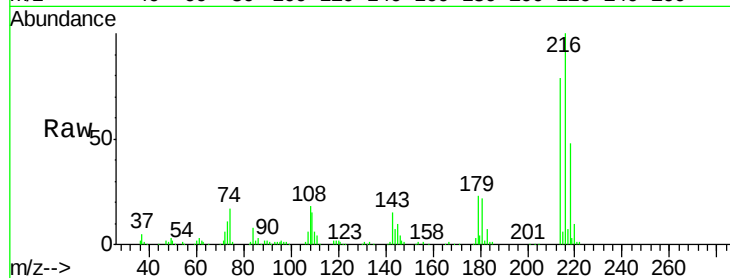
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 22.9 18.1 27.1

108 19.8 17.2 25.8

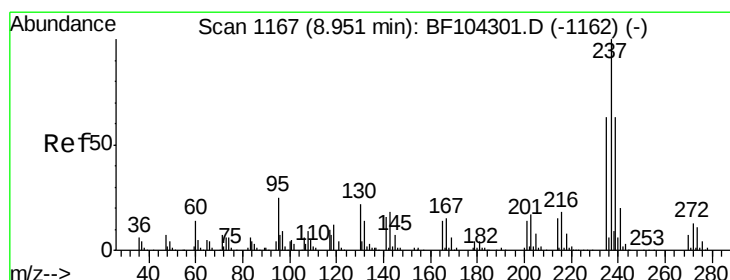
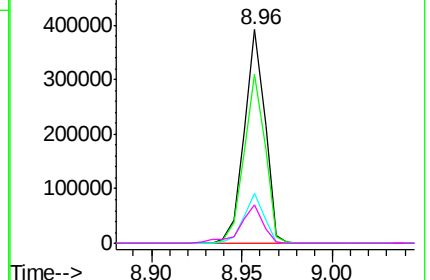
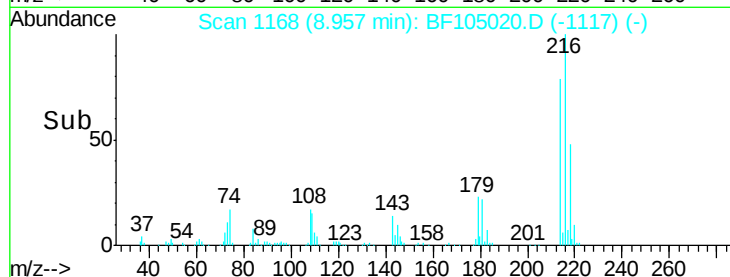


Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.548 ng

RT: 8.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

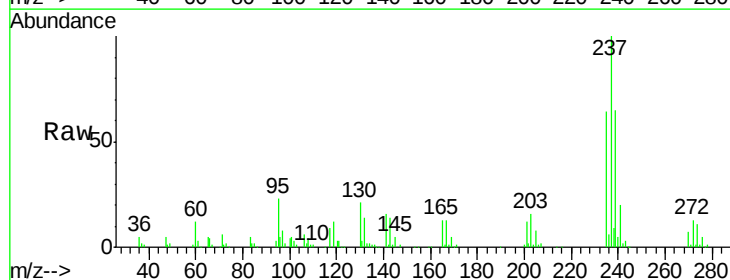
Tgt Ion:237 Resp: 174074

Ion Ratio Lower Upper

237 100

235 63.6 44.8 84.8

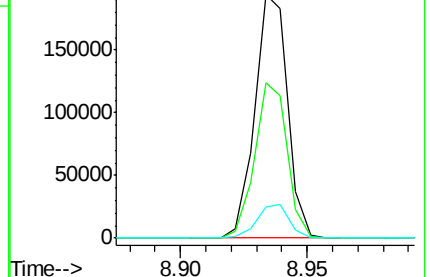
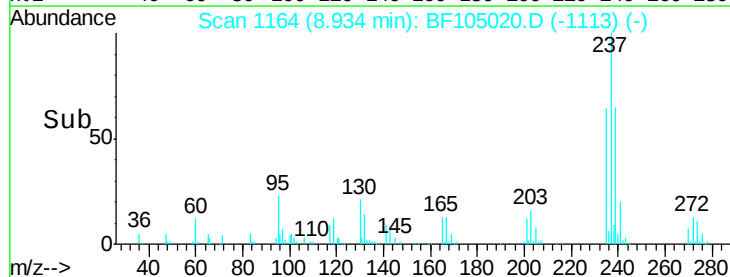
272 12.8 0.0 33.3

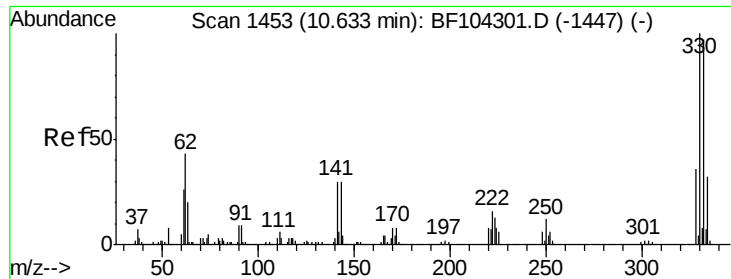


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

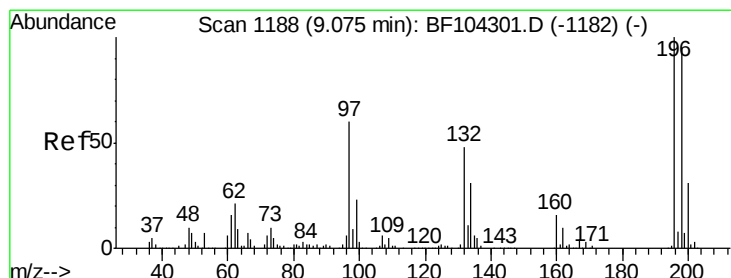
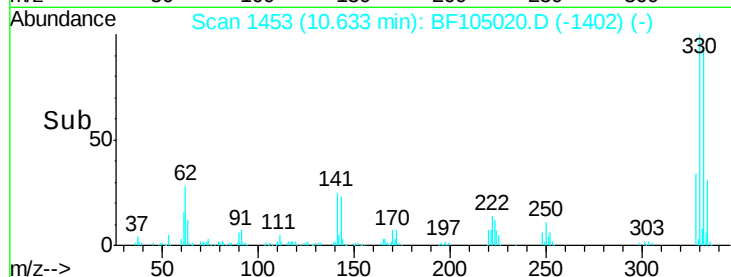
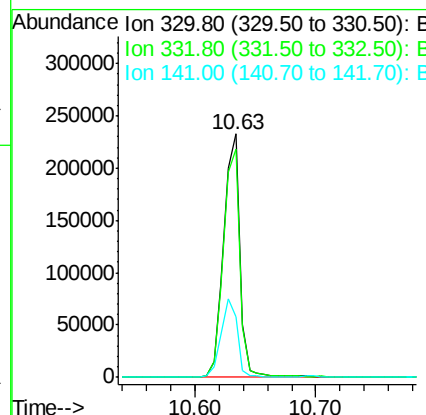
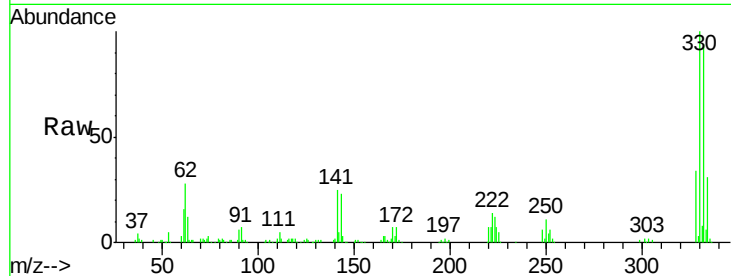




#41
 2,4,6-Tribromophenol
 Concen: 81.511 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

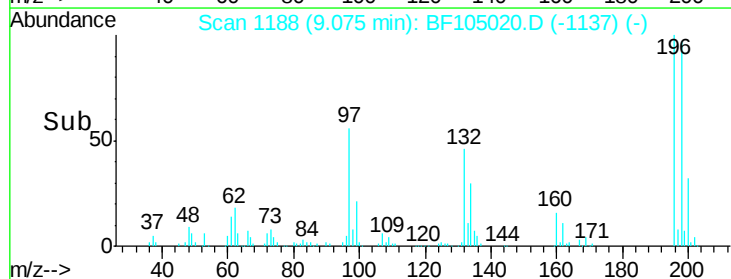
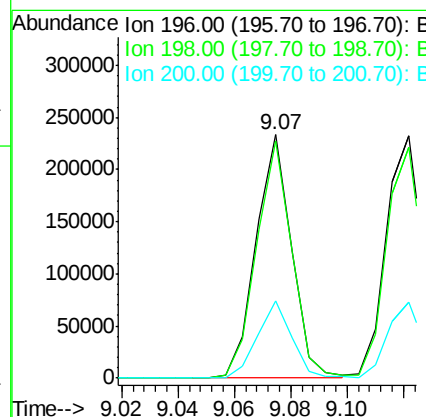
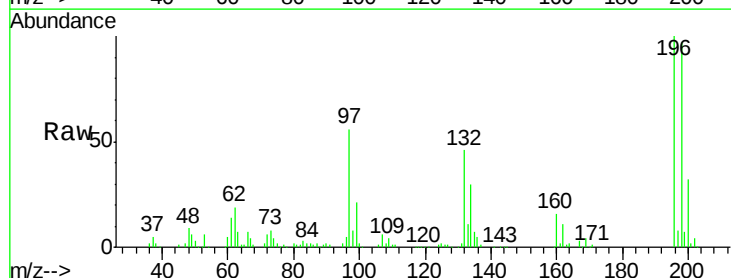
Instrument :
 BNA_F
 ClientSampleId :

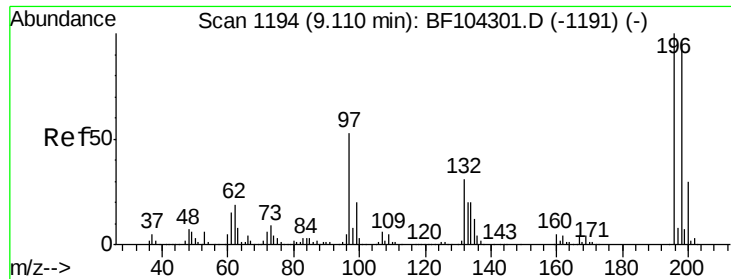
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.1	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.201 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.7	113.5
200	31.5	24.5	36.7

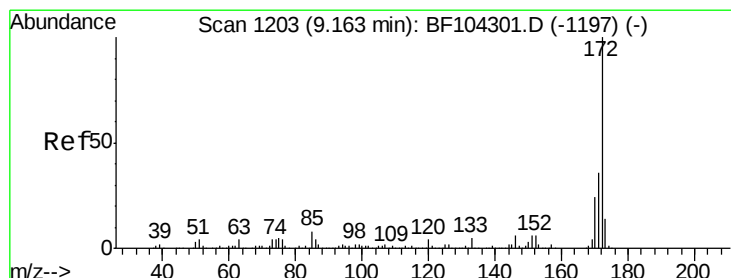
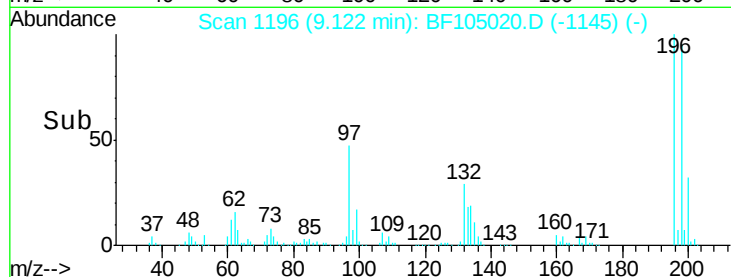
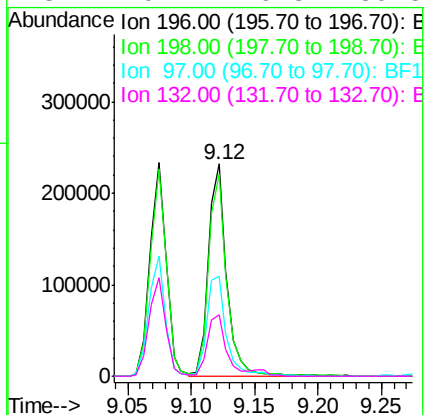
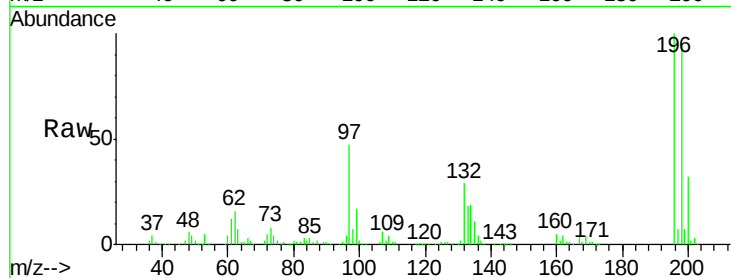




#43
 2,4,5-Trichlorophenol
 Concen: 41.203 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

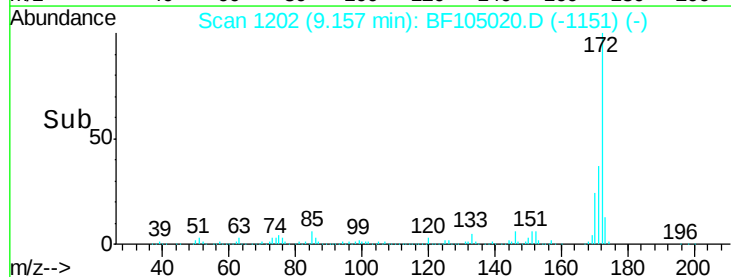
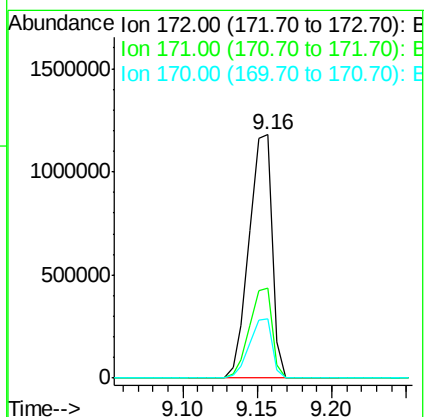
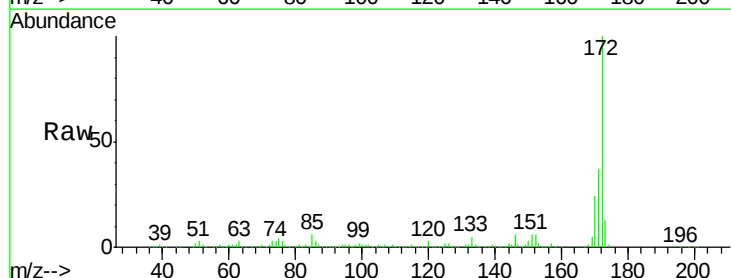
Instrument :
 BNA_F
 ClientSampleId :

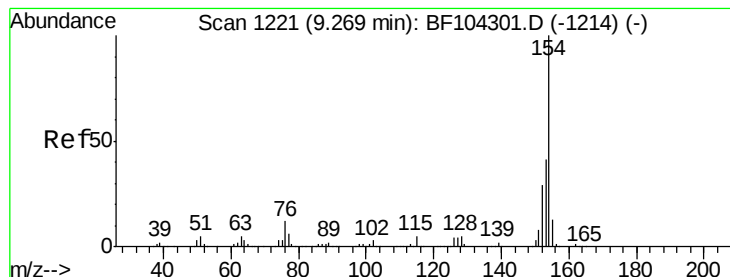
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		233908		
198	95.3	74.6	112.0		
97	46.9	42.9	64.3		
132	29.1	26.3	39.5		



#44
 2-Fluorobiphenyl
 Concen: 77.752 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1256484		
171	36.7	29.7	44.5		
170	24.4	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 39.470 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Instrument :

BNA_F

ClientSampleId :

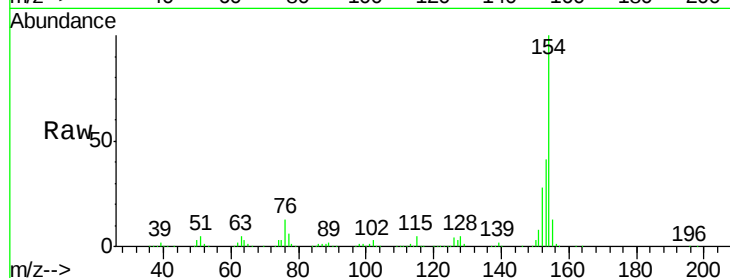
Tot Ion:154 Resp: 846484

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

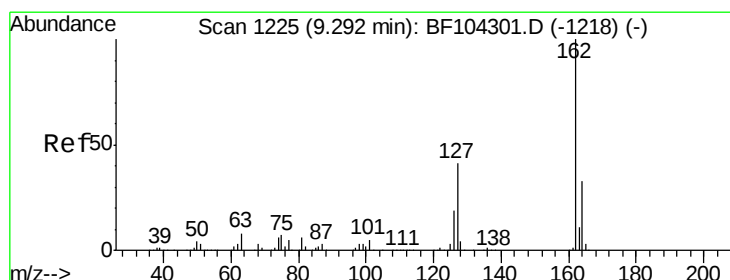
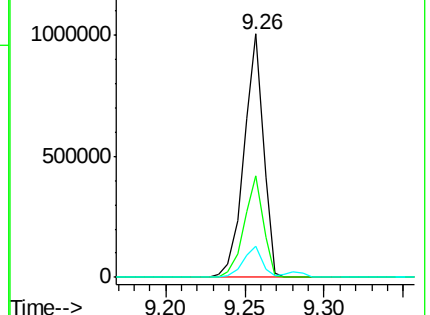
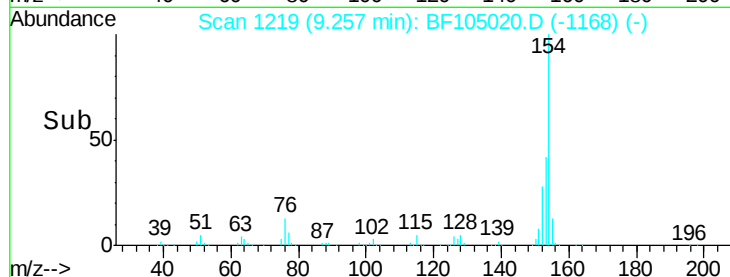
76 12.6 0.0 34.0



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: 39.962 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

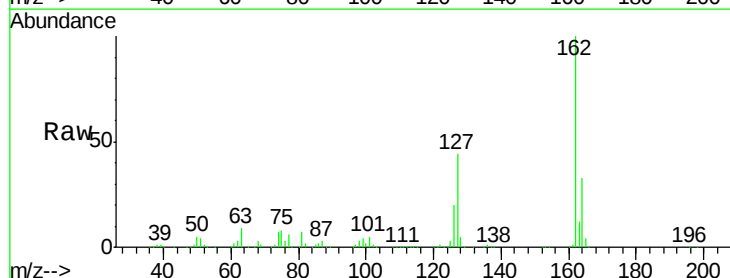
Tgt Ion:162 Resp: 676951

Ion Ratio Lower Upper

162 100

127 43.7 33.9 50.9

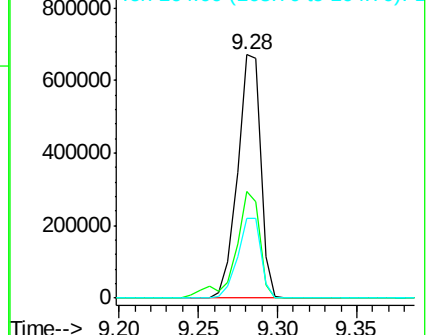
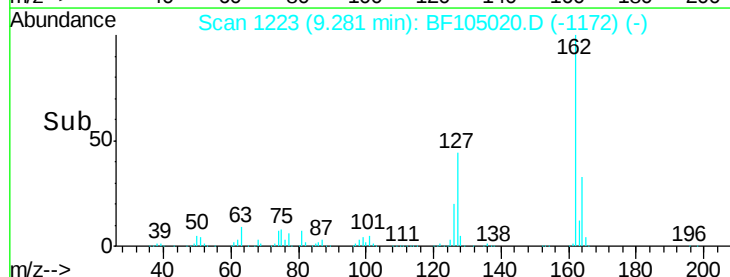
164 32.9 26.5 39.7

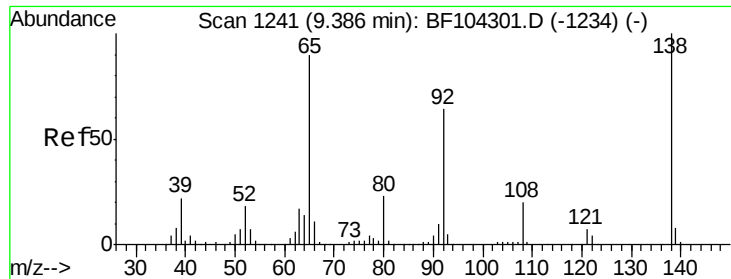


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

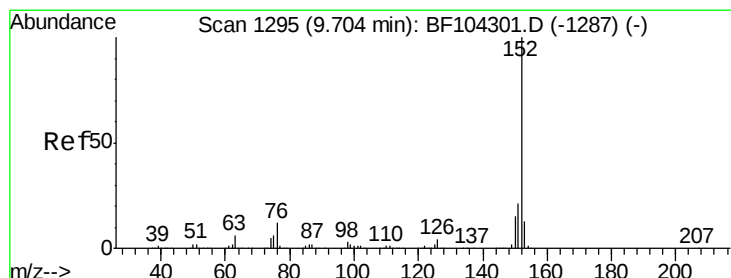
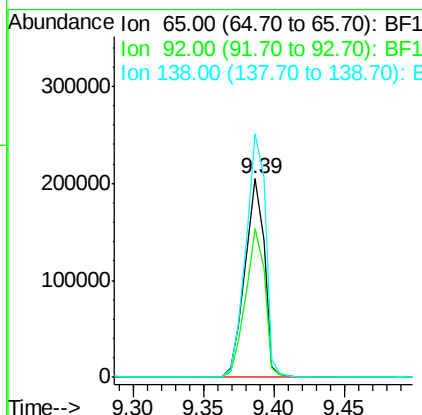
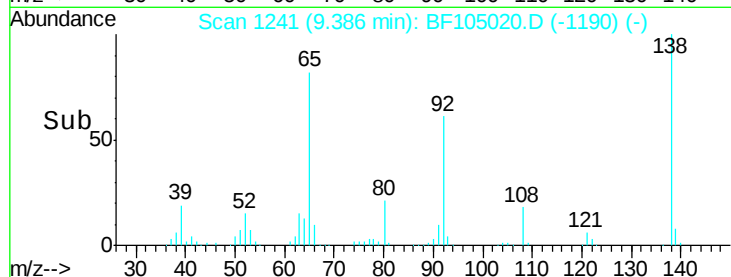
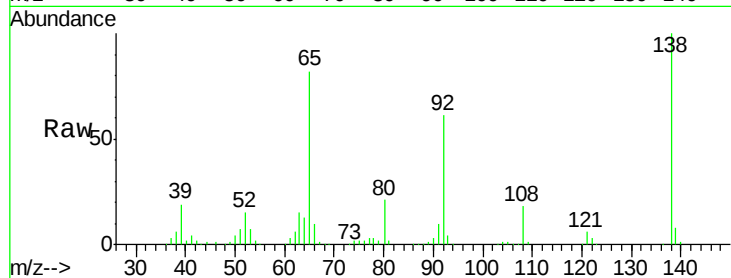




#47
 2-Nitroaniline
 Concen: 47.216 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

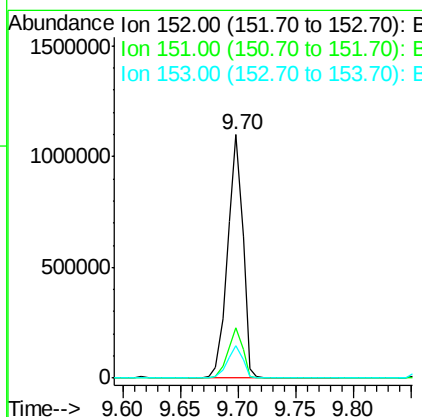
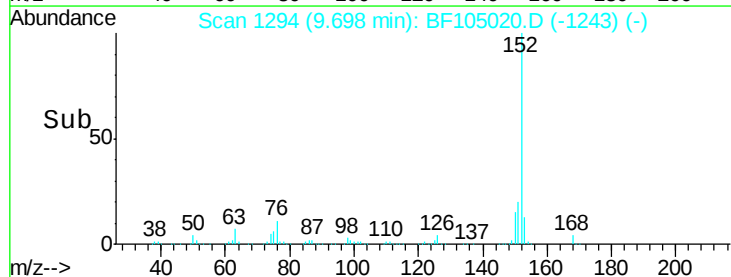
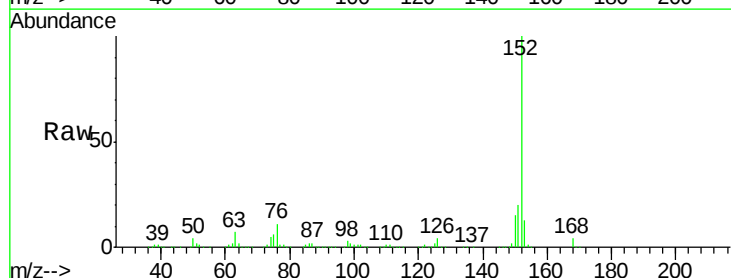
Instrument :
 BNA_F
 ClientSampleId :

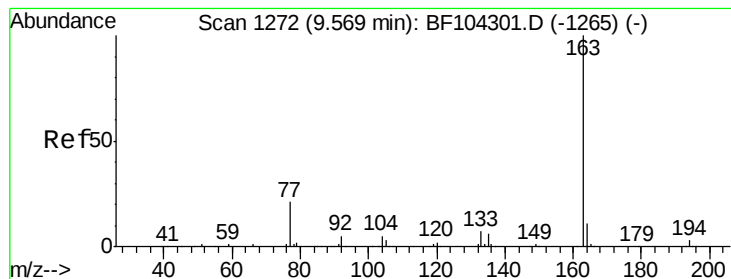
Tot Ion: 65 Resp: 197796
 Ion Ratio Lower Upper
 65 100
 92 75.0 55.8 83.6
 138 122.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 37.448 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

Tgt Ion: 152 Resp: 995291
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.3 24.5
 153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 40.501 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Instrument :

BNA_F

ClientSampled :

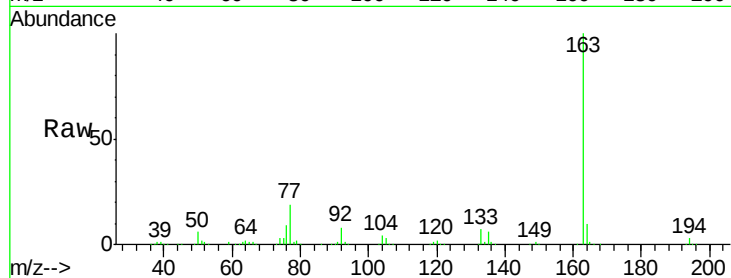
Tot Ion:163 Resp: 815351

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

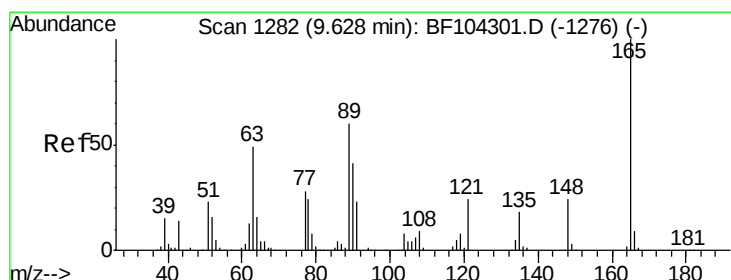
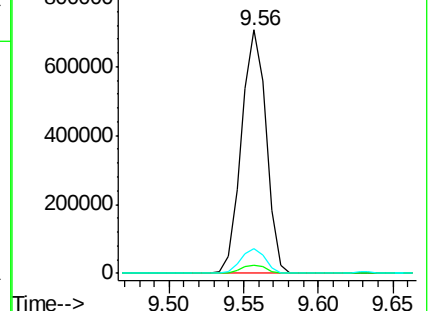
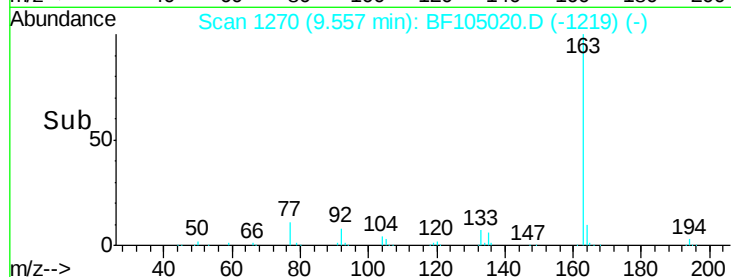
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.990 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

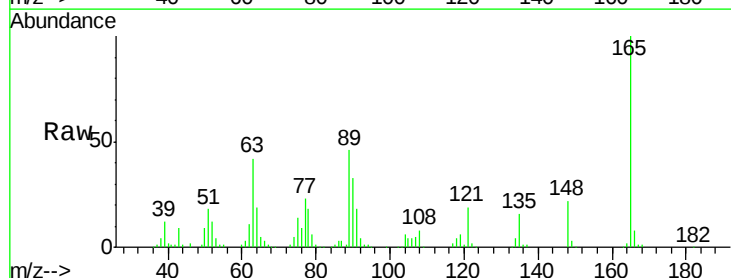
Tgt Ion:165 Resp: 175043

Ion Ratio Lower Upper

165 100

63 41.7 44.7 67.1#

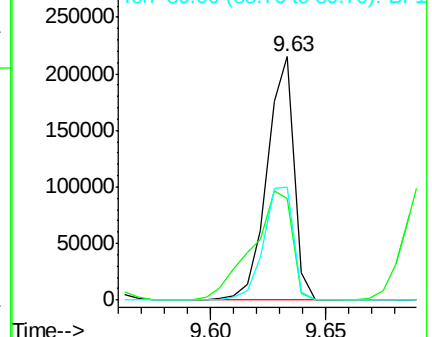
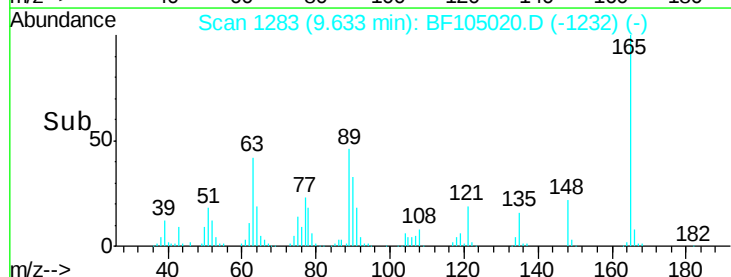
89 46.5 44.0 66.0

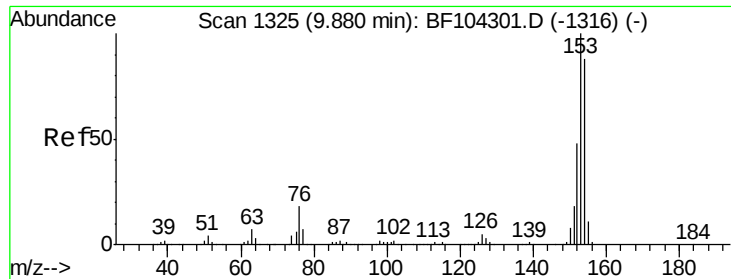


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.098 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Instrument :

BNA_F

ClientSampled :

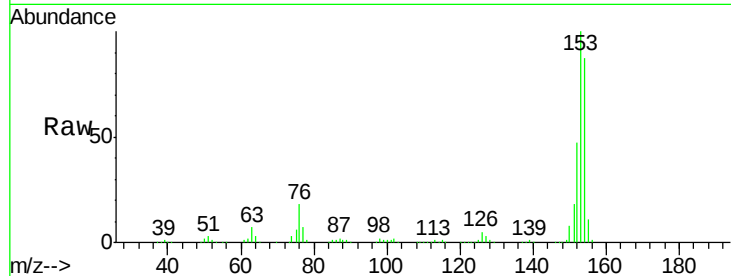
Tot Ion:154 Resp: 601589

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

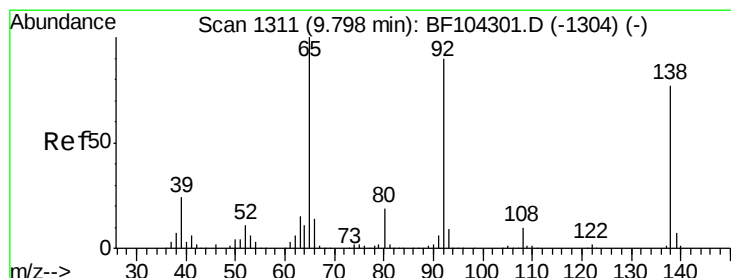
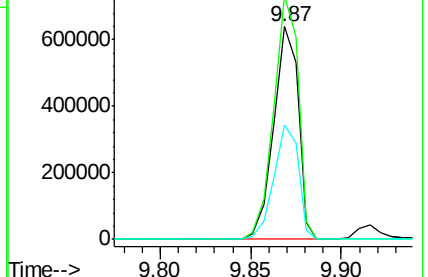
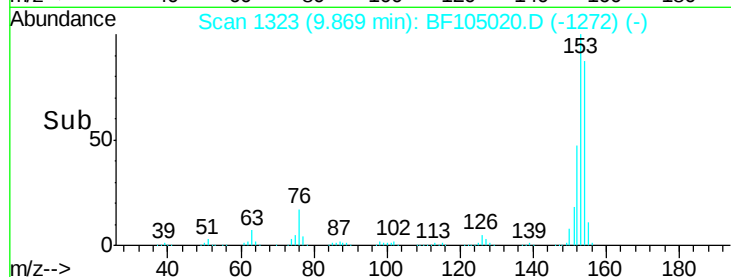
152 53.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.542 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

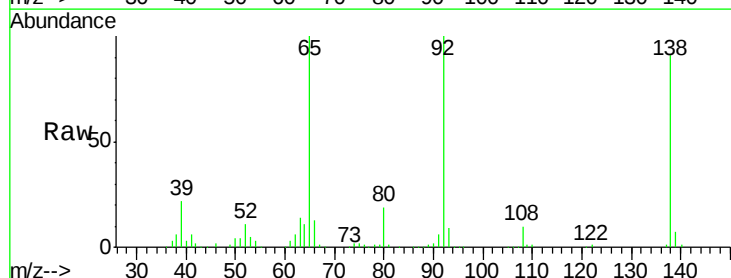
Tgt Ion:138 Resp: 202972

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

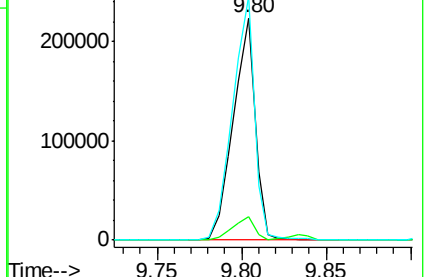
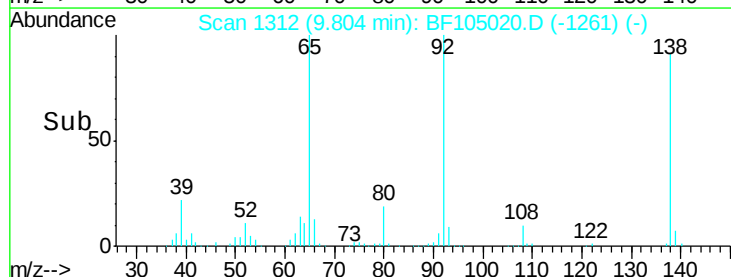
92 109.5 89.4 134.2

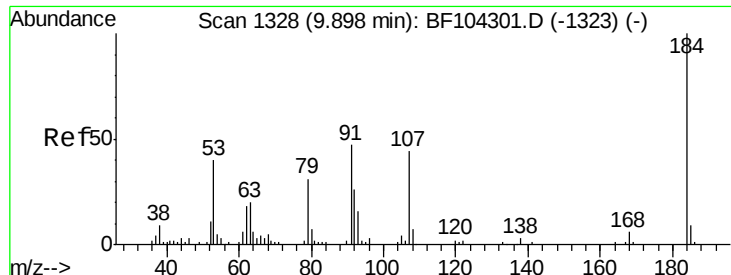


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

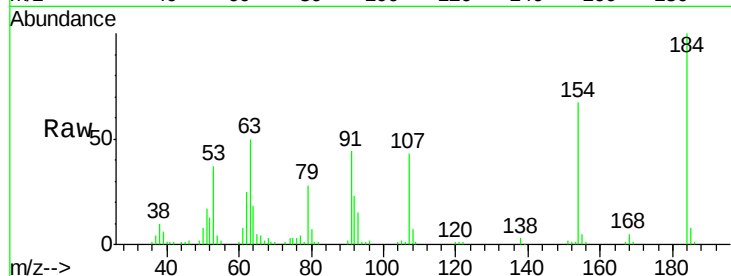




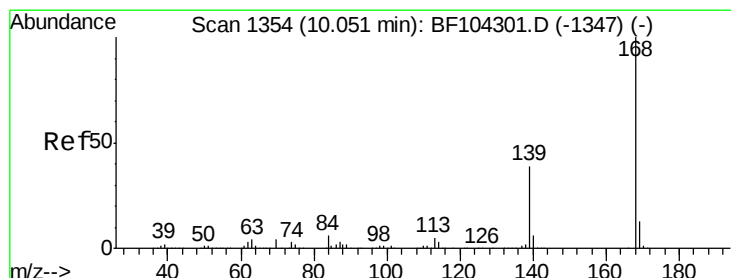
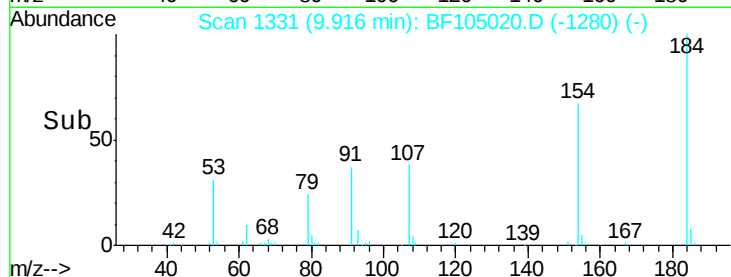
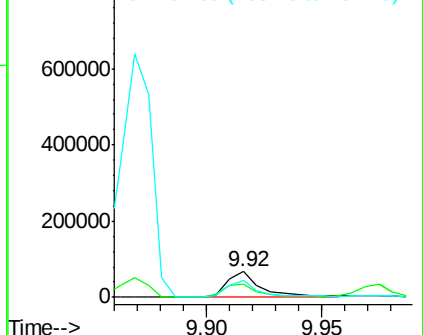
#53
 2,4-Dinitrophenol
 Concen: 53.566 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 68846
 Ion Ratio Lower Upper
 184 100
 63 50.3 54.2 81.2#
 154 67.0 184.0 276.0#

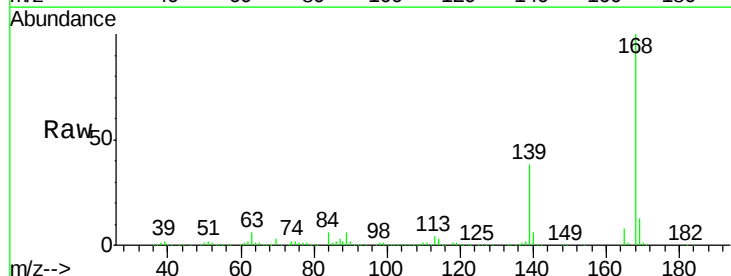


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

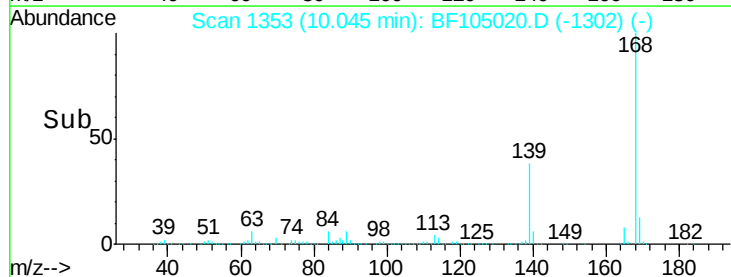
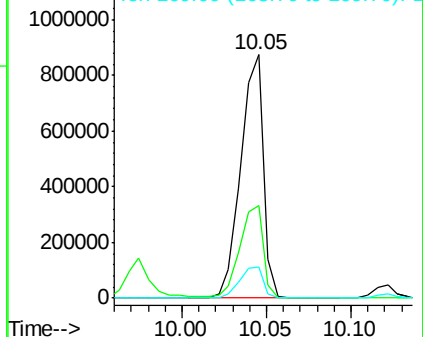


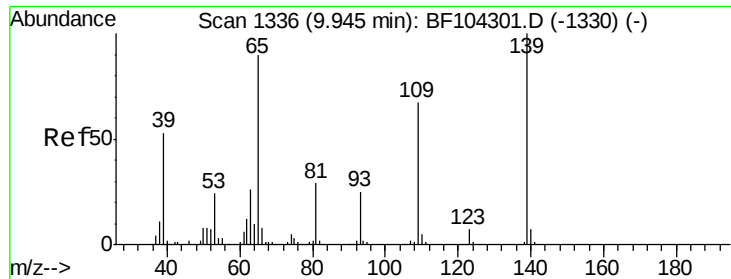
#54
 Dibenzofuran
 Concen: 36.101 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

Tgt Ion:168 Resp: 815850
 Ion Ratio Lower Upper
 168 100
 139 37.9 30.1 45.1
 169 12.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

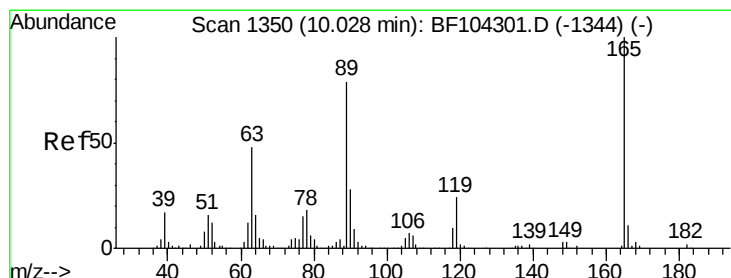
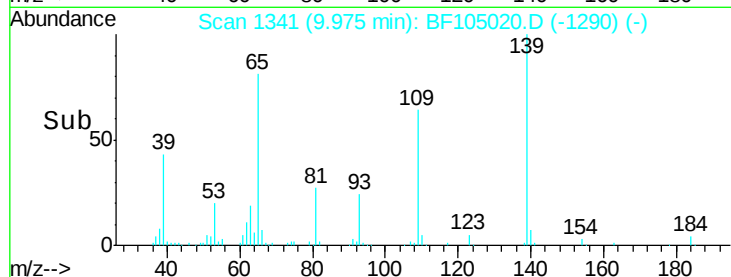
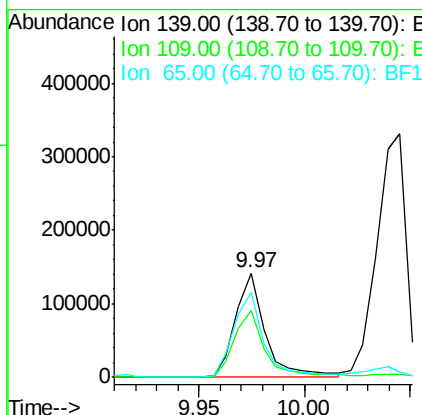
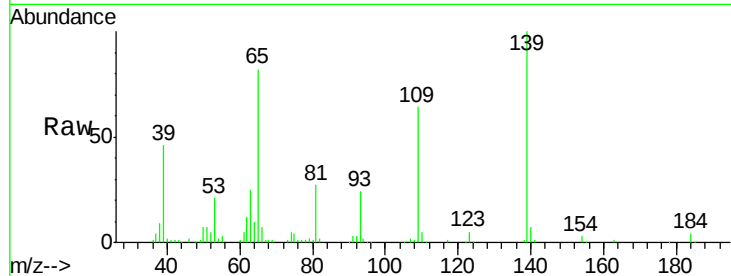




#55
4-Nitrophenol
Concen: 40.885 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

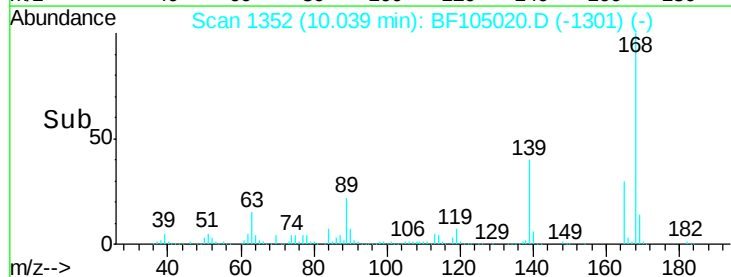
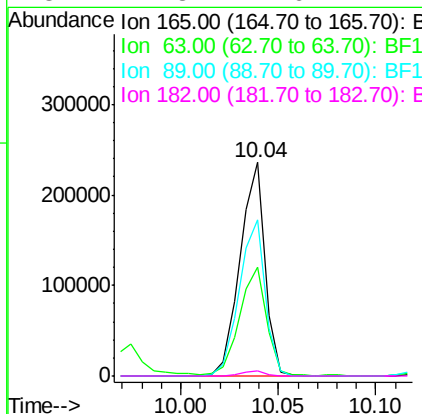
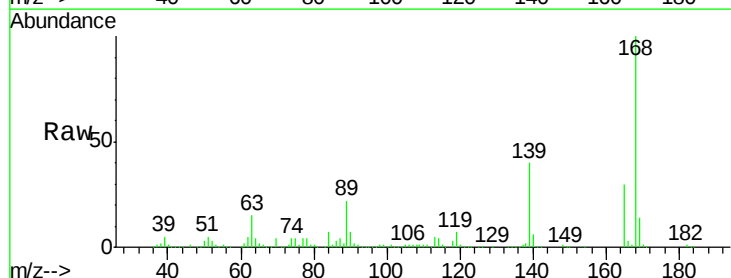
Instrument :
BNA_F
ClientSampled :

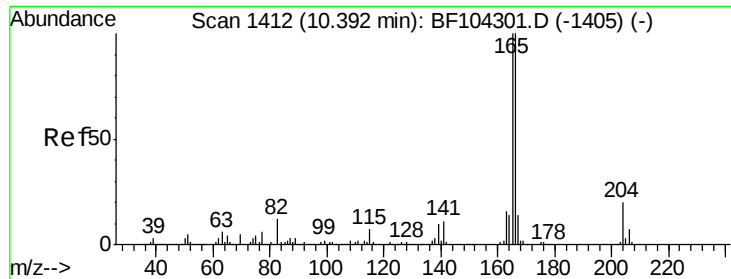
Tot Ion:139 Resp: 140061
Ion Ratio Lower Upper
139 100
109 64.2 48.4 88.4
65 81.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.828 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Tgt Ion:165 Resp: 209269
Ion Ratio Lower Upper
165 100
63 50.9 36.4 54.6
89 72.9 57.8 86.6
182 2.3 1.6 2.4

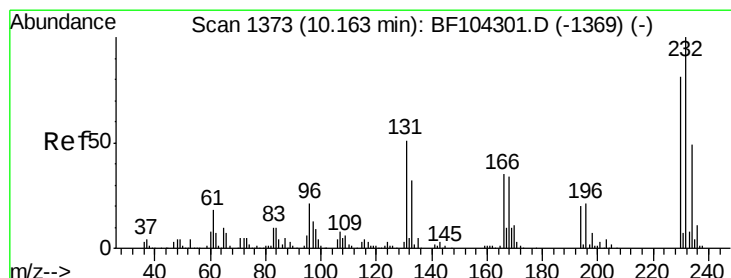
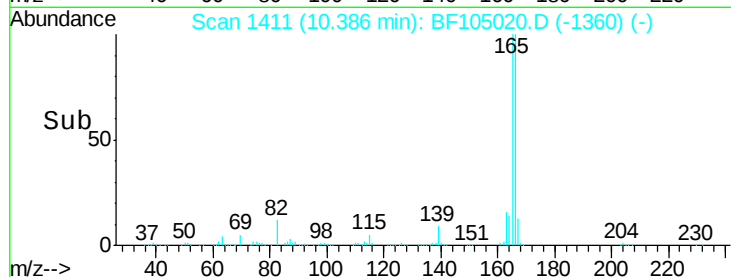
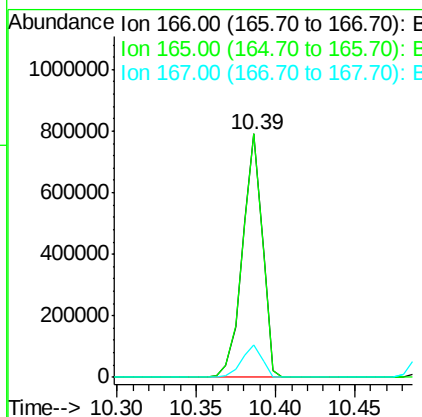
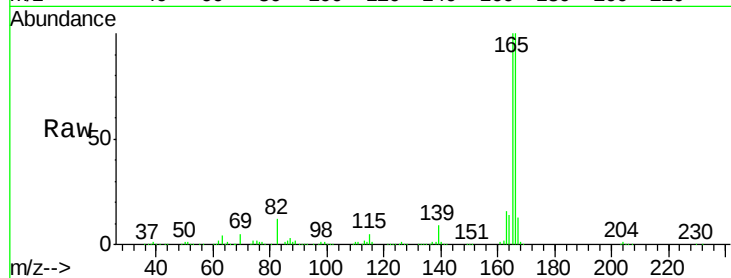




#57
 Fluorene
 Concen: 41.555 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

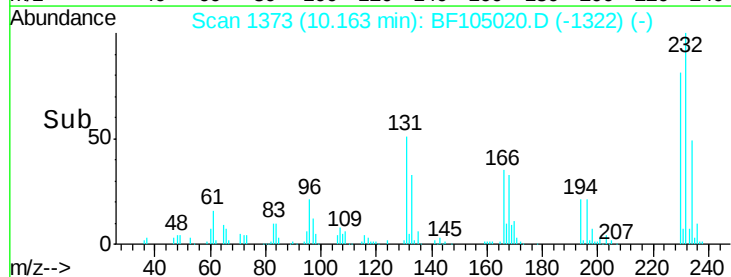
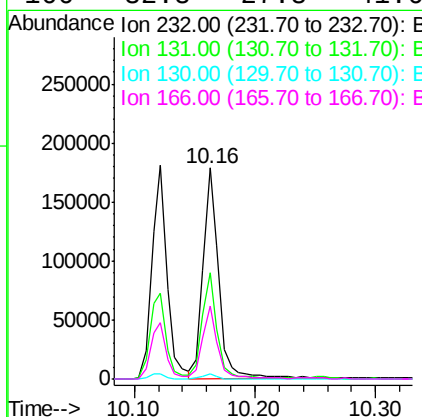
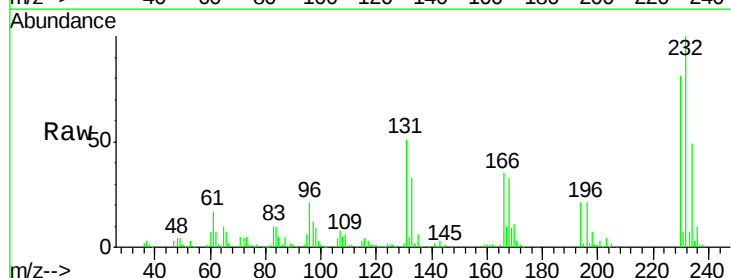
Instrument :
 BNA_F
 ClientSampleId :

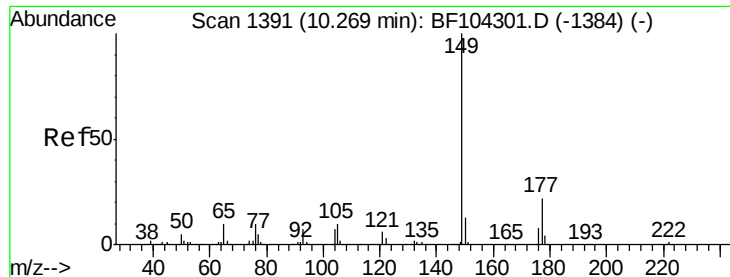
Tot Ion:166 Resp: 683552
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.920 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

Tgt Ion:232 Resp: 160600
 Ion Ratio Lower Upper
 232 100
 131 48.1 43.8 65.8
 130 2.3 2.1 3.1
 166 32.8 27.8 41.6

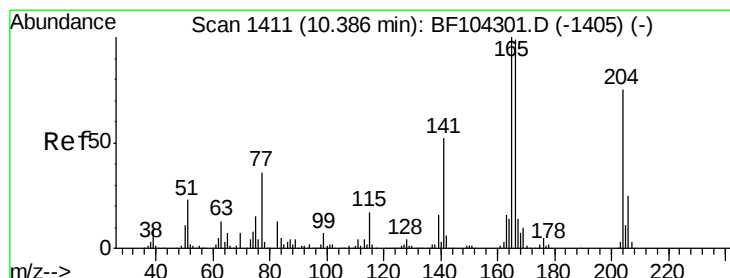
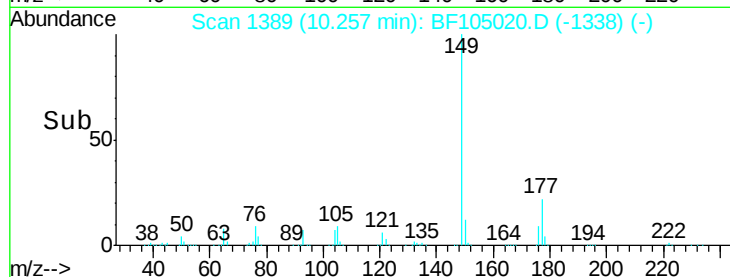
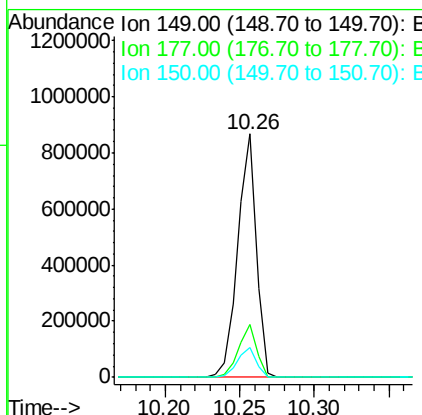
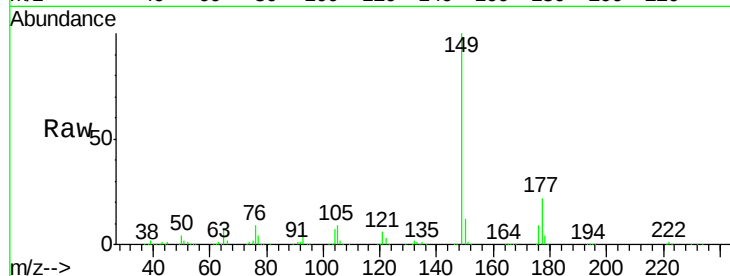




#59
Diethylphthalate
Concen: 37.918 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

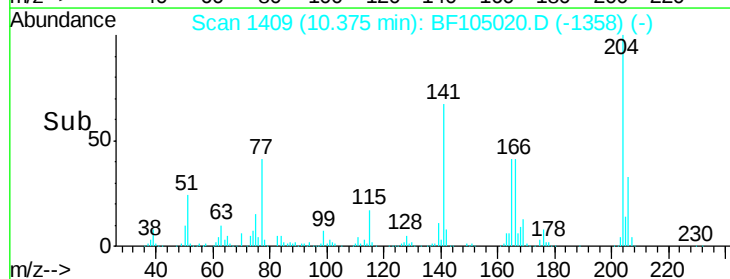
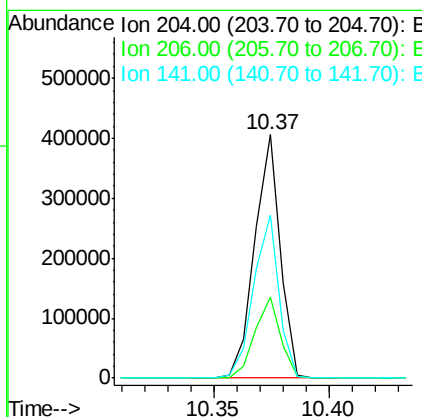
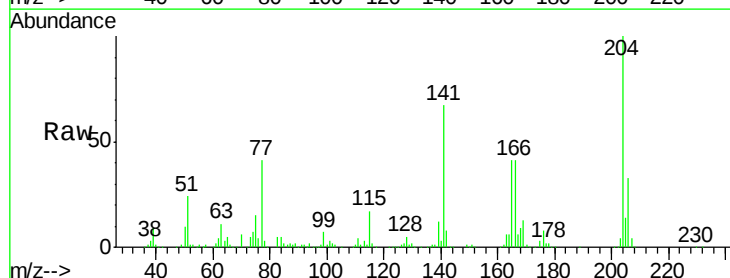
Instrument :
BNA_F
ClientSampled :

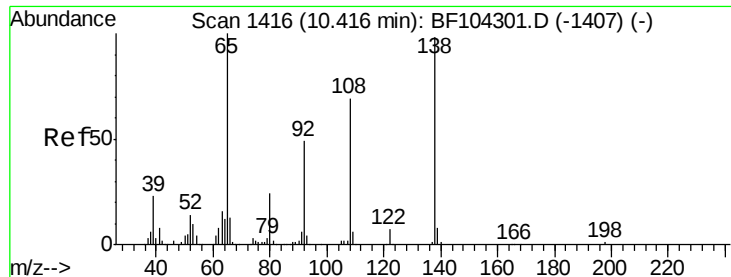
Tot Ion:149 Resp: 760248
Ion Ratio Lower Upper
149 100
177 21.9 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.142 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Tgt Ion:204 Resp: 316042
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 67.1 54.6 81.8





#61

4-Nitroaniline

Concen: 48.674 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Instrument :

BNA_F

ClientSampleId :

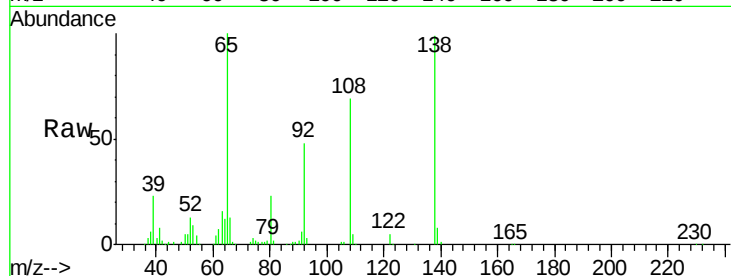
Tot Ion:138 Resp: 207550

Ion Ratio Lower Upper

138 100

92 48.3 30.2 70.2

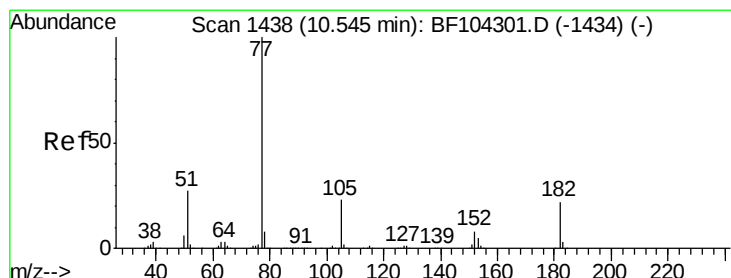
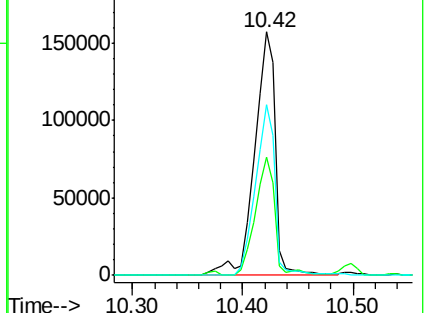
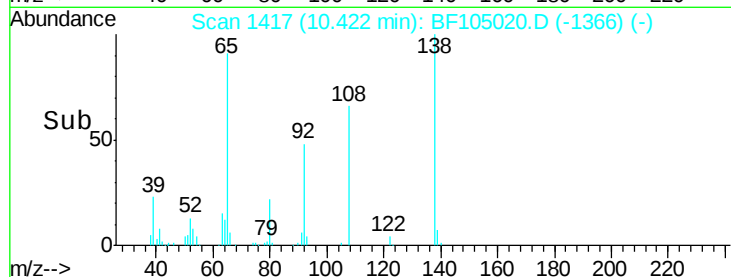
108 70.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.811 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Tgt Ion: 77 Resp: 666817

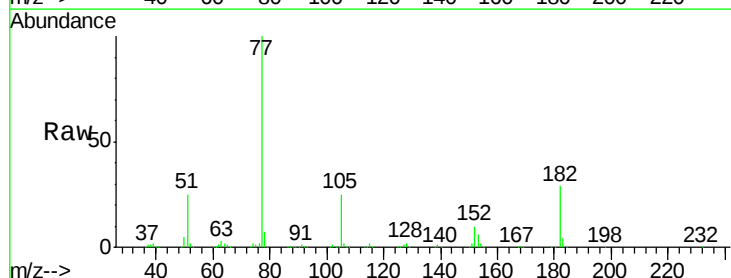
Ion Ratio Lower Upper

77 100

182 29.0 1.7 41.7

105 25.2 3.0 43.0

51 25.3 9.9 49.9

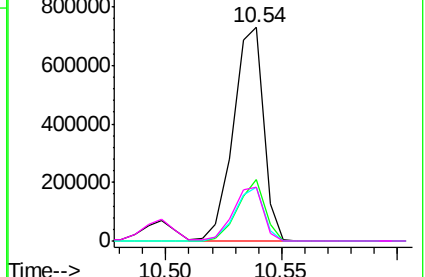
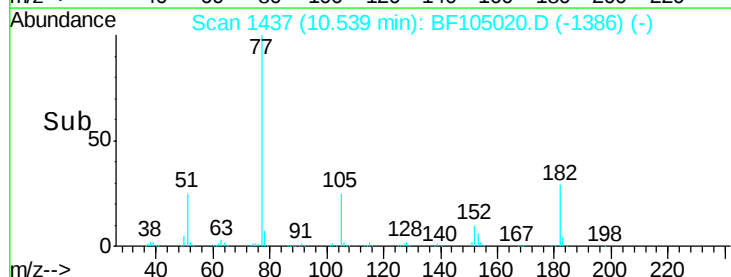


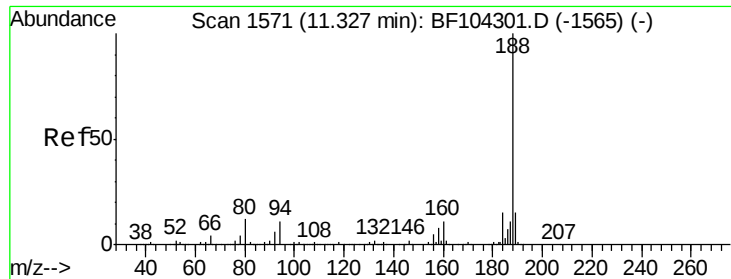
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

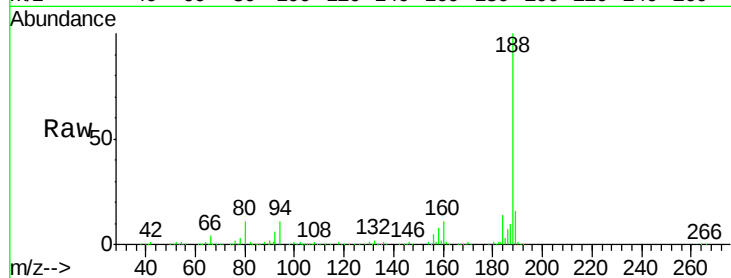




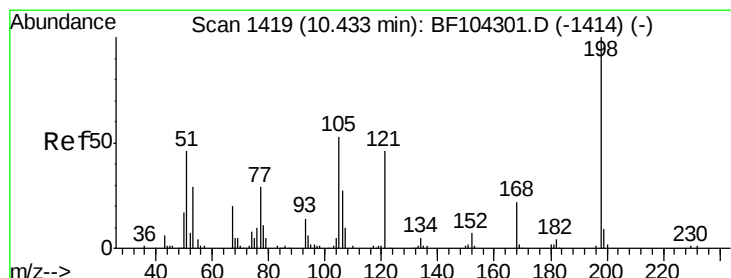
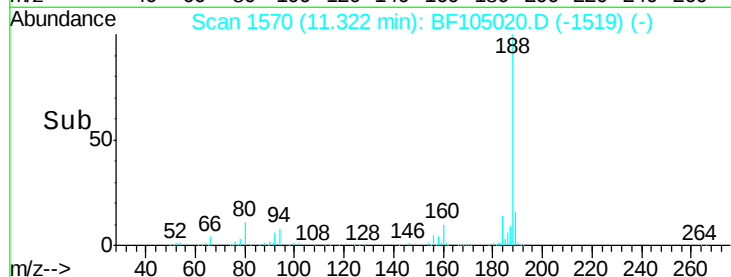
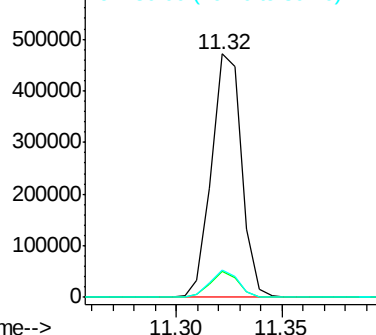
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 465773
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.4 9.2 13.8

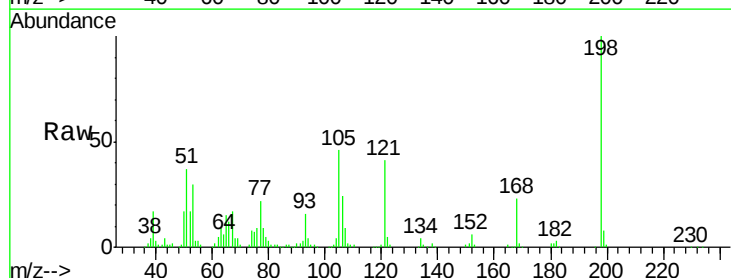


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

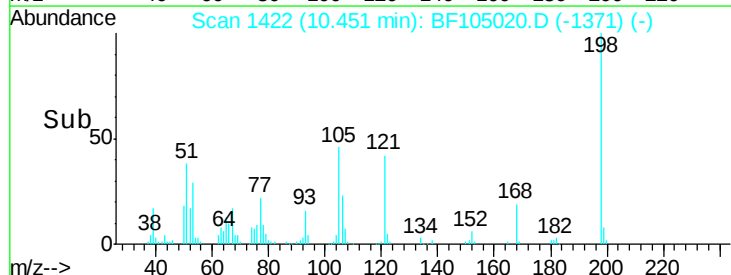
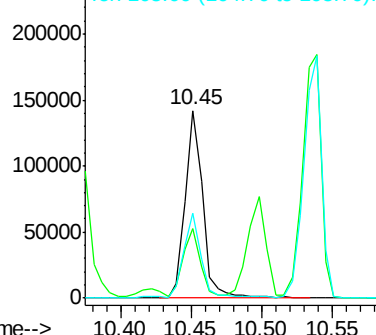


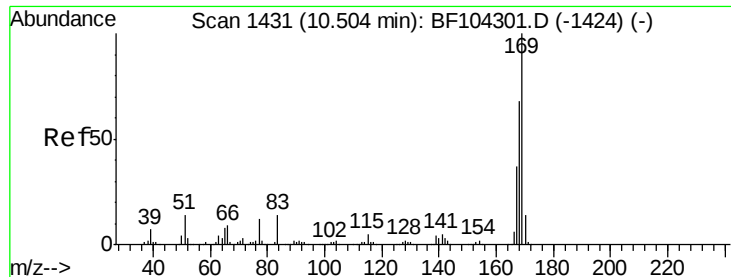
#64
4,6-Dinitro-2-methylphenol
Concen: 53.742 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Tgt Ion:198 Resp: 124264
Ion Ratio Lower Upper
198 100
51 37.4 37.7 77.7#
105 45.5 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 38.623 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Instrument :

BNA_F

ClientSampleId :

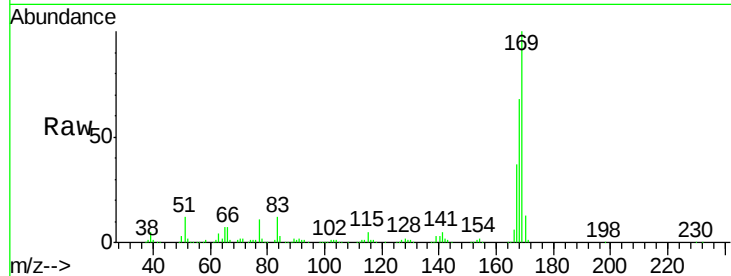
Tot Ion:169 Resp: 623751

Ion Ratio Lower Upper

169 100

168 68.2 54.4 81.6

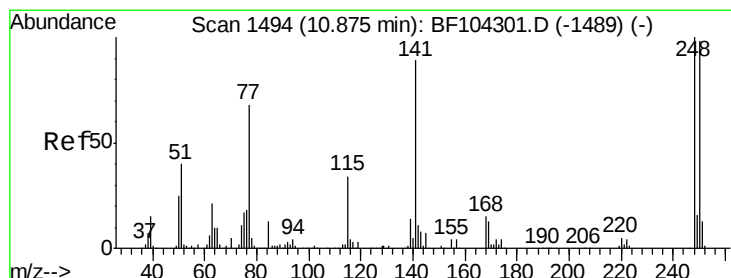
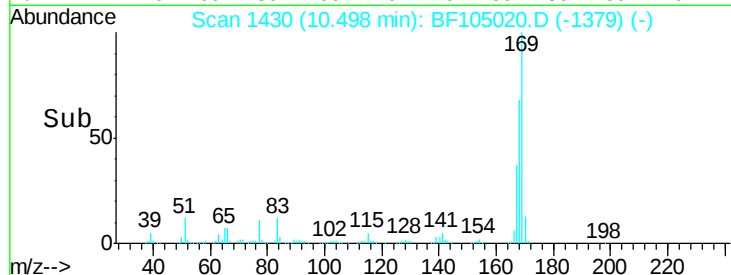
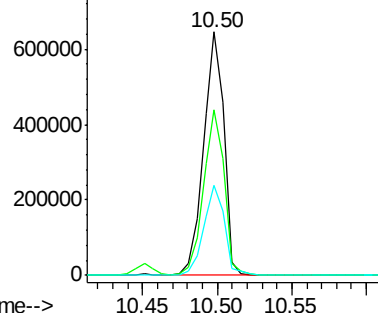
167 37.1 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.399 ng

RT: 10.87 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

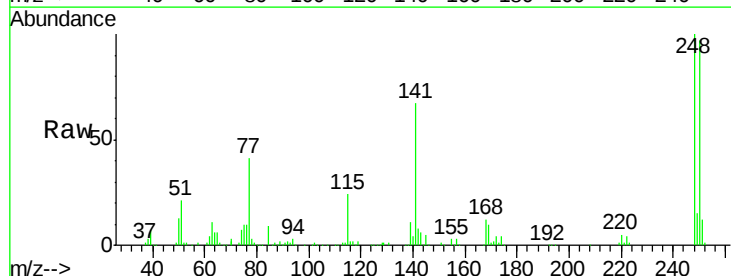
Tgt Ion:248 Resp: 200150

Ion Ratio Lower Upper

248 100

250 97.3 76.9 115.3

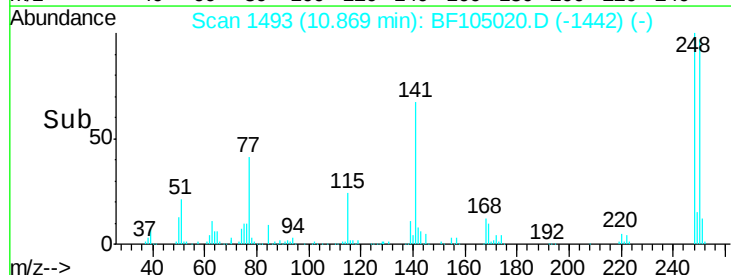
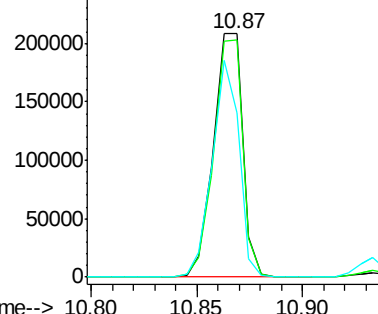
141 67.4 74.4 111.6#

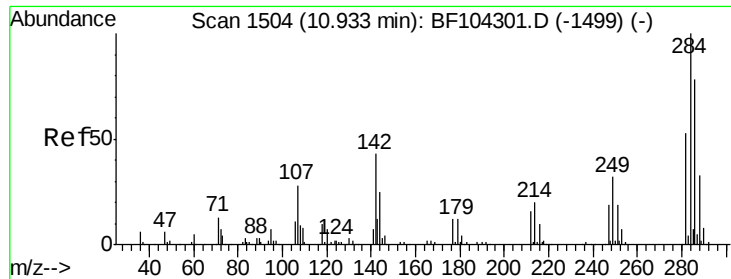


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

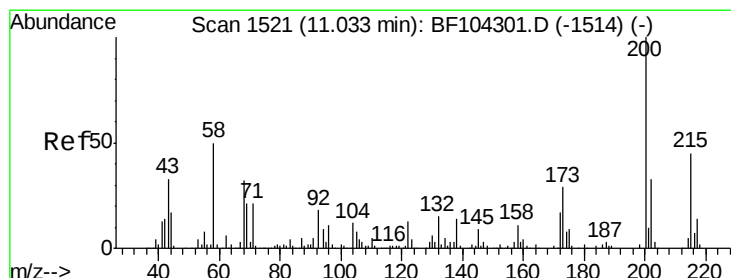
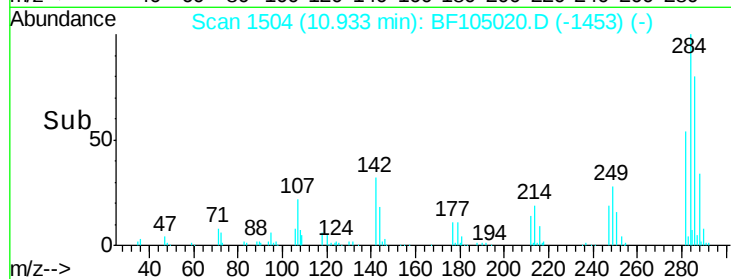
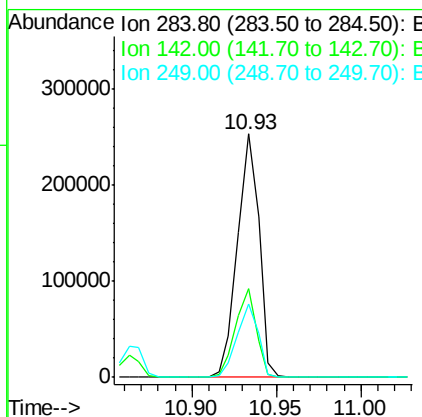
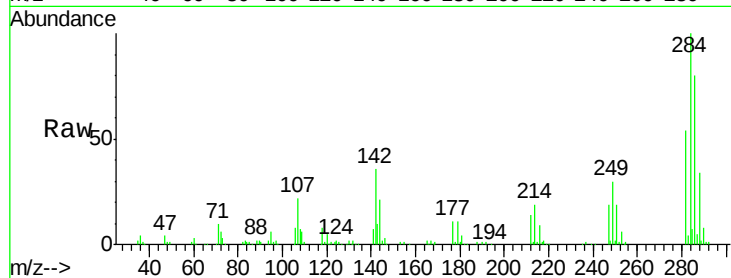




#67
Hexachlorobenzene
Concen: 40.484 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

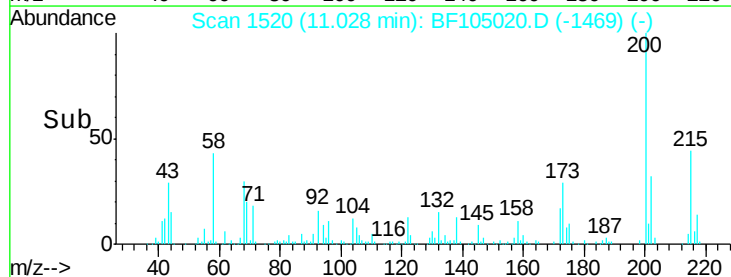
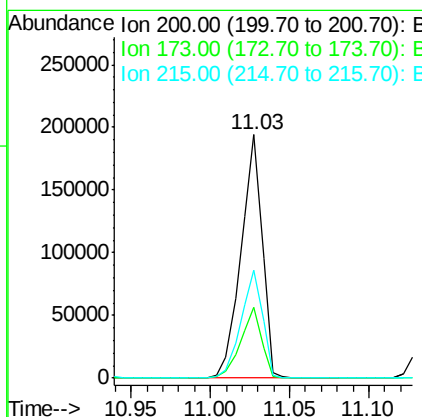
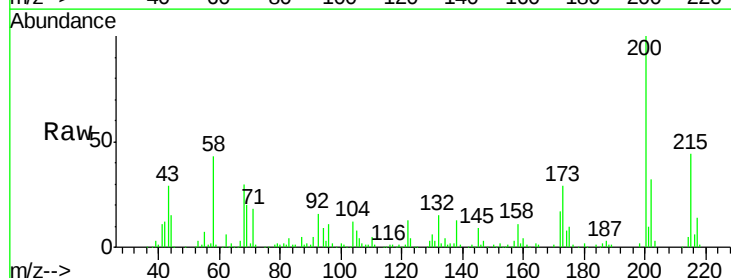
Instrument :
BNA_F
ClientSampleId :

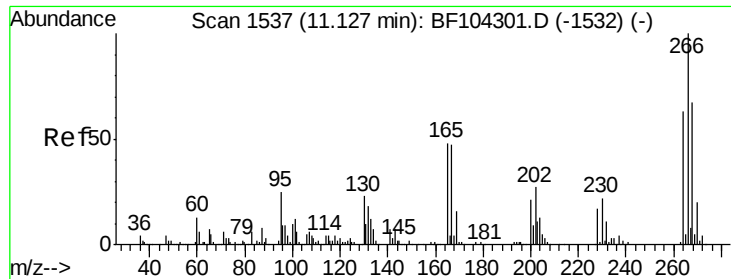
Tot Ion	Ratio	Lower	Upper
284	100		
142	36.4	34.6	52.0
249	30.0	24.8	37.2



#68
Atrazine
Concen: 36.877 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.0	8.6	48.6
215	44.4	25.1	65.1

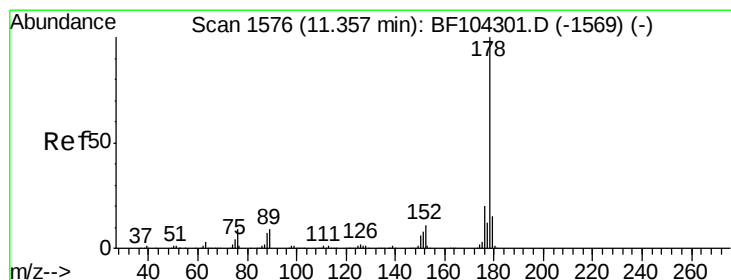
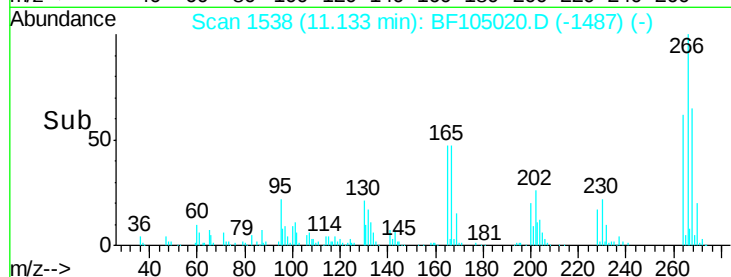
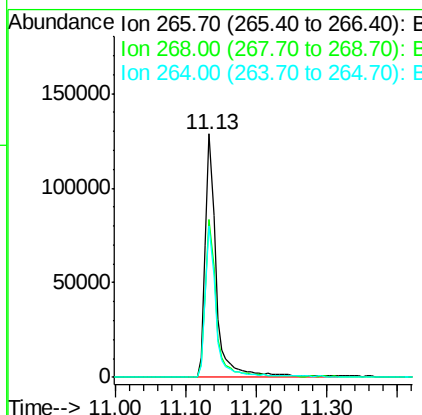
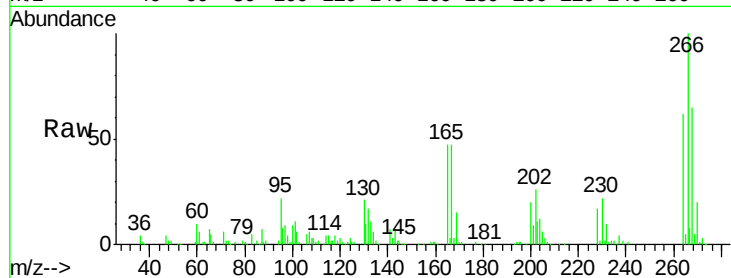




#69
 Pentachlorophenol
 Concen: 41.233 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

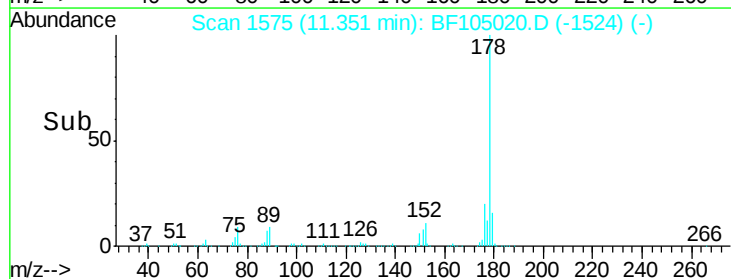
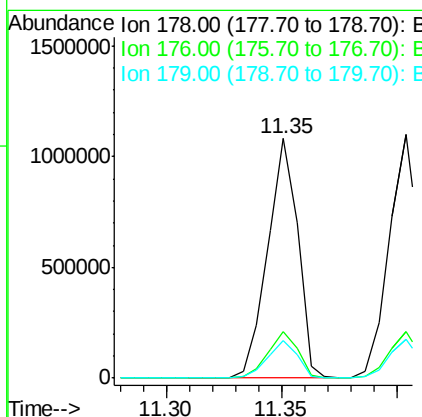
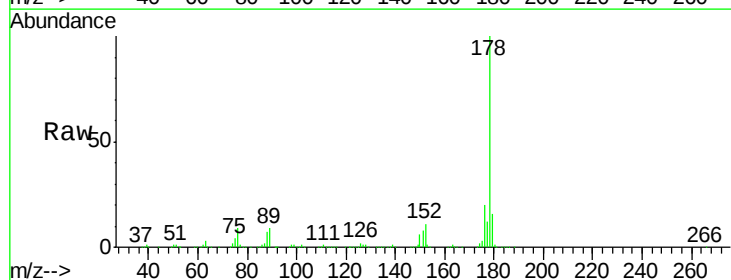
Instrument :
 BNA_F
 ClientSampleId :

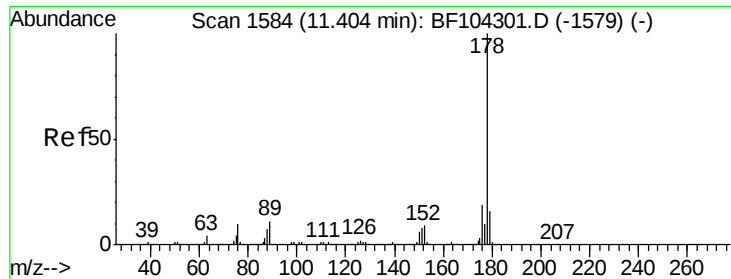
Tot Ion:266 Resp: 142205
 Ion Ratio Lower Upper
 266 100
 268 64.9 51.1 76.7
 264 62.3 49.5 74.3



#70
 Phenanthrene
 Concen: 37.963 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

Tgt Ion:178 Resp: 984707
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.6 13.0 19.6

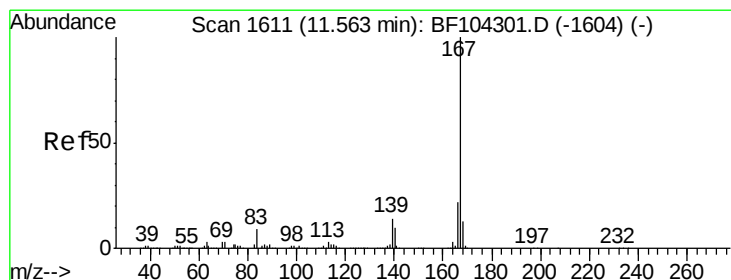
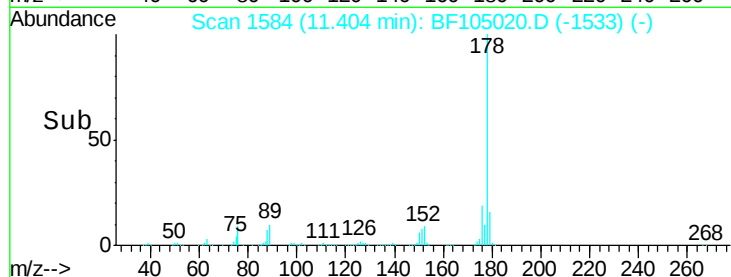
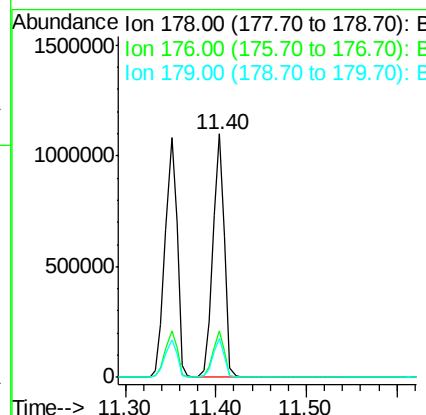
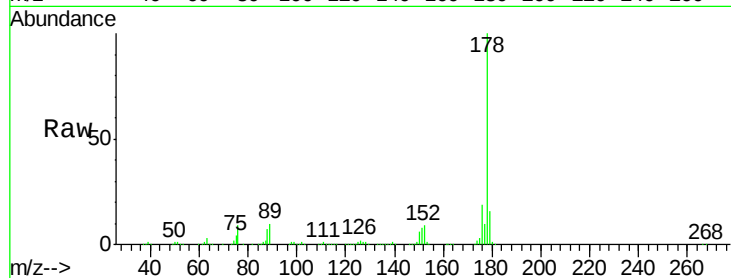




#71
 Anthracene
 Concen: 37.828 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

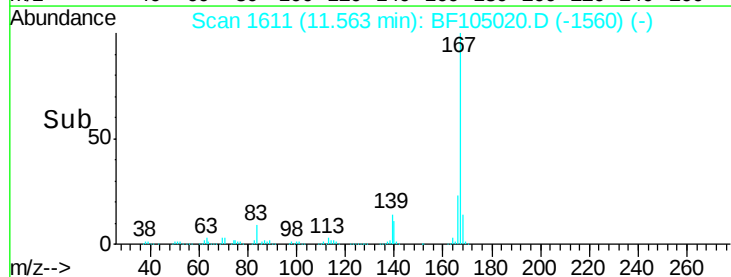
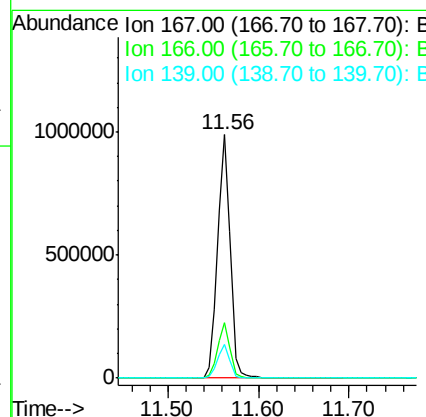
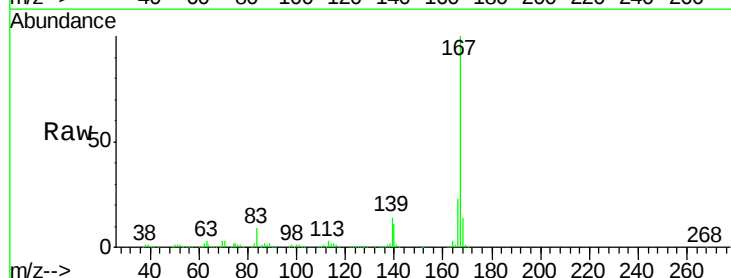
Instrument :
 BNA_F
 ClientSampled :

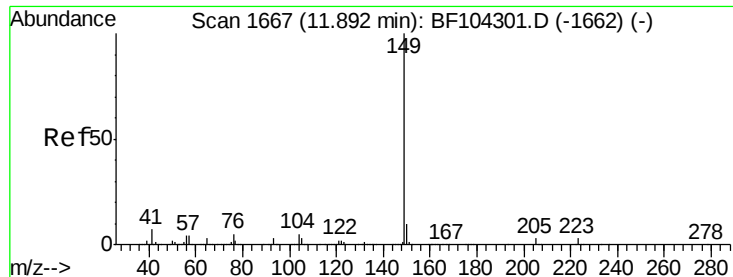
Tot Ion:178 Resp: 997418
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 37.607 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

Tgt Ion:167 Resp: 968944
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 13.8 10.9 16.3

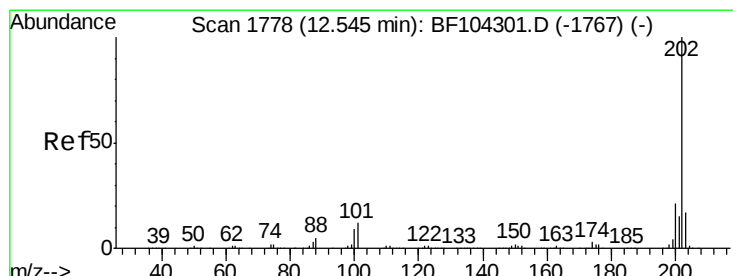
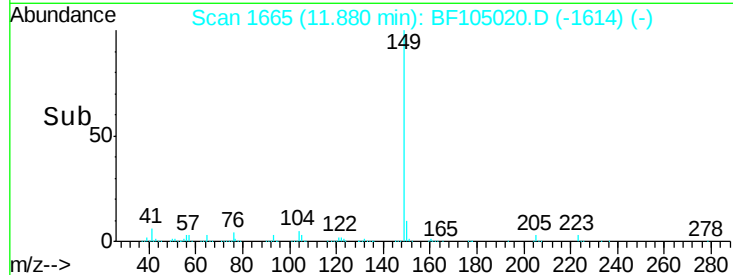
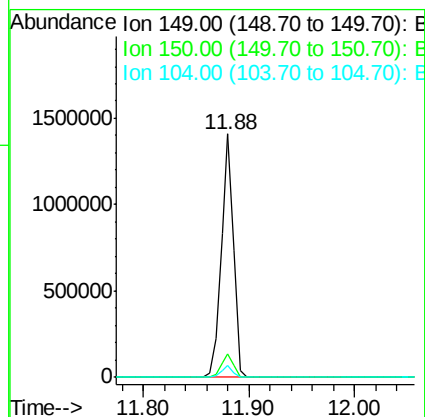
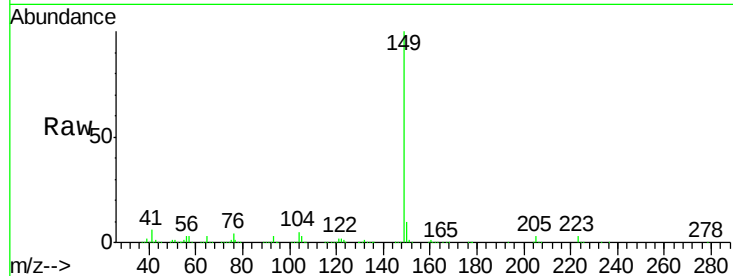




#73
Di-n-butylphthalate
Concen: 36.909 ng
RT: 11.88 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

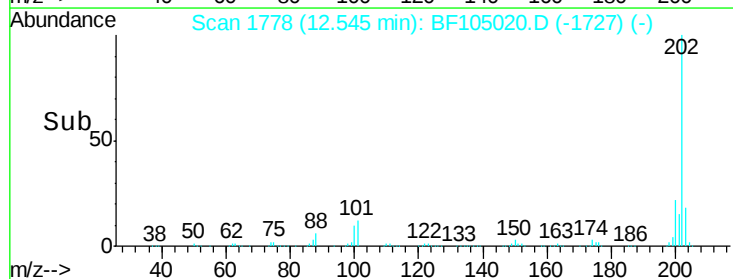
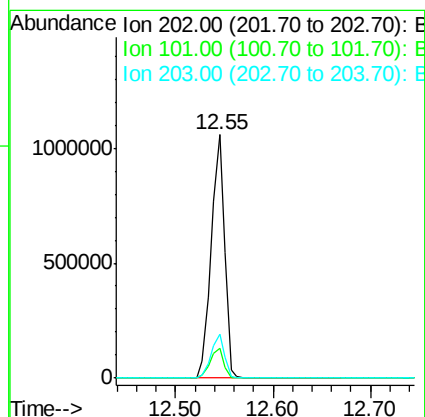
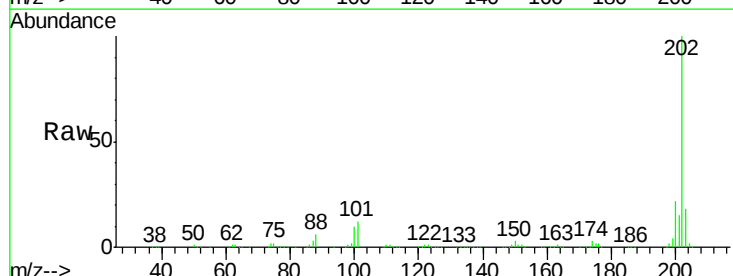
Instrument :
BNA_F
ClientSampleId :

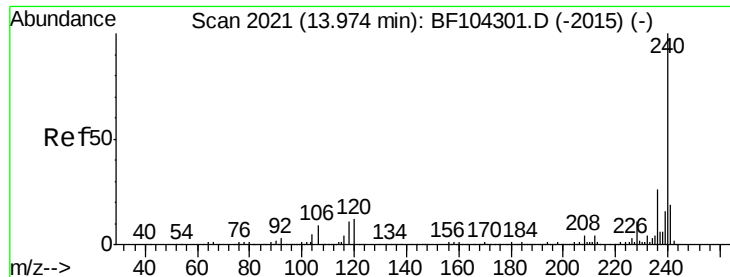
Tot Ion:149 Resp: 1161663
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 37.366 ng
RT: 12.55 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Tgt Ion:202 Resp: 1012636
Ion Ratio Lower Upper
202 100
101 12.5 0.0 34.1
203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Instrument :

BNA_F

ClientSampleId :

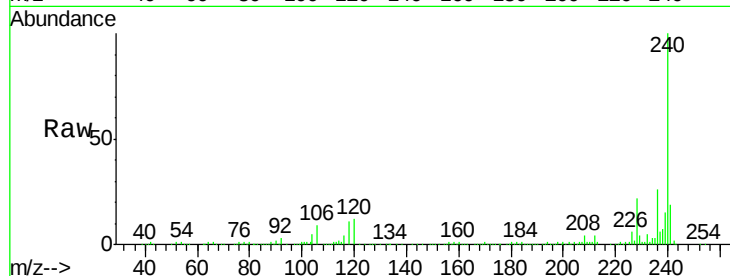
Tot Ion:240 Resp: 345019

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

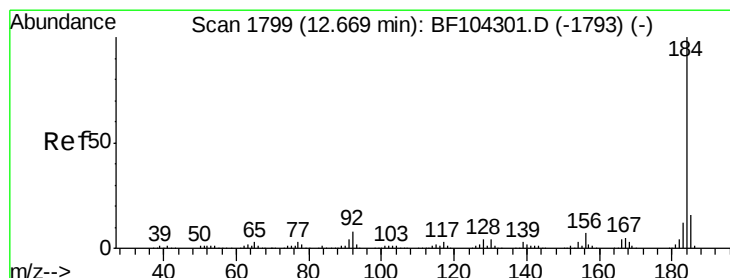
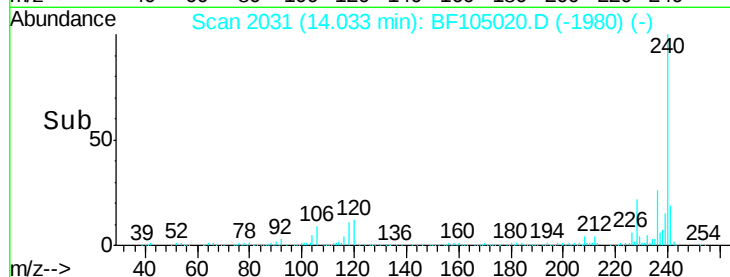
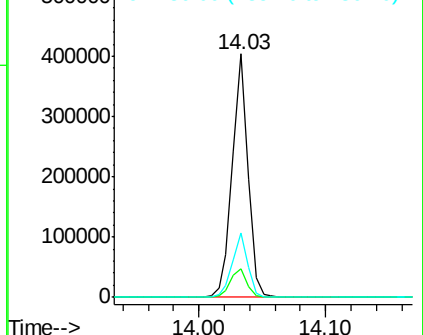
236 26.4 20.7 31.1



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



#76

Benzidine

Concen: 32.206 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

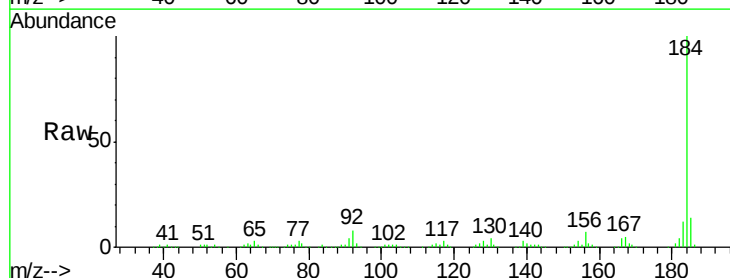
Tgt Ion:184 Resp: 399178

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

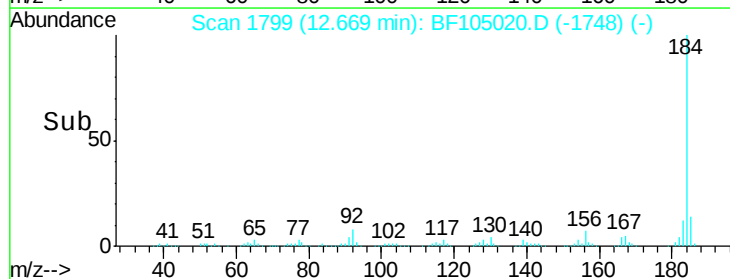
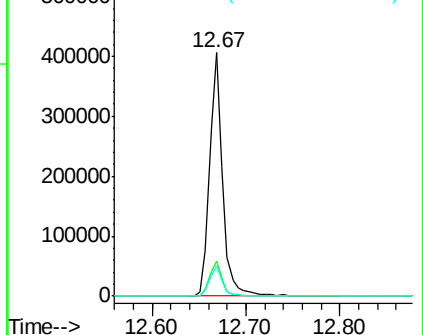
183 12.0 9.3 13.9

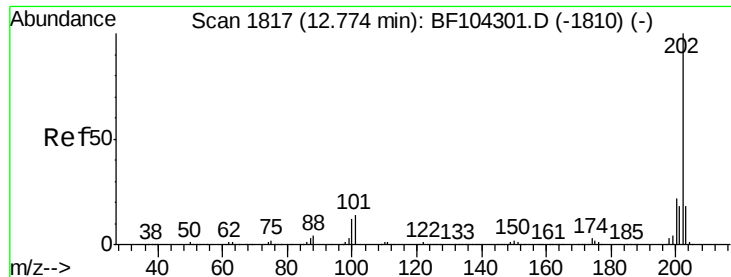


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

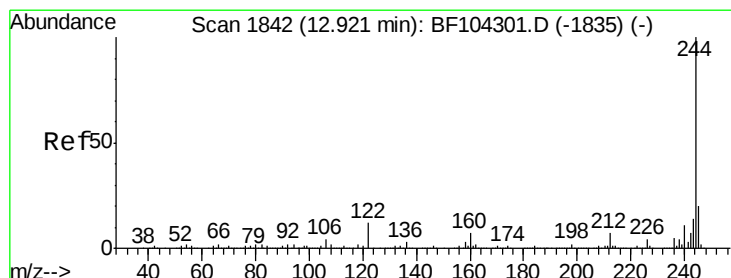
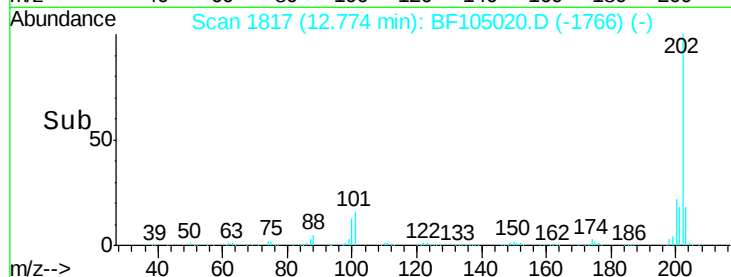
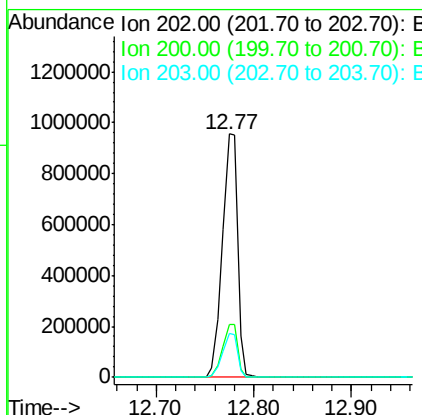
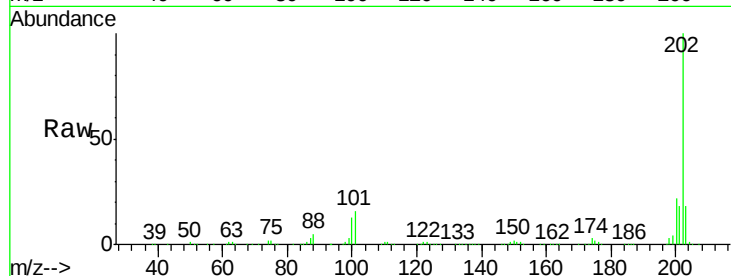




#77
Pvrene
Concen: 40.694 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

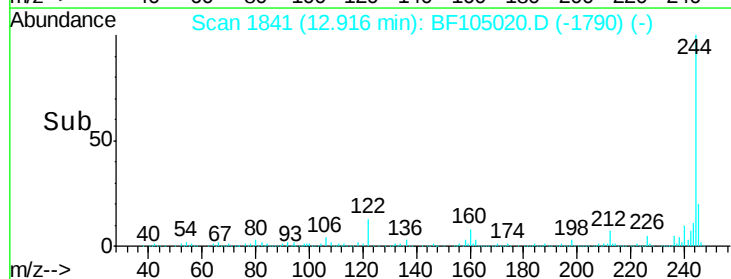
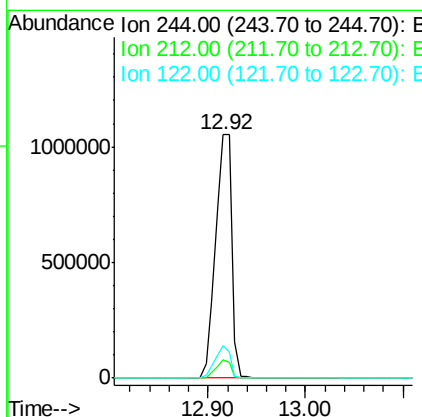
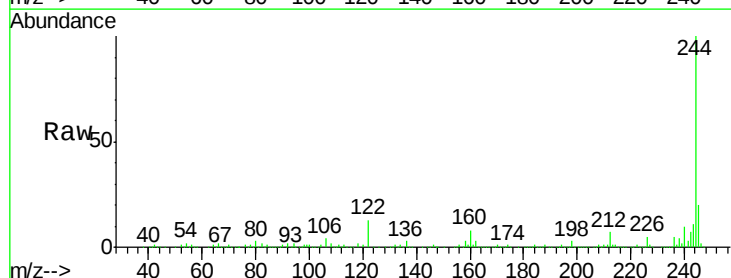
Instrument :
BNA_F
ClientSampleId :

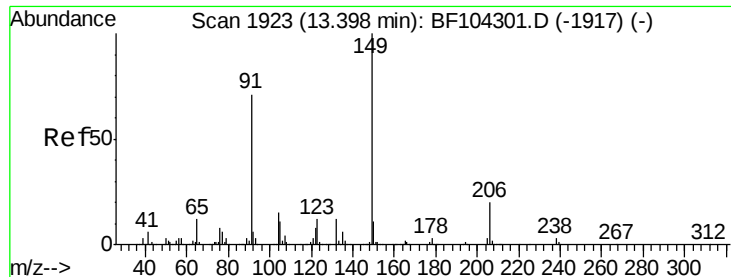
Tot Ion:202 Resp: 1040701
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 80.203 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Tgt Ion:244 Resp: 1213759
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.0
122 13.4 11.0 16.4





#79

Butylbenzylphthalate

Concen: 40.527 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BF105020.D

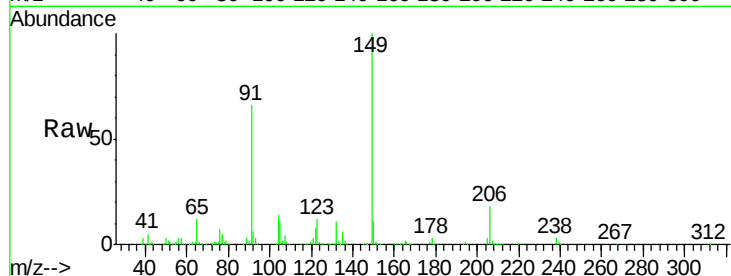
Acq: 2 May 2018 10:23

Instrument :

BNA_F

ClientSampleId :

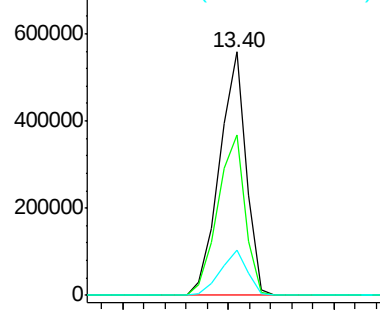
Tot Ion:	149	Resp:	488278
Ion	Ratio	Lower	Upper
149	100		
91	66.1	56.8	85.2
206	18.4	14.1	21.1



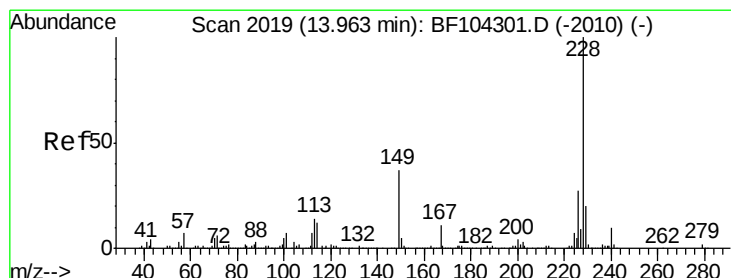
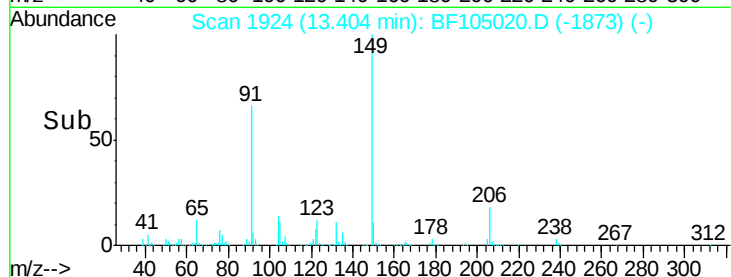
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->



#80

Benzo(a)anthracene

Concen: 42.475 ng

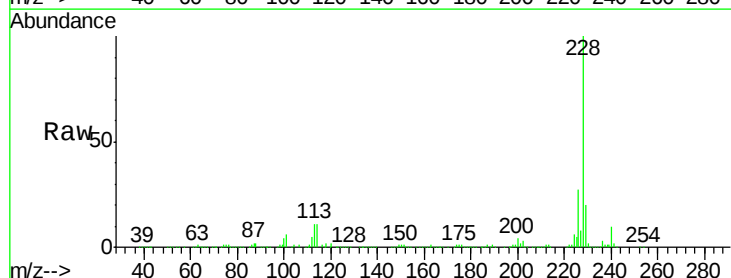
RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

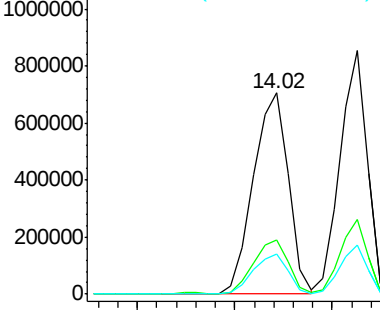
Tgt Ion:	228	Resp:	875495
Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.7	15.8	23.6



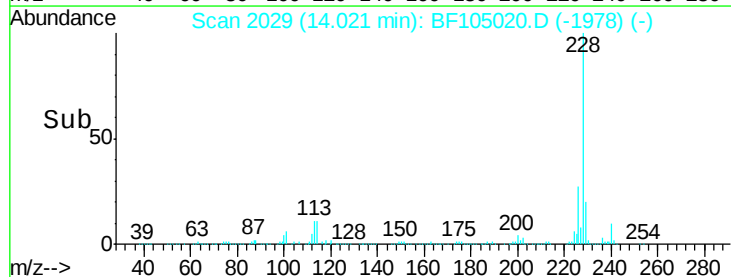
Abundance Ion 228.00 (227.70 to 228.70): E

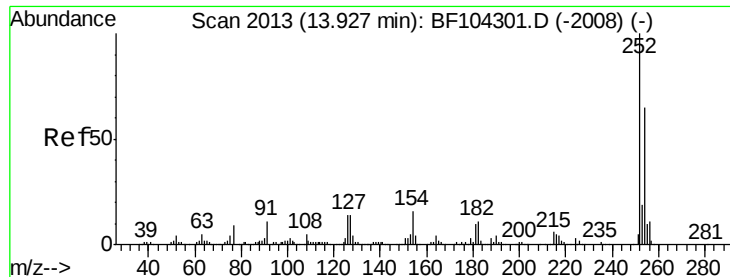
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

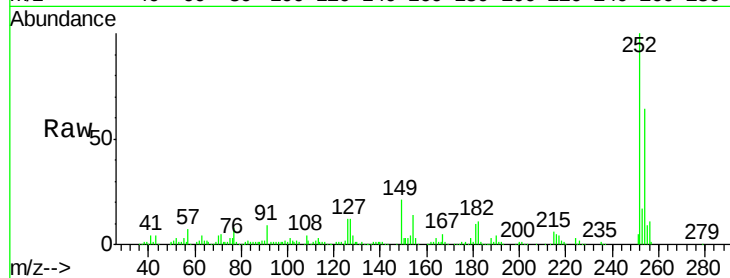




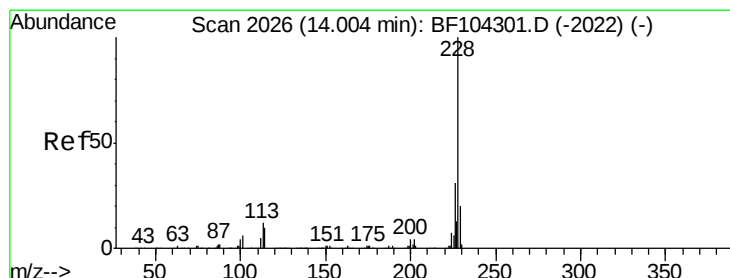
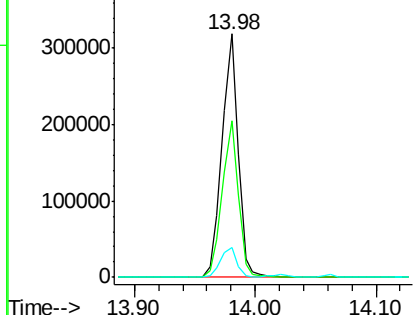
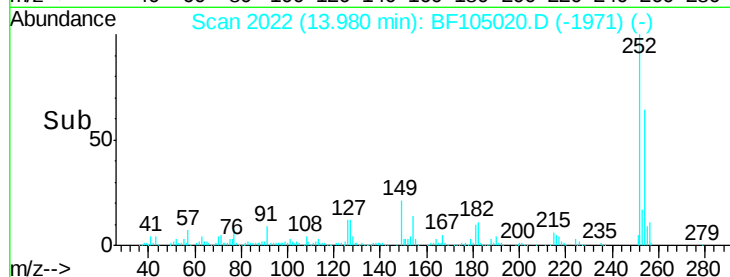
#81
 3,3'-Dichlorobenzidine
 Concen: 38.431 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	12.5	11.3	16.9

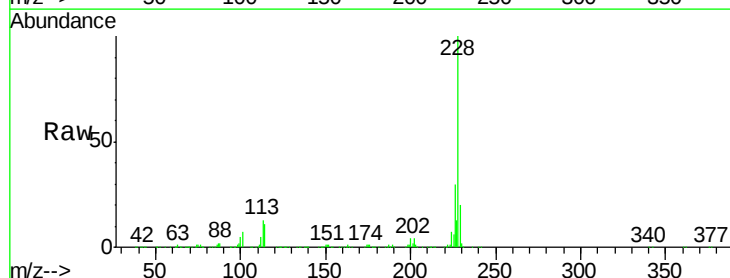


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

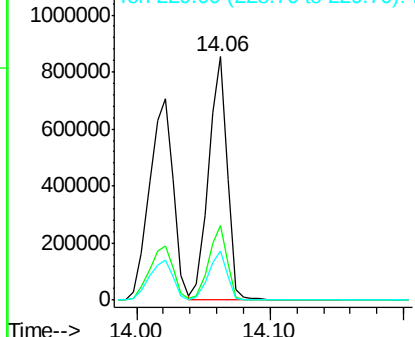
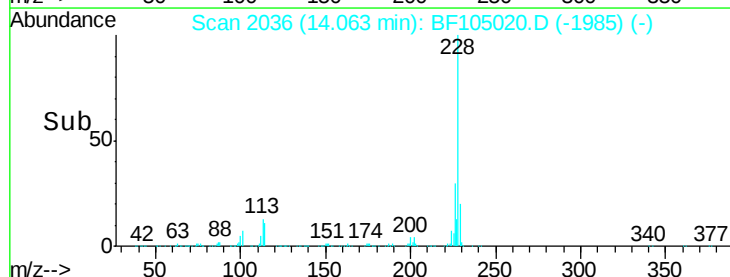


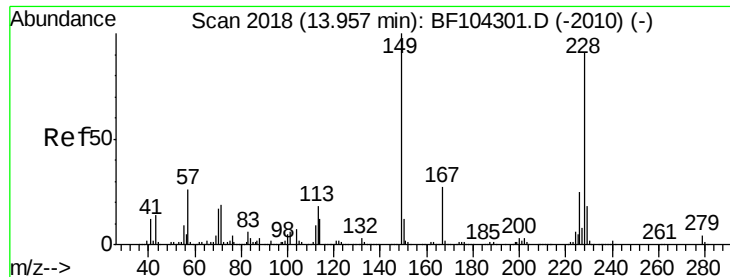
#82
 Chrysene
 Concen: 39.228 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.0	16.2	24.4



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

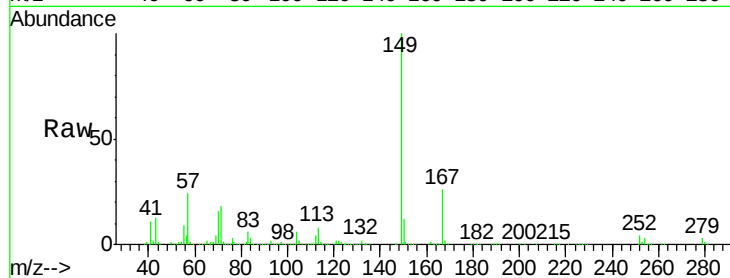




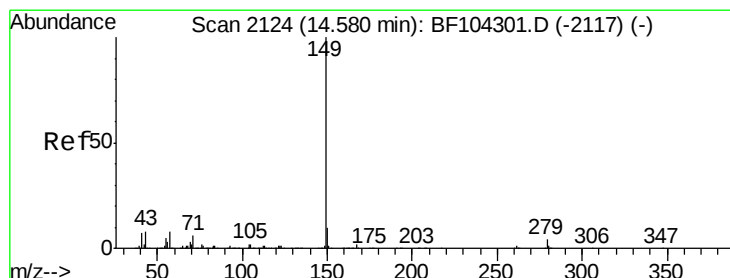
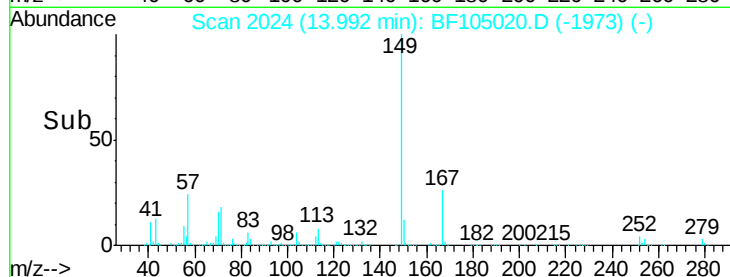
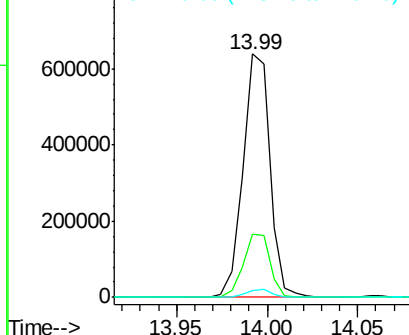
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.597 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 660128
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.3 31.9
 279 3.0 3.0 4.4

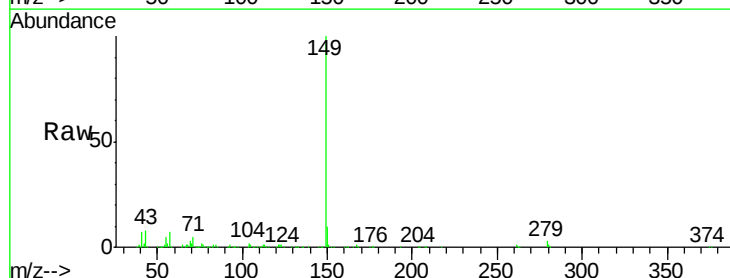


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

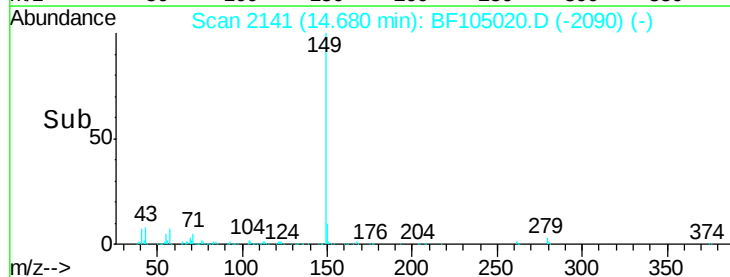
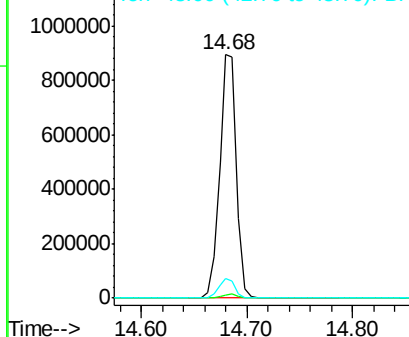


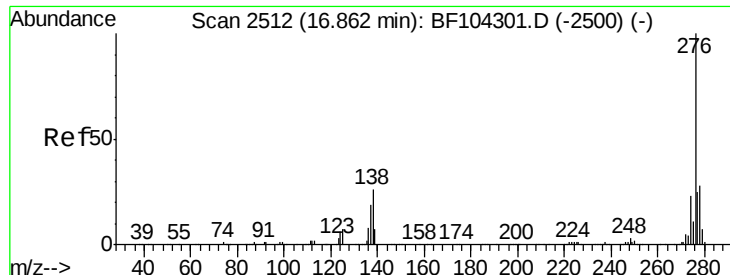
#84
 Di-n-octyl phthalate
 Concen: 38.150 ng
 RT: 14.68 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

Tgt Ion:149 Resp: 987874
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.8 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

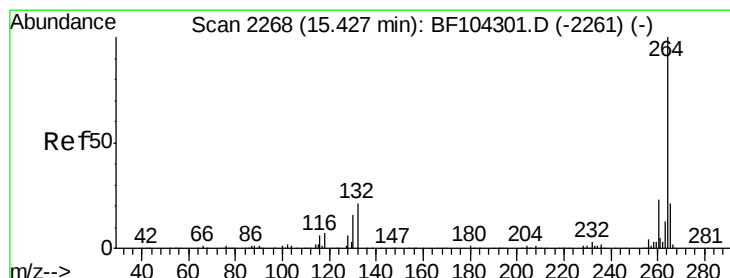
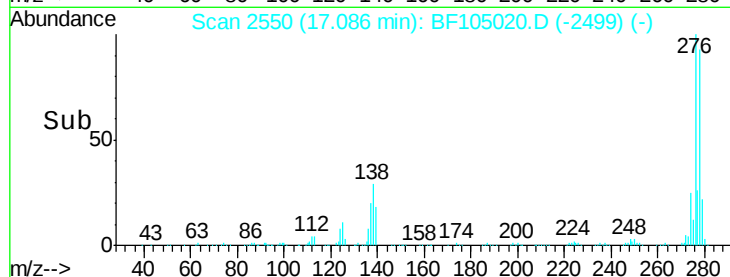
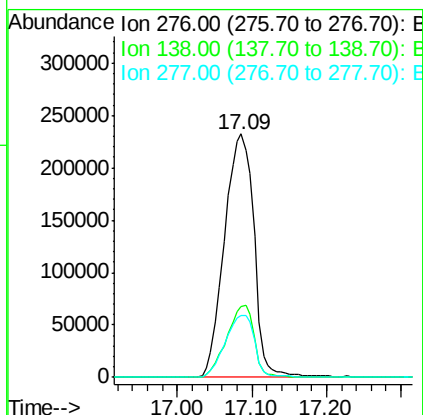
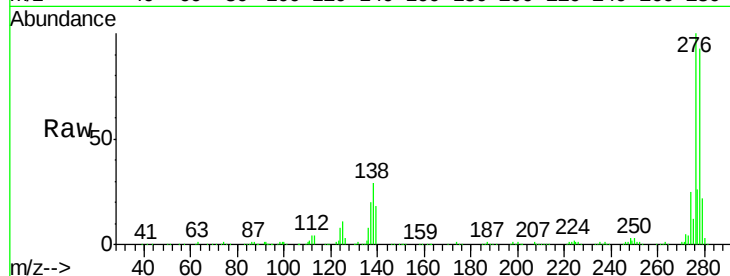




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.549 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

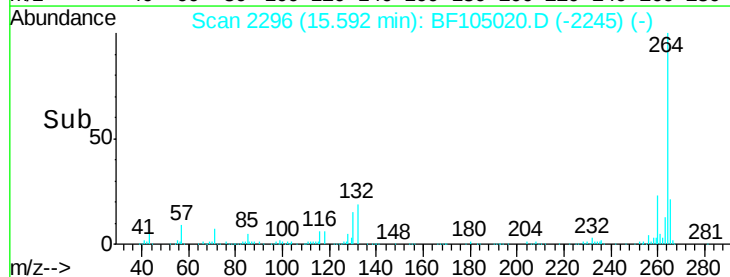
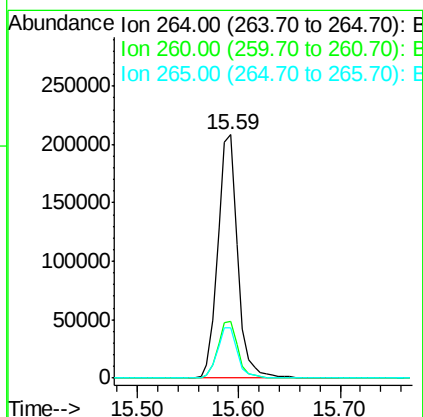
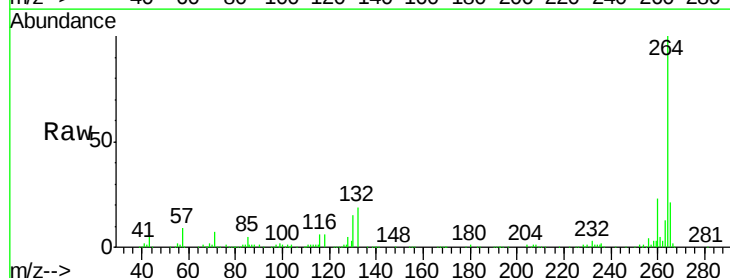
Instrument :
BNA_F
ClientSampleId :

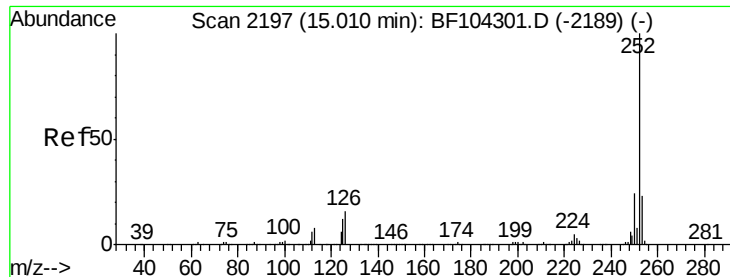
Tot Ion:276 Resp: 639340
Ion Ratio Lower Upper
276 100
138 27.6 25.0 37.6
277 25.5 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Tgt Ion:264 Resp: 282175
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 20.7 17.5 26.3

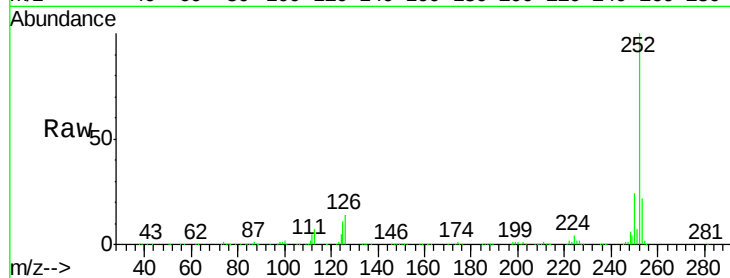




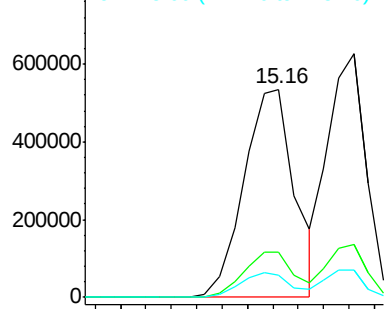
#87
Benzo(b)fluoranthene
Concen: 41.834 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

Instrument :
BNA_F
ClientSampleId :

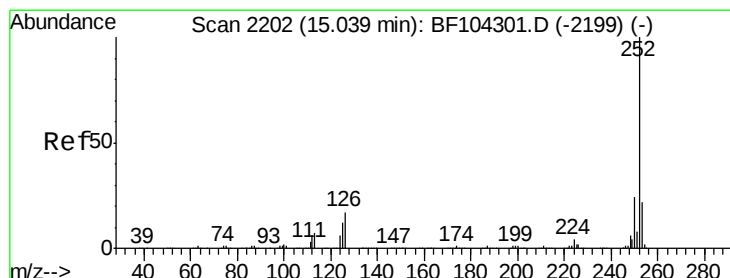
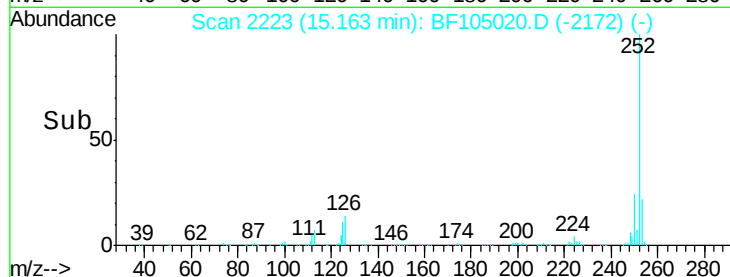
Tot Ion:252 Resp: 745549
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

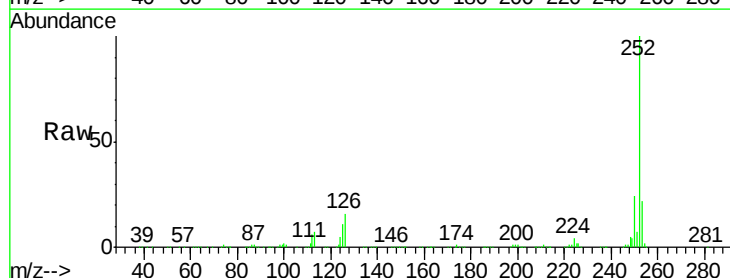


Time-->

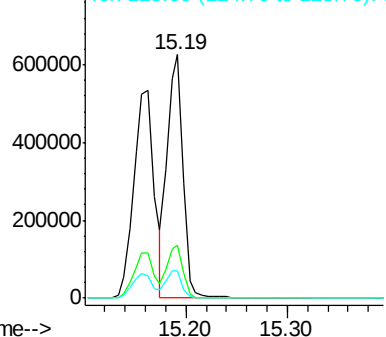


#88
Benzo(k)fluoranthene
Concen: 39.921 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF105020.D
Acq: 2 May 2018 10:23

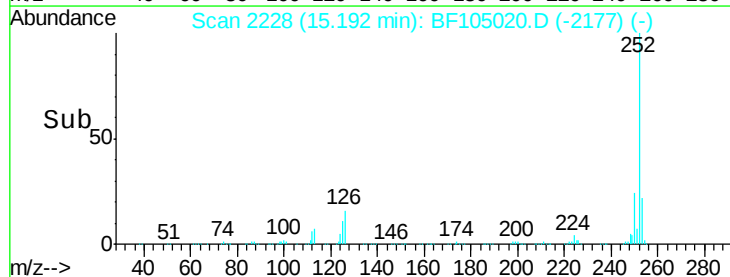
Tgt Ion:252 Resp: 671687
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.2 10.2 15.2

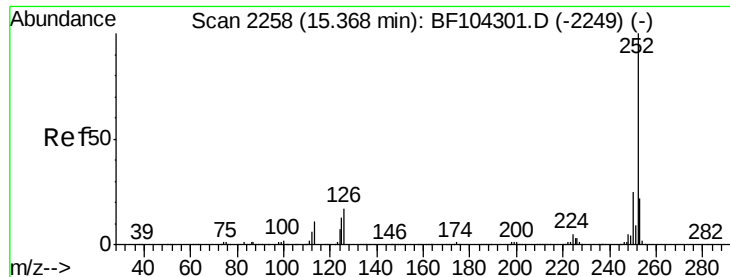


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(a)pyrene

Concen: 39.969 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

Instrument :

BNA_F

ClientSampleId :

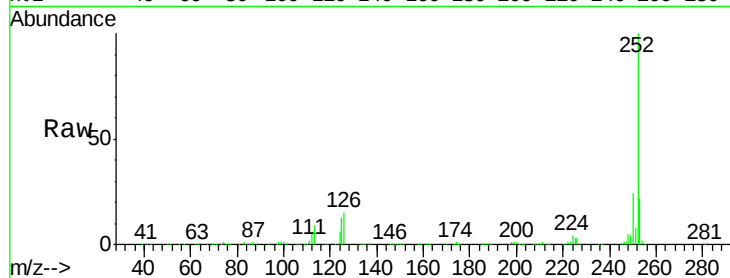
Tot Ion:252 Resp: 637348

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

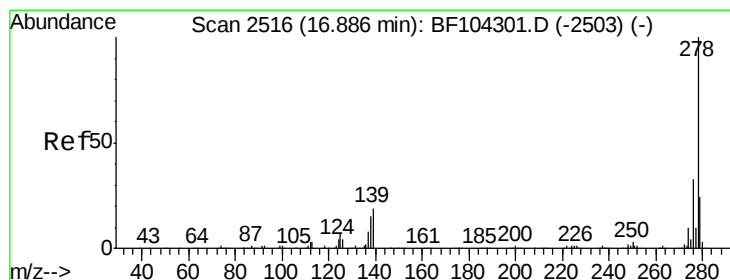
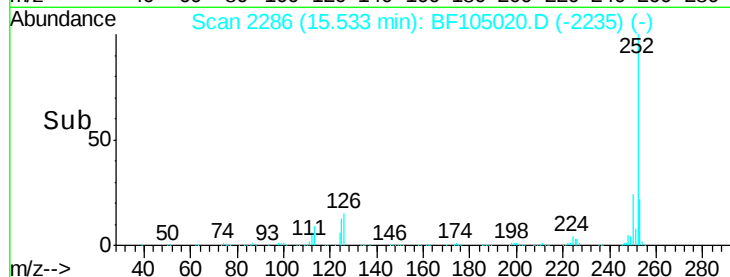
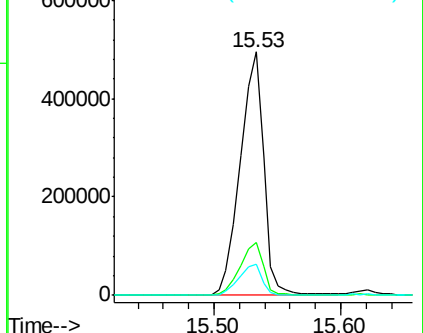
125 12.9 9.8 14.6



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: 40.495 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.00 min

Lab File: BF105020.D

Acq: 2 May 2018 10:23

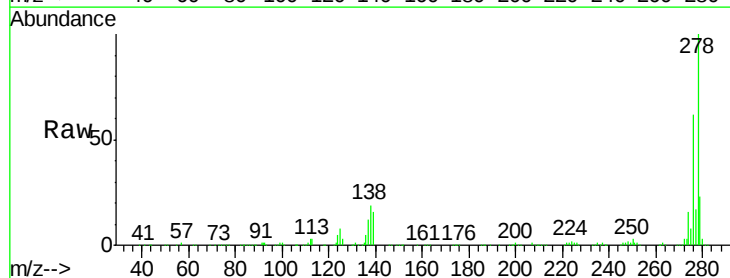
Tgt Ion:278 Resp: 530339

Ion Ratio Lower Upper

278 100

139 16.2 15.9 23.9

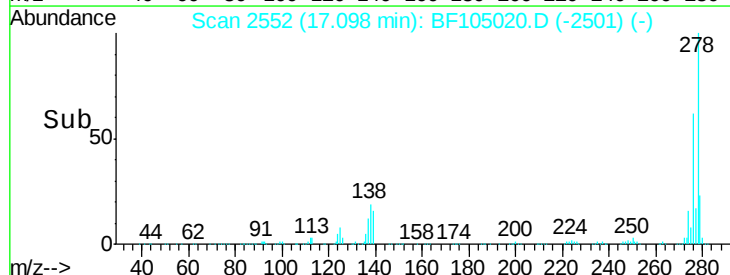
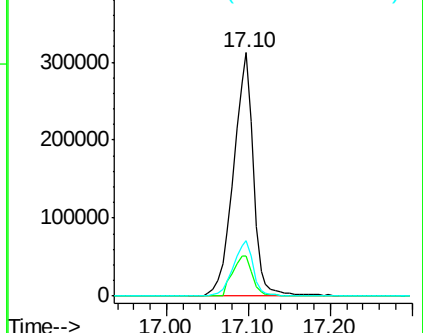
279 22.8 19.0 28.4

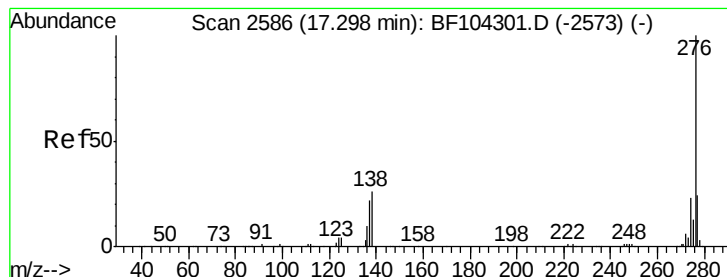


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

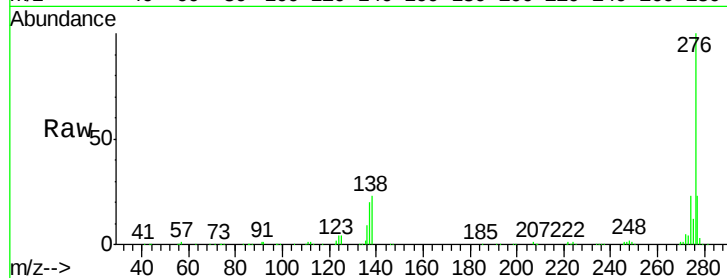




#91
 Benzo(a,h,i)perylene
 Concen: 42.504 ng
 RT: 17.53 min Scan# 2626
 Delta R.T. 0.00 min
 Lab File: BF105020.D
 Acq: 2 May 2018 10:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	23.1	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

