

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101022.D
 Acq On : 30 Nov 2017 17:30
 Operator : SJ/JU
 Sample : PB104614BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 00:32:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52048	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	209299	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	99307	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	193888	20.00	ng	0.00
75) Chrysene-d12	14.02	240	134813	20.00	ng	0.00
86) Perylene-d12	15.49	264	121973	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	298600	94.80	ng	0.00
7) Phenol-d6	6.49	99	360361	94.23	ng	0.00
23) Nitrobenzene-d5	7.42	82	216170	61.61	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	104900	87.93	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	476791	65.69	ng	0.00
78) Terphenyl-d14	12.96	244	464978	75.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	36080	27.701	ng	92
4) n-Nitrosodimethylamine	3.38	42	52311	31.721	ng	97
6) Aniline	6.52	93	56012	11.264	ng	98
8) 2-Chlorophenol	6.64	128	109290	31.823	ng	96
9) Benzaldehyde	6.40	77	48828	20.862	ng	95
10) Phenol	6.50	94	130125	30.602	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	97426	30.546	ng	98
12) 1,3-Dichlorobenzene	6.79	146	123560	30.898	ng	98
13) 1,4-Dichlorobenzene	6.87	146	126004	30.434	ng	98
14) 1,2-Dichlorobenzene	7.02	146	117561	30.442	ng	98
15) Benzyl Alcohol	6.99	79	92906	31.456	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	155093	35.774	ng	99
17) 2-Methylphenol	7.10	107	86949	31.354	ng	98
18) Hexachloroethane	7.36	117	40686	30.588	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	70199	27.258	ng	91
20) 3+4-Methylphenols	7.26	107	112806	31.191	ng	# 74
22) Acetophenone	7.26	105	141319	27.948	ng	# 91
24) Nitrobenzene	7.43	77	106652	31.015	ng	99
25) Isophorone	7.67	82	191232	31.909	ng	97
26) 2-Nitrophenol	7.75	139	57597	30.512	ng	95
27) 2,4-Dimethylphenol	7.79	122	94555	34.627	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	120526	29.922	ng	98
29) 2,4-Dichlorophenol	7.99	162	94252	31.709	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	101612	31.089	ng	95
31) Naphthalene	8.16	128	310279	30.079	ng	99
32) Benzoic acid	7.86	122	7195	3.388	ng	97
33) 4-Chloroaniline	8.20	127	62717	15.132	ng	99
34) Hexachlorobutadiene	8.27	225	58925	29.395	ng	97
35) Caprolactam	8.57	113	12836	13.857	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	94683	30.751	ng	99
37) 2-Methylnaphthalene	8.85	142	214381	30.586	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	100390	27.827	ng	# 97
40) Hexachlorocyclopentadiene	9.00	237	86651	67.850	ng	99
42) 2,4,6-Trichlorophenol	9.13	196	69268	32.754	ng	99

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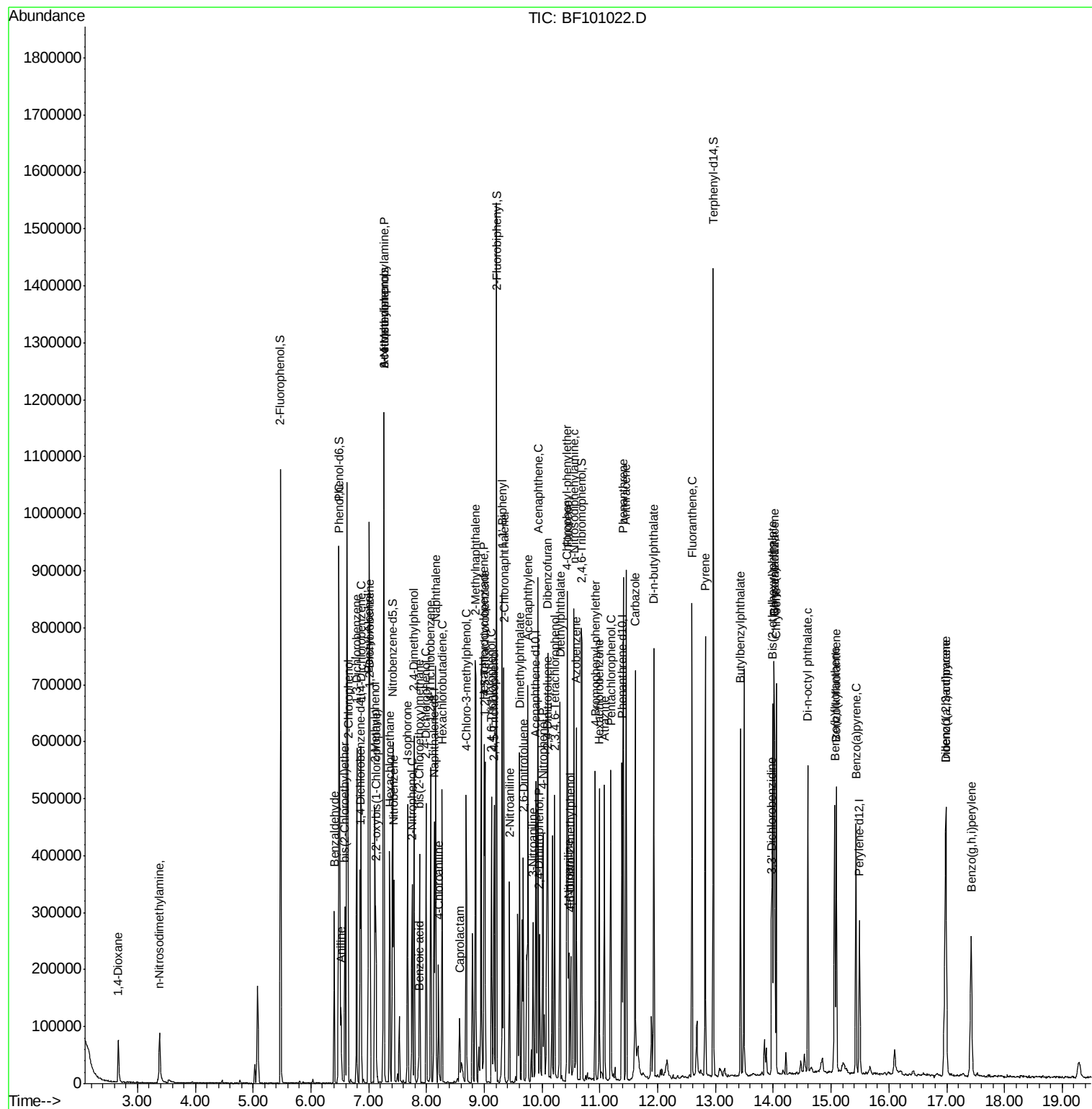
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	72289	31.973	nq	91
45) 1,1'-Biphenyl	9.31	154	256242	28.163	nq	97
46) 2-Chloronaphthalene	9.34	162	203892	31.555	nq	96
47) 2-Nitroaniline	9.43	65	58174	30.430	nq	97
48) Acenaphthylene	9.76	152	315013	29.665	nq	99
49) Dimethylphthalate	9.61	163	243581	30.414	nq	99
50) 2,6-Dinitrotoluene	9.68	165	51539	30.553	nq	# 79
51) Acenaphthene	9.93	154	184314	28.987	nq	98
52) 3-Nitroaniline	9.85	138	41531	21.893	nq	92
53) 2,4-Dinitrophenol	9.96	184	34123	41.792	nq	# 19
54) Dibenzofuran	10.10	168	278818	30.428	nq	98
55) 4-Nitrophenol	10.02	139	74491	58.227	nq	89
56) 2,4-Dinitrotoluene	10.09	165	70154	31.032	nq	# 87
57) Fluorene	10.44	166	224774	30.175	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	58106	32.098	nq	# 85
59) Diethylphthalate	10.31	149	224305	28.395	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	108101	29.393	nq	92
61) 4-Nitroaniline	10.46	138	43100	21.888	nq	89
62) Azobenzene	10.59	77	197663	29.485	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	28276	21.743	nq	83
65) n-Nitrosodiphenylamine	10.55	169	201027	29.389	nq	95
66) 4-Bromophenyl-phenylether	10.92	248	68374	31.505	nq	# 84
67) Hexachlorobenzene	10.99	284	71247	30.631	nq	# 80
68) Atrazine	11.07	200	64421	30.703	nq	95
69) Pentachlorophenol	11.19	266	64449	50.394	nq	97
70) Phenanthrene	11.40	178	327251	30.649	nq	97
71) Anthracene	11.46	178	339067	31.377	nq	99
72) Carbazole	11.61	167	279273	28.285	nq	98
73) Di-n-butylphthalate	11.93	149	351946	28.439	nq	98
74) Fluoranthene	12.59	202	337672	28.530	nq	96
77) Pyrene	12.82	202	333225	35.821	nq	99
79) Butylbenzylphthalate	13.43	149	128739	31.389	nq	95
80) Benzo(a)anthracene	14.01	228	261721	30.748	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	55947	18.979	nq	98
82) Chrysene	14.05	228	248669	31.457	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	167243	28.599	nq	99
84) Di-n-octyl phthalate	14.60	149	251139	25.793	nq	99
85) Indeno(1,2,3-cd)pyrene	16.98	276	253047	36.005	nq	# 93
87) Benzo(b)fluoranthene	15.06	252	217766	29.807	nq	98
88) Benzo(k)fluoranthene	15.09	252	217991	30.285	nq	# 97
89) Benzo(a)pyrene	15.43	252	211101	31.783	nq	97
90) Dibenzo(a,h)anthracene	16.99	278	210254	35.907	nq	# 93
91) Benzo(g,h,i)perylene	17.43	276	216742	39.277	nq	# 92

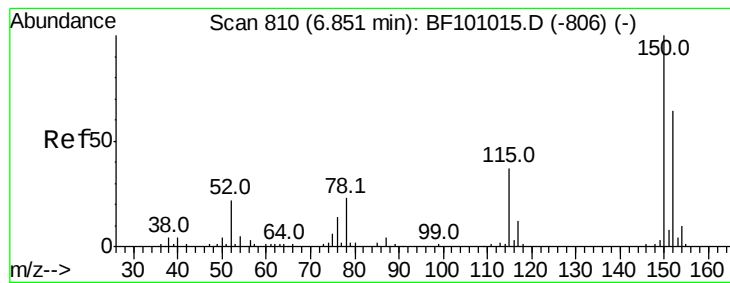
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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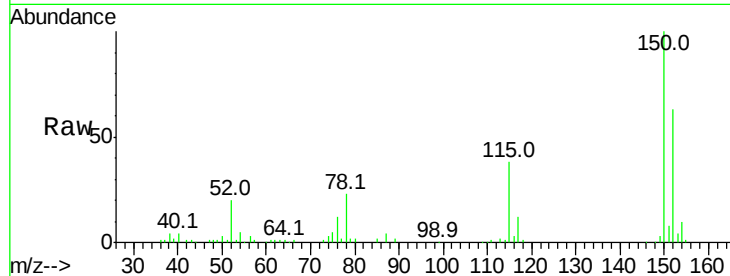


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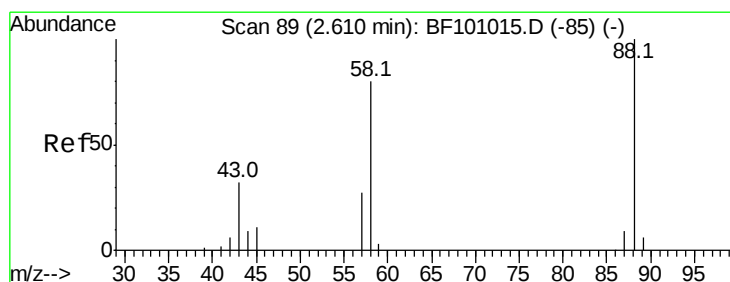
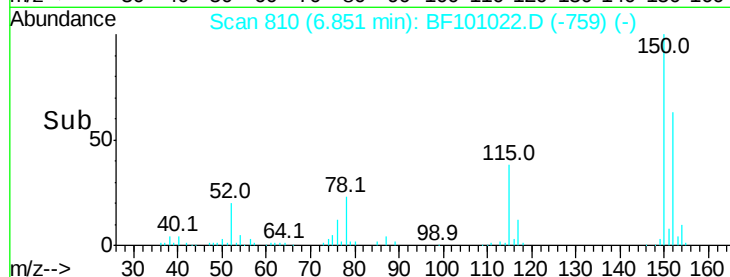
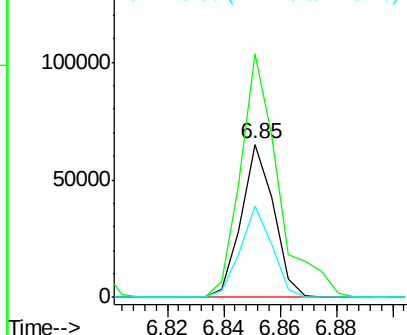
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 52048
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.6 186.8
 115 59.9 50.1 75.1



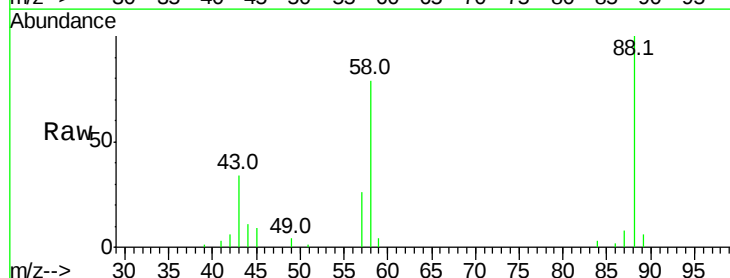
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



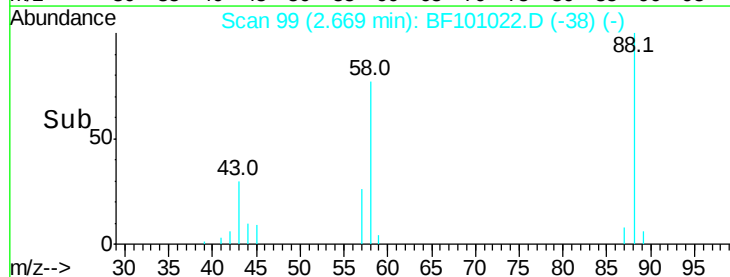
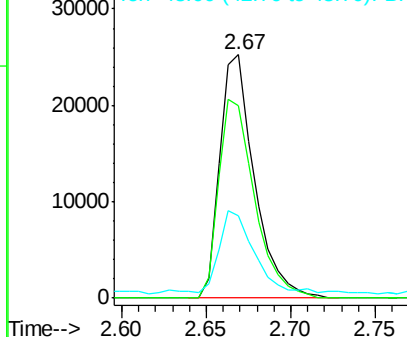
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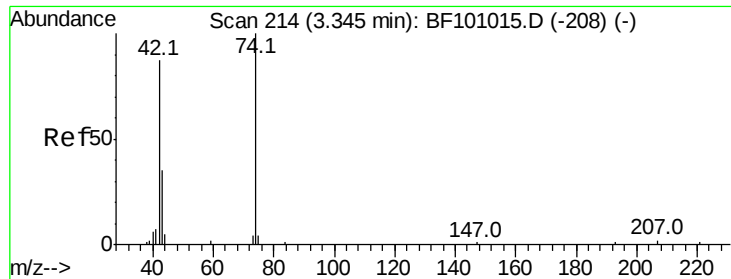
1,4-Dioxane
 Concen: 27.701 ng
 RT: 2.67 min Scan# 99
 Delta R.T. 0.06 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Tgt Ion: 88 Resp: 36080
 Ion Ratio Lower Upper
 88 100
 58 84.6 62.6 93.8
 43 36.2 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



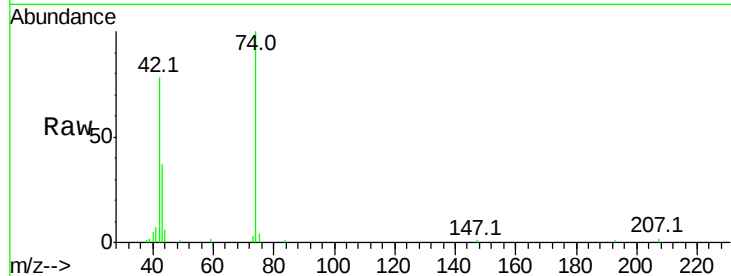


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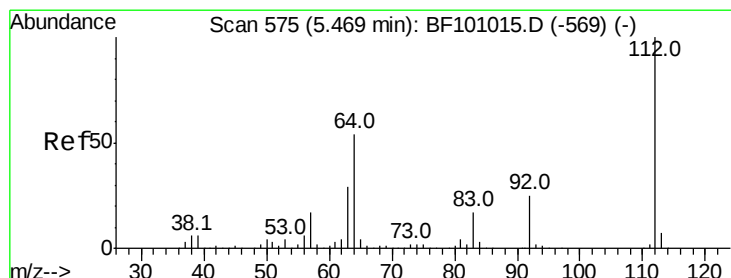
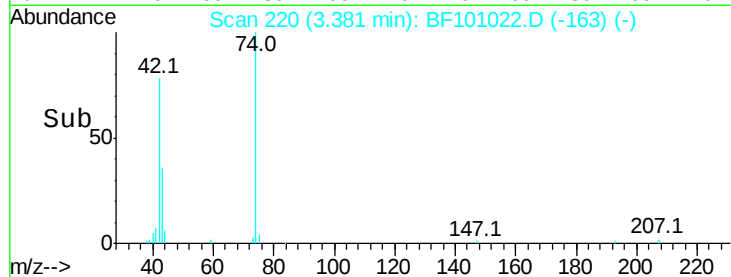
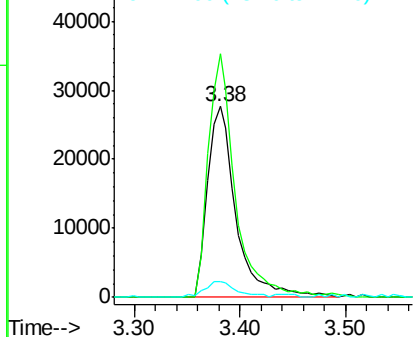
n-Nitrosodimethylamine
 Concen: 31.721 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.04 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 42 Resp: 52311
 Ion Ratio Lower Upper
 42 100
 74 127.7 104.9 157.3
 44 8.2 6.9 10.3



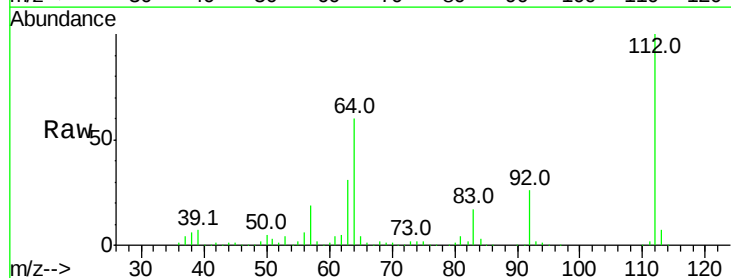
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



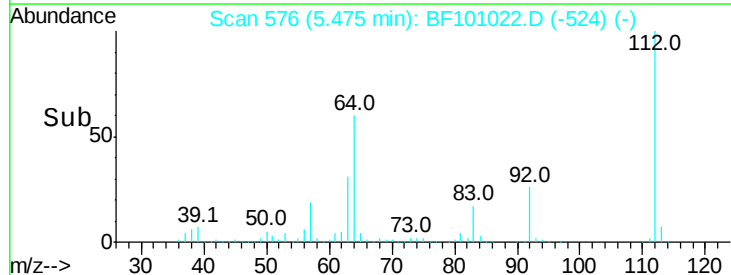
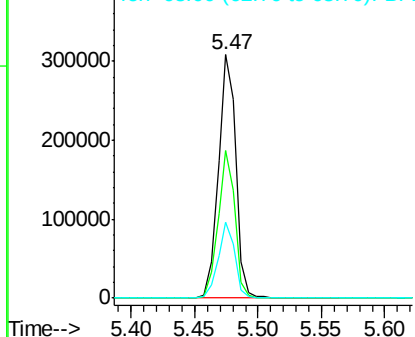
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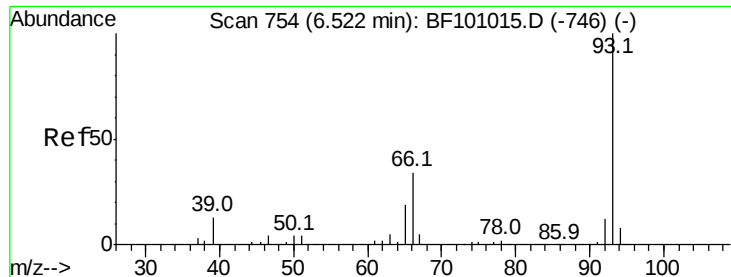
2-Fluorophenol
 Concen: 94.801 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Tgt Ion: 112 Resp: 298600
 Ion Ratio Lower Upper
 112 100
 64 60.4 47.9 71.9
 63 31.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 11.264 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampled :

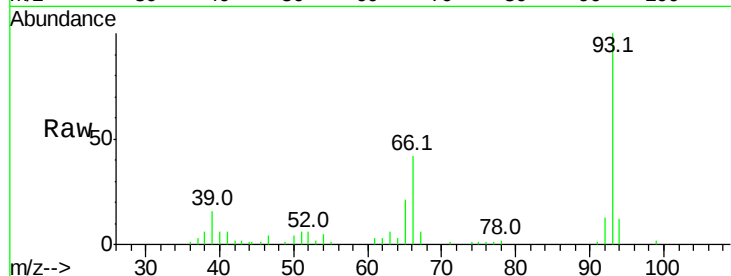
Tot Ion: 93 Resp: 56012

Ion Ratio Lower Upper

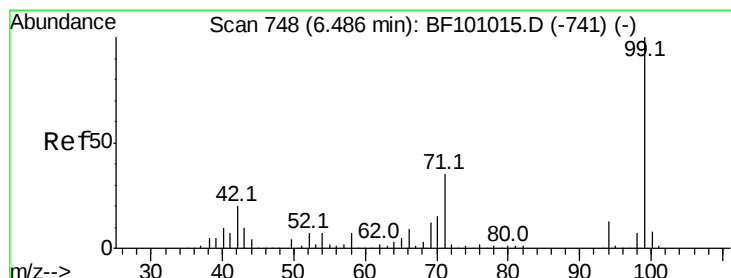
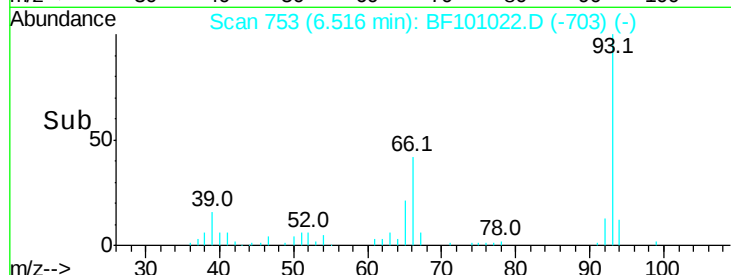
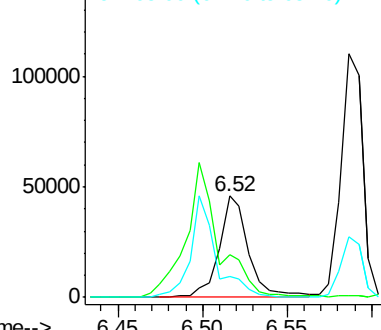
93 100

66 42.0 32.2 48.2

65 20.7 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: 94.234 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

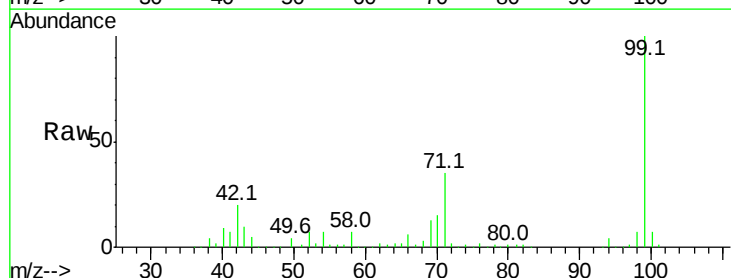
Tgt Ion: 99 Resp: 360361

Ion Ratio Lower Upper

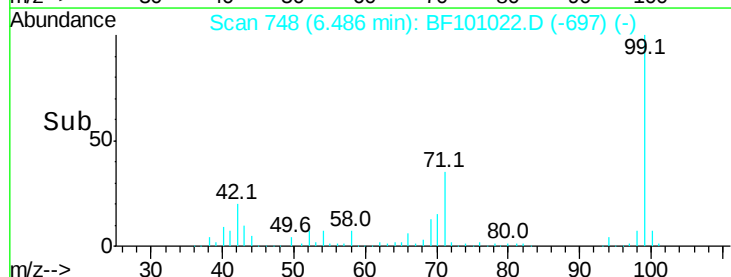
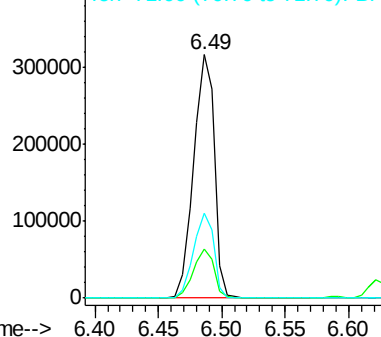
99 100

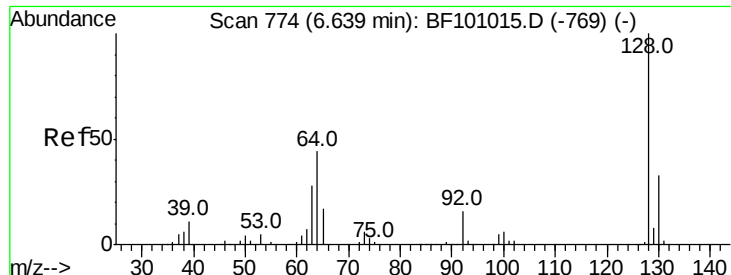
42 20.0 14.5 21.7

71 34.9 25.4 38.0



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





#8

2-Chlorophenol

Concen: 31.823 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampled :

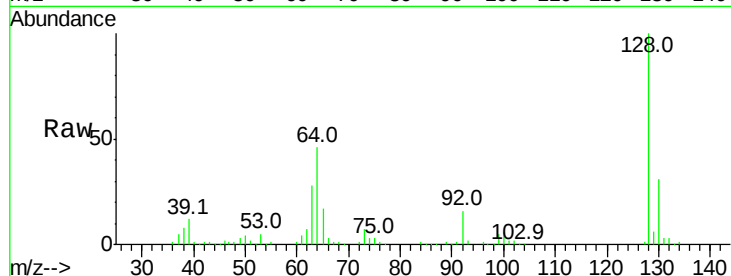
Tot Ion:128 Resp: 109290

Ion Ratio Lower Upper

128 100

130 30.8 13.0 53.0

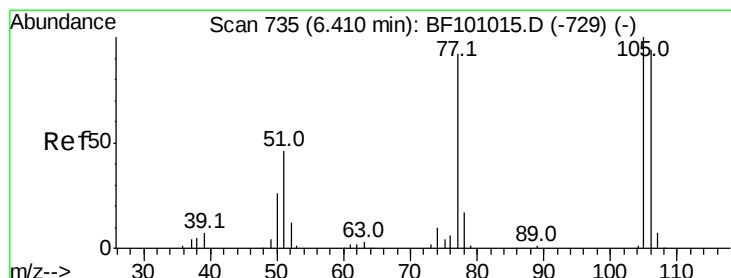
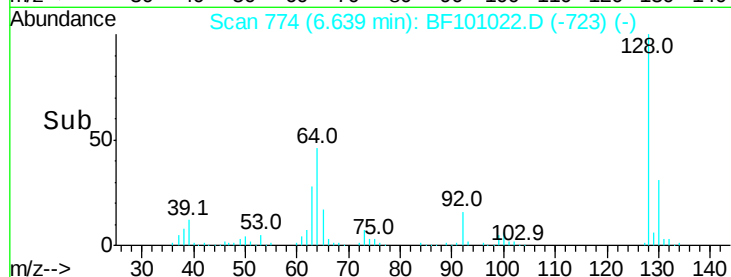
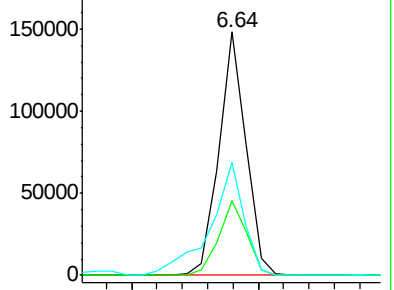
64 46.4 29.4 69.4



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: 20.862 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

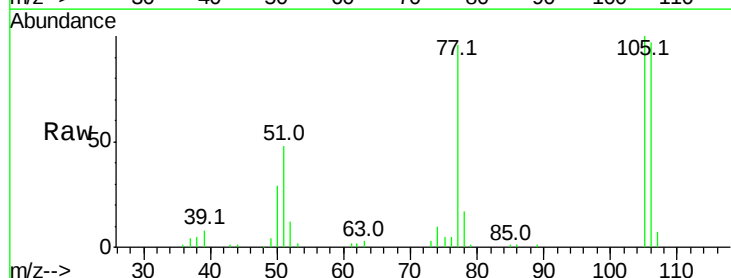
Tgt Ion: 77 Resp: 48828

Ion Ratio Lower Upper

77 100

105 104.7 81.1 121.1

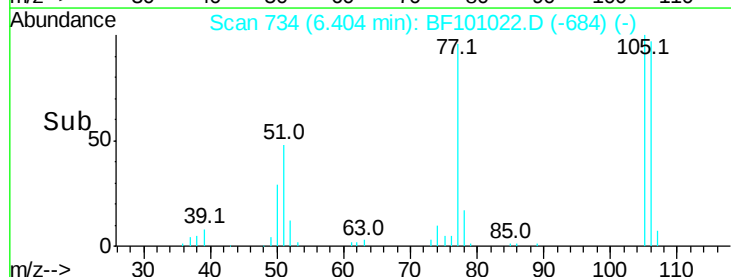
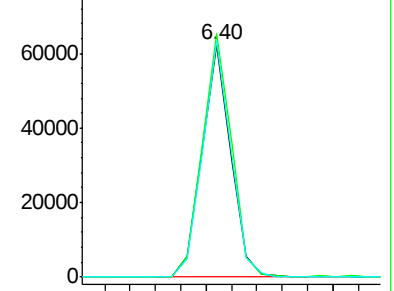
106 101.4 74.5 114.5

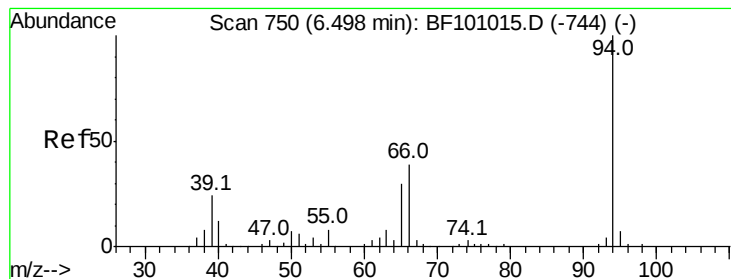


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 30.602 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

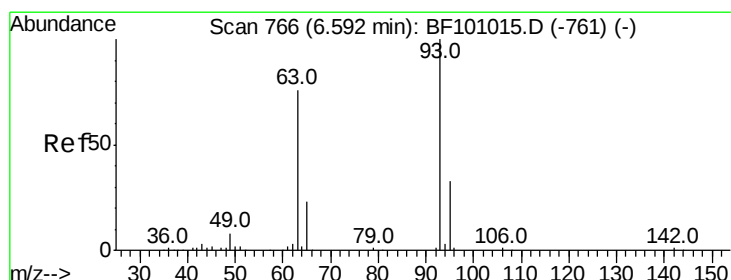
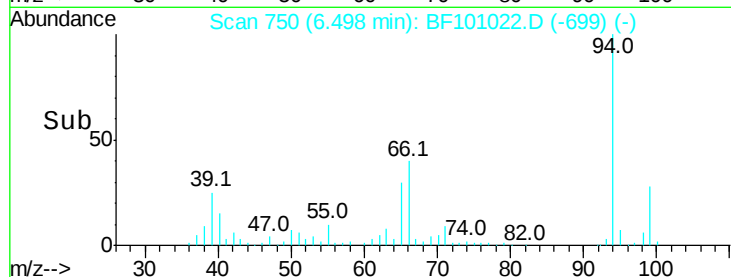
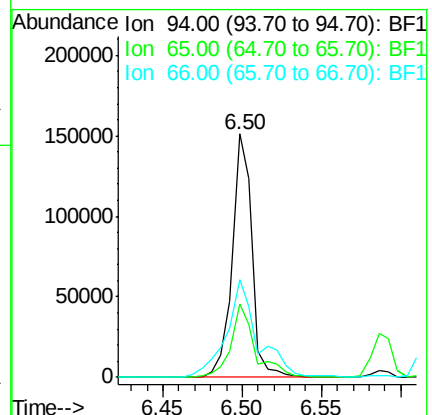
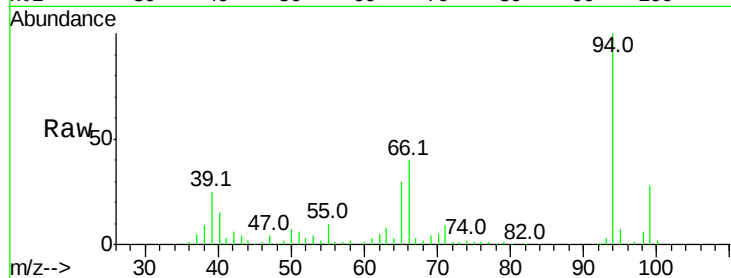
Instrument :

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ClientSampleId :

Tot Ion: 94 Resp: 130125

Ion	Ratio	Lower	Upper
94	100		
65	30.4	7.9	47.9
66	40.4	16.2	56.2



#11

bis(2-Chloroethyl)ether

Concen: 30.546 ng

RT: 6.59 min Scan# 765

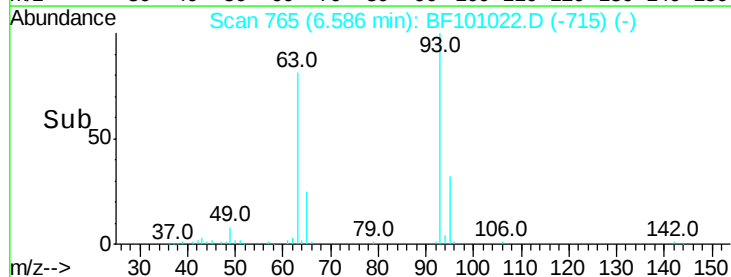
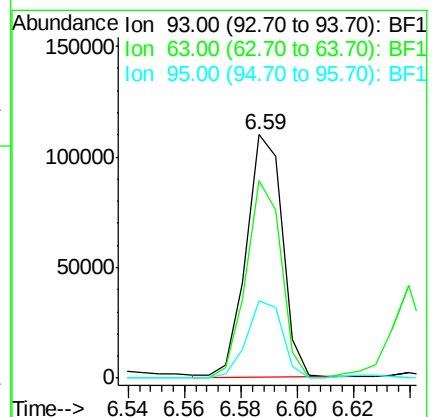
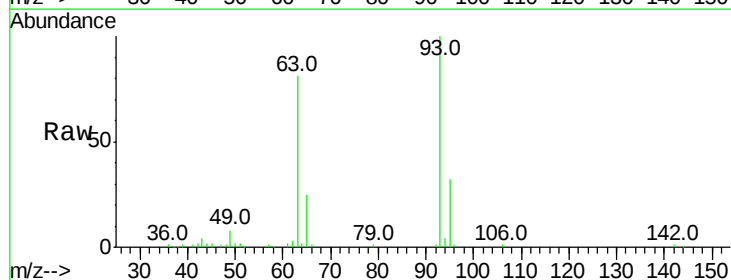
Delta R.T. -0.01 min

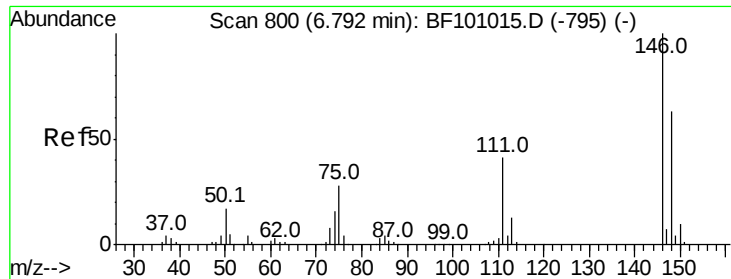
Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Tgt Ion: 93 Resp: 97426

Ion	Ratio	Lower	Upper
93	100		
63	81.1	58.6	98.6
95	31.6	11.8	51.8





#12

1,3-Dichlorobenzene

Concen: 30.898 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampleId :

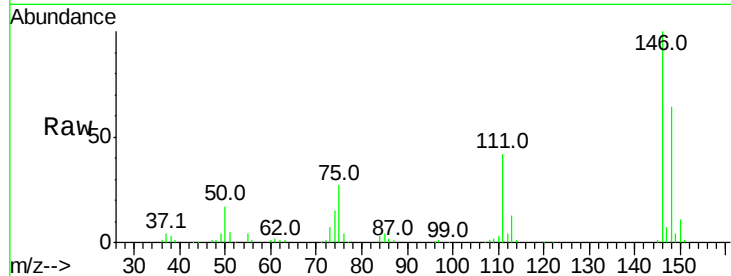
Tot Ion:146 Resp: 123560

Ion Ratio Lower Upper

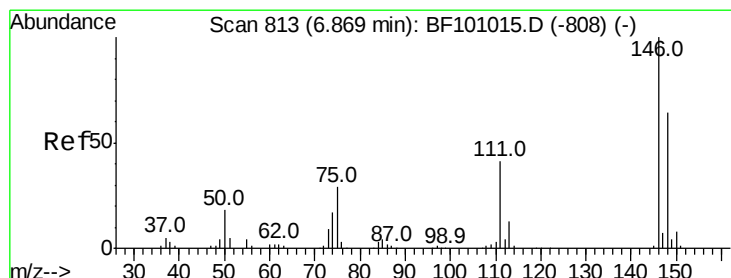
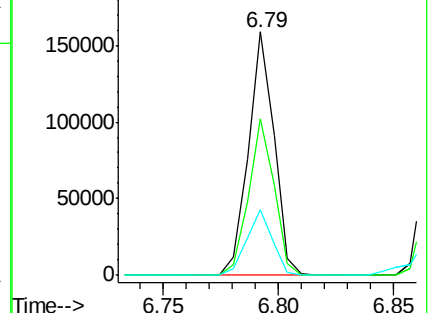
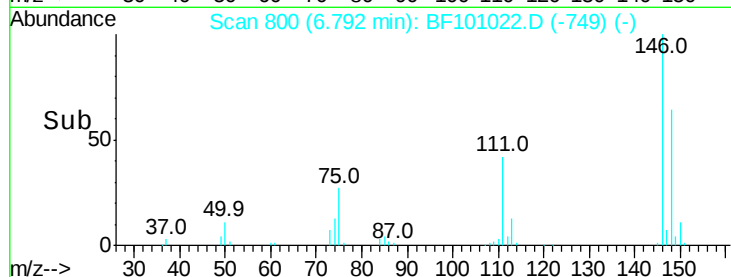
146 100

148 64.4 51.8 77.8

75 27.2 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: 30.434 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

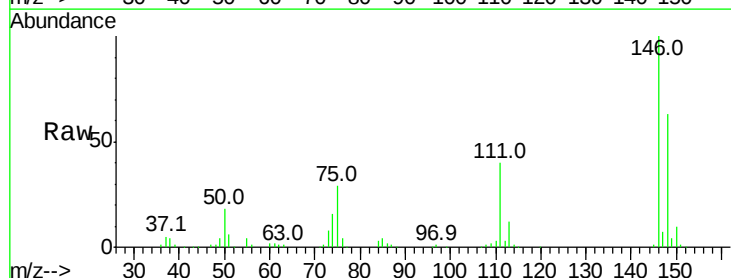
Tgt Ion:146 Resp: 126004

Ion Ratio Lower Upper

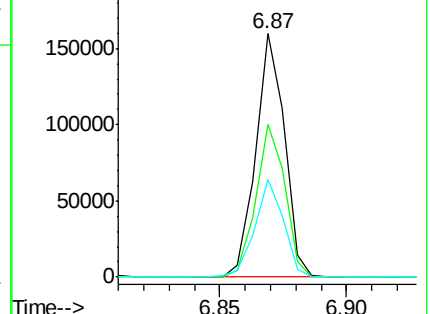
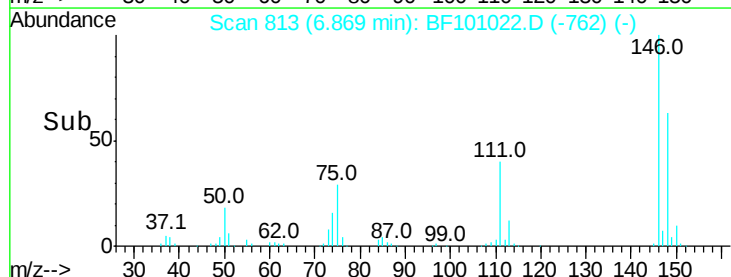
146 100

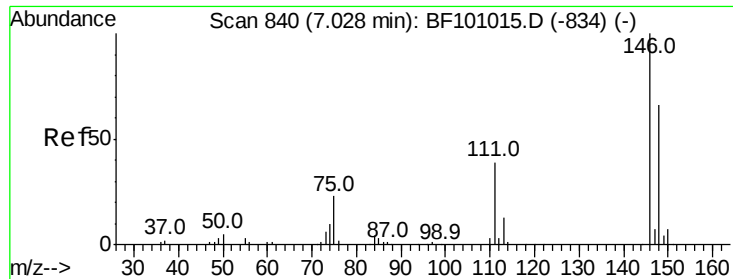
148 62.7 50.8 76.2

111 40.1 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: 30.442 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampleId :

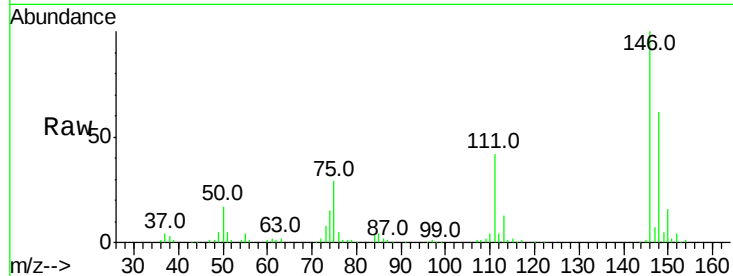
Tot Ion:146 Resp: 117561

Ion Ratio Lower Upper

146 100

148 62.4 50.6 75.8

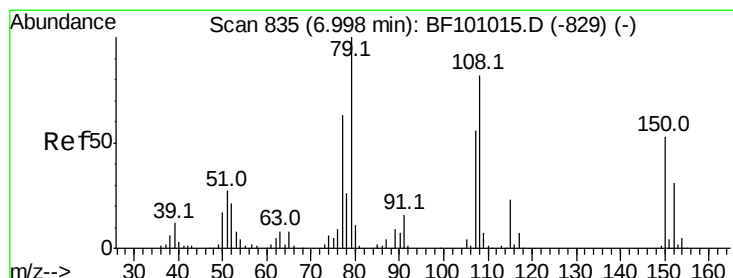
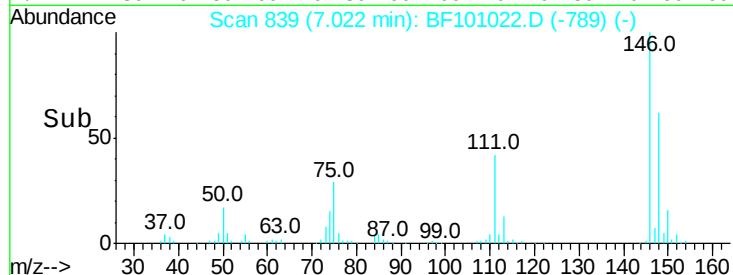
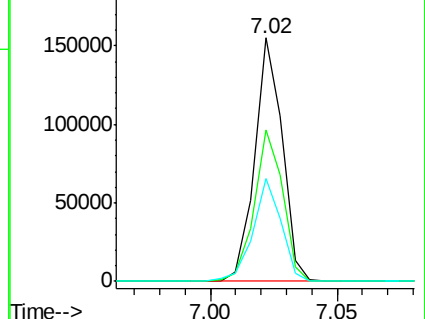
111 42.2 36.0 54.0



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: 31.456 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

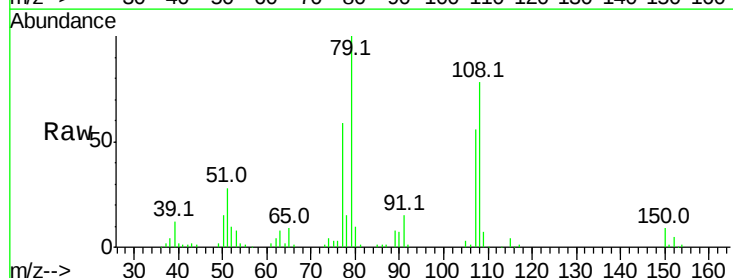
Tgt Ion: 79 Resp: 92906

Ion Ratio Lower Upper

79 100

108 77.9 65.1 97.7

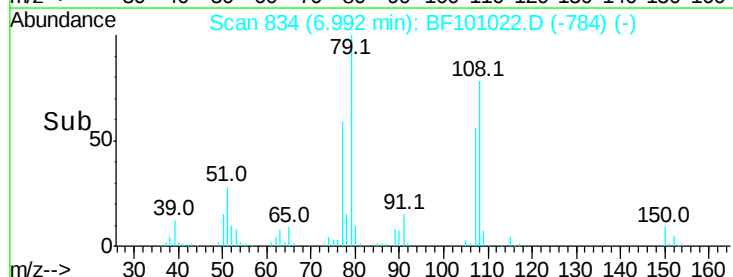
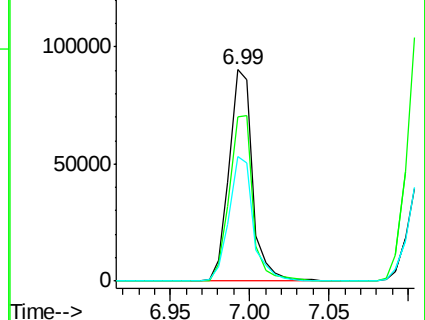
77 59.0 50.6 75.8

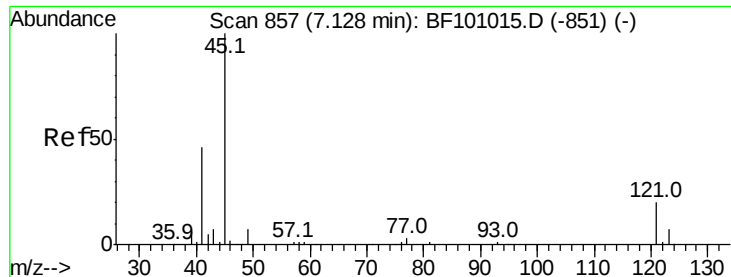


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

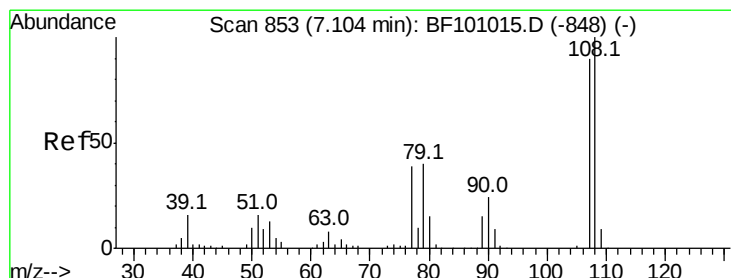
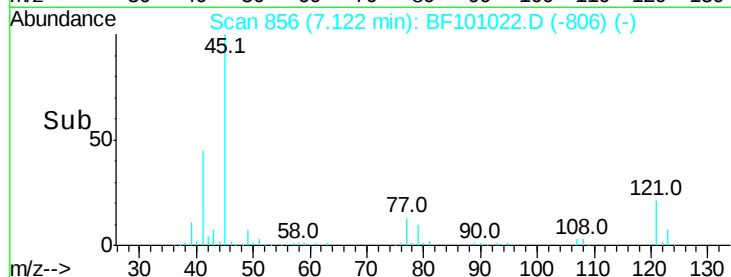
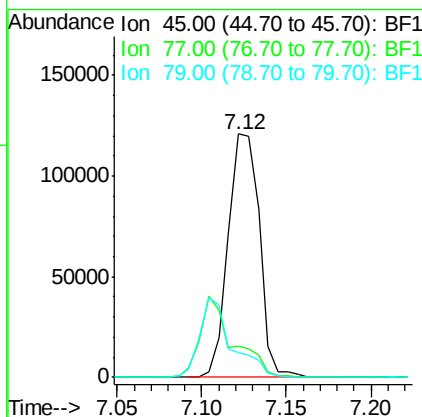
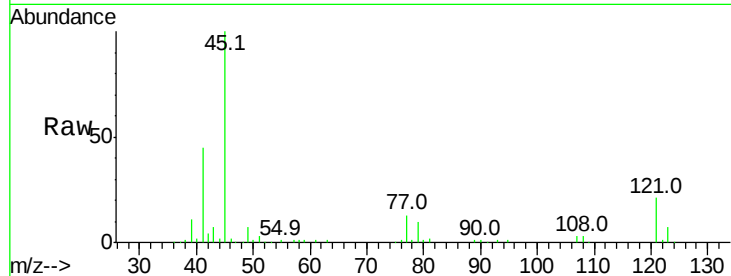




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 35.774 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

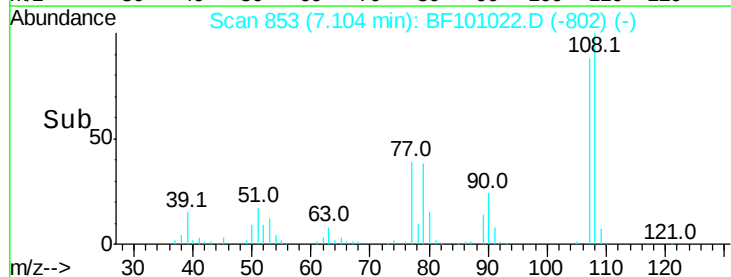
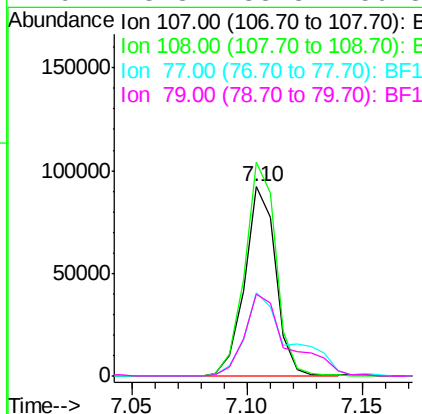
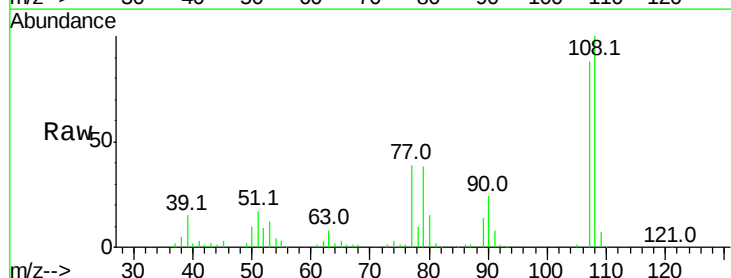
Instrument :
BNA_F
ClientSampleId :

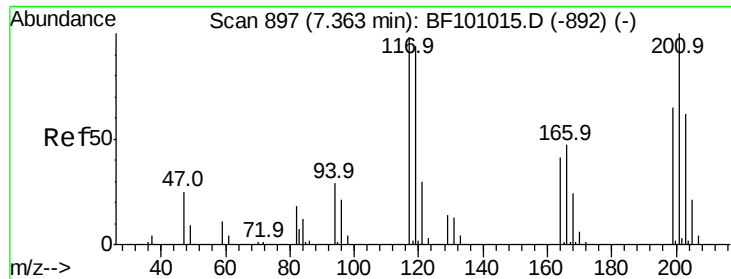
Tot Ion: 45 Resp: 155093
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.9
79 10.0 0.0 29.6



#17
2-Methylphenol
Concen: 31.354 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion: 107 Resp: 86949
Ion Ratio Lower Upper
107 100
108 113.1 91.7 137.5
77 43.8 33.8 50.8
79 43.3 33.8 50.8

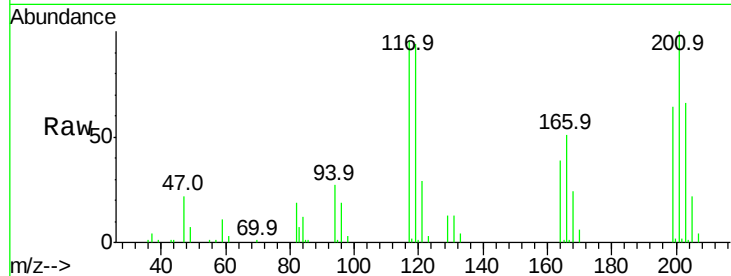




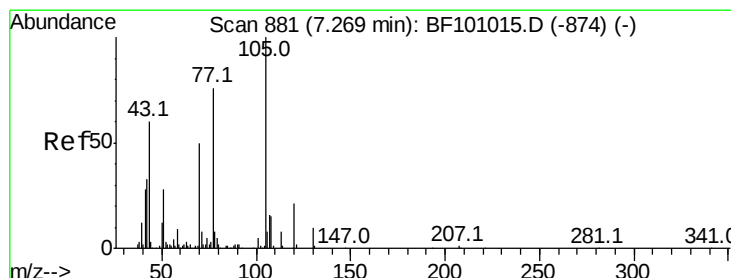
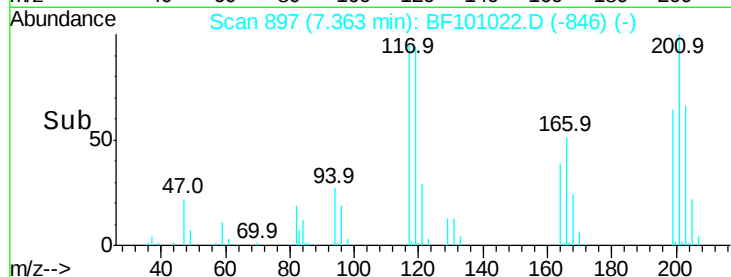
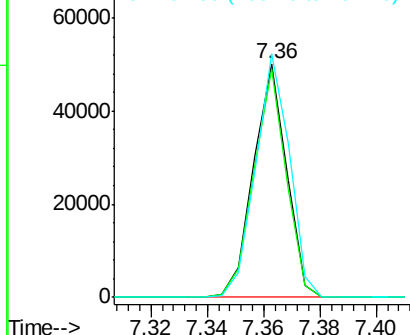
#18
Hexachloroethane
Concen: 30.588 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 40686
Ion Ratio Lower Upper
117 100
119 97.9 75.8 113.8
201 104.3 75.7 113.5

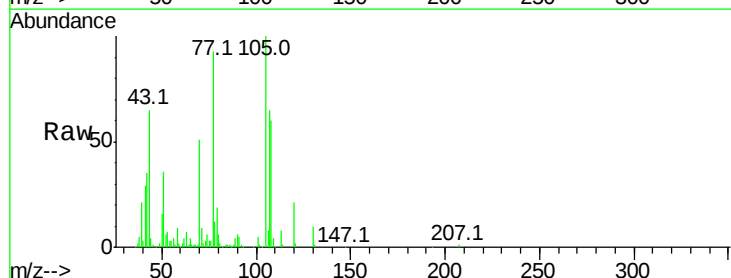


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

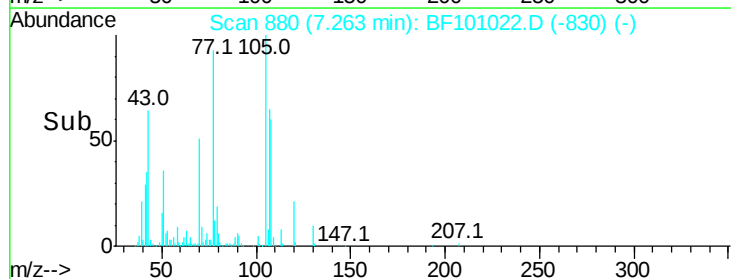
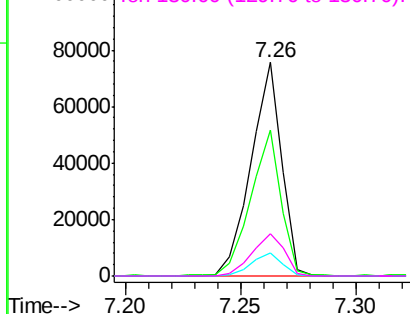


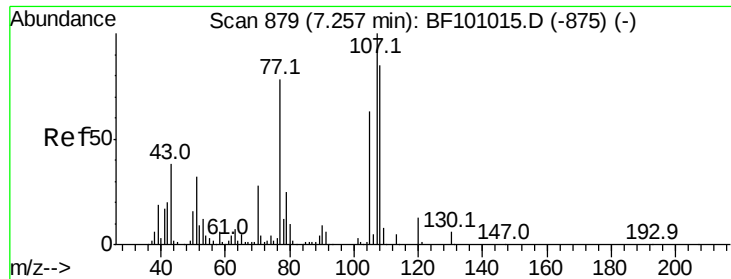
#19
n-Nitroso-di-n-propylamine
Concen: 27.258 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion: 70 Resp: 70199
Ion Ratio Lower Upper
70 100
42 68.3 47.5 71.3
101 10.8 7.4 11.2
130 19.9 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): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 31.191 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 112806

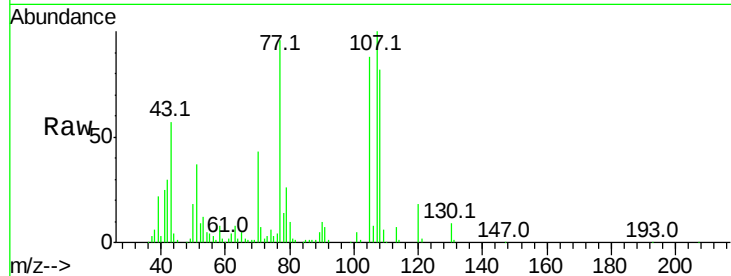
Ion Ratio Lower Upper

107 100

108 81.8 68.2 108.2

77 96.2 26.7 66.7#

79 25.6 6.3 46.3

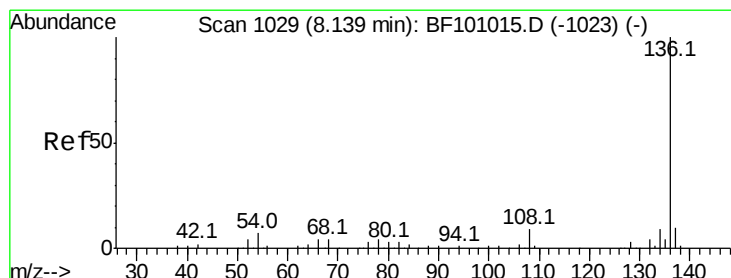
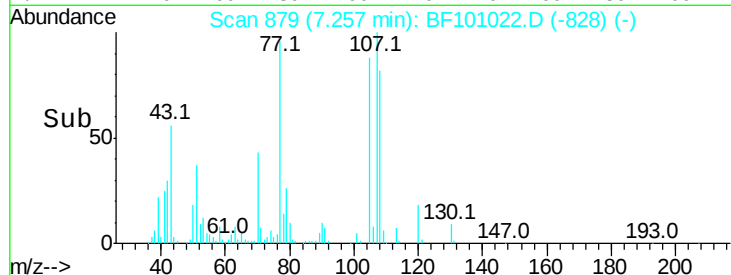
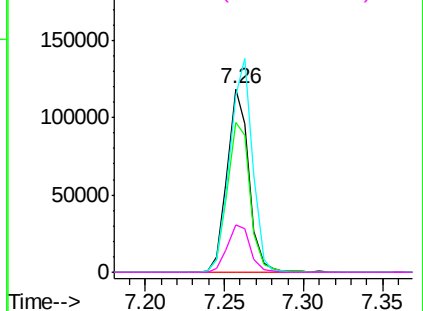


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Tgt Ion:136 Resp: 209299

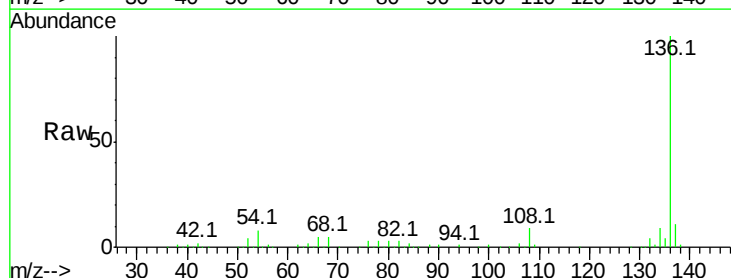
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.9 6.6 9.8

68 5.2 5.0 7.4

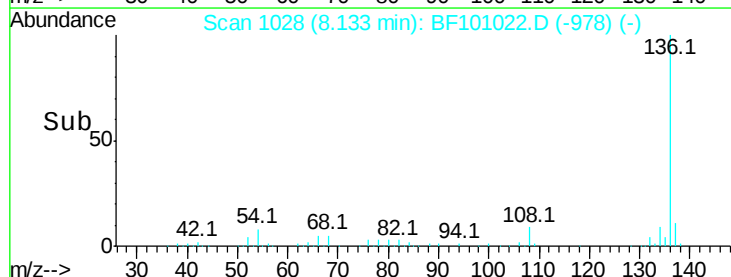
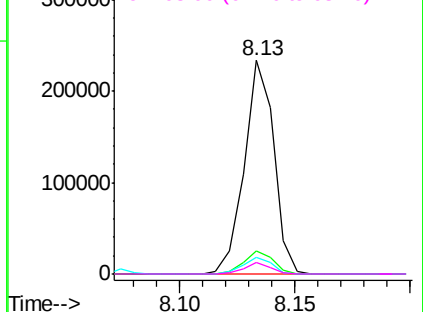


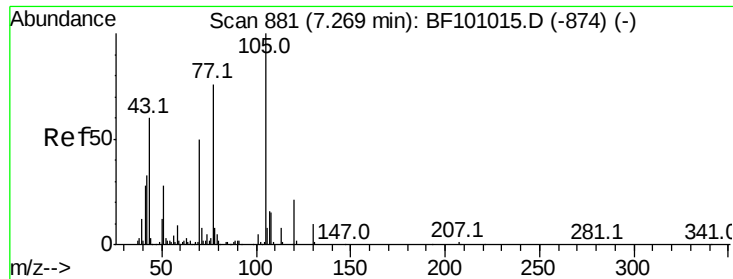
Abundance Ion 136.00 (135.70 to 136.70): E

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: 27.948 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 141319

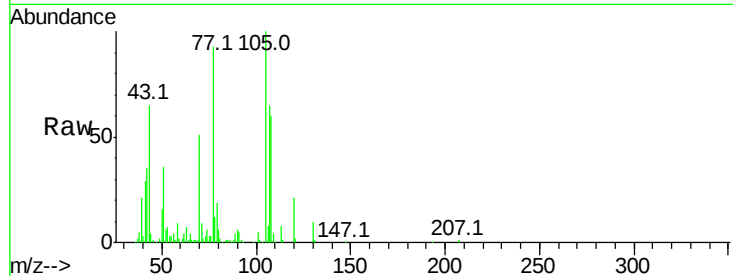
Ion Ratio Lower Upper

105 100

71 8.7 4.4 6.6#

51 35.6 22.3 33.5#

120 21.0 16.9 25.3

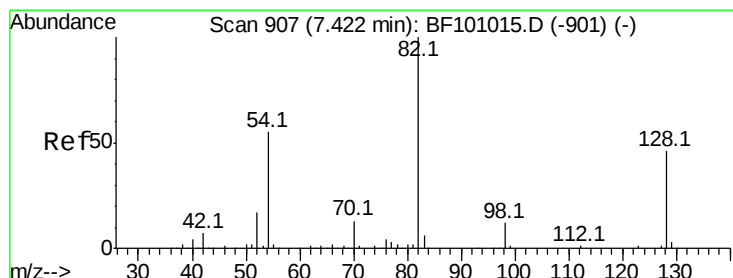
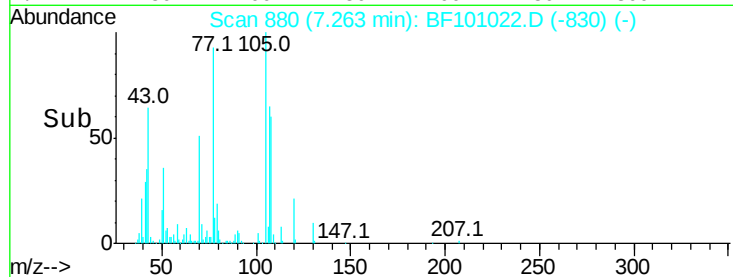
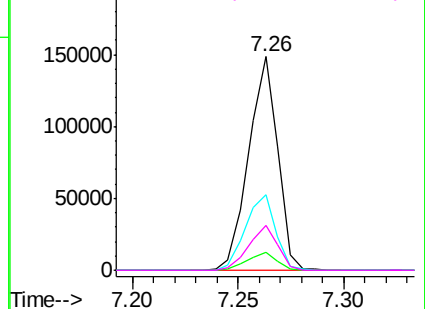


Abundance Ion 105.00 (104.70 to 105.70): E

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: 61.611 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

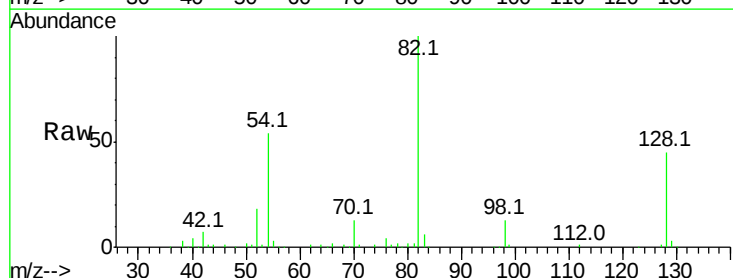
Tgt Ion: 82 Resp: 216170

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

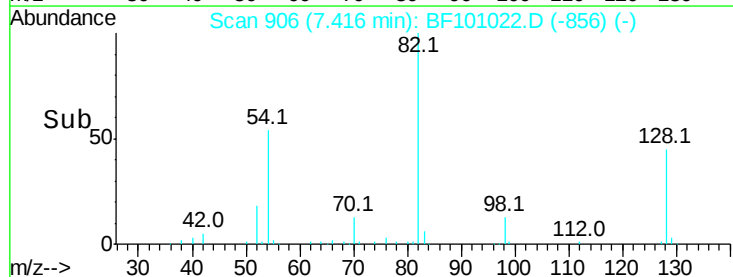
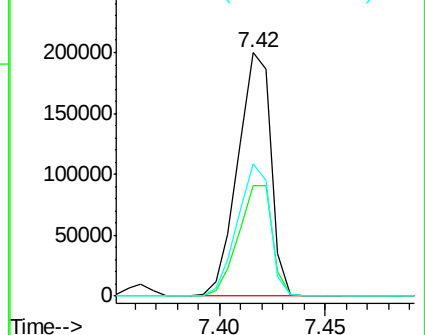
54 54.2 41.4 62.2

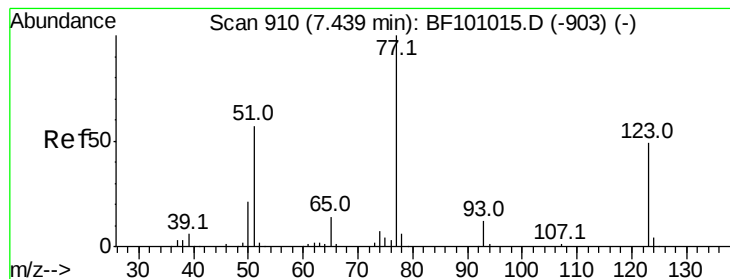


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 31.015 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampleId :

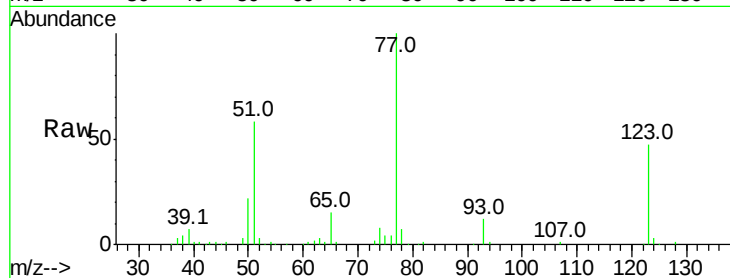
Tot Ion: 77 Resp: 106652

Ion Ratio Lower Upper

77 100

123 47.1 37.9 56.9

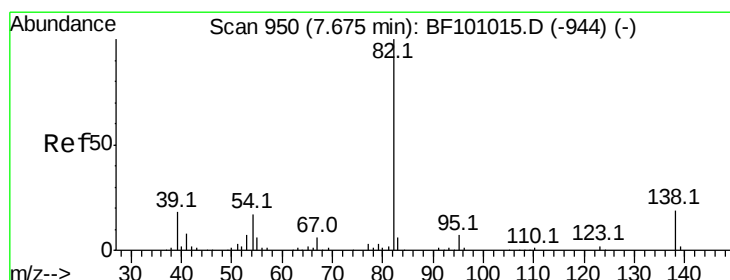
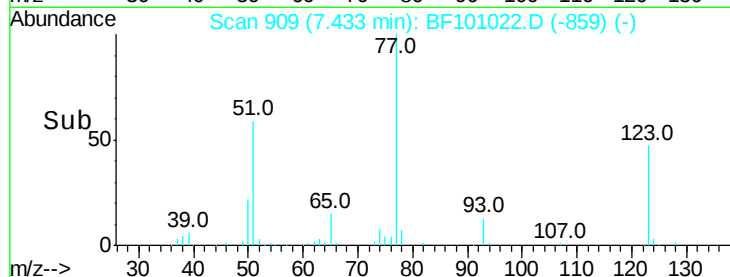
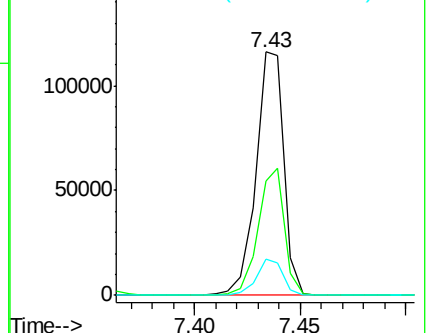
65 15.0 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 31.909 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

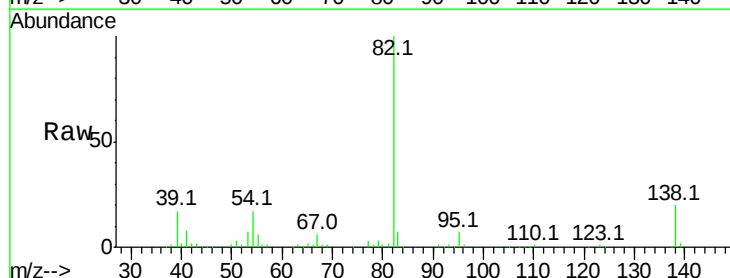
Tgt Ion: 82 Resp: 191232

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

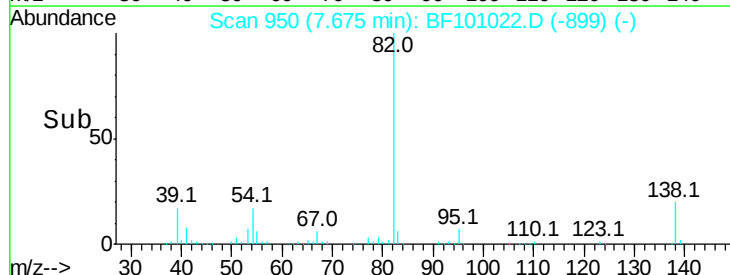
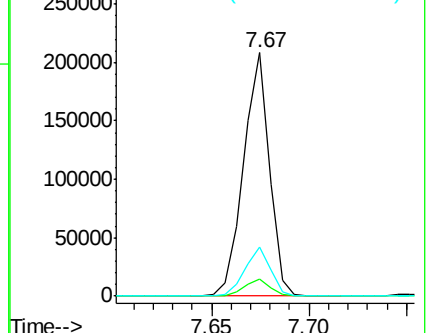
138 20.1 14.9 22.3

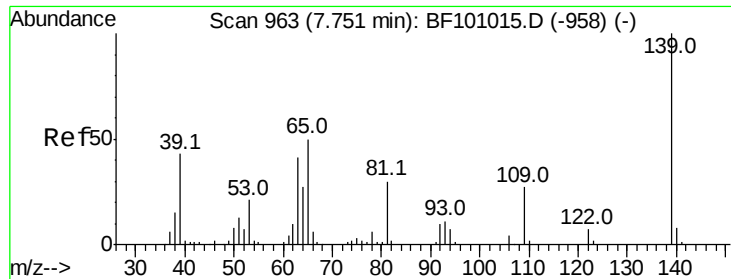


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

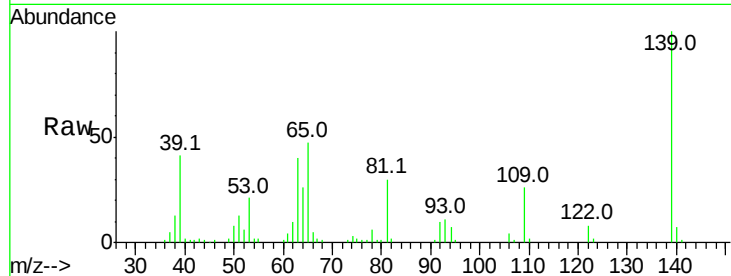




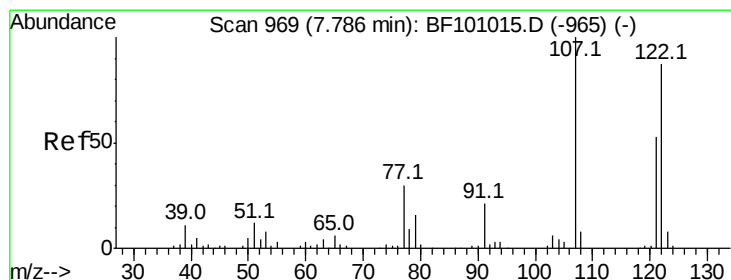
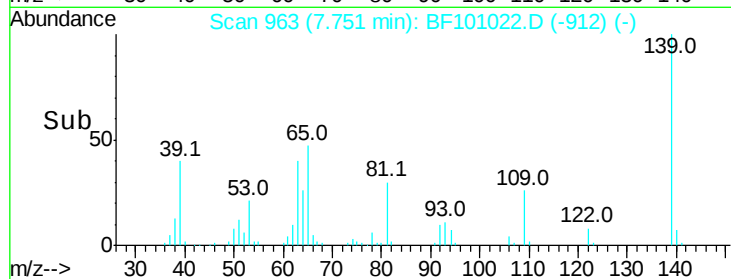
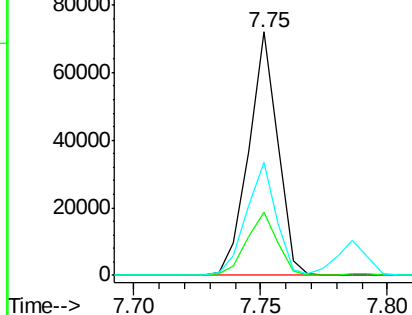
#26
2-Nitrophenol
Concen: 30.512 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	25.8	22.7	34.1
65	46.7	40.5	60.7

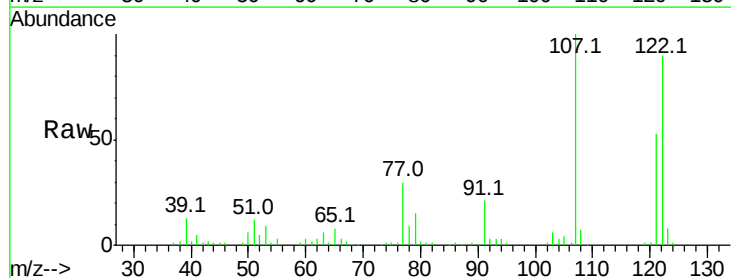


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

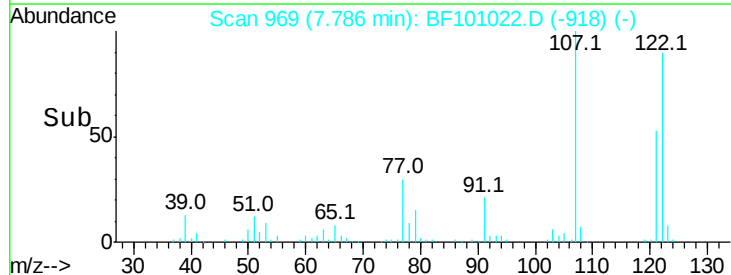
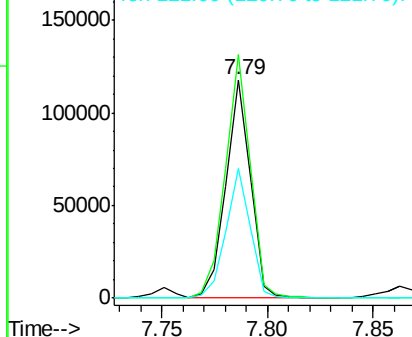


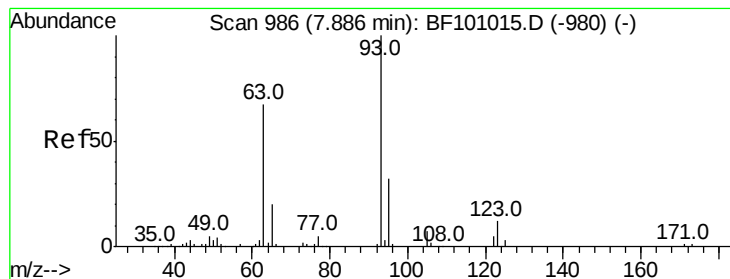
#27
2,4-Dimethylphenol
Concen: 34.627 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.6	91.2	136.8
121	59.4	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: 29.922 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampleId :

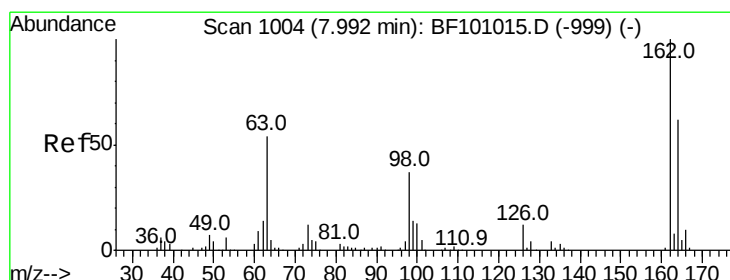
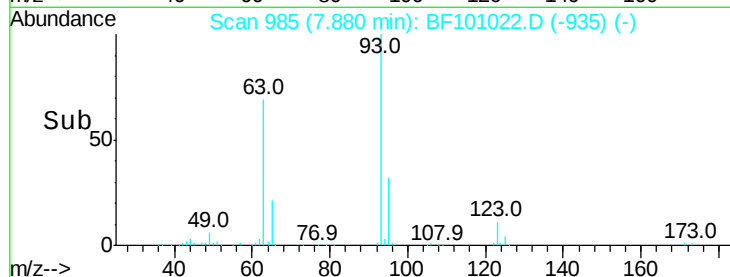
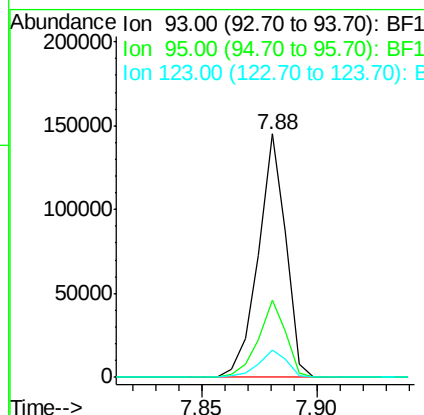
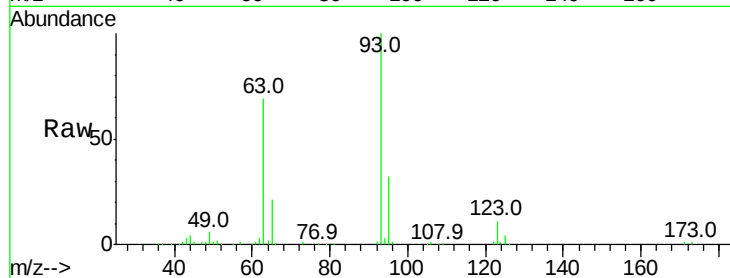
Tot Ion: 93 Resp: 120526

Ion Ratio Lower Upper

93 100

95 31.7 26.3 39.5

123 11.4 9.8 14.6



#29

2,4-Dichlorophenol

Concen: 31.709 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

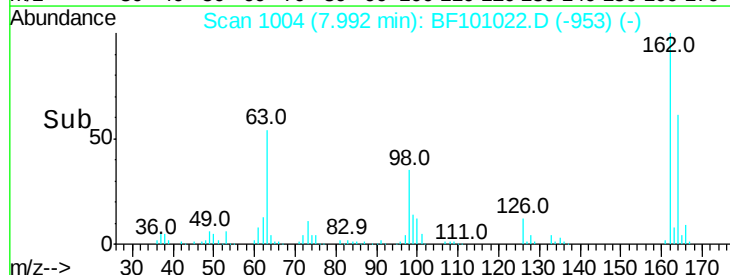
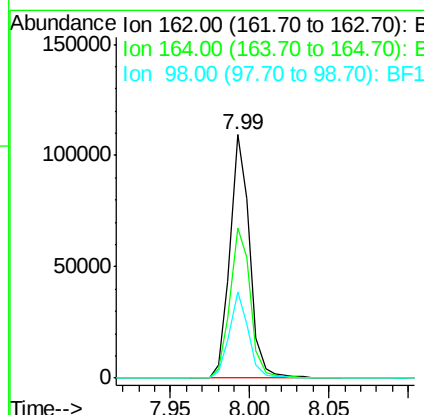
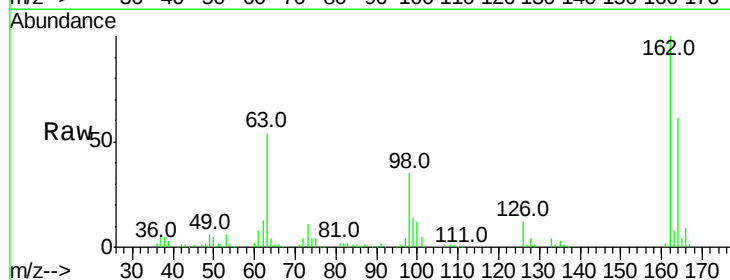
Tgt Ion:162 Resp: 94252

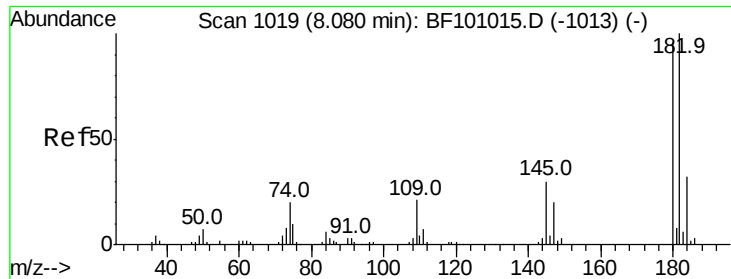
Ion Ratio Lower Upper

162 100

164 61.5 42.7 82.7

98 35.4 18.1 58.1

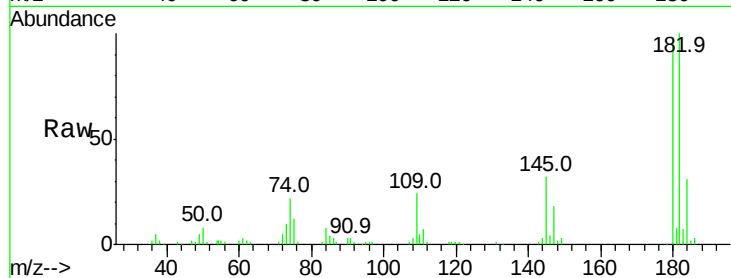




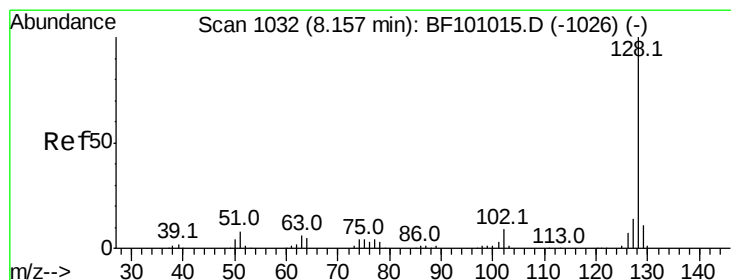
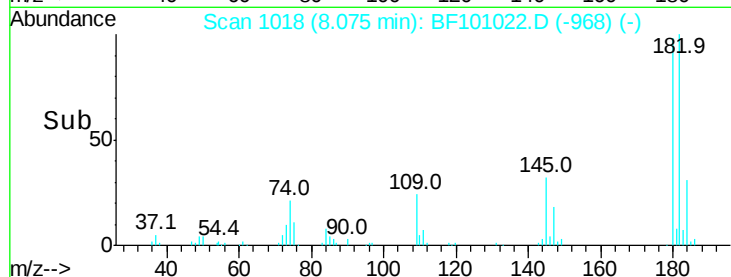
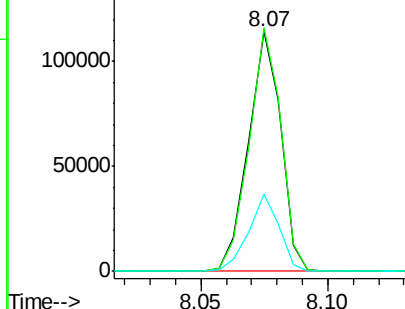
#30
 1,2,4-Trichlorobenzene
 Concen: 31.089 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 101612
 Ion Ratio Lower Upper
 180 100
 182 101.7 76.8 115.2
 145 32.5 26.5 39.7

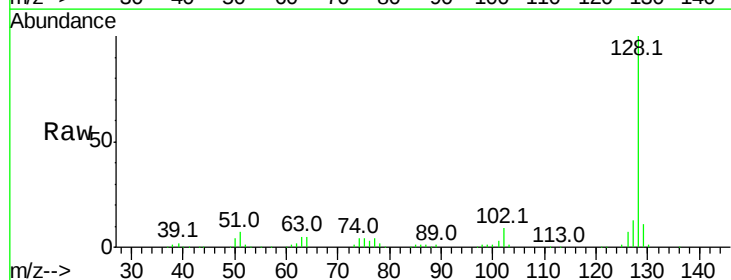


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

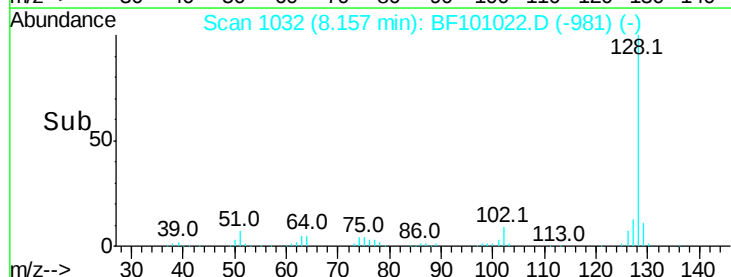
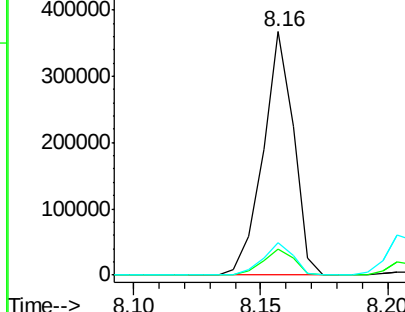


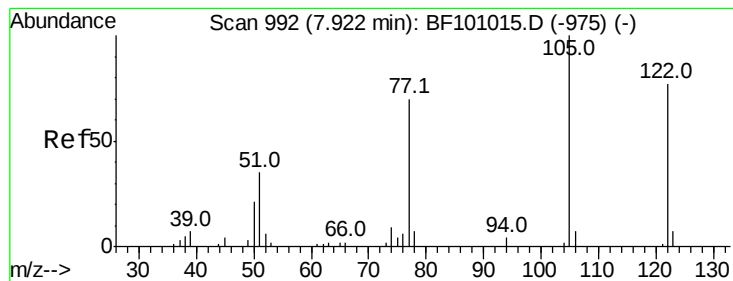
#31
 Naphthalene
 Concen: 30.079 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Tgt Ion:128 Resp: 310279
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.8 13.2
 127 13.2 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: 3.388 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.06 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampled :

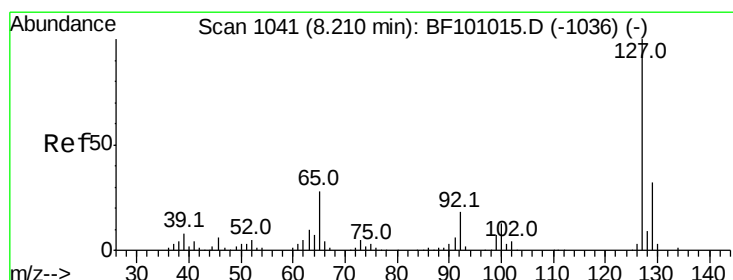
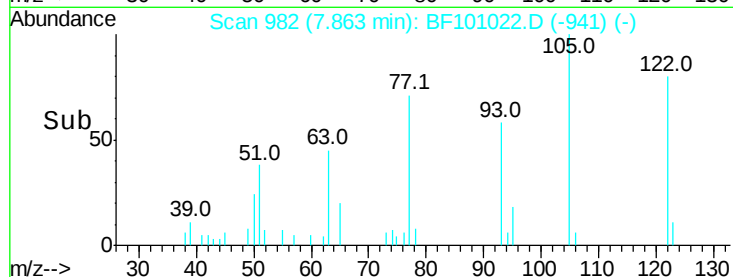
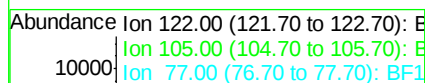
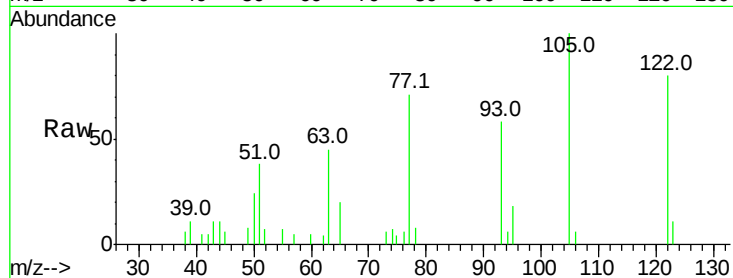
Tot Ion:122 Resp: 7195

Ion Ratio Lower Upper

122 100

105 125.5 101.1 141.1

77 88.7 70.7 110.7



#33

4-Chloroaniline

Concen: 15.132 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Tgt Ion:127 Resp: 62717

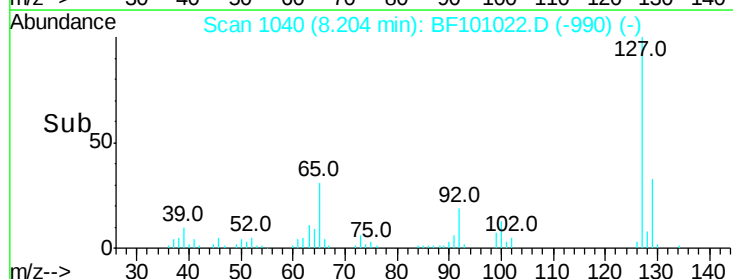
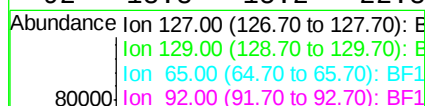
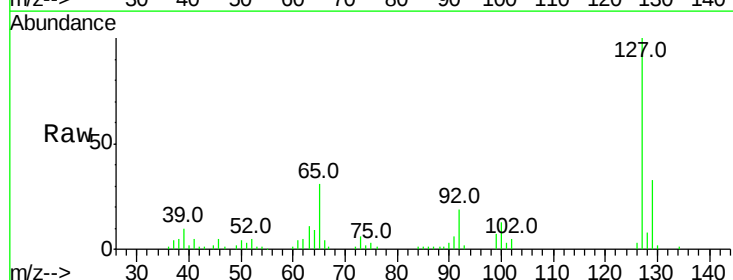
Ion Ratio Lower Upper

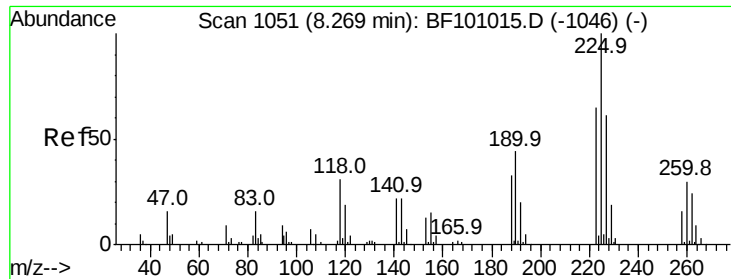
127 100

129 32.8 25.9 38.9

65 30.9 25.0 37.4

92 18.8 15.2 22.8

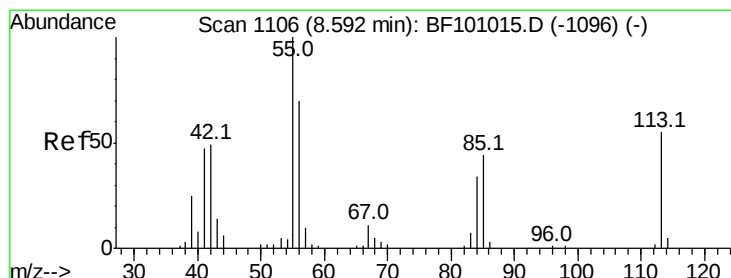
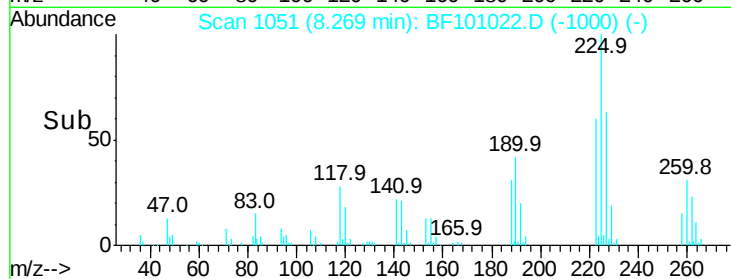
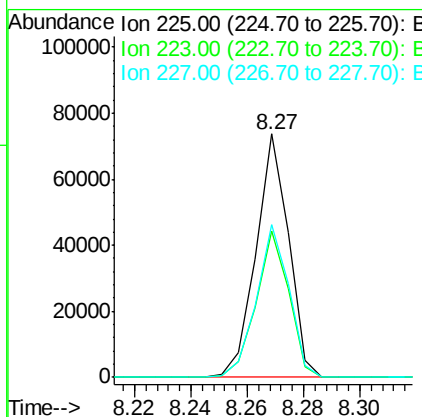
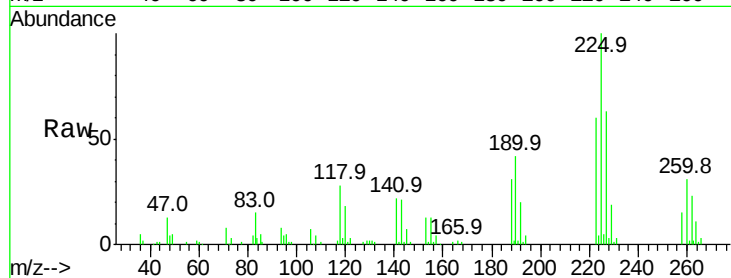




#34
Hexachlorobutadiene
Concen: 29.395 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

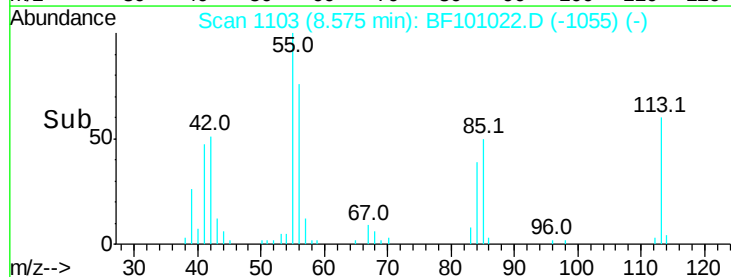
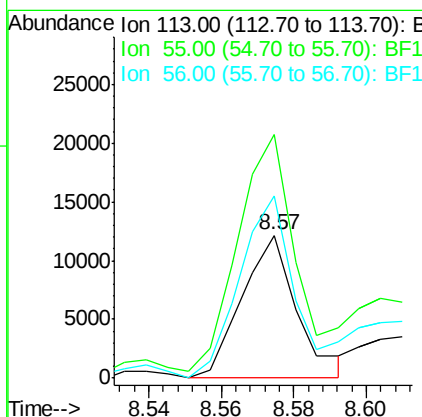
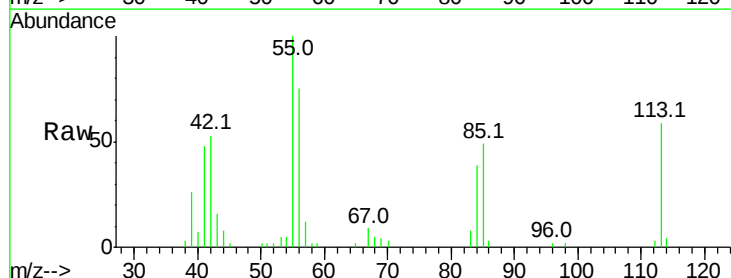
Instrument :
BNA_F
ClientSampled :

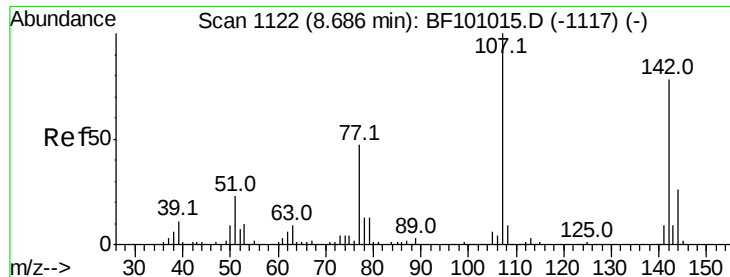
Tot Ion	Ratio	Lower	Upper
225	100		
223	60.3	50.6	76.0
227	63.0	51.9	77.9



#35
Caprolactam
Concen: 13.857 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
113	100		
55	170.3	163.3	203.3
56	127.2	115.7	155.7

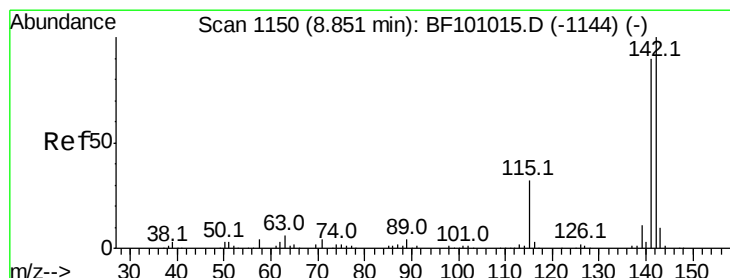
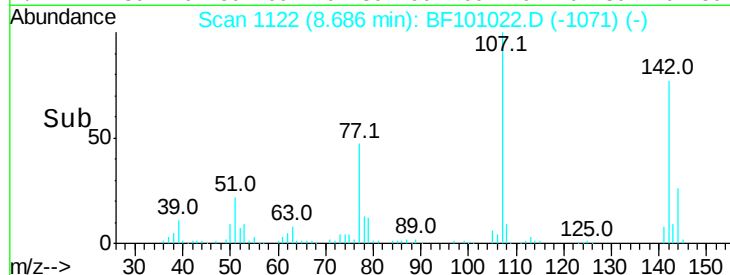
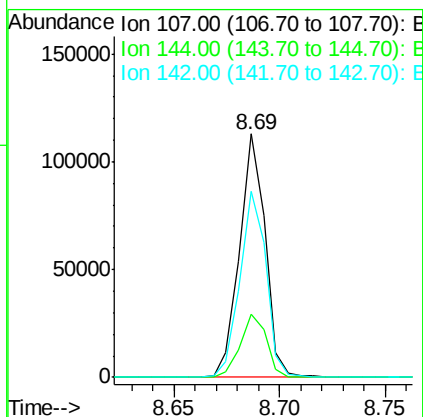
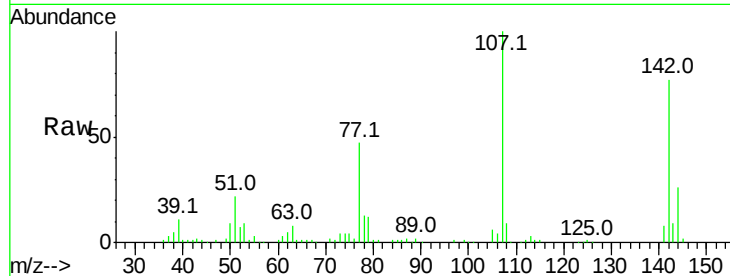




#36
 4-Chloro-3-methylphenol
 Concen: 30.751 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

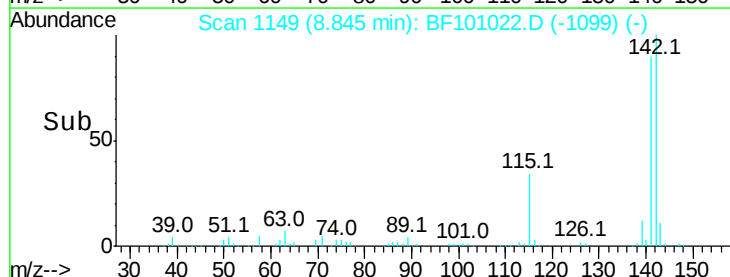
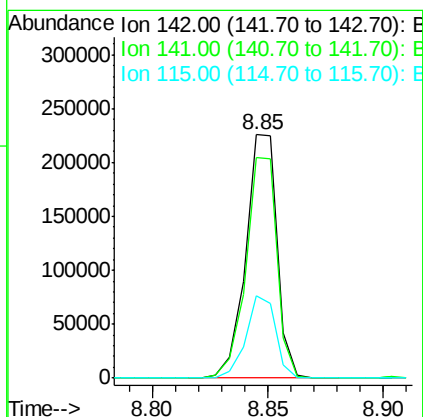
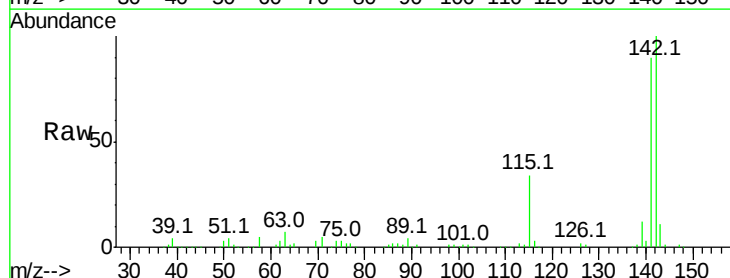
Instrument :
 BNA_F
 ClientSampled :

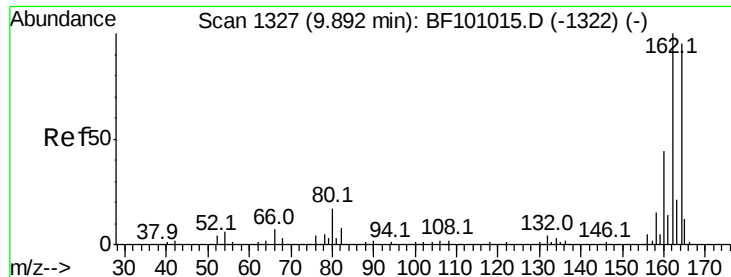
Tot Ion:107 Resp: 94683
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 76.5 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 30.586 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Tgt Ion:142 Resp: 214381
 Ion Ratio Lower Upper
 142 100
 141 90.4 70.8 106.2
 115 33.7 26.1 39.1

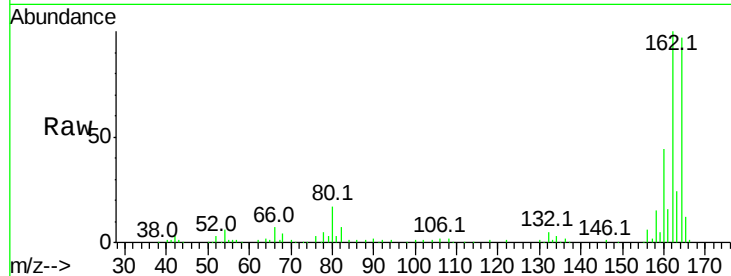




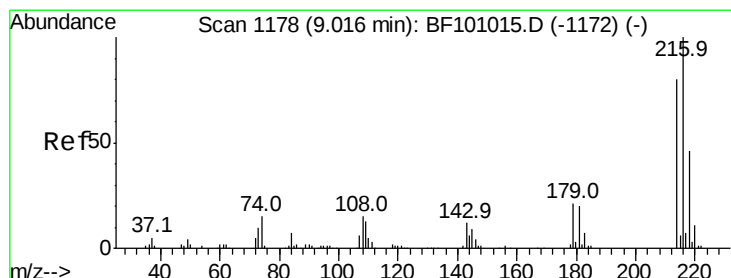
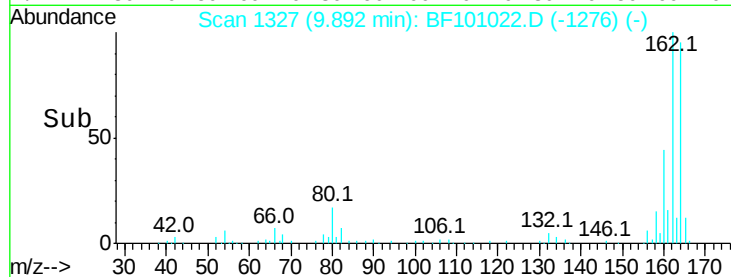
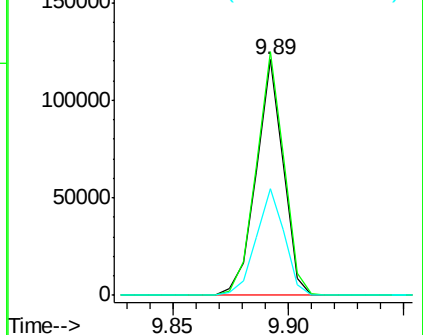
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 99307
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 45.2 38.3 57.5

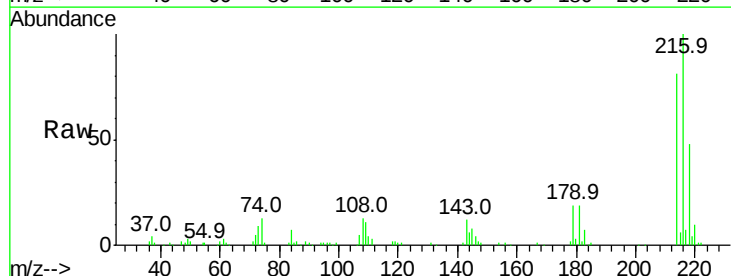


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

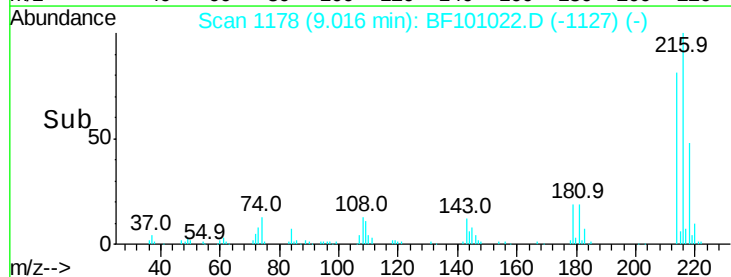
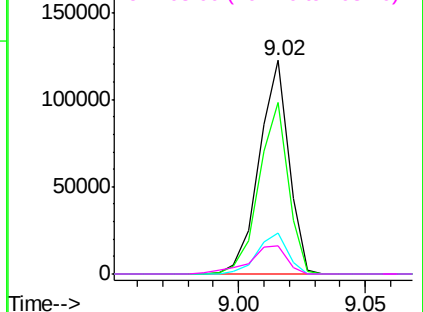


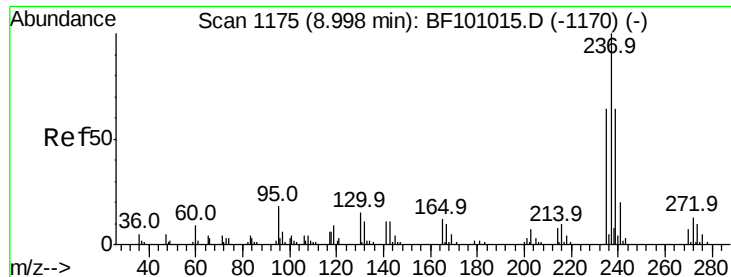
#39
1,2,4,5-Tetrachlorobenzene
Concen: 27.827 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion:216 Resp: 100390
Ion Ratio Lower Upper
216 100
214 79.4 63.0 94.4
179 19.8 18.1 27.1
108 16.8 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: 67.850 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampleId :

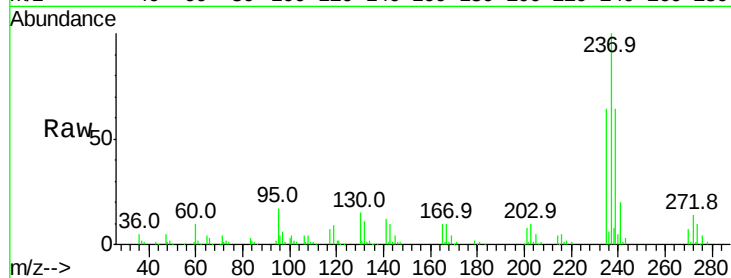
Tot Ion:237 Resp: 86651

Ion Ratio Lower Upper

237 100

235 64.4 44.8 84.8

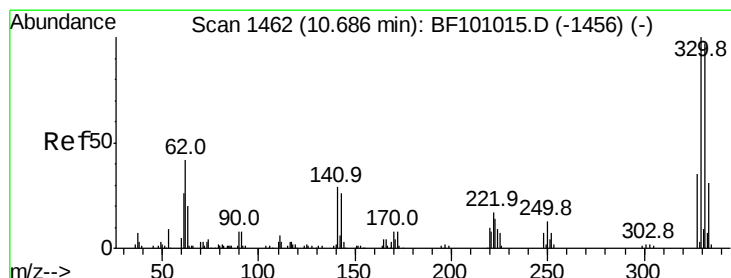
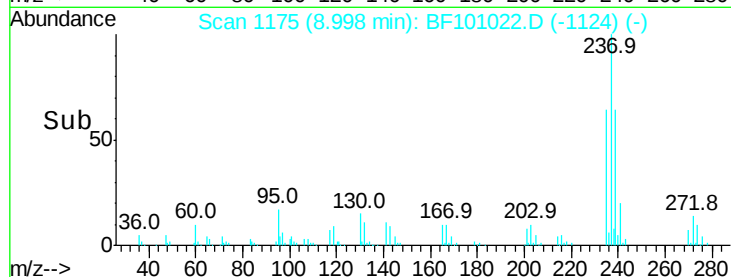
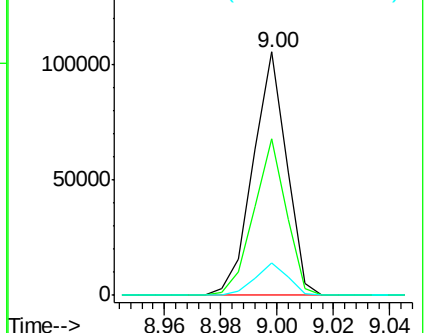
272 13.5 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 87.933 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

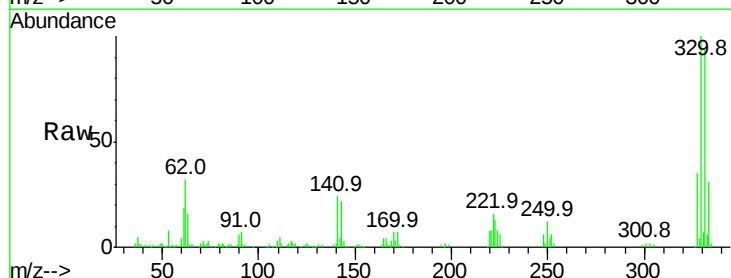
Tgt Ion:330 Resp: 104900

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

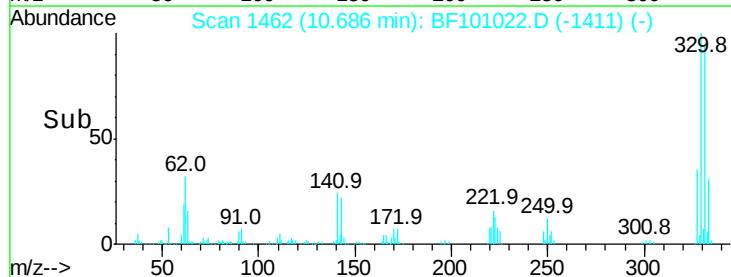
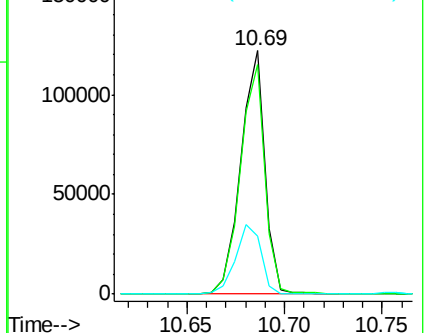
141 30.1 29.9 44.9

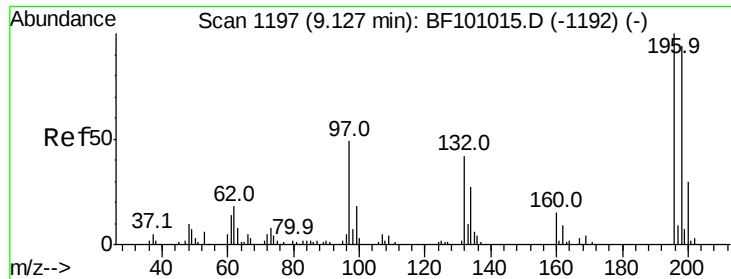


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 32.754 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampled :

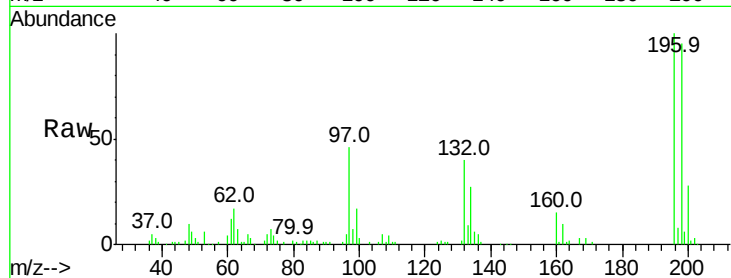
Tot Ion:196 Resp: 69268

Ion Ratio Lower Upper

196 100

198 95.0 75.7 113.5

200 28.5 24.5 36.7

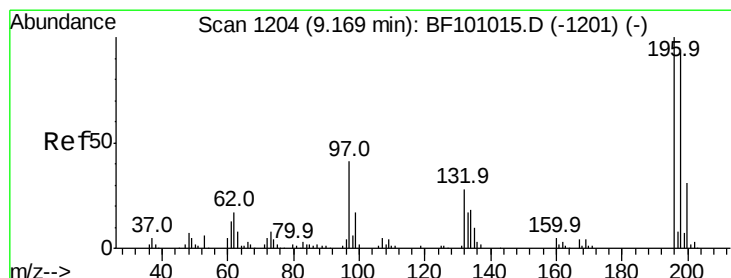
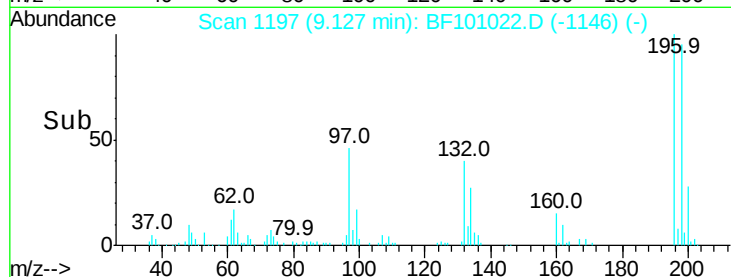
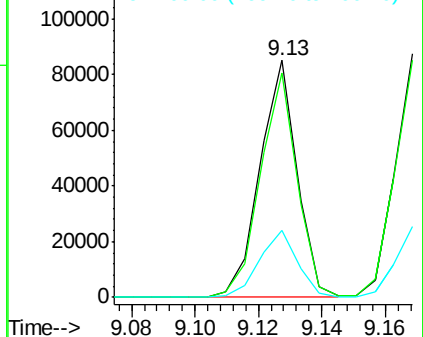


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 31.973 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Tgt Ion:196 Resp: 72289

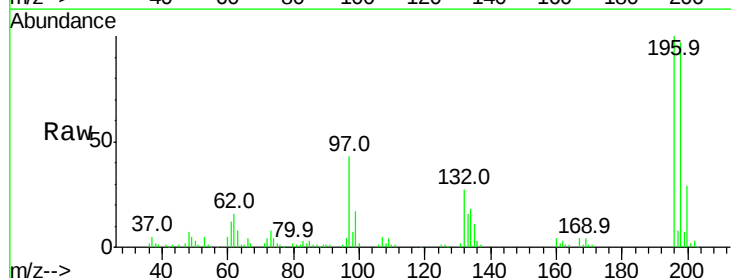
Ion Ratio Lower Upper

196 100

198 97.4 74.6 112.0

97 43.2 42.9 64.3

132 26.5 26.3 39.5



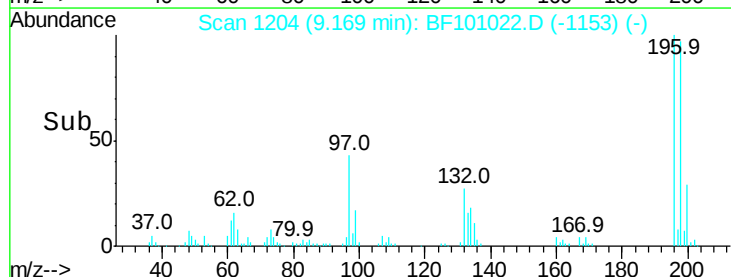
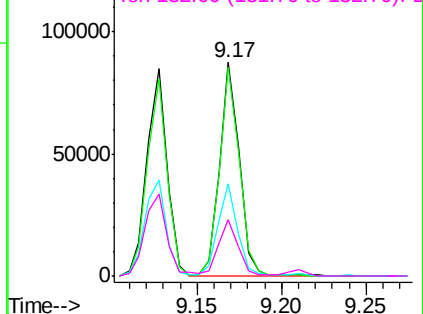
Abundance

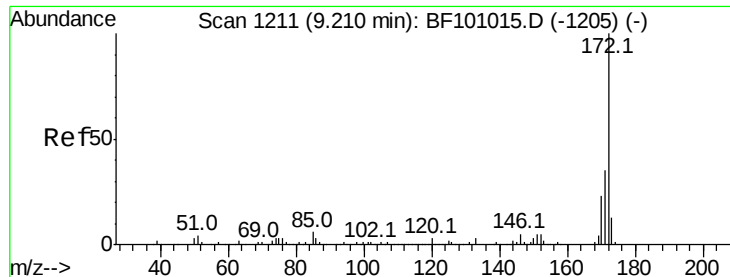
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 65.690 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampleId :

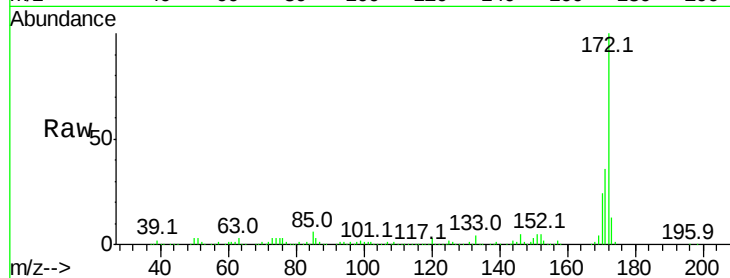
Tot Ion:172 Resp: 476791

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

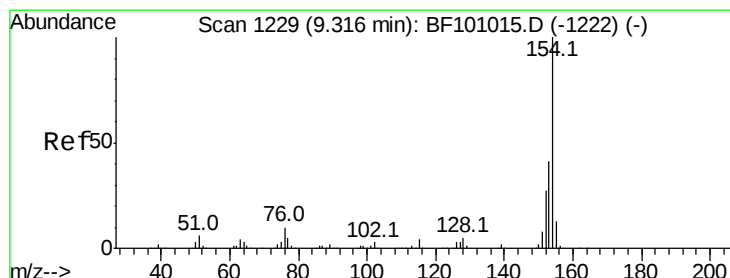
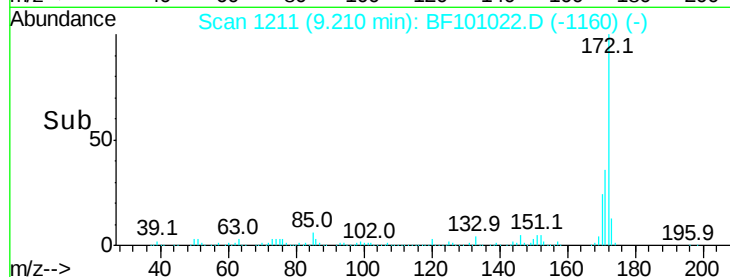
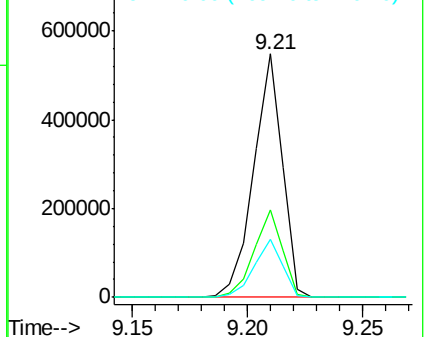
170 23.9 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 28.163 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

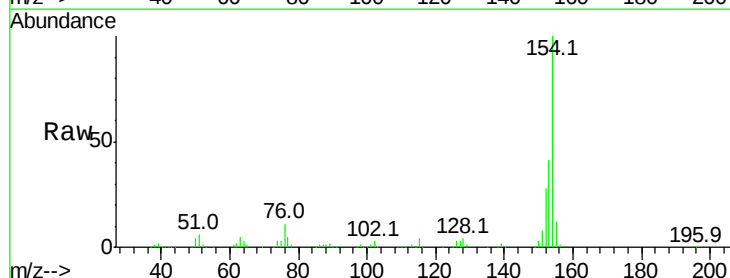
Tgt Ion:154 Resp: 256242

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

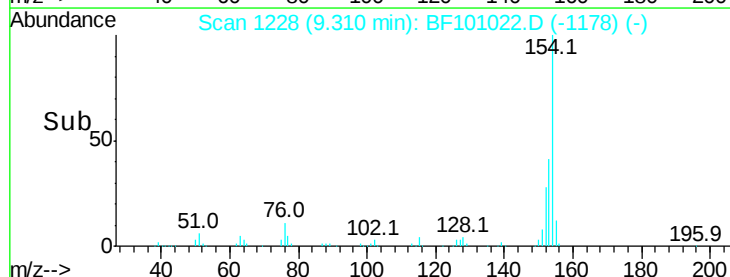
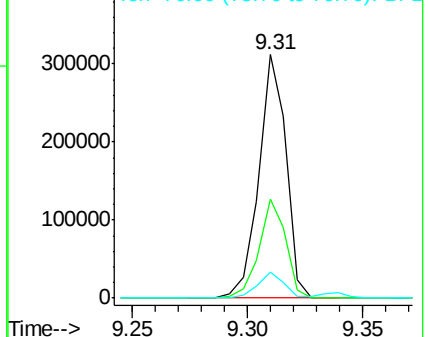
76 10.8 0.0 34.0

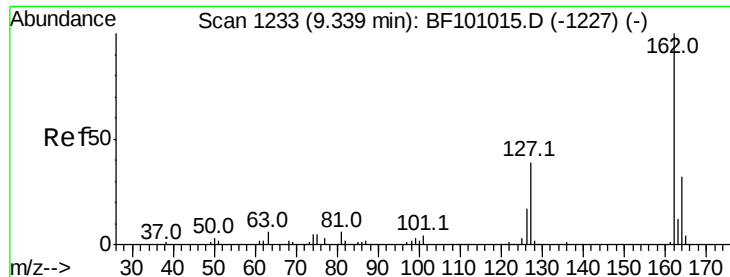


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

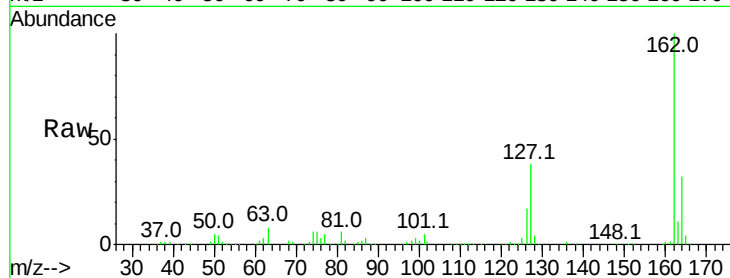




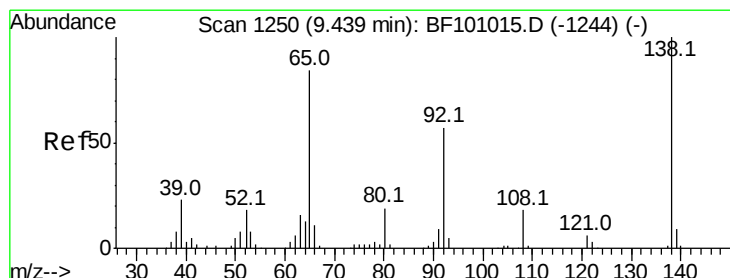
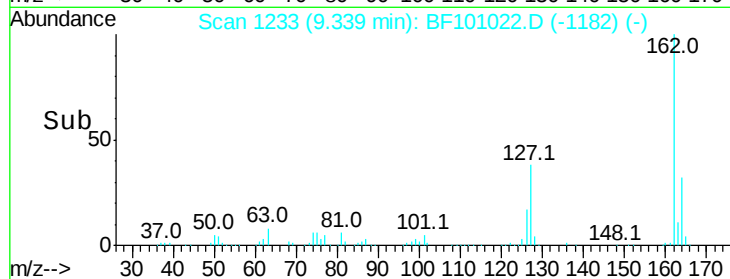
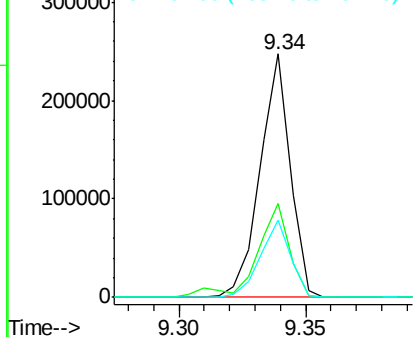
#46
2-Chloronaphthalene
Concen: 31.555 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	33.9	50.9
164	31.8	26.5	39.7

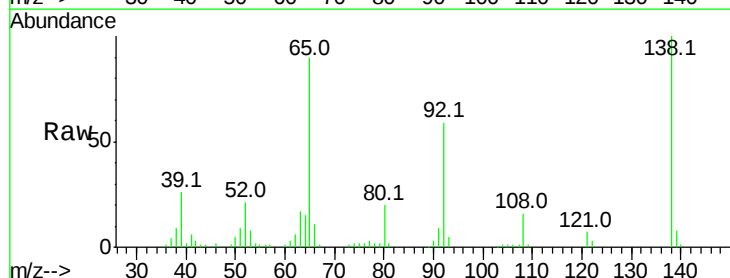


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

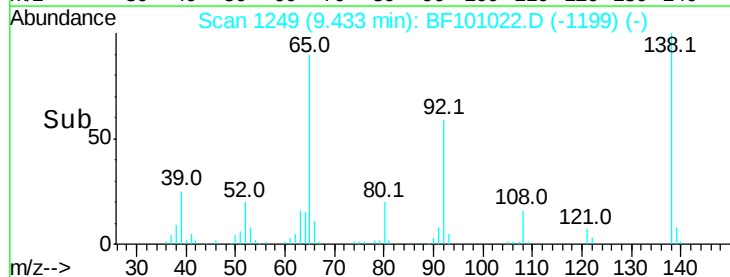
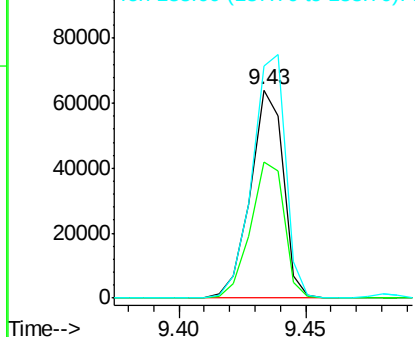


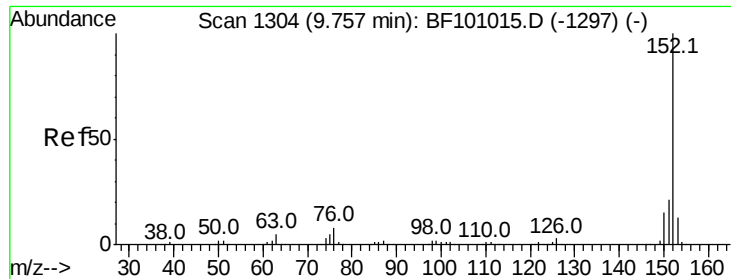
#47
2-Nitroaniline
Concen: 30.430 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	55.8	83.6
138	111.6	91.2	136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 29.665 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampleId :

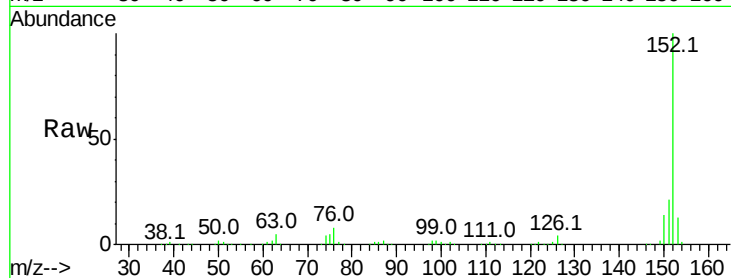
Tot Ion:152 Resp: 315013

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

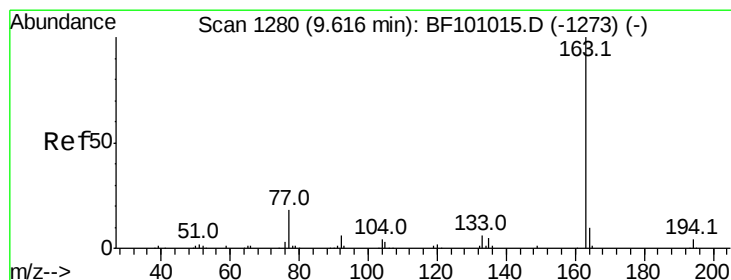
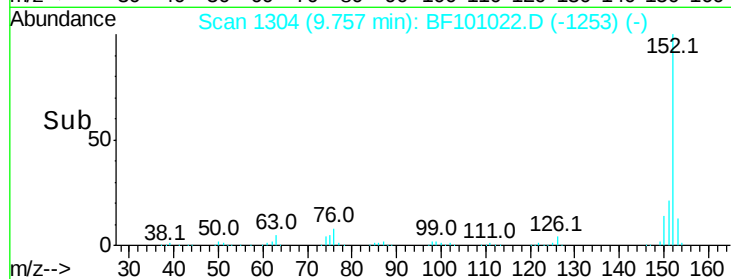
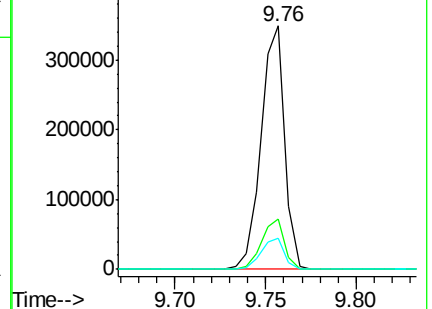
153 12.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 30.414 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

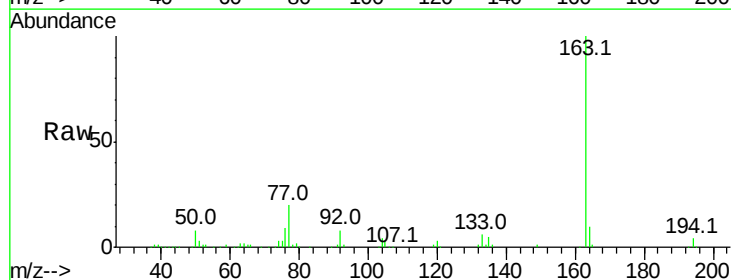
Tgt Ion:163 Resp: 243581

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

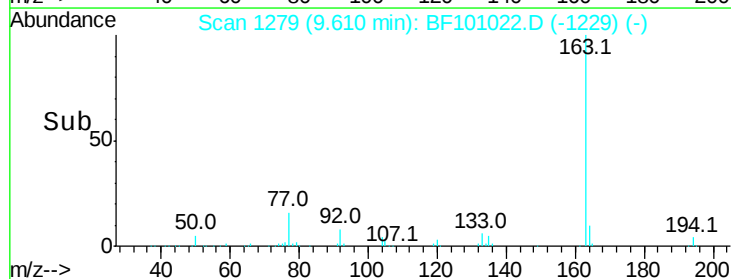
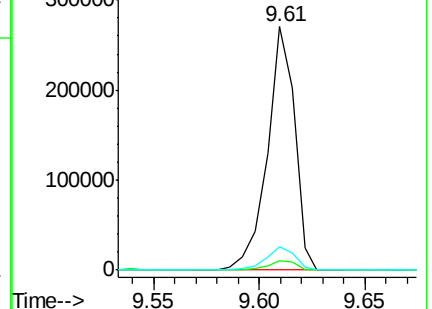
164 9.7 8.2 12.2

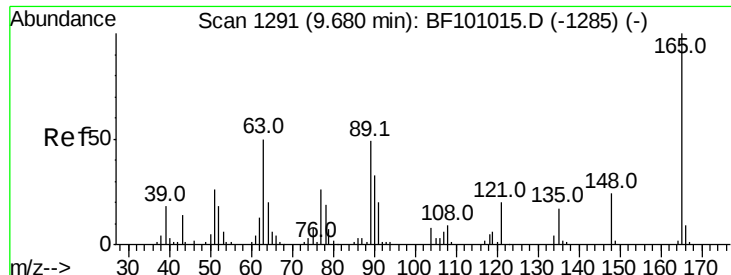


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

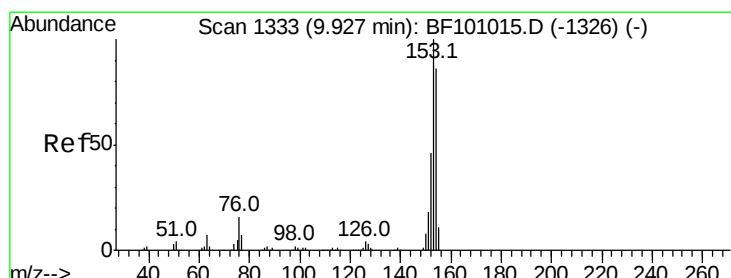
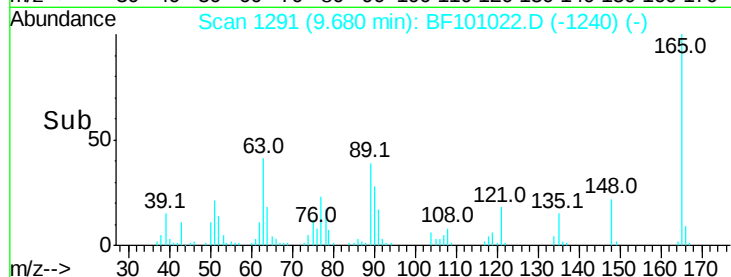
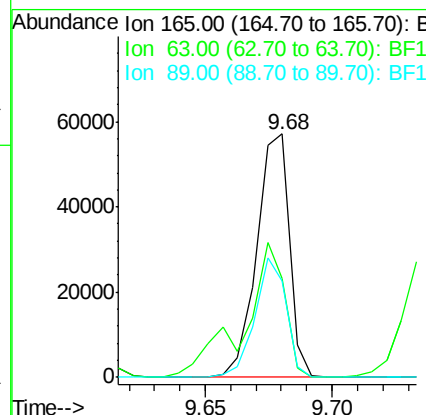
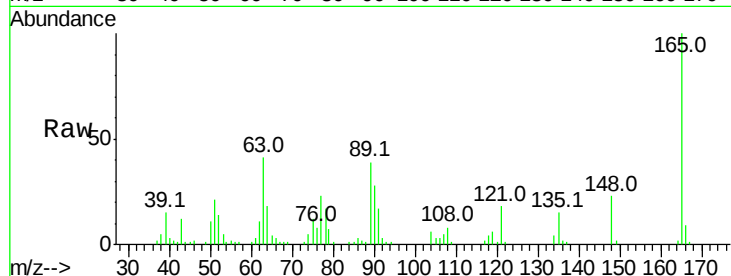




#50
 2,6-Dinitrotoluene
 Concen: 30.553 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

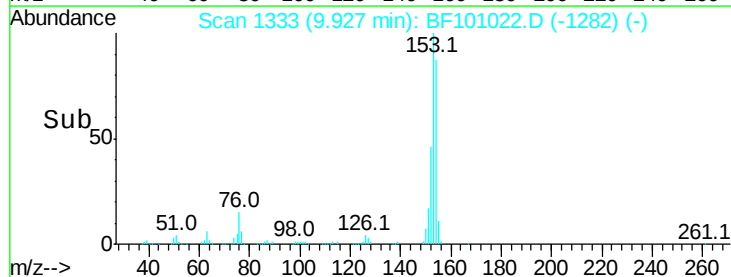
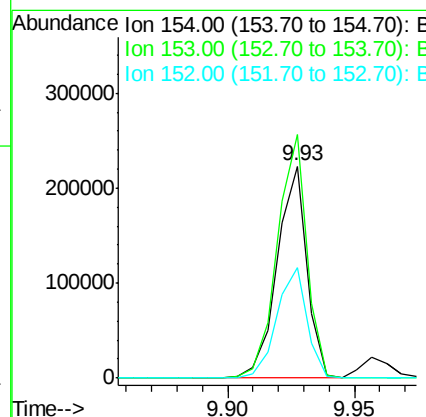
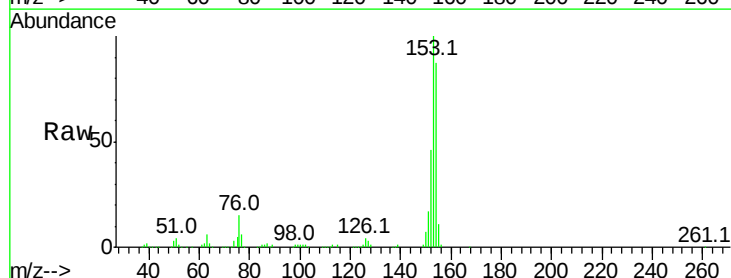
Instrument :
 BNA_F
 ClientSampleId :

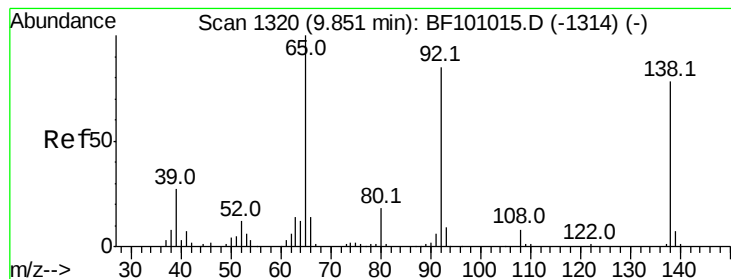
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.5	44.7	67.1#
89	39.5	44.0	66.0#



#51
 Acenaphthene
 Concen: 28.987 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.2	136.8
152	52.3	43.8	65.8





#52

3-Nitroaniline

Concen: 21.893 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampleId :

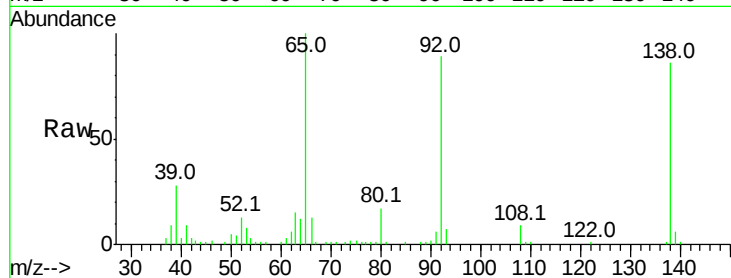
Tot Ion:138 Resp: 41531

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

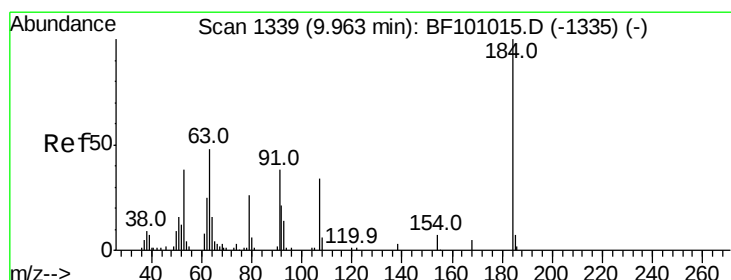
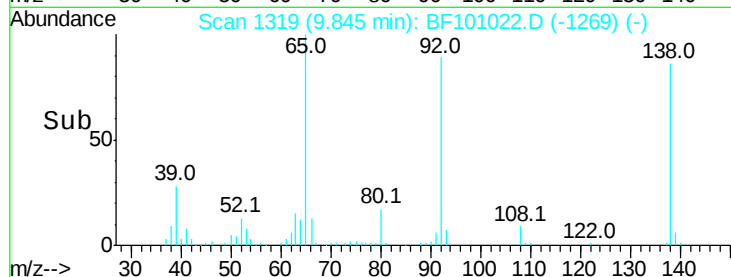
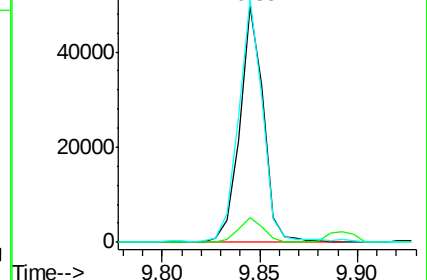
92 103.1 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 41.792 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

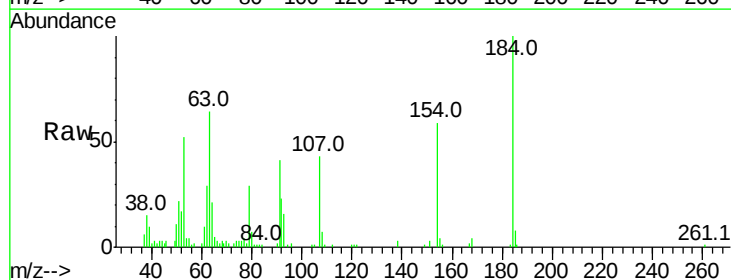
Tgt Ion:184 Resp: 34123

Ion Ratio Lower Upper

184 100

63 64.0 54.2 81.2

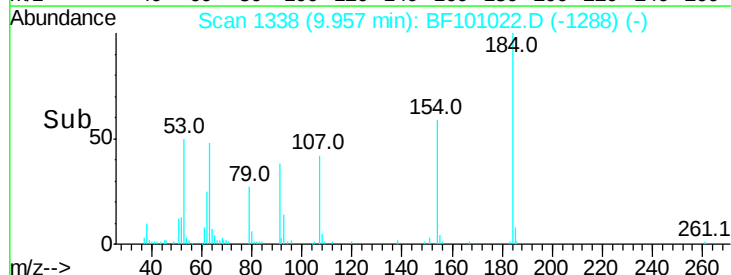
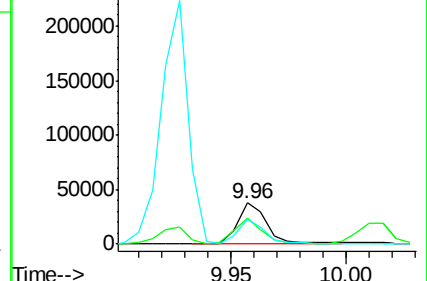
154 59.0 184.0 276.0#

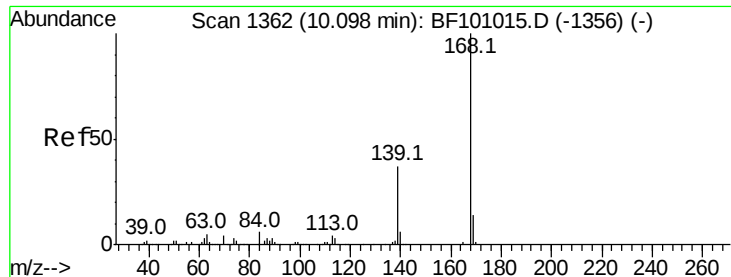


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

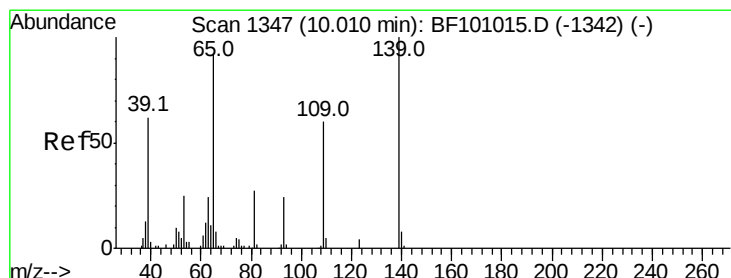
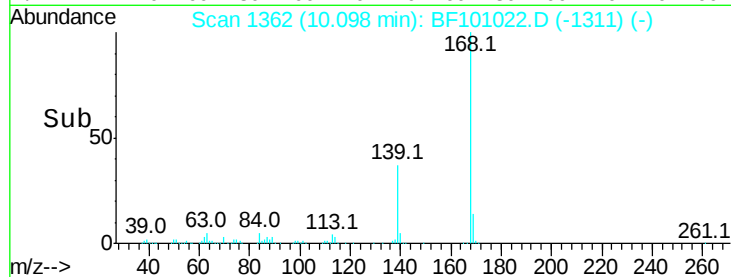
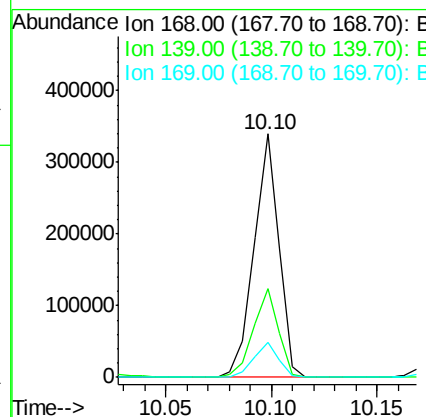
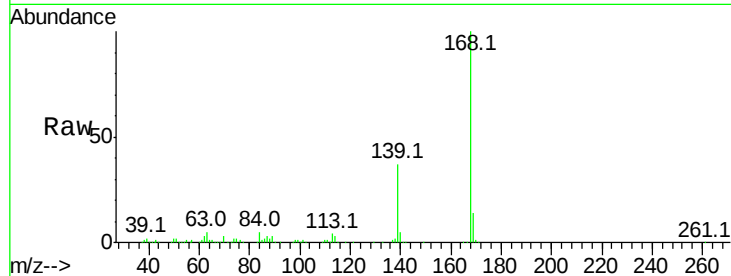




#54
Dibenzofuran
Concen: 30.428 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

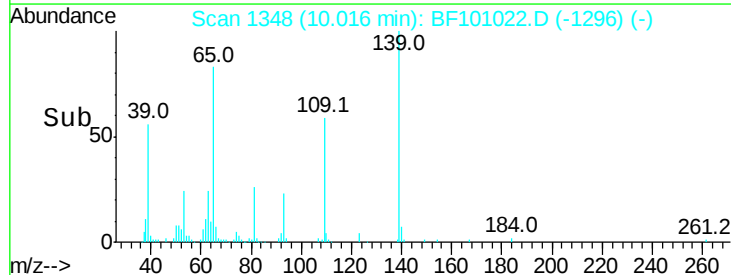
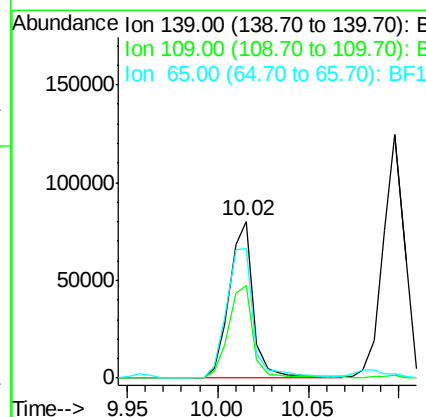
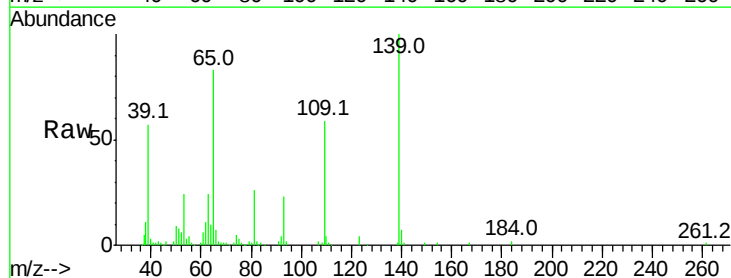
Instrument :
BNA_F
ClientSampleId :

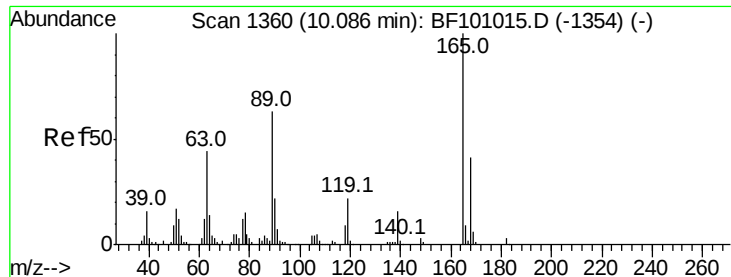
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.1	45.1
169	14.2	10.9	16.3



#55
4-Nitrophenol
Concen: 58.227 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.3	48.4	88.4
65	83.0	72.6	112.6

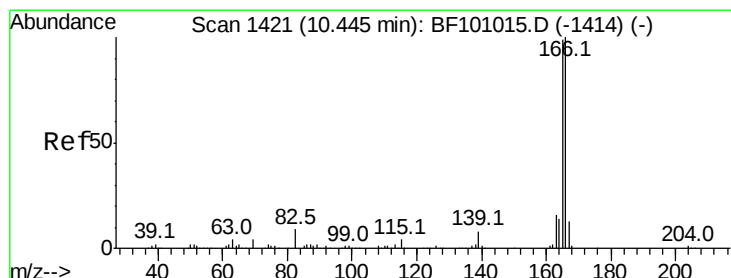
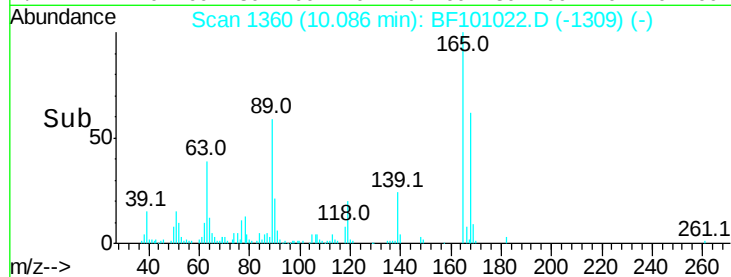
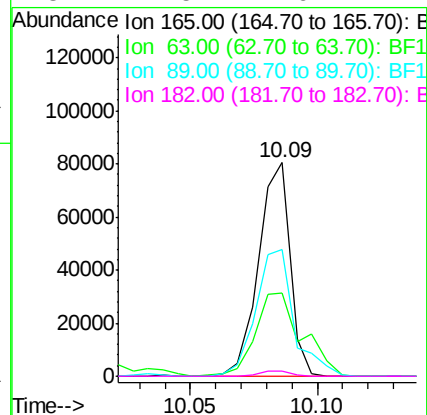
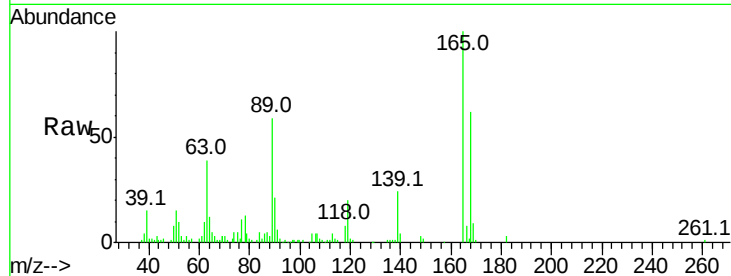




#56
2,4-Dinitrotoluene
Concen: 31.032 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

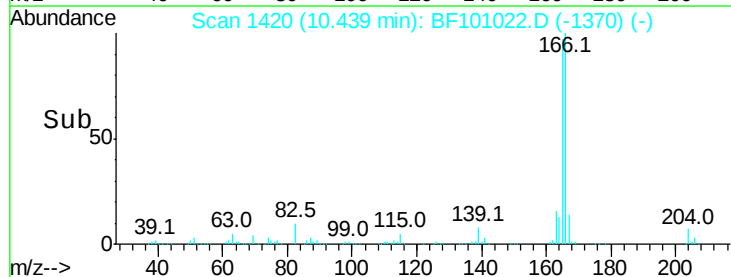
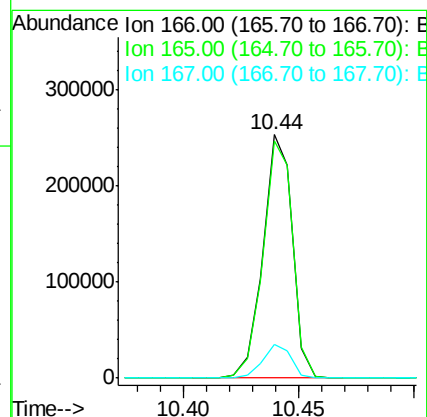
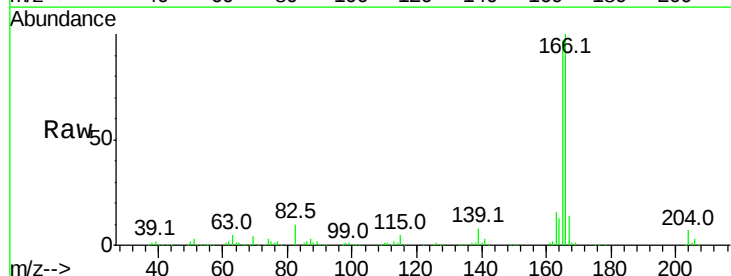
Instrument :
BNA_F
ClientSampleId :

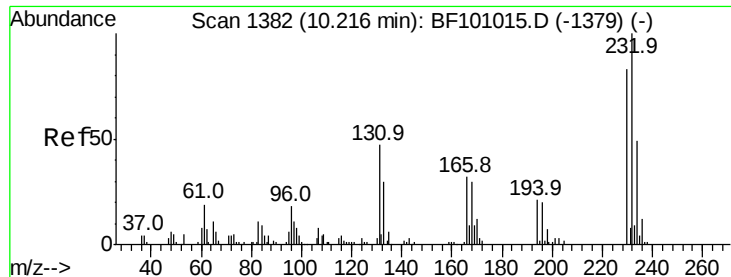
Tot Ion:165 Resp: 70154
Ion Ratio Lower Upper
165 100
63 39.1 36.4 54.6
89 59.4 57.8 86.6
182 2.5 1.6 2.4#



#57
Fluorene
Concen: 30.175 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion:166 Resp: 224774
Ion Ratio Lower Upper
166 100
165 97.4 79.8 119.8
167 13.6 10.6 16.0

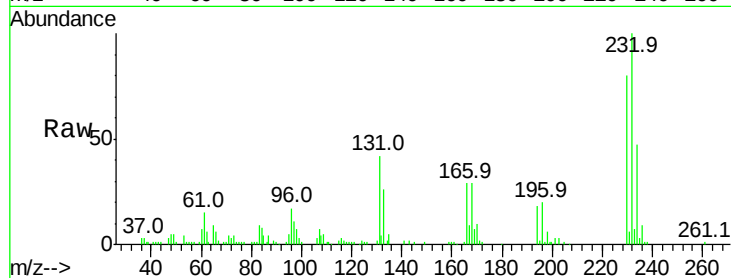




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.098 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.3	43.8	65.8#
130	1.6	2.1	3.1#
166	28.8	27.8	41.6

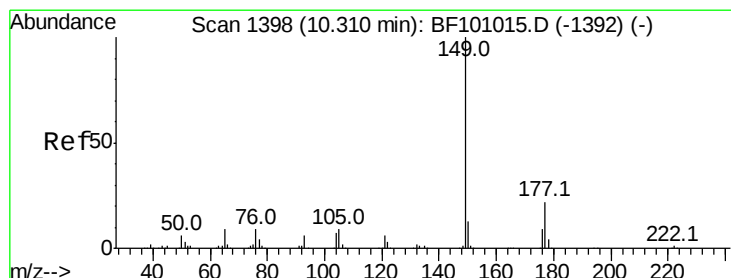
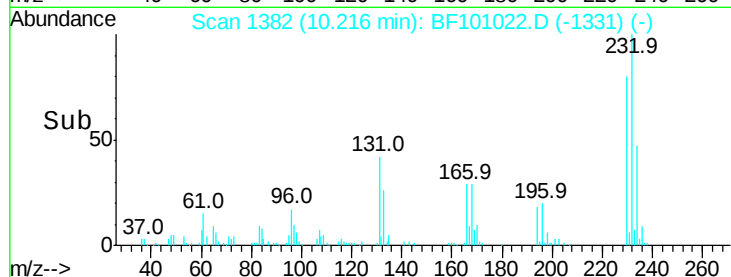
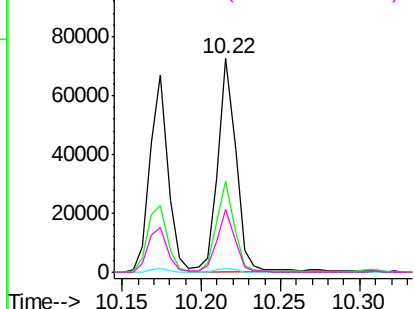


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

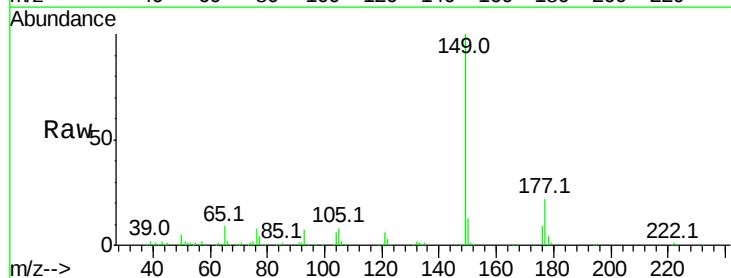
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 28.395 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

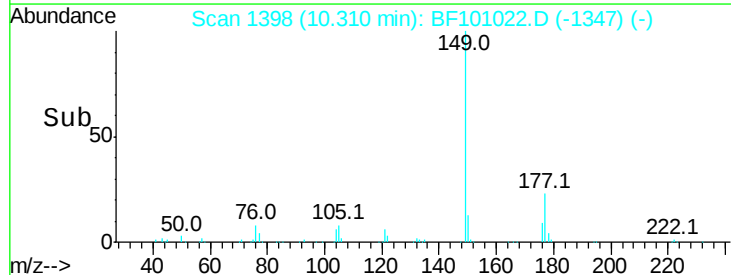
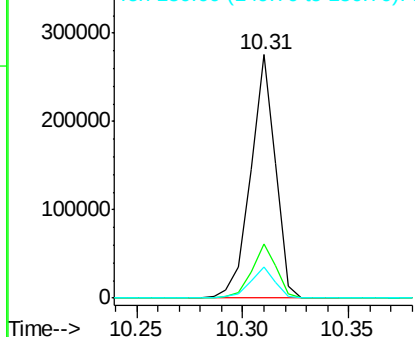
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	16.1	24.1
150	12.7	10.1	15.1

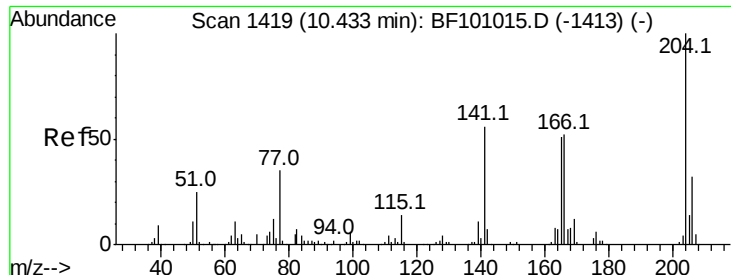


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

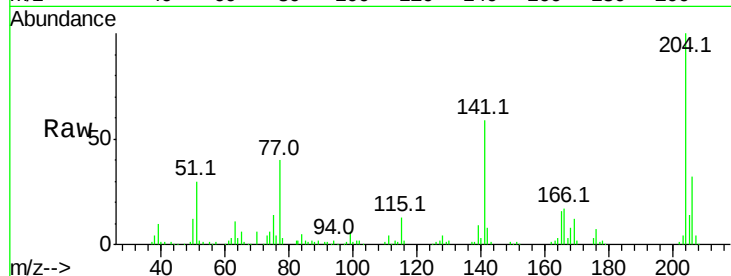




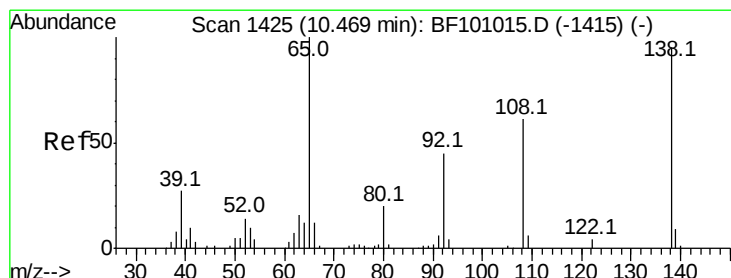
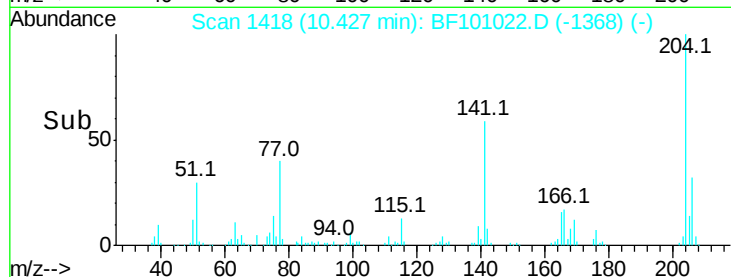
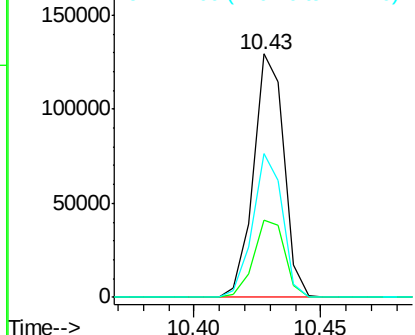
#60
4-Chlorophenyl-phenylether
Concen: 29.393 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 108101
Ion Ratio Lower Upper
204 100
206 31.6 26.5 39.7
141 59.3 54.6 81.8

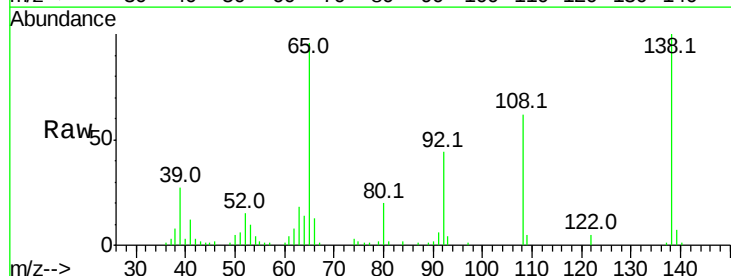


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

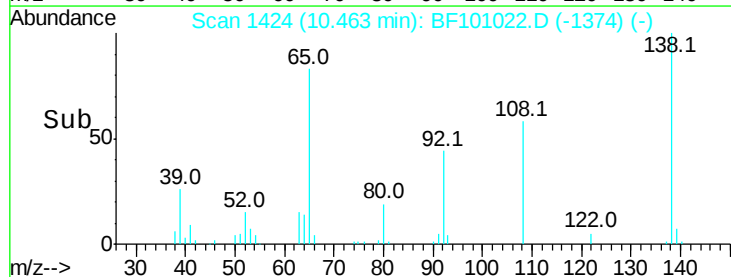
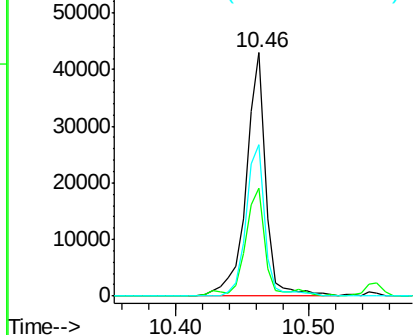


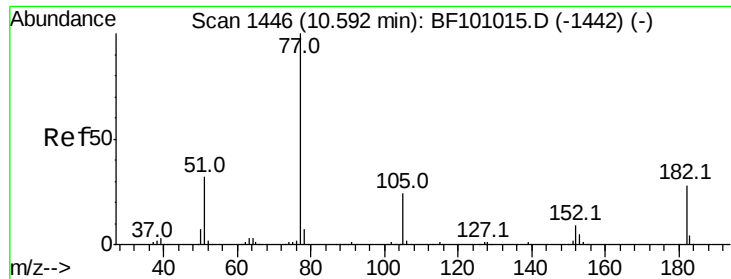
#61
4-Nitroaniline
Concen: 21.888 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion:138 Resp: 43100
Ion Ratio Lower Upper
138 100
92 44.5 30.2 70.2
108 62.1 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

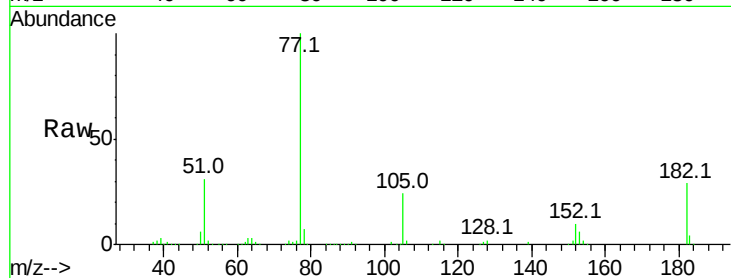




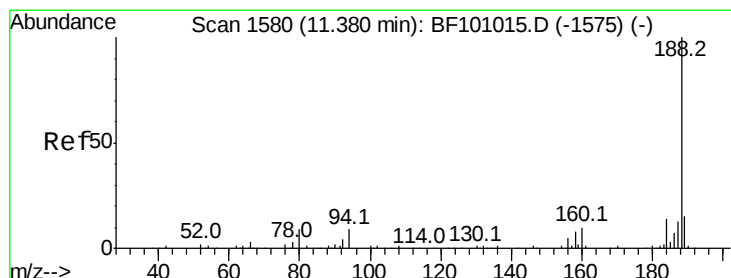
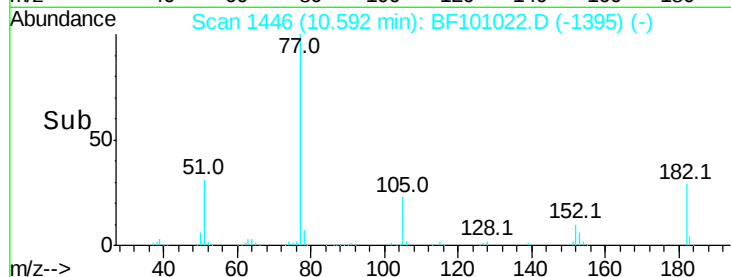
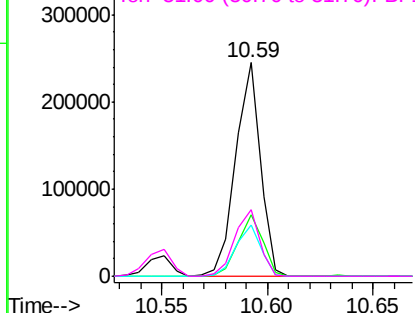
#62
Azobenzene
Concen: 29.485 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 197663
Ion Ratio Lower Upper
77 100
182 28.5 1.7 41.7
105 23.8 3.0 43.0
51 30.9 9.9 49.9

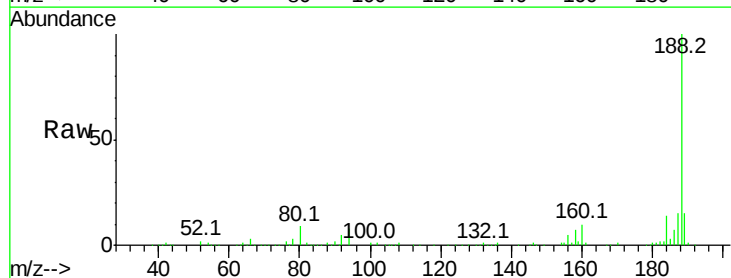


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

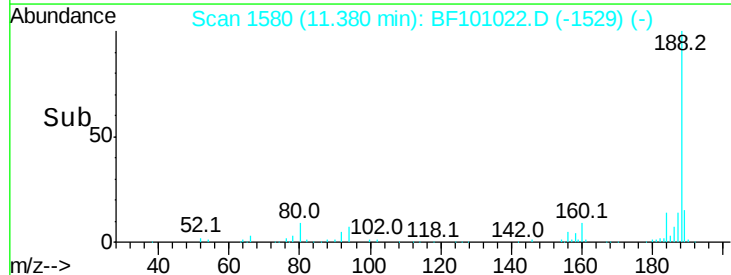
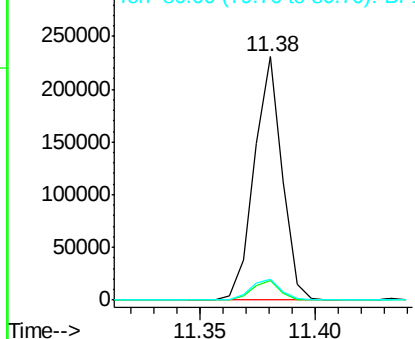


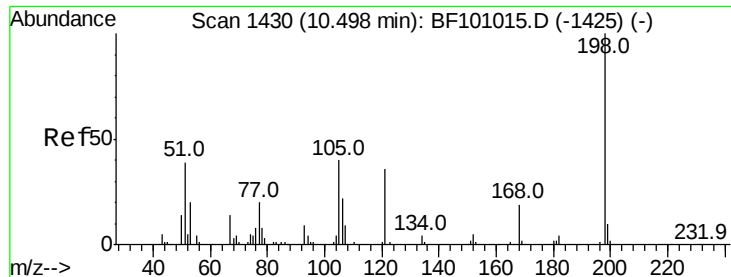
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion: 188 Resp: 193888
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 8.8 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): BF1
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: 21.743 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampleId :

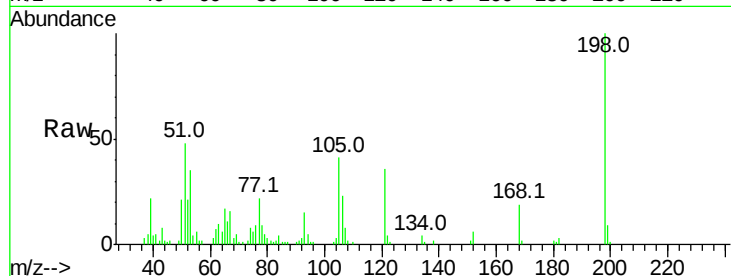
Tot Ion:198 Resp: 28276

Ion Ratio Lower Upper

198 100

51 48.3 37.7 77.7

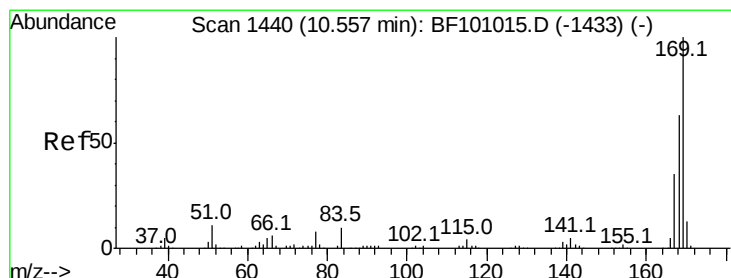
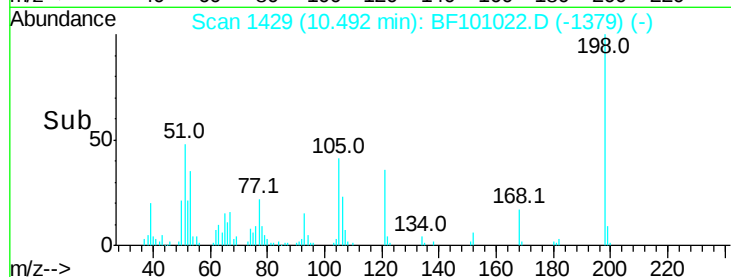
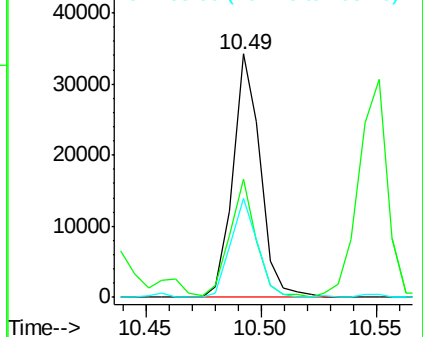
105 40.6 36.3 76.3



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: 29.389 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

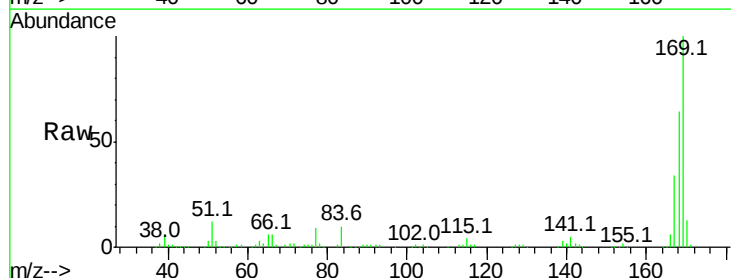
Tgt Ion:169 Resp: 201027

Ion Ratio Lower Upper

169 100

168 64.2 54.4 81.6

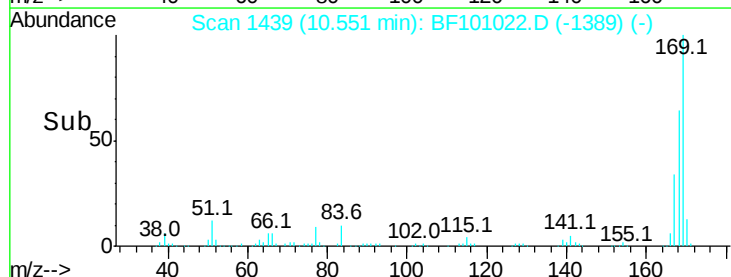
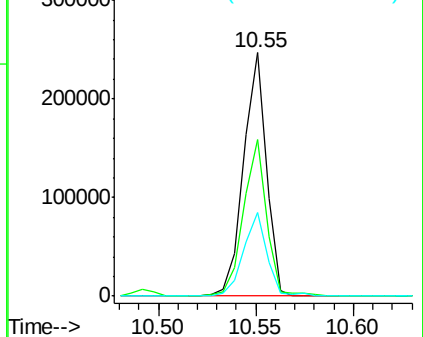
167 34.1 29.8 44.6

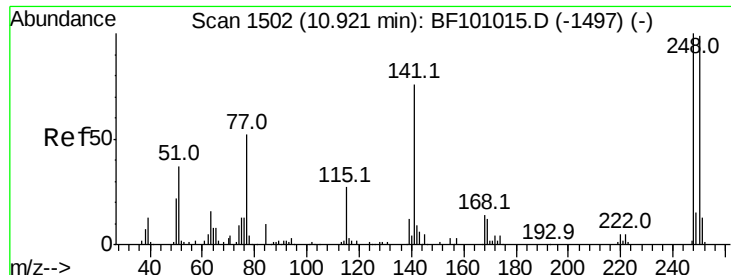


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

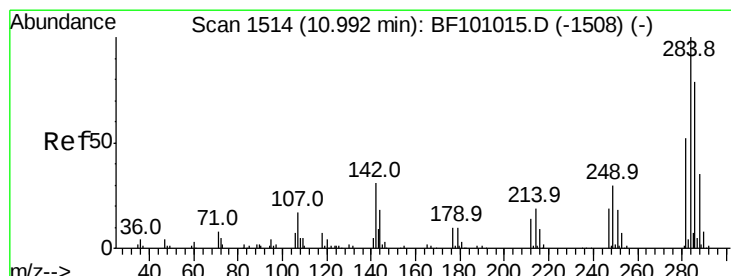
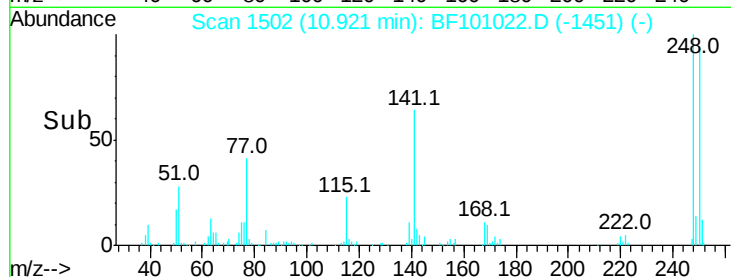
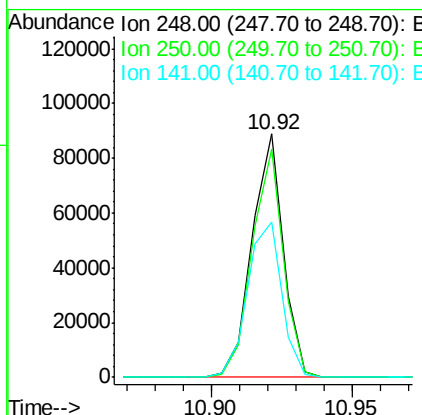
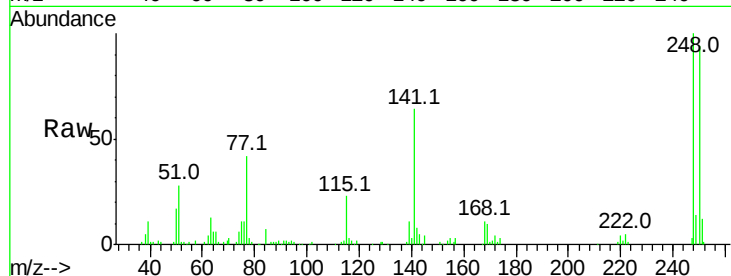




#66
 4-Bromophenyl-phenylether
 Concen: 31.505 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

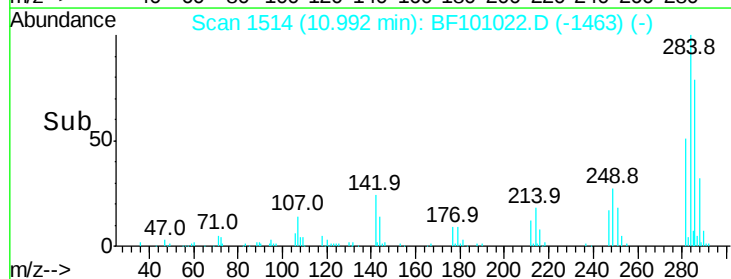
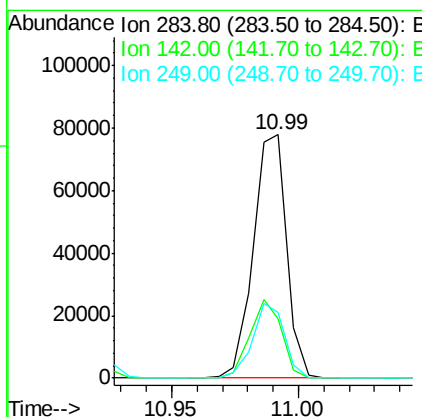
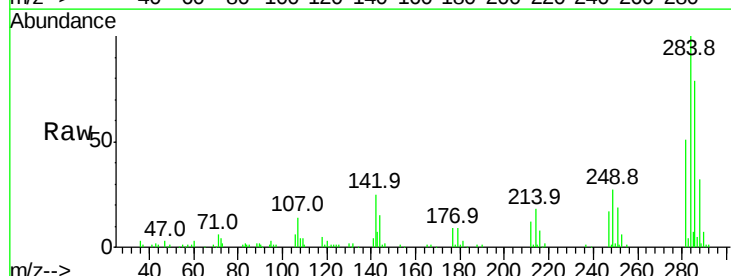
Instrument :
 BNA_F
 ClientSampled :

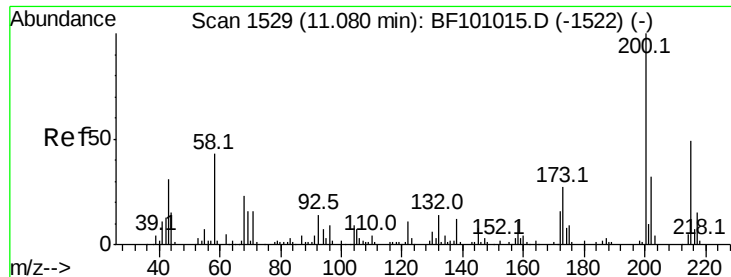
Tot Ion:248 Resp: 68374
 Ion Ratio Lower Upper
 248 100
 250 93.7 76.9 115.3
 141 64.0 74.4 111.6#



#67
 Hexachlorobenzene
 Concen: 30.631 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Tgt Ion:284 Resp: 71247
 Ion Ratio Lower Upper
 284 100
 142 24.6 34.6 52.0#
 249 27.2 24.8 37.2

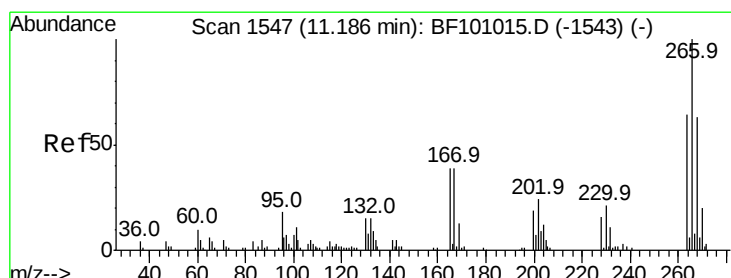
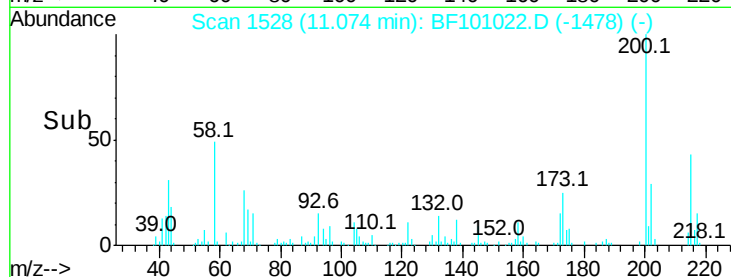
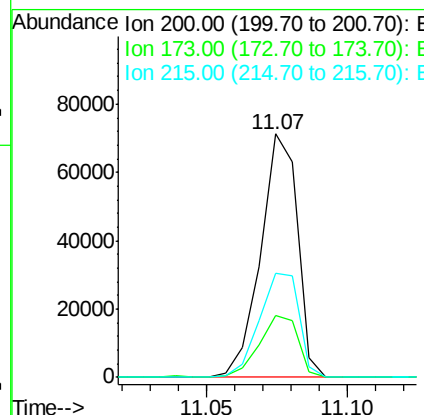
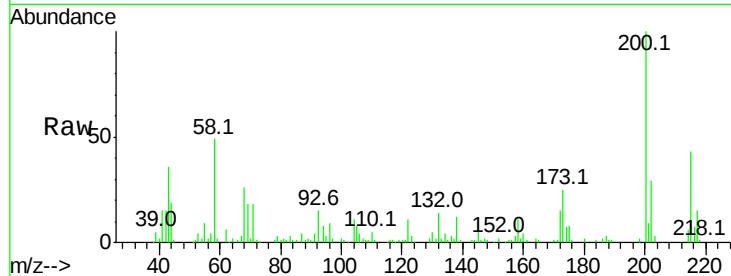




#68
Atrazine
Concen: 30.703 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

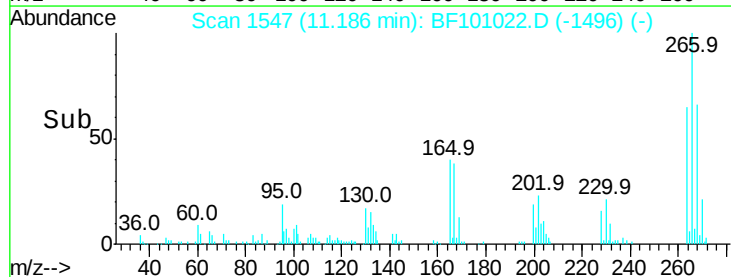
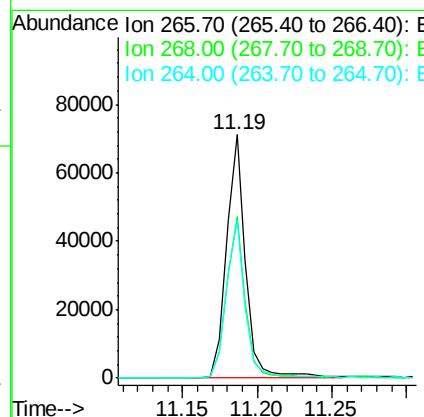
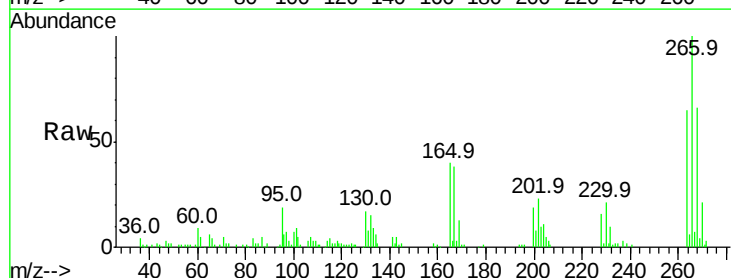
Instrument :
BNA_F
ClientSampled :

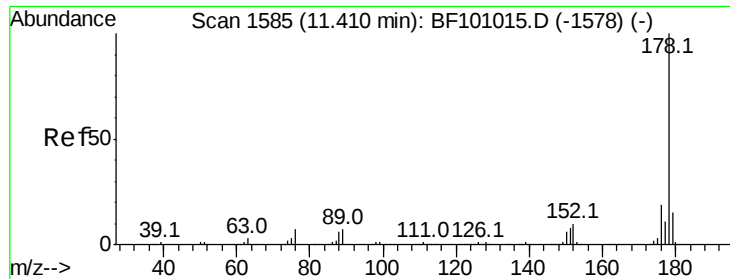
Tot Ion:200 Resp: 64421
Ion Ratio Lower Upper
200 100
173 25.2 8.6 48.6
215 42.9 25.1 65.1



#69
Pentachlorophenol
Concen: 50.394 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion:266 Resp: 64449
Ion Ratio Lower Upper
266 100
268 66.3 51.1 76.7
264 64.9 49.5 74.3





#70

Phenanthrene

Concen: 30.649 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampled :

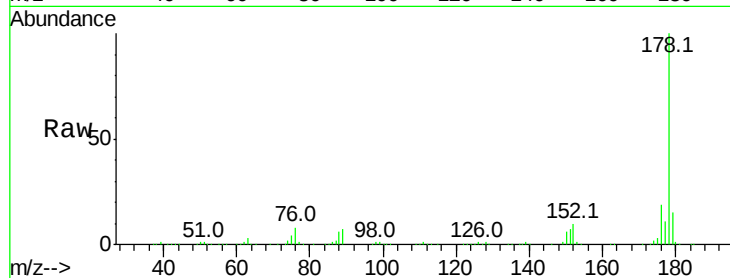
Tot Ion:178 Resp: 327251

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

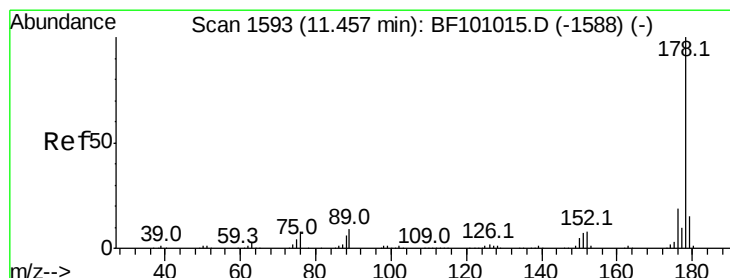
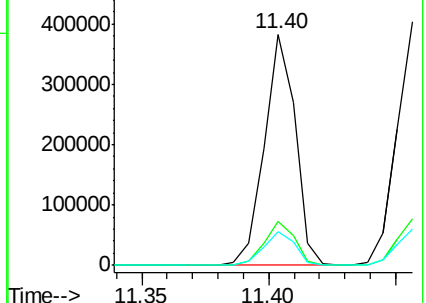
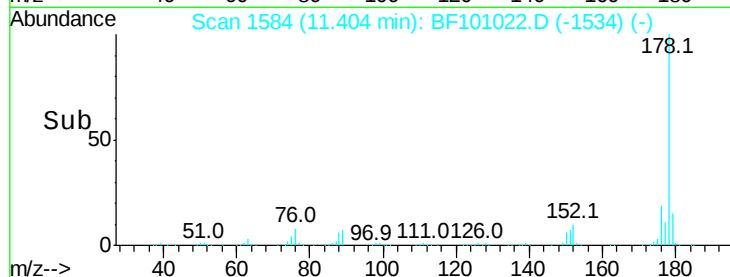
179 14.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 31.377 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

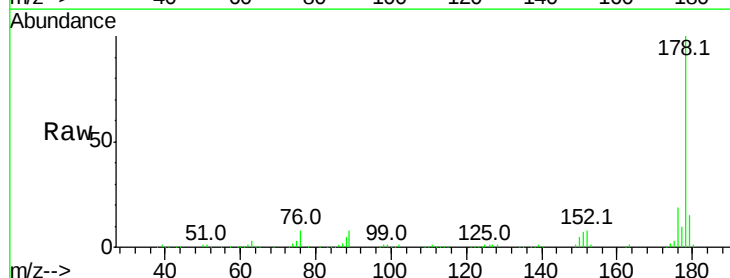
Tgt Ion:178 Resp: 339067

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

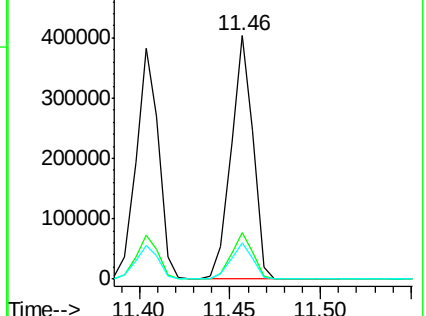
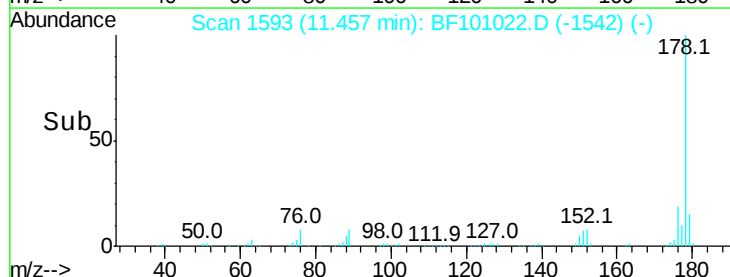
179 14.9 12.6 19.0

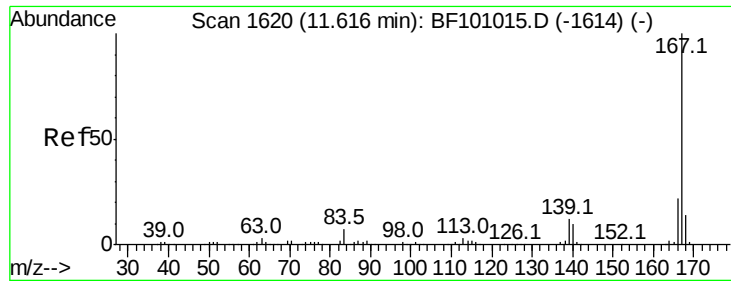


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

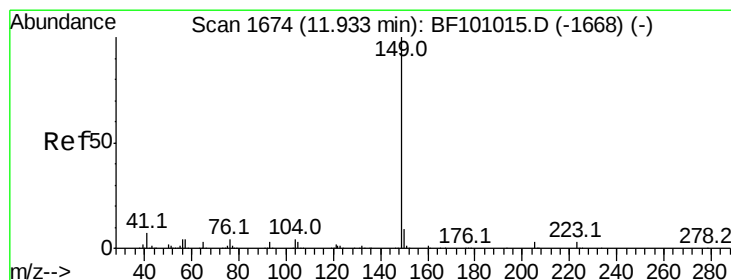
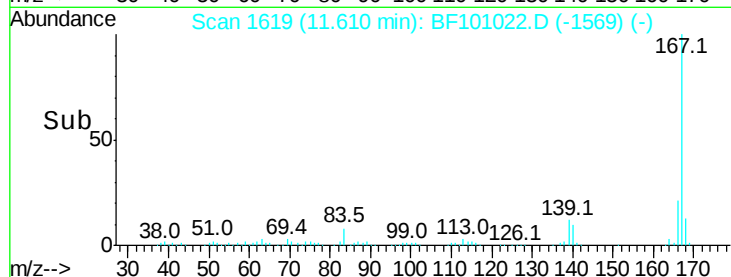
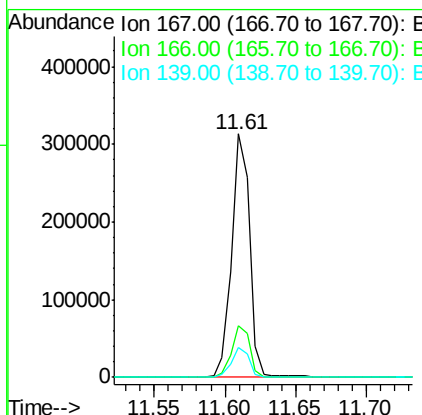
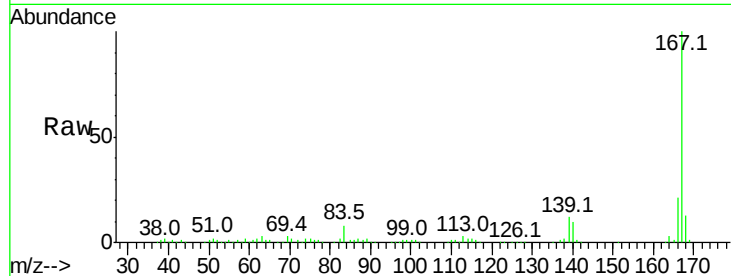




#72
 Carbazole
 Concen: 28.285 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

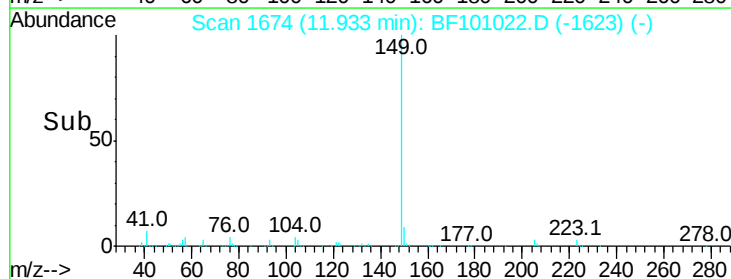
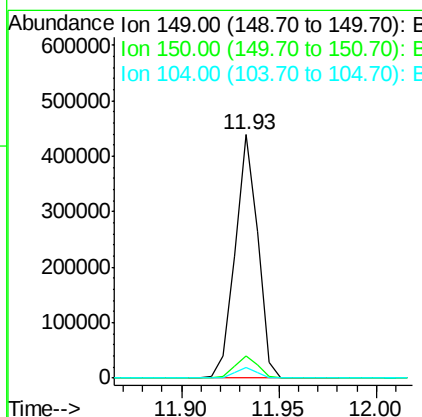
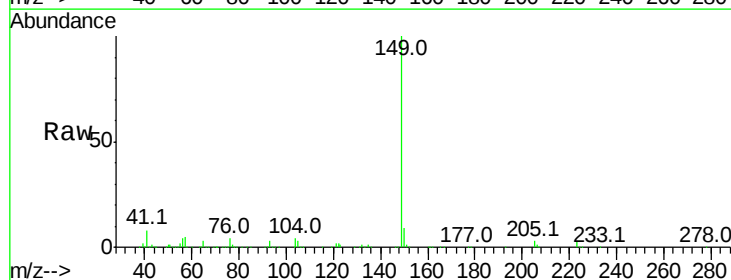
Instrument :
 BNA_F
 ClientSampleId :

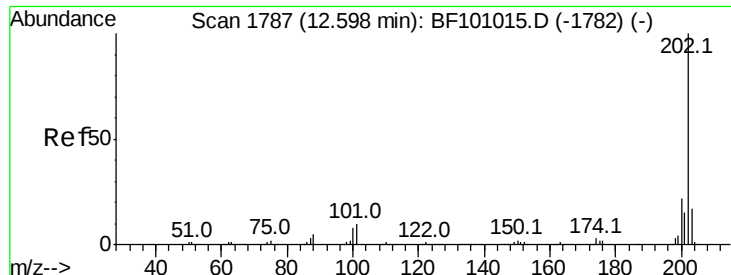
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.6	26.4
139	12.4	10.9	16.3



#73
 Di-n-butylphthalate
 Concen: 28.439 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.2	3.8	5.8

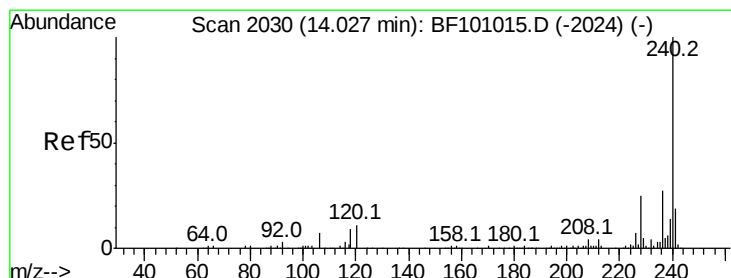
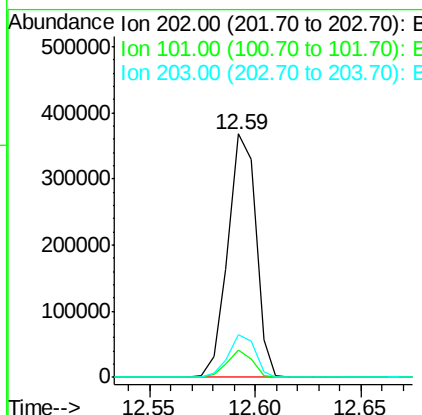
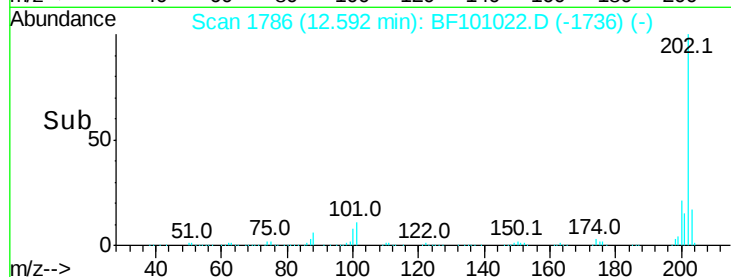
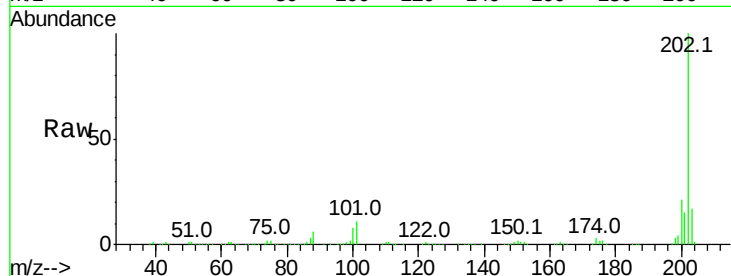




#74
 Fluoranthene
 Concen: 28.530 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

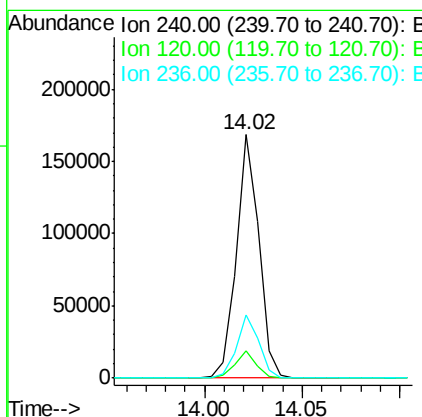
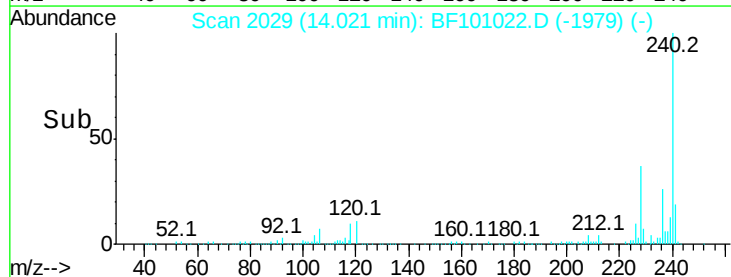
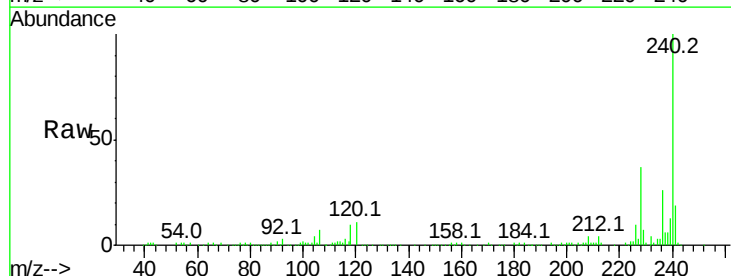
Instrument :
 BNA_F
 ClientSampleId :

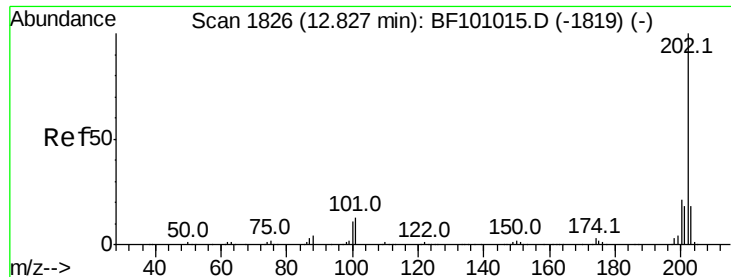
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.3	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.9	20.7	31.1

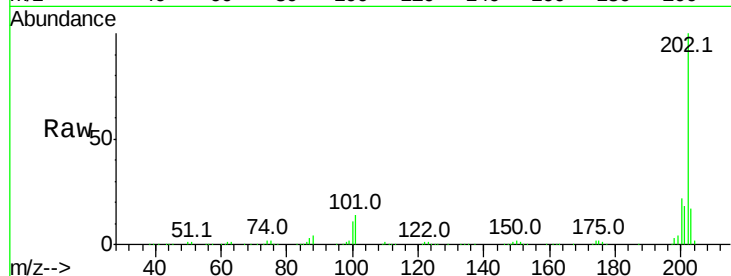




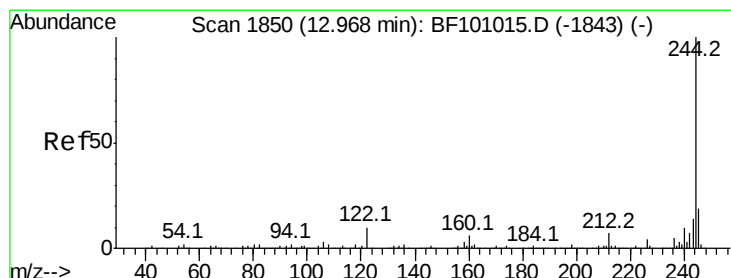
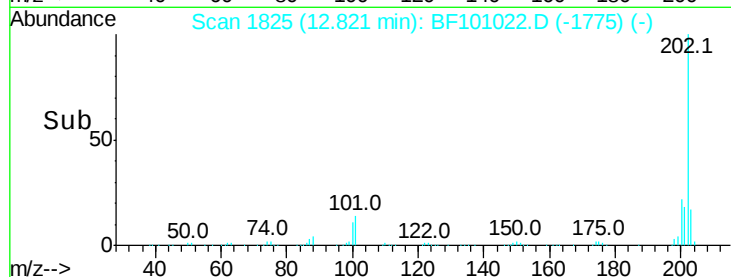
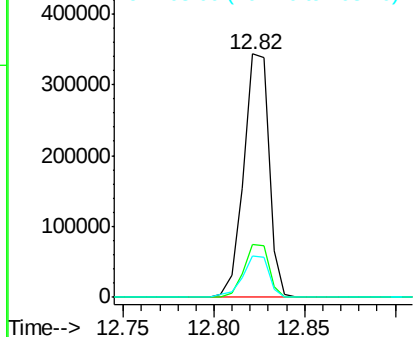
#77
Pvrene
Concen: 35.821 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 333225
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.0 14.3 21.5

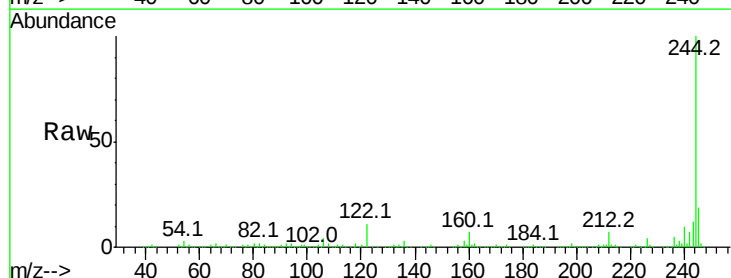


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

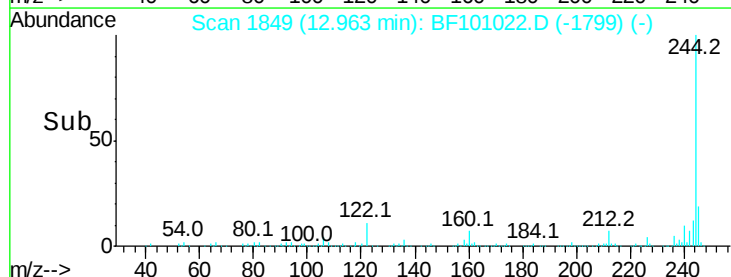
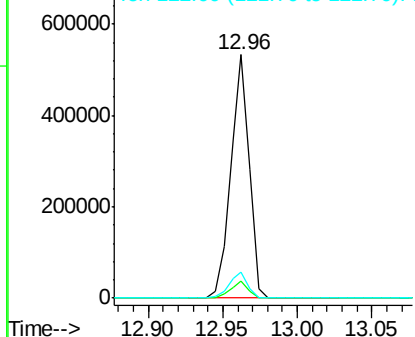


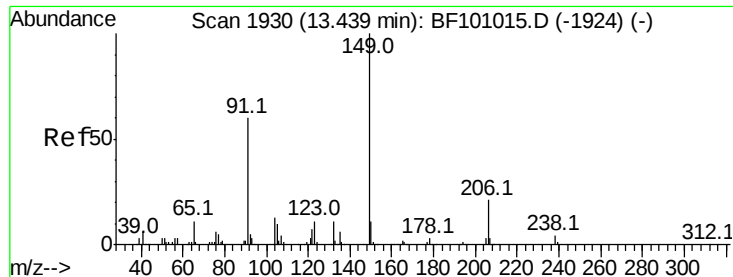
#78
Terphenyl-d14
Concen: 75.440 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion:244 Resp: 464978
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.7 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

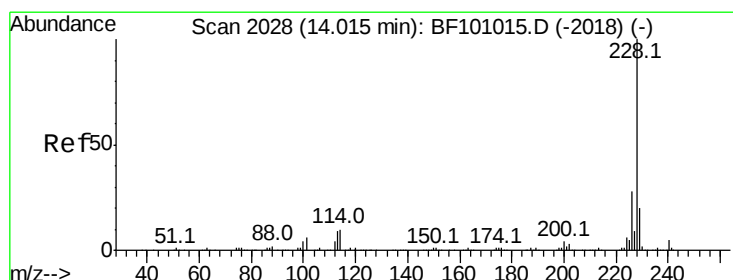
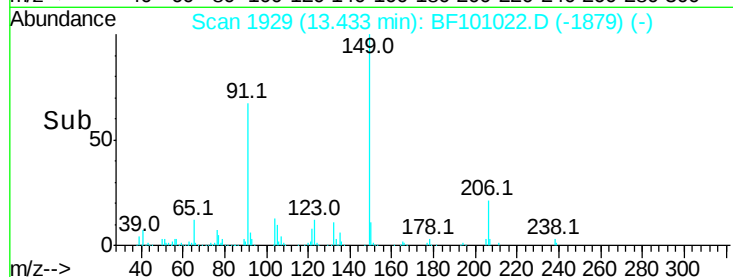
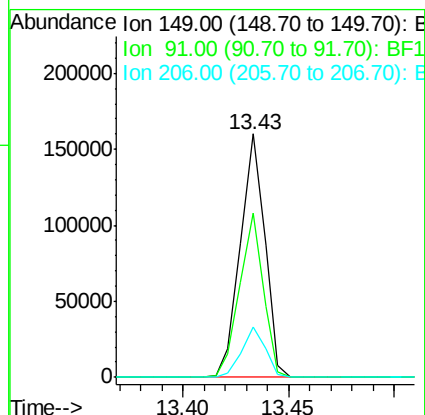
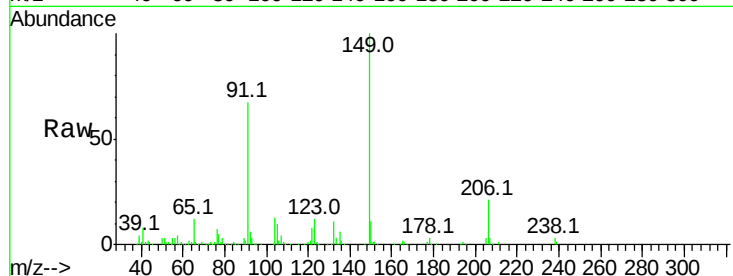




#79
Butylbenzylphthalate
Concen: 31.389 ng
RT: 13.43 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

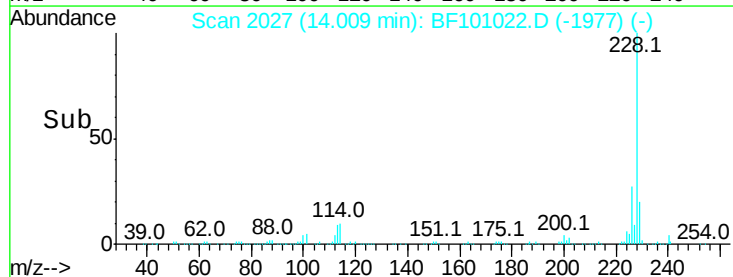
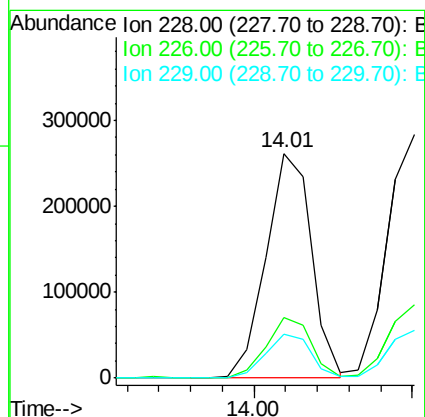
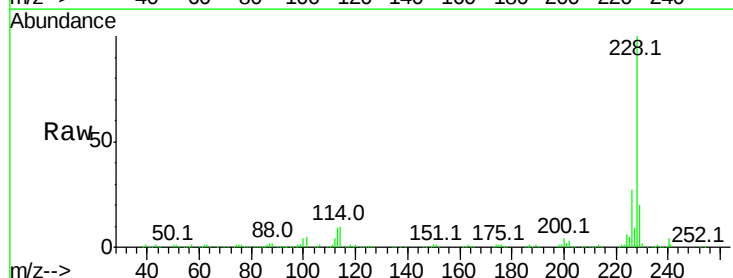
Instrument :
BNA_F
ClientSampleId :

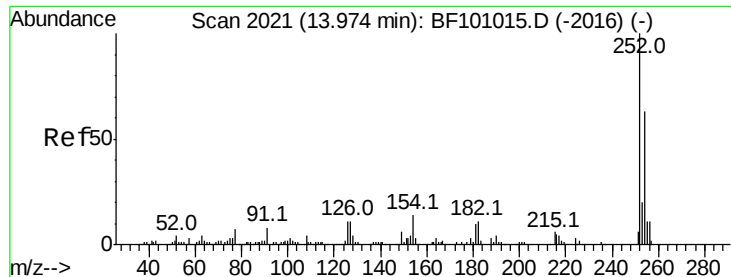
Tot Ion:149 Resp: 128739
Ion Ratio Lower Upper
149 100
91 67.3 56.8 85.2
206 20.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 30.748 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion:228 Resp: 261721
Ion Ratio Lower Upper
228 100
226 26.7 22.6 33.8
229 19.5 15.8 23.6

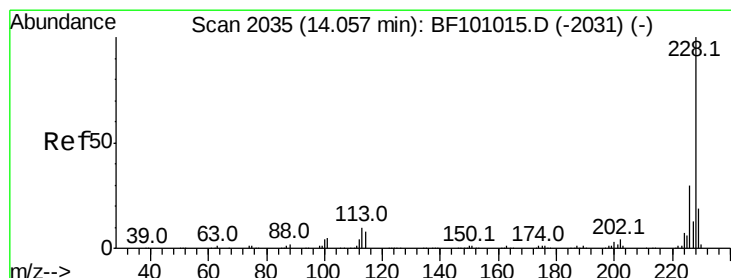
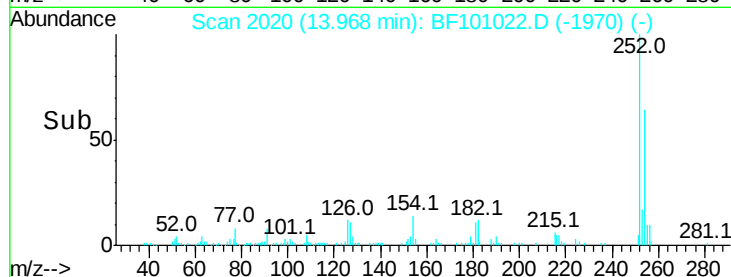
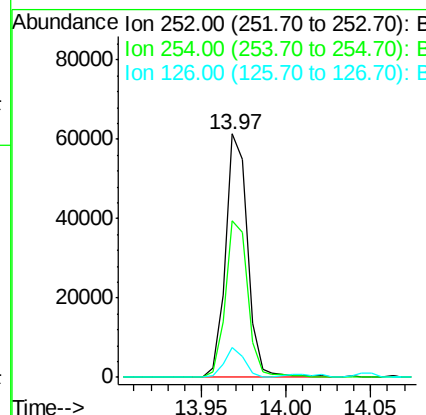
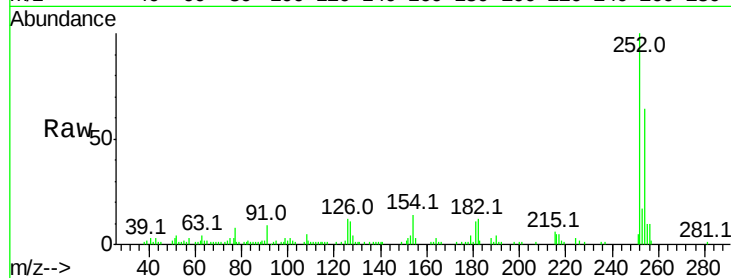




#81
 3,3'-Dichlorobenzidine
 Concen: 18.979 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

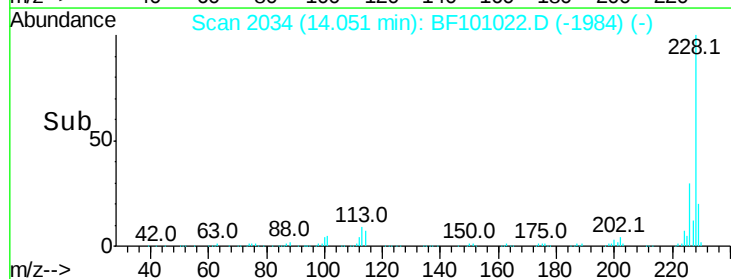
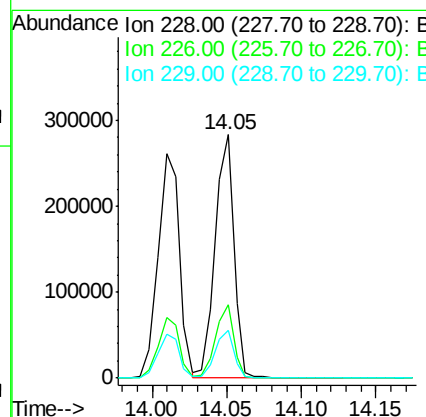
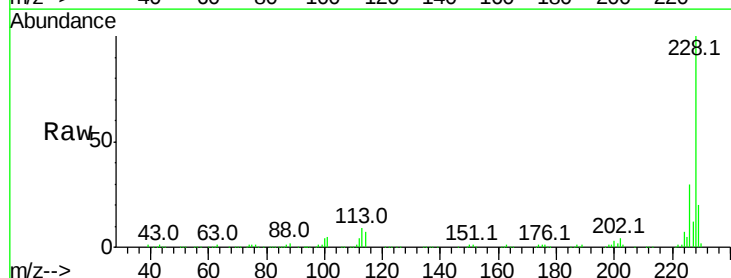
Instrument :
 BNA_F
 ClientSampleId :

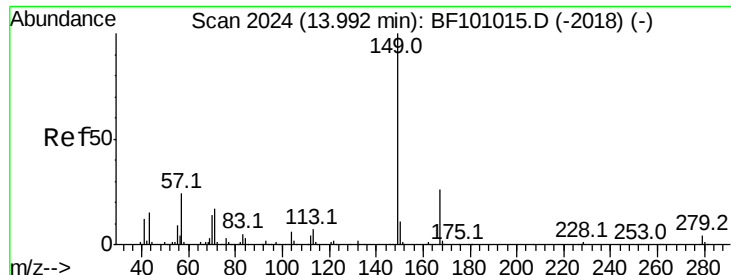
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	12.1	11.3	16.9



#82
 Chrysene
 Concen: 31.457 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	19.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.599 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampleId :

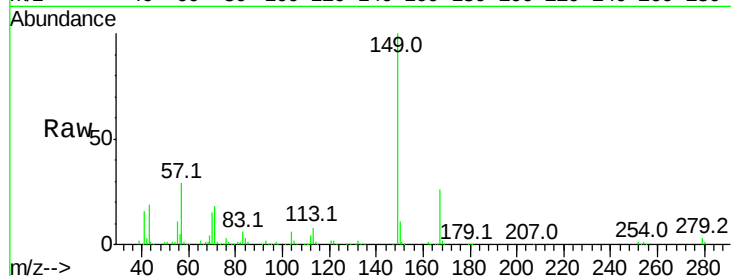
Tot Ion:149 Resp: 167243

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

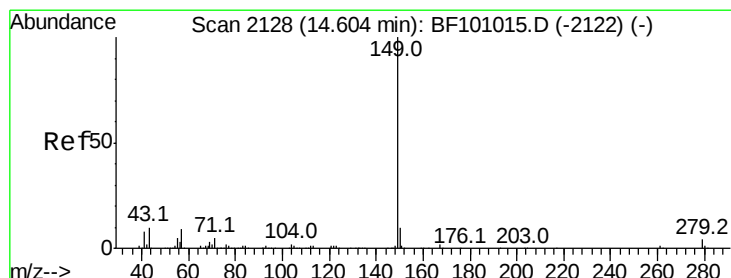
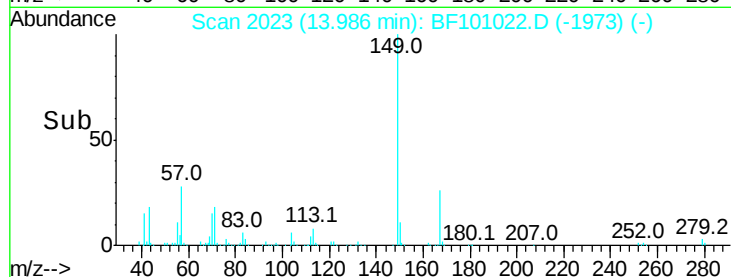
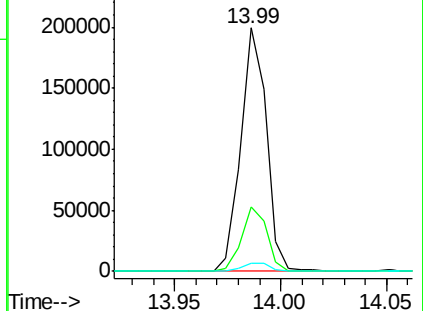
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 25.793 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

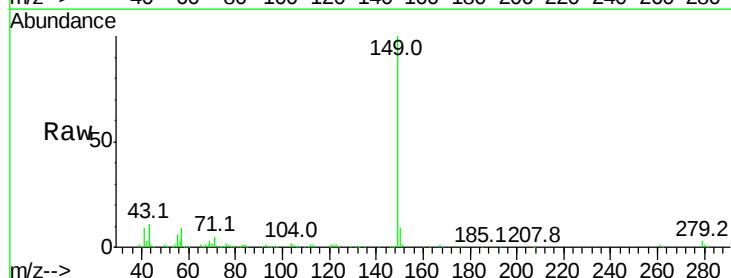
Tgt Ion:149 Resp: 251139

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

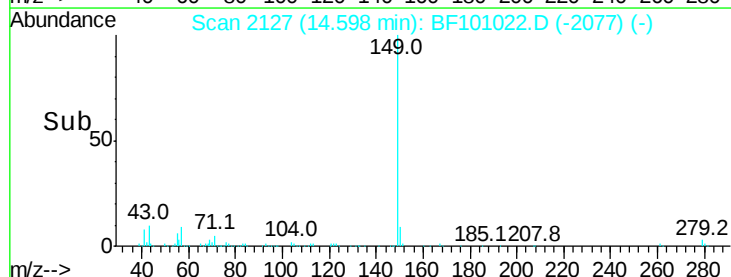
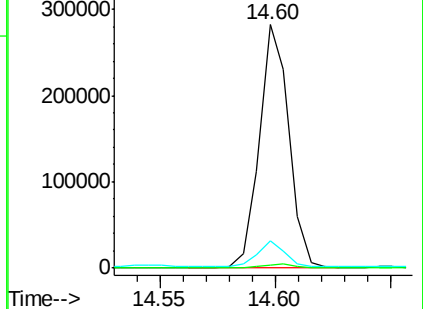
43 9.9 8.4 12.6

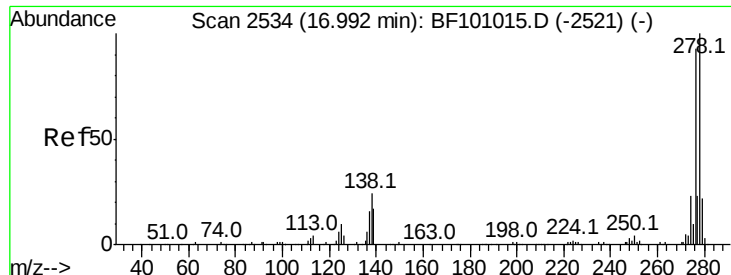


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

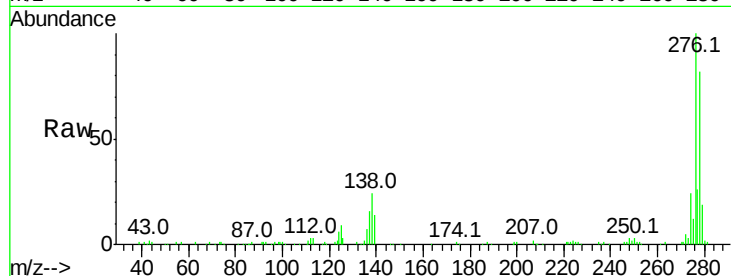




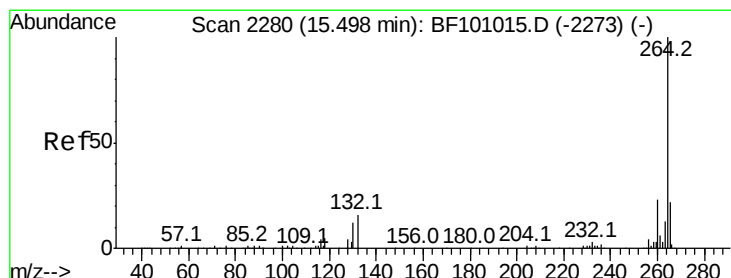
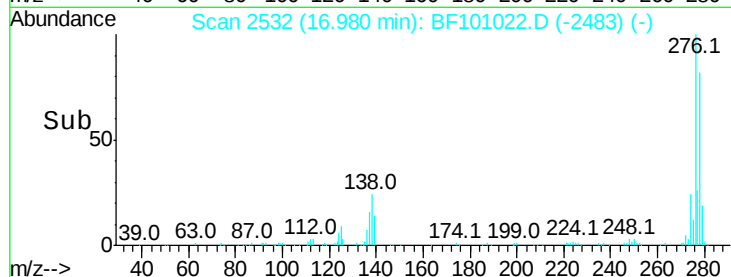
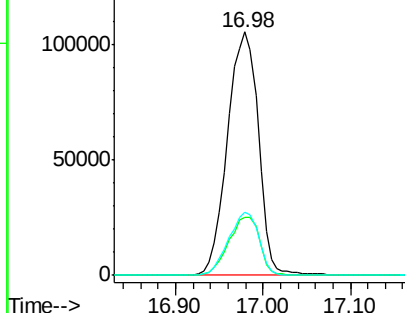
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.005 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.01 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	25.0	37.6#
277	25.3	20.1	30.1

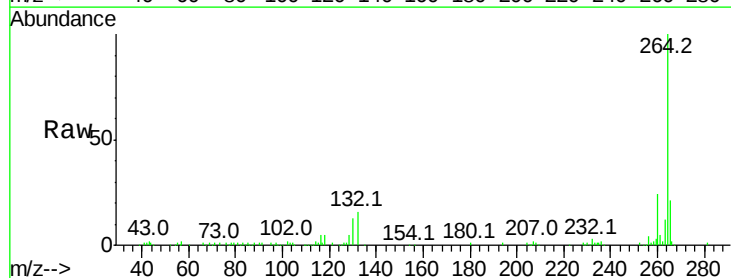


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

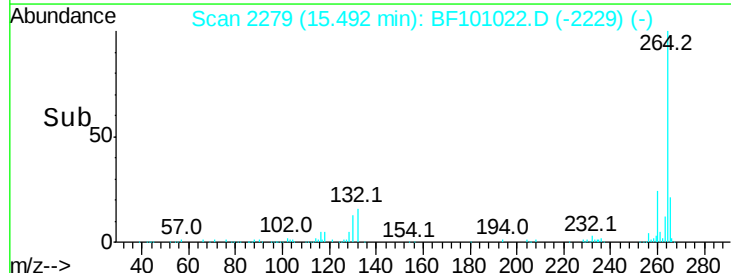
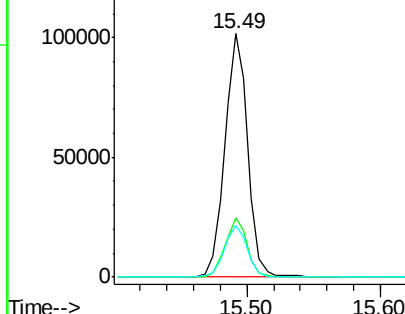


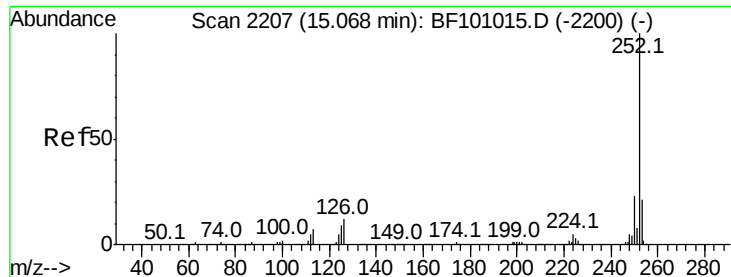
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.0	17.5	26.3



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

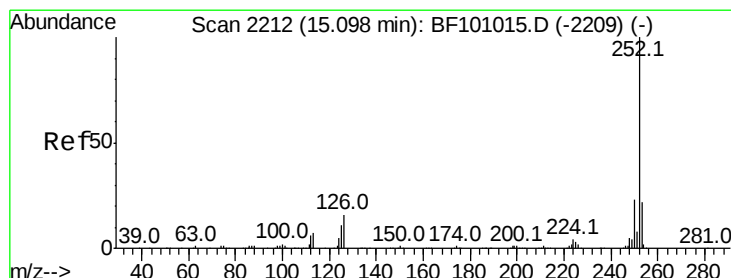
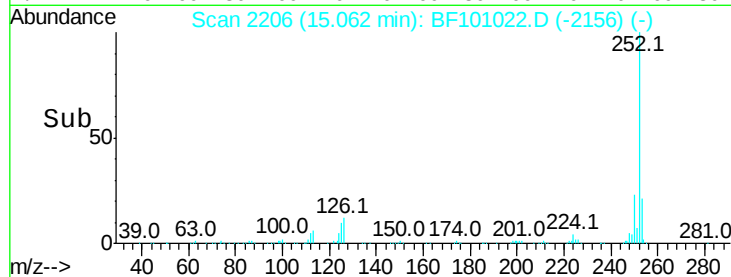
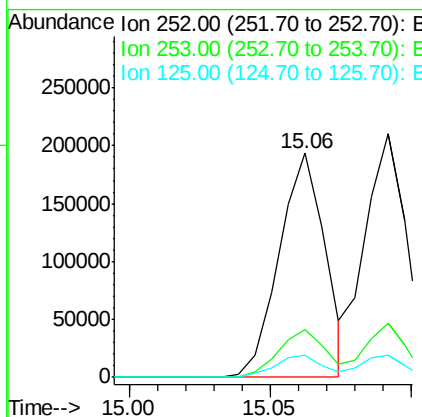
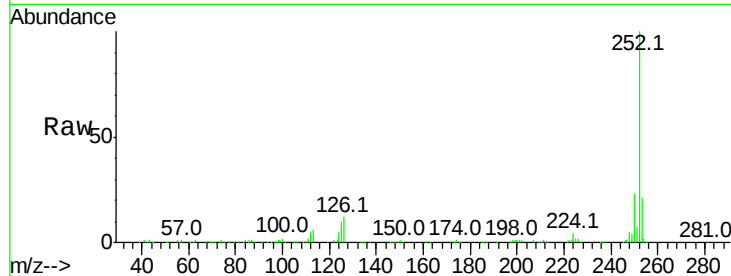




#87
Benzo(b)fluoranthene
Concen: 29.807 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

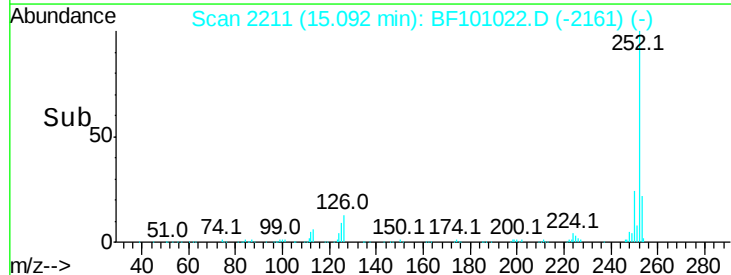
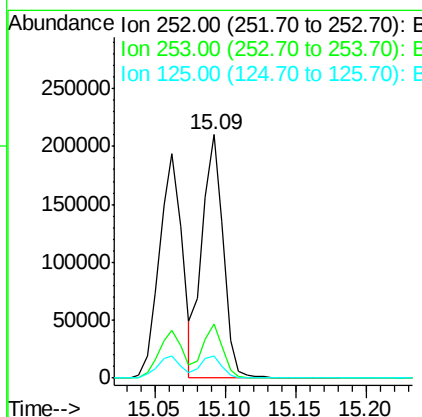
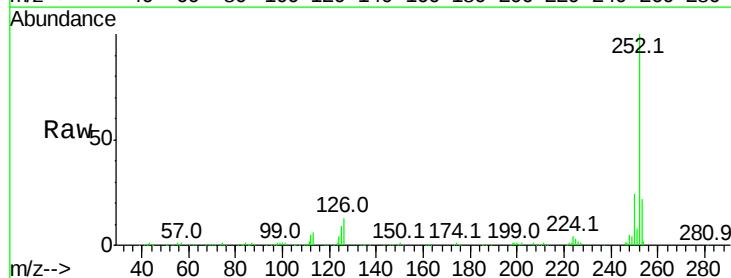
Instrument :
BNA_F
ClientSampleId :

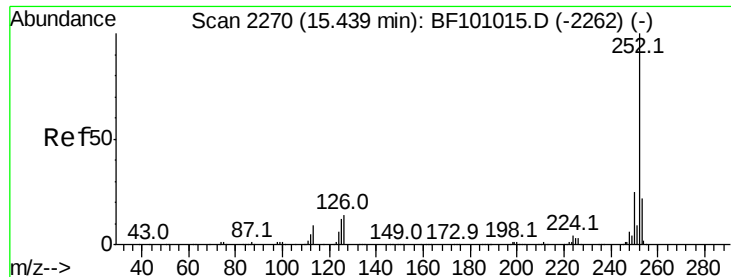
Tot Ion:252 Resp: 217766
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 9.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 30.285 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion:252 Resp: 217991
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 9.2 10.2 15.2#

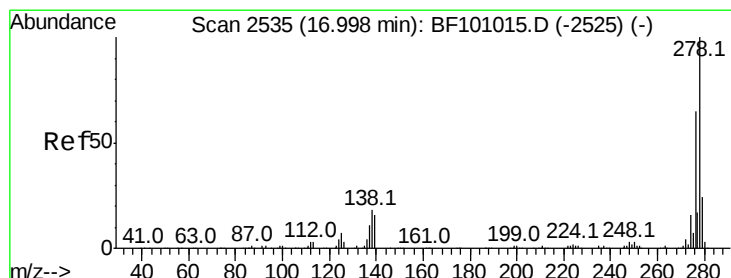
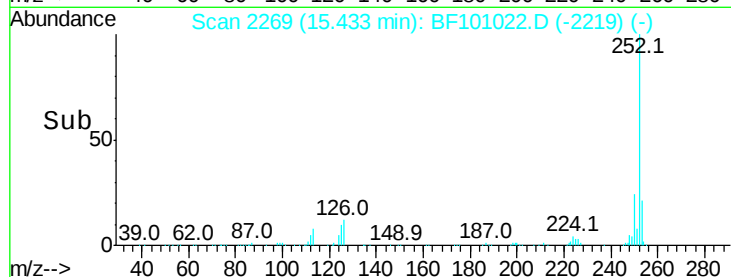
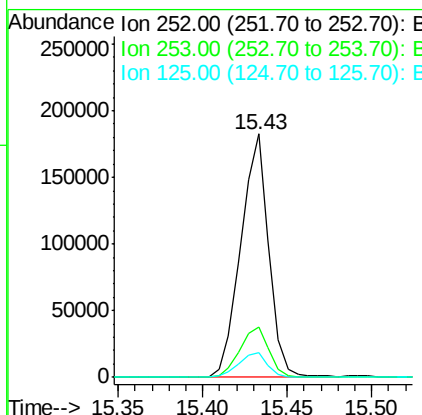
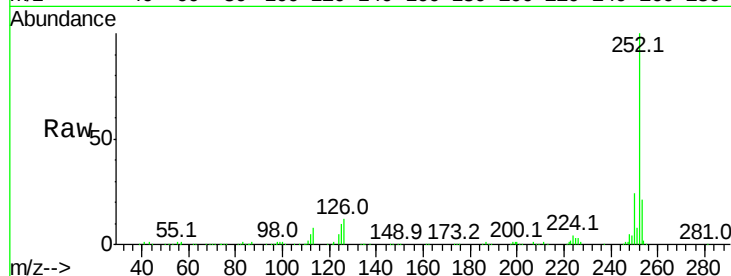




#89
Benzo(a)pyrene
Concen: 31.783 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

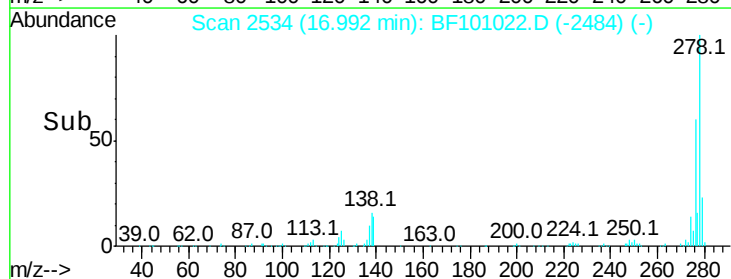
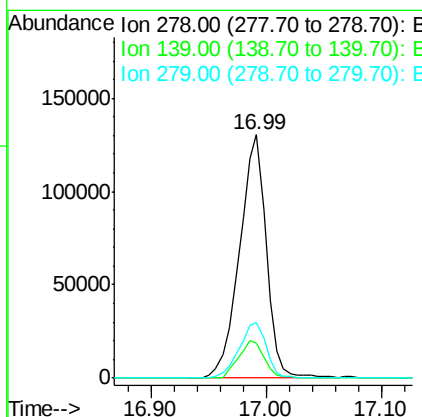
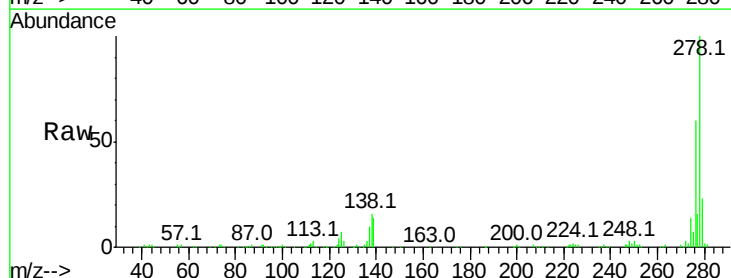
Instrument :
BNA_F
ClientSampleId :

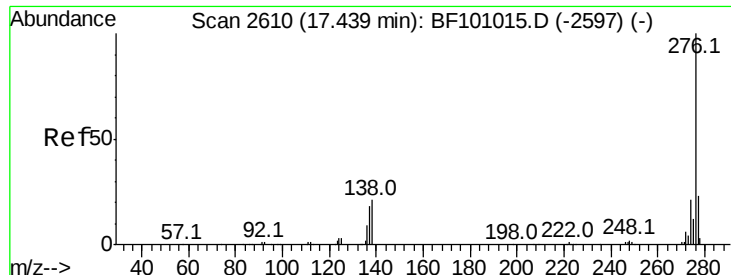
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.1	25.7
125	10.1	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 35.907 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	15.9	23.9#
279	22.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 39.277 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.01 min

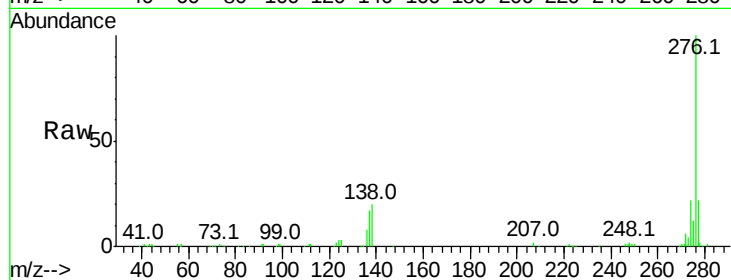
Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	216742
Ion	Ratio	Lower	Upper
276	100		
277	22.1	17.9	26.9
138	20.1	21.8	32.8

