

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100021.D
 Acq On : 31 Oct 2017 23:08
 Operator : SJ/JU
 Sample : I6081-09MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 04:24:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	91720	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	378180	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	166895	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	287451	20.00	ng	0.00
75) Chrysene-d12	13.99	240	170072	20.00	ng	0.00
86) Perylene-d12	15.49	264	170634	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	502725	86.05	ng	0.01
7) Phenol-d6	6.44	99	592269	85.50	ng	0.00
23) Nitrobenzene-d5	7.36	82	333681	56.81	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	119900	78.83	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	657360	60.77	ng	0.00
78) Terphenyl-d14	12.90	244	514682	66.14	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	64663	25.064	ng	# 86
3) Pyridine	3.33	79	144293	23.258	ng	# 85
4) n-Nitrosodimethylamine	3.27	42	55774	25.164	ng	# 66
6) Aniline	6.46	93	175371	19.525	ng	# 72
8) 2-Chlorophenol	6.58	128	194496	31.237	ng	89
9) Benzaldehyde	6.35	77	89262	21.564	ng	96
10) Phenol	6.45	94	262576	34.524	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	172960	29.449	ng	93
12) 1,3-Dichlorobenzene	6.80	146	204982	29.320	ng	97
13) 1,4-Dichlorobenzene	6.80	146	204982	28.889	ng	97
14) 1,2-Dichlorobenzene	6.96	146	190551	29.466	ng	97
15) Benzyl Alcohol	6.94	79	134356	30.498	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	215158	32.978	ng	# 46
17) 2-Methylphenol	7.06	107	152541	29.288	ng	# 93
18) Hexachloroethane	7.29	117	58702	24.798	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	117728	29.001	ng	90
20) 3+4-Methylphenols	7.21	107	204027	33.643	ng	# 70
22) Acetophenone	7.20	105	253210	29.406	ng	# 93
24) Nitrobenzene	7.38	77	174695	29.516	ng	89
25) Isophorone	7.61	82	335730	31.497	ng	99
26) 2-Nitrophenol	7.70	139	80854	23.851	ng	# 82
27) 2,4-Dimethylphenol	7.73	122	164771	32.988	ng	95
28) bis(2-Chloroethoxy)methane	7.82	93	223494	29.939	ng	99
29) 2,4-Dichlorophenol	7.95	162	164199	31.645	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	160734	28.992	ng	98
31) Naphthalene	8.09	128	541314	29.653	ng	99
32) Benzoic acid	7.85	122	12413	2.823	ng	96
33) 4-Chloroaniline	8.15	127	139019	18.442	ng	# 94
34) Hexachlorobutadiene	8.20	225	80681	28.293	ng	98
35) Caprolactam	8.52	113	48120	29.490	ng	# 77
36) 4-Chloro-3-methylphenol	8.65	107	158527	29.933	ng	91
37) 2-Methylnaphthalene	8.79	142	363625	29.724	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	149583	27.750	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	3021	13.339	ng	94

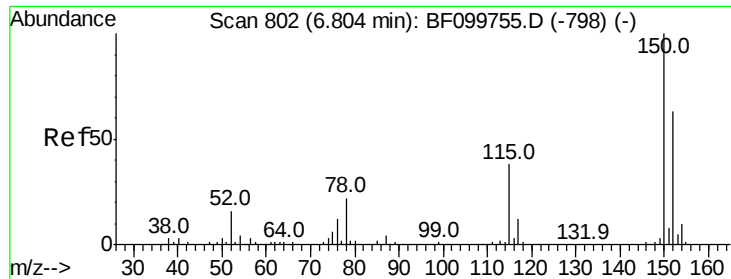
Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	102218	31.350	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	103303	29.857	nq	# 91
45) 1,1'-Biphenyl	9.25	154	425000	28.149	nq	99
46) 2-Chloronaphthalene	9.27	162	330548	30.146	nq	96
47) 2-Nitroaniline	9.39	65	89609	31.138	nq	# 81
48) Acenaphthylene	9.69	152	492404	29.157	nq	99
49) Dimethylphthalate	9.55	163	479355	36.269	nq	100
50) 2,6-Dinitrotoluene	9.63	165	81480	29.326	nq	# 77
51) Acenaphthene	9.86	154	298295	28.908	nq	98
52) 3-Nitroaniline	9.80	138	87787	26.815	nq	84
53) 2,4-Dinitrophenol	9.99	184	1960	7.419	nq	# 1
54) Dibenzofuran	10.03	168	445939	30.615	nq	99
55) 4-Nitrophenol	9.99	139	67651	39.549	nq	82
56) 2,4-Dinitrotoluene	10.04	165	102041	30.496	nq	96
57) Fluorene	10.38	166	356928	29.596	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	75385	31.075	nq	# 90
59) Diethylphthalate	10.25	149	373983	28.976	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	165812	29.214	nq	97
61) 4-Nitroaniline	10.42	138	93518	29.940	nq	84
62) Azobenzene	10.53	77	327066	30.230	nq	90
65) n-Nitrosodiphenylamine	10.49	169	312993	29.497	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	94605	31.262	nq	90
67) Hexachlorobenzene	10.93	284	90860	29.348	nq	# 91
68) Atrazine	11.02	200	95645	30.007	nq	99
69) Pentachlorophenol	11.14	266	51716	39.093	nq	97
70) Phenanthrene	11.35	178	530367	32.694	nq	99
71) Anthracene	11.40	178	504409	30.632	nq	98
72) Carbazole	11.56	167	452873	29.246	nq	98
73) Di-n-butylphthalate	11.87	149	582854	29.511	nq	98
74) Fluoranthene	12.54	202	509941	30.248	nq	97
76) Benzidine	12.67	184	128287	17.239	nq	98
77) Pyrene	12.77	202	489822	37.876	nq	99
79) Butylbenzylphthalate	13.37	149	208580	32.753	nq	92
80) Benzo(a)anthracene	13.97	228	337194	31.275	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	96429	24.639	nq	99
82) Chrysene	14.01	228	315582	31.135	nq	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	289981	32.426	nq	# 99
84) Di-n-octyl phthalate	14.57	149	438674	28.579	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.99	276	319404	34.326	nq	97
87) Benzo(b)fluoranthene	15.05	252	333565	30.958	nq	97
88) Benzo(k)fluoranthene	15.08	252	285599	28.110	nq	99
89) Benzo(a)pyrene	15.42	252	306864	31.705	nq	# 97
90) Dibenzo(a,h)anthracene	16.98	278	263355	30.622	nq	97
91) Benzo(g,h,i)perylene	17.43	276	260016	30.903	nq	95

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

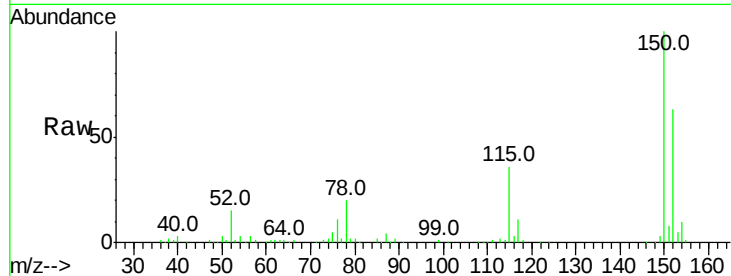


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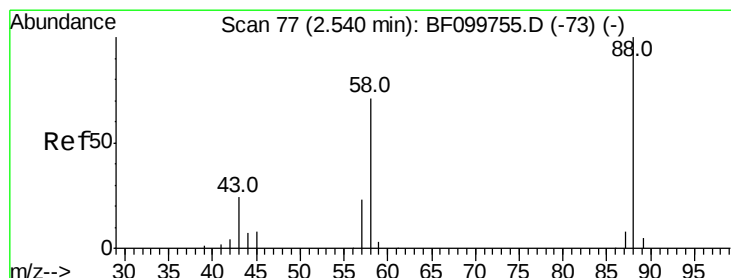
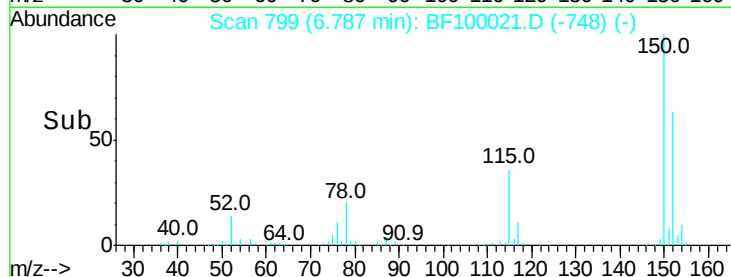
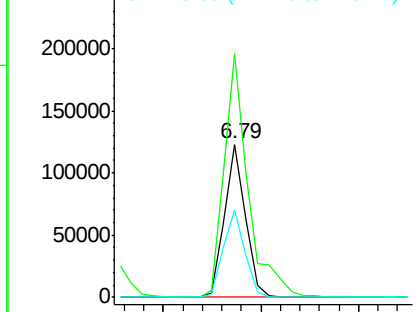
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 91720
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 56.8 50.1 75.1



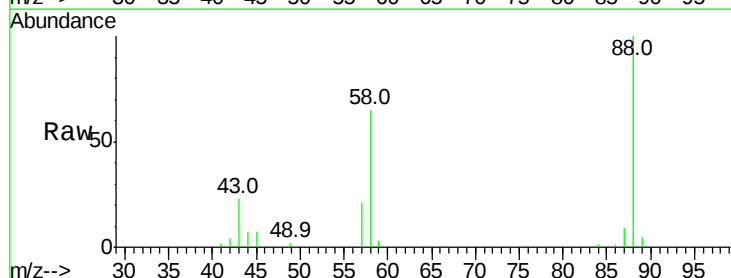
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



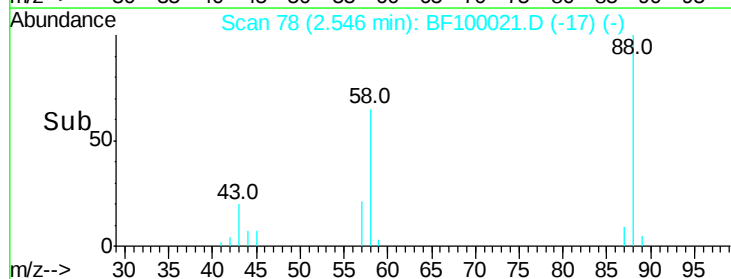
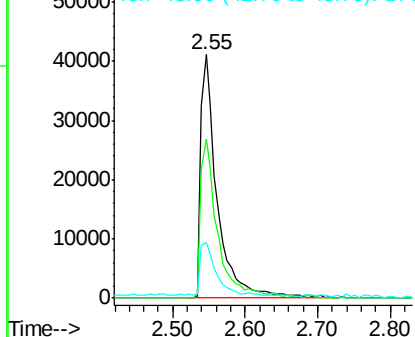
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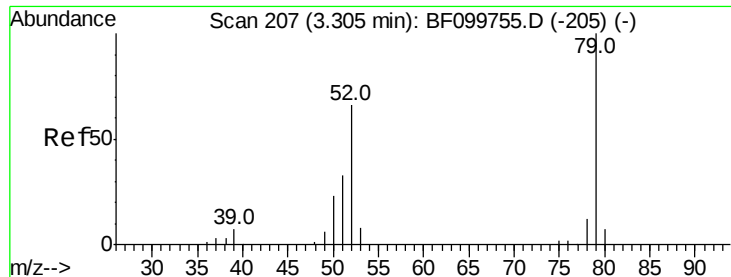
1,4-Dioxane
Concen: 25.064 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.06 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

Tgt Ion: 88 Resp: 64663
Ion Ratio Lower Upper
88 100
58 67.7 62.6 93.8
43 21.2 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

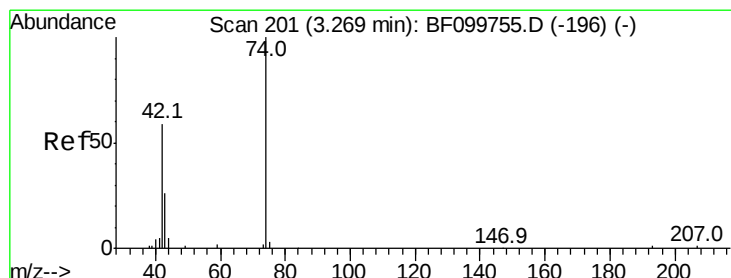
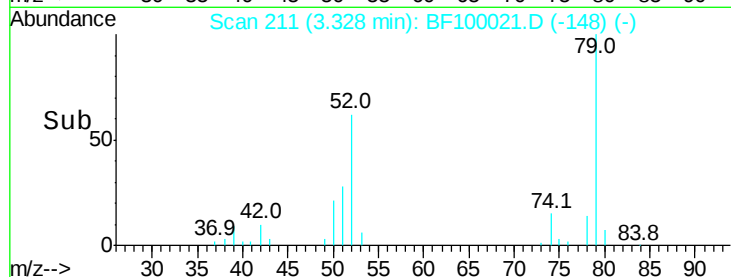
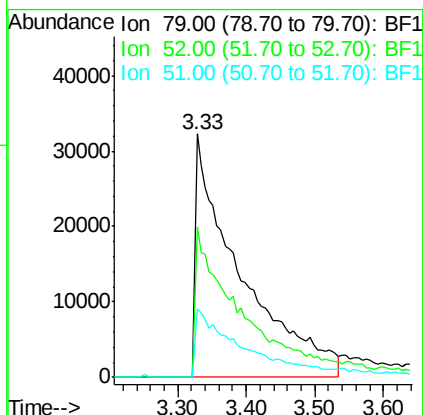
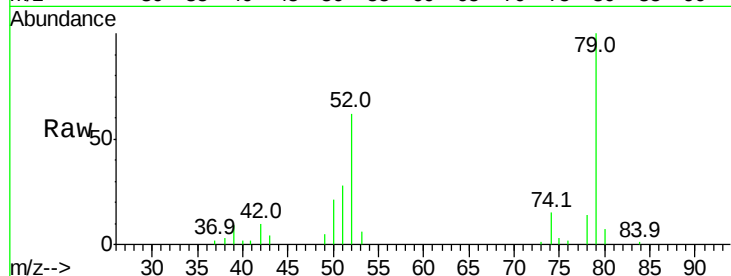




#3
 Pvridine
 Concen: 23.258 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.07 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

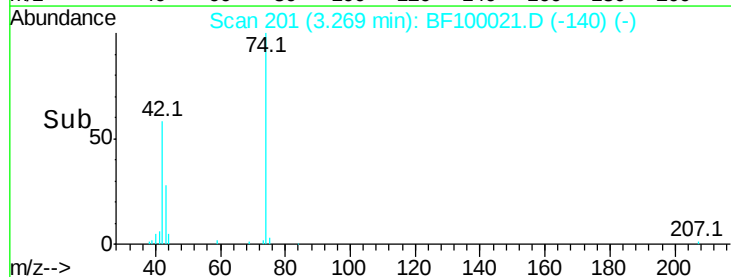
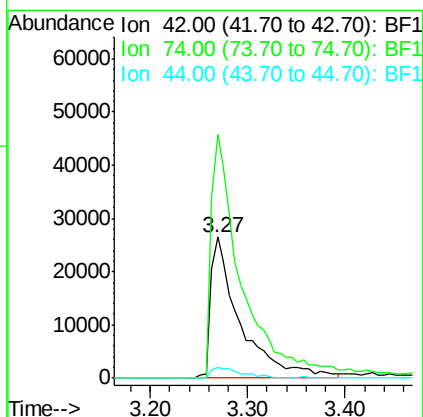
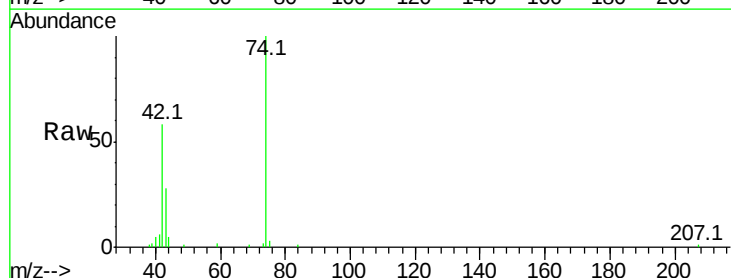
Instrument :
 BNA_F
 ClientSampled :

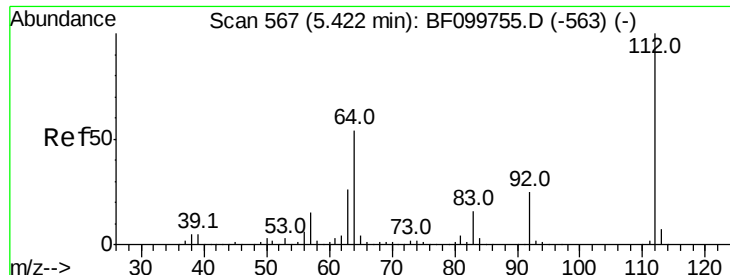
Tot Ion: 79 Resp: 144293
 Ion Ratio Lower Upper
 79 100
 52 61.9 59.8 89.6
 51 28.1 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 25.164 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.06 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Tgt Ion: 42 Resp: 55774
 Ion Ratio Lower Upper
 42 100
 74 173.2 104.9 157.3#
 44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 86.051 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :
BNA_F
ClientSampled :

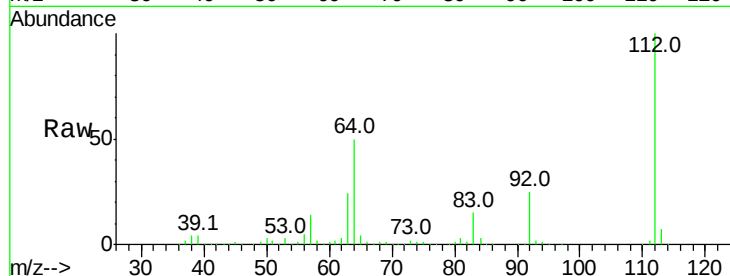
Tot Ion:112 Resp: 502725

Ion Ratio Lower Upper

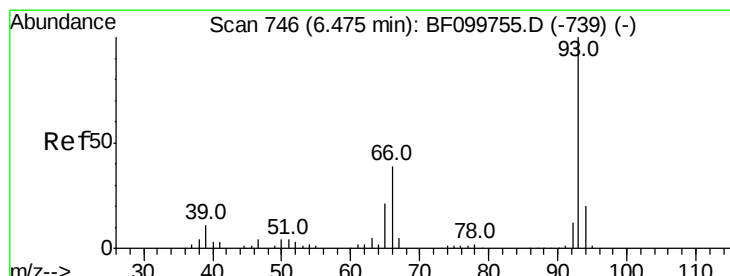
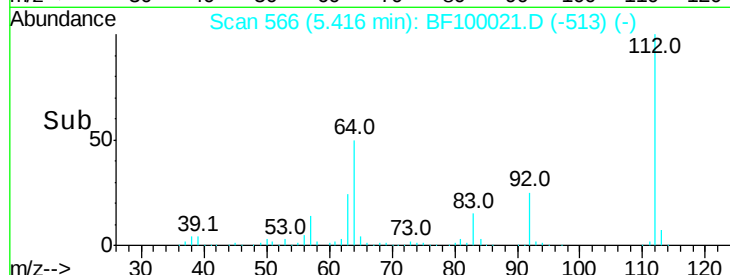
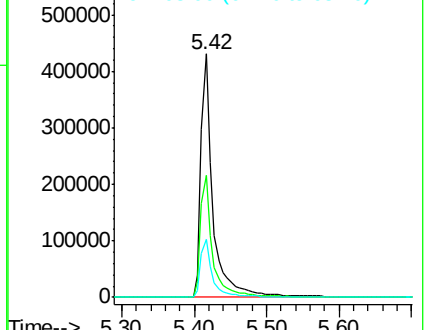
112 100

64 50.0 47.9 71.9

63 23.7 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: 19.525 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

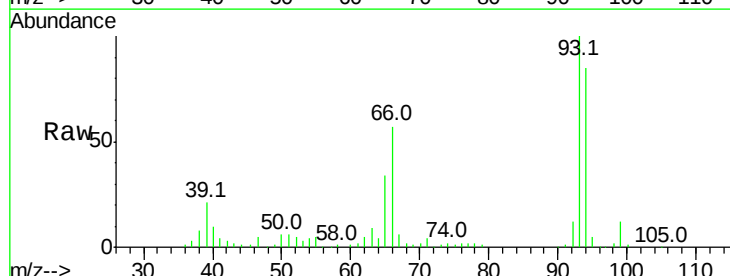
Tgt Ion: 93 Resp: 175371

Ion Ratio Lower Upper

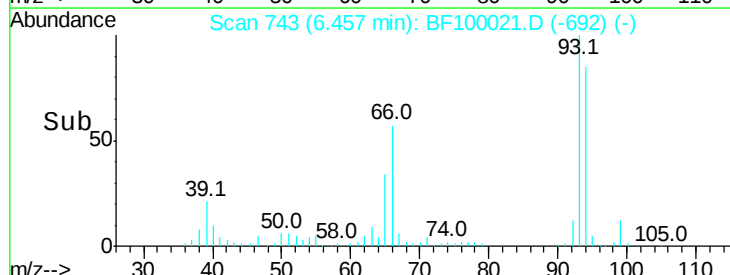
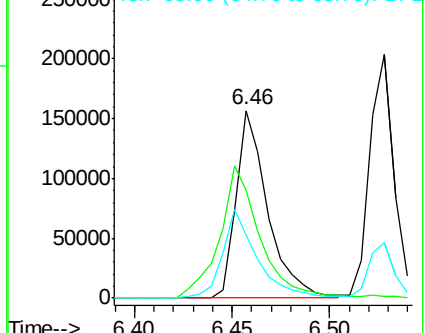
93 100

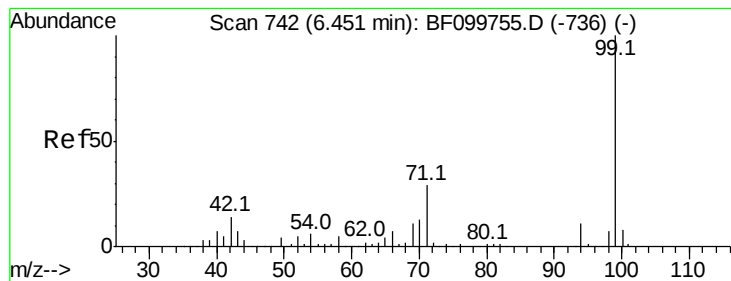
66 57.2 32.2 48.2#

65 33.8 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.499 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampleId :

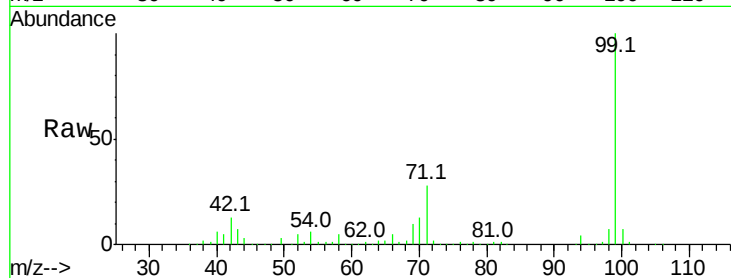
Tot Ion: 99 Resp: 592269

Ion Ratio Lower Upper

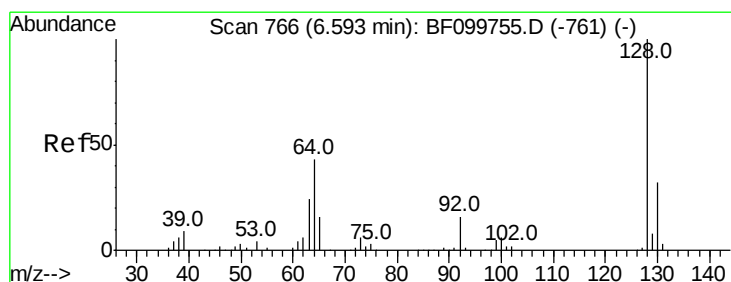
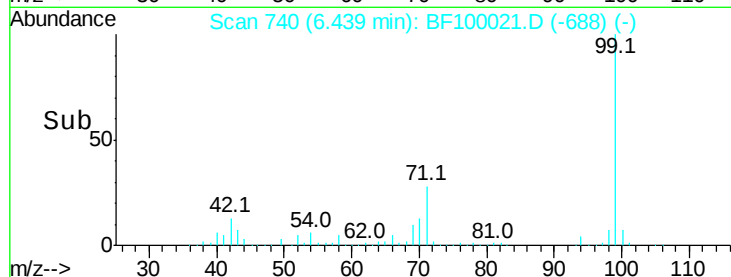
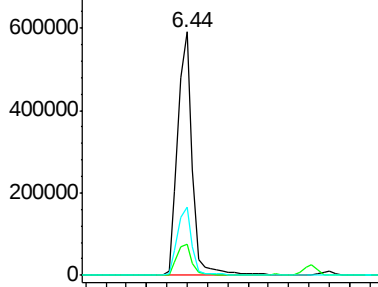
99 100

42 12.9 14.5 21.7#

71 27.8 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: 31.237 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

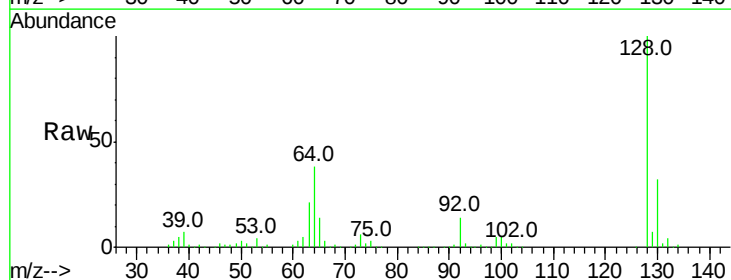
Tgt Ion: 128 Resp: 194496

Ion Ratio Lower Upper

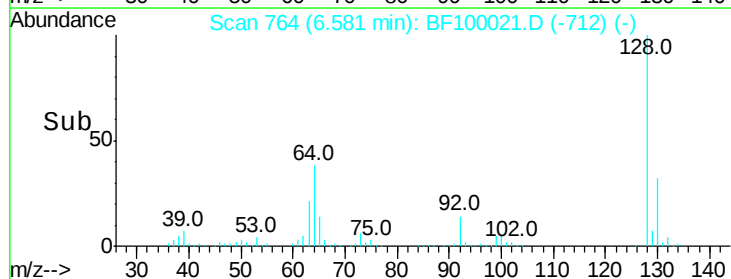
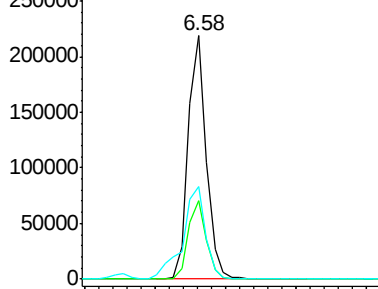
128 100

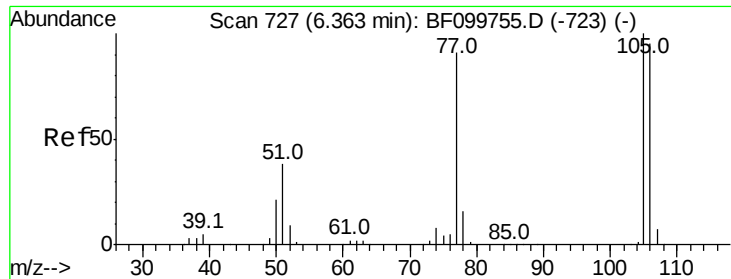
130 32.2 13.0 53.0

64 38.0 29.4 69.4



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

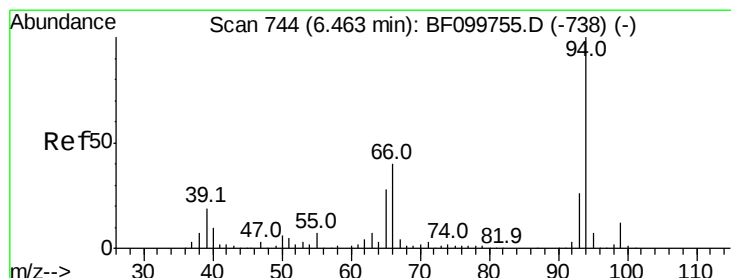
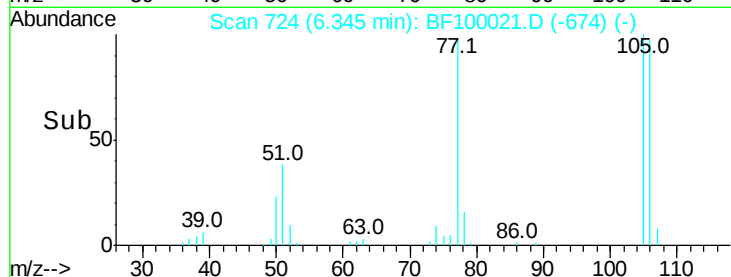
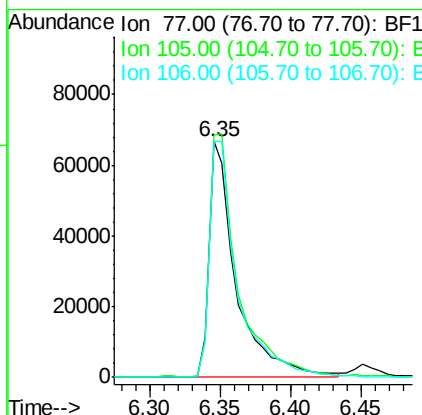
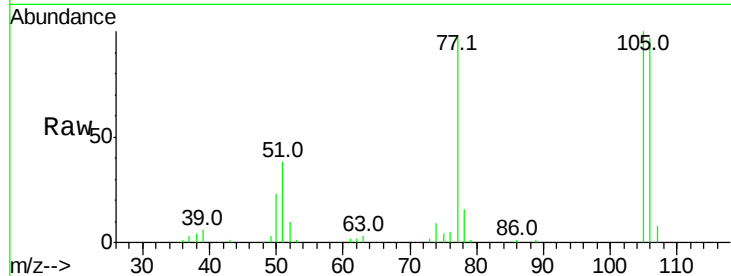




#9
Benzaldehyde
Concen: 21.564 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

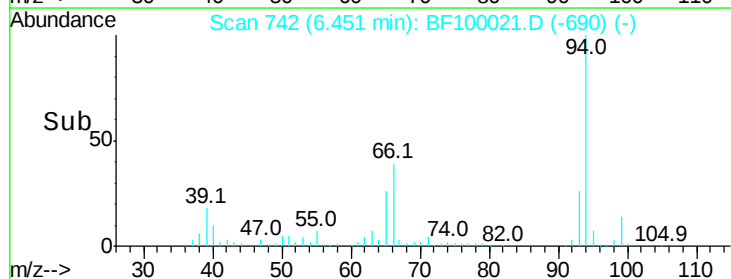
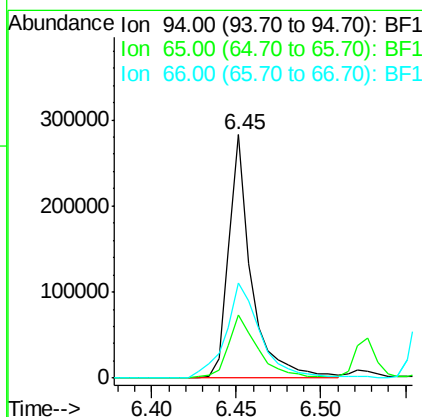
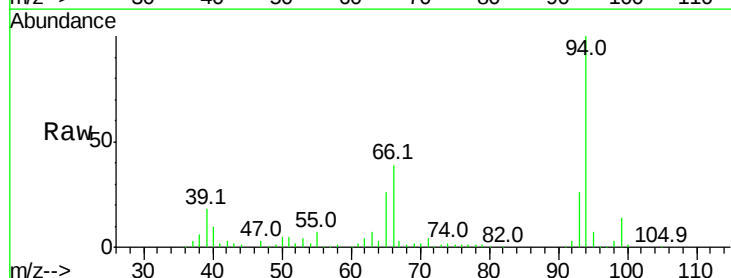
Instrument :
BNA_F
ClientSampleId :

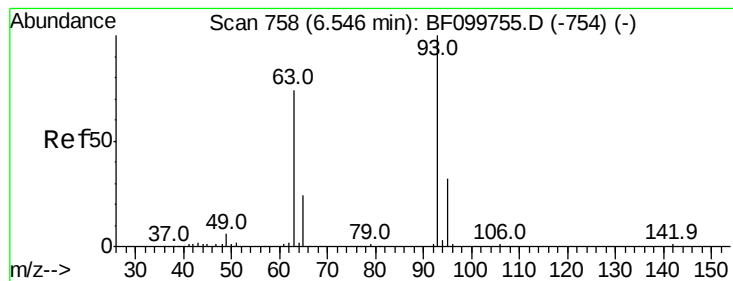
Tot Ion: 77 Resp: 89262
Ion Ratio Lower Upper
77 100
105 103.0 81.1 121.1
106 100.4 74.5 114.5



#10
Phenol
Concen: 34.524 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

Tgt Ion: 94 Resp: 262576
Ion Ratio Lower Upper
94 100
65 26.2 7.9 47.9
66 39.3 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 29.449 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampleId :

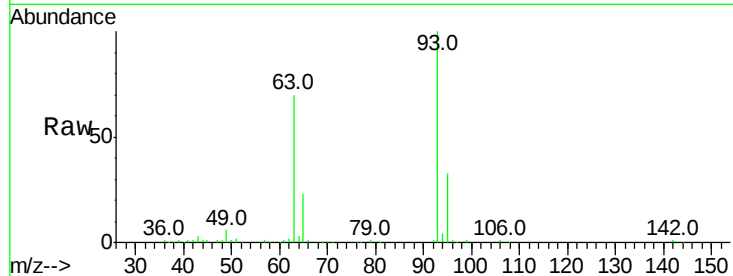
Tot Ion: 93 Resp: 172960

Ion Ratio Lower Upper

93 100

63 70.4 58.6 98.6

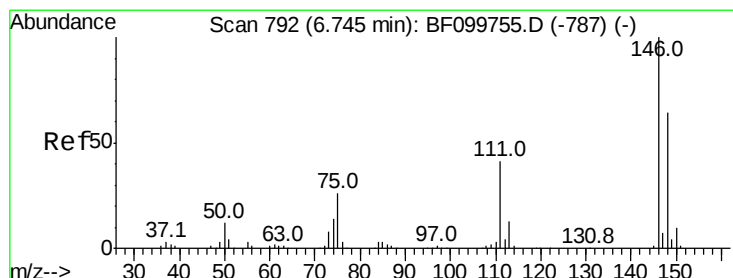
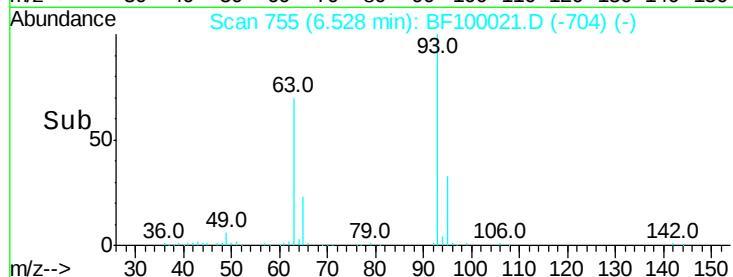
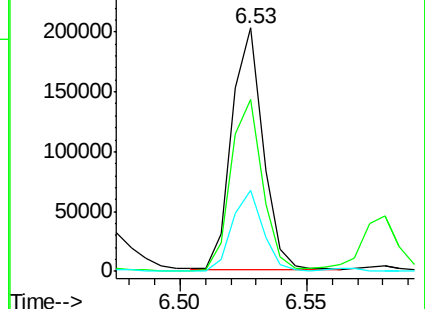
95 33.3 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 29.320 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.08 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

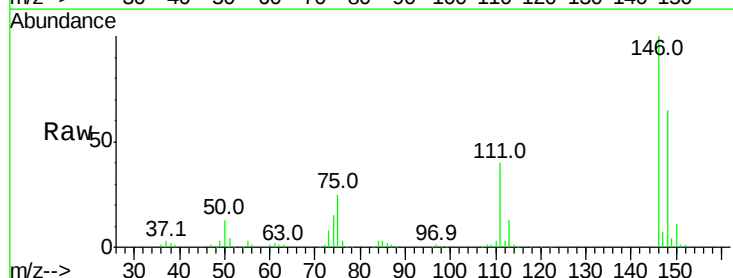
Tgt Ion:146 Resp: 204982

Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.8

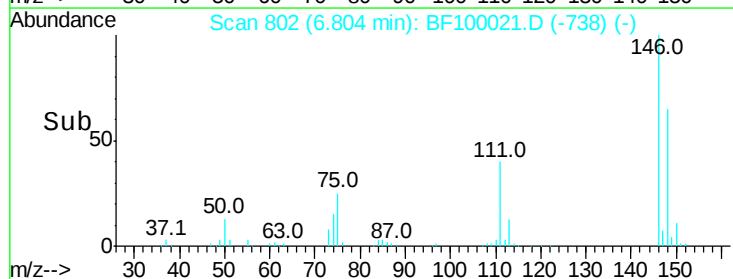
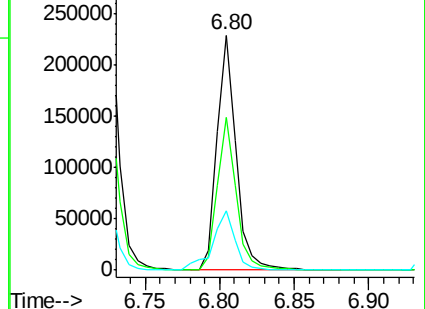
75 25.4 24.2 36.4

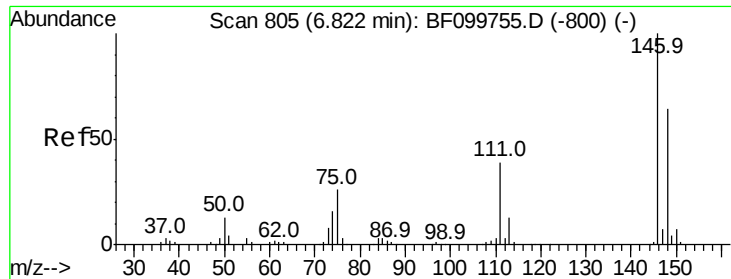


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

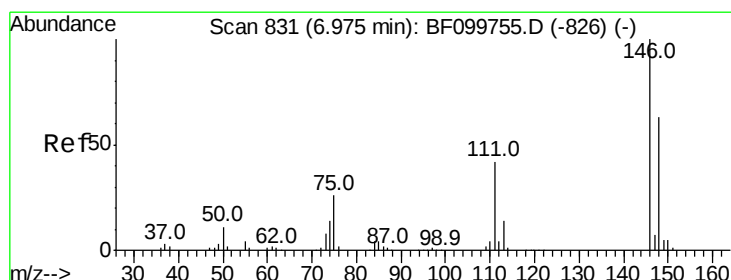
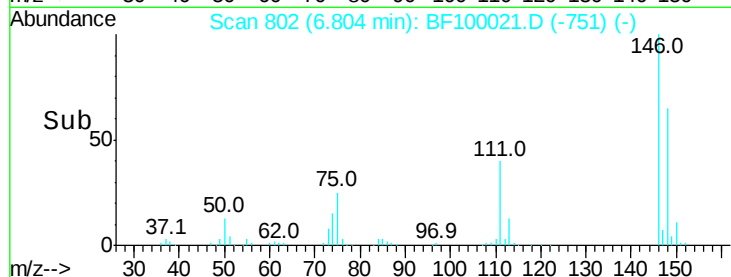
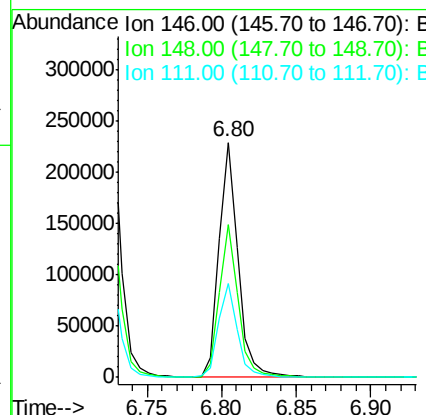
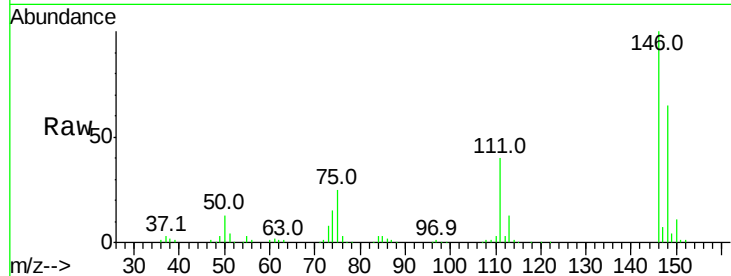




#13
 1,4-Dichlorobenzene
 Concen: 28.889 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

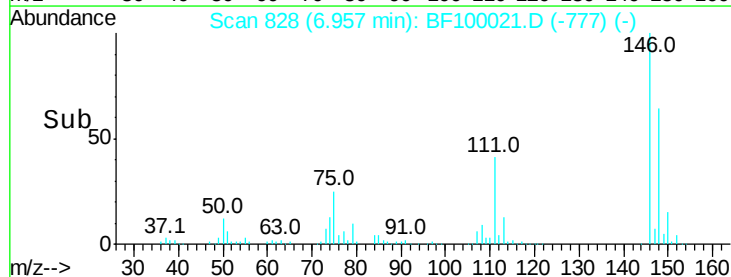
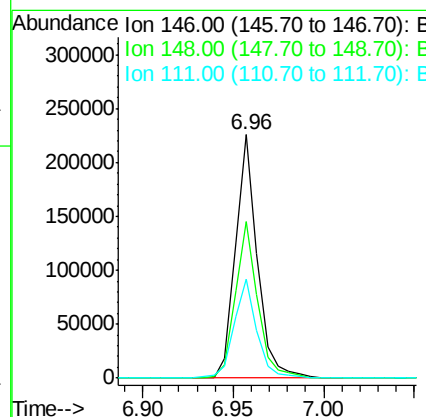
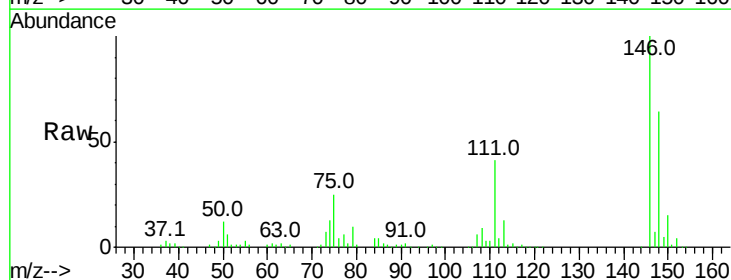
Instrument :
 BNA_F
 ClientSampleId :

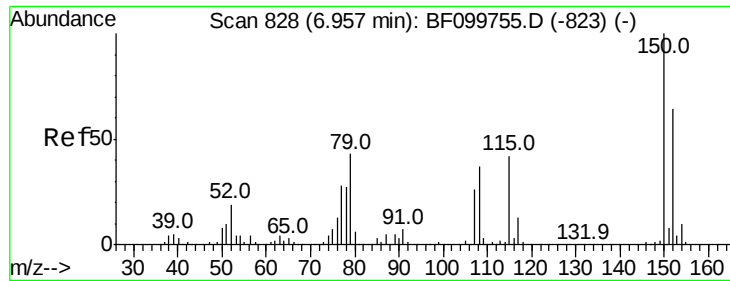
Tot Ion:146 Resp: 204982
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.8 76.2
 111 40.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 29.466 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Tgt Ion:146 Resp: 190551
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 40.6 36.0 54.0

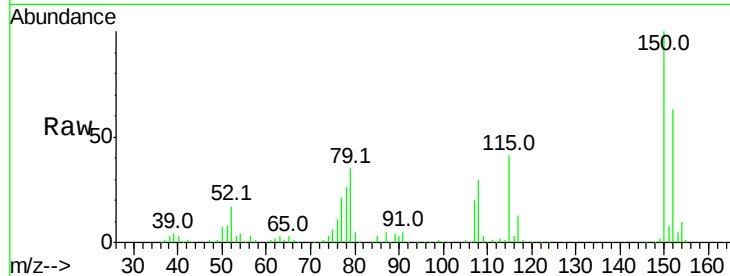




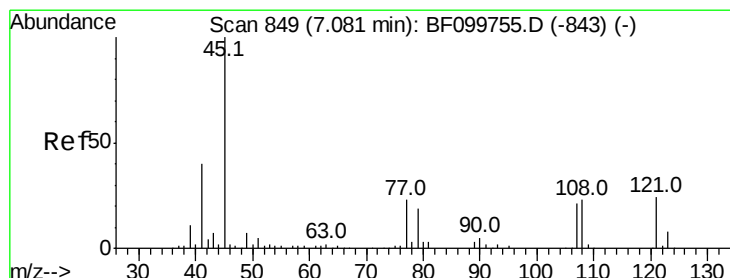
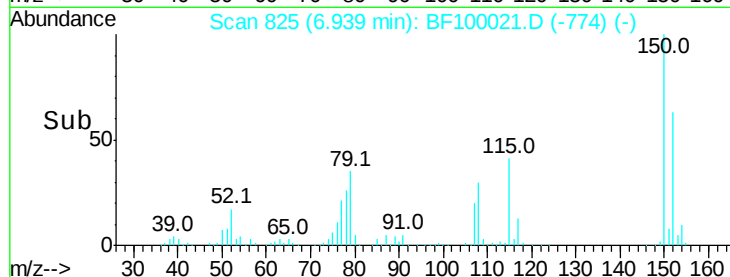
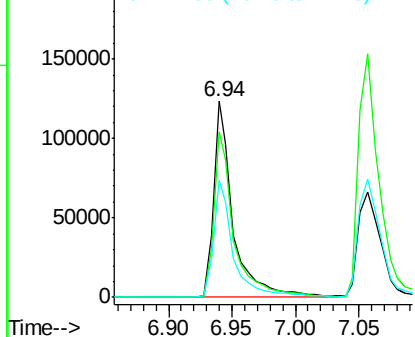
#15
Benzyl Alcohol
Concen: 30.498 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 134356
Ion Ratio Lower Upper
79 100
108 84.8 65.1 97.7
77 59.5 50.6 75.8

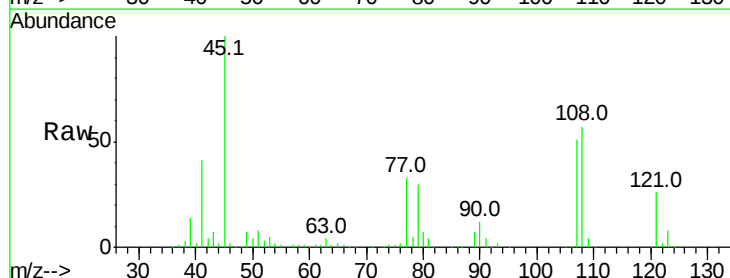


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

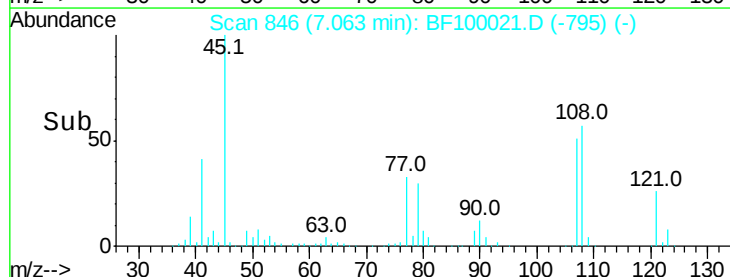
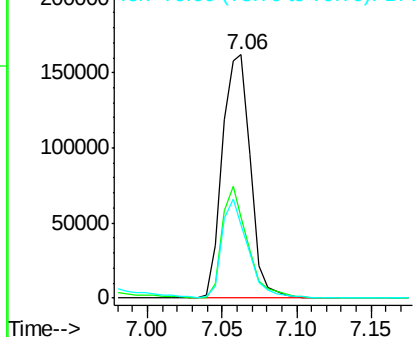


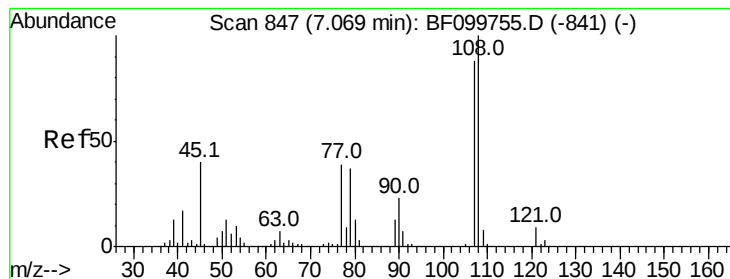
#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.978 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

Tgt Ion: 45 Resp: 215158
Ion Ratio Lower Upper
45 100
77 33.5 0.0 32.9#
79 30.1 0.0 29.6#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 29.288 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 152541

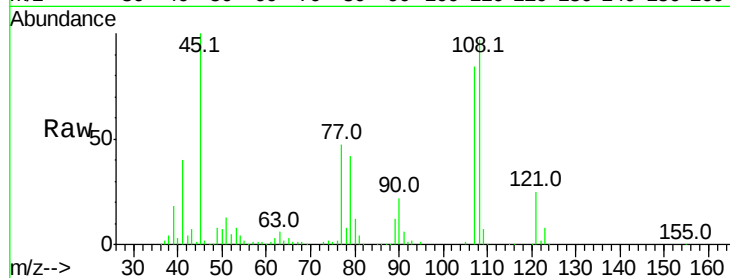
Ion Ratio Lower Upper

107 100

108 114.8 91.7 137.5

77 55.5 33.8 50.8#

79 49.4 33.8 50.8

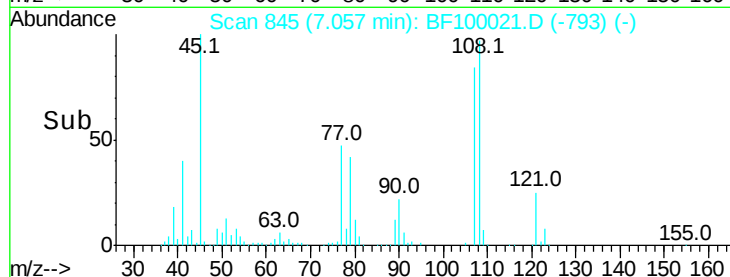


Abundance Ion 107.00 (106.70 to 107.70): E

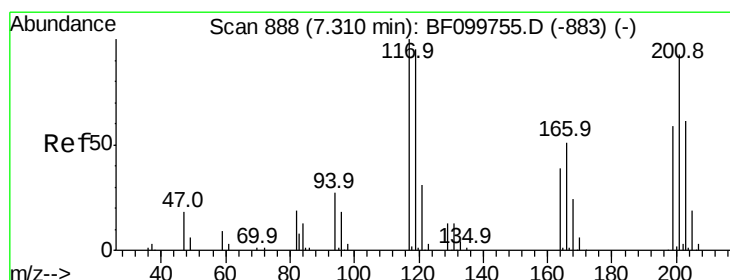
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 24.798 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

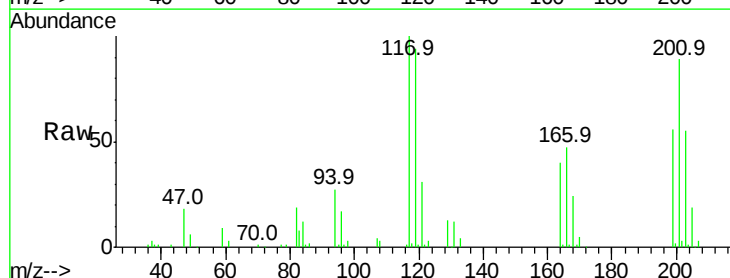
Tgt Ion:117 Resp: 58702

Ion Ratio Lower Upper

117 100

119 93.6 75.8 113.8

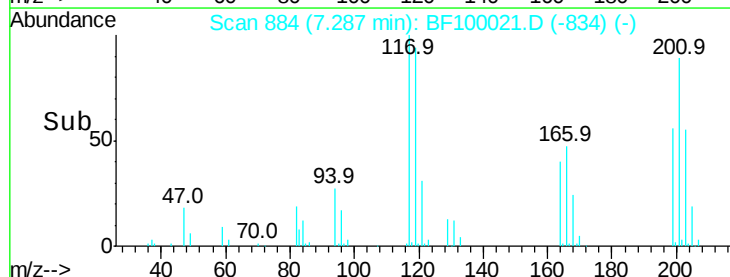
201 88.9 75.7 113.5



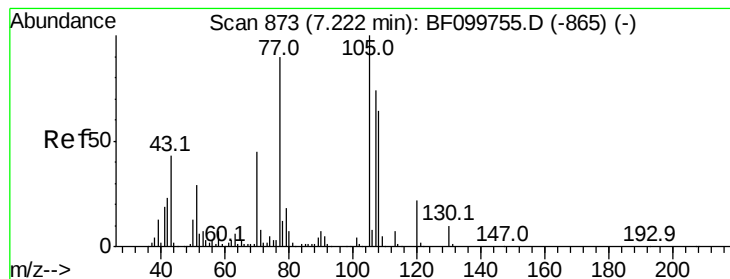
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 29.001 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 117728

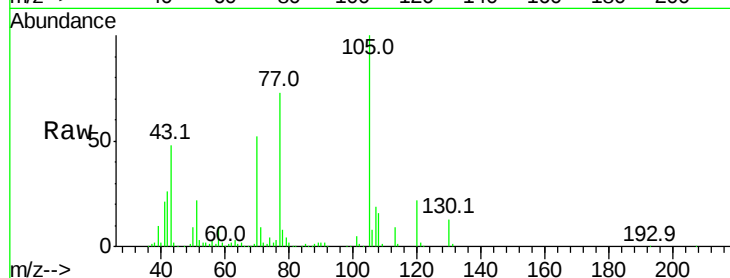
Ion Ratio Lower Upper

70 100

42 50.4 47.5 71.3

101 10.4 7.4 11.2

130 24.5 16.6 25.0

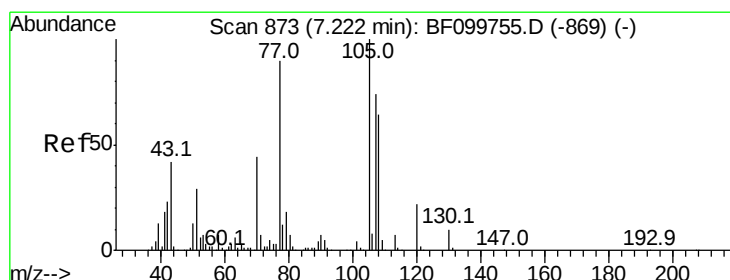
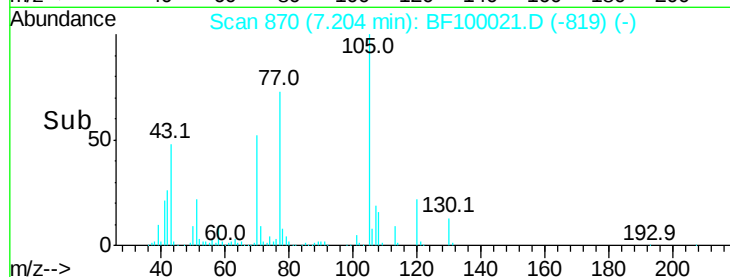
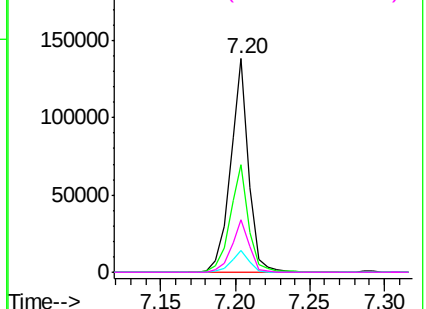


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 33.643 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Tgt Ion: 107 Resp: 204027

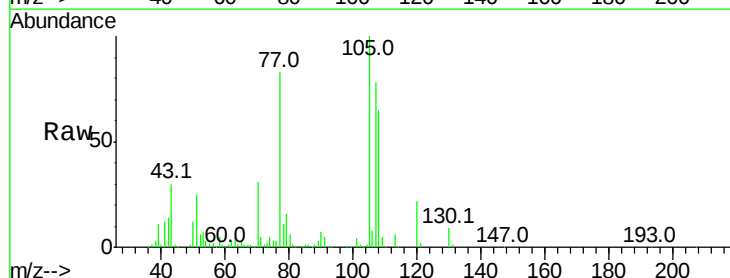
Ion Ratio Lower Upper

107 100

108 83.9 68.2 108.2

77 106.5 26.7 66.7#

79 20.5 6.3 46.3

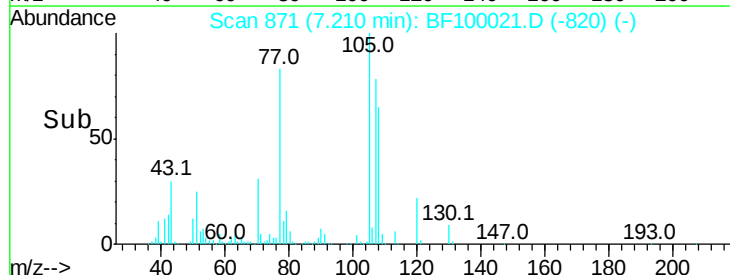
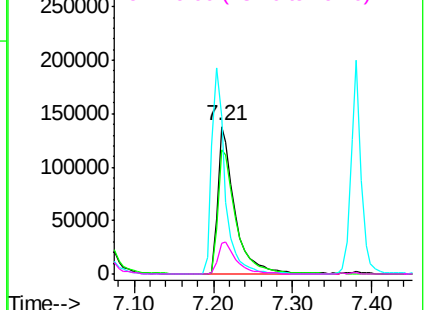


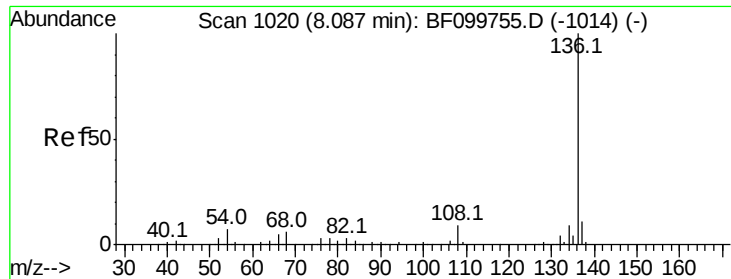
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 378180

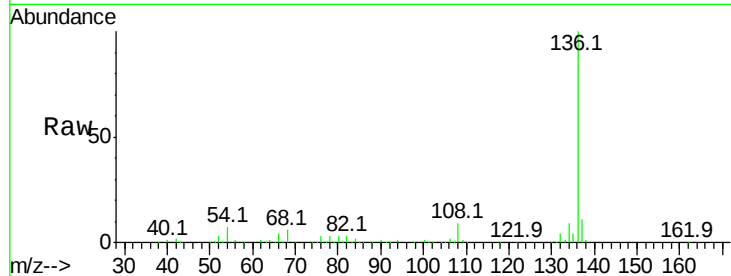
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.7 6.6 9.8

68 5.9 5.0 7.4

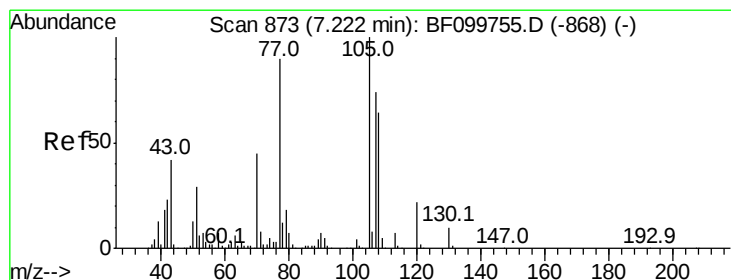
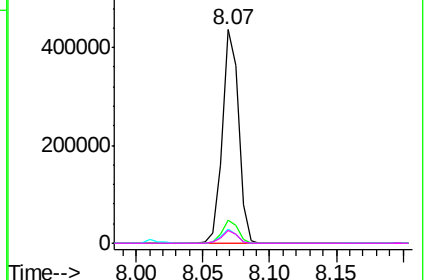
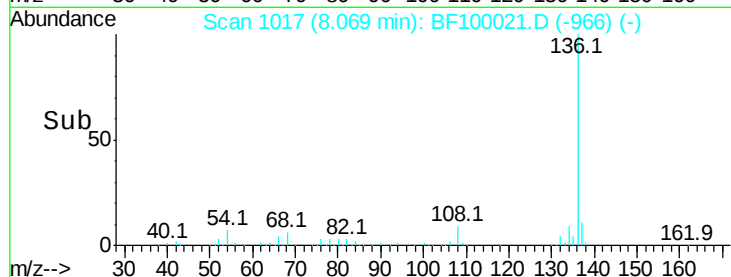


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 29.406 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Tgt Ion:105 Resp: 253210

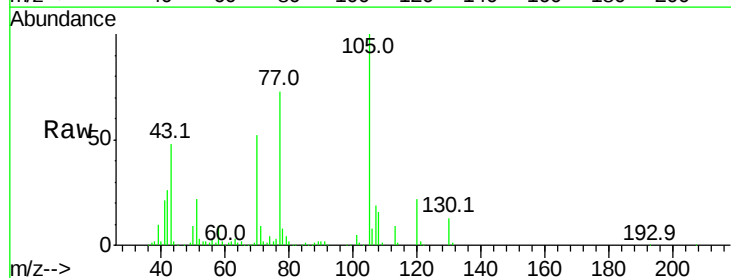
Ion Ratio Lower Upper

105 100

71 9.0 4.4 6.6#

51 22.4 22.3 33.5

120 22.0 16.9 25.3

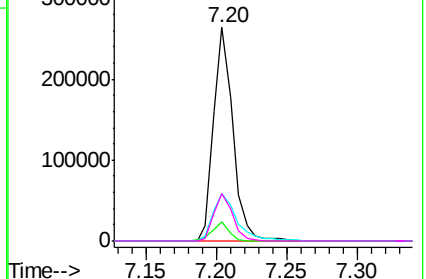
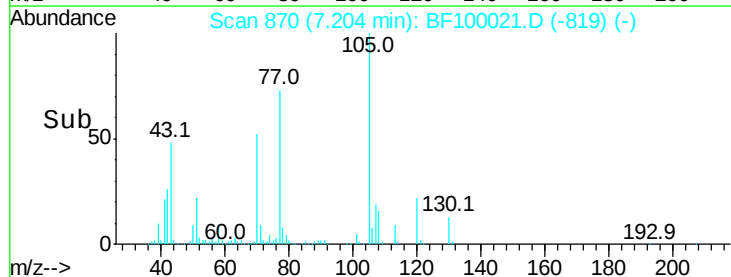


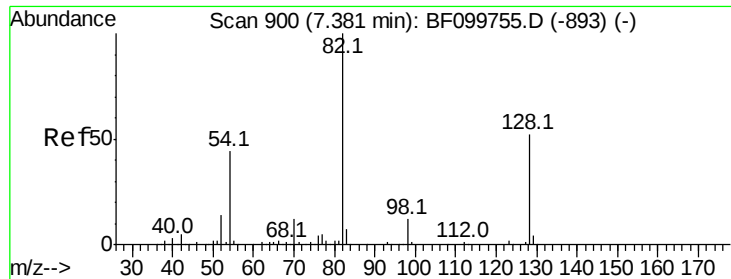
Abundance Ion 105.00 (104.70 to 105.70): E

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

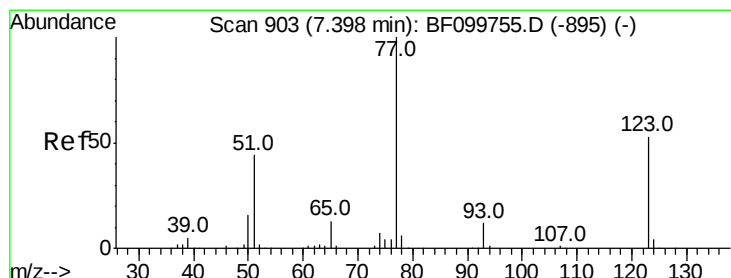
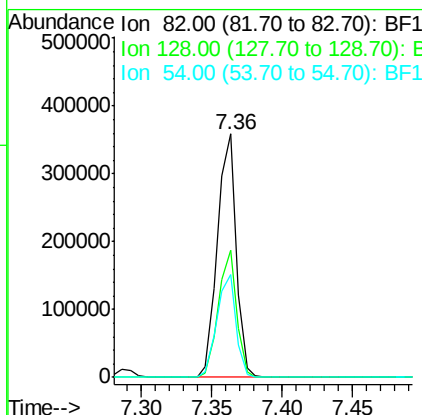
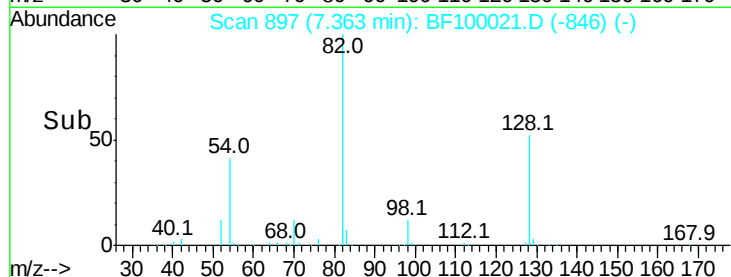
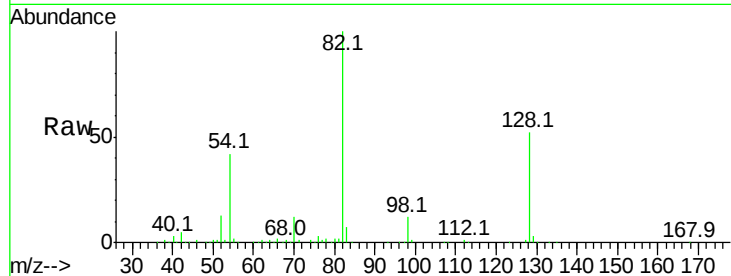




#23
 Nitrobenzene-d5
 Concen: 56.805 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

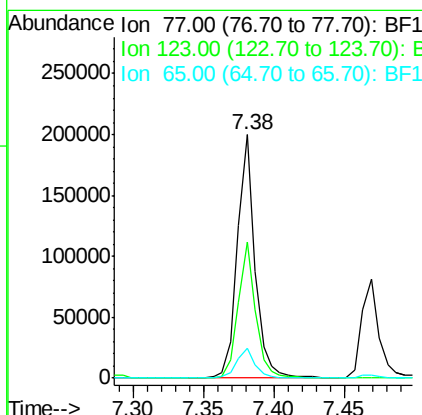
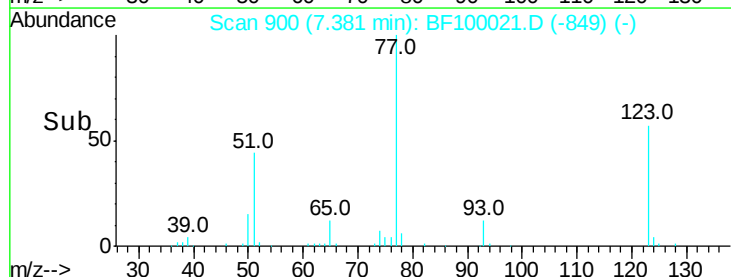
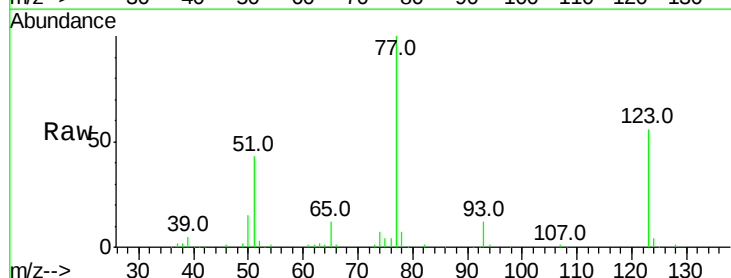
Instrument :
 BNA_F
 ClientSampled :

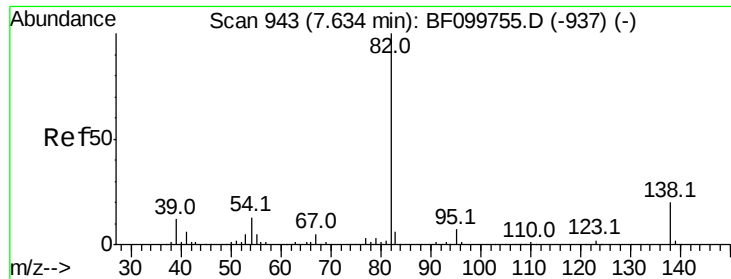
Tot Ion: 82 Resp: 333681
 Ion Ratio Lower Upper
 82 100
 128 52.4 36.1 54.1
 54 42.1 41.4 62.2



#24
 Nitrobenzene
 Concen: 29.516 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Tgt Ion: 77 Resp: 174695
 Ion Ratio Lower Upper
 77 100
 123 55.7 37.9 56.9
 65 12.0 11.0 16.4





#25

Isophorone

Concen: 31.497 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampleId :

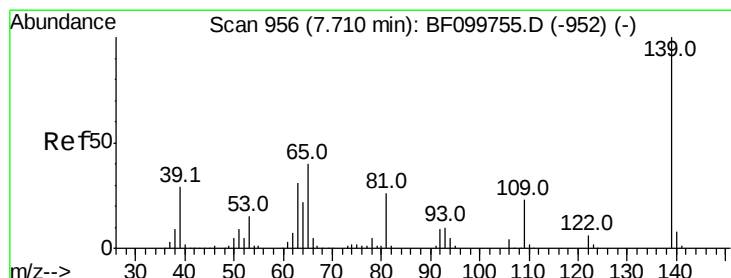
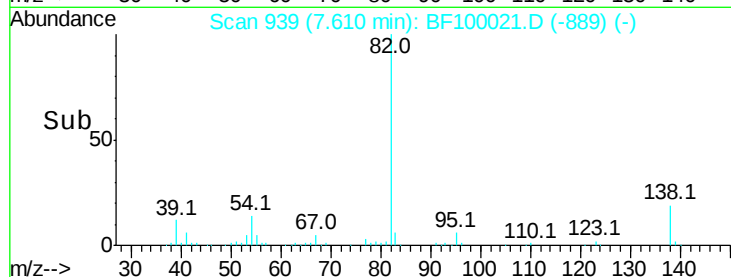
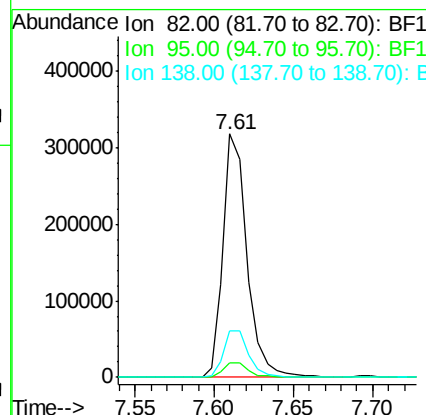
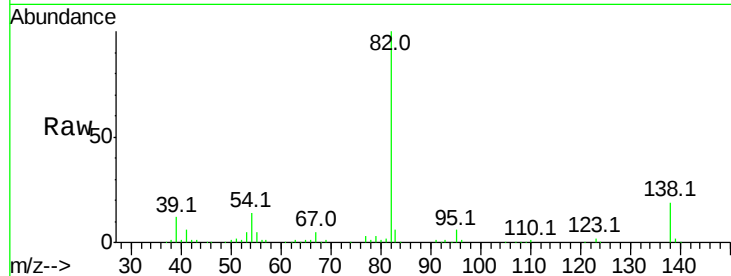
Tot Ion: 82 Resp: 335730

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 23.851 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

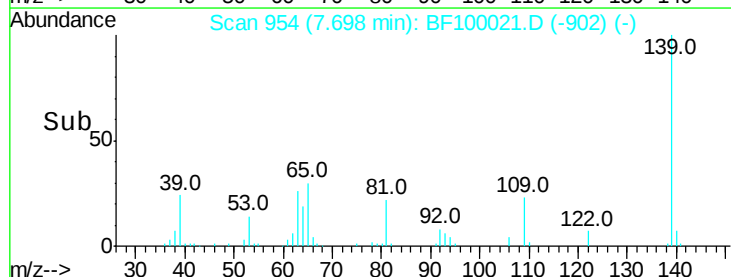
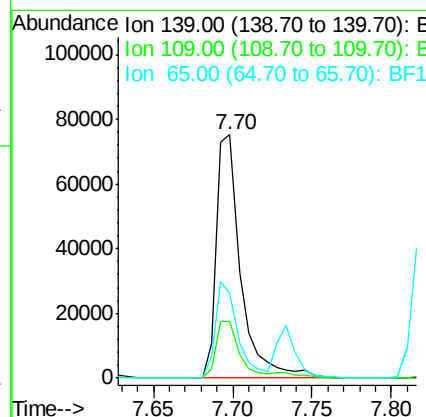
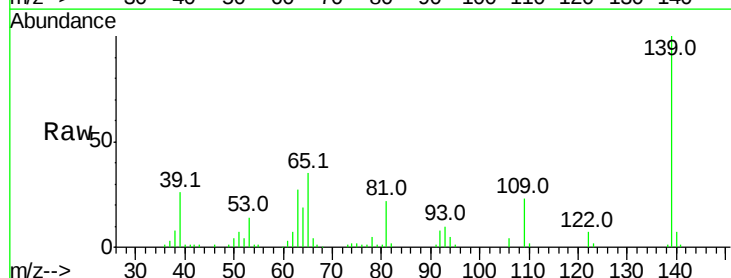
Tgt Ion: 139 Resp: 80854

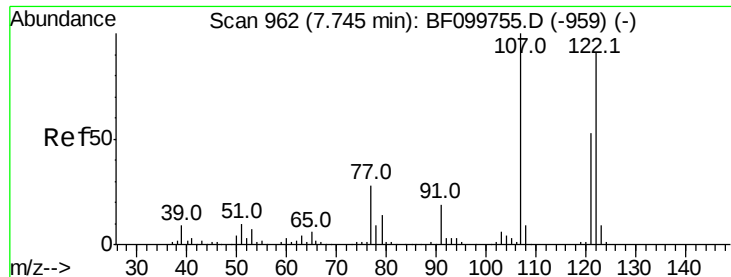
Ion Ratio Lower Upper

139 100

109 23.2 22.7 34.1

65 34.8 40.5 60.7#

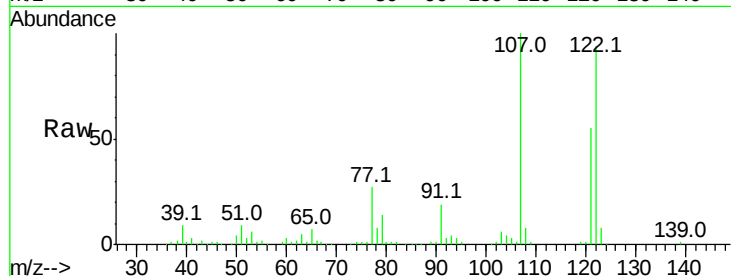




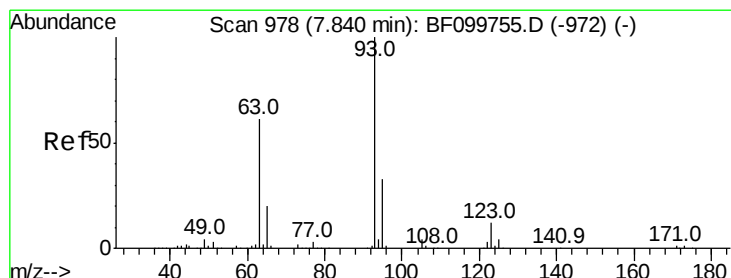
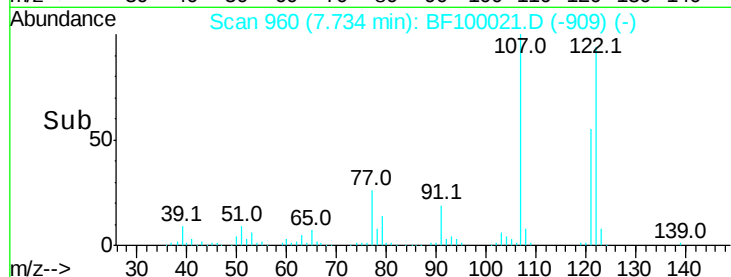
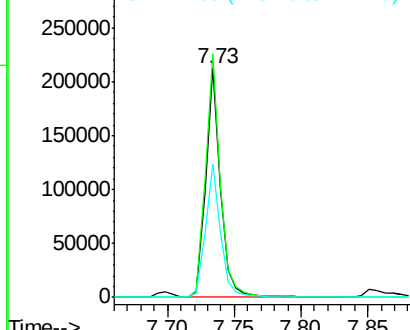
#27
 2,4-Dimethylphenol
 Concen: 32.988 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 164771
 Ion Ratio Lower Upper
 122 100
 107 106.1 91.2 136.8
 121 58.5 47.2 70.8

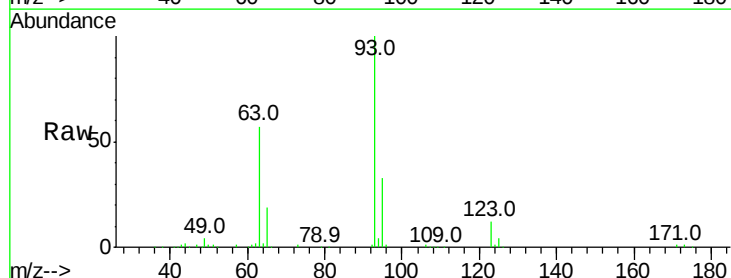


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

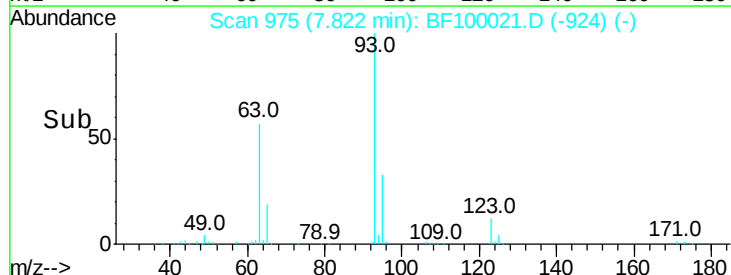
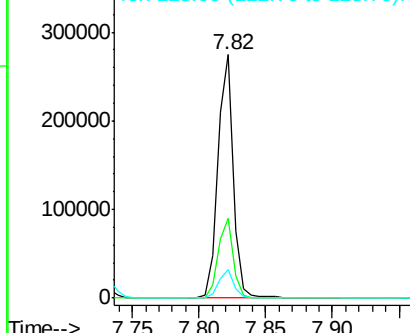


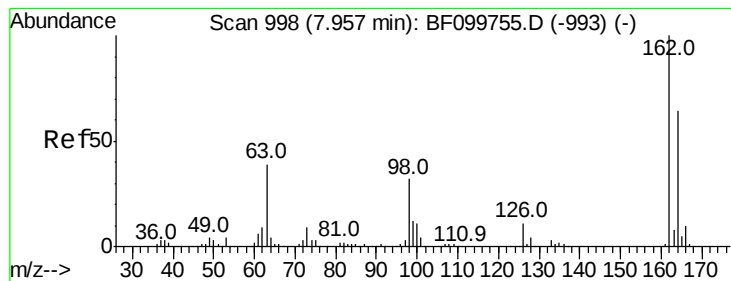
#28
 bis(2-Chloroethoxy)methane
 Concen: 29.939 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Tgt Ion: 93 Resp: 223494
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 11.8 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 31.645 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampleId :

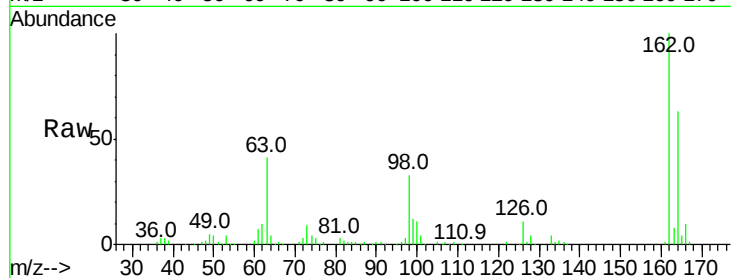
Tot Ion:162 Resp: 164199

Ion Ratio Lower Upper

162 100

164 63.4 42.7 82.7

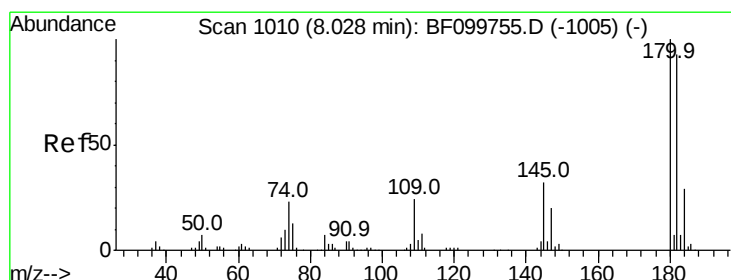
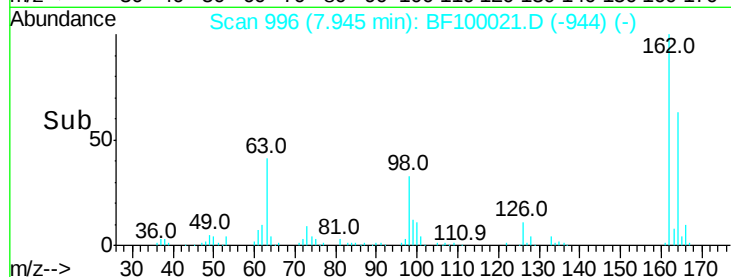
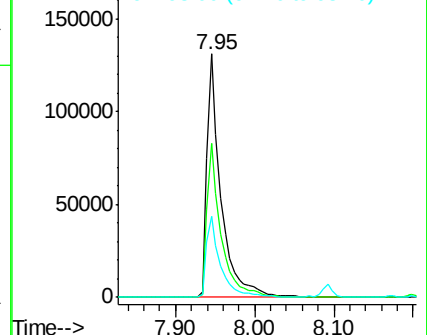
98 33.0 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 28.992 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

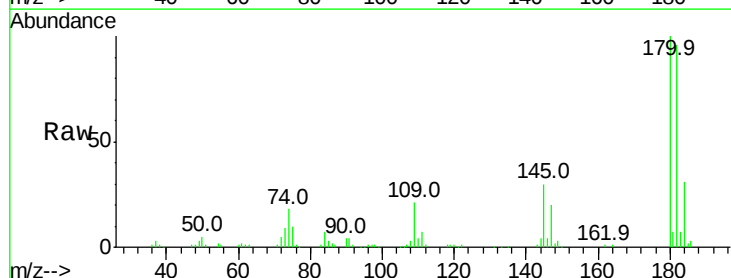
Tgt Ion:180 Resp: 160734

Ion Ratio Lower Upper

180 100

182 96.5 76.8 115.2

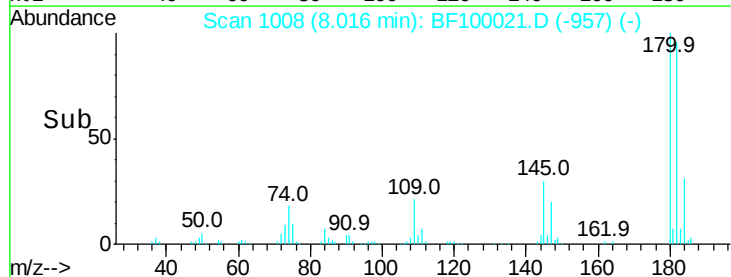
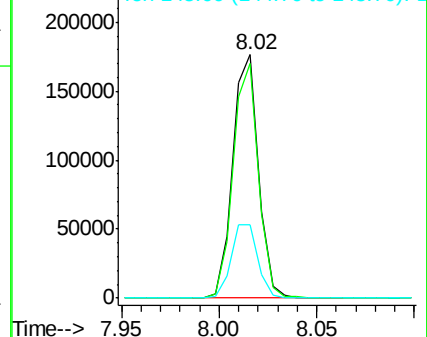
145 30.2 26.5 39.7

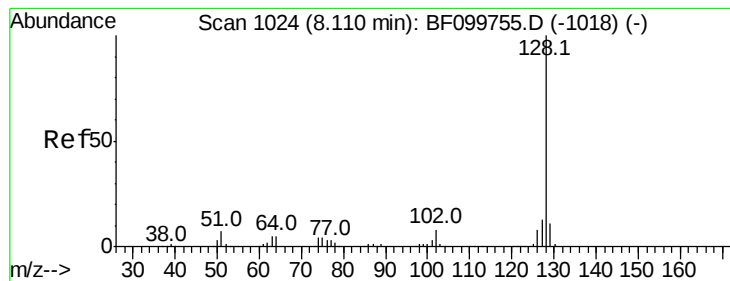


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 29.653 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampleId :

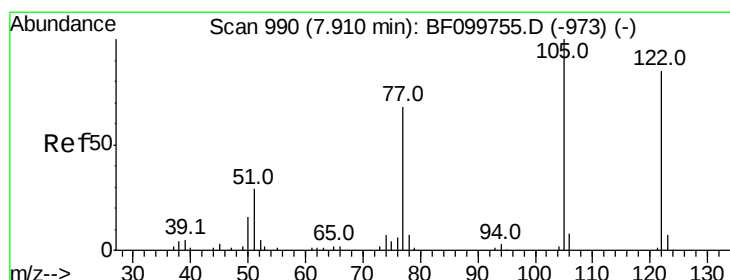
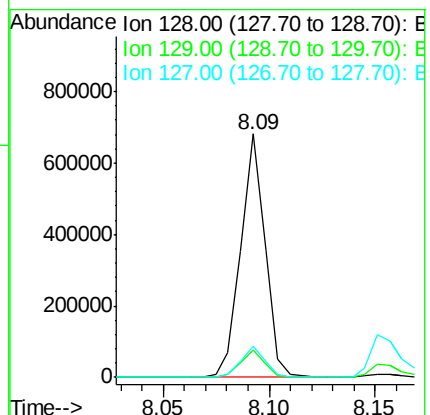
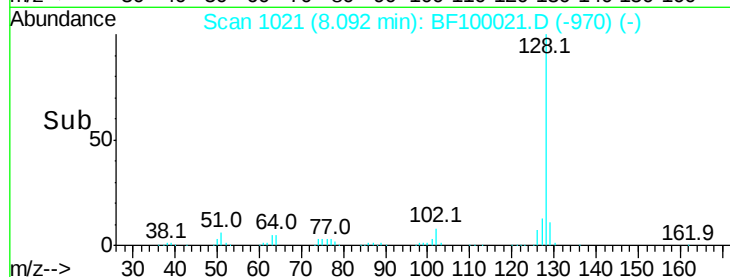
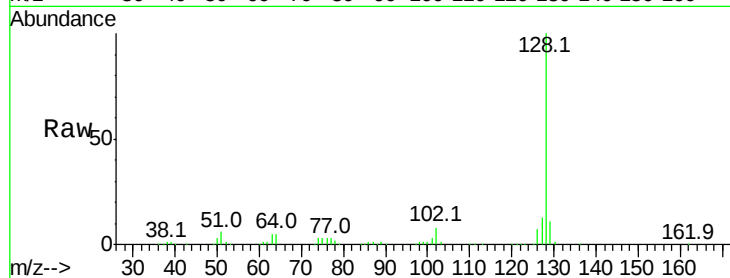
Tot Ion:128 Resp: 541314

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 12.9 10.9 16.3



#32

Benzoic acid

Concen: 2.823 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.05 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

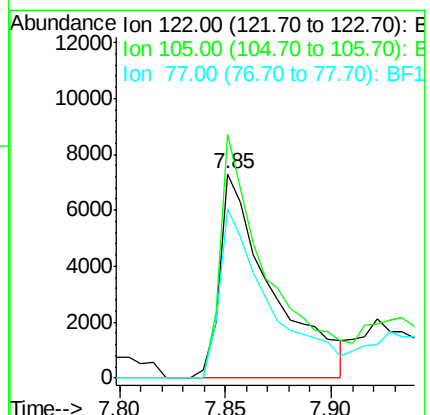
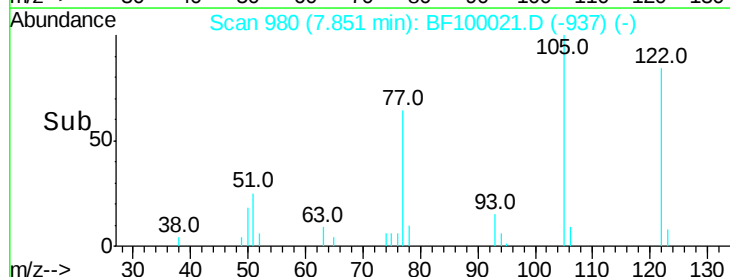
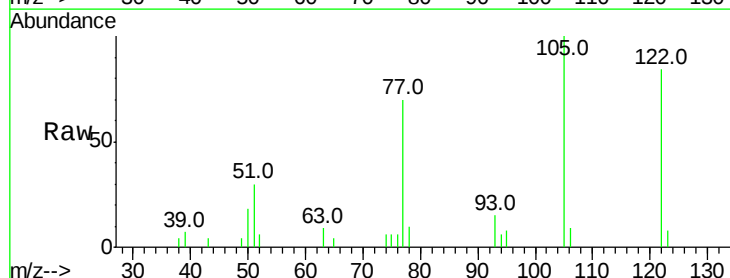
Tgt Ion:122 Resp: 12413

Ion Ratio Lower Upper

122 100

105 119.2 101.1 141.1

77 83.2 70.7 110.7

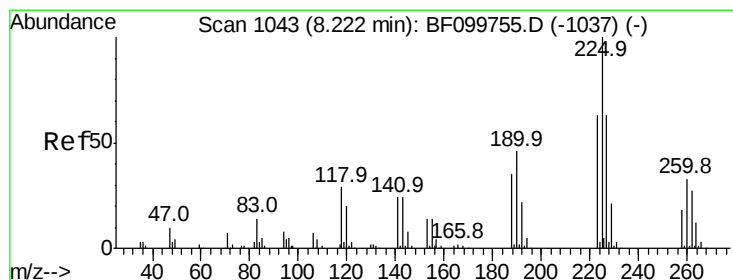
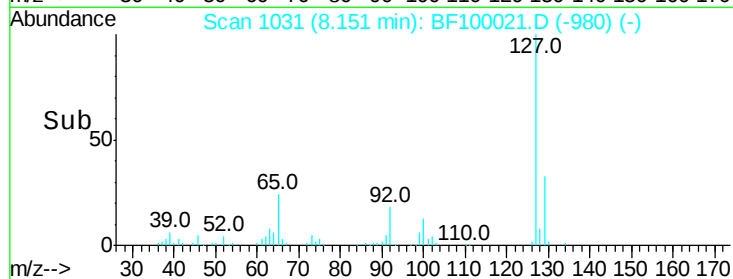
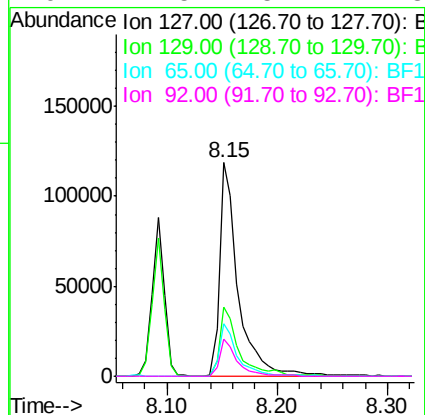
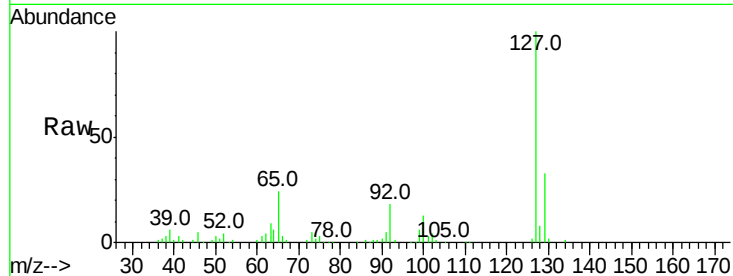




#33
4-Chloroaniline
Concen: 18.442 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

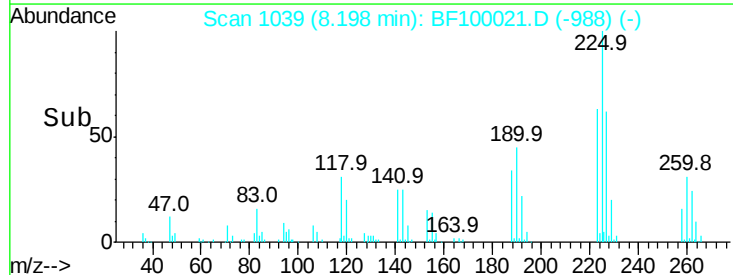
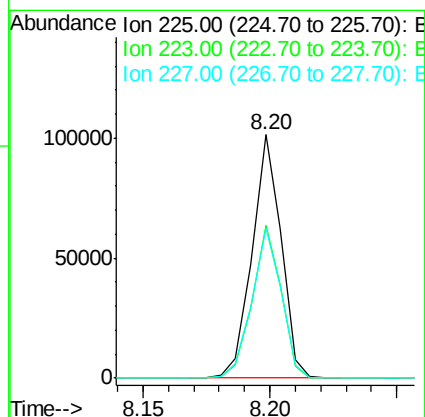
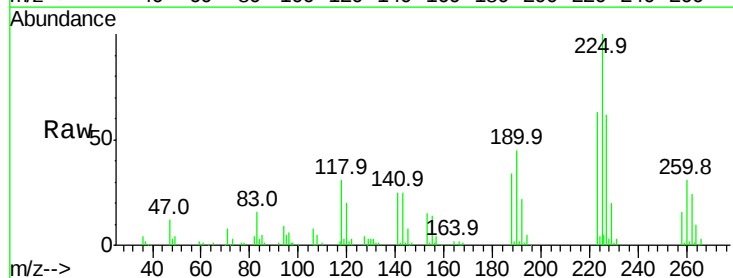
Instrument :
BNA_F
ClientSampleId :

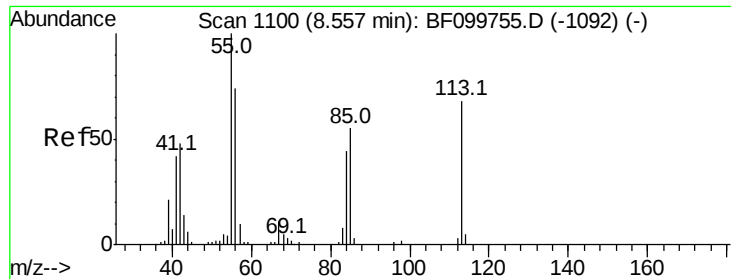
Tot Ion:	127	Resp:	139019
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	24.4	25.0	37.4
92	17.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 28.293 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

Tgt Ion:	225	Resp:	80681
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	61.9	51.9	77.9

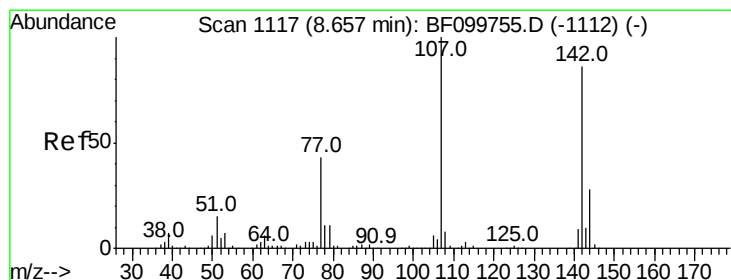
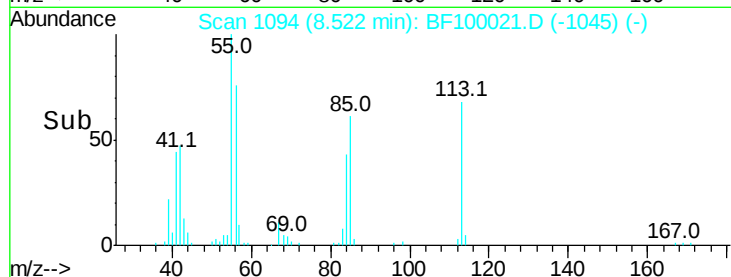
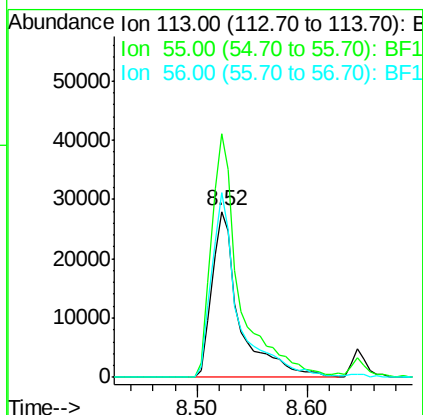
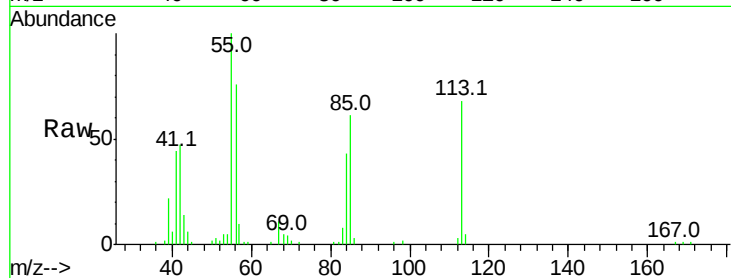




#35
Caprolactam
Concen: 29.490 ng
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

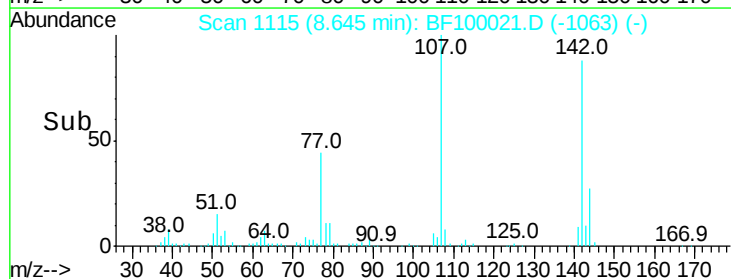
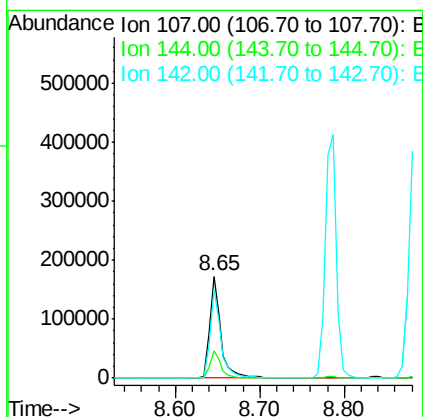
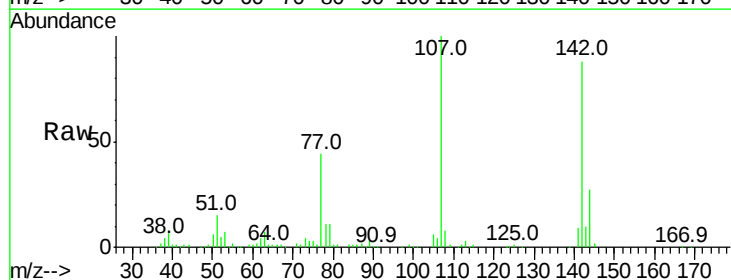
Instrument :
BNA_F
ClientSampleId :

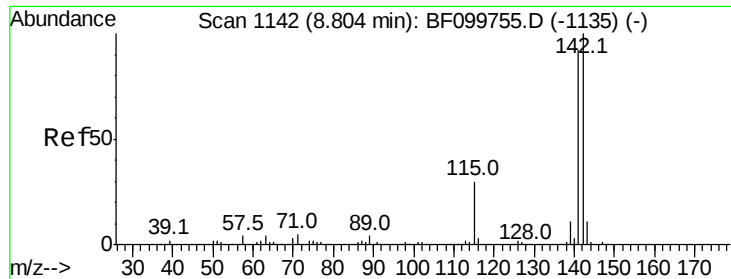
Tot Ion:113 Resp: 48120
Ion Ratio Lower Upper
113 100
55 147.1 163.3 203.3#
56 111.2 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 29.933 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

Tgt Ion:107 Resp: 158527
Ion Ratio Lower Upper
107 100
144 26.9 20.5 30.7
142 87.7 62.0 93.0

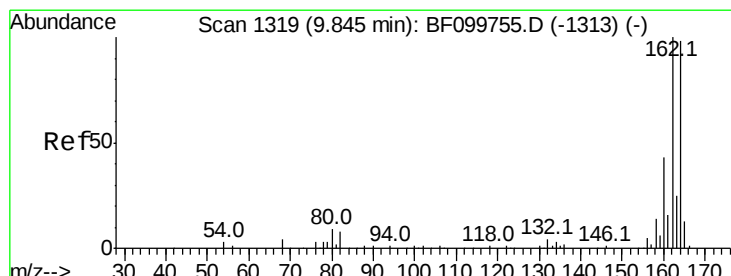
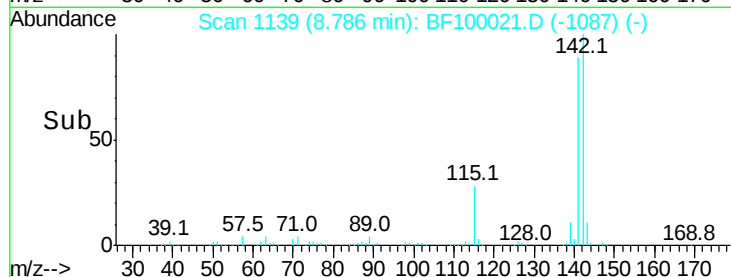
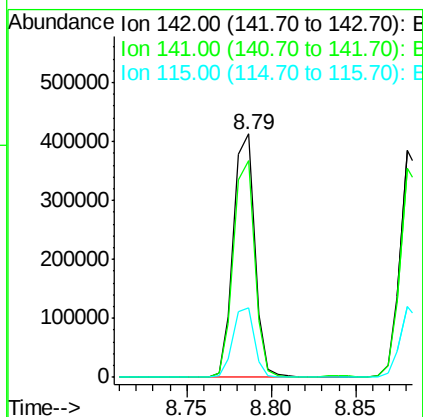
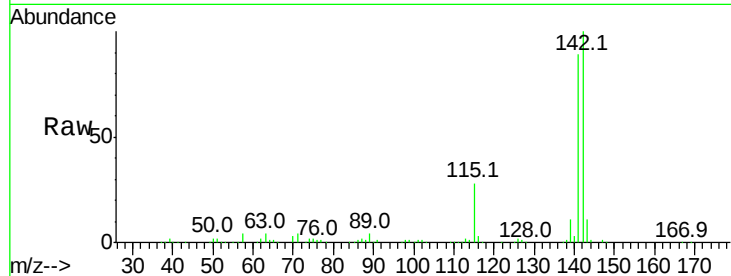




#37
 2-Methylnaphthalene
 Concen: 29.724 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

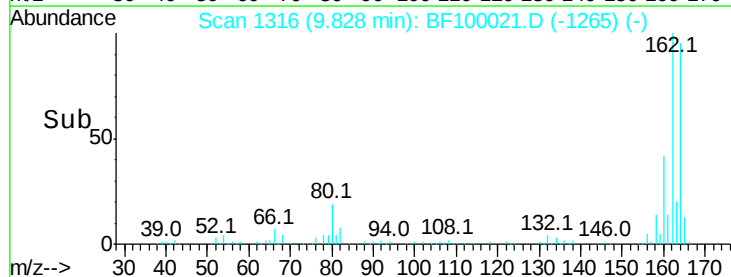
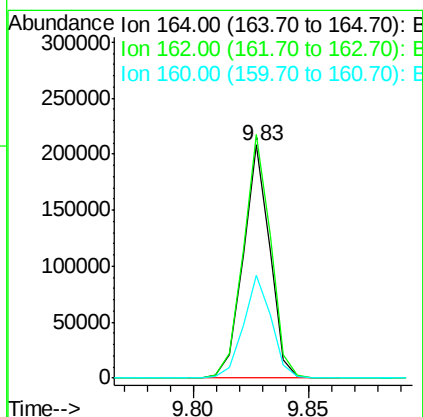
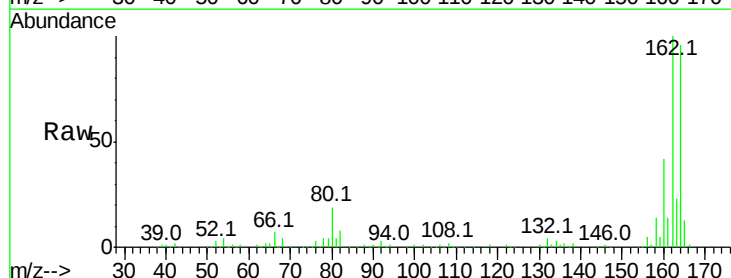
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 363625
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.8 106.2
 115 28.4 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Tgt Ion:164 Resp: 166895
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 43.9 38.3 57.5

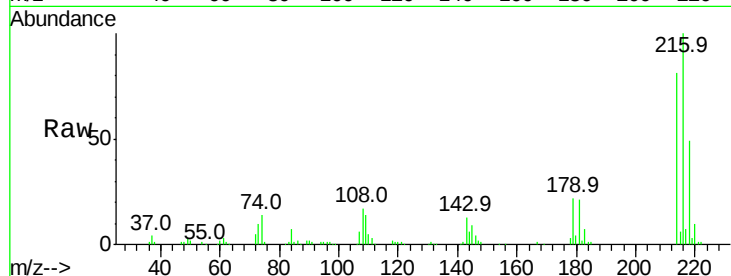




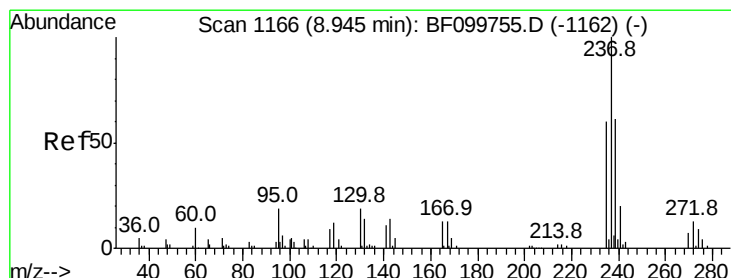
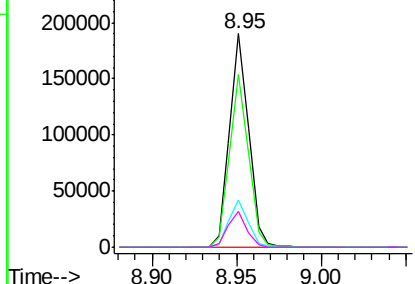
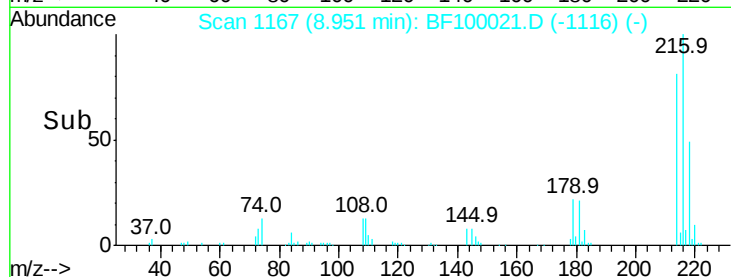
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.750 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	149583
Ion Ratio	Lower	Upper	
216	100		
214	80.2	63.0	94.4
179	21.9	18.1	27.1
108	16.5	17.2	25.8#

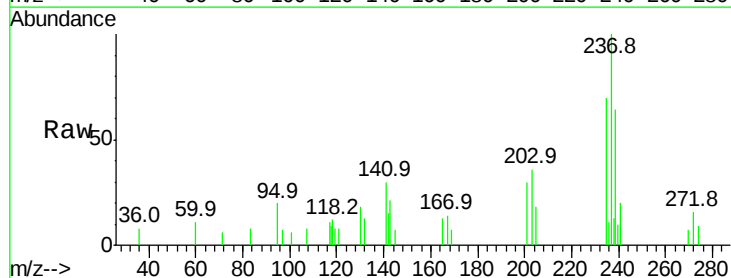


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

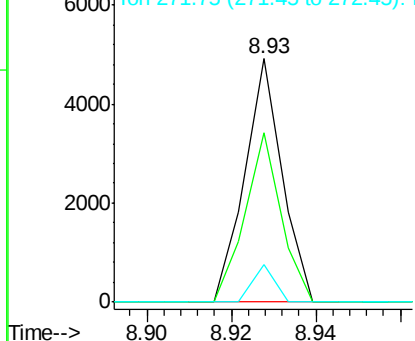
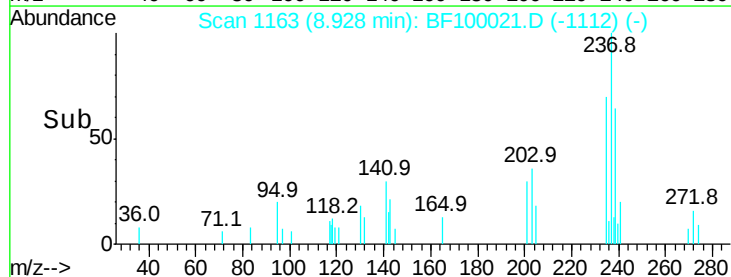


#40
 Hexachlorocyclopentadiene
 Concen: 13.339 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Tgt Ion:	237	Resp:	3021
Ion Ratio	Lower	Upper	
237	100		
235	69.7	44.8	84.8
272	15.6	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

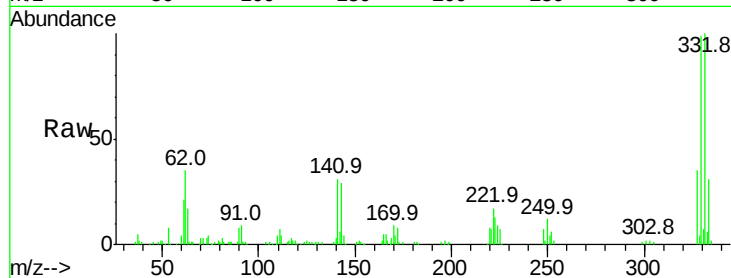




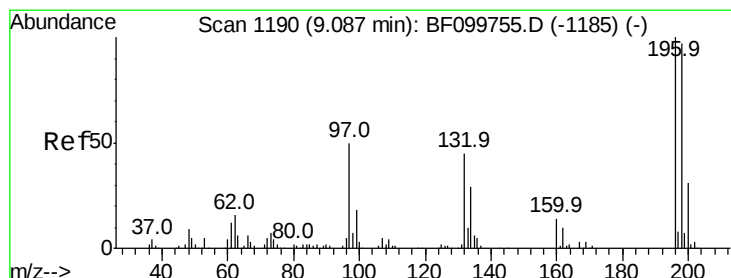
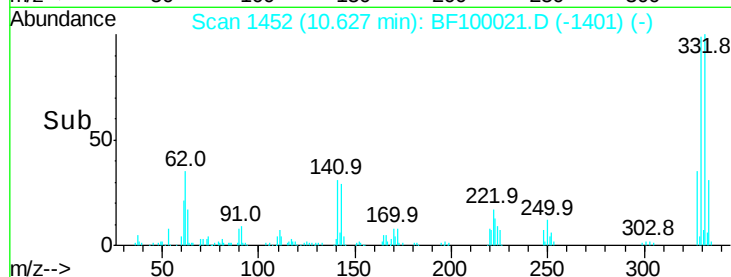
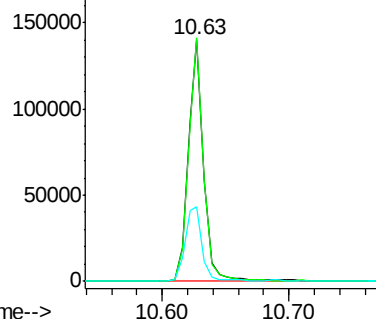
#41
 2,4,6-Tribromophenol
 Concen: 78.833 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	34.5	29.9	44.9

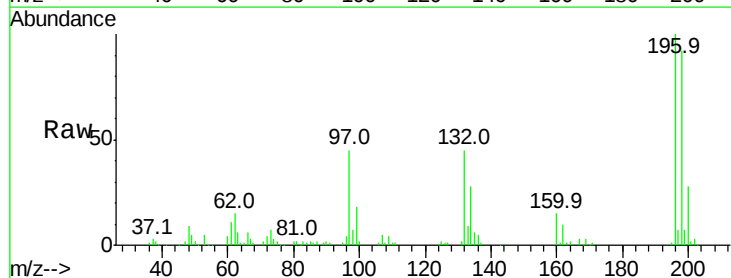


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

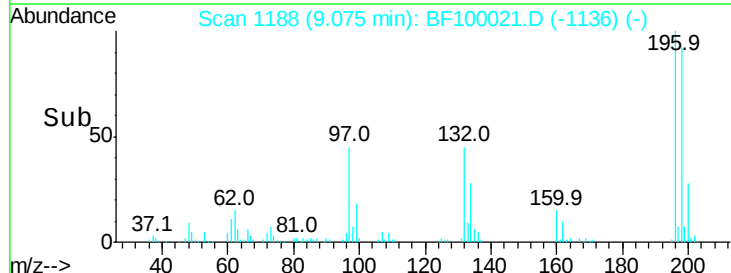
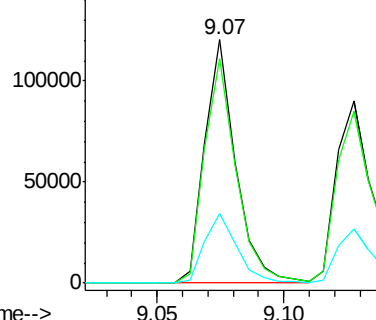


#42
 2,4,6-Trichlorophenol
 Concen: 31.350 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.4	75.7	113.5
200	28.4	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

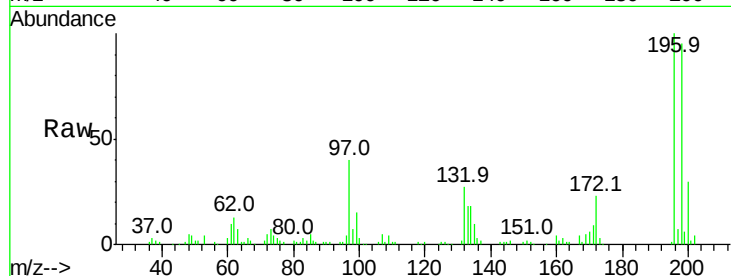




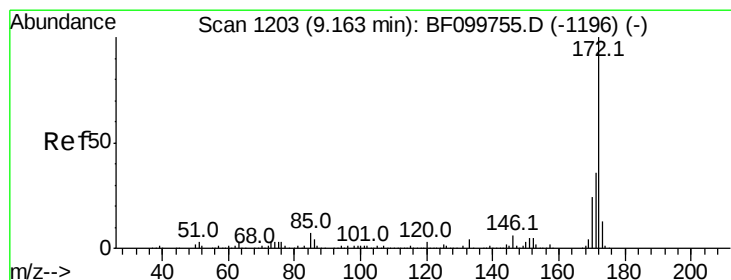
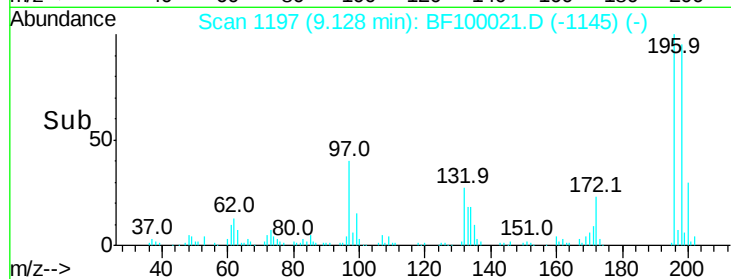
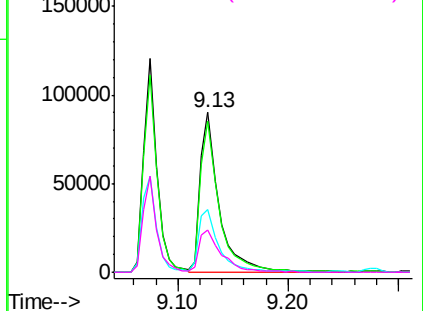
#43
 2,4,5-Trichlorophenol
 Concen: 29.857 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.6	112.0
97	39.6	42.9	64.3#
132	26.8	26.3	39.5

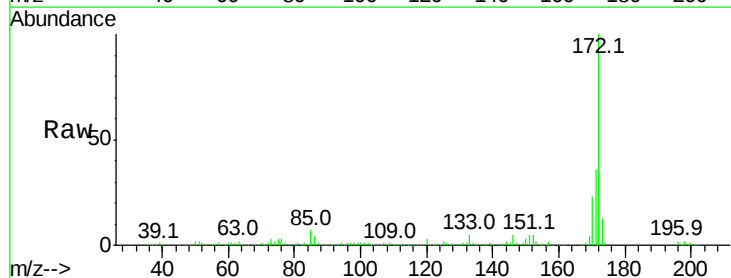


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

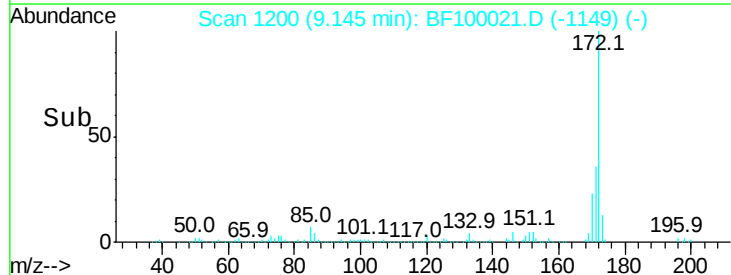
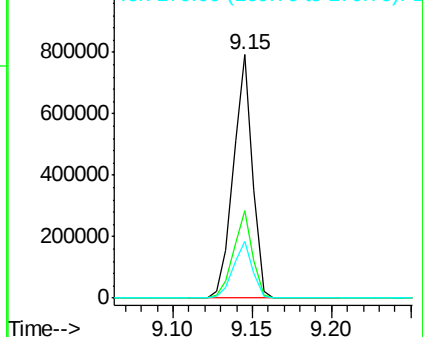


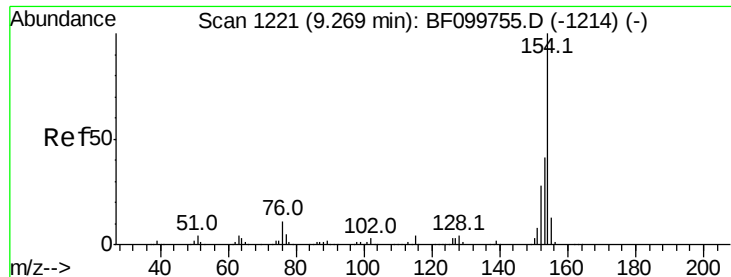
#44
 2-Fluorobiphenyl
 Concen: 60.769 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.3	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

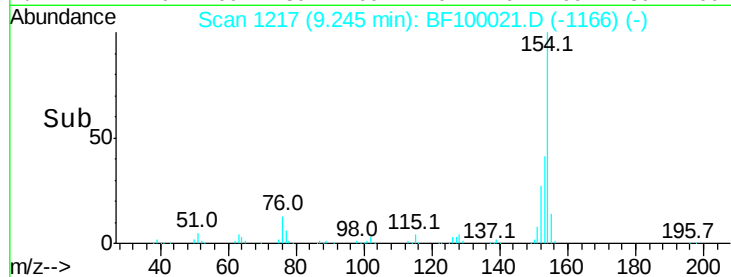
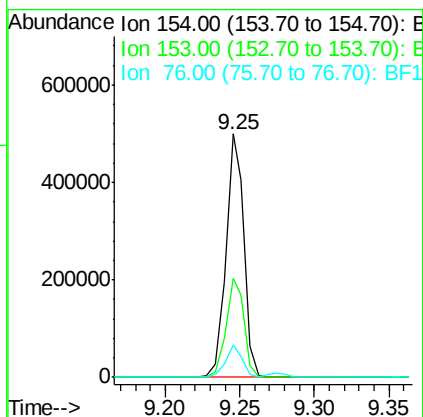
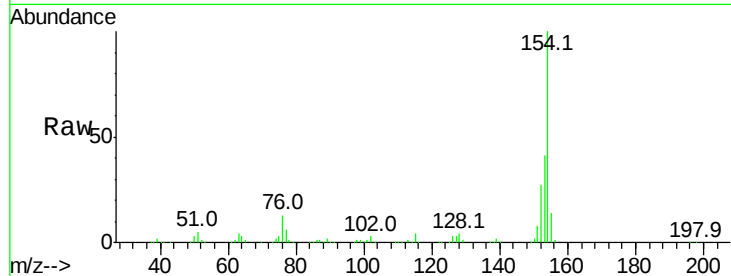




#45
 1,1'-Biphenyl
 Concen: 28.149 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

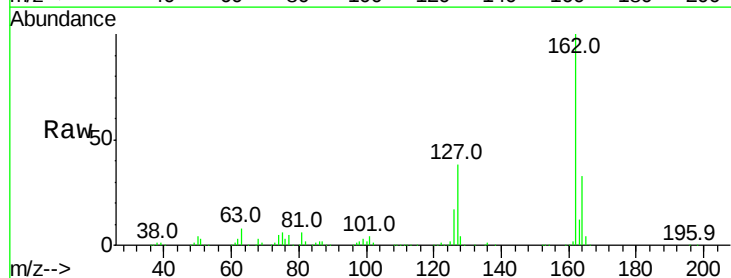
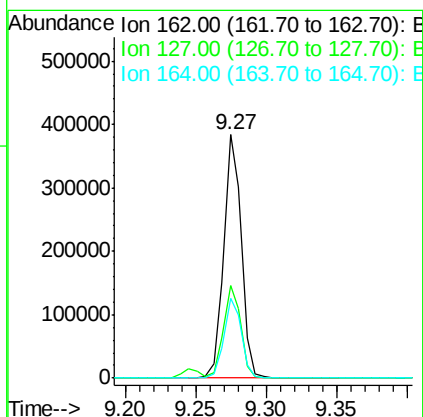
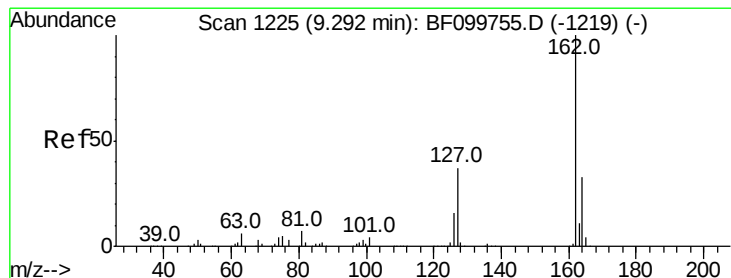
Instrument :
 BNA_F
 ClientSampleId :

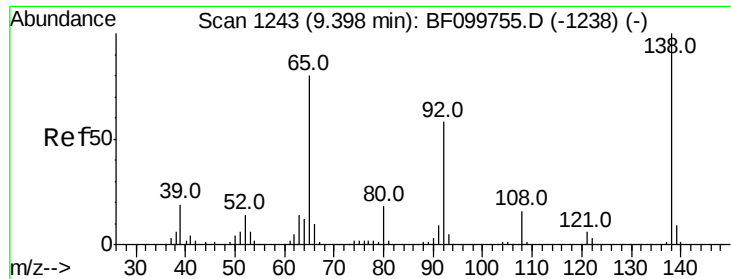
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	13.1	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 30.146 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	33.9	50.9
164	32.6	26.5	39.7

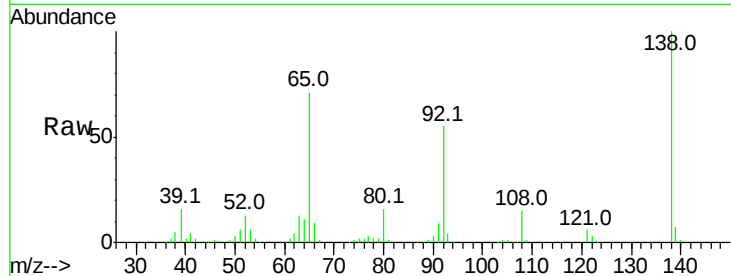




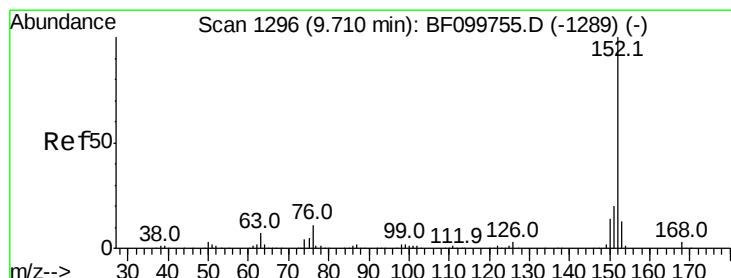
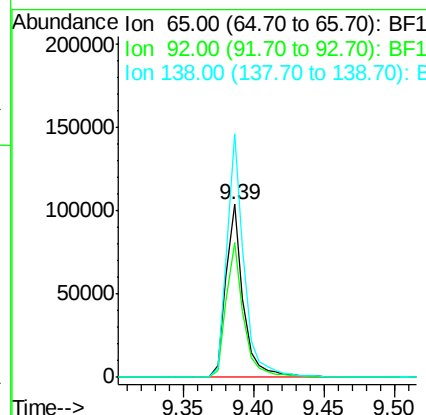
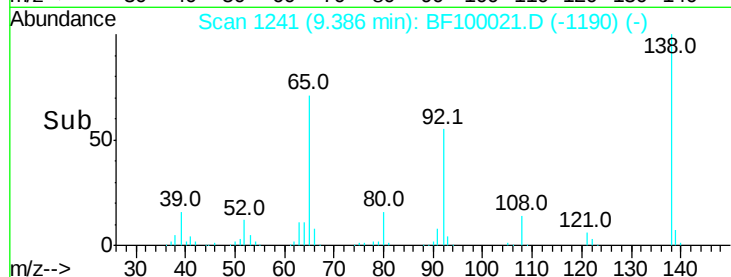
#47
2-Nitroaniline
Concen: 31.138 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 89609
Ion Ratio Lower Upper
65 100
92 78.1 55.8 83.6
138 140.8 91.2 136.8#

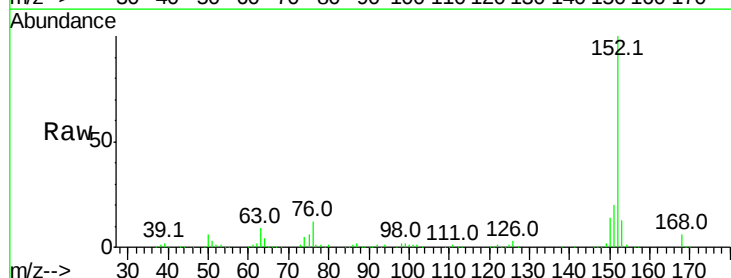


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

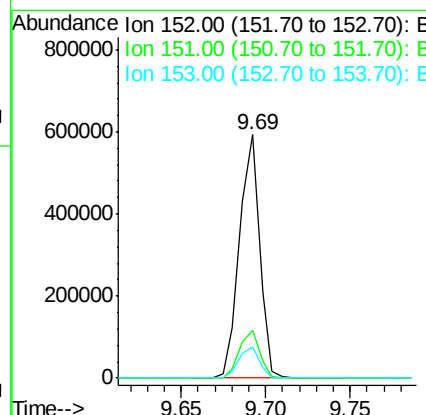
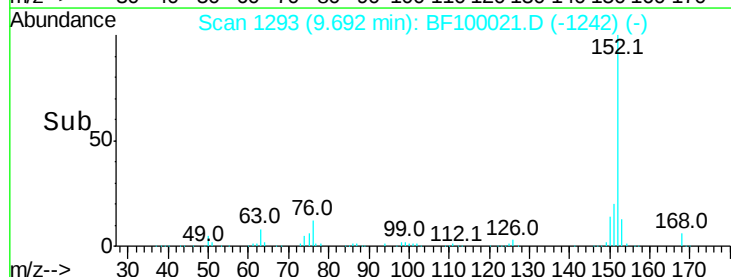


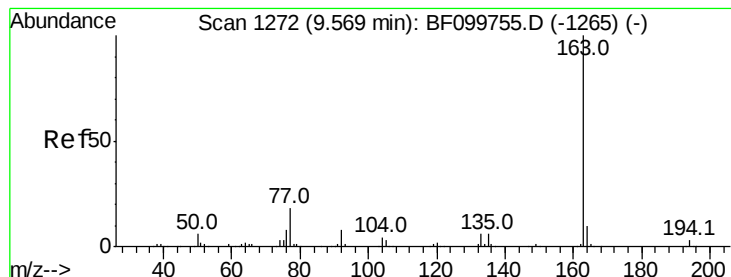
#48
Acenaphthylene
Concen: 29.157 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

Tgt Ion: 152 Resp: 492404
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 12.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 36.269 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampleId :

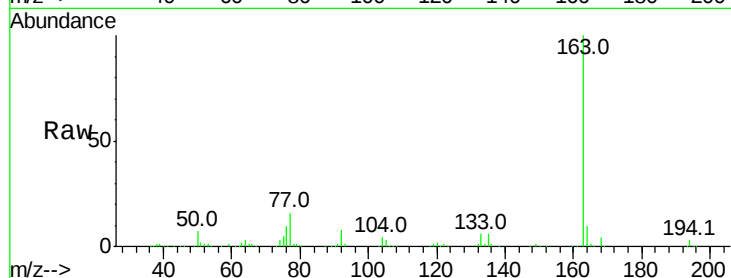
Tot Ion:163 Resp: 479355

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

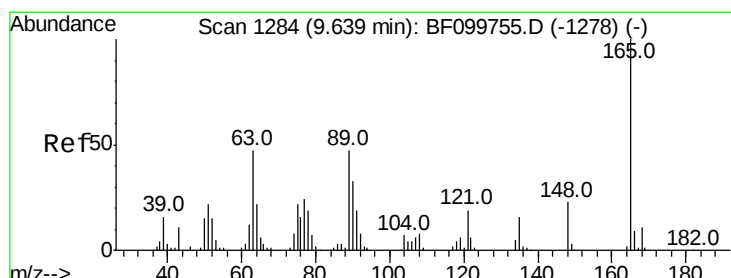
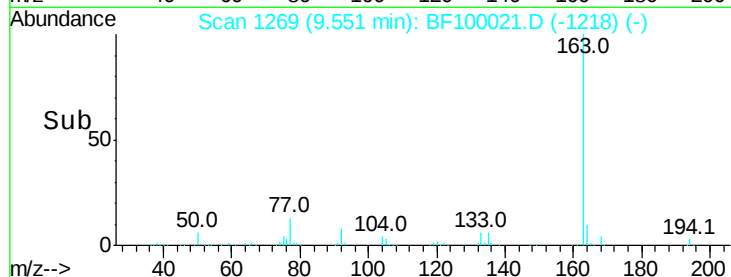
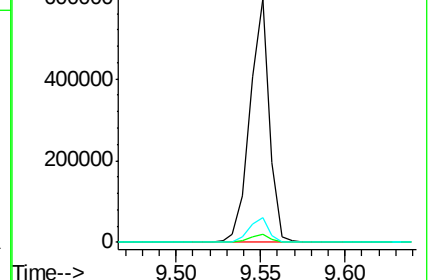
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 29.326 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

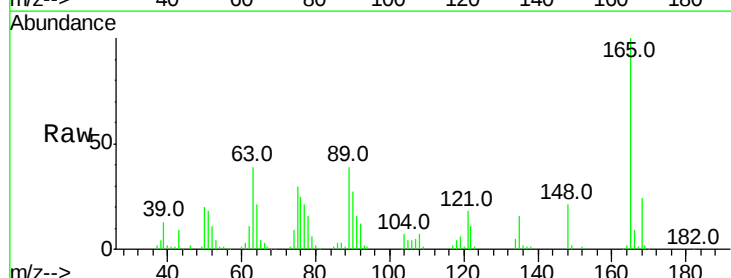
Tgt Ion:165 Resp: 81480

Ion Ratio Lower Upper

165 100

63 39.2 44.7 67.1#

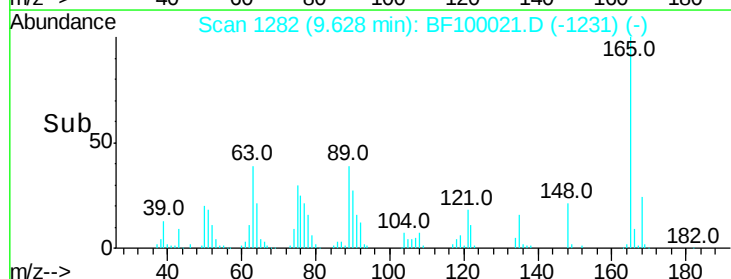
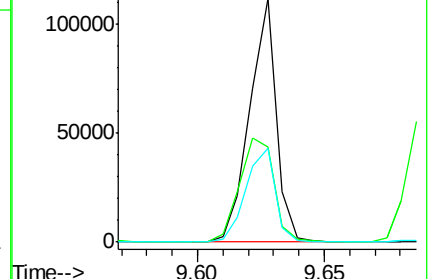
89 38.7 44.0 66.0#

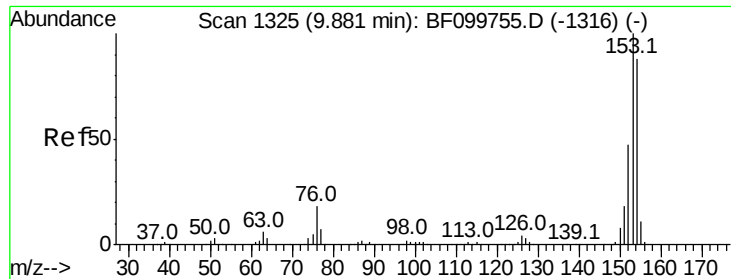


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 28.908 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampled :

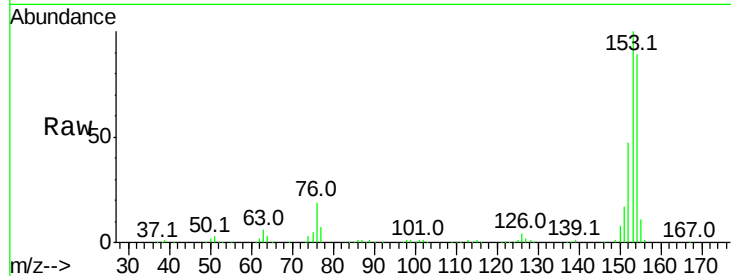
Tot Ion:154 Resp: 298295

Ion Ratio Lower Upper

154 100

153 112.3 91.2 136.8

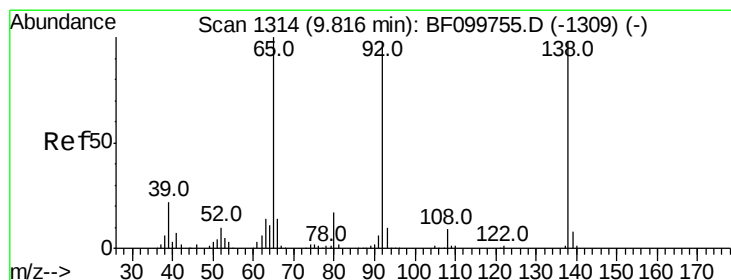
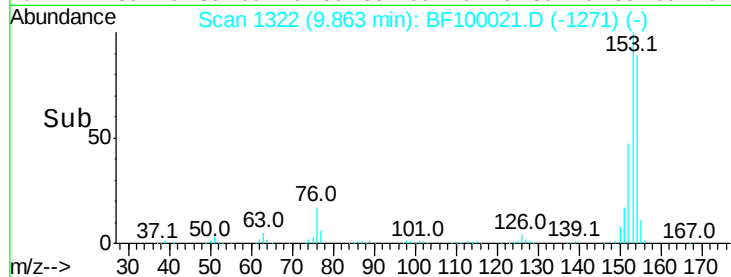
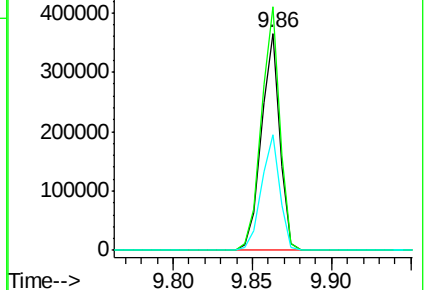
152 53.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.815 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

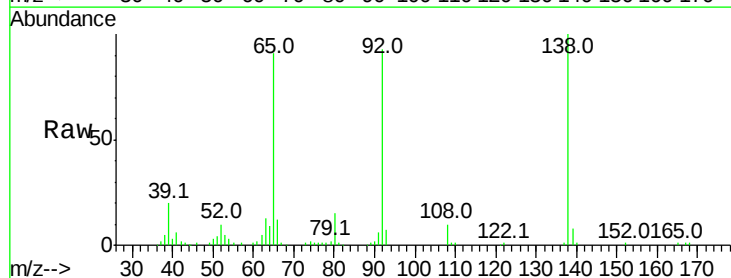
Tgt Ion:138 Resp: 87787

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

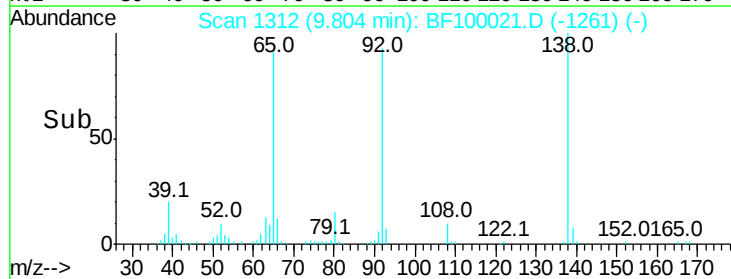
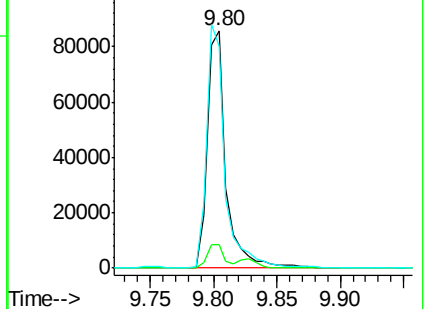
92 93.4 89.4 134.2

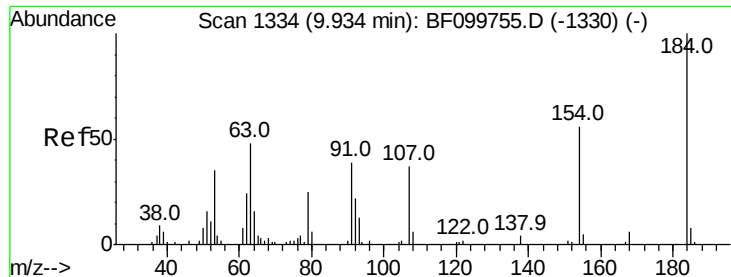


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

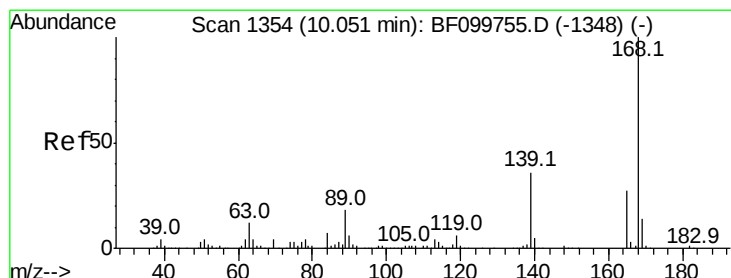
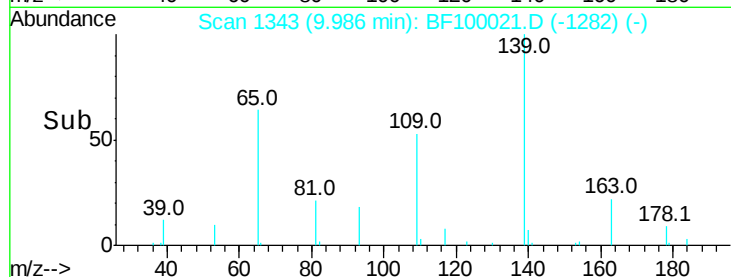
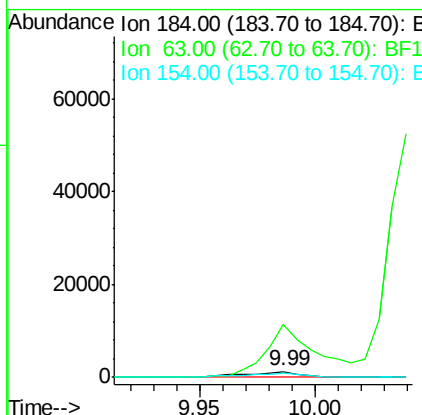
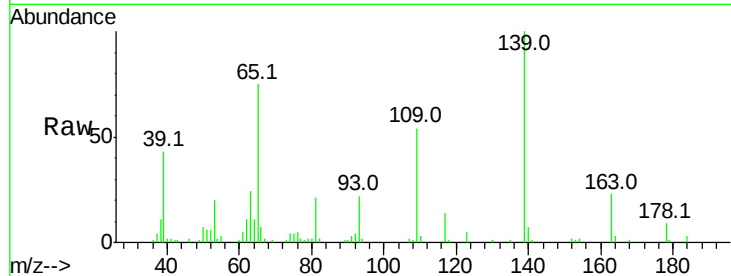




#53
 2,4-Dinitrophenol
 Concen: 7.419 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.06 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

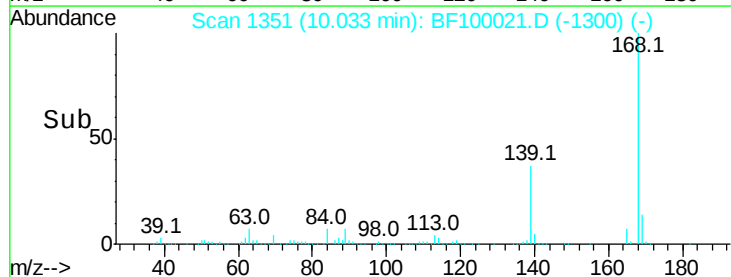
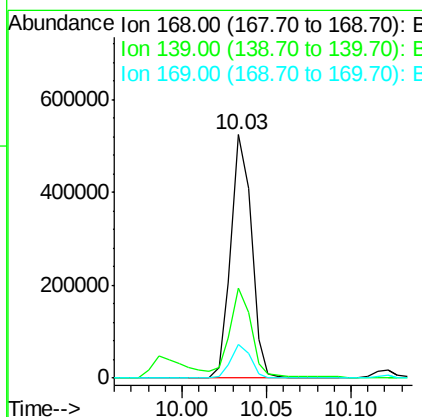
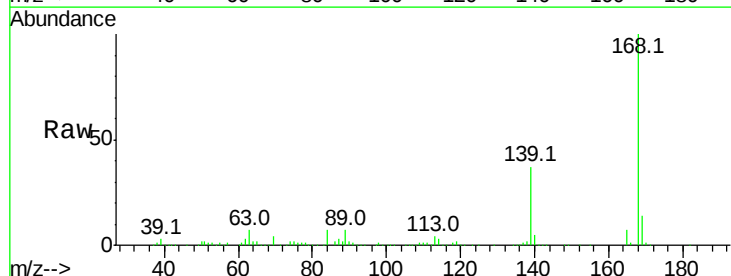
Instrument :
 BNA_F
 ClientSampleId :

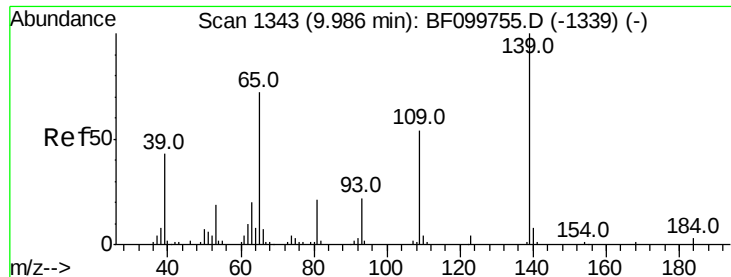
Tot Ion:184 Resp: 1960
 Ion Ratio Lower Upper
 184 100
 63 862.6 54.2 81.2#
 154 65.8 53.5 80.3



#54
 Dibenzofuran
 Concen: 30.615 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Tgt Ion:168 Resp: 445939
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.1 45.1
 169 13.6 10.9 16.3





#55

4-Nitrophenol

Concen: 39.549 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :
BNA_F
ClientSampled :

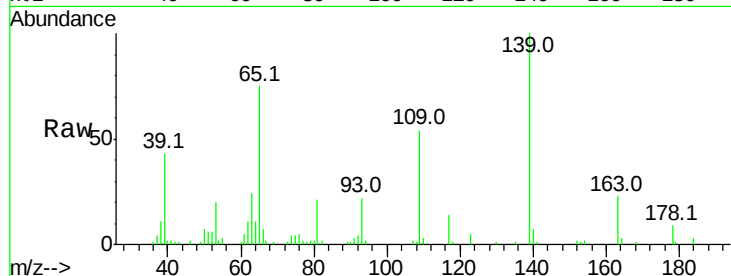
Tot Ion:139 Resp: 67651

Ion Ratio Lower Upper

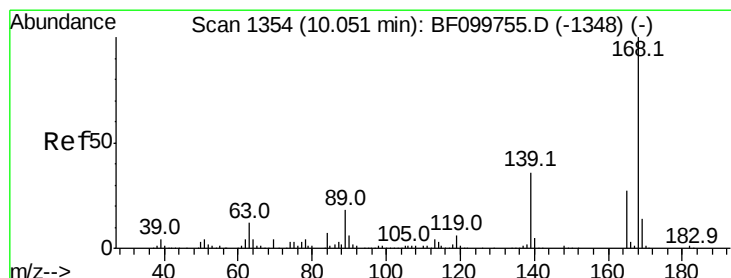
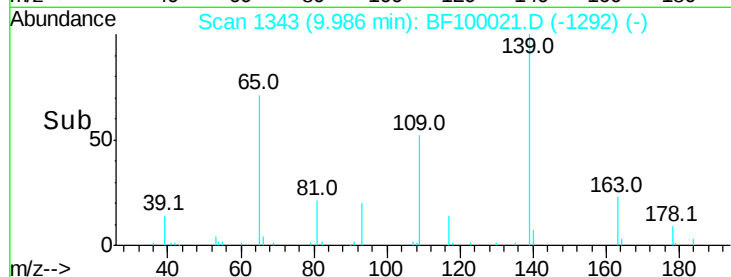
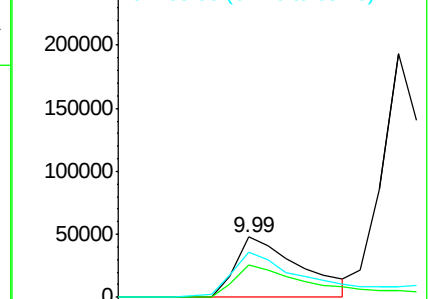
139 100

109 54.1 48.4 88.4

65 74.7 72.6 112.6



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



#56

2,4-Dinitrotoluene

Concen: 30.496 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Tgt Ion:165 Resp: 102041

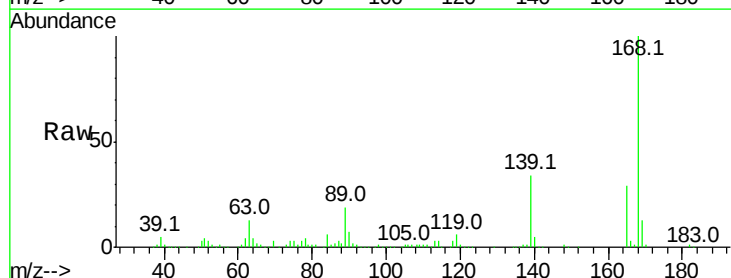
Ion Ratio Lower Upper

165 100

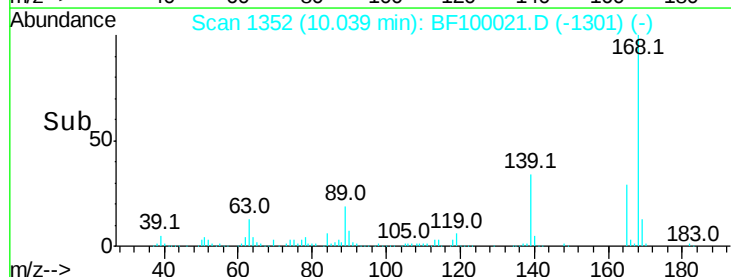
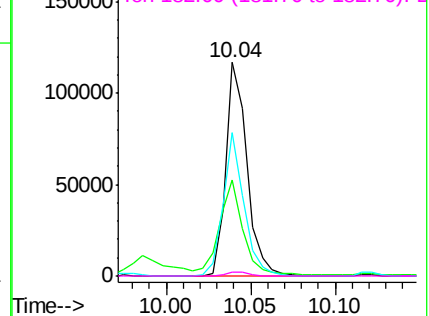
63 44.9 36.4 54.6

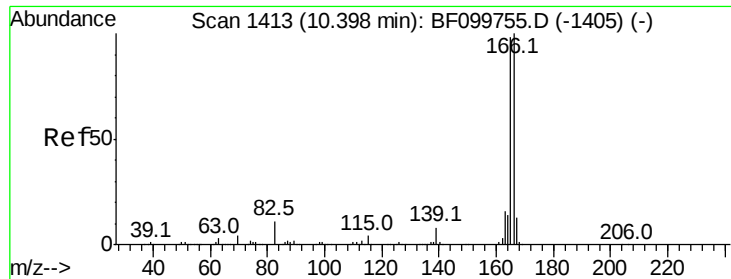
89 67.1 57.8 86.6

182 2.1 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 29.596 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampleId :

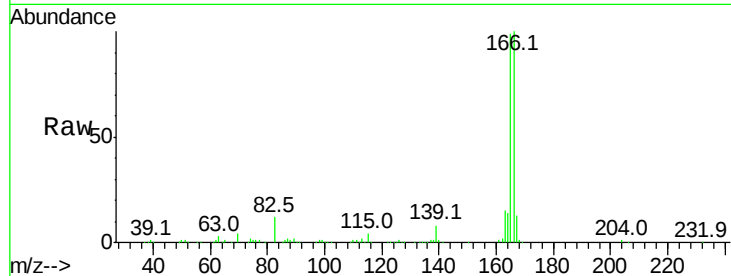
Tot Ion:166 Resp: 356928

Ion Ratio Lower Upper

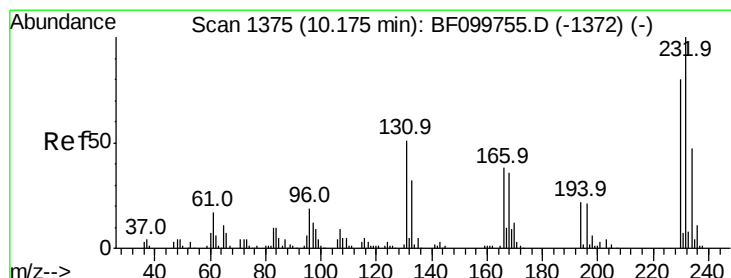
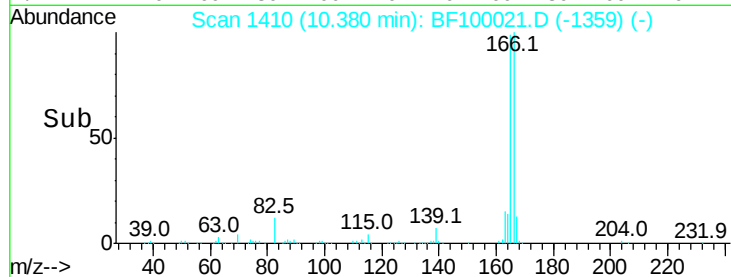
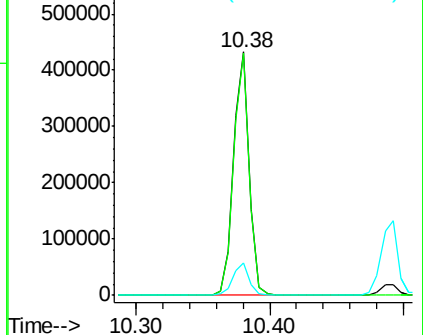
166 100

165 99.4 79.8 119.8

167 13.5 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.075 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Tgt Ion:232 Resp: 75385

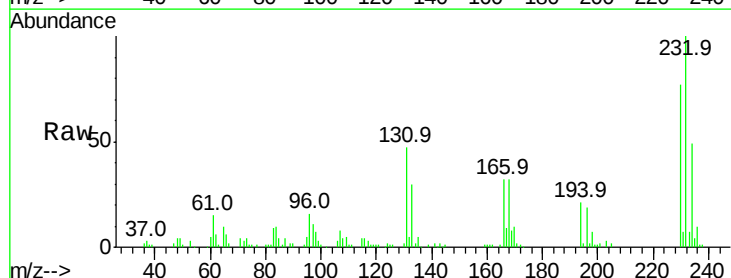
Ion Ratio Lower Upper

232 100

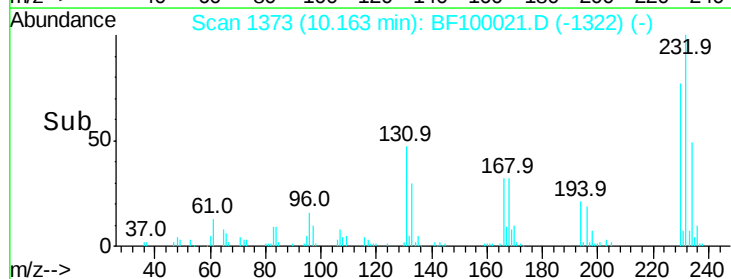
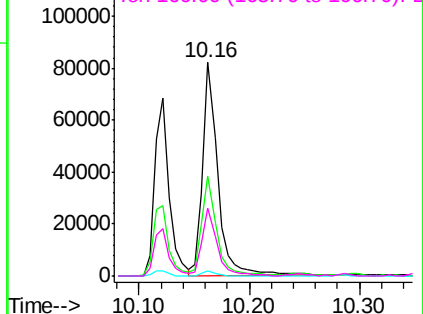
131 44.8 43.8 65.8

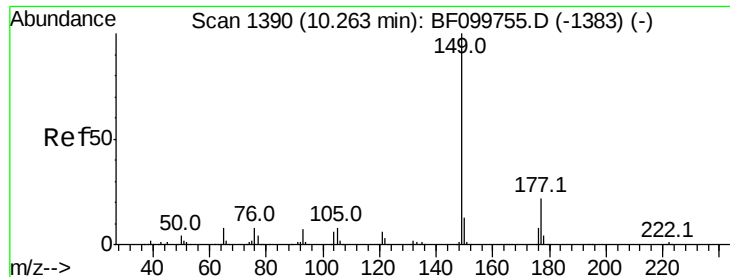
130 1.9 2.1 3.1#

166 32.0 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: 28.976 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampled :

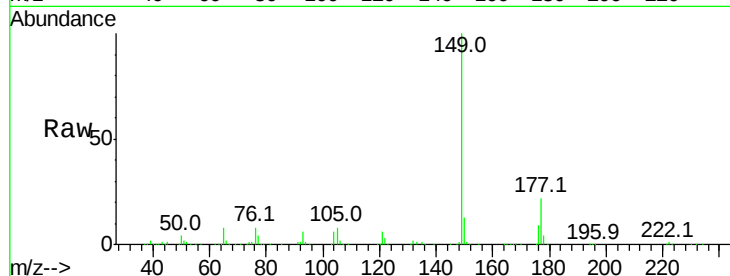
Tot Ion:149 Resp: 373983

Ion Ratio Lower Upper

149 100

177 21.5 16.1 24.1

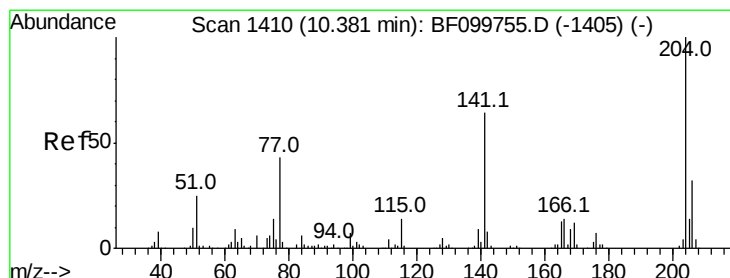
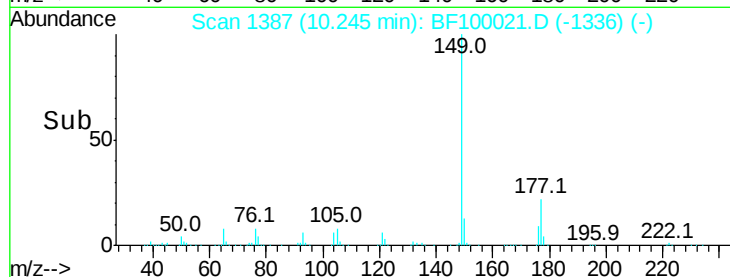
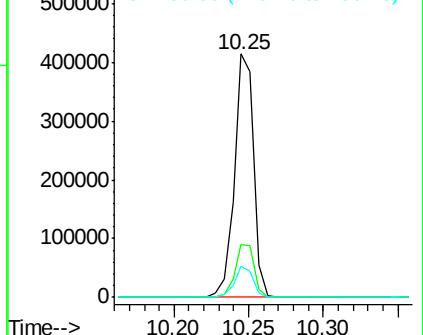
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 29.214 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

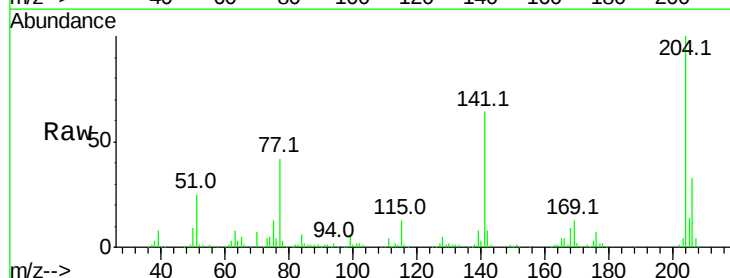
Tgt Ion:204 Resp: 165812

Ion Ratio Lower Upper

204 100

206 33.0 26.5 39.7

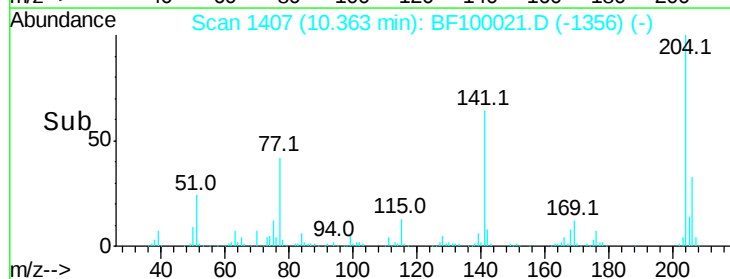
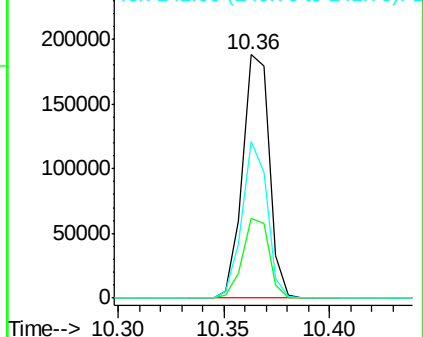
141 64.3 54.6 81.8

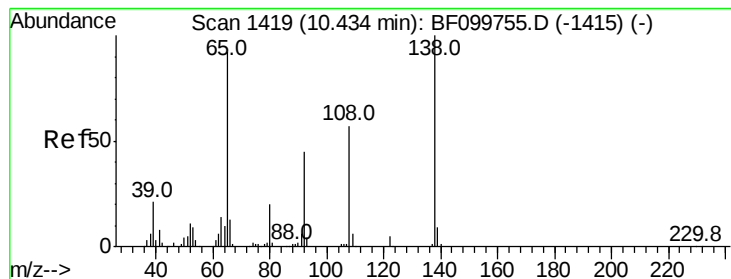


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 29.940 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampleId :

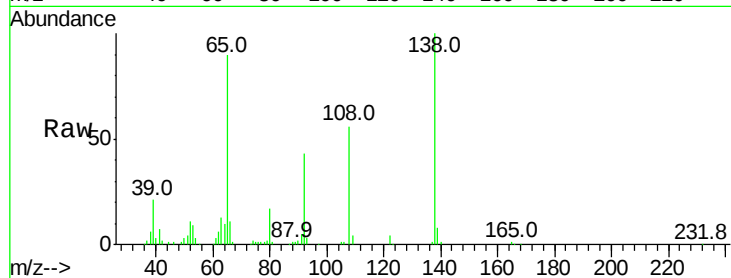
Tot Ion:138 Resp: 93518

Ion Ratio Lower Upper

138 100

92 42.9 30.2 70.2

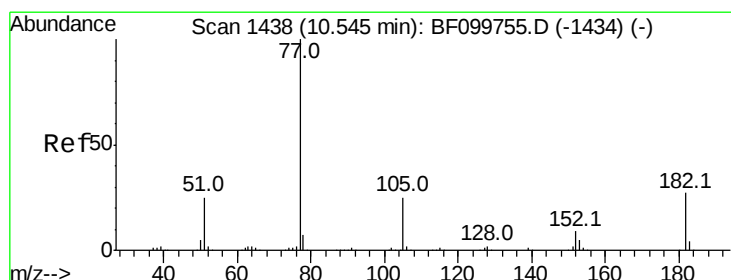
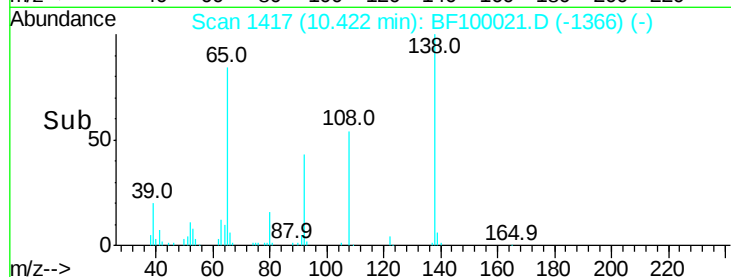
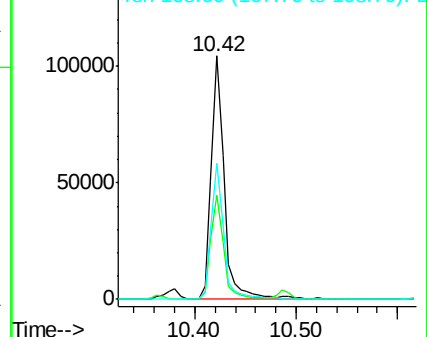
108 56.1 52.5 92.5



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: 30.230 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Tgt Ion: 77 Resp: 327066

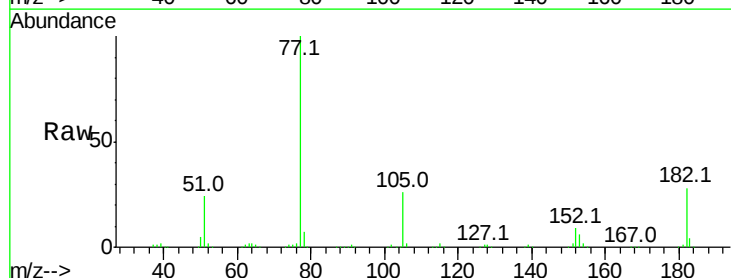
Ion Ratio Lower Upper

77 100

182 28.0 1.7 41.7

105 26.3 3.0 43.0

51 23.8 9.9 49.9

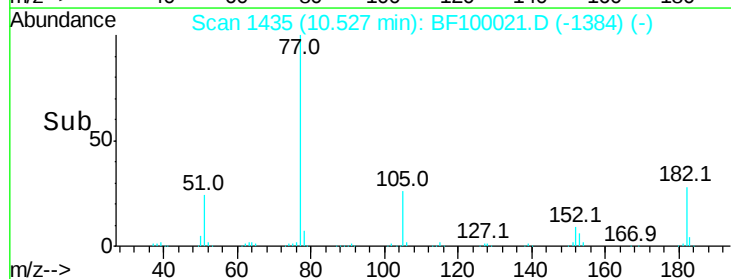
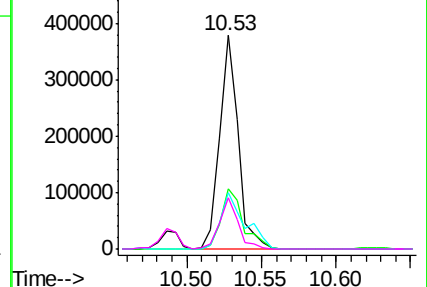


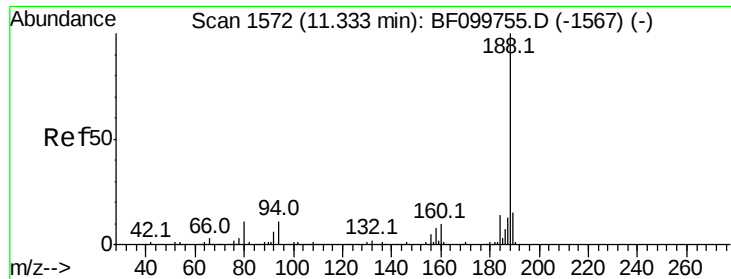
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampleId :

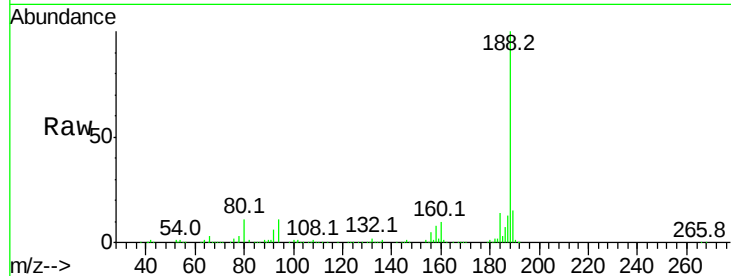
Tot Ion:188 Resp: 287451

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

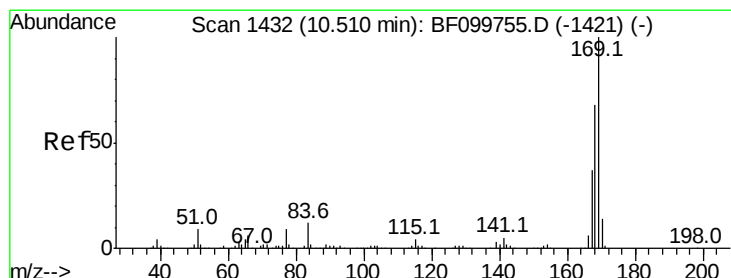
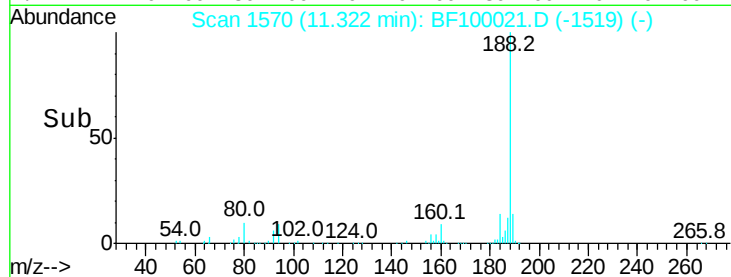
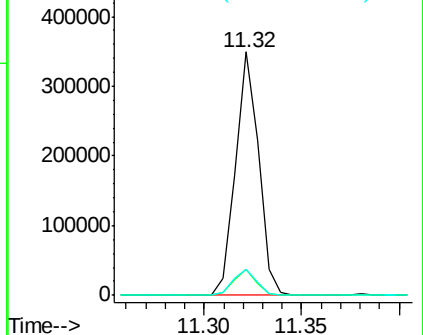
80 10.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

n-Nitrosodiphenylamine

Concen: 29.497 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

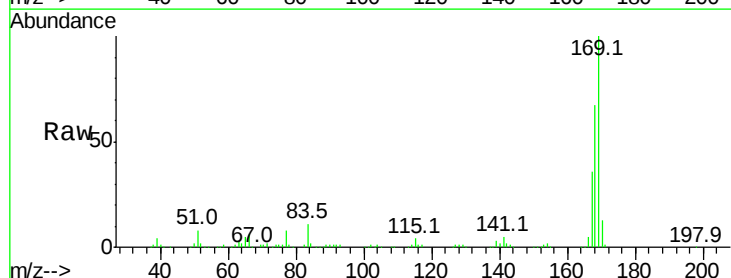
Tgt Ion:169 Resp: 312993

Ion Ratio Lower Upper

169 100

168 67.0 54.4 81.6

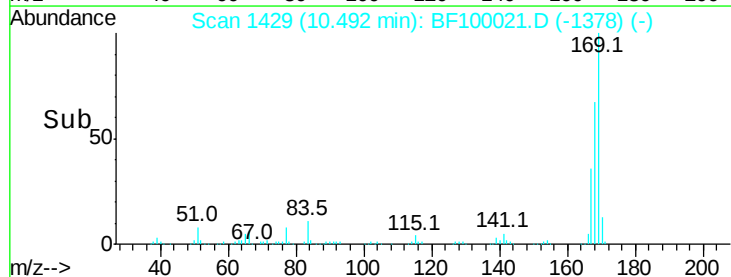
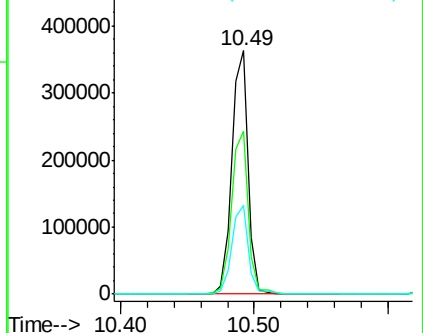
167 36.3 29.8 44.6

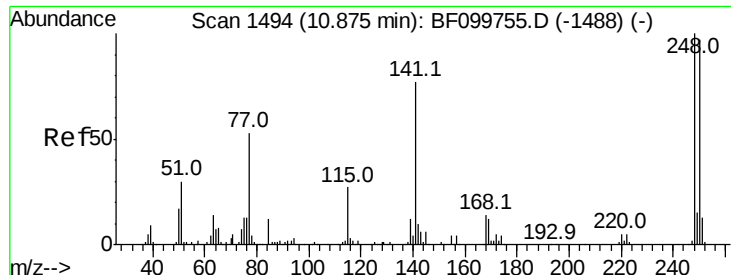


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

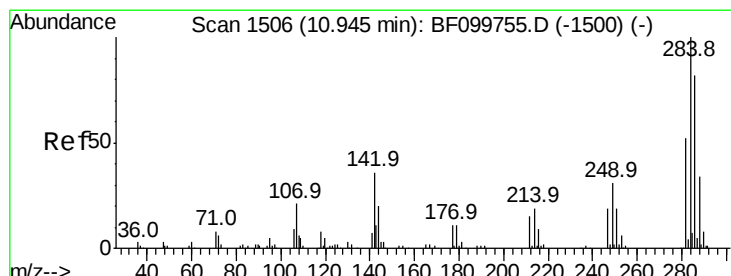
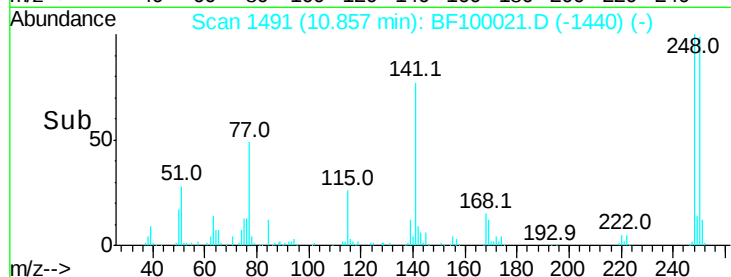
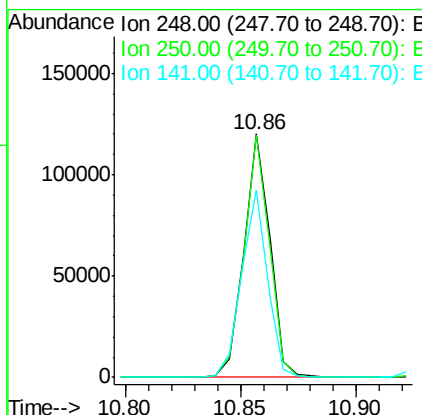
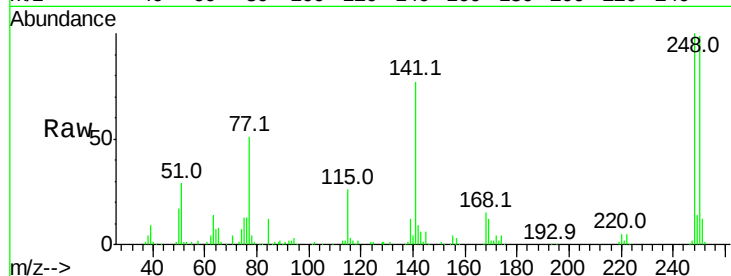




#66
 4-Bromophenyl-phenylether
 Concen: 31.262 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

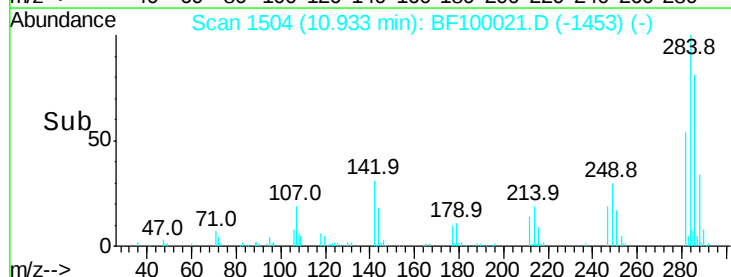
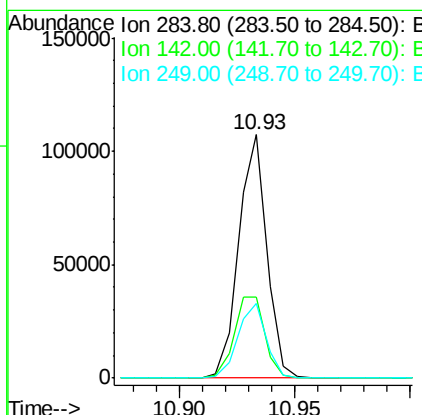
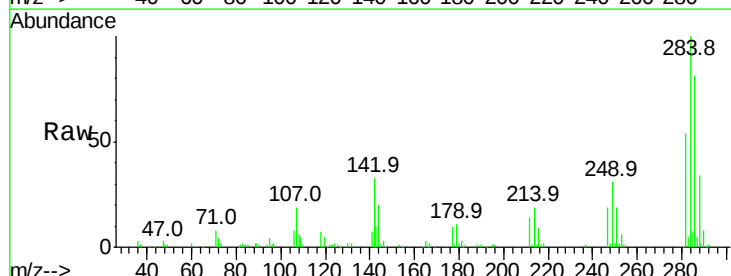
Instrument :
 BNA_F
 ClientSampleId :

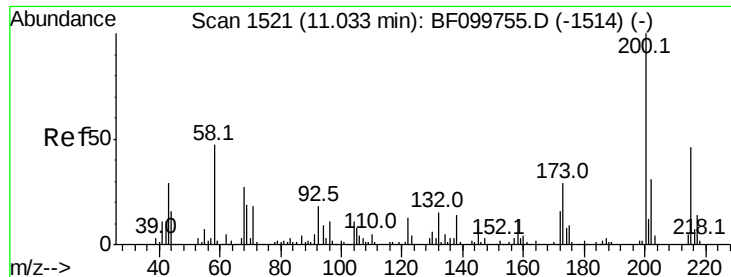
Tot Ion:248 Resp: 94605
 Ion Ratio Lower Upper
 248 100
 250 99.4 76.9 115.3
 141 76.9 74.4 111.6



#67
 Hexachlorobenzene
 Concen: 29.348 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Tgt Ion:284 Resp: 90860
 Ion Ratio Lower Upper
 284 100
 142 33.4 34.6 52.0#
 249 30.5 24.8 37.2

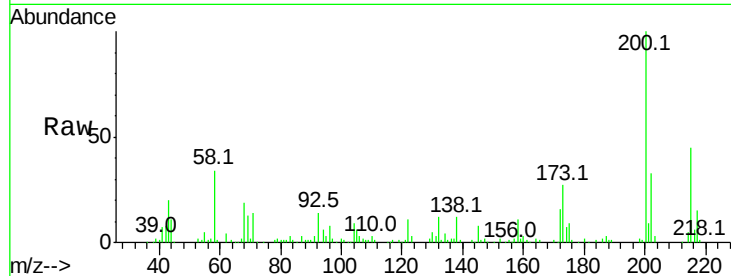




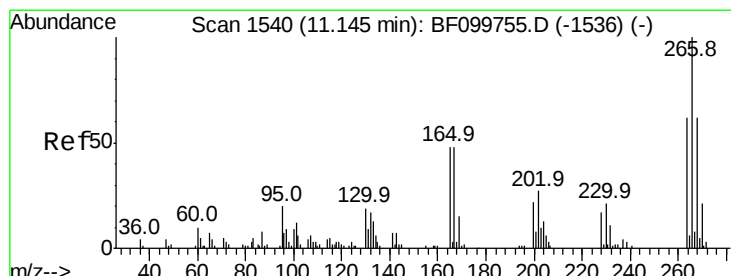
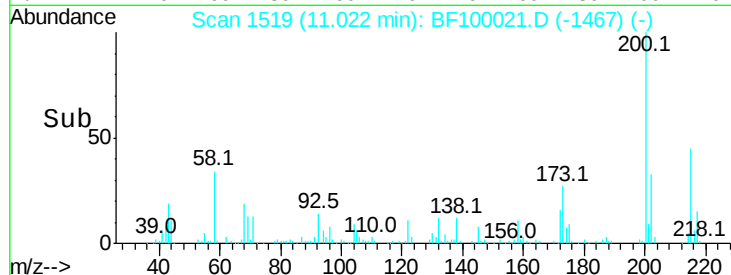
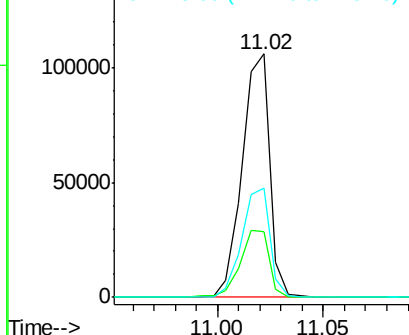
#68
Atrazine
Concen: 30.007 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 95645
Ion Ratio Lower Upper
200 100
173 26.8 8.6 48.6
215 45.1 25.1 65.1

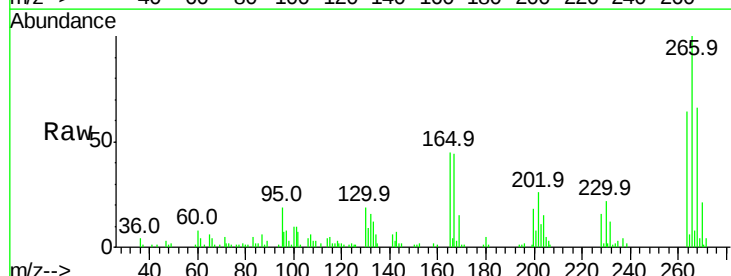


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

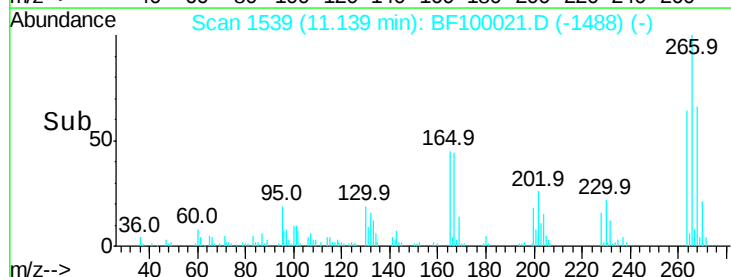
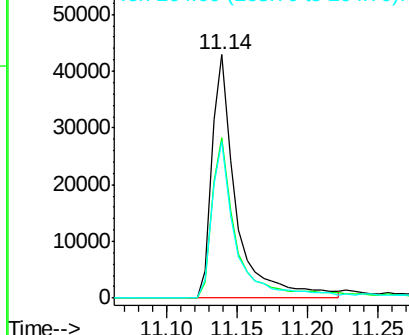


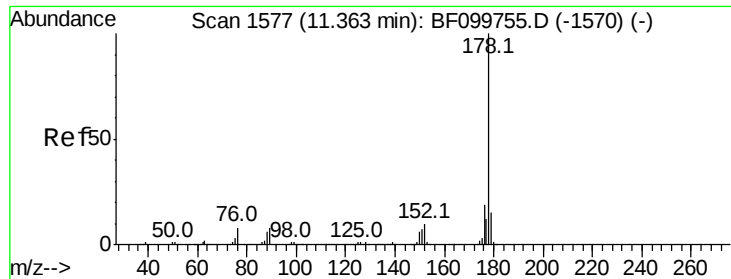
#69
Pentachlorophenol
Concen: 39.093 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

Tgt Ion:266 Resp: 51716
Ion Ratio Lower Upper
266 100
268 65.7 51.1 76.7
264 64.5 49.5 74.3



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





#70

Phenanthrene

Concen: 32.694 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampleId :

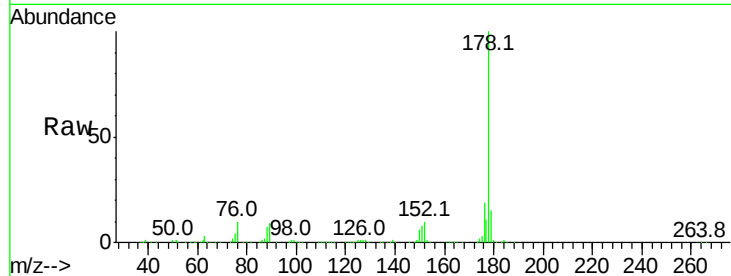
Tot Ion:178 Resp: 530367

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

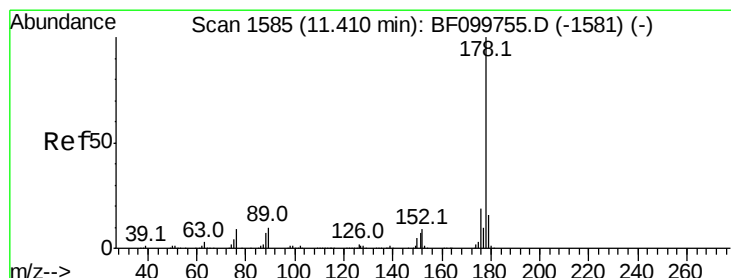
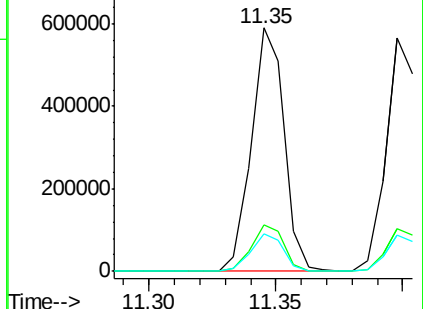
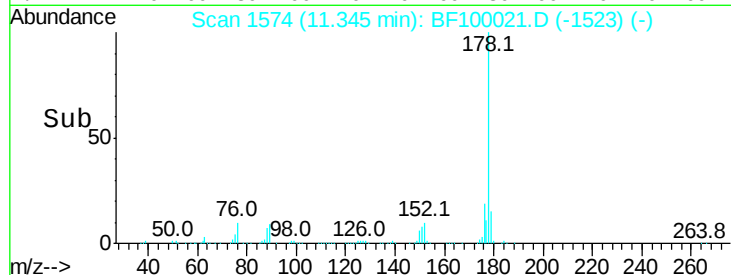
179 15.5 13.0 19.6



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: 30.632 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

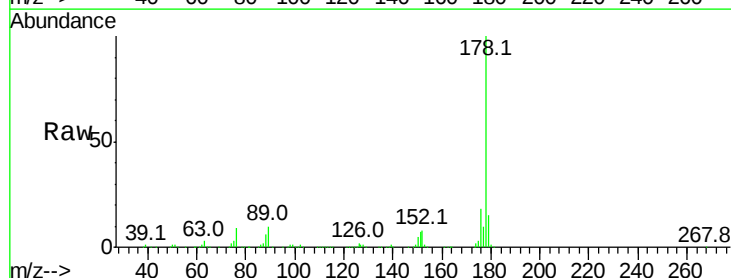
Tgt Ion:178 Resp: 504409

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

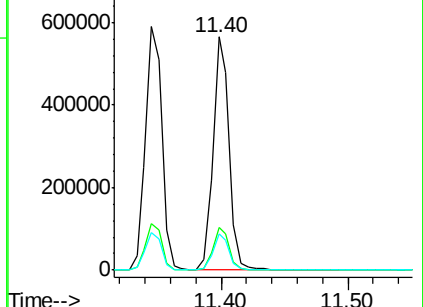
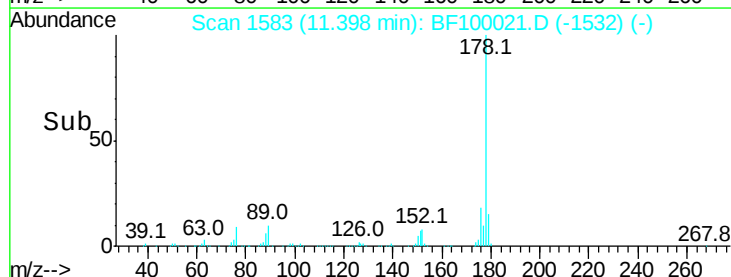
179 15.4 12.6 19.0

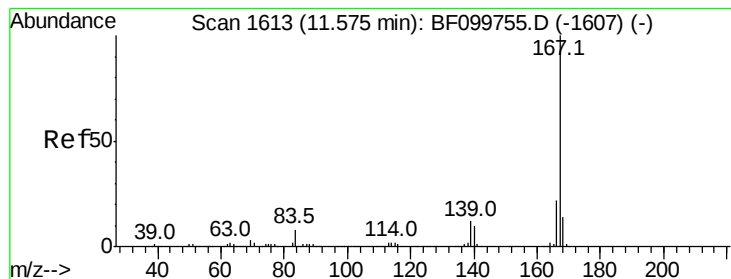


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 29.246 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampleId :

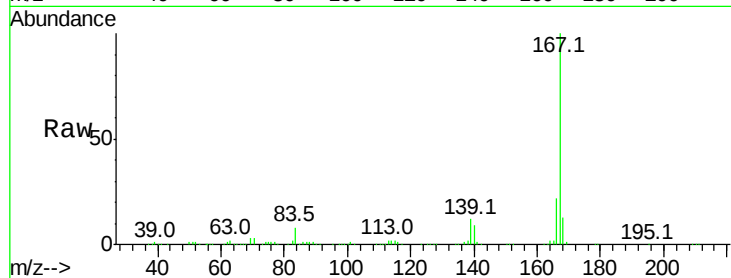
Tot Ion:167 Resp: 452873

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

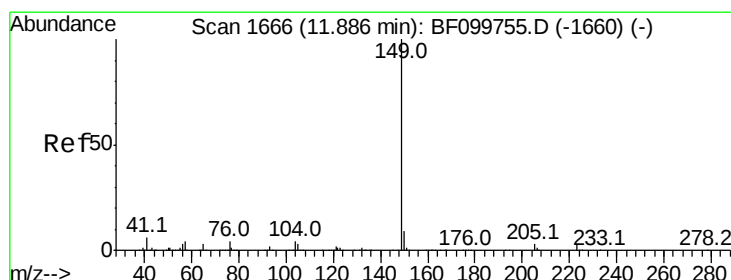
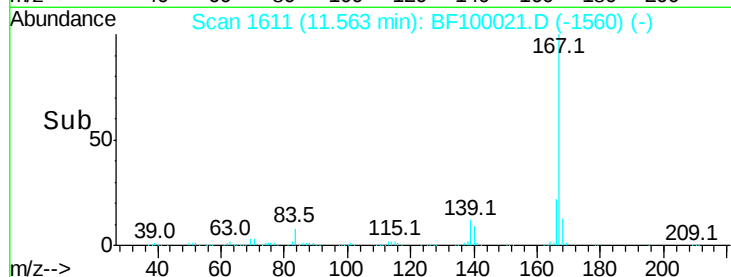
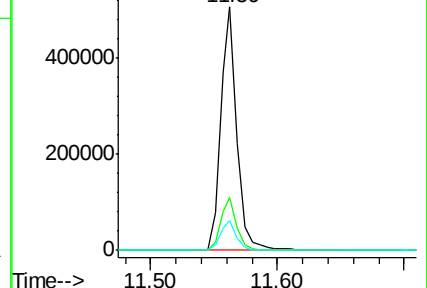
139 12.2 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 29.511 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

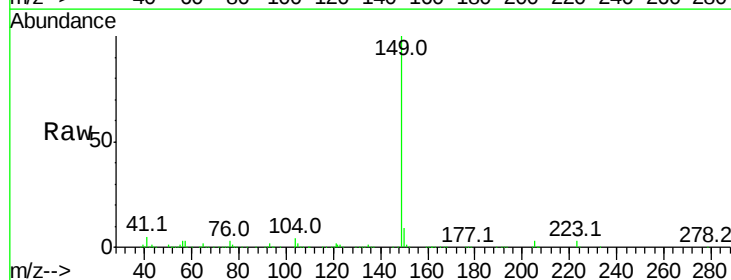
Tgt Ion:149 Resp: 582854

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

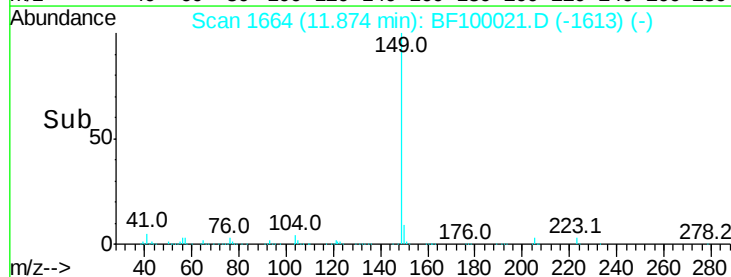
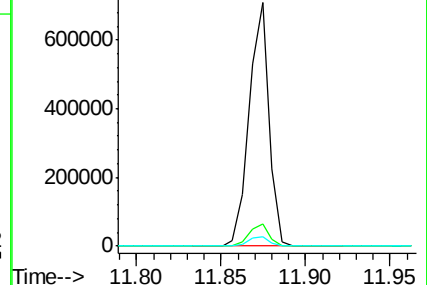
104 4.0 3.8 5.8

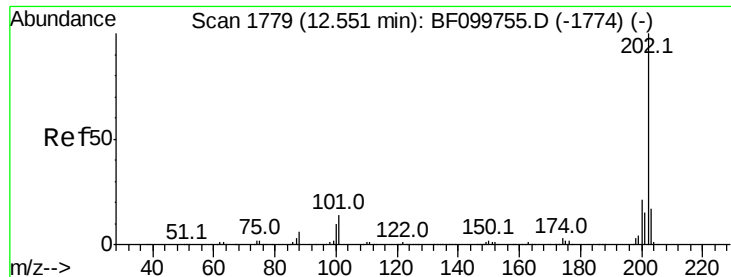


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

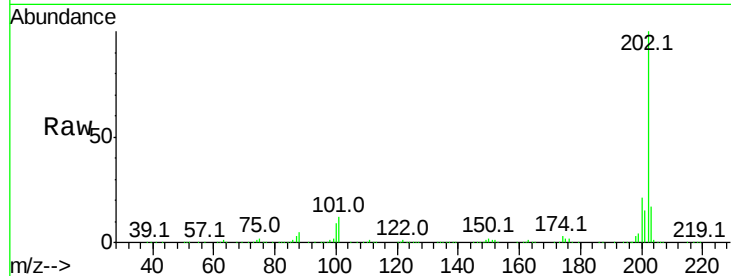




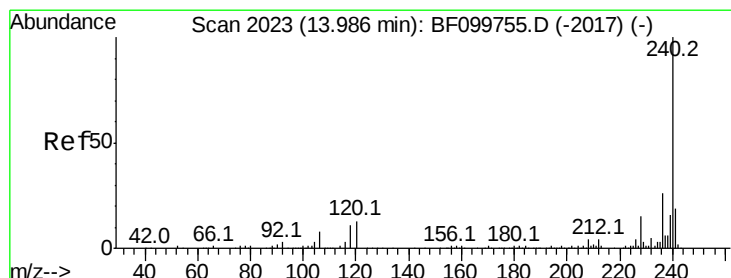
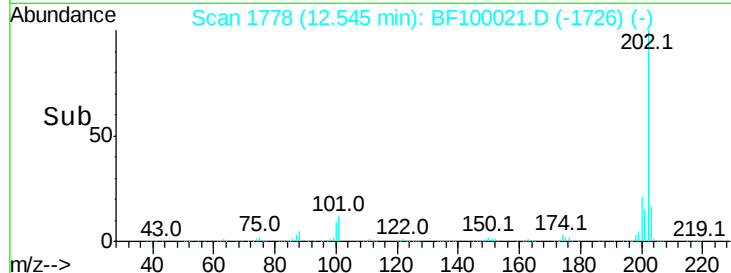
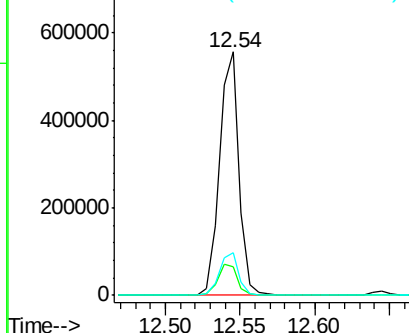
#74
 Fluoranthene
 Concen: 30.248 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. 0.01 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 509941
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 34.1
 203 17.4 0.0 38.1

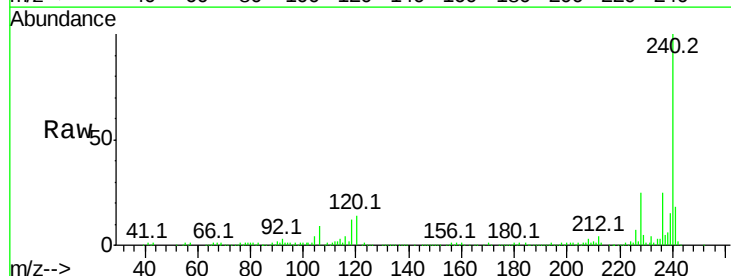


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

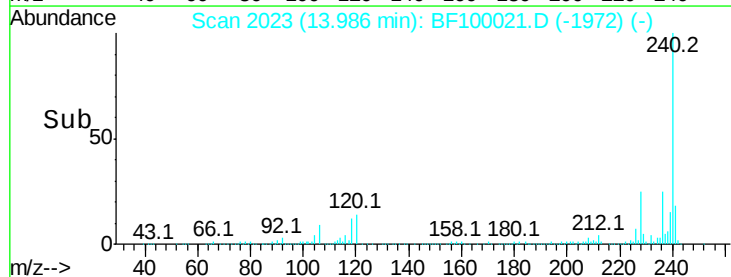
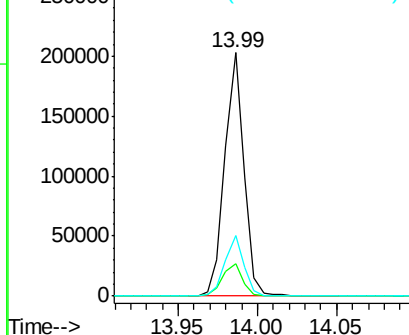


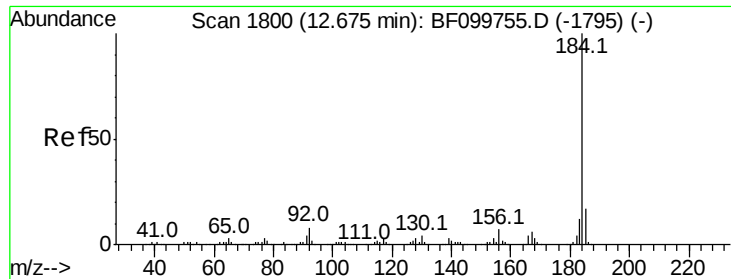
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Tgt Ion:240 Resp: 170072
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.5 14.3
 236 25.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 17.239 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampleId :

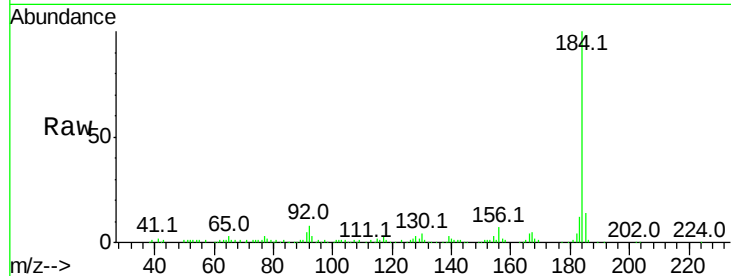
Tot Ion:184 Resp: 128287

Ion Ratio Lower Upper

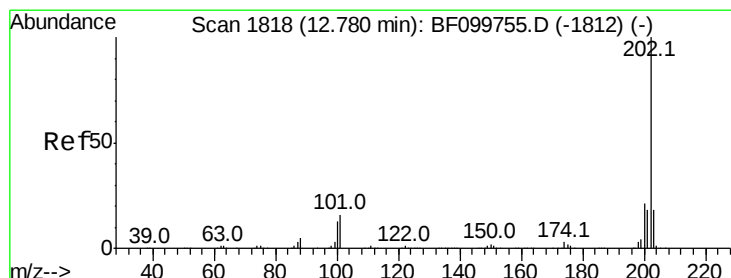
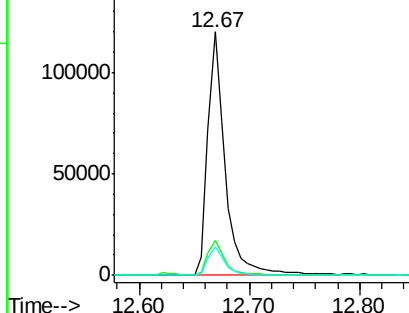
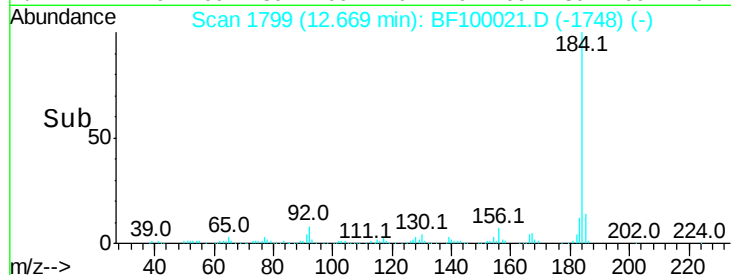
184 100

185 14.2 12.6 18.8

183 11.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 37.876 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

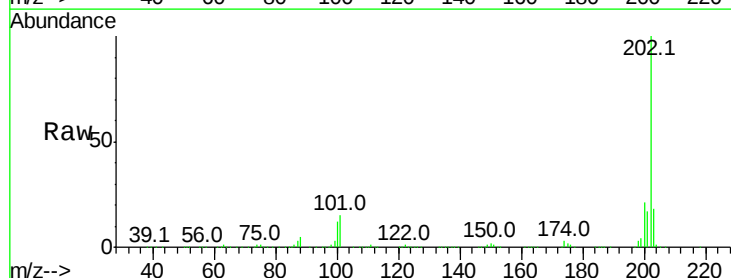
Tgt Ion:202 Resp: 489822

Ion Ratio Lower Upper

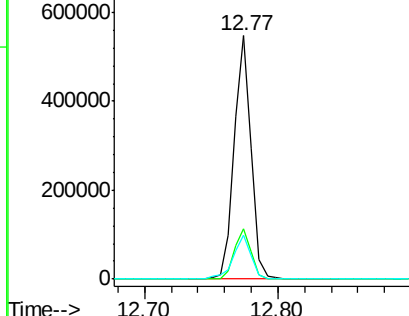
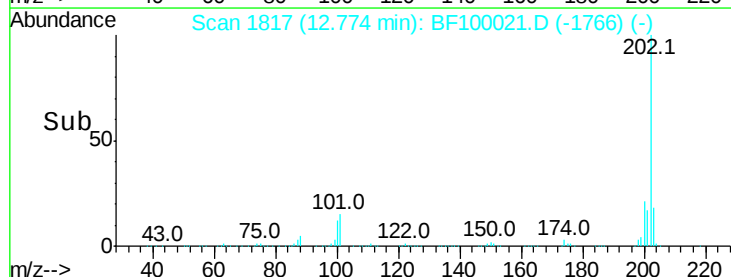
202 100

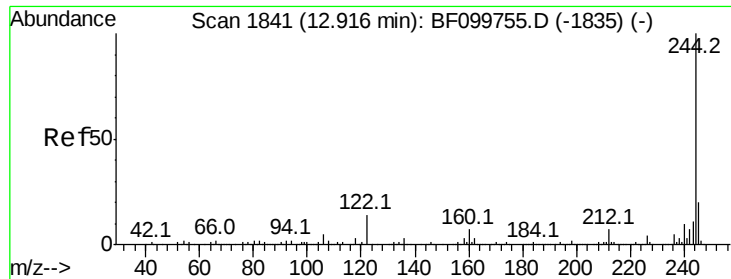
200 20.9 17.4 26.2

203 17.9 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

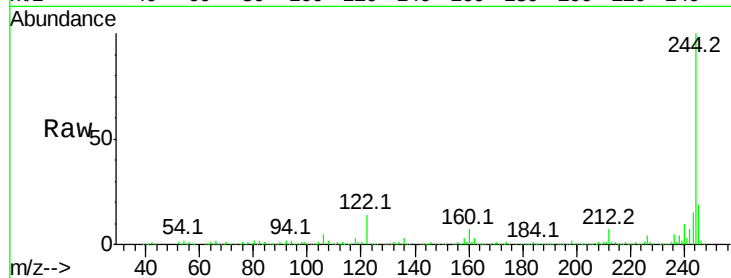




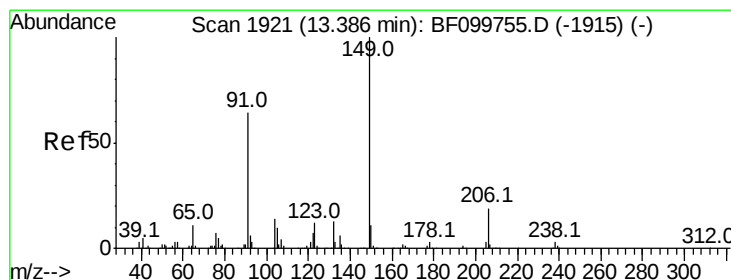
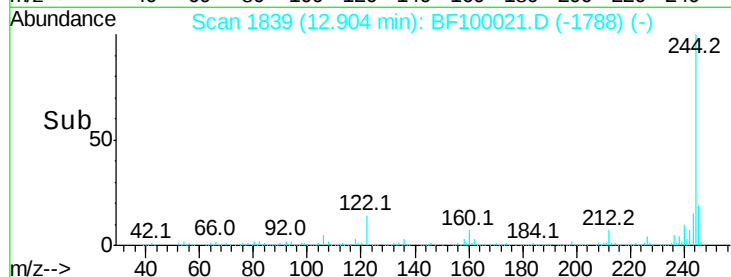
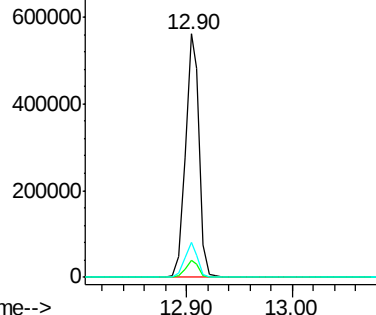
#78
 Terphenyl-d14
 Concen: 66.135 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 514682
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.3 11.0 16.4

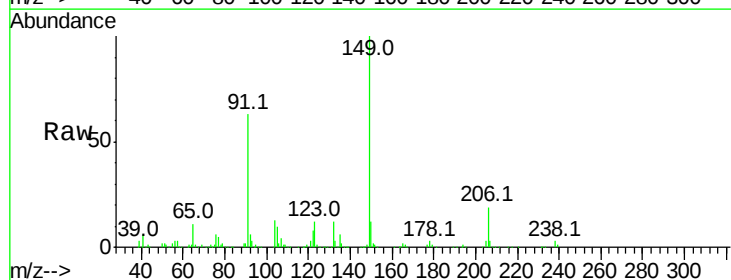


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

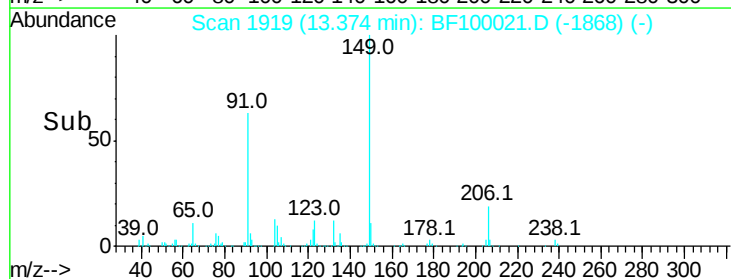
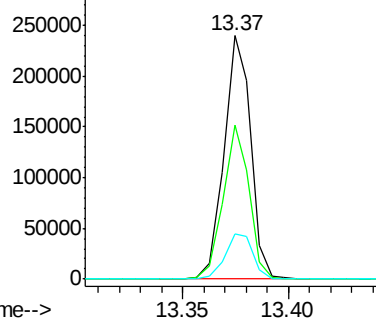


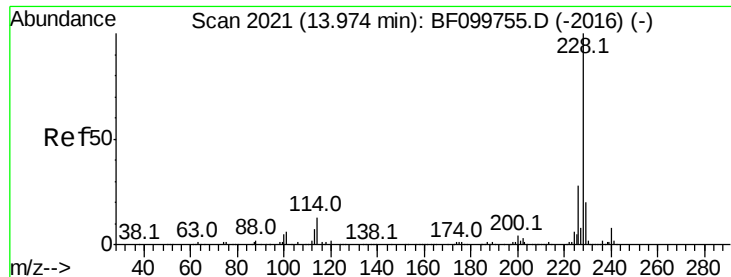
#79
 Butylbenzylphthalate
 Concen: 32.753 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF100021.D
 Acq: 31 Oct 2017 23:08

Tgt Ion:149 Resp: 208580
 Ion Ratio Lower Upper
 149 100
 91 63.4 56.8 85.2
 206 18.6 14.1 21.1



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





#80

Benzo(a)anthracene

Concen: 31.275 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampleId :

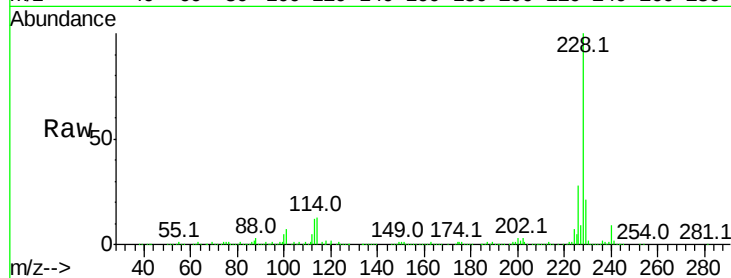
Tot Ion:228 Resp: 337194

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

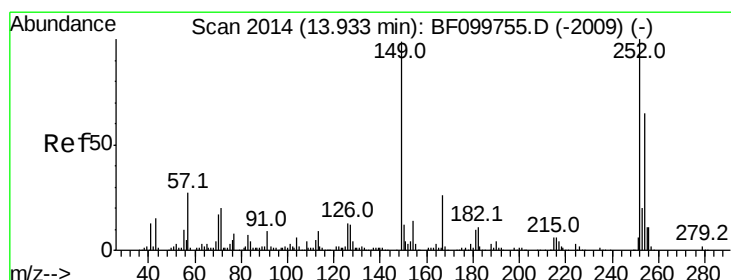
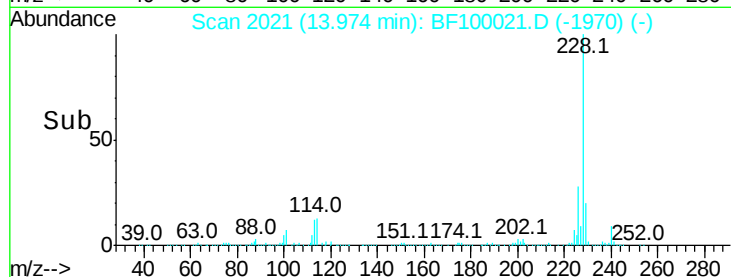
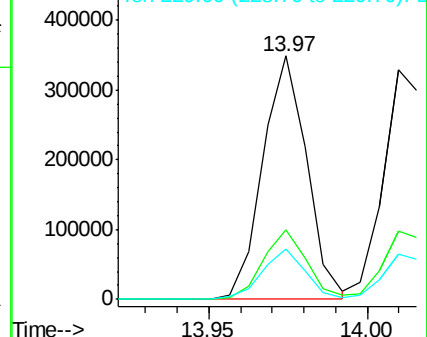
229 20.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 24.639 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

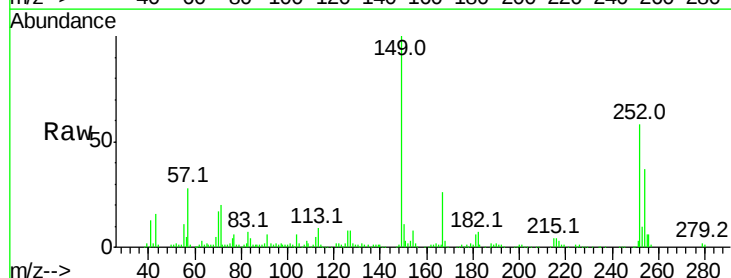
Tgt Ion:252 Resp: 96429

Ion Ratio Lower Upper

252 100

254 63.5 50.4 75.6

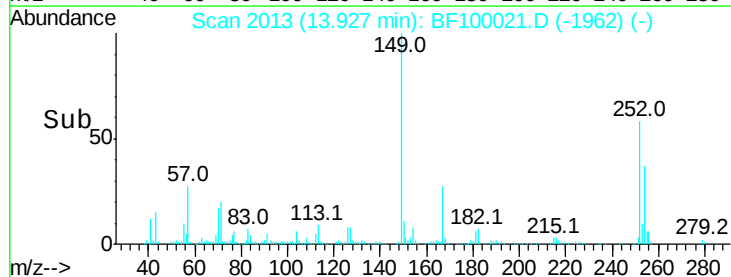
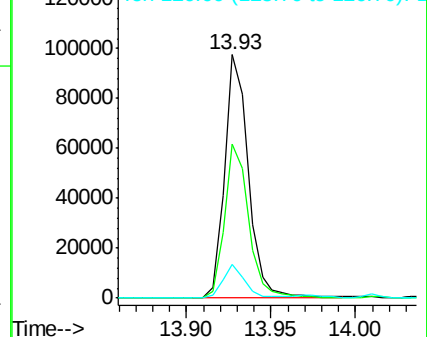
126 13.8 11.3 16.9

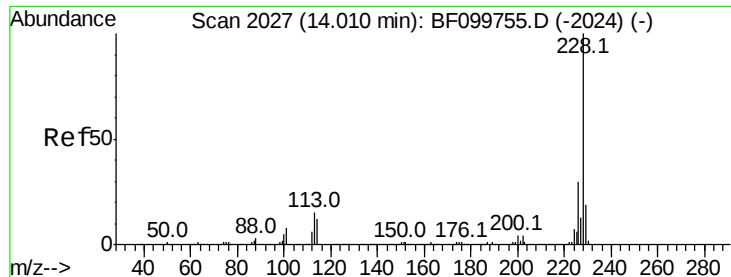


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 31.135 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampleId :

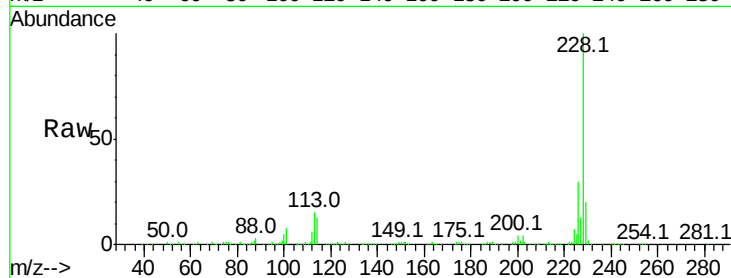
Tot Ion:228 Resp: 315582

Ion Ratio Lower Upper

228 100

226 29.7 25.0 37.6

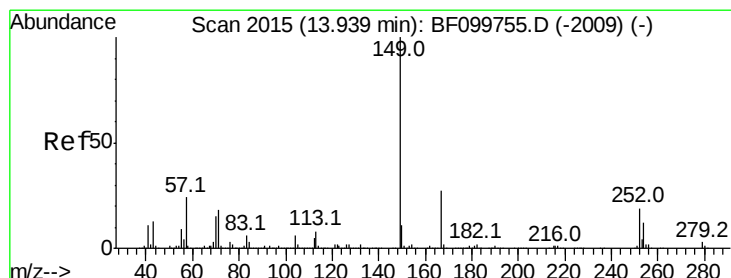
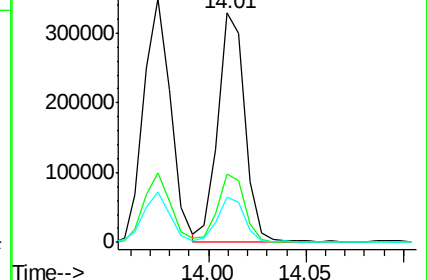
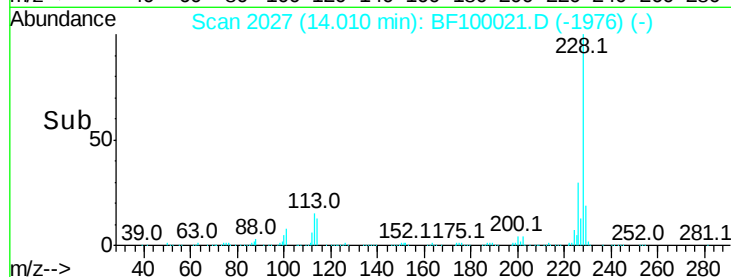
229 19.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 32.426 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

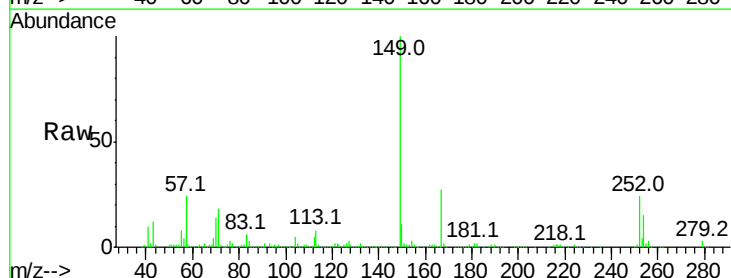
Tgt Ion:149 Resp: 289981

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

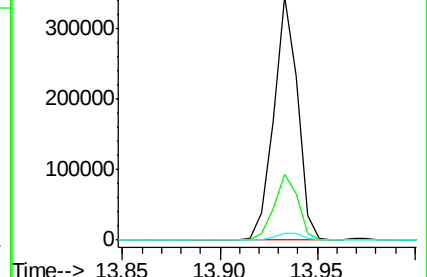
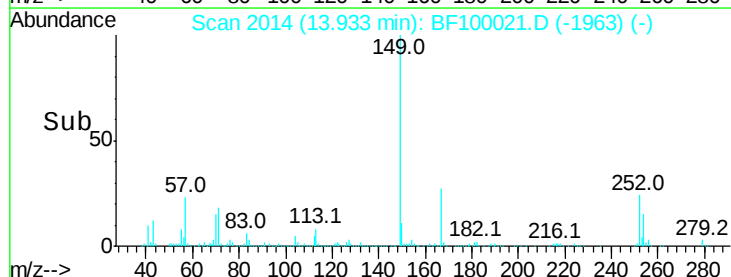
279 3.0 3.0 4.4#

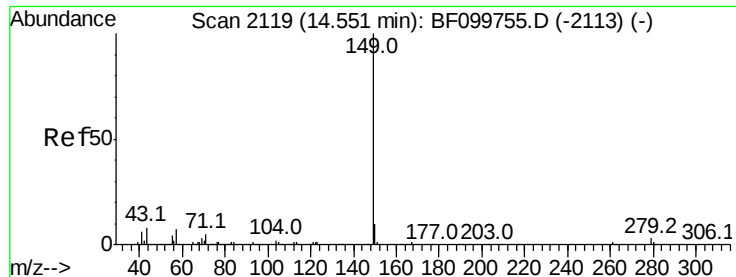


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

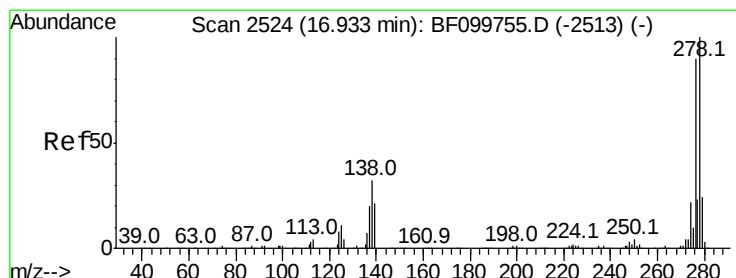
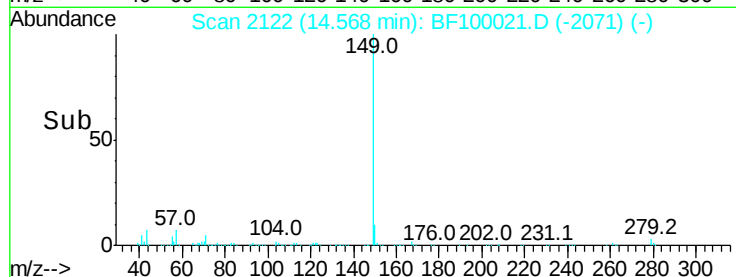
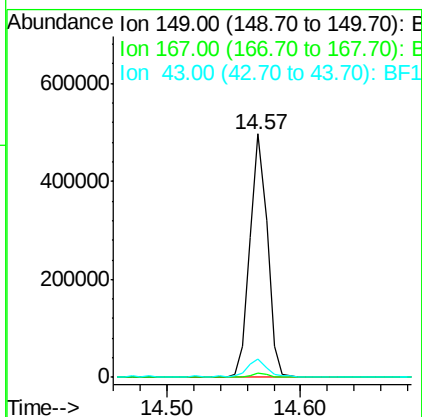
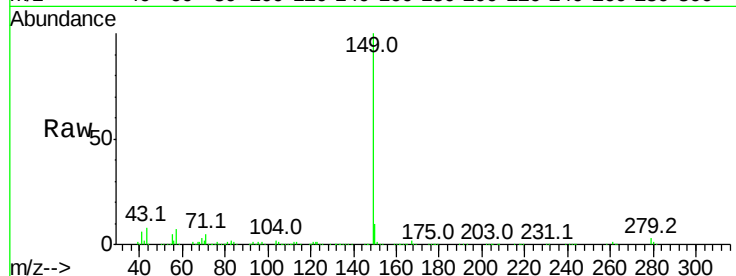




#84
Di-n-octyl phthalate
Concen: 28.579 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

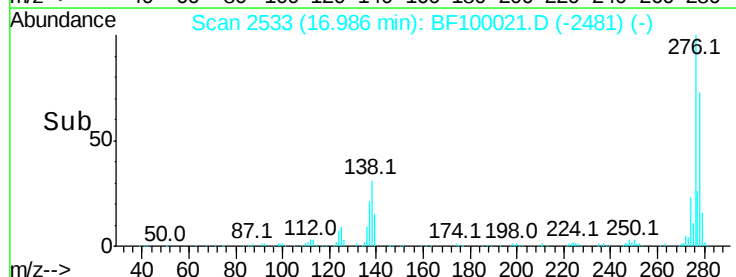
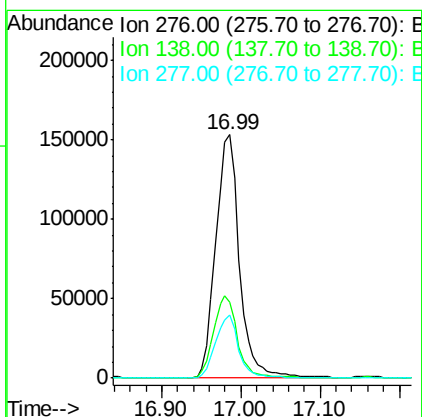
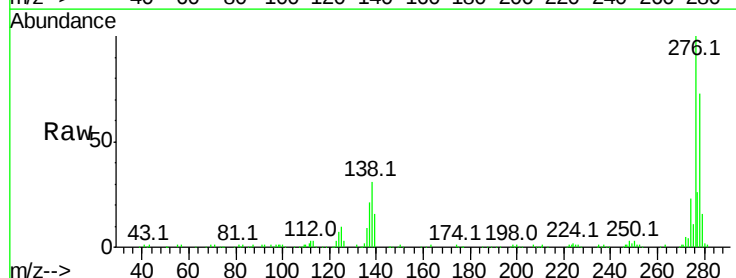
Instrument :
BNA_F
ClientSampleId :

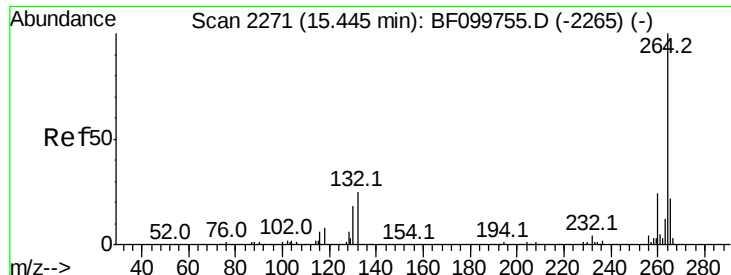
Tot Ion:149 Resp: 438674
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 7.3 8.4 12.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 34.326 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

Tgt Ion:276 Resp: 319404
Ion Ratio Lower Upper
276 100
138 34.1 25.0 37.6
277 25.3 20.1 30.1

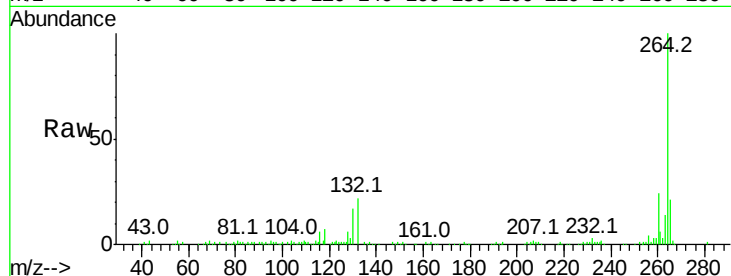




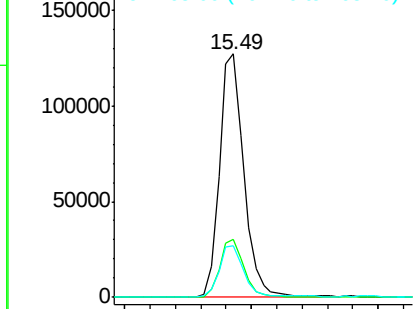
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

Instrument :
BNA_F
ClientSampleId :

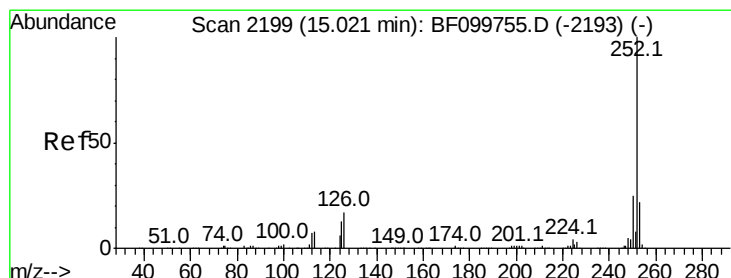
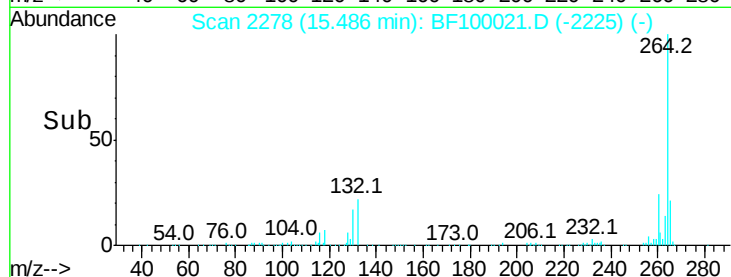
Tot Ion:264 Resp: 170634
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.1 17.5 26.3



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

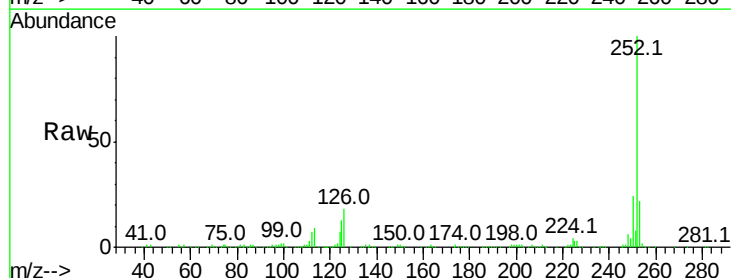


Time-->

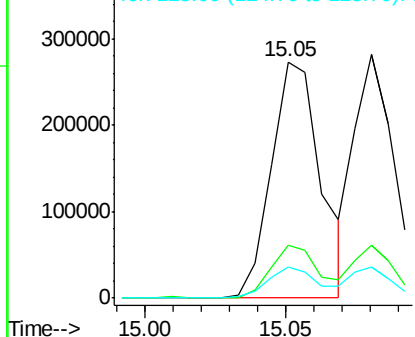


#87
Benzo(b)fluoranthene
Concen: 30.958 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

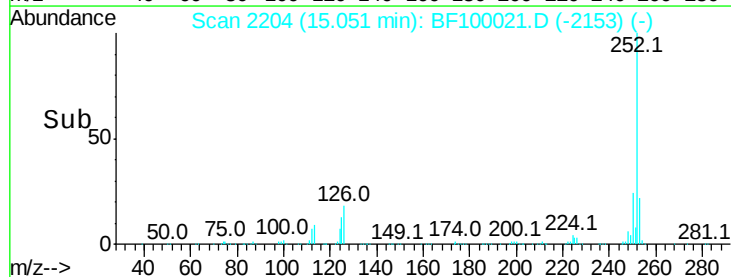
Tgt Ion:252 Resp: 333565
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 13.1 9.0 13.6

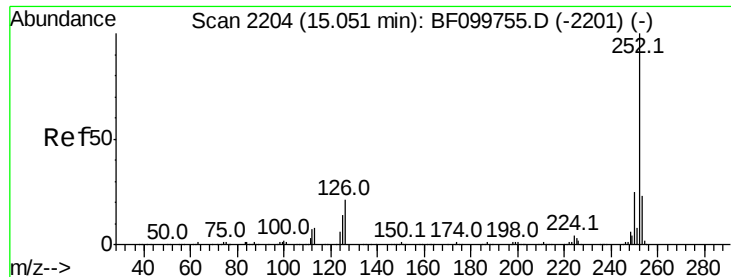


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->

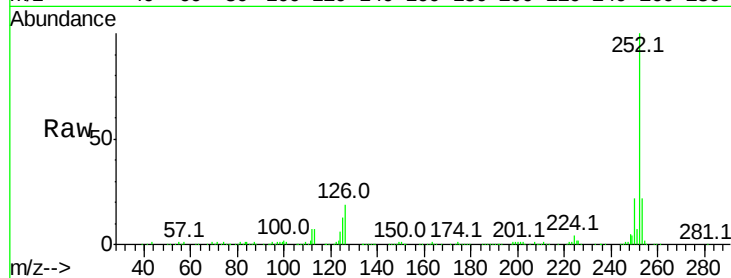




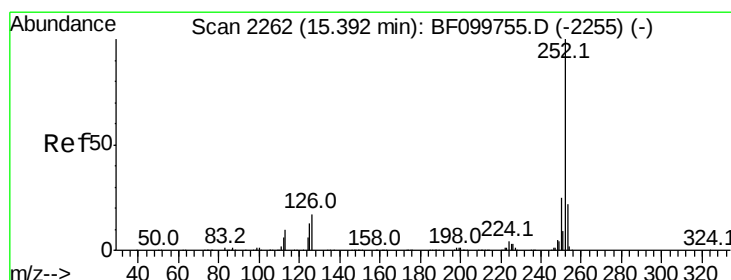
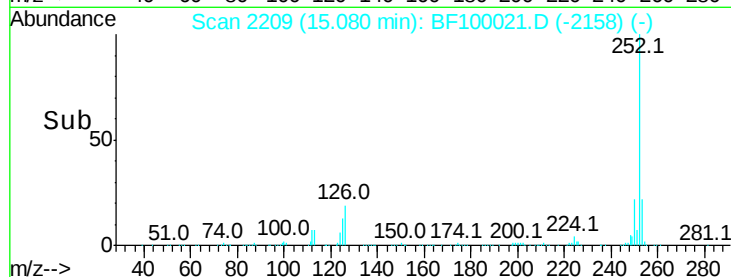
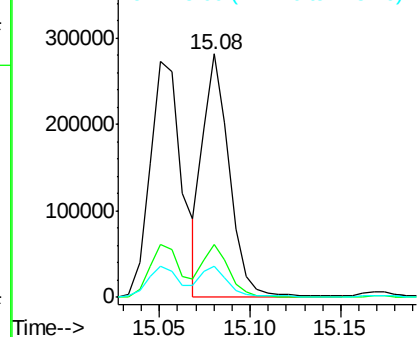
#88
Benzo(k)fluoranthene
Concen: 28.110 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 285599
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 12.8 10.2 15.2

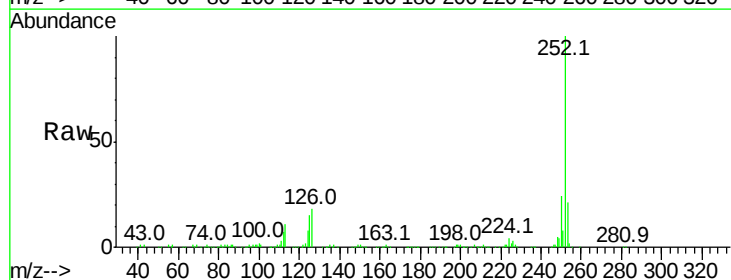


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

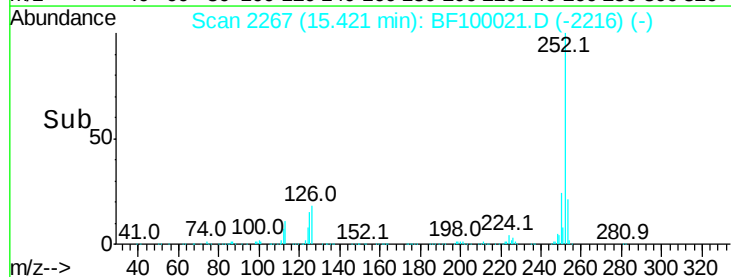
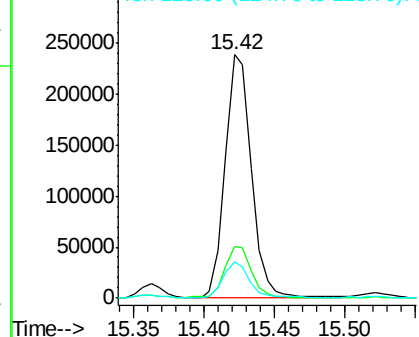


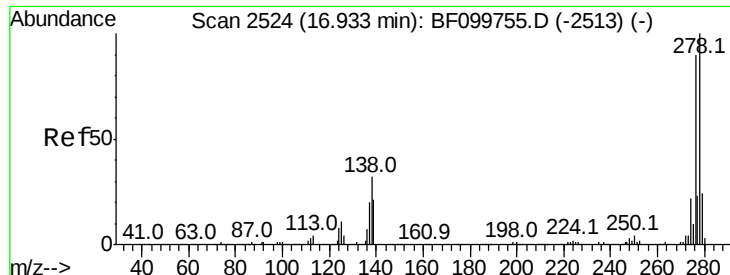
#89
Benzo(a)pyrene
Concen: 31.705 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF100021.D
Acq: 31 Oct 2017 23:08

Tgt Ion:252 Resp: 306864
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 15.1 9.8 14.6#



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





#90

Dibenzo(a,h)anthracene

Concen: 30.622 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

Instrument :

BNA_F

ClientSampleId :

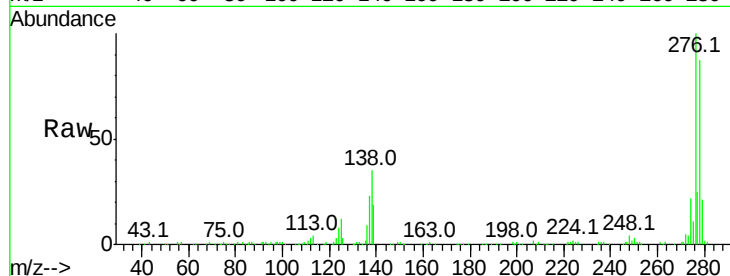
Tot Ion:278 Resp: 263355

Ion Ratio Lower Upper

278 100

139 22.4 15.9 23.9

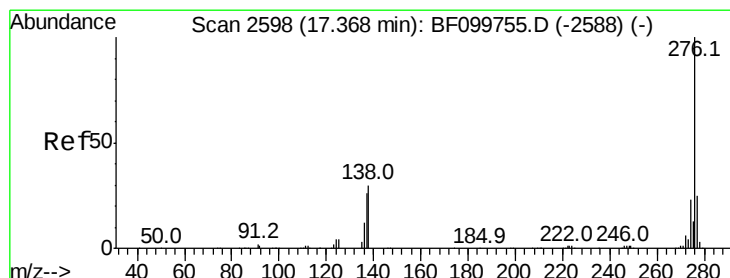
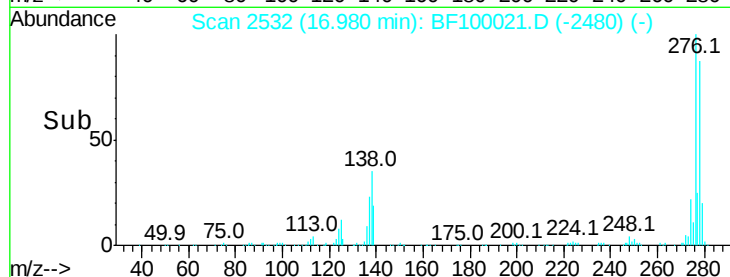
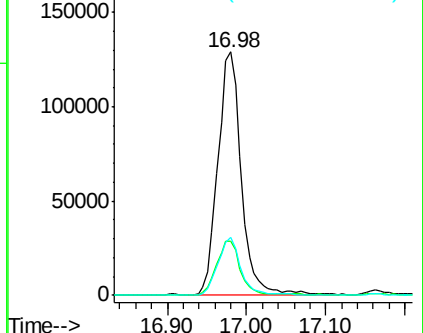
279 23.8 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 30.903 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.01 min

Lab File: BF100021.D

Acq: 31 Oct 2017 23:08

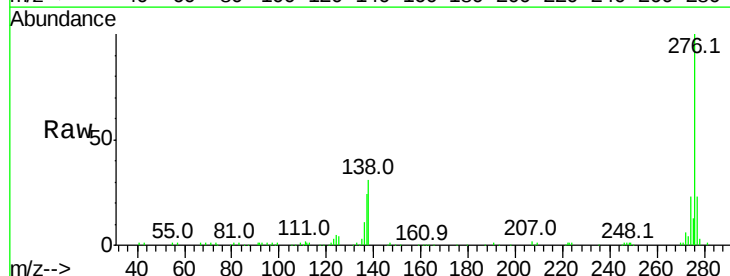
Tgt Ion:276 Resp: 260016

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 31.0 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

