

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100856.D
 Acq On : 23 Nov 2017 6:42
 Operator : SJ/JU
 Sample : PB104490BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:48:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	77420	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	297166	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	139224	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	238655	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	150394	20.00	ng	-0.02
86) Perylene-d12	15.49	264	166249	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	378043	78.27	ng	0.00
7) Phenol-d6	6.49	99	461605	77.51	ng	-0.02
23) Nitrobenzene-d5	7.42	82	422753	94.05	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	117133	82.56	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	856625	93.69	ng	-0.02
78) Terphenyl-d14	12.97	244	599607	91.61	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.63	93	469	0.056	ng	# 1
9) Benzaldehyde	6.49	77	619	0.146	ng	# 1
10) Phenol	6.63	94	680	0.109	ng	# 1
11) bis(2-Chloroethyl)ether	6.63	93	469	0.089	ng	# 1
15) Benzyl Alcohol	7.02	79	7034	1.513	ng	# 50
19) n-Nitroso-di-n-propylamine	7.42	70	55813	13.513	ng	# 79
24) Nitrobenzene	7.42	77	1015	0.219	ng	# 38
25) Isophorone	7.42	82	422749	44.757	ng	# 64
27) 2,4-Dimethylphenol	7.84	122	117	0.028	ng	# 4
32) Benzoic acid	7.84	122	117	9.400	ng	# 1
45) 1,1'-Biphenyl	9.22	154	1504	0.125	ng	# 1
47) 2-Nitroaniline	9.22	65	1169	3.211	ng	# 1
50) 2,6-Dinitrotoluene	9.90	165	17487	8.311	ng	# 25
51) Acenaphthene	9.89	154	423	0.048	ng	# 4
56) 2,4-Dinitrotoluene	9.90	165	17487	6.588	ng	# 23
57) Fluorene	10.69	166	4835	0.535	ng	# 81
59) Diethylphthalate	10.30	149	3574	0.336	ng	# 93
62) Azobenzene	10.69	77	372	0.037	ng	# 1
65) n-Nitrosodiphenylamine	10.69	169	3415	0.412	ng	# 44
66) 4-Bromophenyl-phenylether	10.69	248	7484	2.925	ng	# 1
73) Di-n-butylphthalate	11.93	149	1190	0.086	ng	# 78
76) Benzidine	12.72	184	744	0.124	ng	# 66
77) Pyrene	12.97	202	1825	0.170	ng	# 36
79) Butylbenzylphthalate	13.15	149	157	0.036	ng	# 23
80) Benzo(a)anthracene	14.02	228	742	0.082	ng	# 51
82) Chrysene	14.04	228	513	0.058	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.99	149	575	0.100	ng	# 53
84) Di-n-octyl phthalate	14.61	149	602	0.061	ng	# 10
85) Indeno(1,2,3-cd)pyrene	16.97	276	895	0.126	ng	# 46
87) Benzo(b)fluoranthene	15.06	252	1386	0.141	ng	# 60
88) Benzo(k)fluoranthene	15.09	252	965	0.104	ng	# 59
89) Benzo(a)pyrene	15.43	252	113	0.013	ng	# 60
90) Dibenzo(a,h)anthracene	16.97	278	407	0.057	ng	# 54
91) Benzo(g,h,i)perylene	17.41	276	439	0.063	ng	# 50

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Response via : Initial Calibration

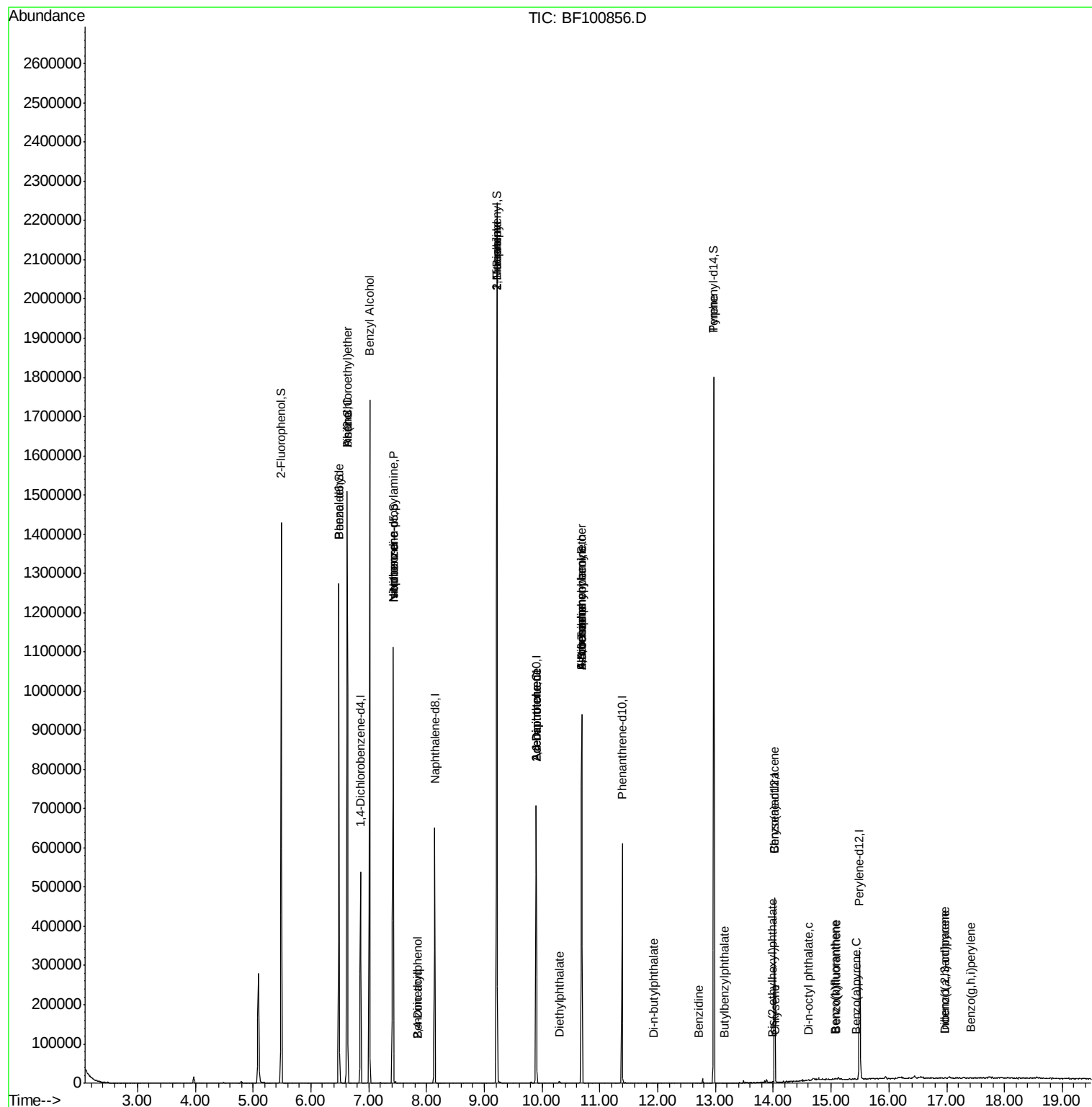
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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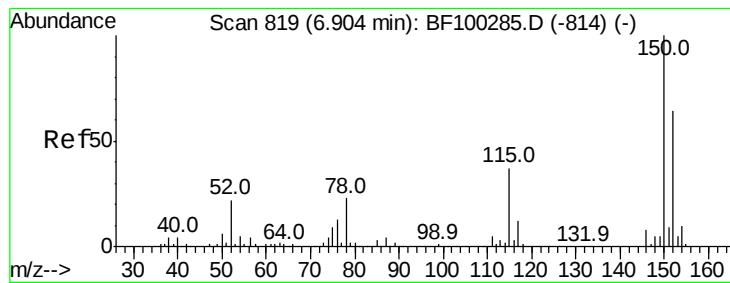
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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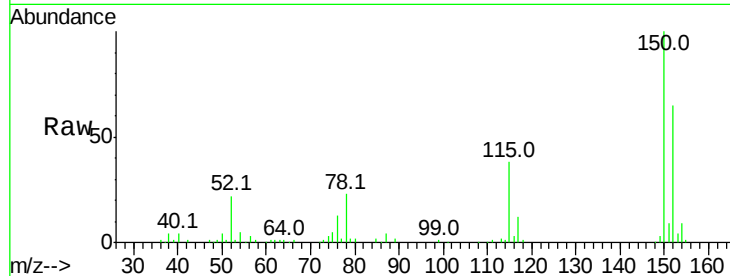


#1

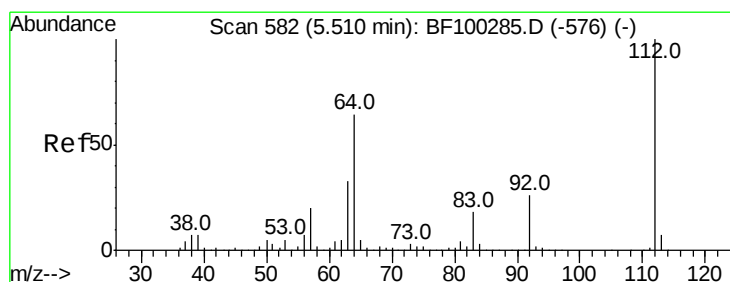
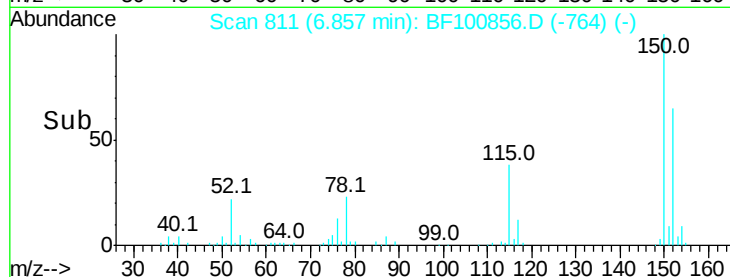
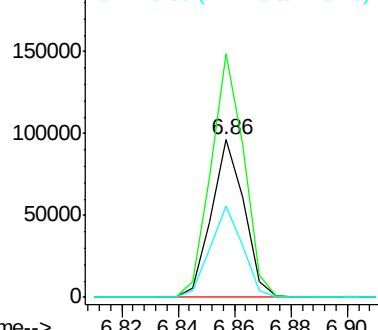
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77420
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 58.2 50.1 75.1



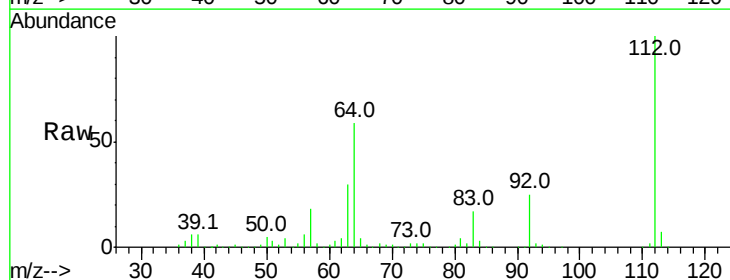
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



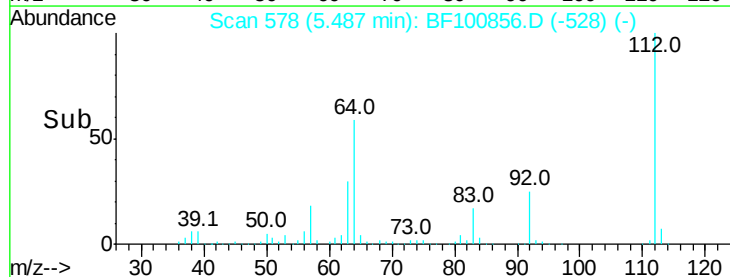
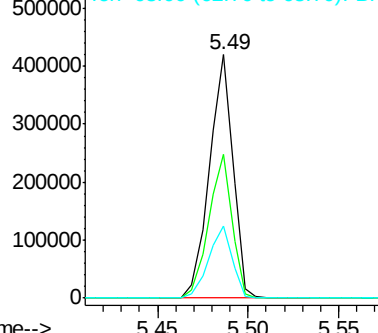
#5

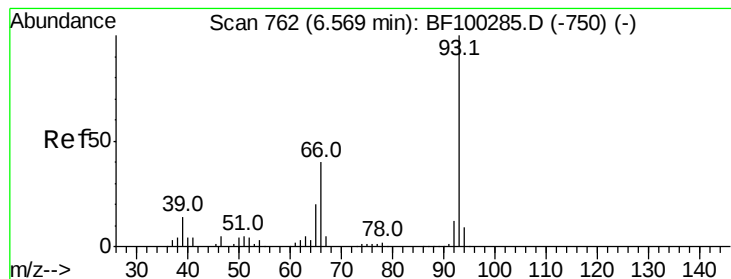
2-Fluorophenol
Concen: 78.274 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

Tgt Ion:112 Resp: 378043
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 29.8 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: 0.056 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.08 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

Instrument :

BNA_F

ClientSampled :

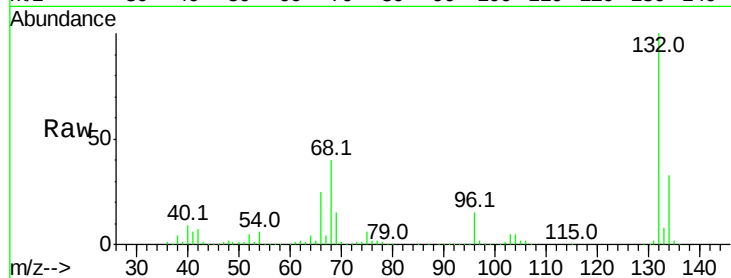
Tot Ion: 93 Resp: 469

Ion Ratio Lower Upper

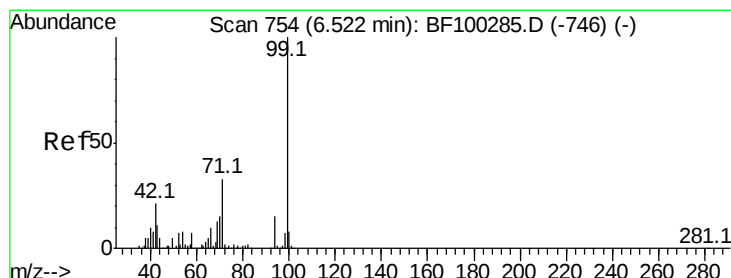
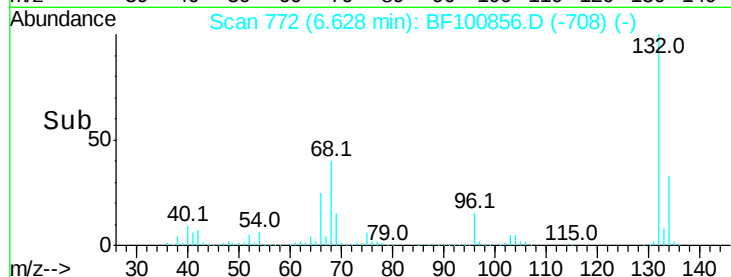
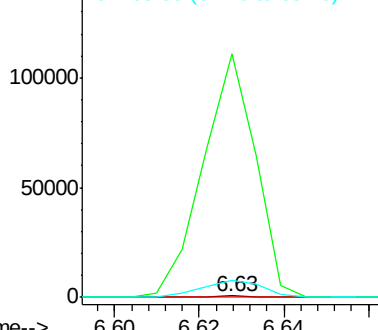
93 100

66 18239.5 32.2 48.2#

65 1300.8 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: 77.506 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

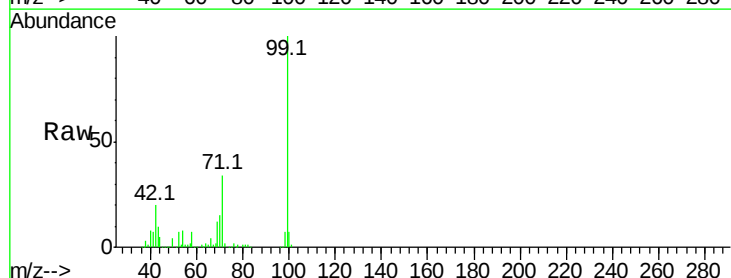
Tgt Ion: 99 Resp: 461605

Ion Ratio Lower Upper

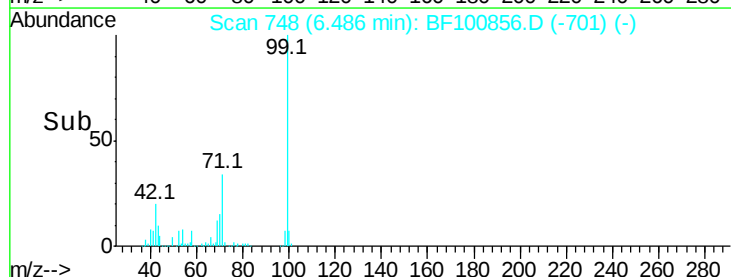
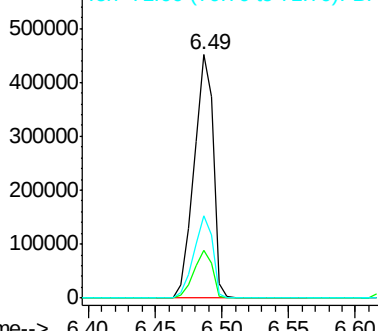
99 100

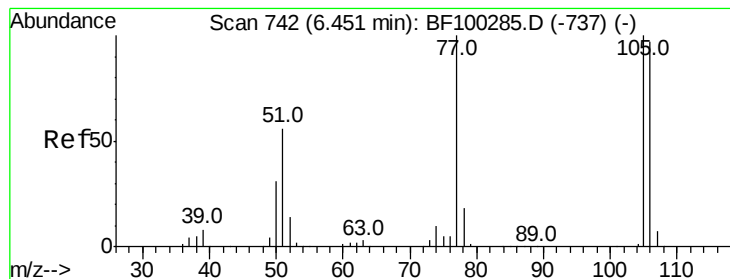
42 19.8 14.5 21.7

71 33.7 25.4 38.0



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





#9

Benzaldehyde

Concen: 0.146 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.05 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

Instrument :

BNA_F

ClientSampleId :

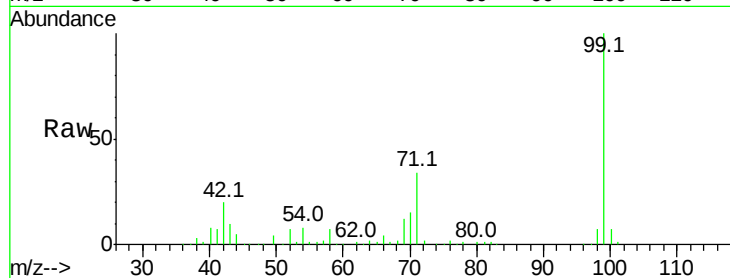
Tot Ion: 77 Resp: 619

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

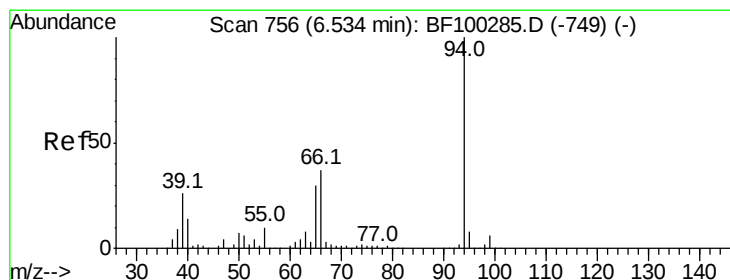
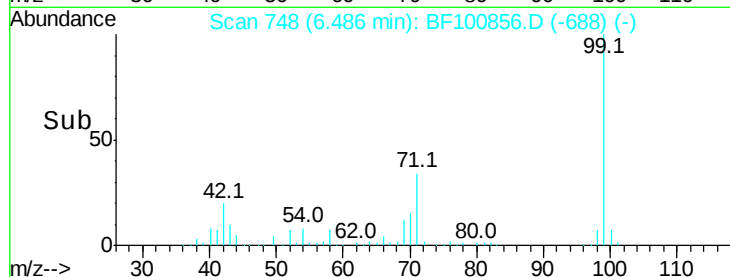
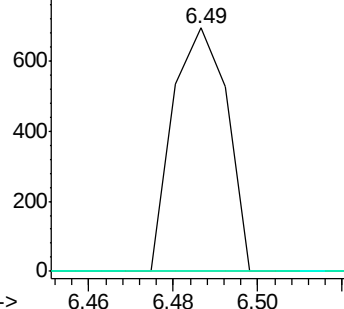
106 0.0 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 0.109 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.11 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

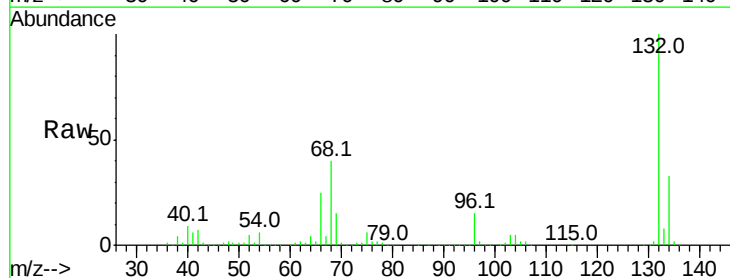
Tgt Ion: 94 Resp: 680

Ion Ratio Lower Upper

94 100

65 848.6 7.9 47.9#

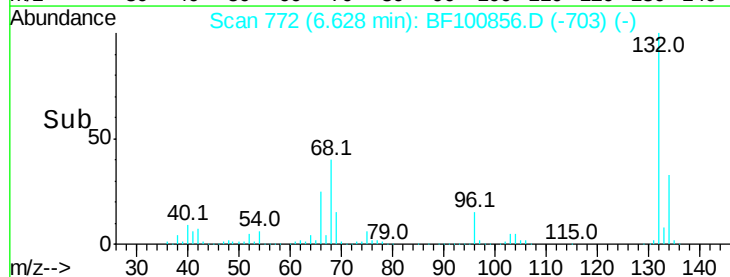
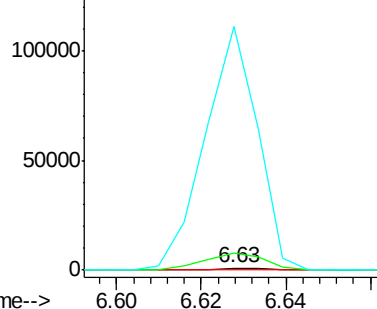
66 11898.7 16.2 56.2#

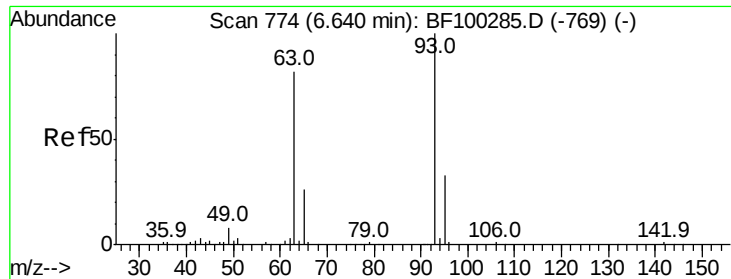


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

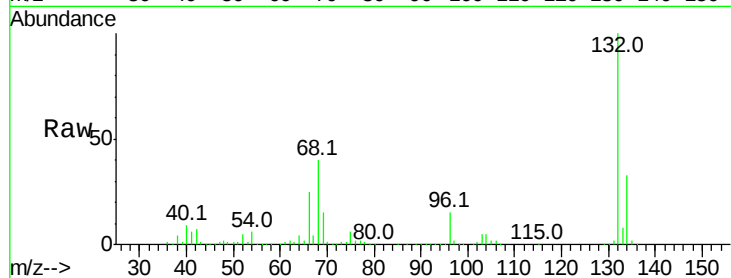




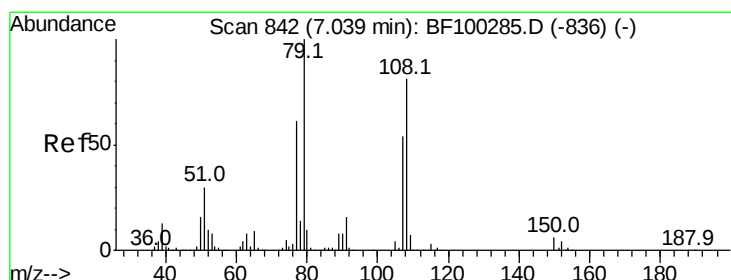
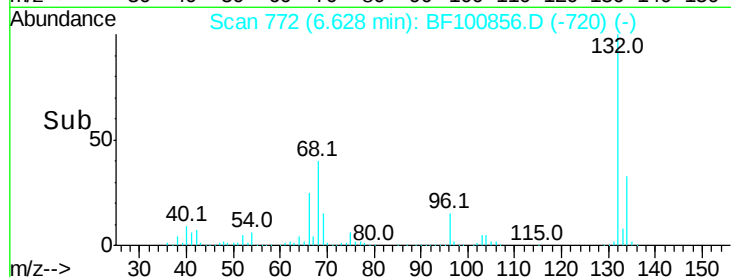
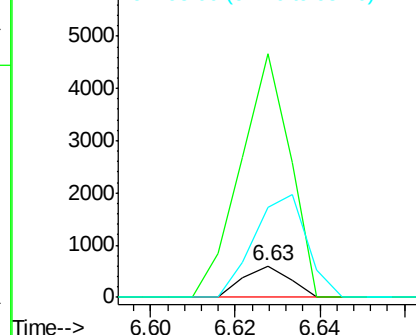
#11
bis(2-Chloroethyl)ether
Concen: 0.089 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 469
Ion Ratio Lower Upper
93 100
63 766.9 58.6 98.6#
95 283.1 11.8 51.8#

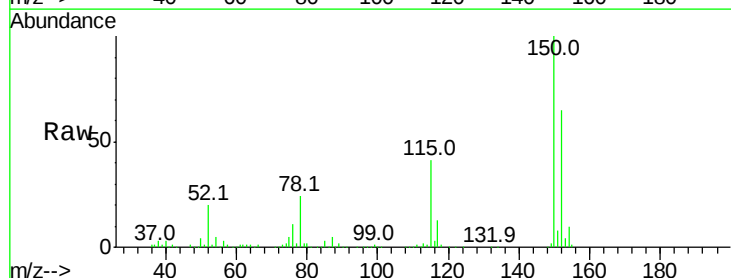


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

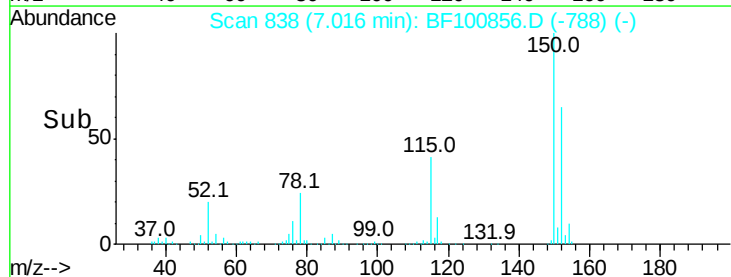
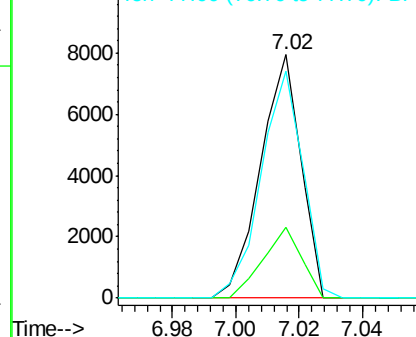


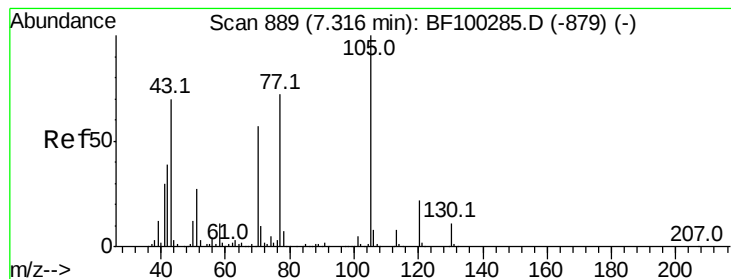
#15
Benzyl Alcohol
Concen: 1.513 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

Tgt Ion: 79 Resp: 7034
Ion Ratio Lower Upper
79 100
108 29.1 65.1 97.7#
77 93.2 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





#19

n-Nitroso-di-n-propylamine

Concen: 13.513 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.12 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 55813

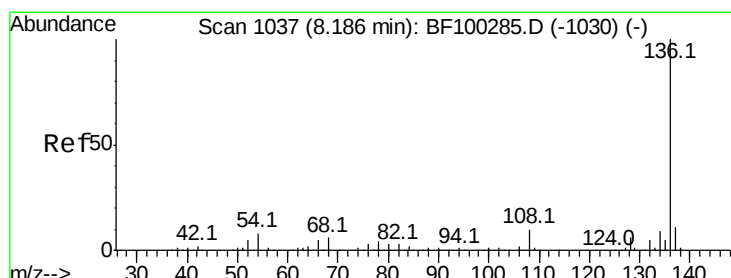
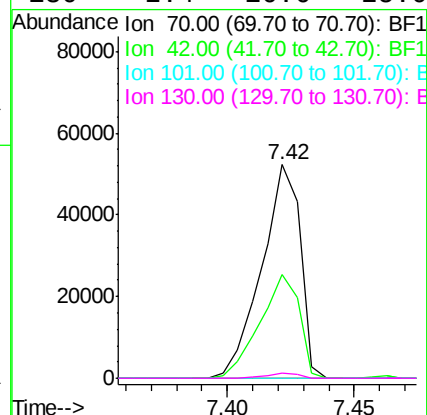
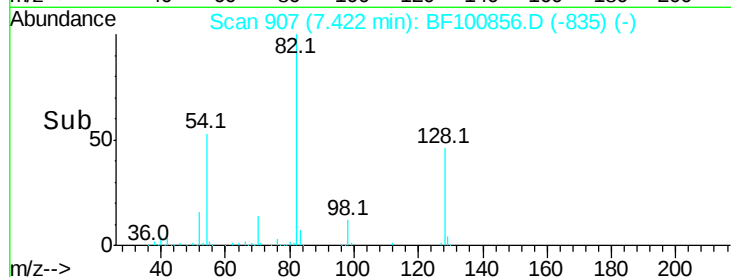
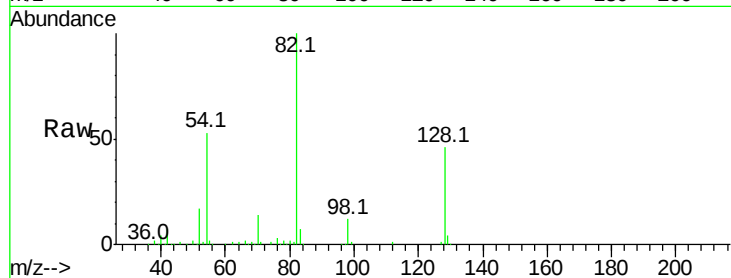
Ion Ratio Lower Upper

70 100

42 48.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

Tgt Ion:136 Resp: 297166

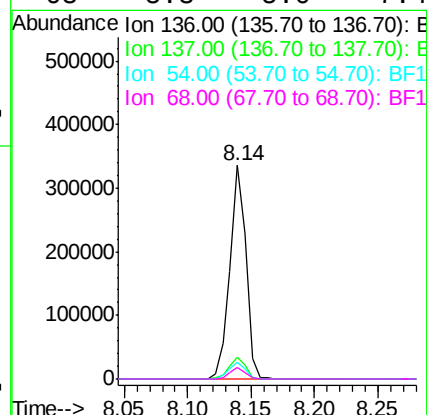
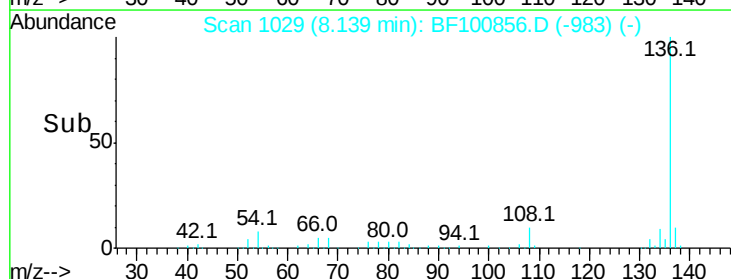
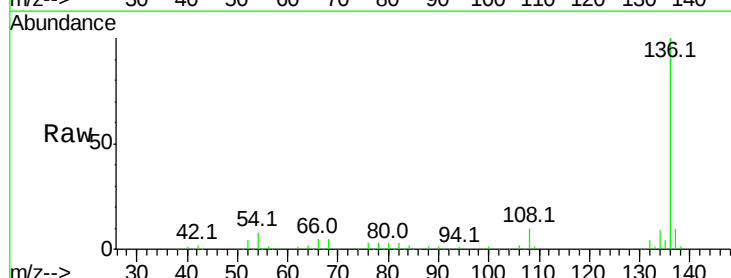
Ion Ratio Lower Upper

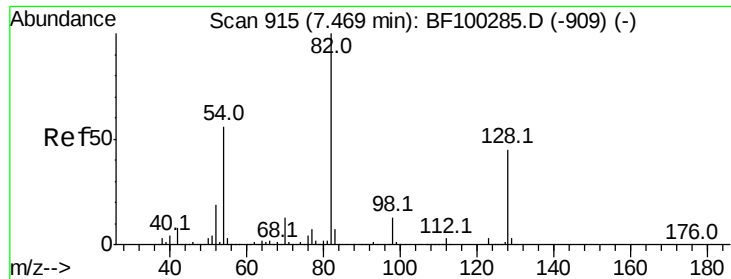
136 100

137 10.3 8.9 13.3

54 8.0 6.6 9.8

68 5.3 5.0 7.4

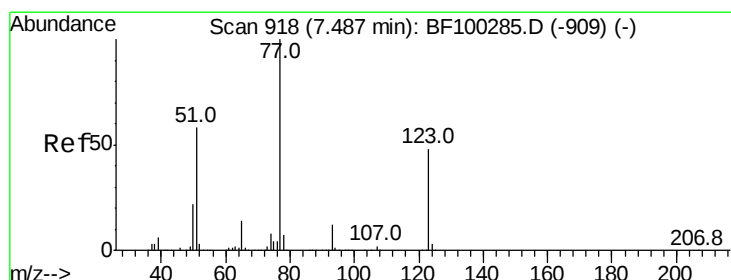
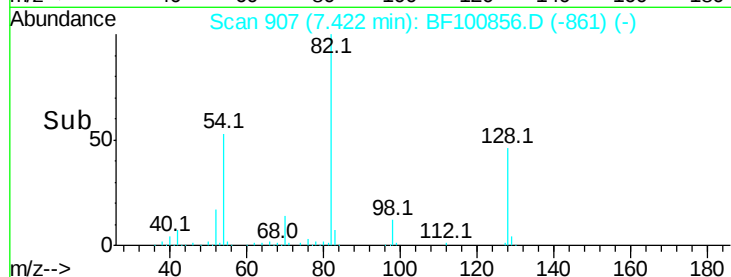
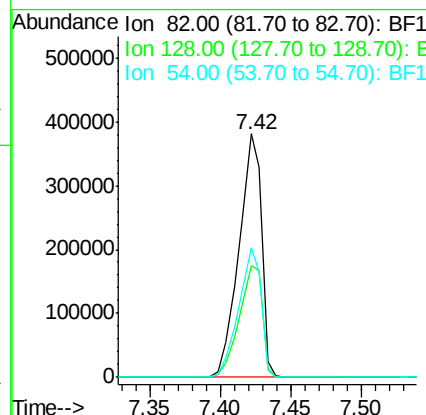
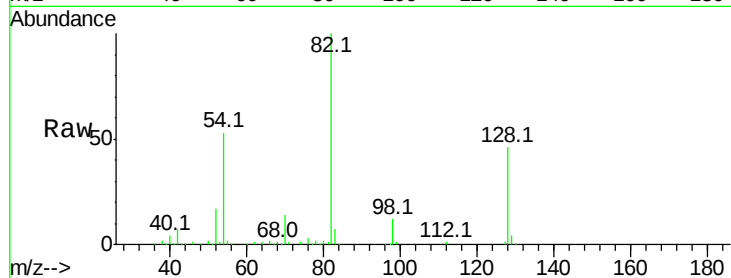




#23
Nitrobenzene-d5
Concen: 94.054 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.03 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

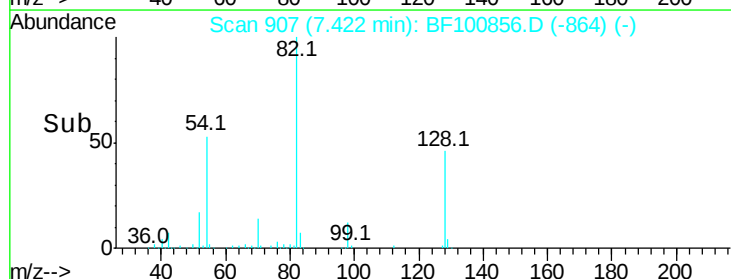
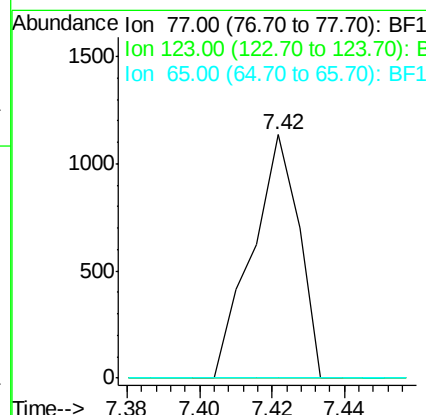
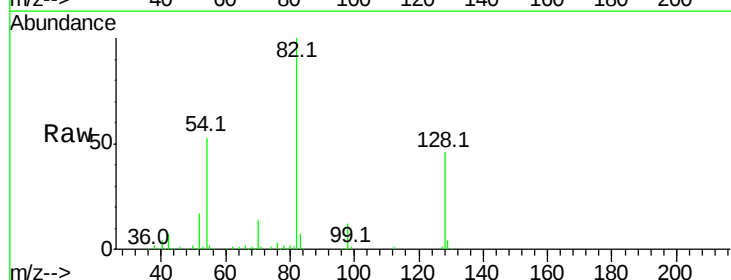
Instrument :
BNA_F
ClientSampled :

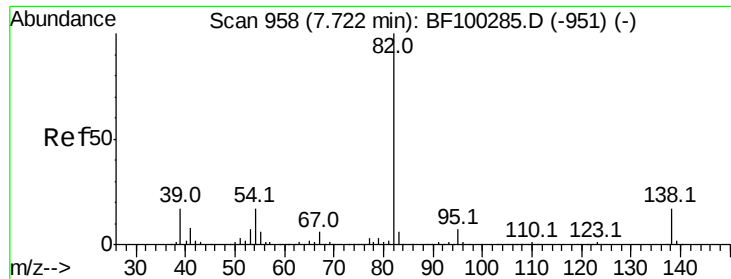
Tot Ion	82	Resp	422753
Ion Ratio	Lower	Upper	
82	100		
128	45.9	36.1	54.1
54	53.1	41.4	62.2



#24
Nitrobenzene
Concen: 0.219 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

Tgt Ion	77	Resp	1015
Ion Ratio	Lower	Upper	
77	100		
123	0.0	37.9	56.9#
65	0.0	11.0	16.4#





#25

Isophorone

Concen: 44.757 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

Instrument :

BNA_F

ClientSampleId :

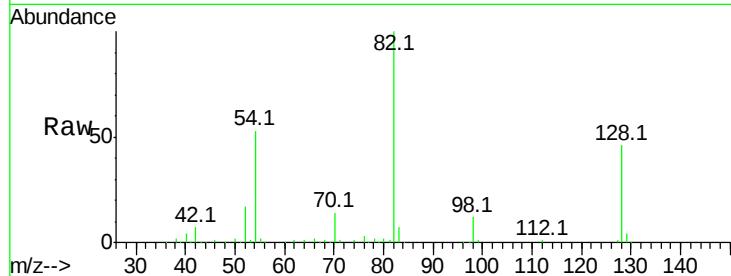
Tot Ion: 82 Resp: 422749

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

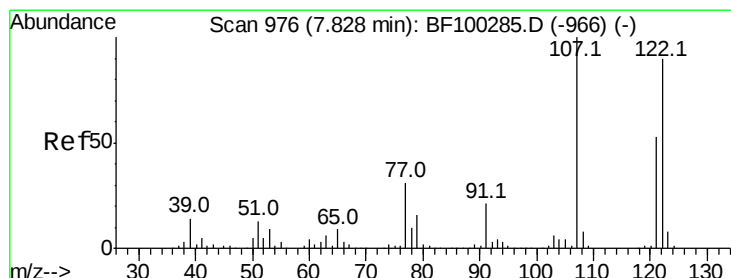
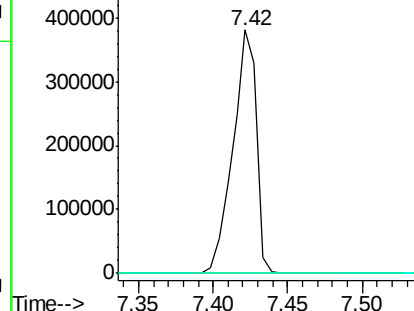
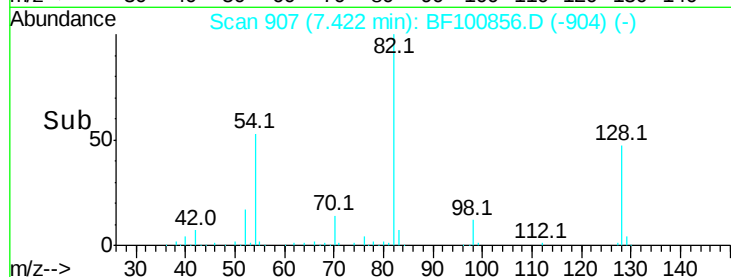
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#27

2,4-Dimethylphenol

Concen: 0.028 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.03 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

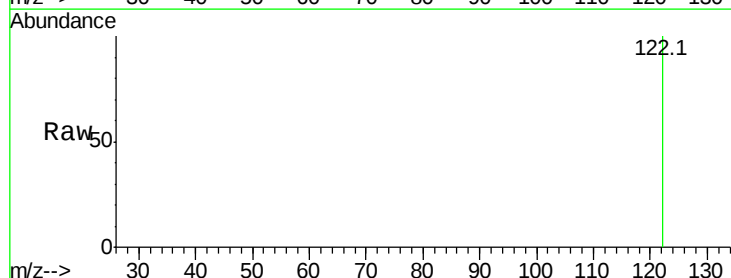
Tgt Ion:122 Resp: 117

Ion Ratio Lower Upper

122 100

107 0.0 91.2 136.8#

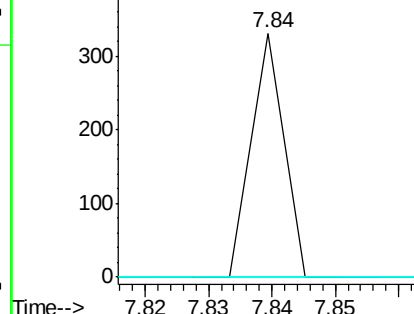
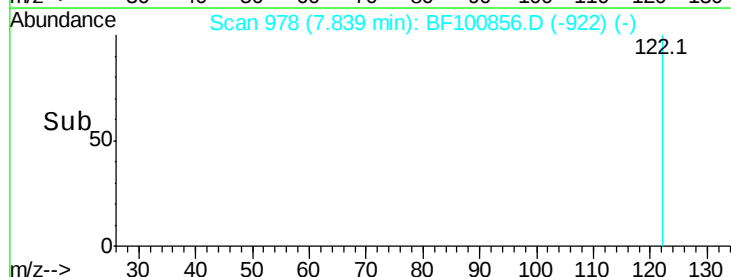
121 0.0 47.2 70.8#

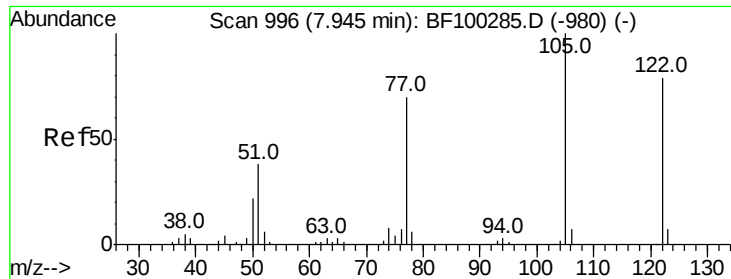


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 107.00 (106.70 to 107.70): BF1

Ion 121.00 (120.70 to 121.70): BF1

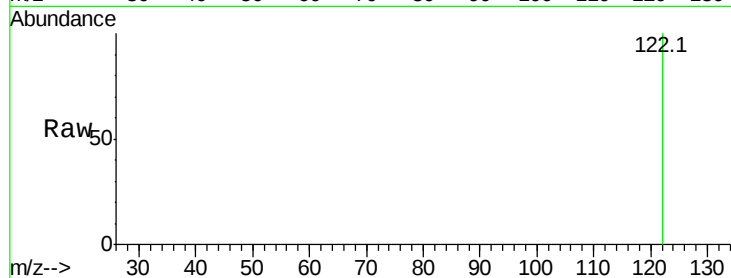




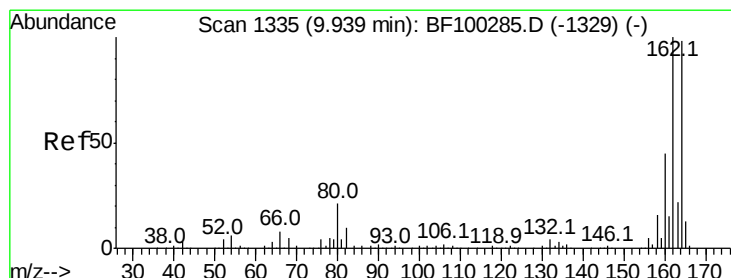
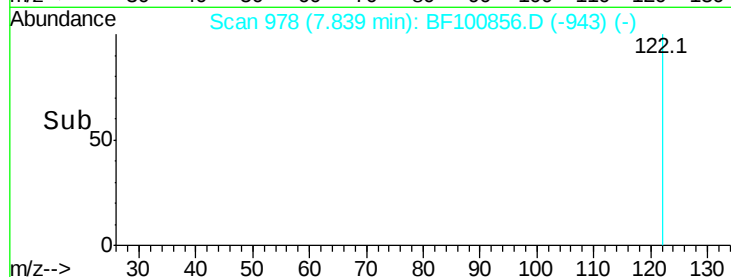
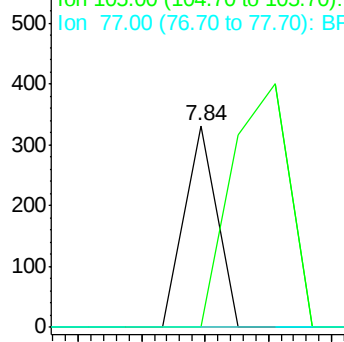
#32
Benzoic acid
Concen: 9.400 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.09 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 117
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 0.0 70.7 110.7#

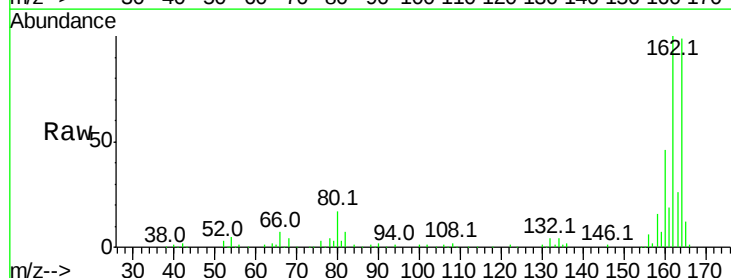


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

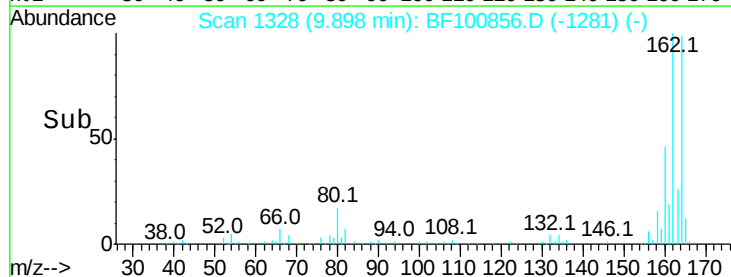
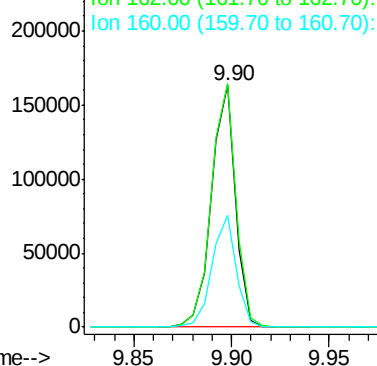


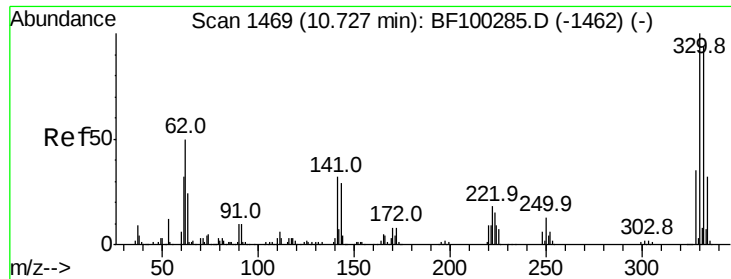
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

Tgt Ion:164 Resp: 139224
Ion Ratio Lower Upper
164 100
162 100.7 86.1 129.1
160 46.1 38.3 57.5



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





#41

2,4,6-Tribromophenol

Concen: 82.564 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

Instrument :

BNA_F

ClientSampleId :

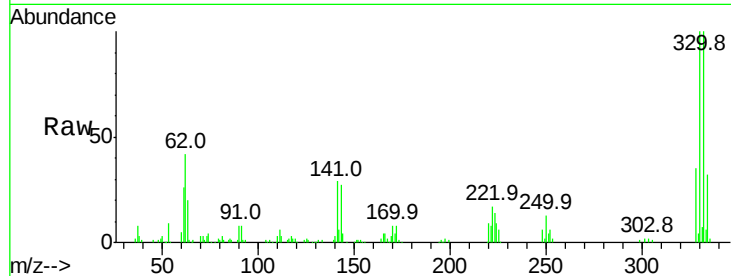
Tot Ion:330 Resp: 117133

Ion Ratio Lower Upper

330 100

332 98.6 77.0 115.6

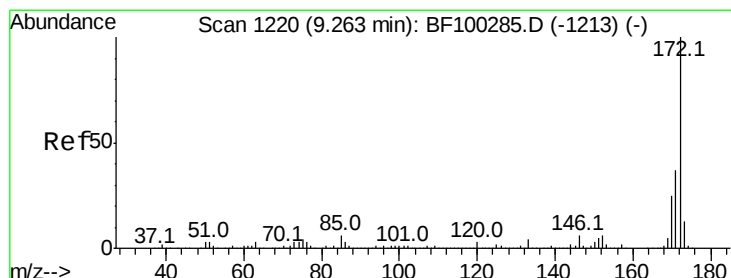
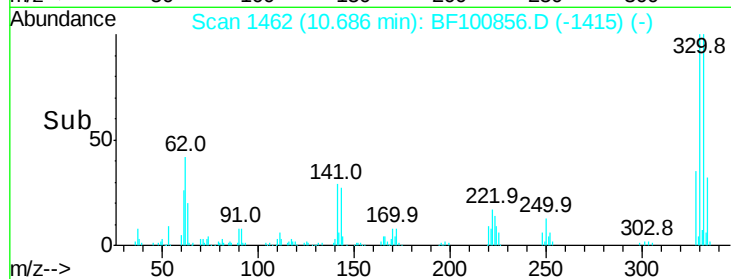
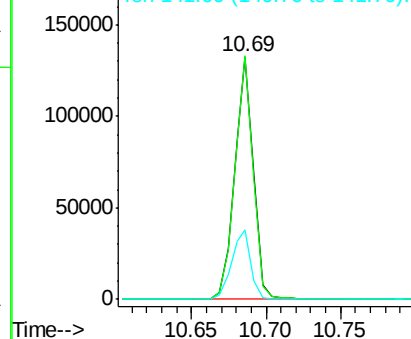
141 29.7 29.9 44.9#



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



#44

2-Fluorobiphenyl

Concen: 93.690 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

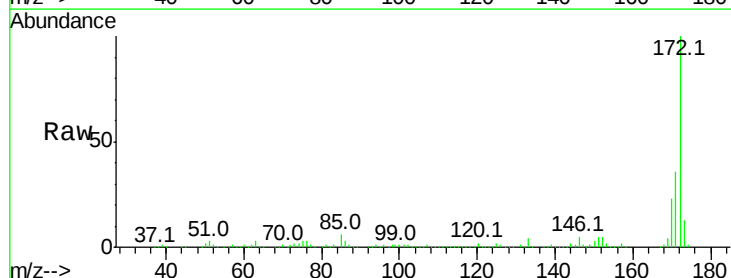
Tgt Ion:172 Resp: 856625

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

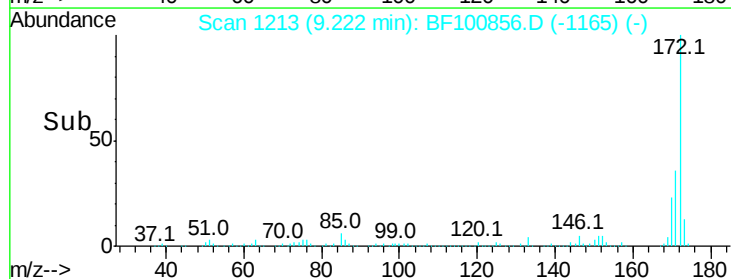
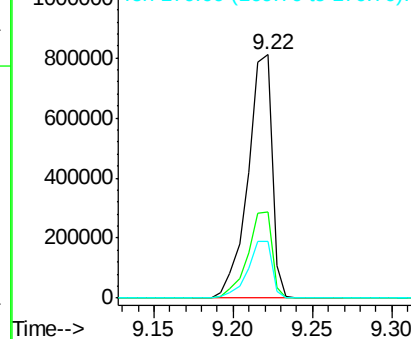
170 23.2 19.6 29.4

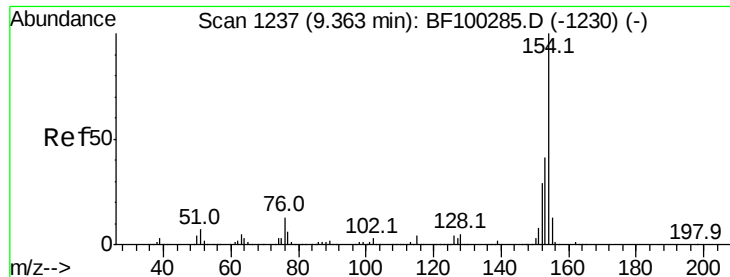


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 0.125 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.13 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

Instrument :

BNA_F

ClientSampleId :

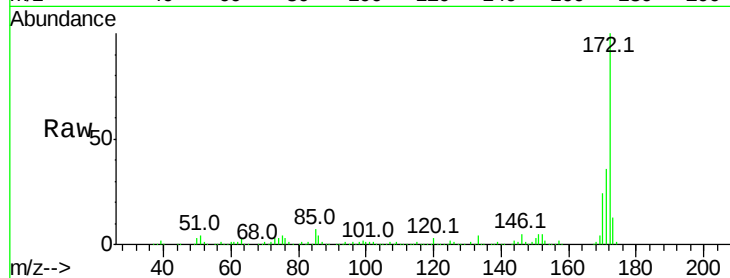
Tot Ion:154 Resp: 1504

Ion Ratio Lower Upper

154 100

153 788.0 21.3 61.3#

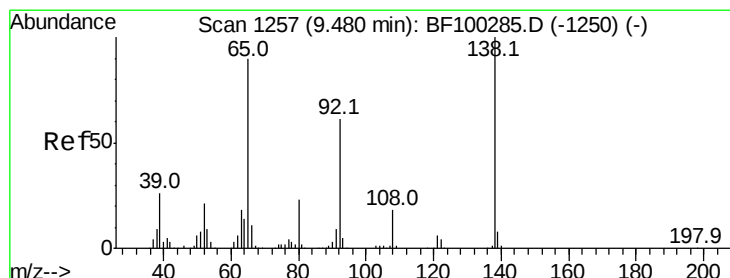
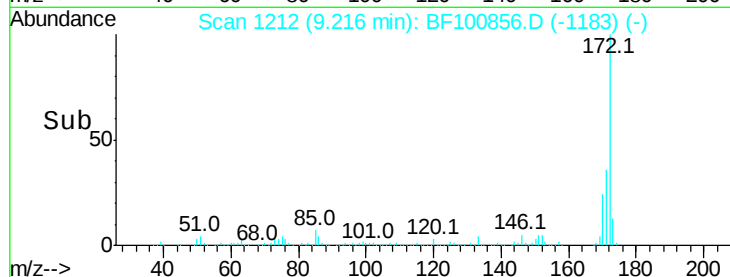
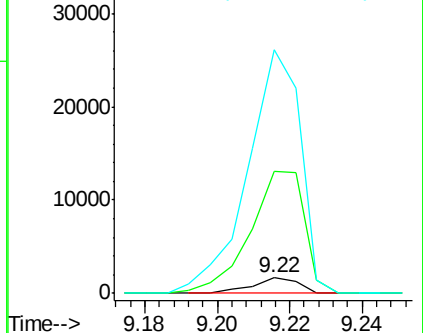
76 1577.3 0.0 34.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47

2-Nitroaniline

Concen: 3.211 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.25 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

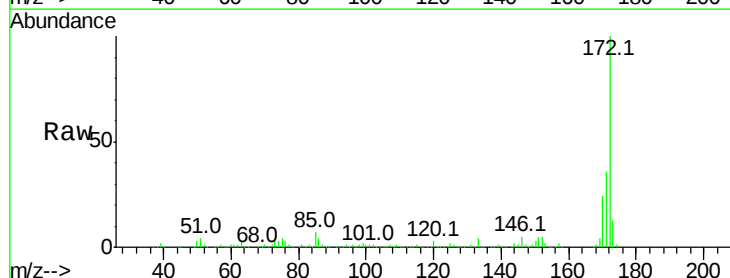
Tgt Ion: 65 Resp: 1169

Ion Ratio Lower Upper

65 100

92 204.6 55.8 83.6#

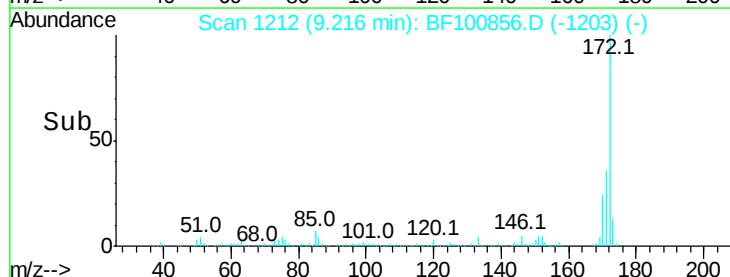
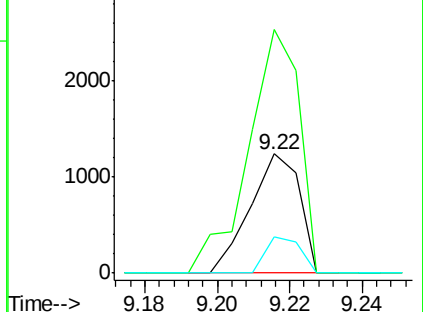
138 30.1 91.2 136.8#

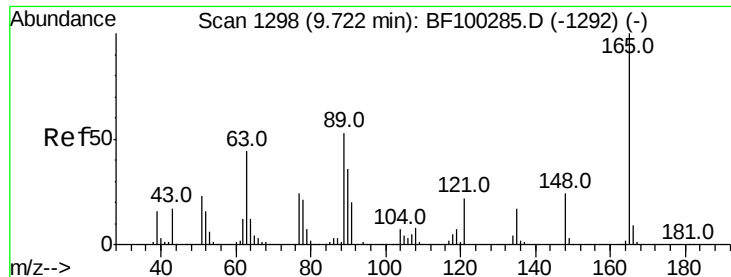


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#50

2,6-Dinitrotoluene

Concen: 8.311 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.19 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

Instrument :

BNA_F

ClientSampled :

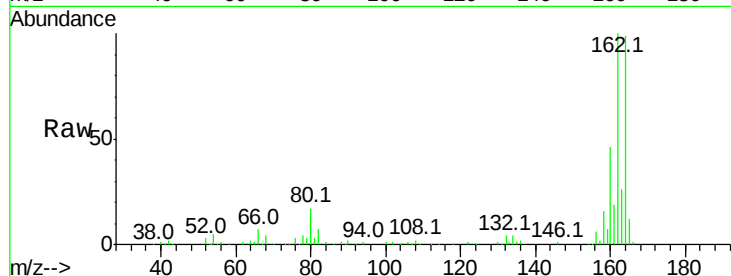
Tot Ion:165 Resp: 17487

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

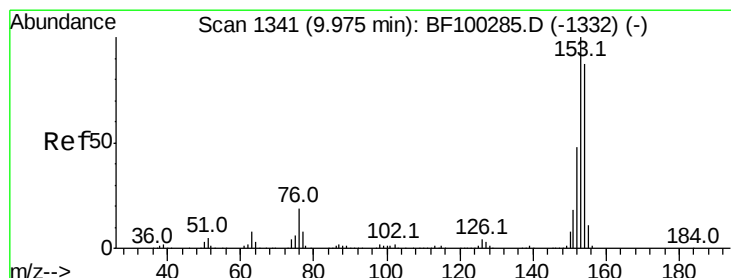
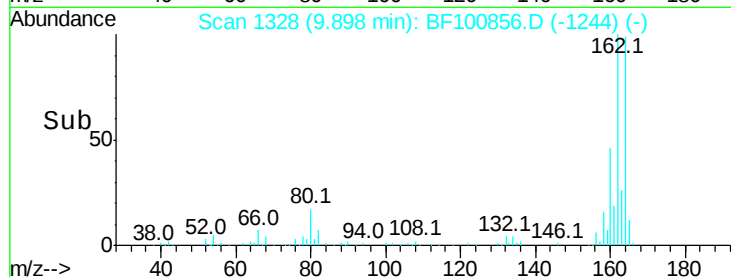
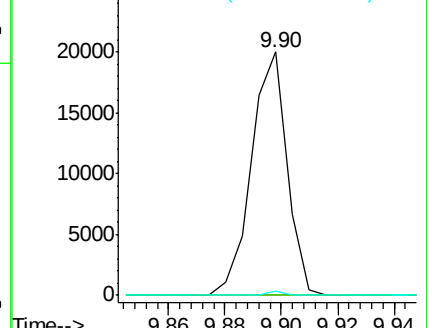
89 1.6 44.0 66.0#



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: 0.048 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.06 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

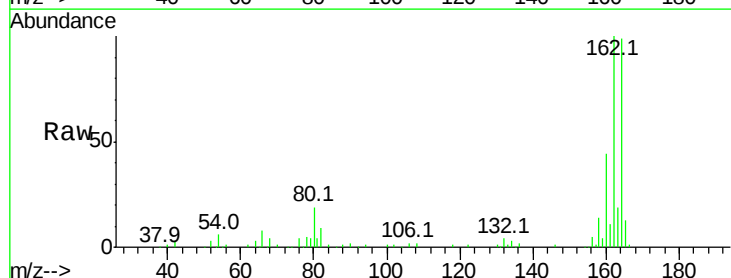
Tgt Ion:154 Resp: 423

Ion Ratio Lower Upper

154 100

153 0.0 91.2 136.8#

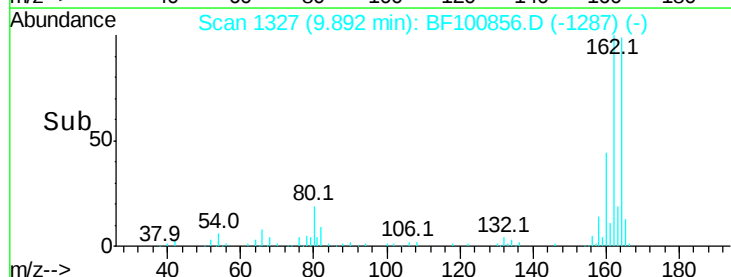
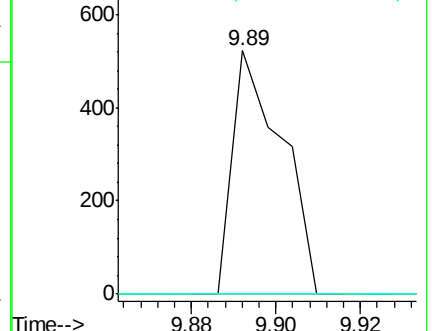
152 0.0 43.8 65.8#

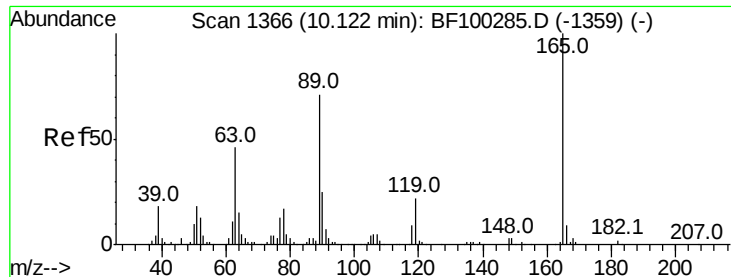


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

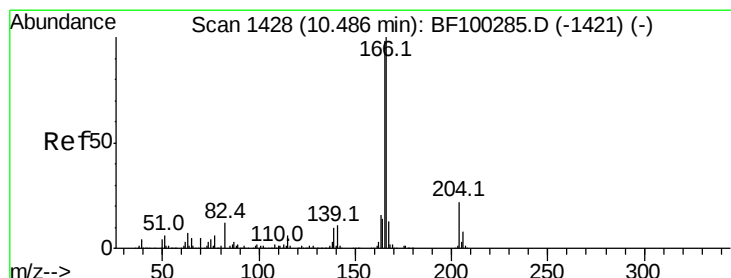
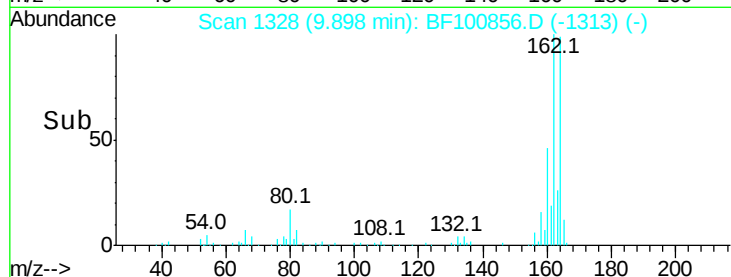
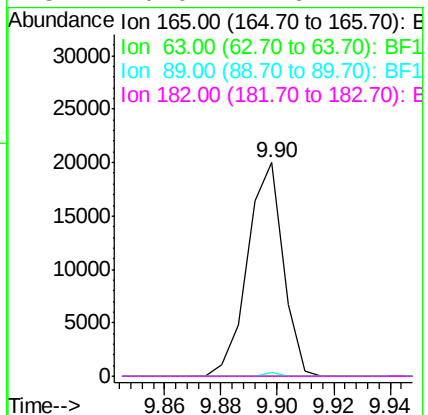
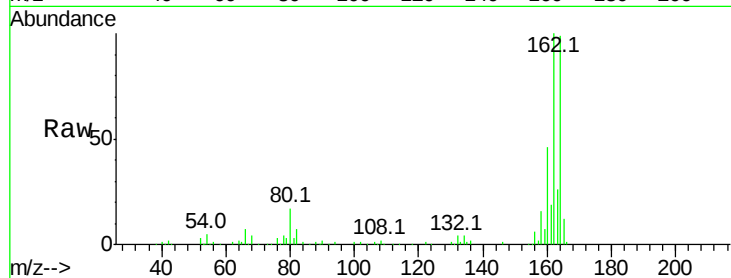




#56
2,4-Dinitrotoluene
Concen: 6.588 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.21 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

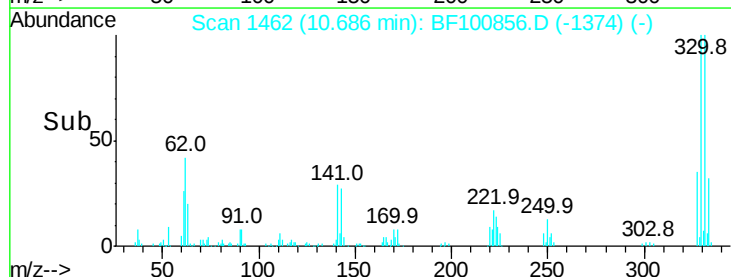
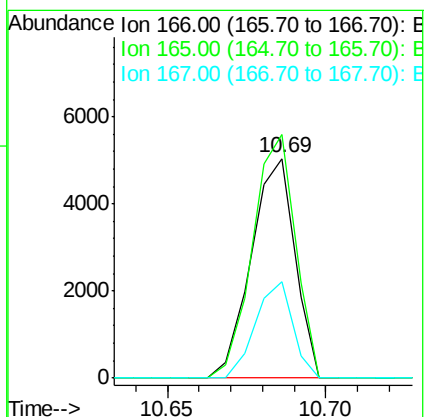
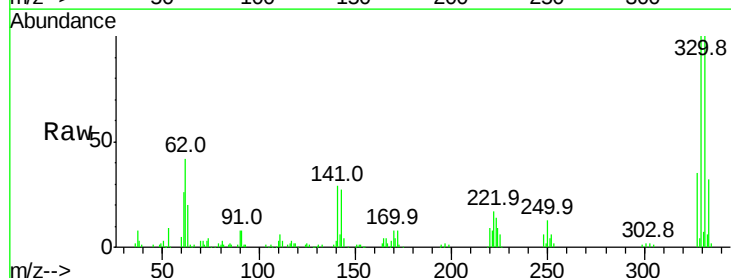
Instrument :
BNA_F
ClientSampleId :

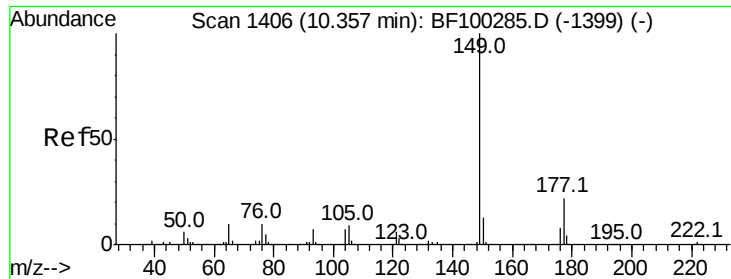
Tot Ion:	165	Resp:	17487
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 0.535 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.22 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

Tgt Ion:	166	Resp:	4835
Ion	Ratio	Lower	Upper
166	100		
165	111.0	79.8	119.8
167	44.1	10.6	16.0#

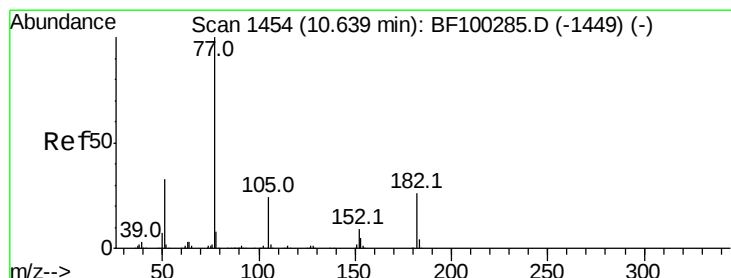
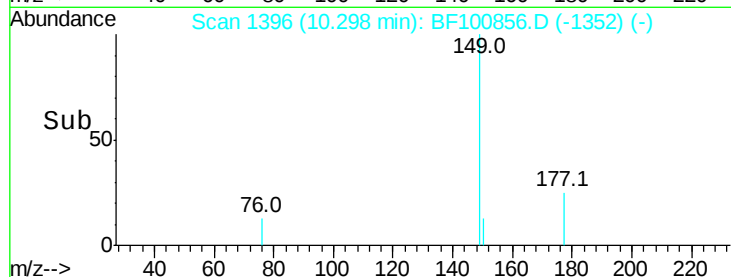
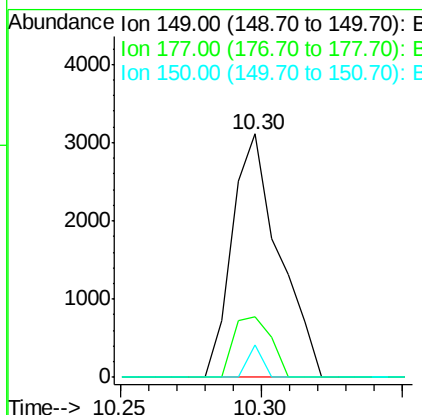
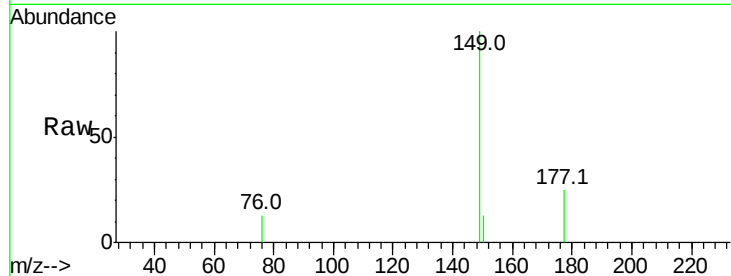




#59
Diethylphthalate
Concen: 0.336 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.04 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

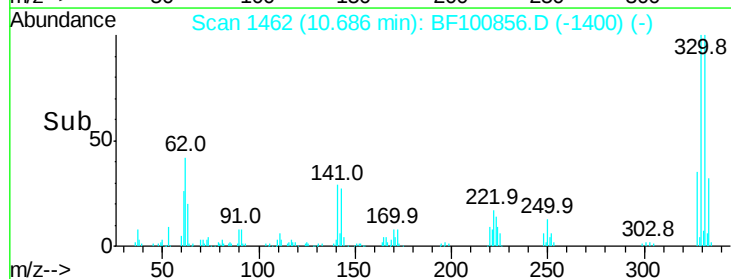
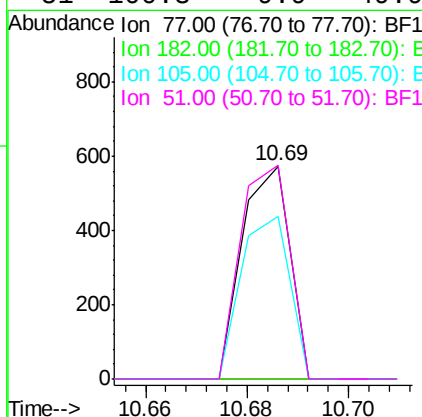
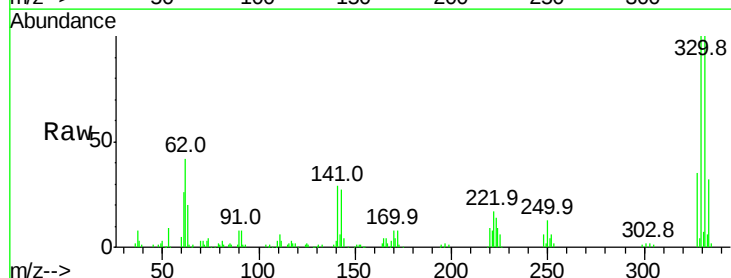
Instrument :
BNA_F
ClientSampleId :

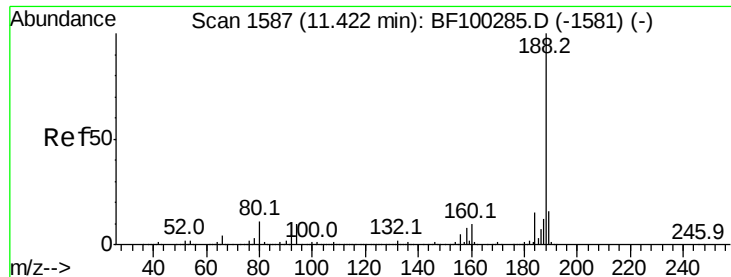
Tot Ion:149 Resp: 3574
Ion Ratio Lower Upper
149 100
177 25.0 16.1 24.1#
150 13.1 10.1 15.1



#62
Azobenzene
Concen: 0.037 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.06 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

Tgt Ion: 77 Resp: 372
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 76.3 3.0 43.0#
51 100.3 9.9 49.9#

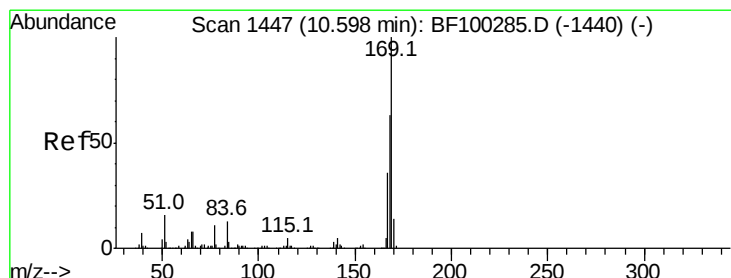
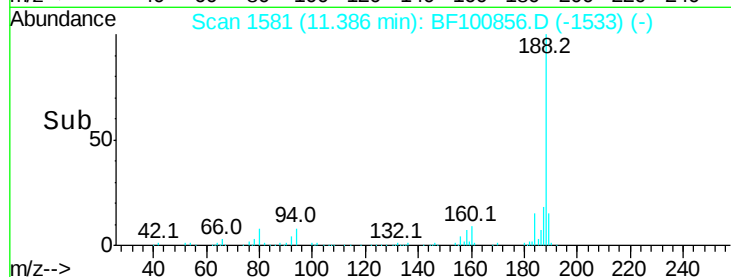
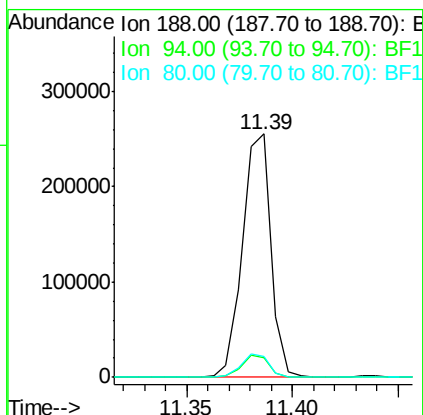
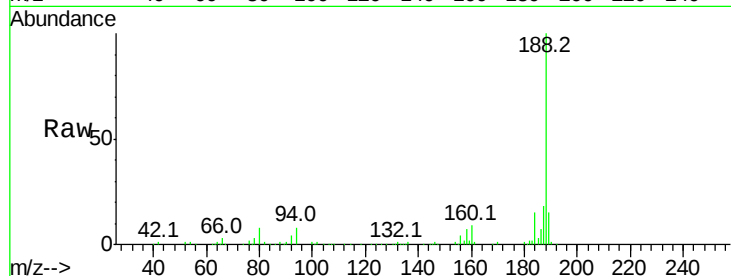




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

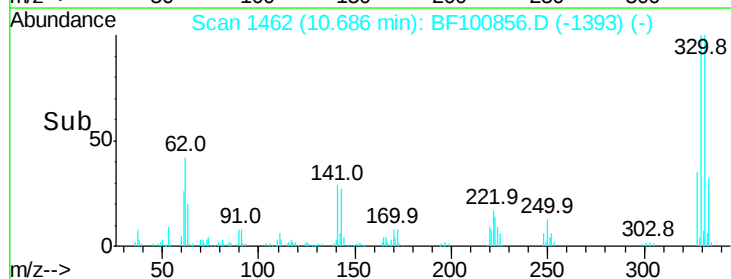
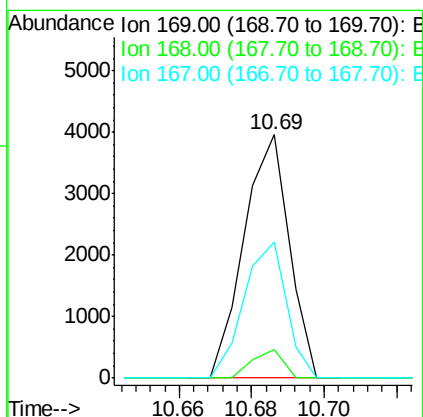
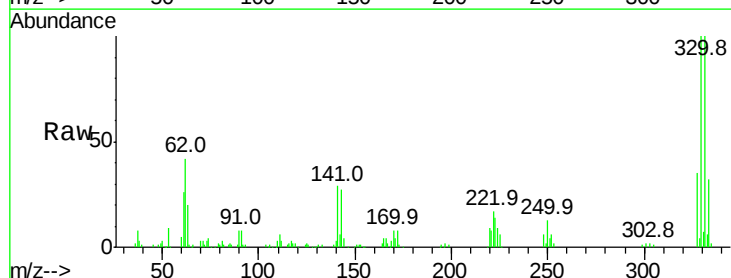
Instrument :
BNA_F
ClientSampleId :

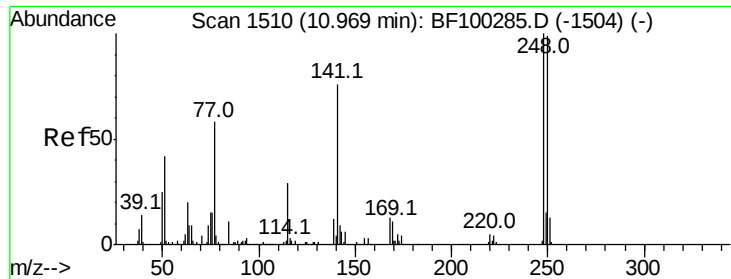
Tot Ion:188 Resp: 238655
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.4 9.2 13.8#



#65
n-Nitrosodiphenylamine
Concen: 0.412 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.11 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

Tgt Ion:169 Resp: 3415
Ion Ratio Lower Upper
169 100
168 11.5 54.4 81.6#
167 56.2 29.8 44.6#

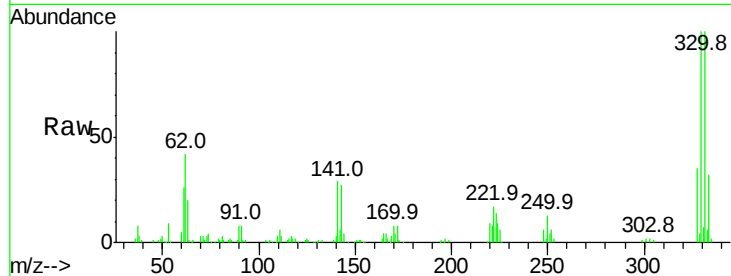




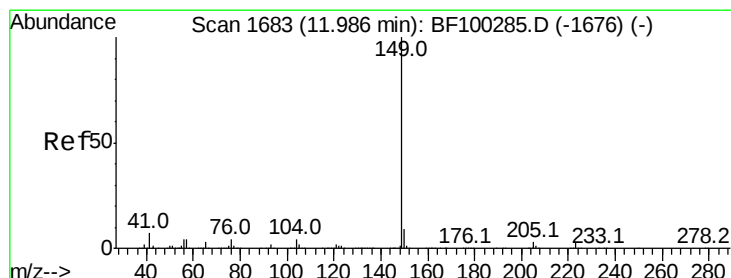
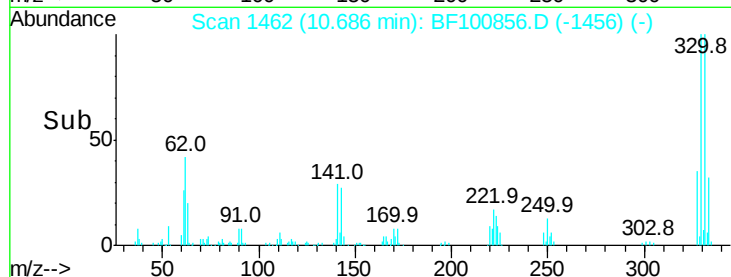
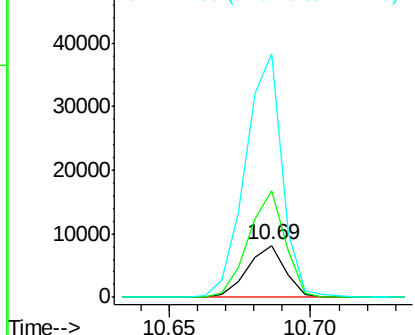
#66
 4-Bromophenyl-phenylether
 Concen: 2.925 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.26 min
 Lab File: BF100856.D
 Acq: 23 Nov 2017 6:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 7484
 Ion Ratio Lower Upper
 248 100
 250 205.3 76.9 115.3#
 141 467.1 74.4 111.6#

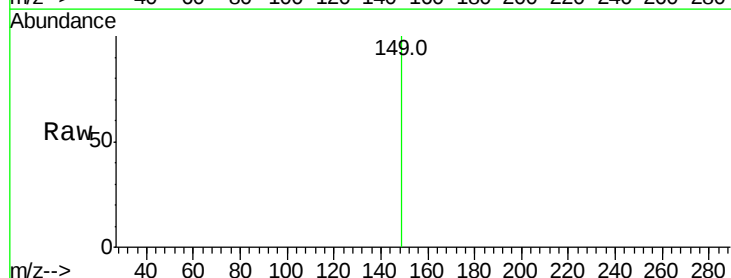


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

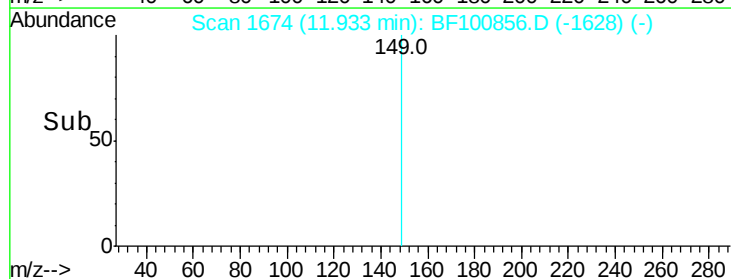
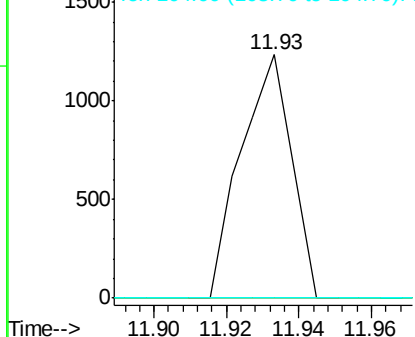


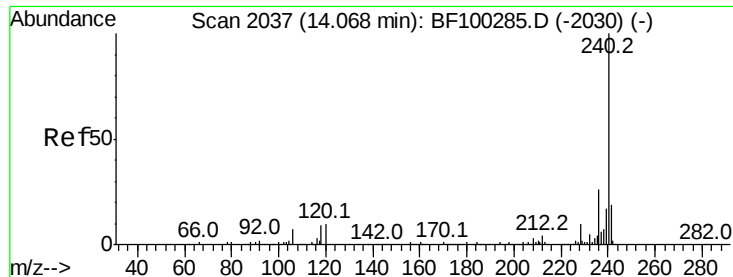
#73
 Di-n-butylphthalate
 Concen: 0.086 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.03 min
 Lab File: BF100856.D
 Acq: 23 Nov 2017 6:42

Tgt Ion:149 Resp: 1190
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.8 11.6#
 104 0.0 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

Instrument :

BNA_F

ClientSampled :

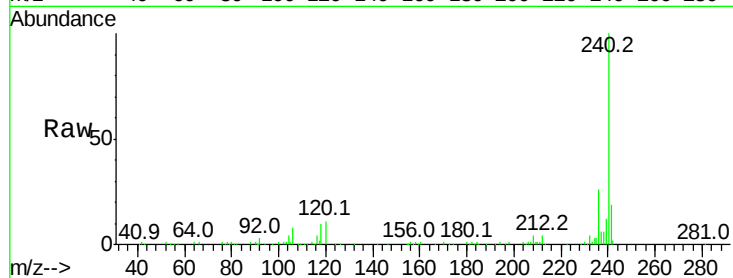
Tot Ion:240 Resp: 150394

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

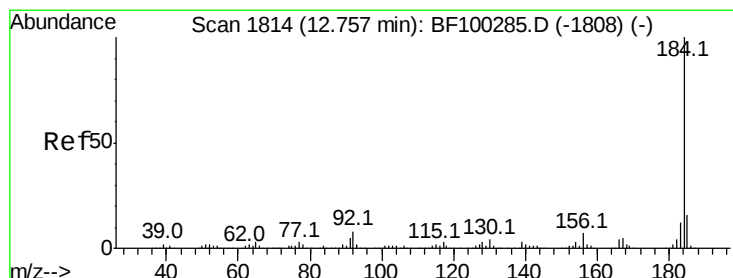
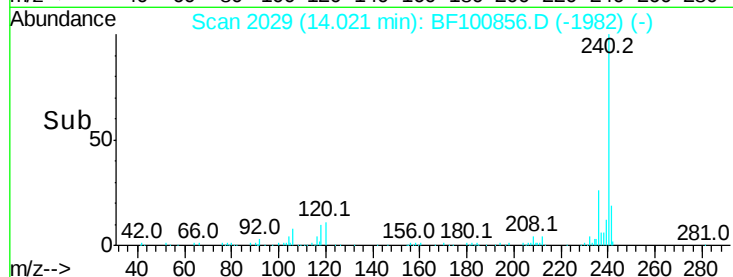
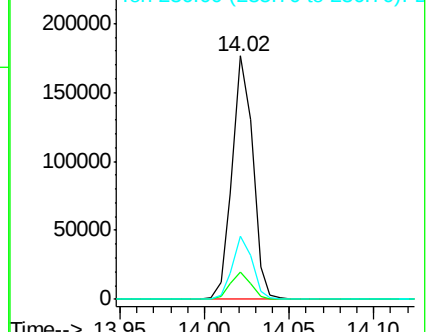
236 25.8 20.7 31.1



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: 0.124 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

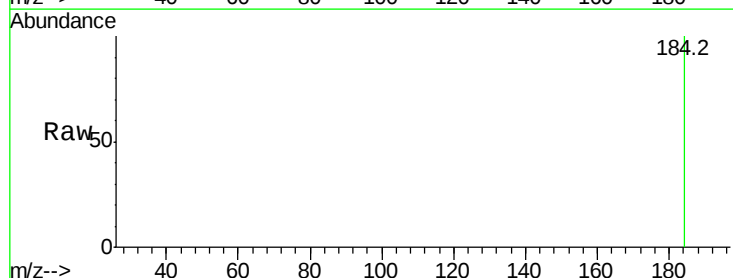
Tgt Ion:184 Resp: 744

Ion Ratio Lower Upper

184 100

185 0.0 12.6 18.8#

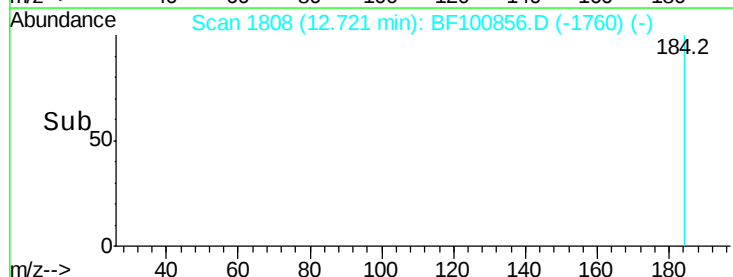
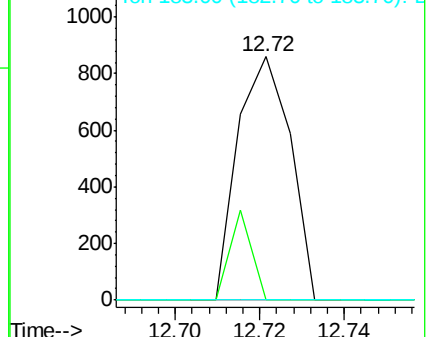
183 0.0 9.3 13.9#

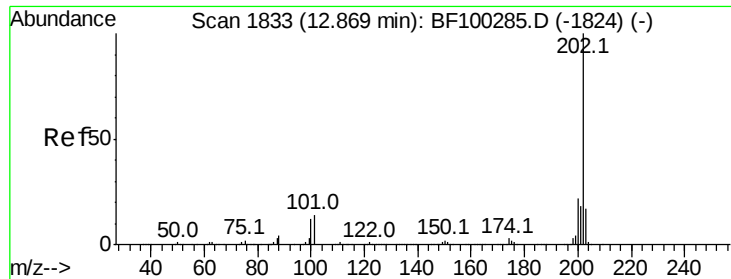


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

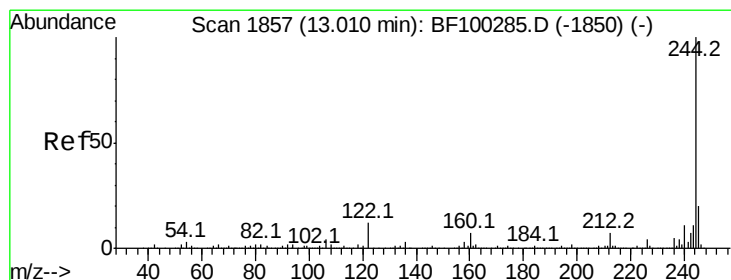
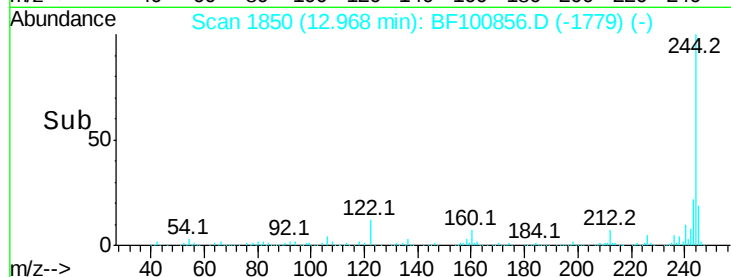
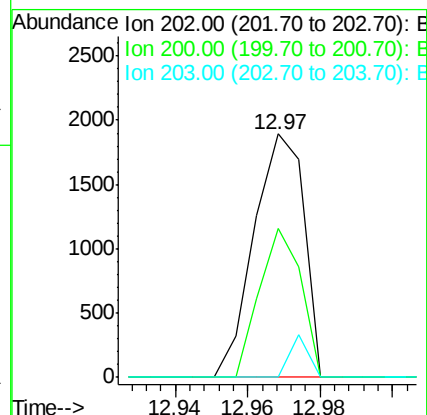
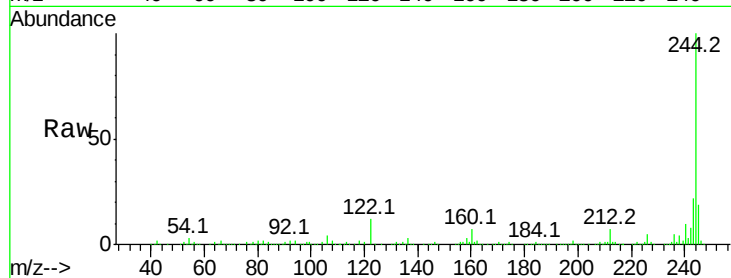




#77
Pvrene
Concen: 0.170 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.12 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

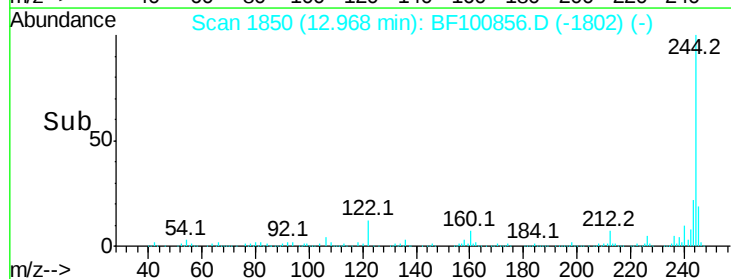
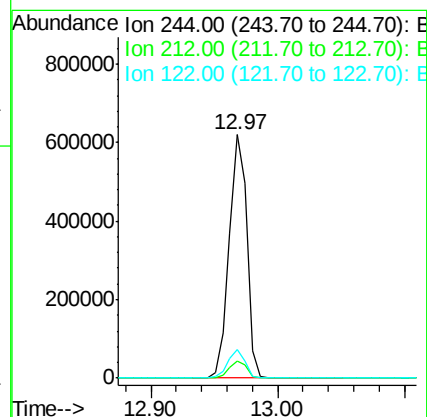
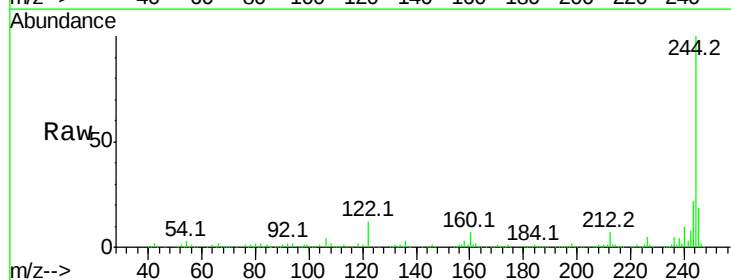
Instrument :
BNA_F
ClientSampleId :

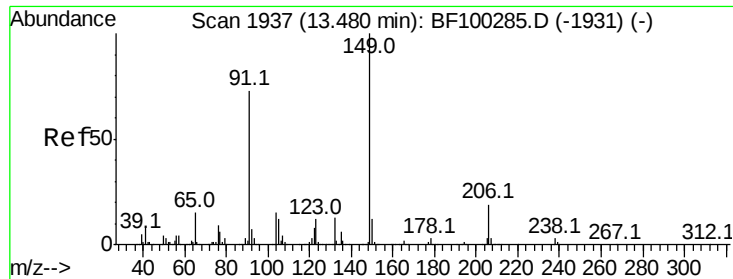
Tot Ion:202 Resp: 1825
Ion Ratio Lower Upper
202 100
200 61.4 17.4 26.2#
203 0.0 14.3 21.5#



#78
Terphenyl-d14
Concen: 91.607 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.02 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

Tgt Ion:244 Resp: 599607
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 11.7 11.0 16.4

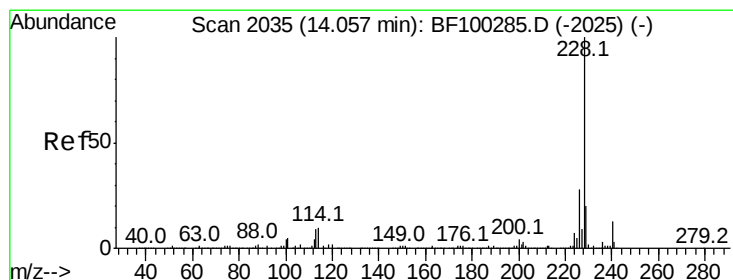
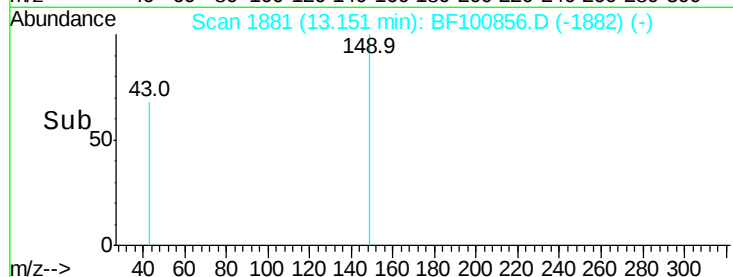
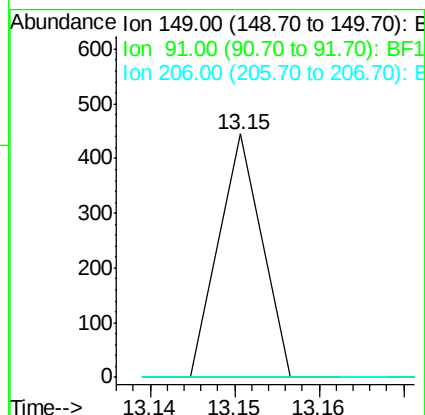
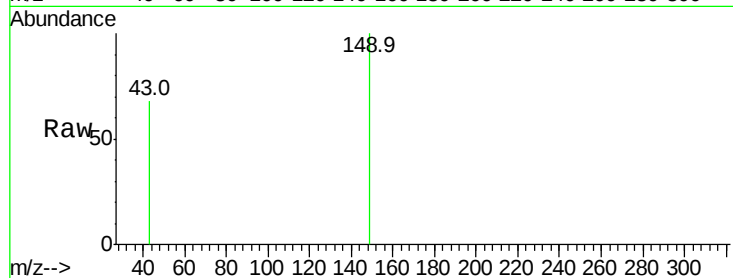




#79
Butylbenzylphthalate
Concen: 0.036 ng
RT: 13.15 min Scan# 1881
Delta R.T. -0.31 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

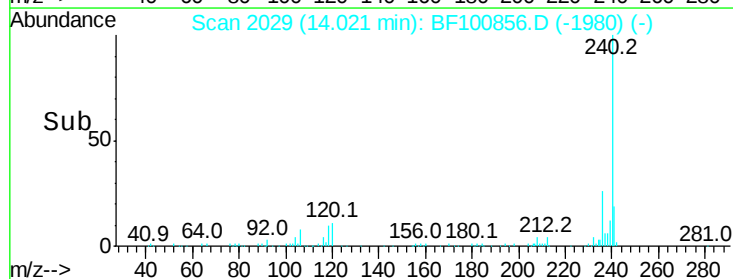
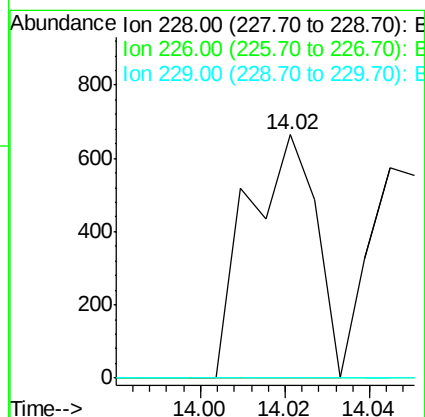
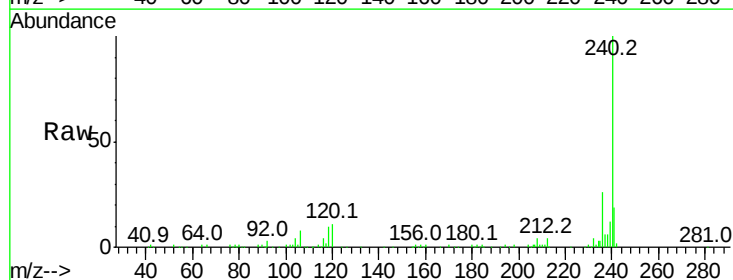
Instrument :
BNA_F
ClientSampleId :

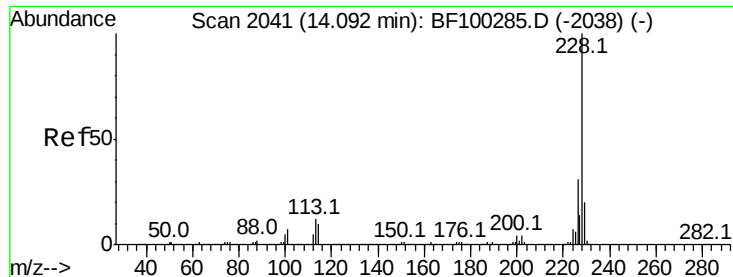
Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	56.8	85.2#
206	0.0	14.1	21.1#



#80
Benzo(a)anthracene
Concen: 0.082 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	0.0	15.8	23.6#





#82

Chrysene

Concen: 0.058 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

Instrument :

BNA_F

ClientSampleId :

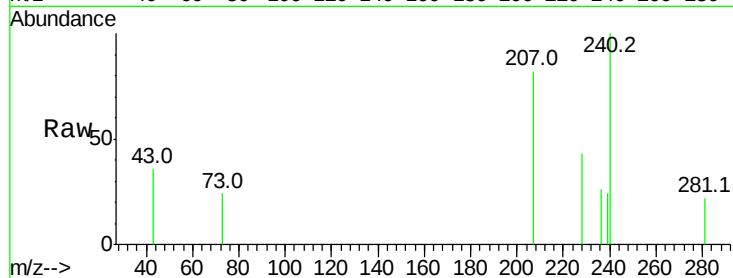
Tot Ion:228 Resp: 513

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

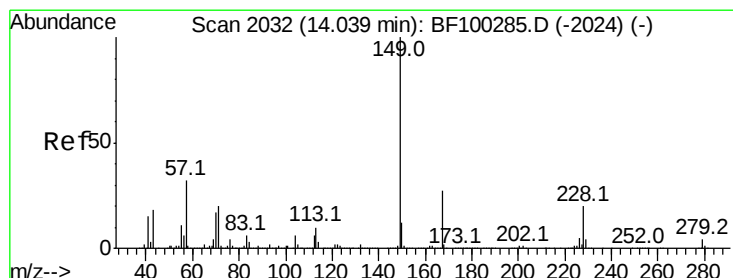
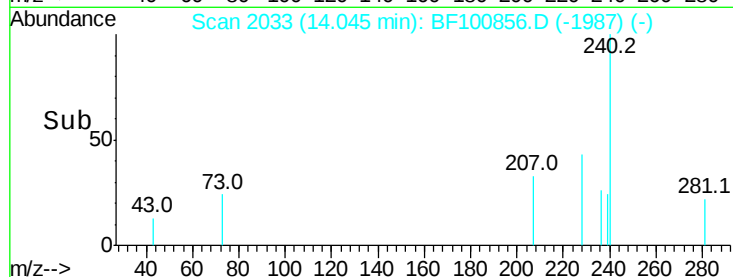
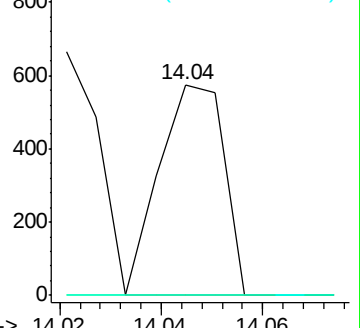
229 0.0 16.2 24.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.100 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

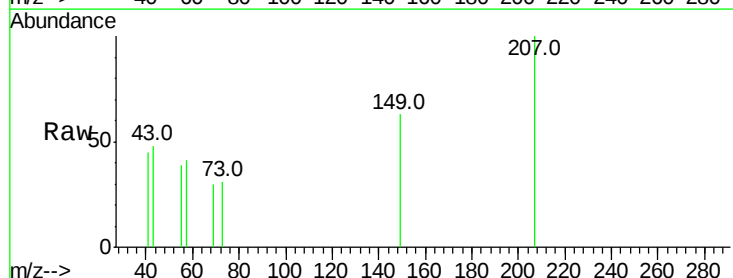
Tgt Ion:149 Resp: 575

Ion Ratio Lower Upper

149 100

167 0.0 21.3 31.9#

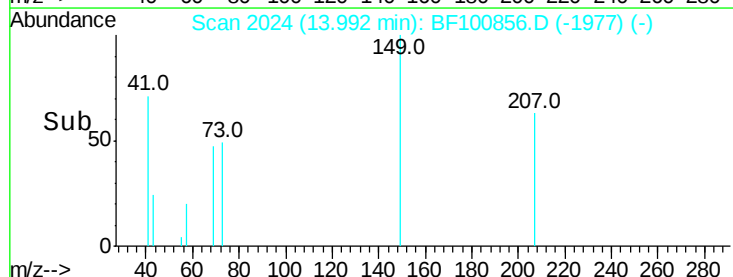
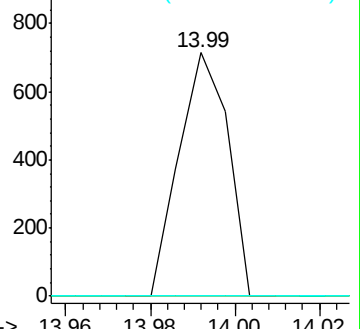
279 0.0 3.0 4.4#

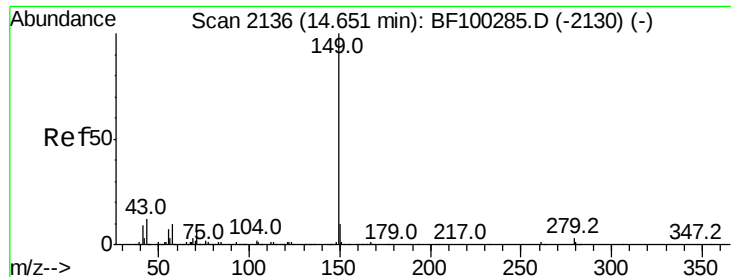


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

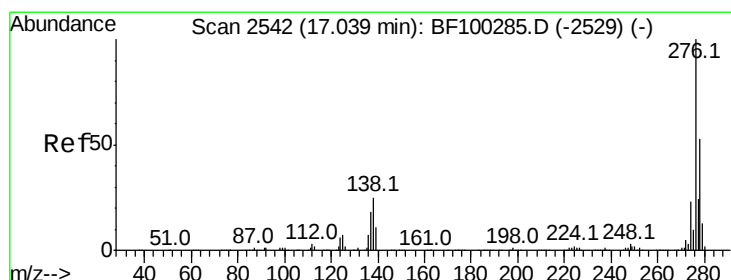
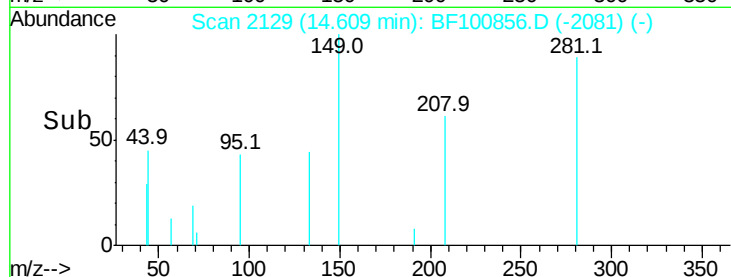
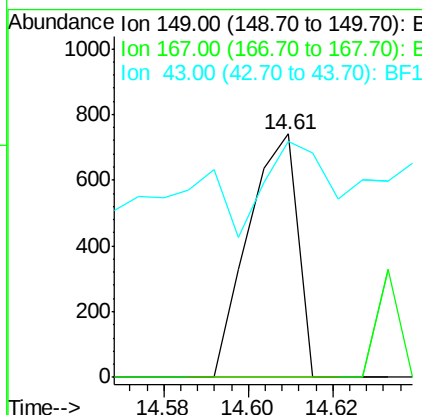
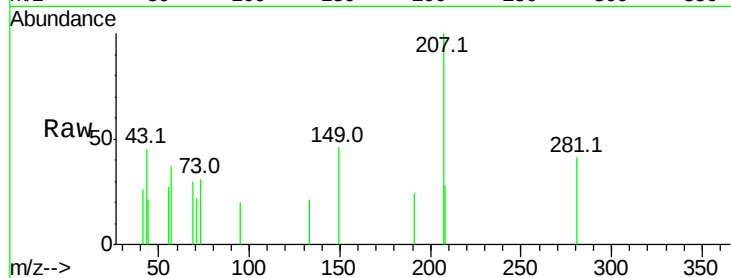




#84
Di-n-octyl phthalate
Concen: 0.061 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

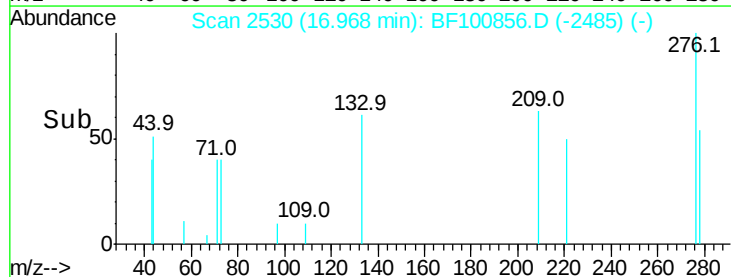
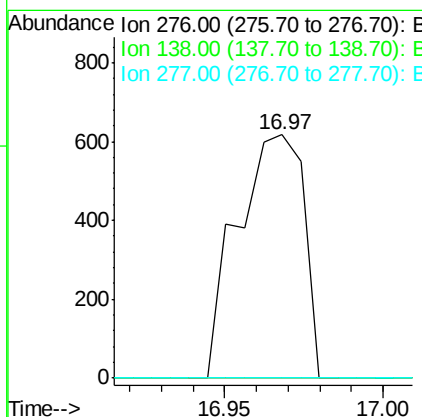
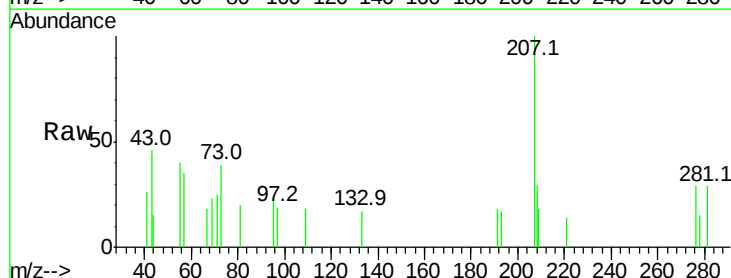
Instrument :
BNA_F
ClientSampled :

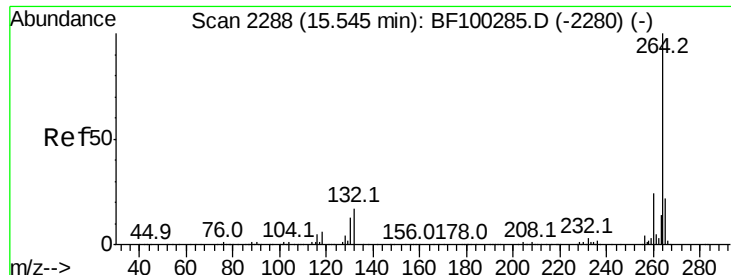
Tot Ion:149 Resp: 602
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 48.8 8.4 12.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.126 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.04 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

Tgt Ion:276 Resp: 895
Ion Ratio Lower Upper
276 100
138 0.0 25.0 37.6#
277 0.0 20.1 30.1#



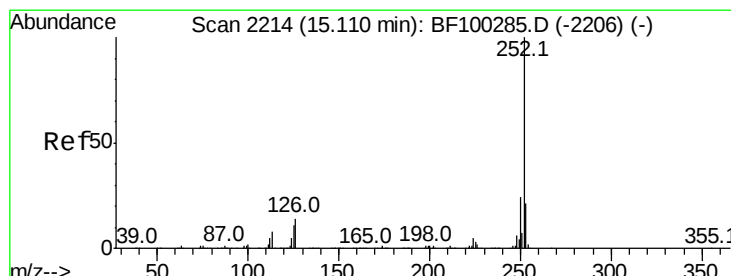
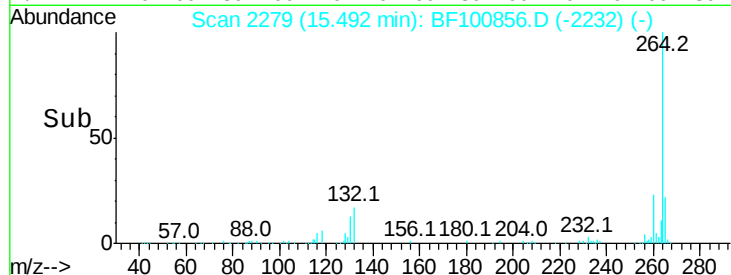
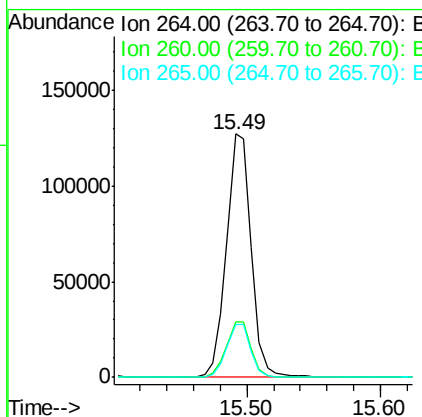
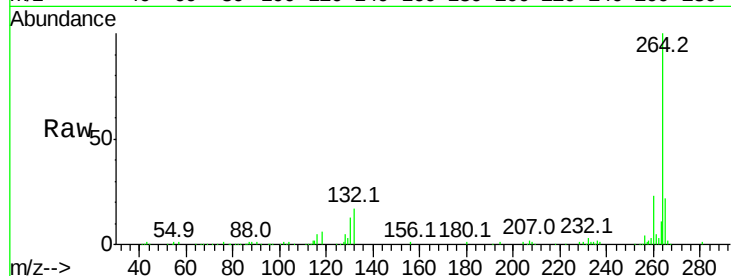


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 166249

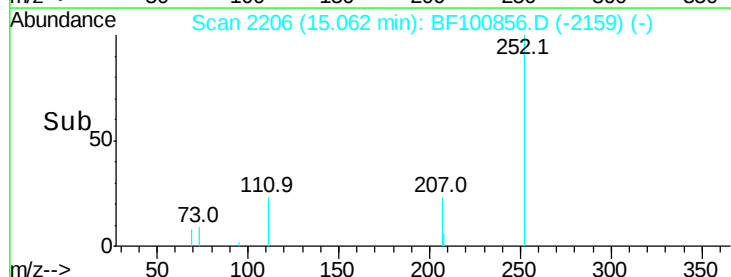
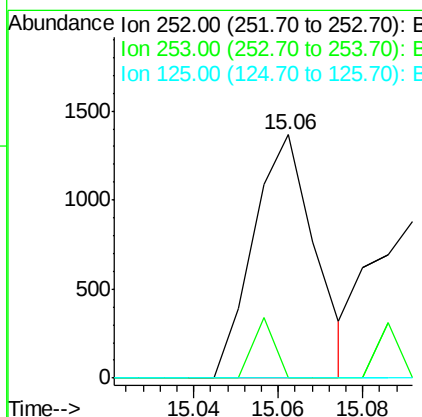
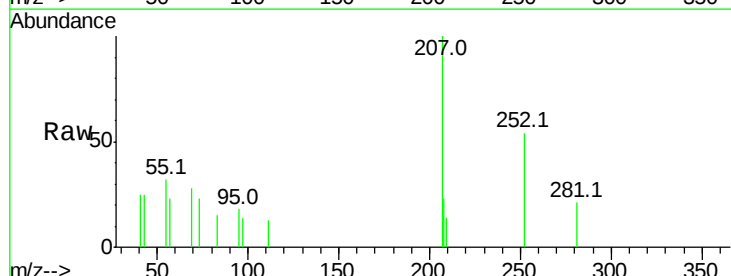
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.9	17.5	26.3

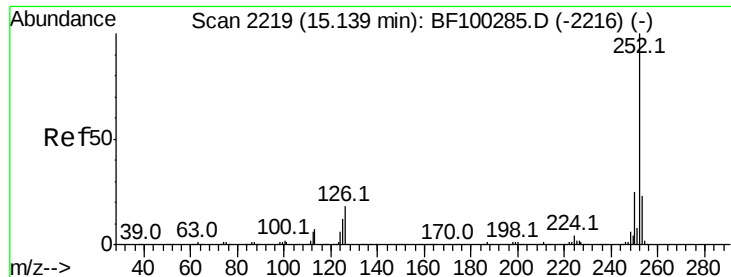


#87
Benzo(b)fluoranthene
Concen: 0.141 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

Tgt Ion:252 Resp: 1386

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.0	25.6#
125	0.0	9.0	13.6#





#88

Benzo(k)fluoranthene

Concen: 0.104 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.02 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

Instrument :

BNA_F

ClientSampled :

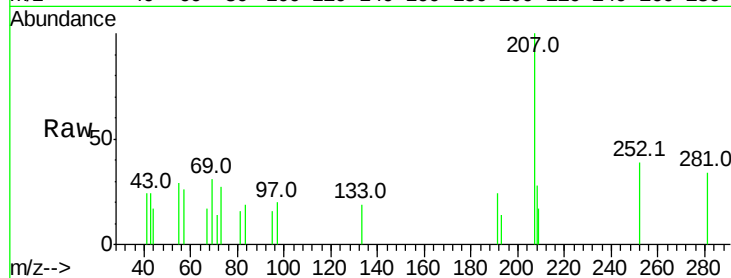
Tot Ion:252 Resp: 965

Ion Ratio Lower Upper

252 100

253 0.0 17.9 26.9#

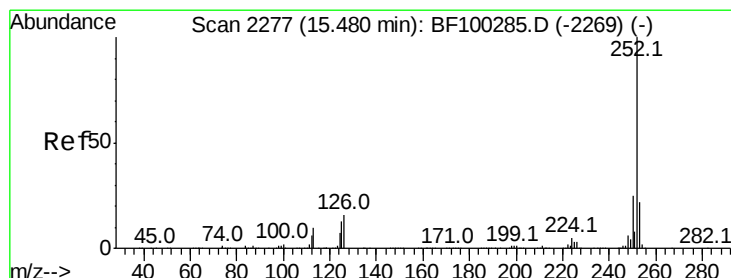
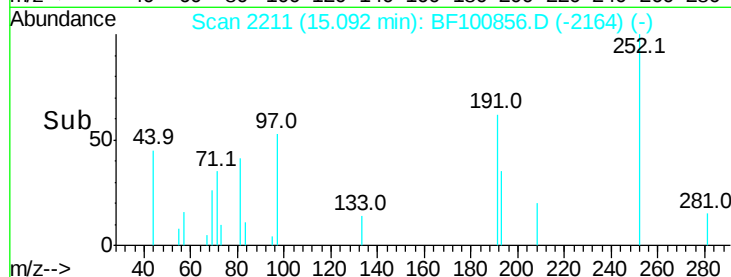
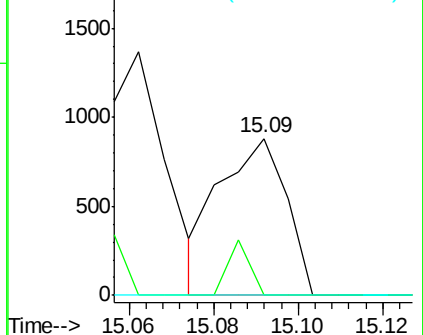
125 0.0 10.2 15.2#



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: 0.013 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.03 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

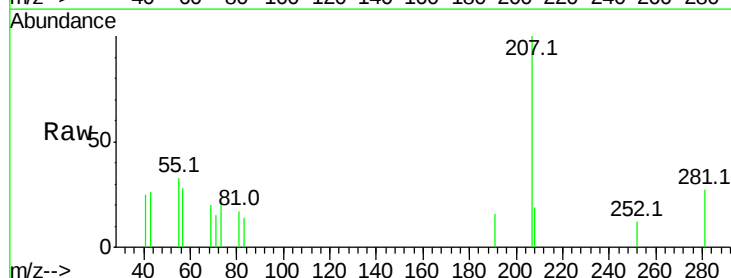
Tgt Ion:252 Resp: 113

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

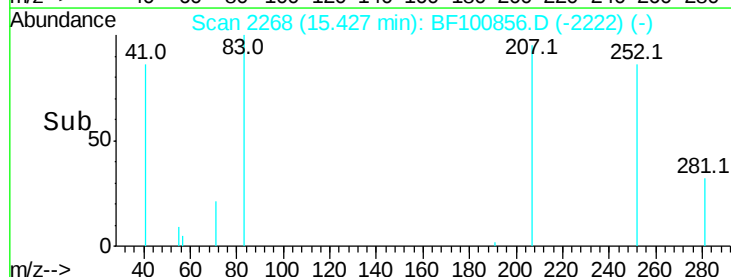
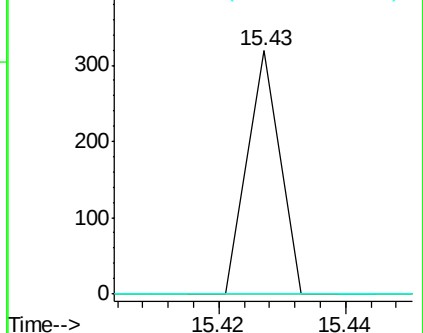
125 0.0 9.8 14.6#

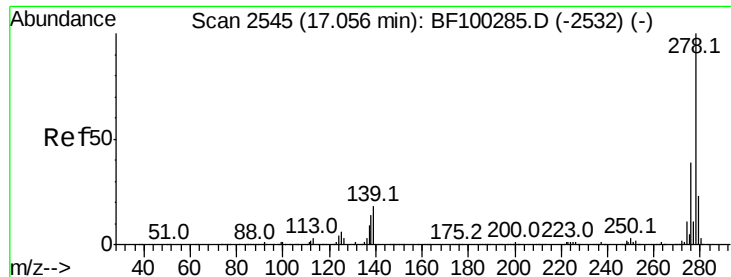


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.057 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.05 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

Instrument :

BNA_F

ClientSampleId :

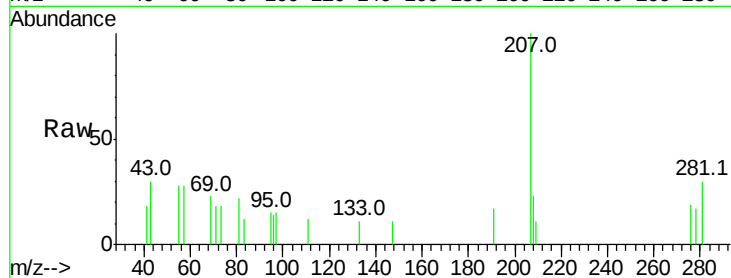
Tot Ion:278 Resp: 407

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

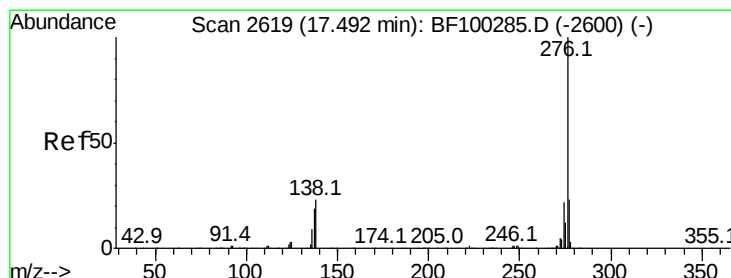
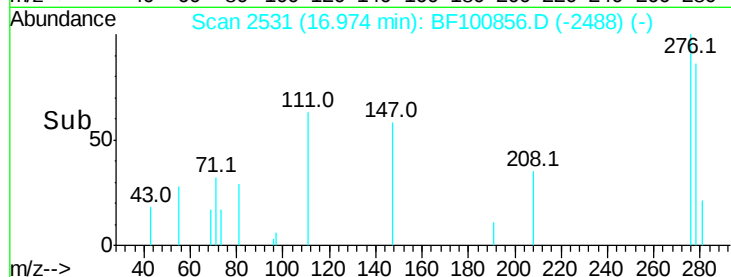
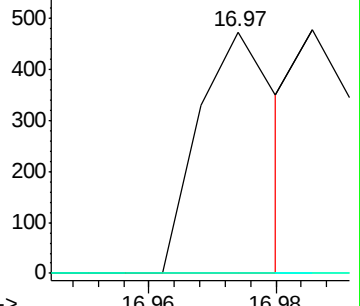
279 0.0 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.063 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.05 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

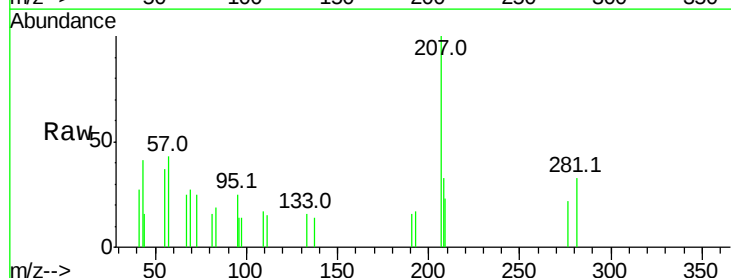
Tgt Ion:276 Resp: 439

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 0.0 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

