

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100870.D
 Acq On : 23 Nov 2017 12:52
 Operator : SJ/JU
 Sample : I6567-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:54:11 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	83342	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	320402	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	148165	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	251978	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	157923	20.00	ng	-0.02
86) Perylene-d12	15.49	264	175214	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	201932	38.84	ng	-0.02
7) Phenol-d6	6.48	99	148995	23.24	ng	-0.03
23) Nitrobenzene-d5	7.43	82	508765	104.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	134407	89.02	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	991708	101.92	ng	-0.02
78) Terphenyl-d14	12.97	244	658828	95.86	ng	-0.02

Target Compounds

						Qvalue
6) Aniline	6.49	93	161	0.018	ng	# 1
9) Benzaldehyde	6.63	77	7505	1.639	ng	87
10) Phenol	6.49	94	12445	1.849	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	373	0.066	ng	# 1
15) Benzyl Alcohol	7.02	79	8470	1.693	ng	# 43
19) n-Nitroso-di-n-propylamine	7.42	70	67350	15.148	ng	# 79
24) Nitrobenzene	7.43	77	1288	0.258	ng	# 39
25) Isophorone	7.43	82	508761	49.957	ng	# 64
31) Naphthalene	8.16	128	11941	0.774	ng	# 95
33) 4-Chloroaniline	8.16	127	1704	0.265	ng	# 48
37) 2-Methylnaphthalene	8.85	142	2347	0.229	ng	91
45) 1,1'-Biphenyl	9.32	154	712	0.056	ng	# 42
47) 2-Nitroaniline	9.22	65	1430	3.274	ng	# 3
48) Acenaphthylene	9.75	152	121	0.008	ng	# 60
49) Dimethylphthalate	9.60	163	6233	0.551	ng	# 91
50) 2,6-Dinitrotoluene	9.89	165	18730	8.364	ng	# 25
51) Acenaphthene	9.93	154	3570	0.381	ng	92
54) Dibenzofuran	10.10	168	3338	0.254	ng	96
55) 4-Nitrophenol	10.10	139	1072	0.499	ng	# 9
56) 2,4-Dinitrotoluene	9.89	165	18730	6.630	ng	# 23
57) Fluorene	10.44	166	2989	0.311	ng	# 88
59) Diethylphthalate	10.30	149	3494	0.309	ng	95
62) Azobenzene	10.68	77	557	0.052	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.69	198	121	8.648	ng	# 15
65) n-Nitrosodiphenylamine	10.68	169	3918	0.447	ng	# 42
66) 4-Bromophenyl-phenylether	10.69	248	8493	3.144	ng	# 1
70) Phenanthrene	11.40	178	11114	0.838	ng	97
71) Anthracene	11.40	178	11114	0.826	ng	97
72) Carbazole	11.61	167	611	0.049	ng	# 59
73) Di-n-butylphthalate	11.93	149	14744	1.014	ng	# 98
74) Fluoranthene	12.59	202	4198	0.299	ng	92
76) Benzidine	12.97	184	7961	1.259	ng	# 91
77) Pyrene	12.82	202	2661	0.236	ng	# 92
80) Benzo(a)anthracene	14.02	228	788	0.083	ng	# 51

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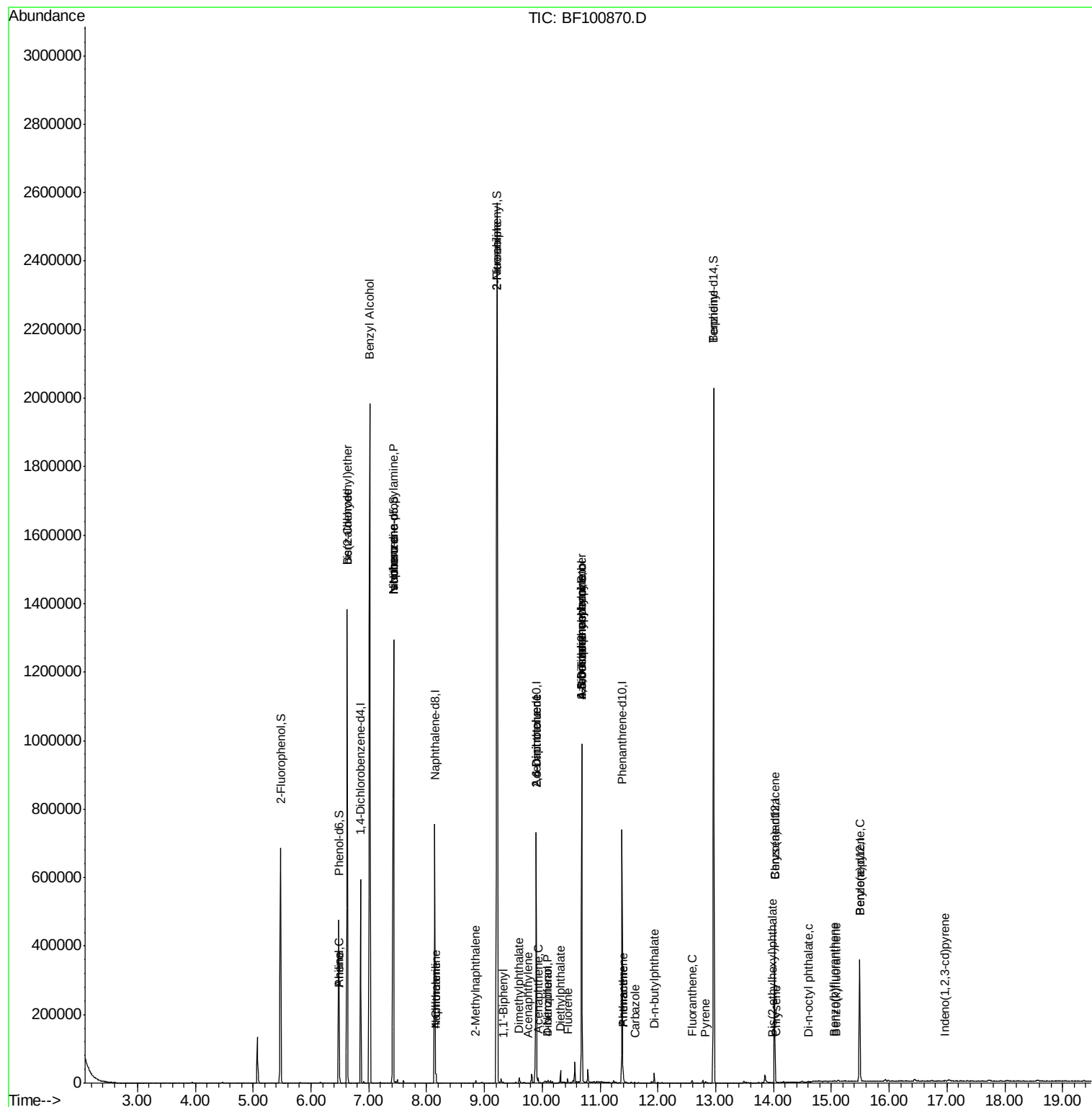
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	14.04	228	693	0.075	nq	# 48
83) Bis(2-ethylhexyl)phthalate	13.99	149	628	0.104	nq	# 53
84) Di-n-octyl phthalate	14.60	149	131	0.013	nq	# 1
85) Indeno(1,2,3-cd)pyrene	16.96	276	117	0.016	nq	# 46
87) Benzo(b)fluoranthene	15.06	252	665	0.064	nq	# 34
88) Benzo(k)fluoranthene	15.09	252	252	0.026	nq	# 59
89) Benzo(a)pyrene	15.49	252	296	0.032	nq	# 60

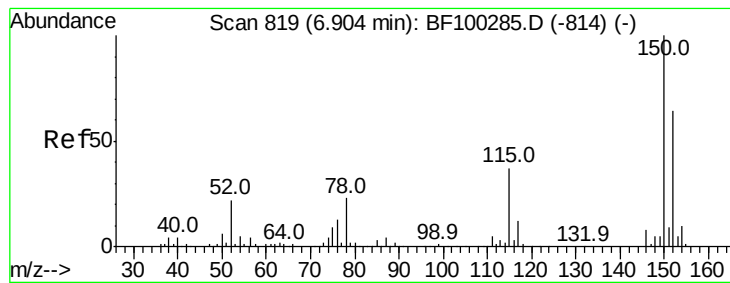
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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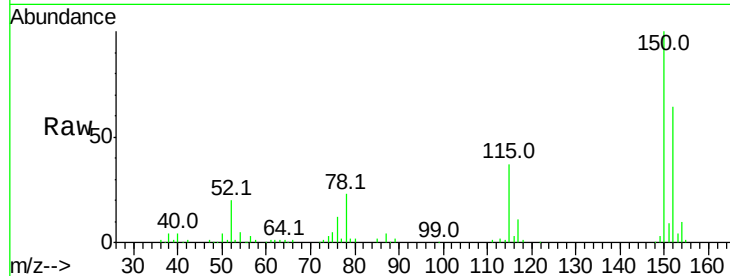


#1

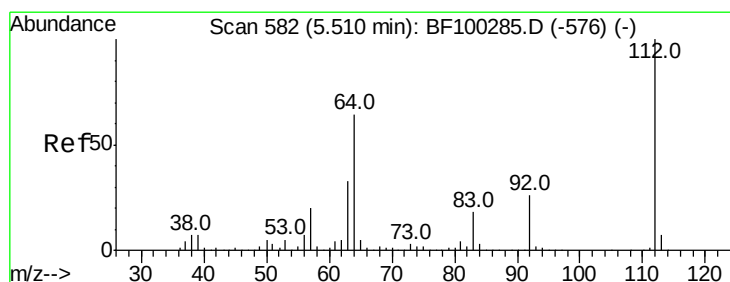
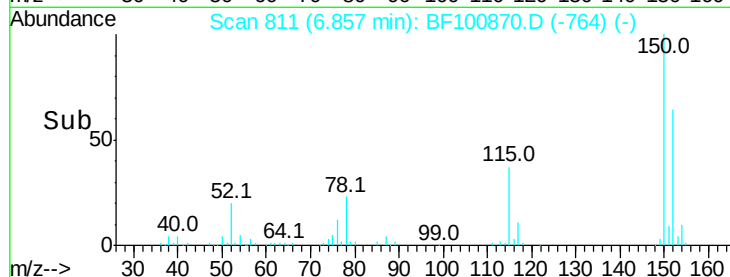
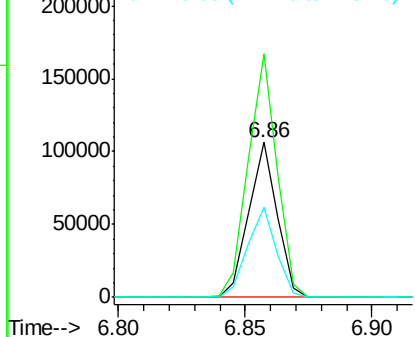
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83342
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 58.3 50.1 75.1



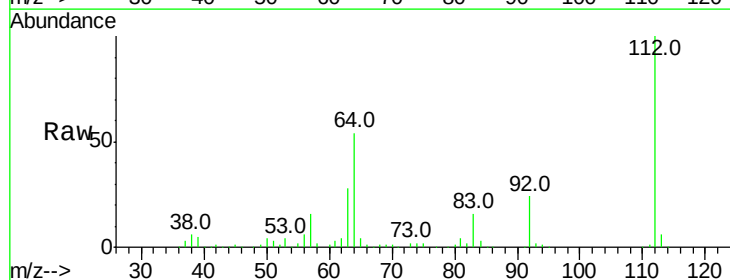
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



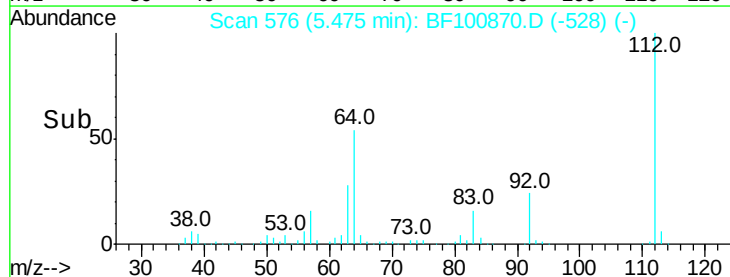
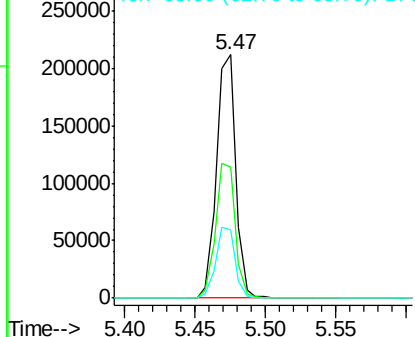
#5

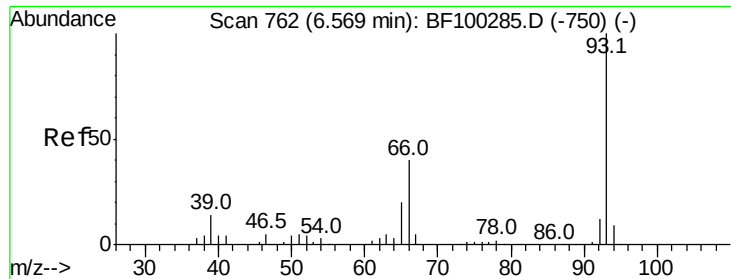
2-Fluorophenol
Concen: 38.839 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

Tgt Ion:112 Resp: 201932
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 28.2 23.7 35.5



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





#6

Aniline

Concen: 0.018 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

Instrument :

BNA_F

ClientSampled :

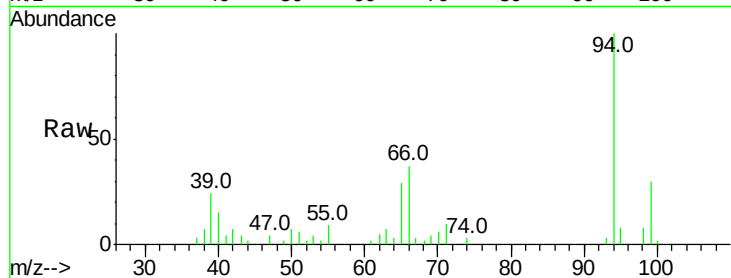
Tot Ion: 93 Resp: 161

Ion Ratio Lower Upper

93 100

66 1368.6 32.2 48.2#

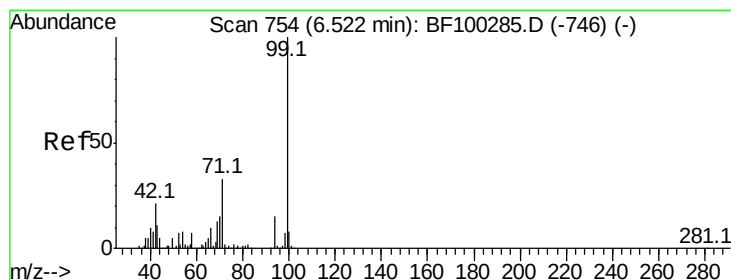
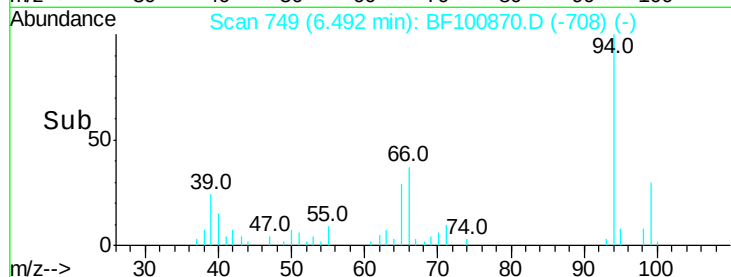
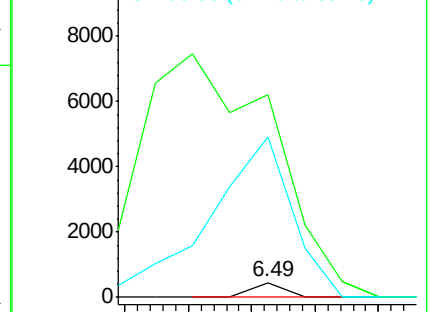
65 1077.4 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 23.240 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

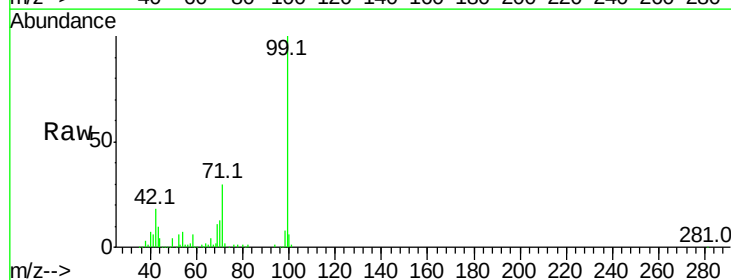
Tgt Ion: 99 Resp: 148995

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

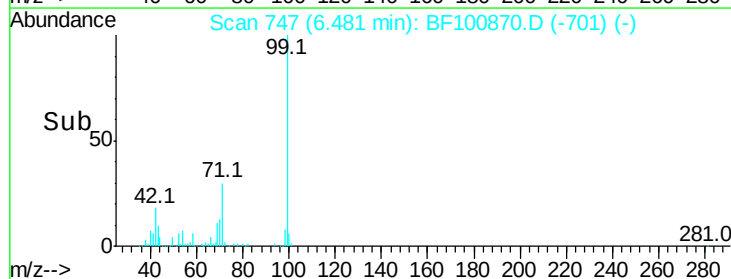
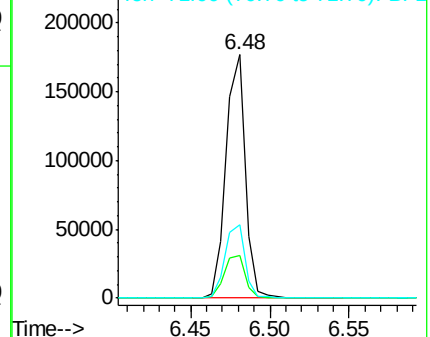
71 30.2 25.4 38.0

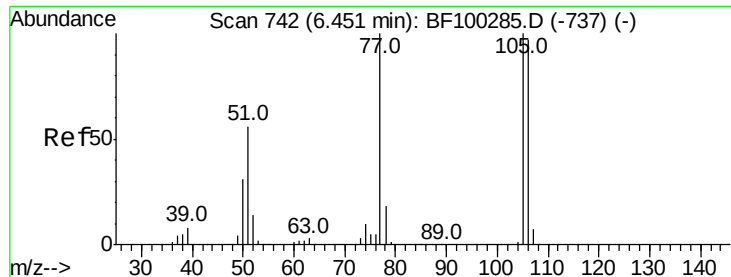


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 1.639 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.19 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

Instrument :

BNA_F

ClientSampled :

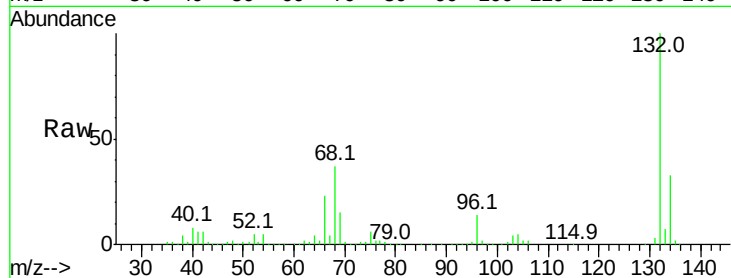
Tot Ion: 77 Resp: 7505

Ion Ratio Lower Upper

77 100

105 83.9 81.1 121.1

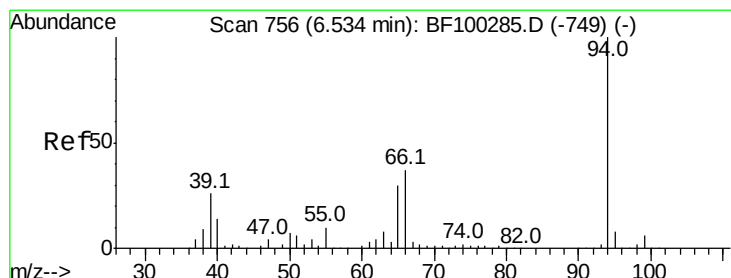
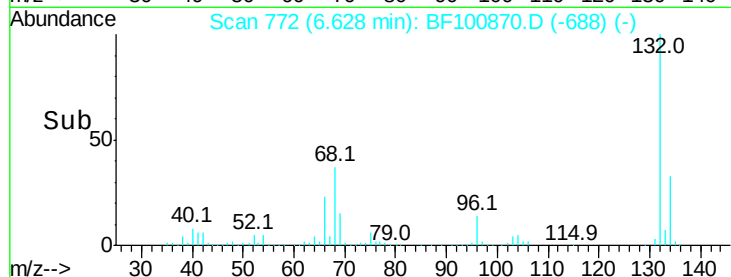
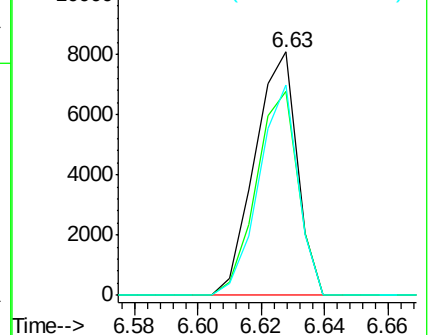
106 86.5 74.5 114.5



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: 1.849 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

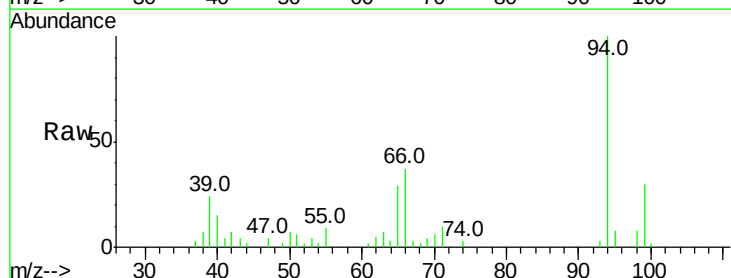
Tgt Ion: 94 Resp: 12445

Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

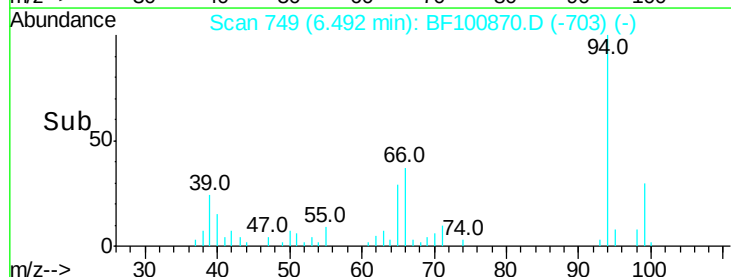
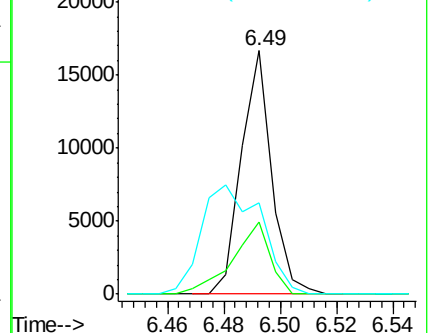
66 37.3 16.2 56.2

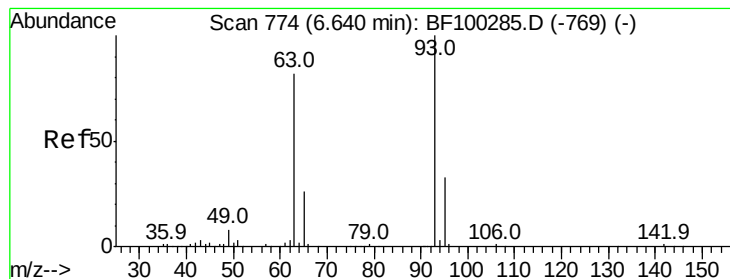


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.066 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

Instrument :

BNA_F

ClientSampled :

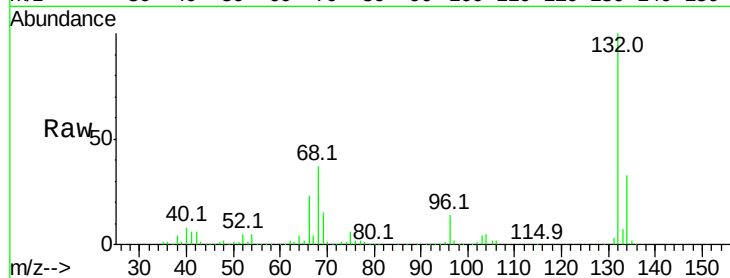
Tot Ion: 93 Resp: 373

Ion Ratio Lower Upper

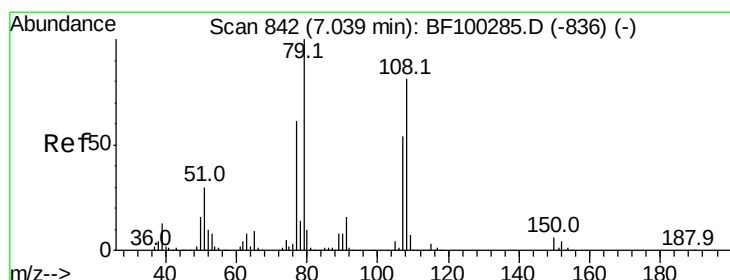
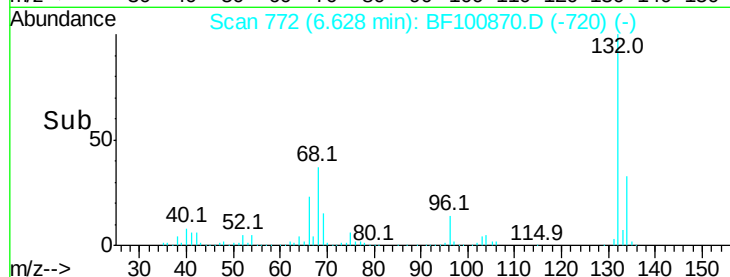
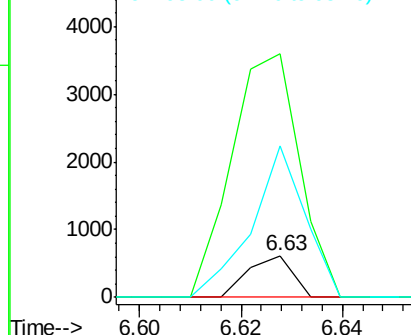
93 100

63 582.8 58.6 98.6#

95 362.4 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: 1.693 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

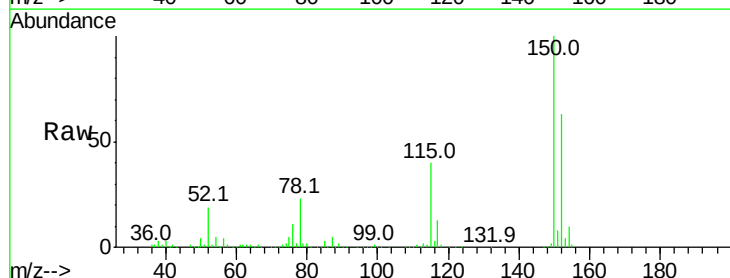
Tgt Ion: 79 Resp: 8470

Ion Ratio Lower Upper

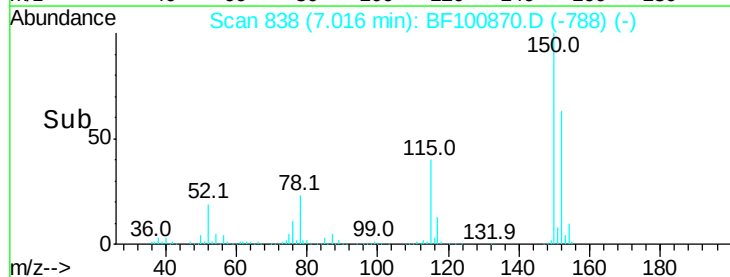
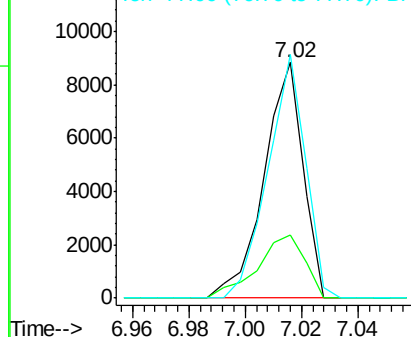
79 100

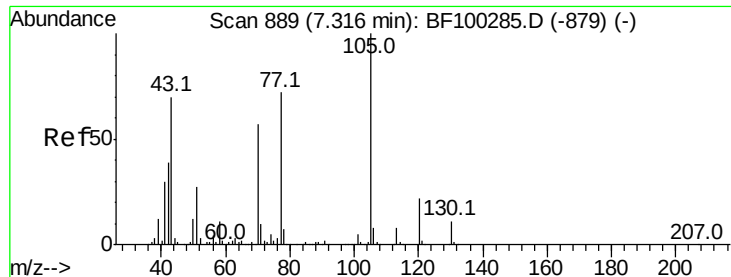
108 26.9 65.1 97.7#

77 103.3 50.6 75.8#



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

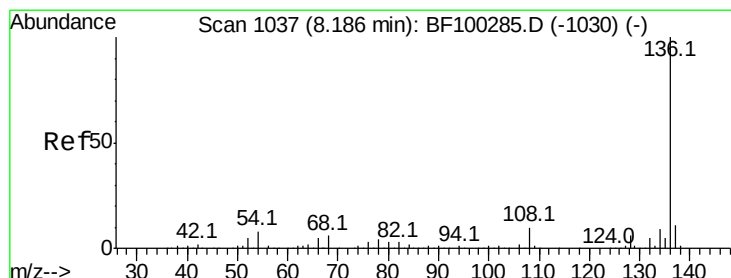
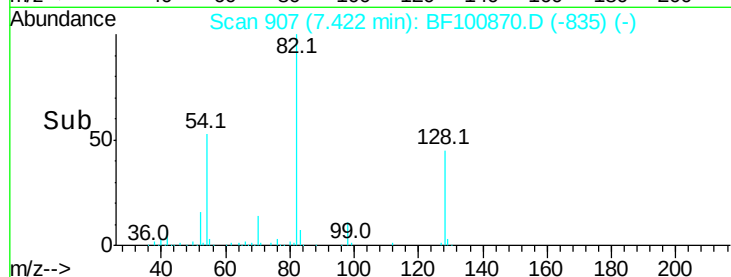
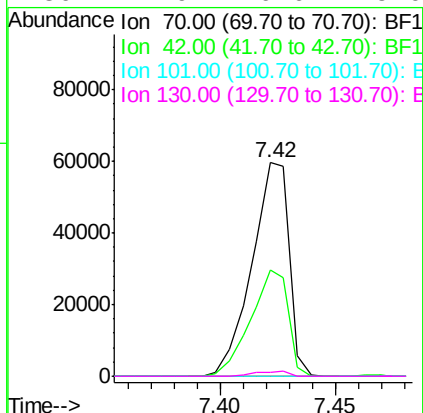
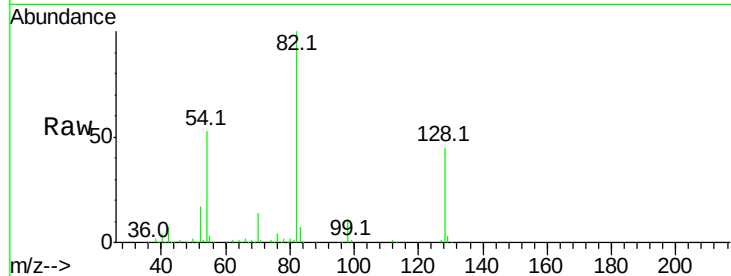




#19
n-Nitroso-di-n-propylamine
Concen: 15.148 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.12 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

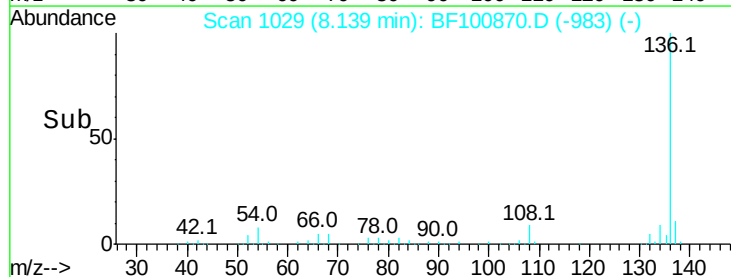
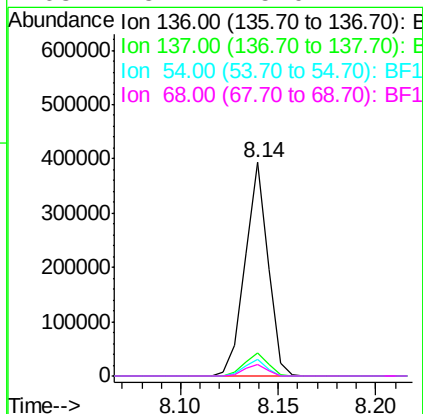
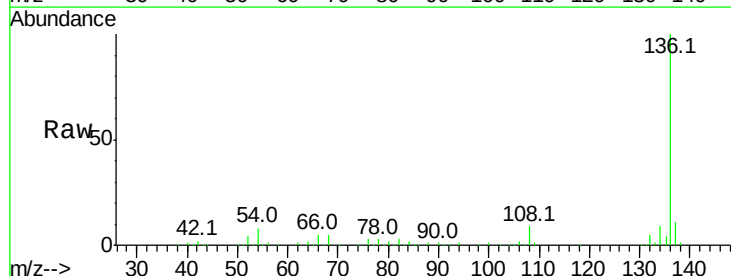
Instrument :
BNA_F
ClientSampleId :

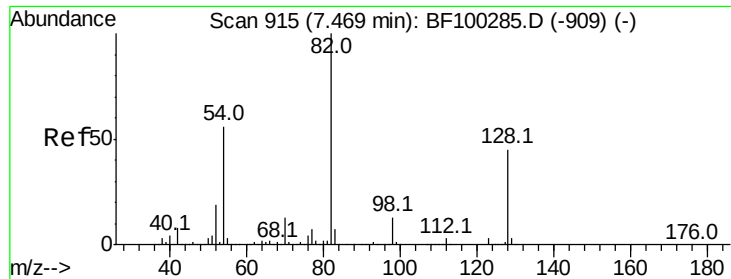
Tot Ion: 70 Resp: 67350
Ion Ratio Lower Upper
70 100
42 49.6 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

Tgt Ion: 136 Resp: 320402
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.7 6.6 9.8
68 5.2 5.0 7.4

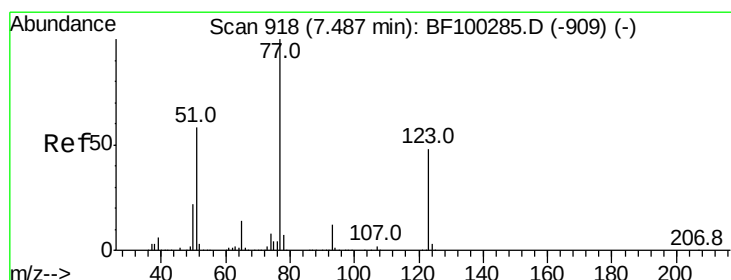
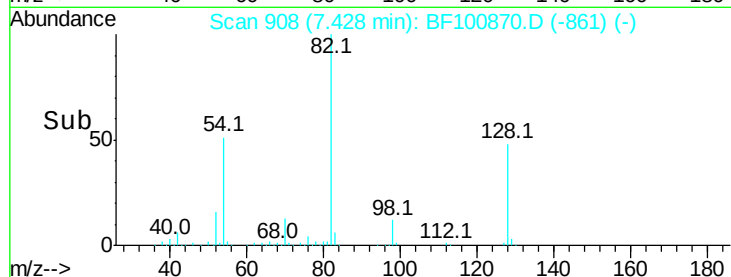
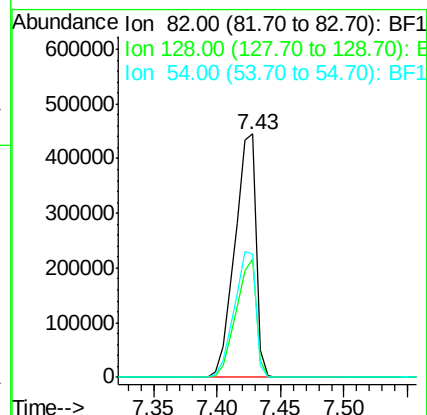
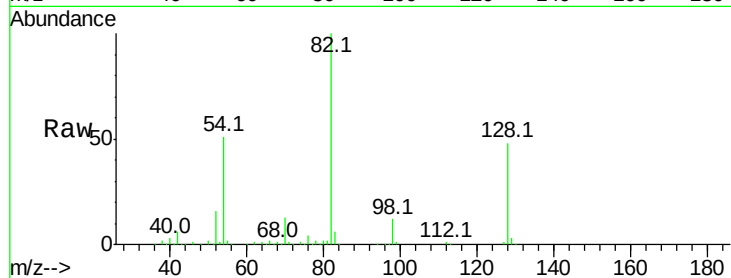




#23
Nitrobenzene-d5
Concen: 104.981 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

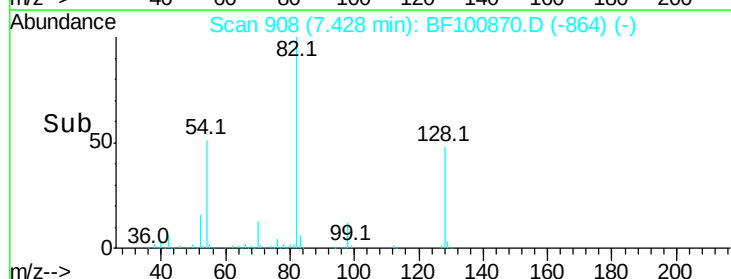
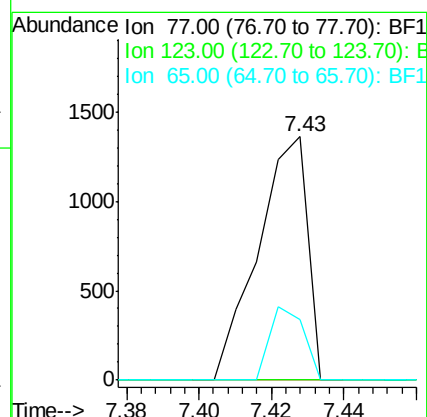
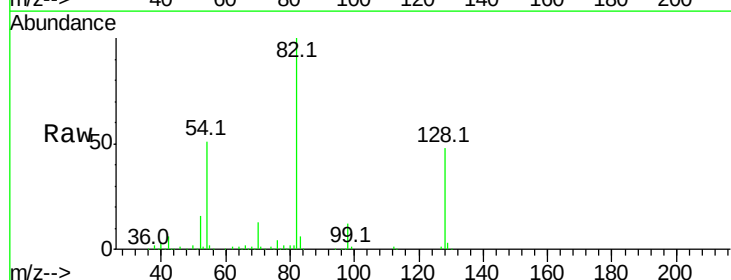
Instrument :
BNA_F
ClientSampled :

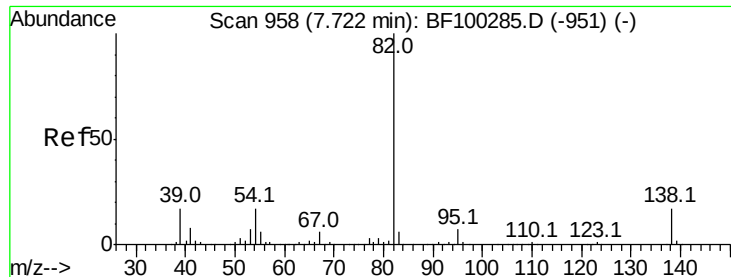
Tot Ion: 82 Resp: 508765
Ion Ratio Lower Upper
82 100
128 48.4 36.1 54.1
54 50.8 41.4 62.2



#24
Nitrobenzene
Concen: 0.258 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.04 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

Tgt Ion: 77 Resp: 1288
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 25.0 11.0 16.4#





#25

Isophorone

Concen: 49.957 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.28 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

Instrument :

BNA_F

ClientSampled :

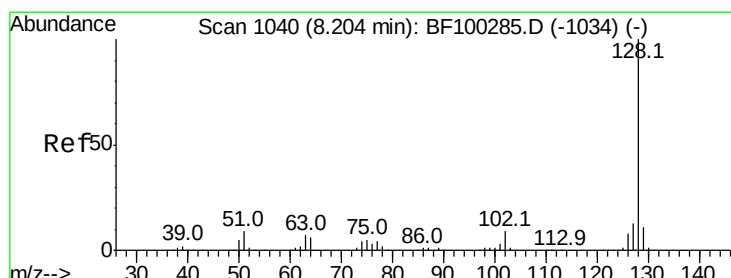
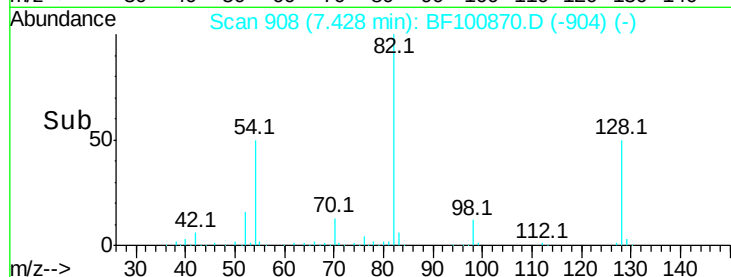
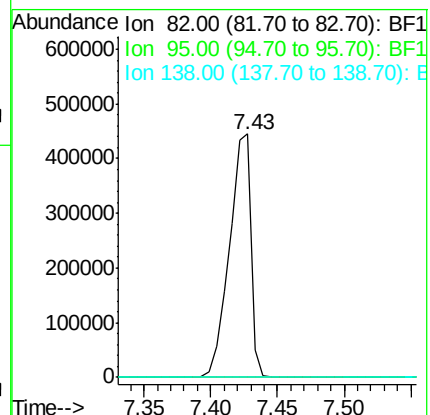
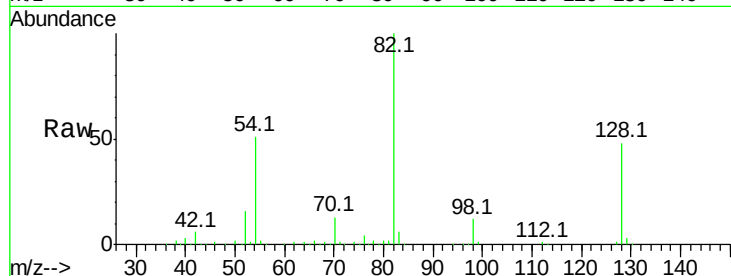
Tot Ion: 82 Resp: 508761

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#31

Naphthalene

Concen: 0.774 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

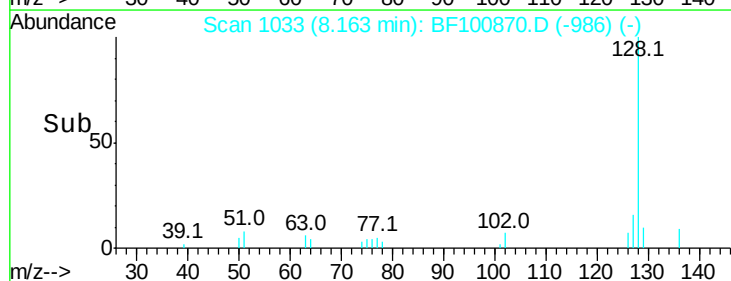
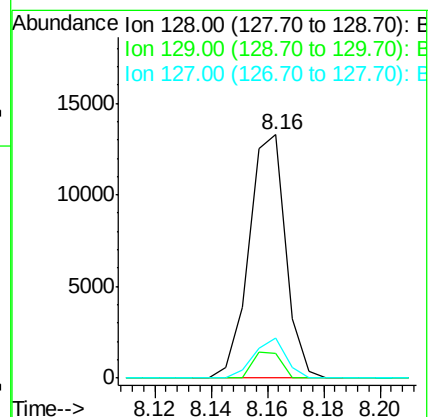
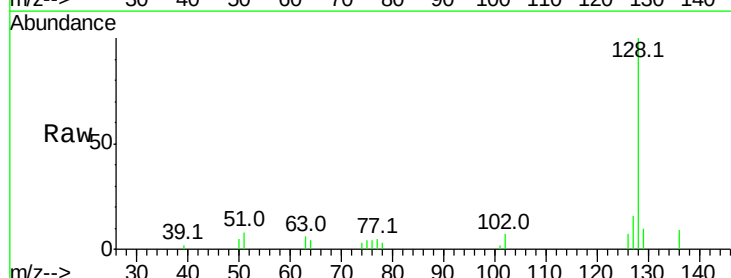
Tgt Ion: 128 Resp: 11941

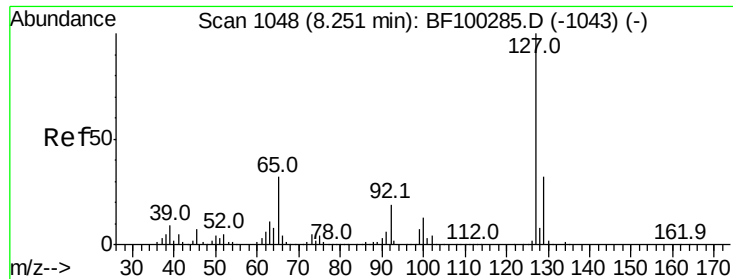
Ion Ratio Lower Upper

128 100

129 10.3 8.8 13.2

127 16.5 10.9 16.3#

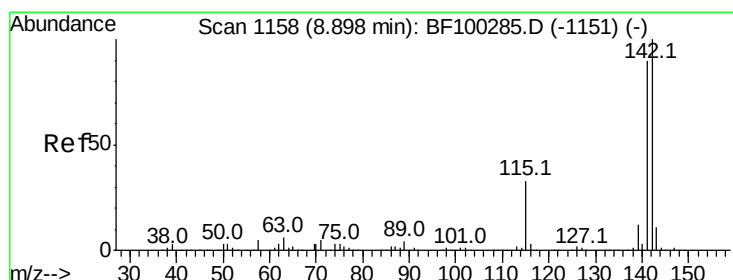
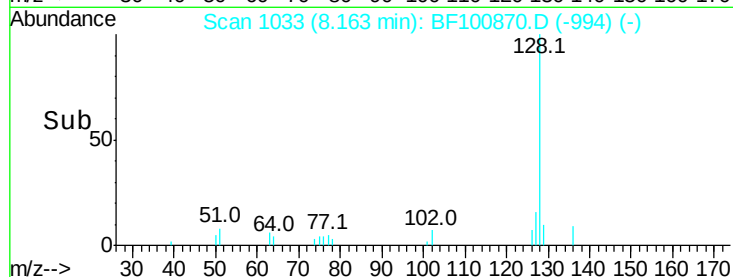
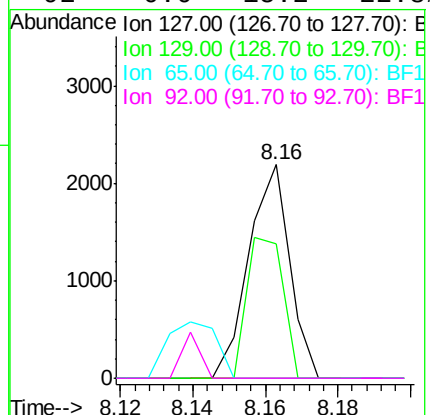
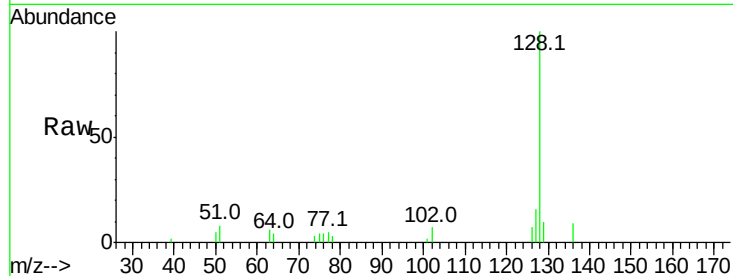




#33
4-Chloroaniline
Concen: 0.265 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.07 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

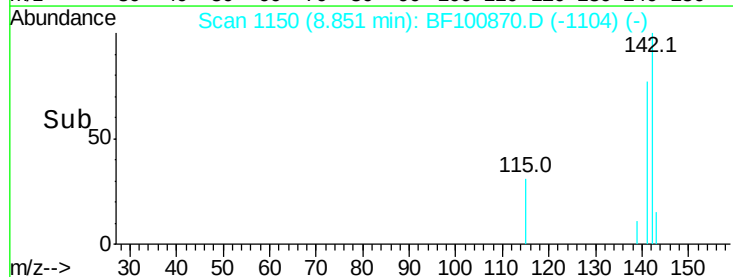
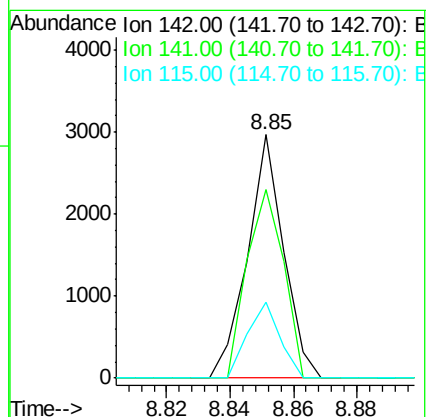
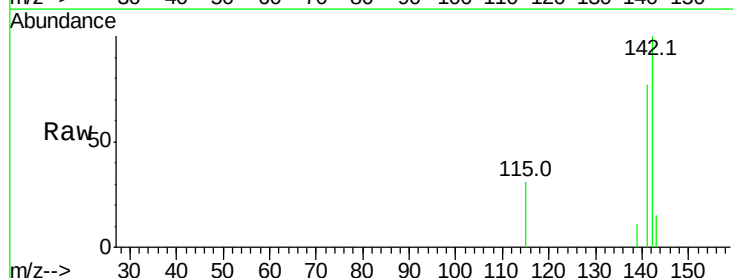
Instrument :
BNA_F
ClientSampleId :

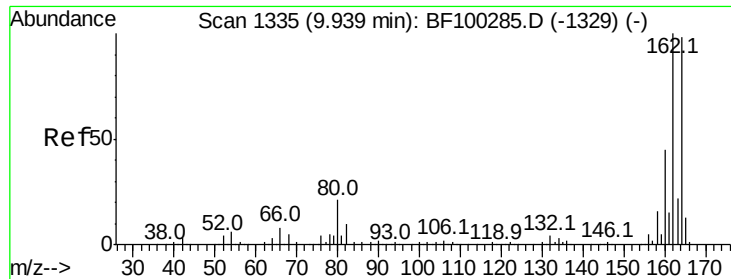
Tot Ion:	127	Resp:	1704
Ion	Ratio	Lower	Upper
127	100		
129	62.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 0.229 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

Tgt Ion:	142	Resp:	2347
Ion	Ratio	Lower	Upper
142	100		
141	77.4	70.8	106.2
115	31.3	26.1	39.1

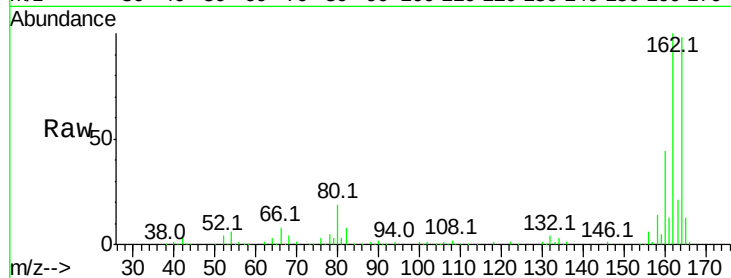




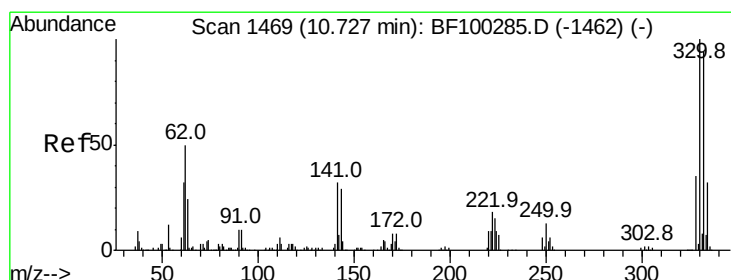
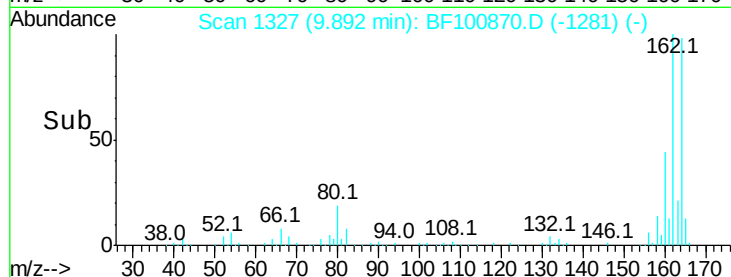
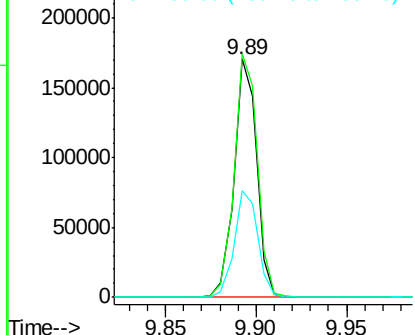
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 148165
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 45.0 38.3 57.5

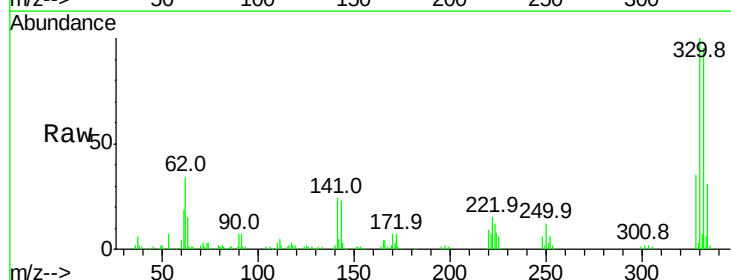


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

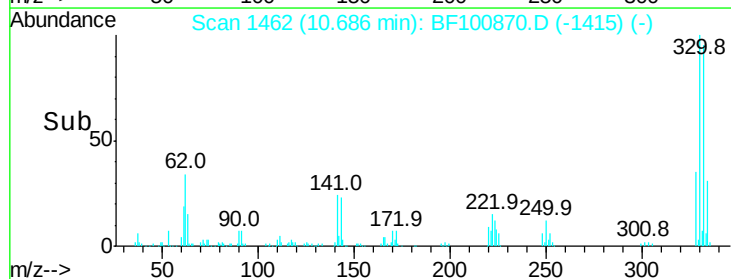
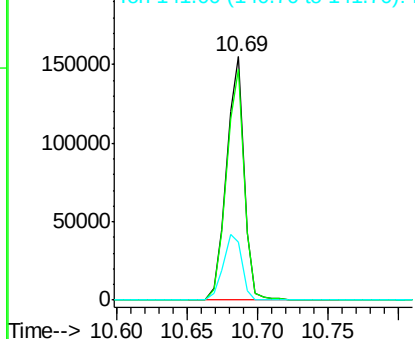


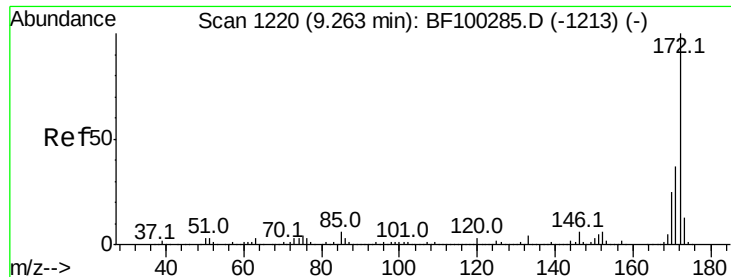
#41
2,4,6-Tribromophenol
Concen: 89.023 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

Tgt Ion:330 Resp: 134407
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 29.1 29.9 44.9#



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

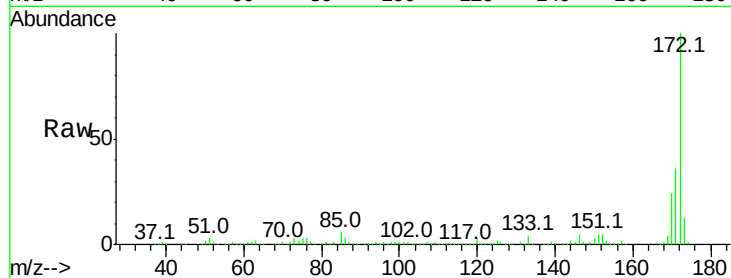




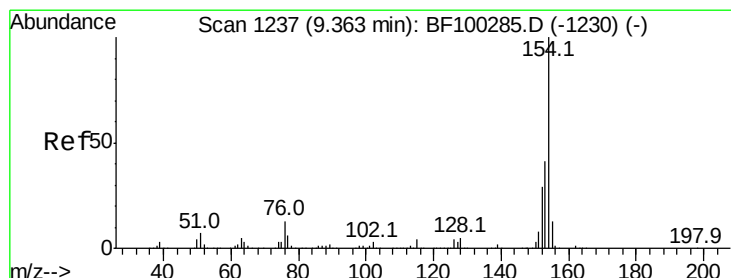
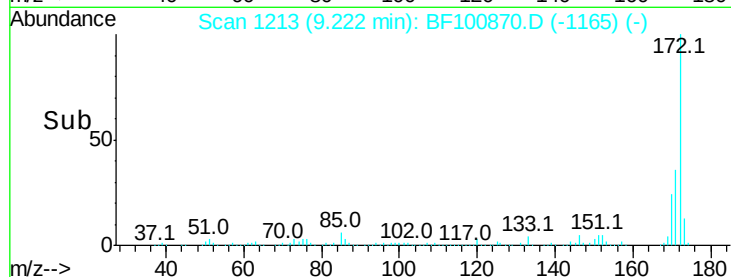
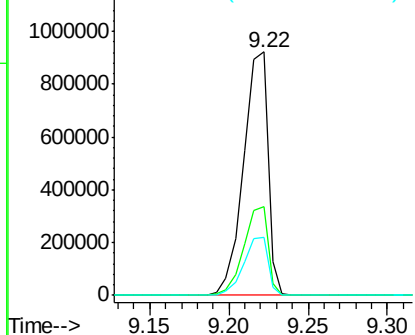
#44
 2-Fluorobiphenyl
 Concen: 101.919 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF100870.D
 Acq: 23 Nov 2017 12:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 991708
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.0 19.6 29.4

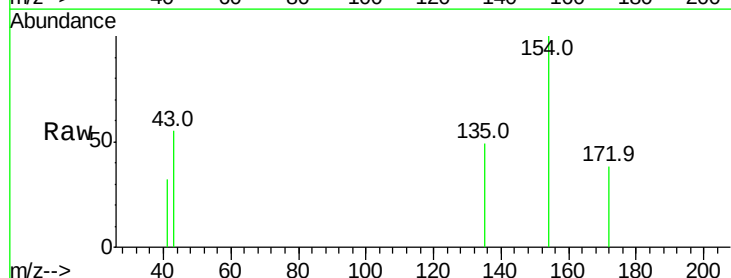


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

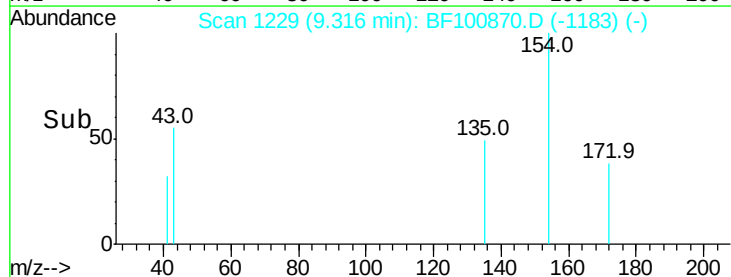
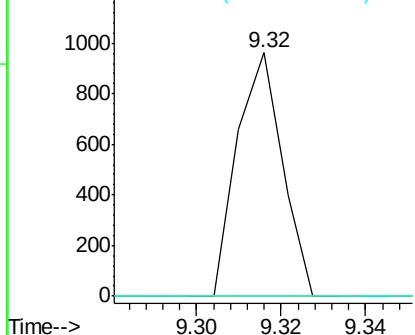


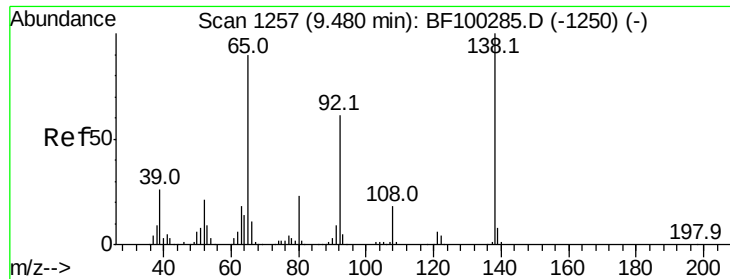
#45
 1,1'-Biphenyl
 Concen: 0.056 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.03 min
 Lab File: BF100870.D
 Acq: 23 Nov 2017 12:52

Tgt Ion:154 Resp: 712
 Ion Ratio Lower Upper
 154 100
 153 0.0 21.3 61.3#
 76 0.0 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: 3.274 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.25 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

Instrument :

BNA_F

ClientSampleId :

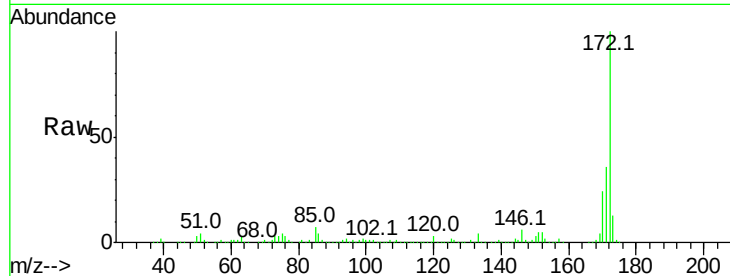
Tot Ion: 65 Resp: 1430

Ion Ratio Lower Upper

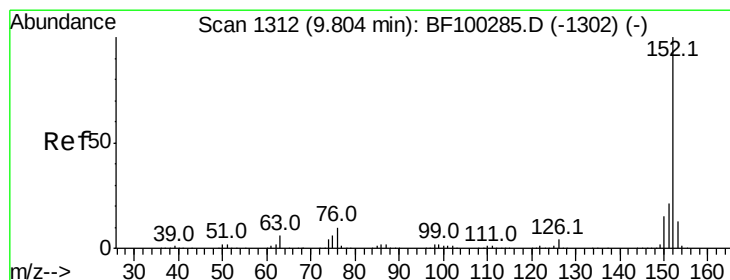
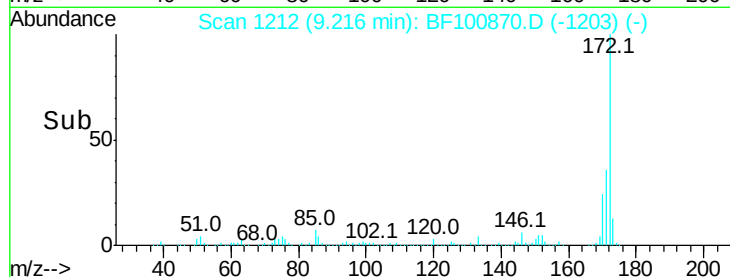
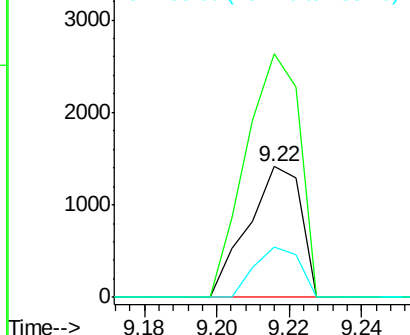
65 100

92 186.7 55.8 83.6#

138 39.0 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: 0.008 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

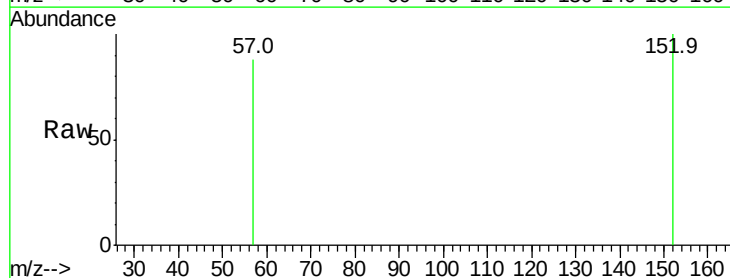
Tgt Ion: 152 Resp: 121

Ion Ratio Lower Upper

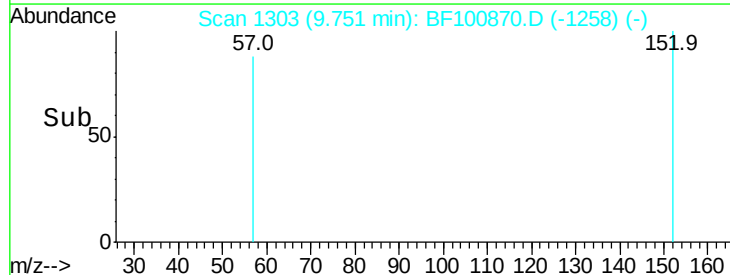
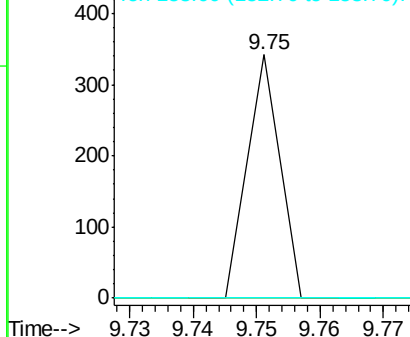
152 100

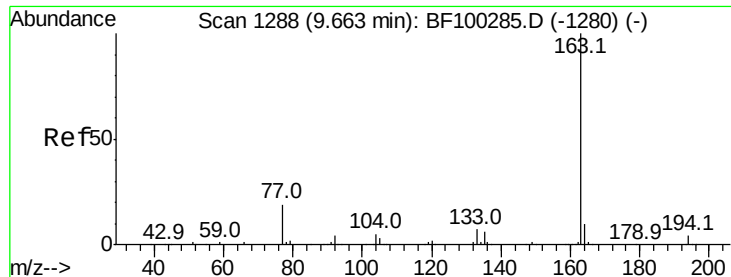
151 0.0 16.3 24.5#

153 0.0 10.7 16.1#



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





#49

Dimethylphthalate

Concen: 0.551 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.04 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

Instrument :

BNA_F

ClientSampled :

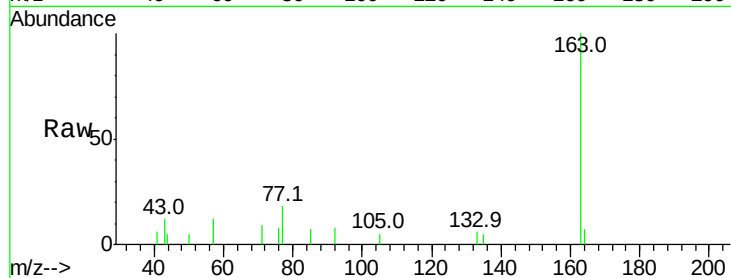
Tot Ion:163 Resp: 6233

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

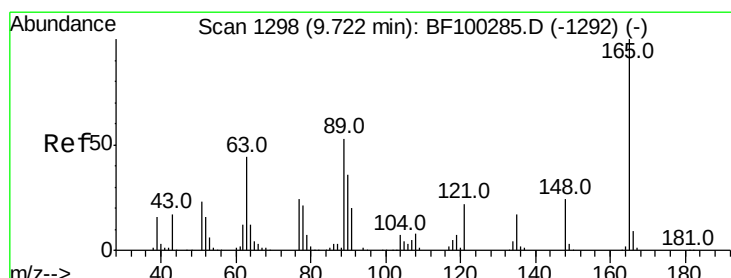
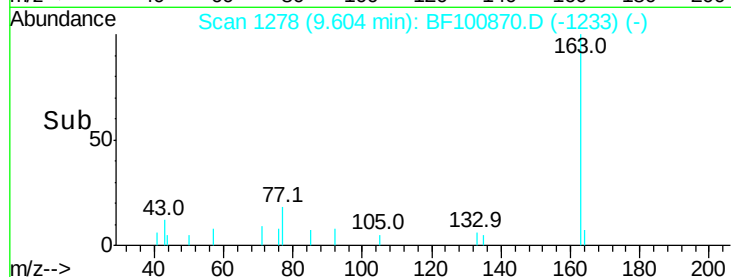
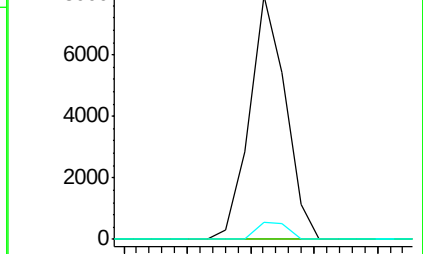
164 7.1 8.2 12.2#



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: 8.364 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.19 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

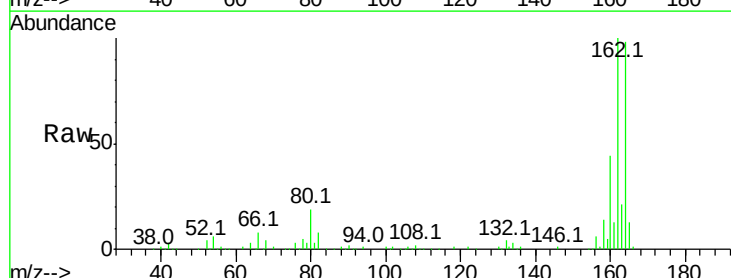
Tgt Ion:165 Resp: 18730

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

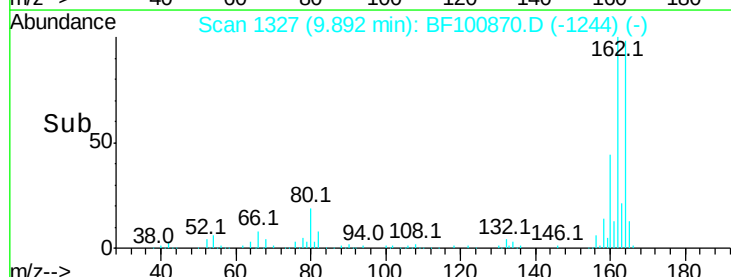
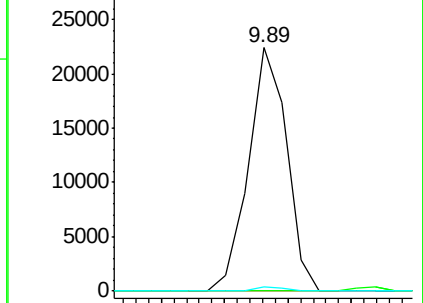
89 2.0 44.0 66.0#

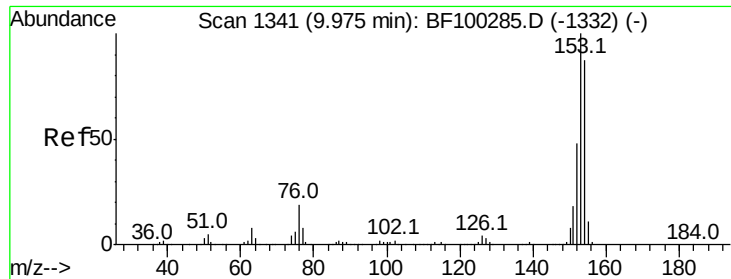


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.381 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.03 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

Instrument :

BNA_F

ClientSampleId :

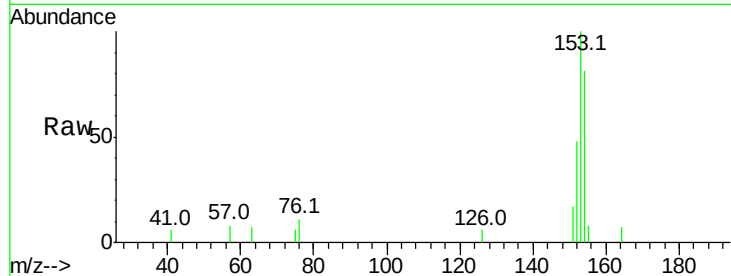
Tot Ion:154 Resp: 3570

Ion Ratio Lower Upper

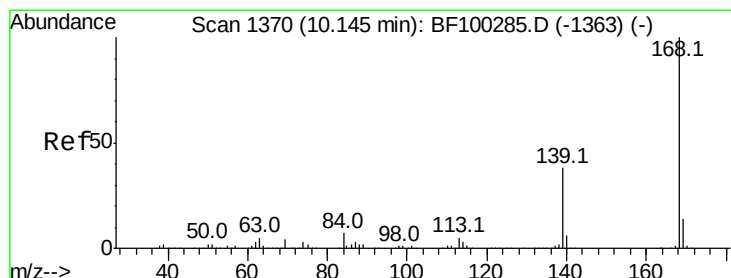
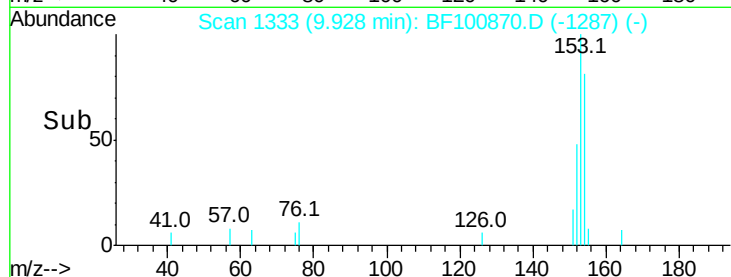
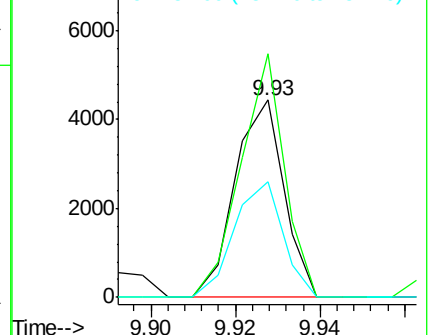
154 100

153 123.3 91.2 136.8

152 58.6 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



#54

Dibenzofuran

Concen: 0.254 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.03 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

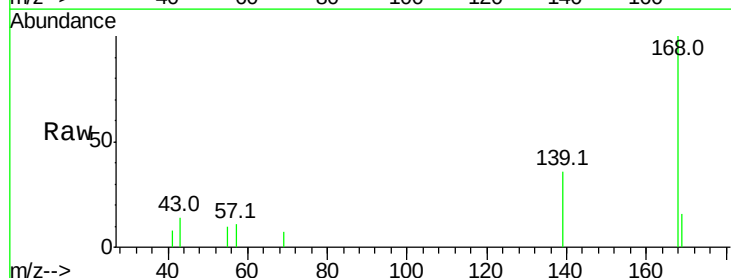
Tgt Ion:168 Resp: 3338

Ion Ratio Lower Upper

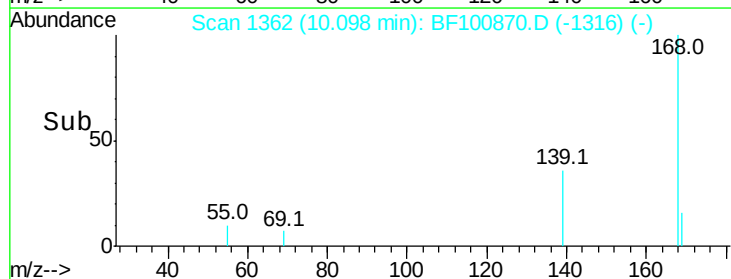
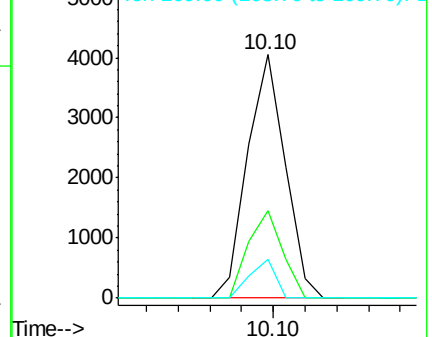
168 100

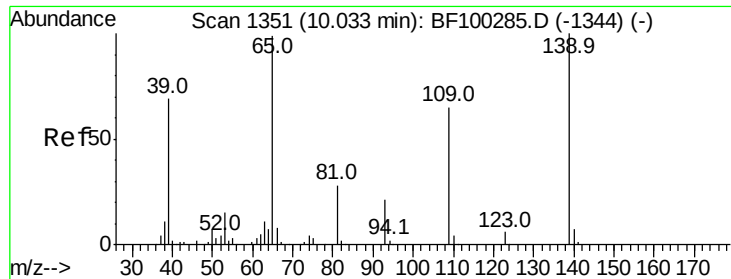
139 35.8 30.1 45.1

169 16.0 10.9 16.3



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

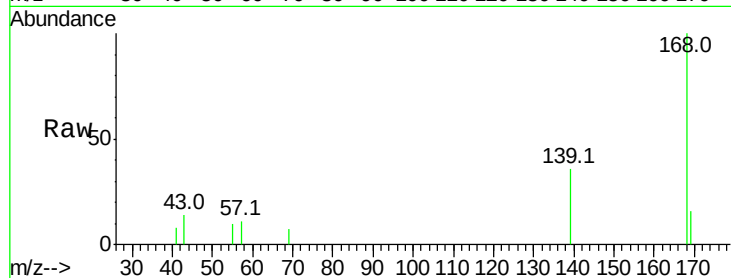




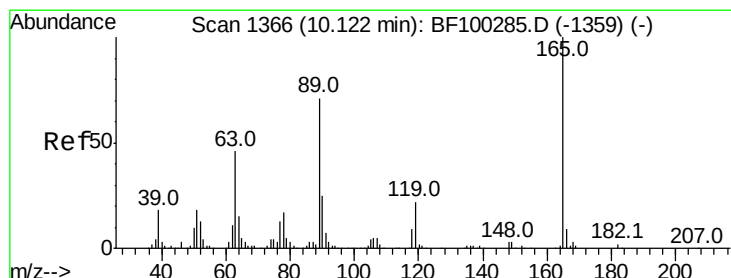
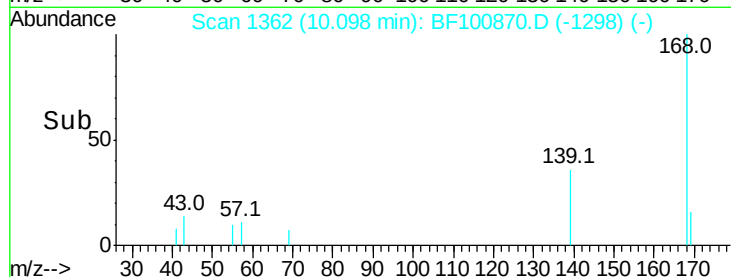
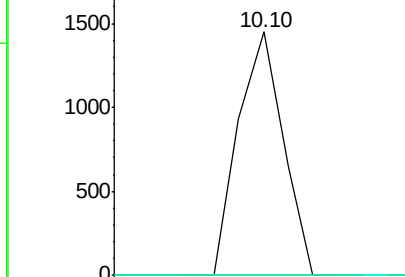
#55
4-Nitrophenol
Concen: 0.499 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.08 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



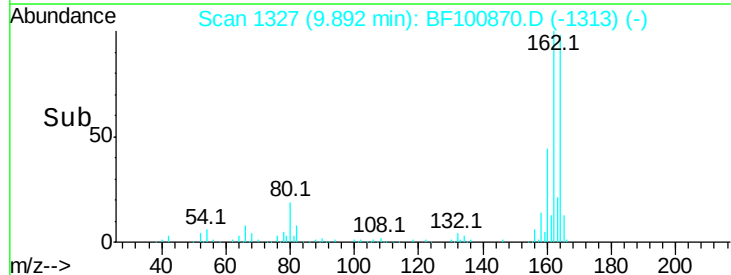
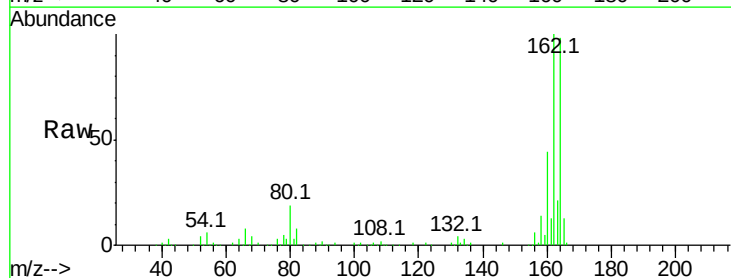
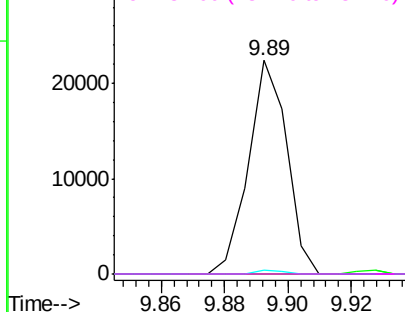
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

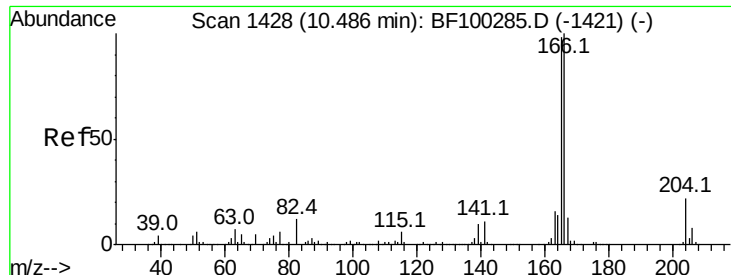


#56
2,4-Dinitrotoluene
Concen: 6.630 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.22 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	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

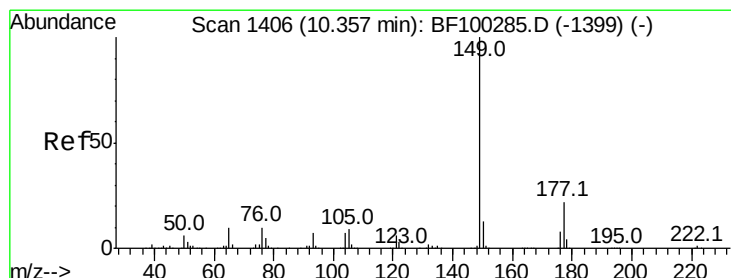
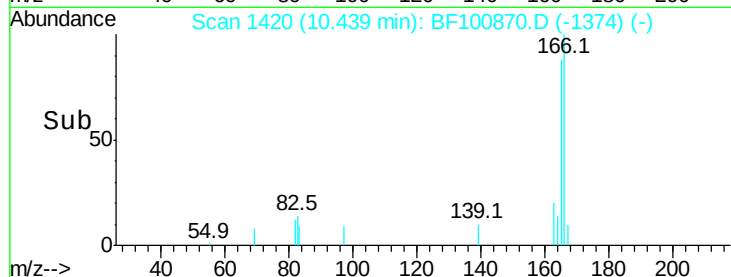
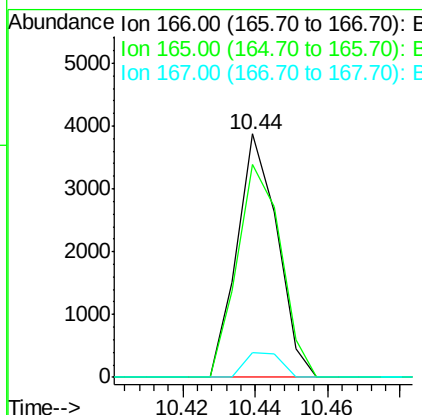
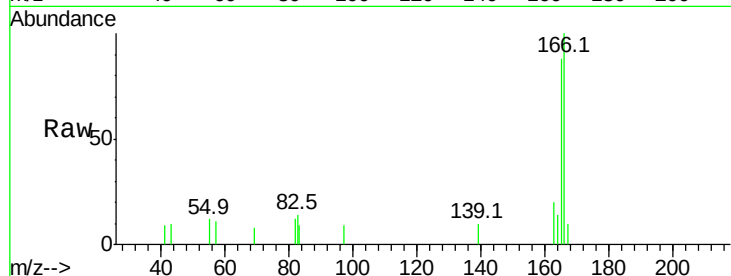




#57
 Fluorene
 Concen: 0.311 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.03 min
 Lab File: BF100870.D
 Acq: 23 Nov 2017 12:52

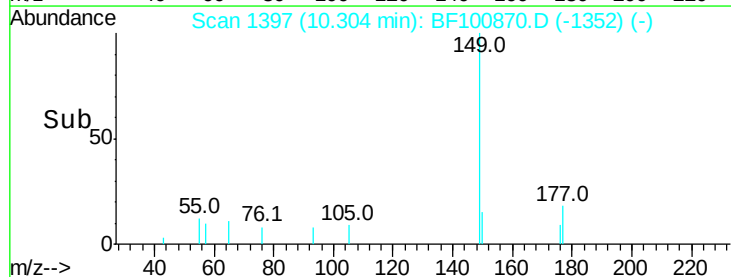
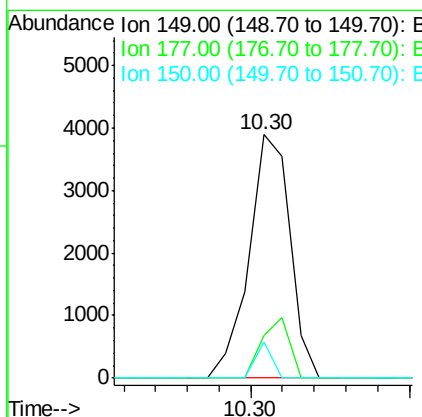
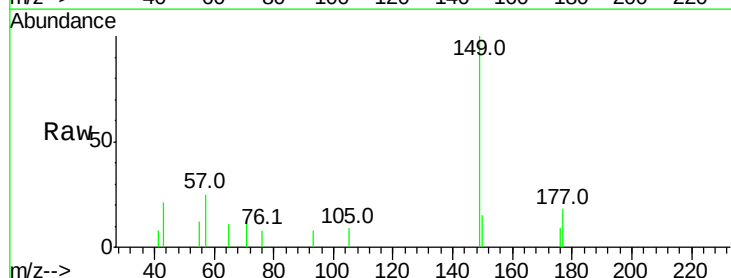
Instrument :
 BNA_F
 ClientSampled :

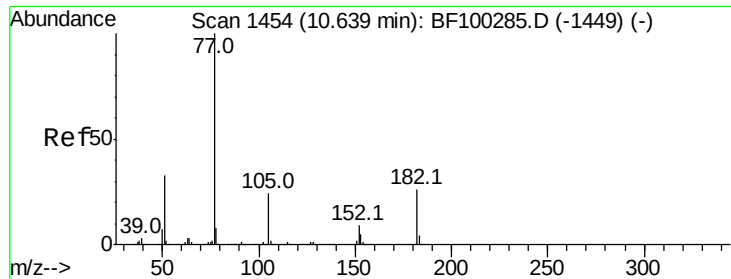
Tot Ion:166 Resp: 2989
 Ion Ratio Lower Upper
 166 100
 165 87.6 79.8 119.8
 167 10.2 10.6 16.0#



#59
 Diethylphthalate
 Concen: 0.309 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.04 min
 Lab File: BF100870.D
 Acq: 23 Nov 2017 12:52

Tgt Ion:149 Resp: 3494
 Ion Ratio Lower Upper
 149 100
 177 17.7 16.1 24.1
 150 14.7 10.1 15.1

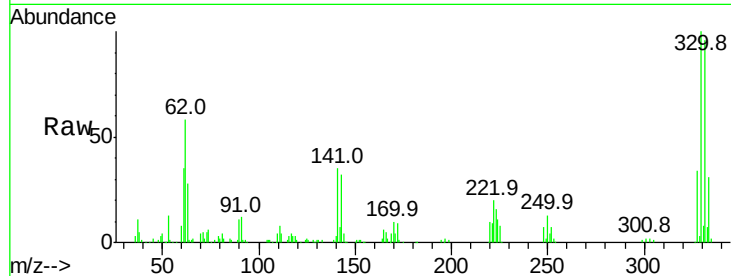




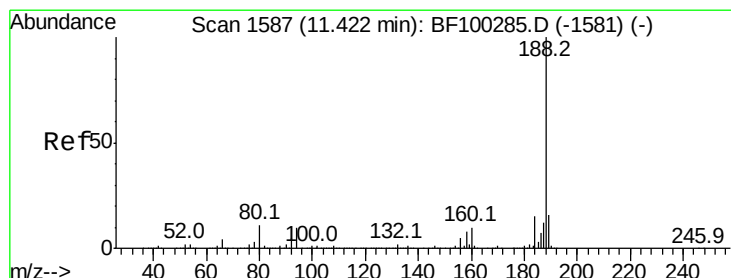
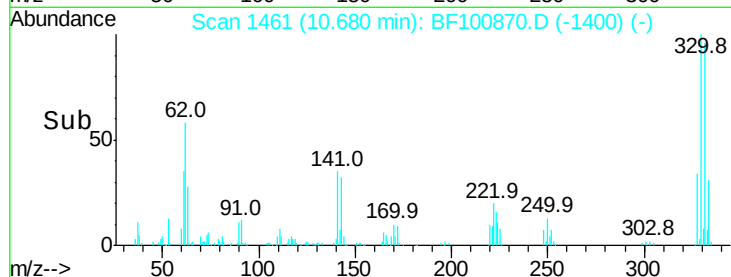
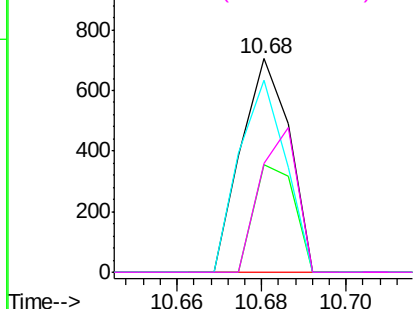
#62
Azobenzene
Concen: 0.052 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.06 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	557
Ion	Ratio	Lower	Upper
77	100		
182	50.6	1.7	41.7#
105	89.6	3.0	43.0#
51	51.2	9.9	49.9#

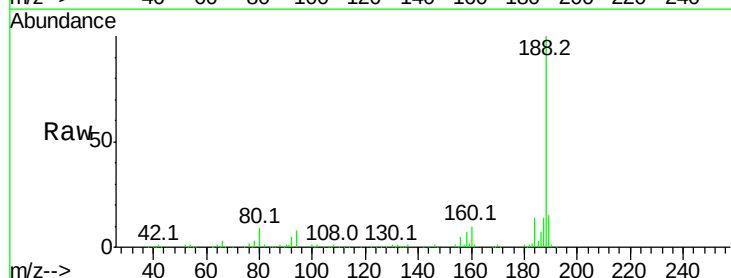


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

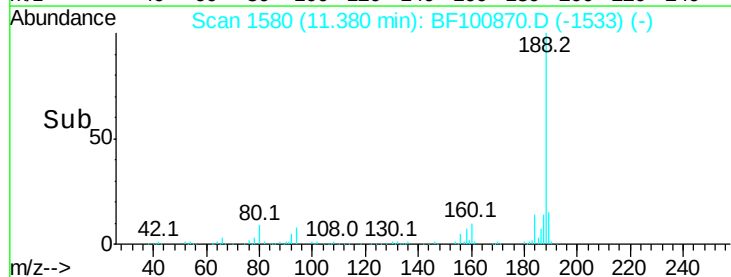
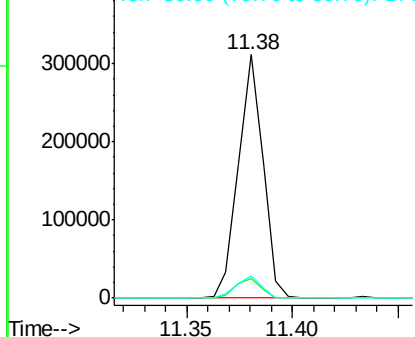


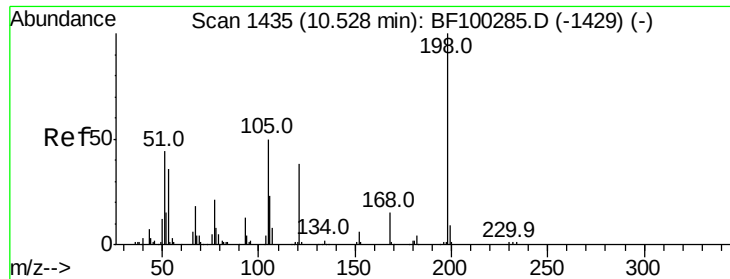
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

Tgt Ion:	188	Resp:	251978
Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	9.1	9.2	13.8#



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





#64

4,6-Dinitro-2-methylphenol

Concen: 8.648 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.17 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

Instrument :

BNA_F

ClientSampleId :

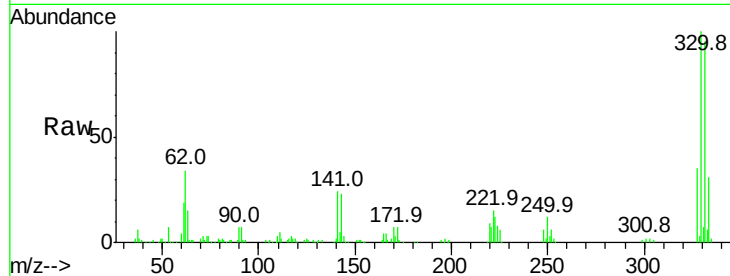
Tot Ion:198 Resp: 121

Ion Ratio Lower Upper

198 100

51 139.2 37.7 77.7#

105 100.3 36.3 76.3#

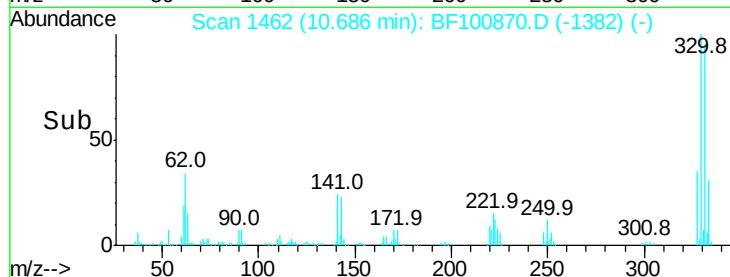


Abundance Ion 198.00 (197.70 to 198.70): E

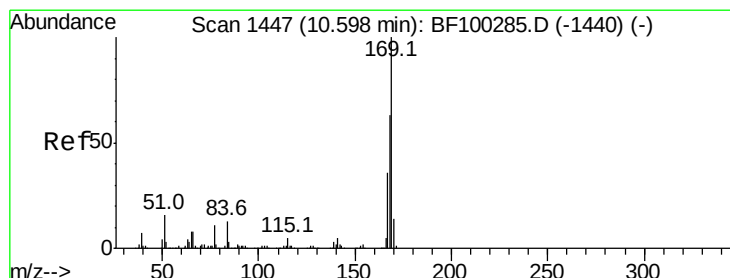
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#65

n-Nitrosodiphenylamine

Concen: 0.447 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.10 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

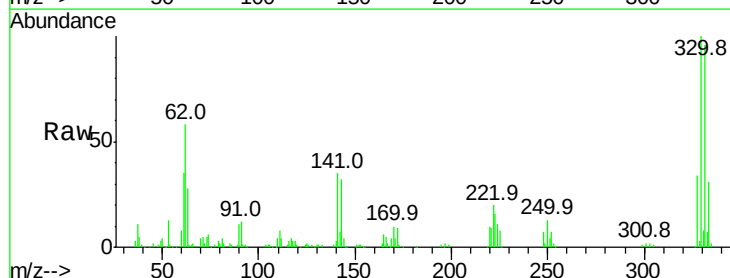
Tgt Ion:169 Resp: 3918

Ion Ratio Lower Upper

169 100

168 8.0 54.4 81.6#

167 53.4 29.8 44.6#

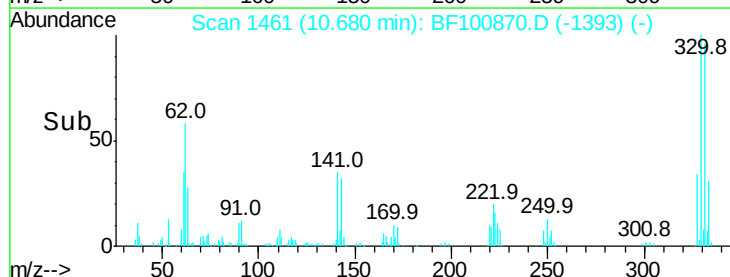


Abundance Ion 169.00 (168.70 to 169.70): E

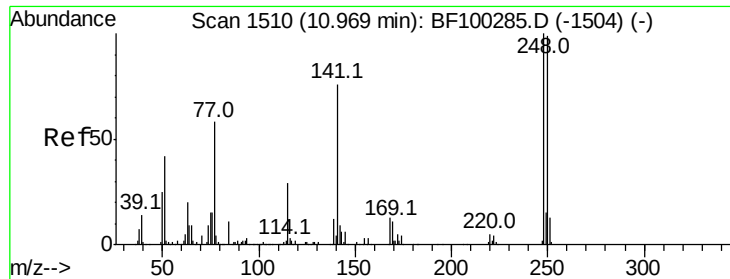
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



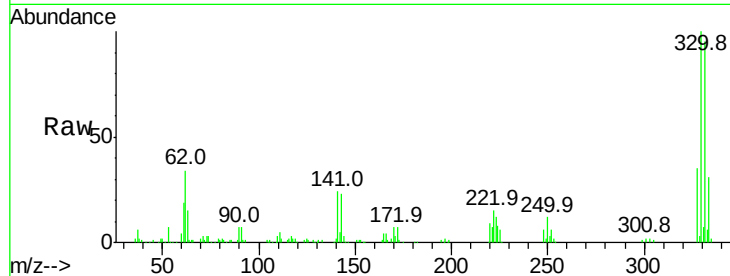
Time-->



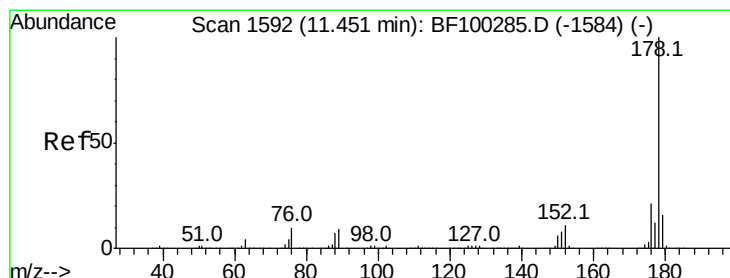
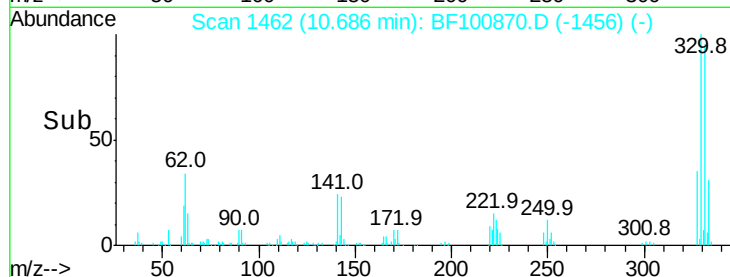
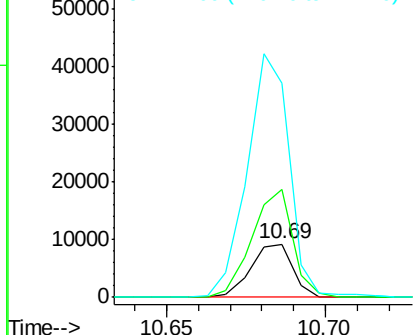
#66
 4-Bromophenyl-phenylether
 Concen: 3.144 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.26 min
 Lab File: BF100870.D
 Acq: 23 Nov 2017 12:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	203.5	76.9	115.3#
141	406.1	74.4	111.6#

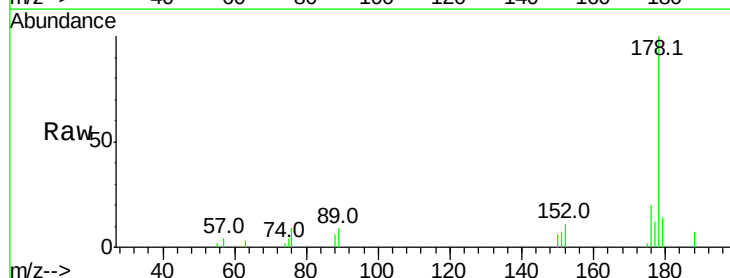


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

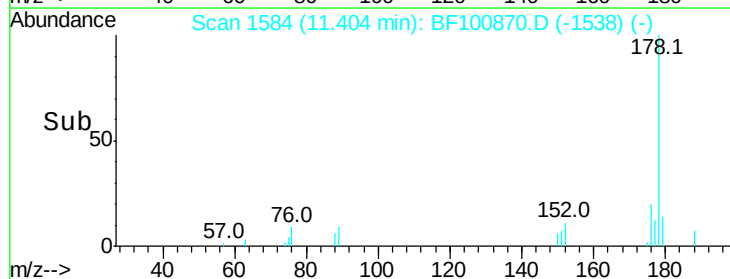
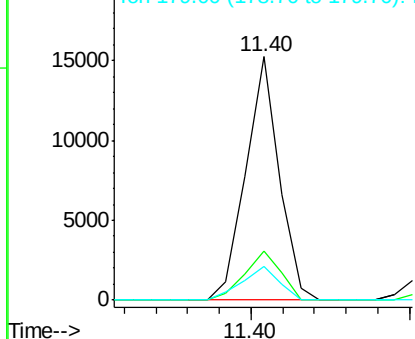


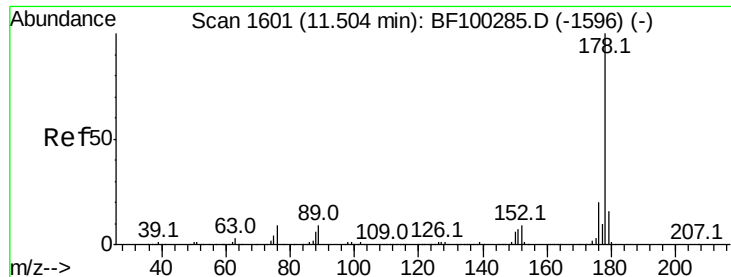
#70
 Phenanthrene
 Concen: 0.838 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.03 min
 Lab File: BF100870.D
 Acq: 23 Nov 2017 12:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	13.7	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

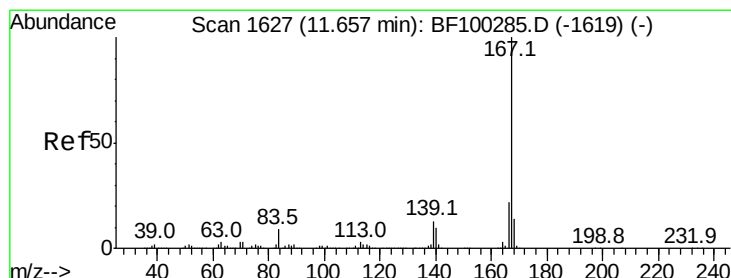
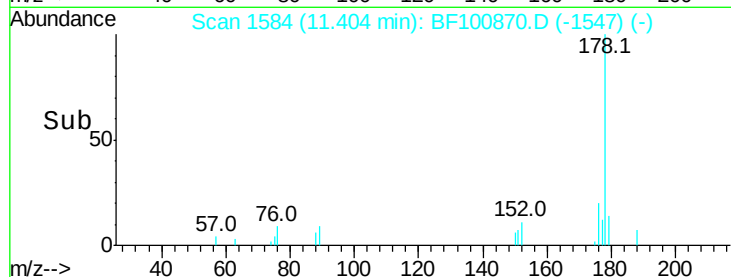
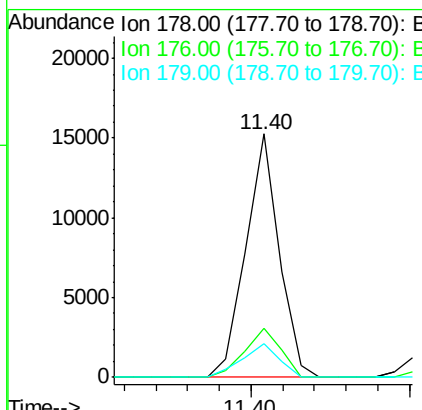
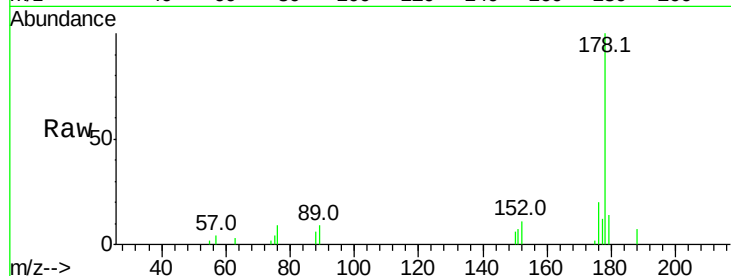




#71
 Anthracene
 Concen: 0.826 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.08 min
 Lab File: BF100870.D
 Acq: 23 Nov 2017 12:52

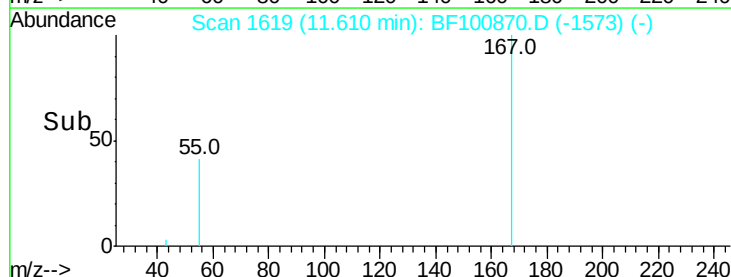
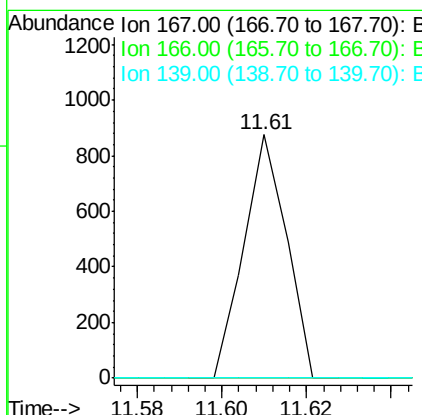
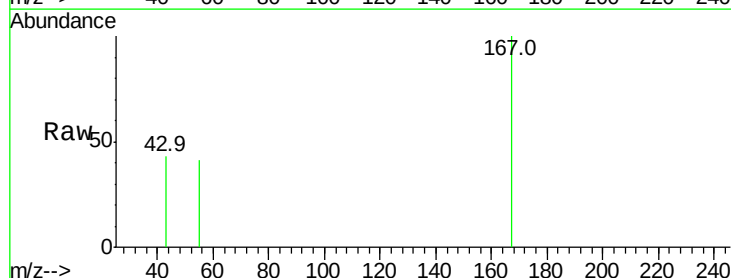
Instrument :
 BNA_F
 ClientSampleId :

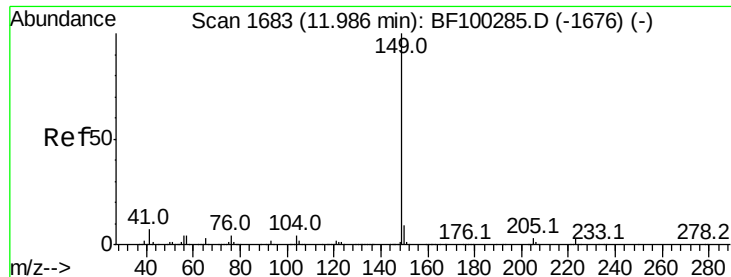
Tot Ion:178 Resp: 11114
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.2
 179 13.7 12.6 19.0



#72
 Carbazole
 Concen: 0.049 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.03 min
 Lab File: BF100870.D
 Acq: 23 Nov 2017 12:52

Tgt Ion:167 Resp: 611
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.6 26.4#
 139 0.0 10.9 16.3#





#73

Di-n-butylphthalate

Concen: 1.014 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.03 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

Instrument :

BNA_F

ClientSampleId :

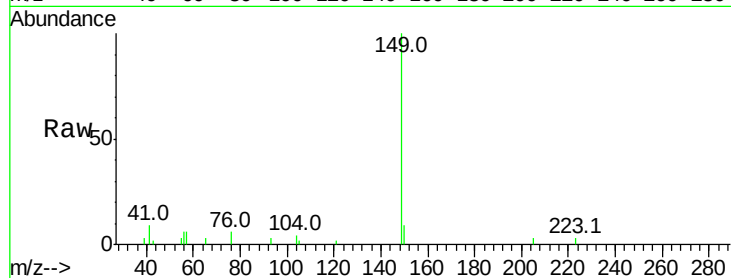
Tot Ion:149 Resp: 14744

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

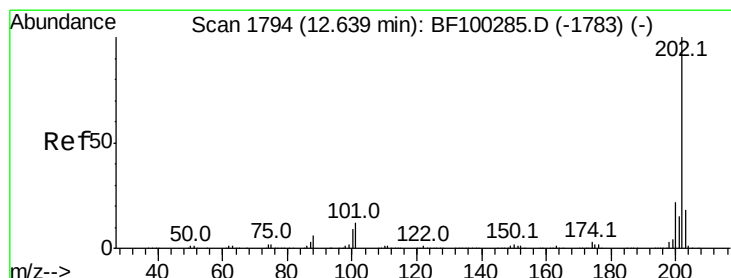
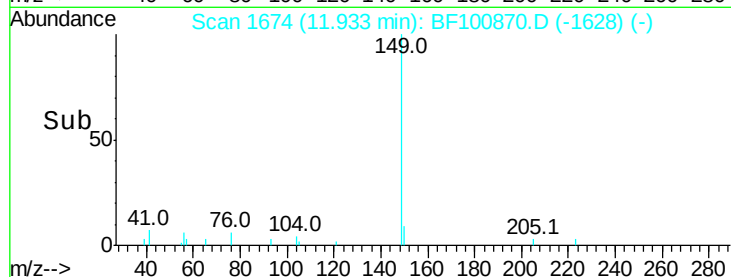
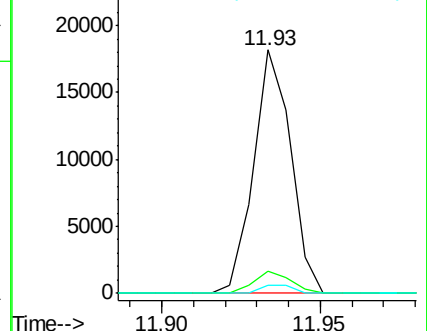
104 3.5 3.8 5.8#



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: 0.299 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.03 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

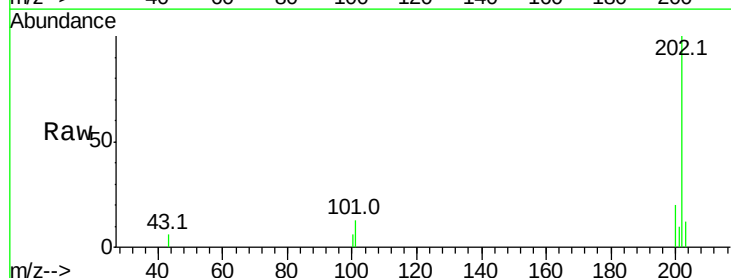
Tgt Ion:202 Resp: 4198

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

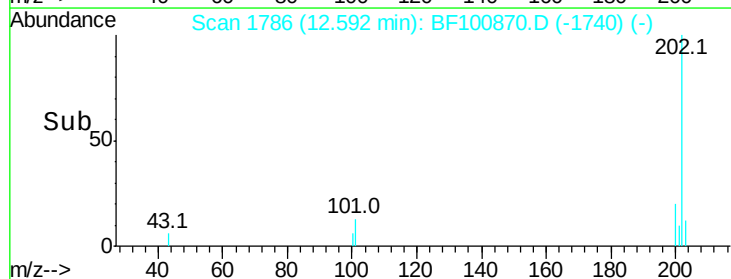
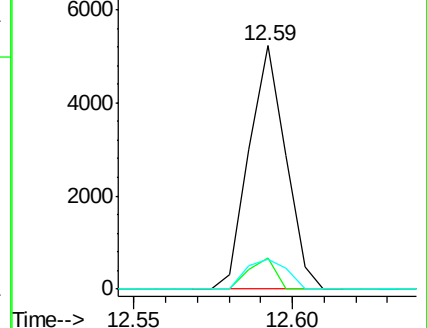
203 12.4 0.0 38.1

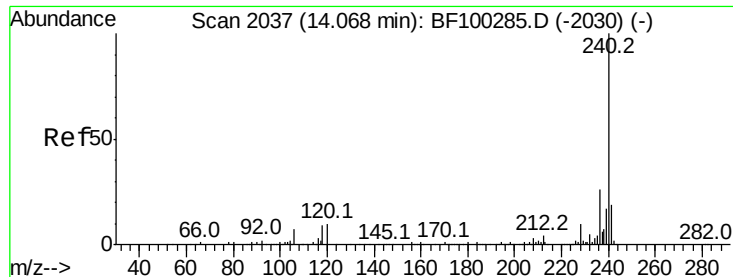


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

Instrument :

BNA_F

ClientSampleId :

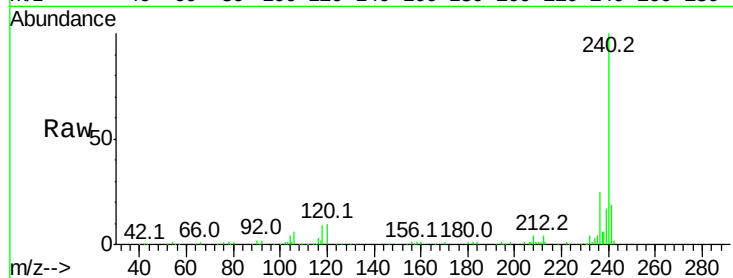
Tot Ion:240 Resp: 157923

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

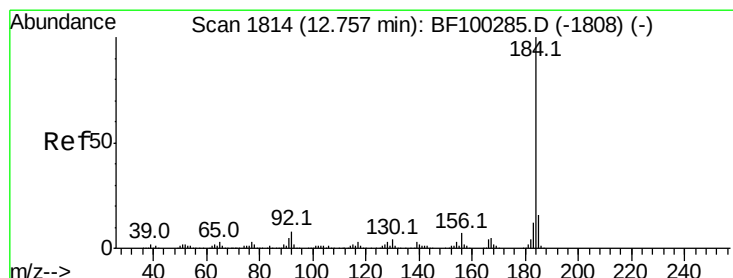
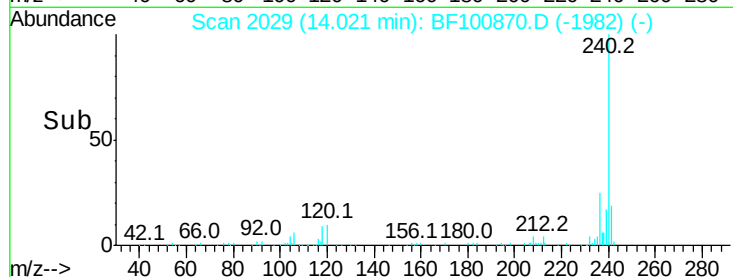
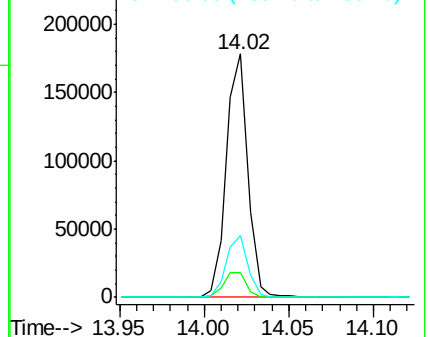
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.259 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.23 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

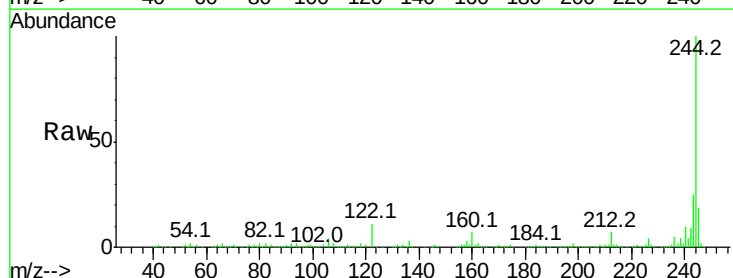
Tgt Ion:184 Resp: 7961

Ion Ratio Lower Upper

184 100

185 16.8 12.6 18.8

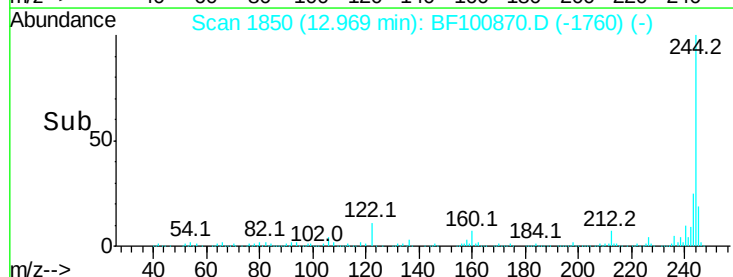
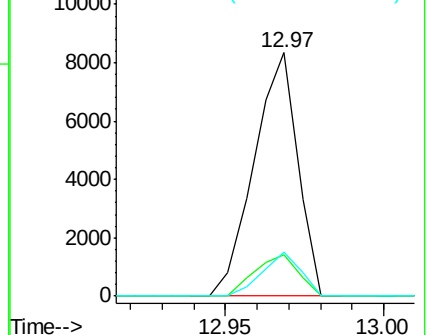
183 18.0 9.3 13.9#

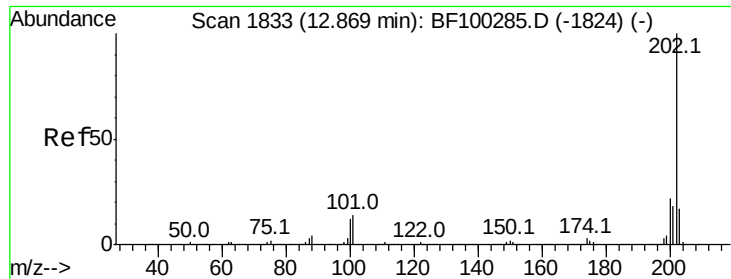


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

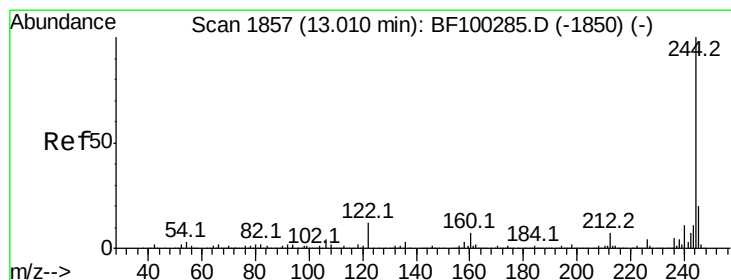
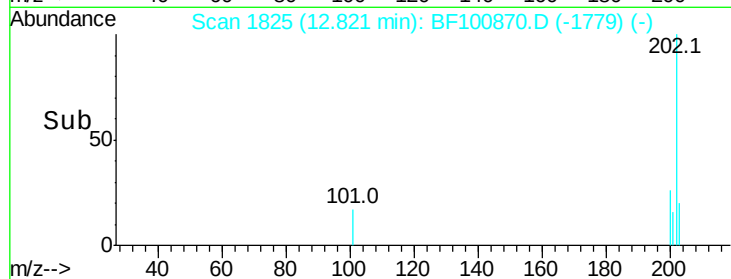
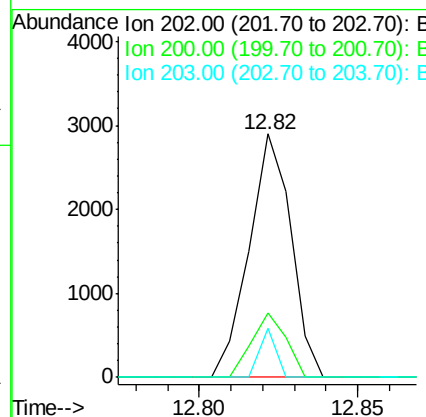
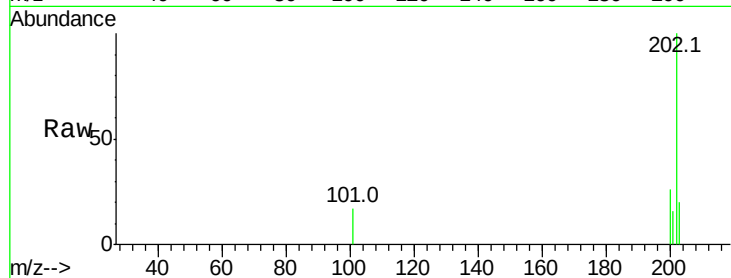




#77
Pvrene
Concen: 0.236 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

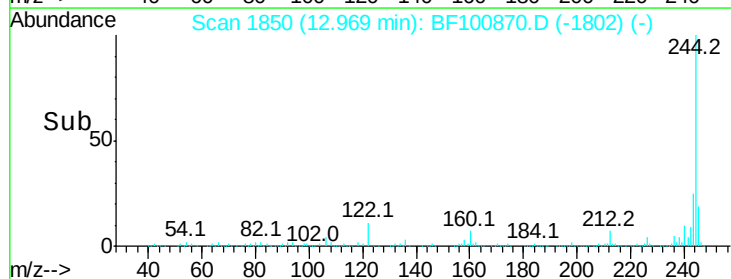
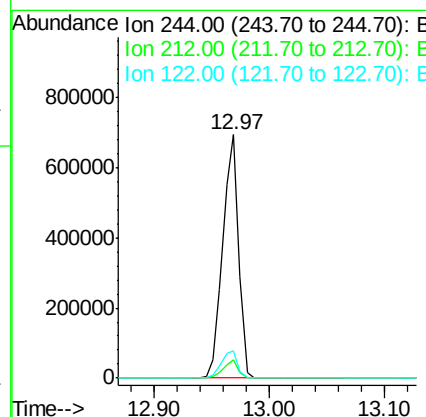
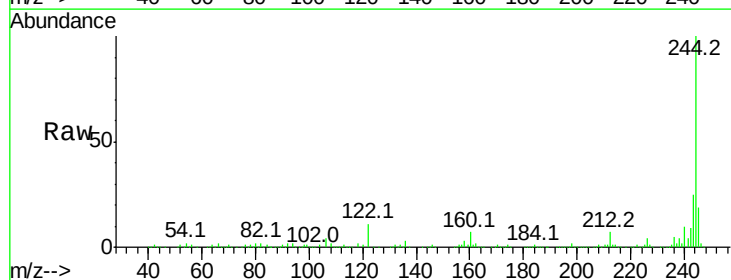
Instrument :
BNA_F
ClientSampleId :

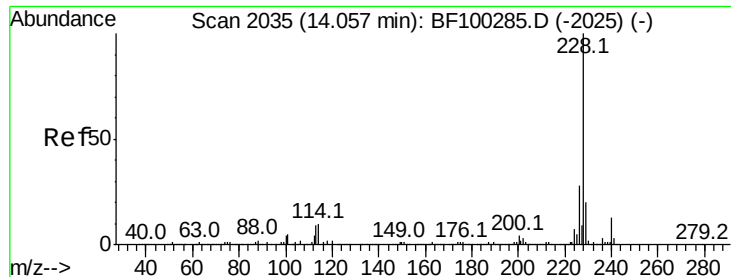
Tot Ion:202 Resp: 2661
Ion Ratio Lower Upper
202 100
200 26.4 17.4 26.2#
203 20.2 14.3 21.5



#78
Terphenyl-d14
Concen: 95.856 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.02 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

Tgt Ion:244 Resp: 658828
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 11.2 11.0 16.4





#80

Benzo(a)anthracene

Concen: 0.083 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

Instrument :

BNA_F

ClientSampleId :

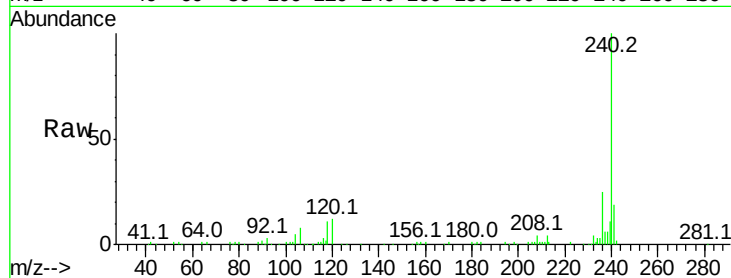
Tot Ion:228 Resp: 788

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

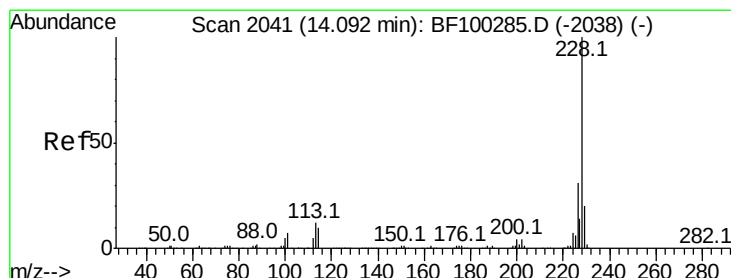
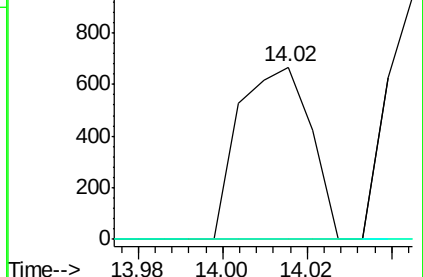
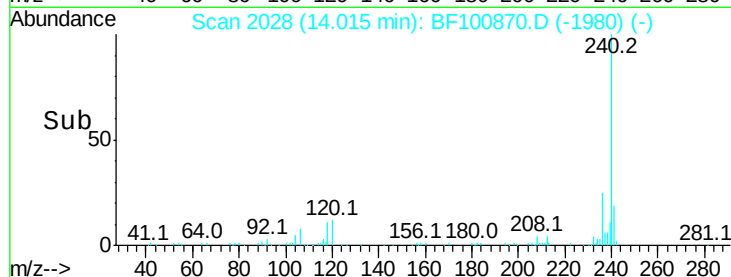
229 0.0 15.8 23.6#



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



#82

Chrysene

Concen: 0.075 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

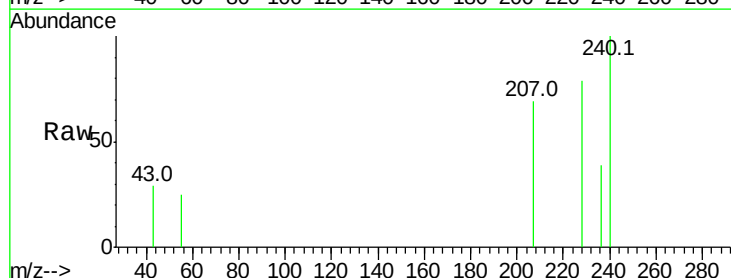
Tgt Ion:228 Resp: 693

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

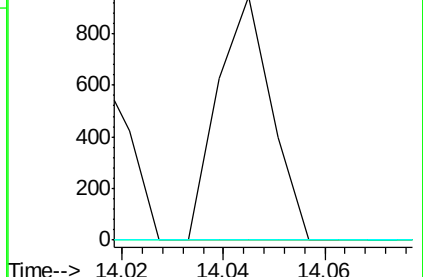
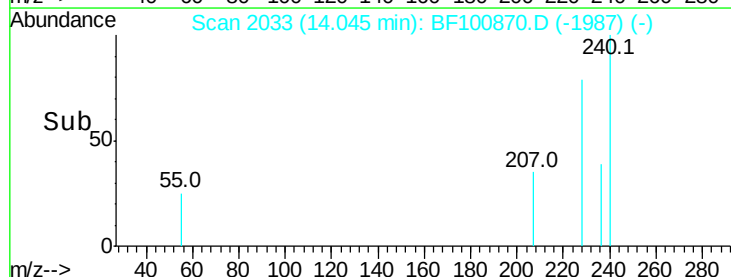
229 0.0 16.2 24.4#

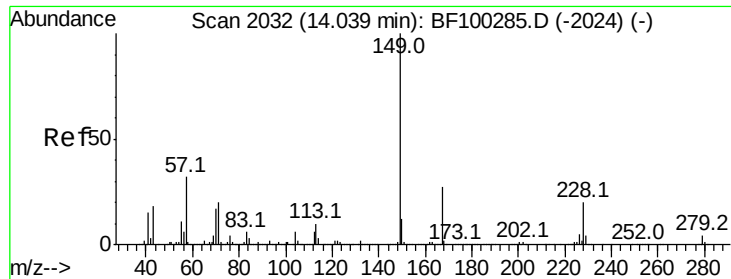


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.104 ng

RT: 13.99 min Scan# 2032

Delta R.T. -0.03 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

Instrument :

BNA_F

ClientSampleId :

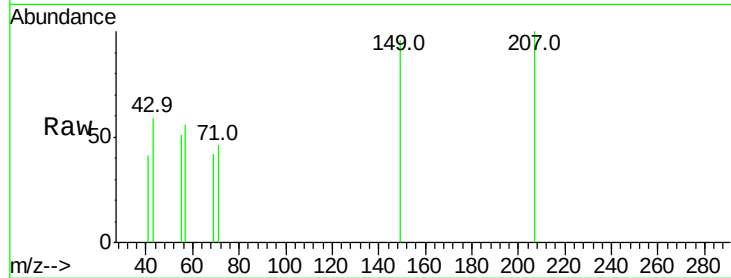
Tot Ion:149 Resp: 628

Ion Ratio Lower Upper

149 100

167 0.0 21.3 31.9#

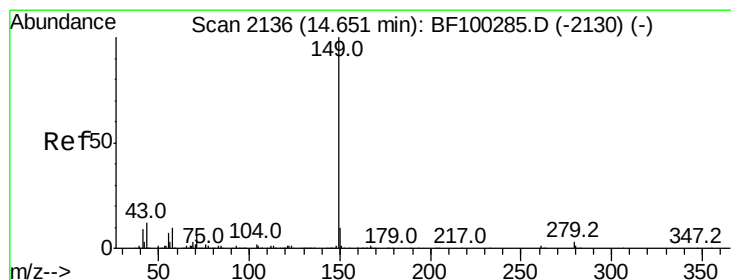
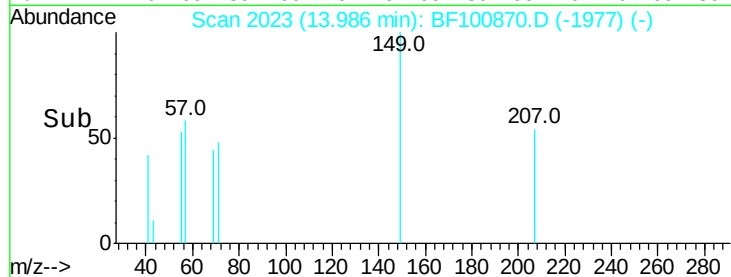
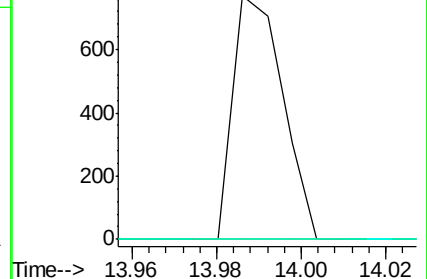
279 0.0 3.0 4.4#



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: 0.013 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.02 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

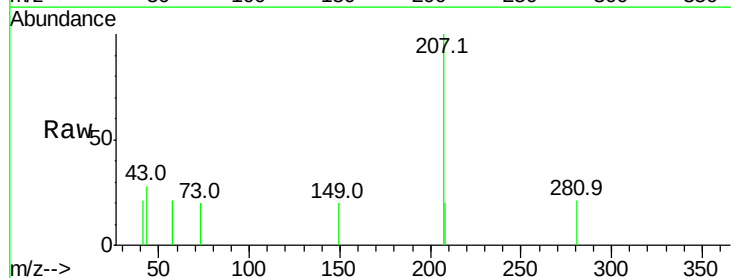
Tgt Ion:149 Resp: 131

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

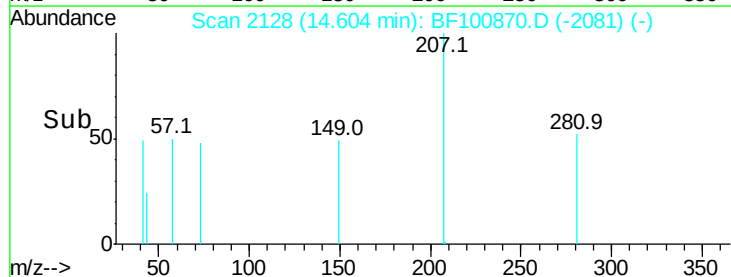
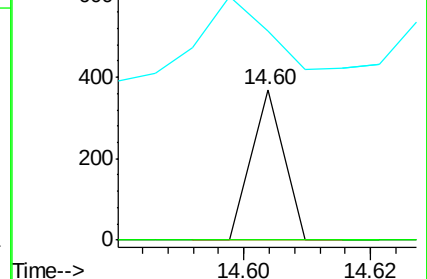
43 102.3 8.4 12.6#

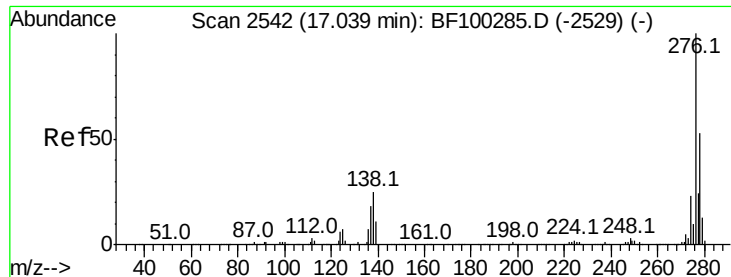


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

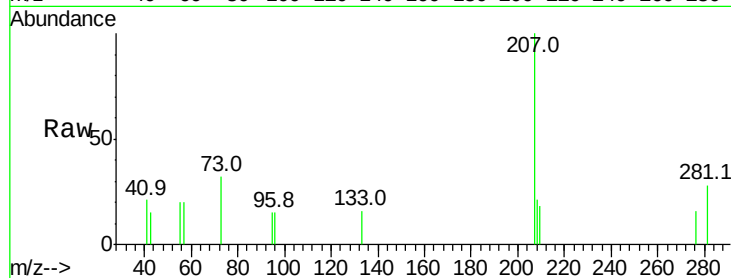




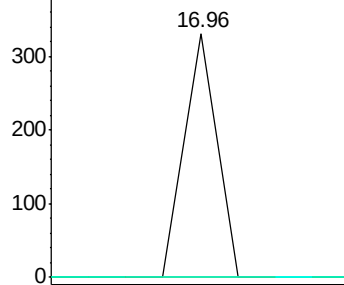
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.016 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.04 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

Instrument :
BNA_F
ClientSampleId :

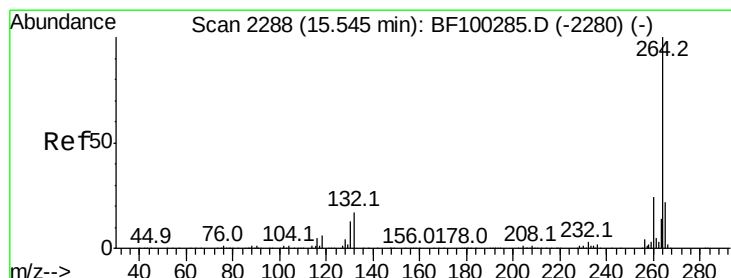
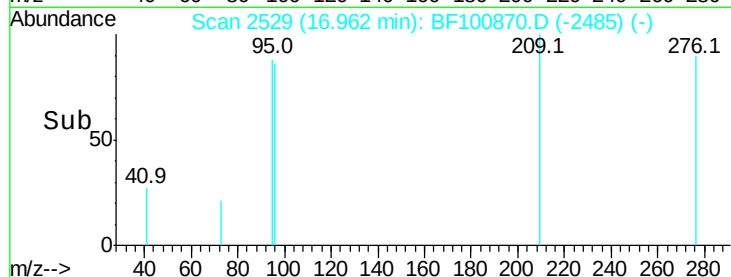
Tot Ion:276 Resp: 117
Ion Ratio Lower Upper
276 100
138 0.0 25.0 37.6#
277 0.0 20.1 30.1#



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

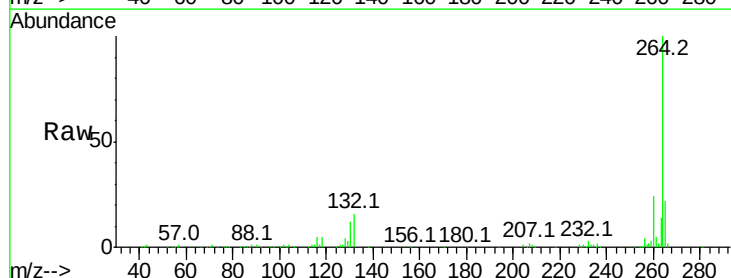


Time--> 16.94 16.96 16.98

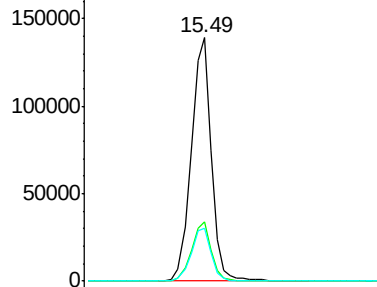


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF100870.D
Acq: 23 Nov 2017 12:52

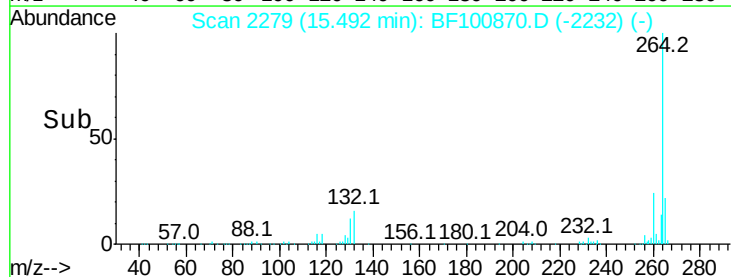
Tgt Ion:264 Resp: 175214
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.5 17.5 26.3

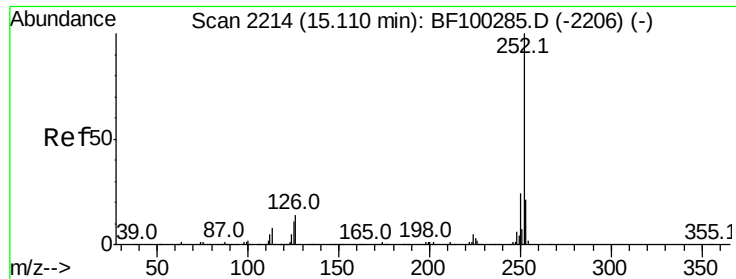


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time--> 15.40 15.50 15.60





#87

Benzo(b)fluoranthene

Concen: 0.064 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.03 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

Instrument :

BNA_F

ClientSampleId :

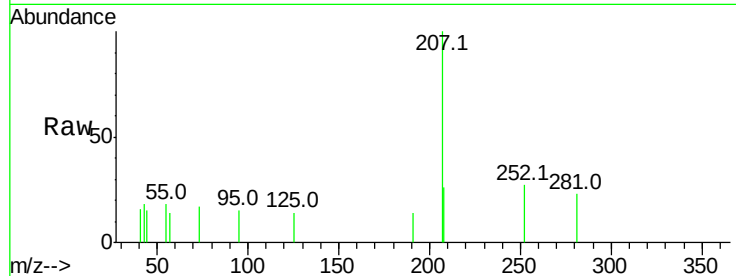
Tot Ion:252 Resp: 665

Ion Ratio Lower Upper

252 100

253 0.0 17.0 25.6#

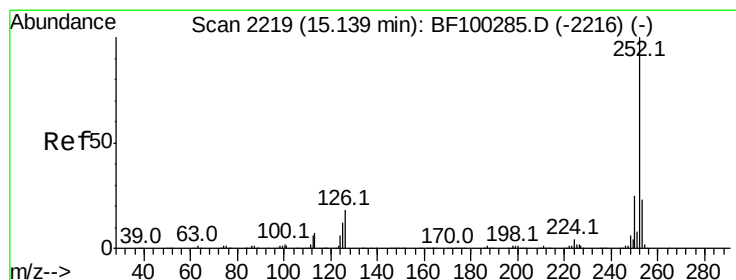
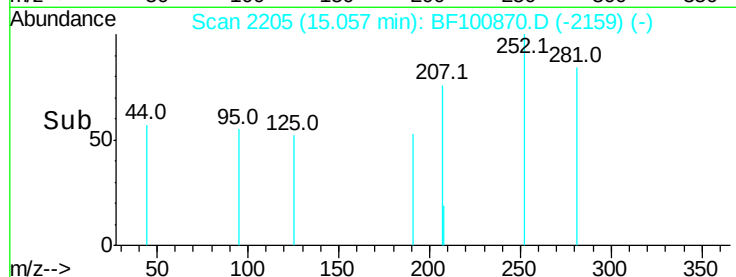
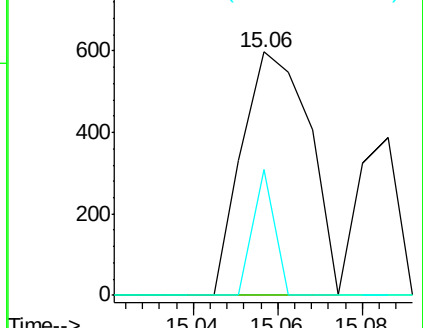
125 51.5 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 0.026 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.03 min

Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

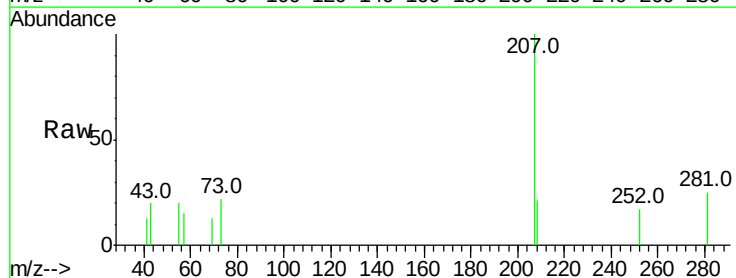
Tgt Ion:252 Resp: 252

Ion Ratio Lower Upper

252 100

253 0.0 17.9 26.9#

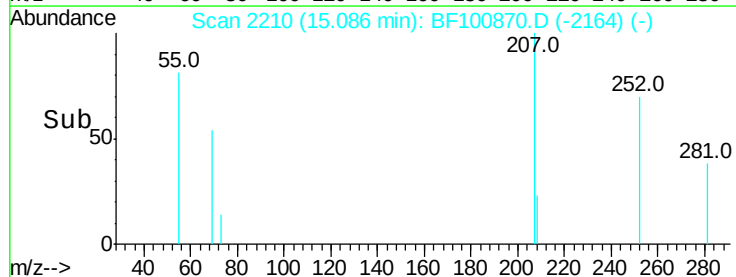
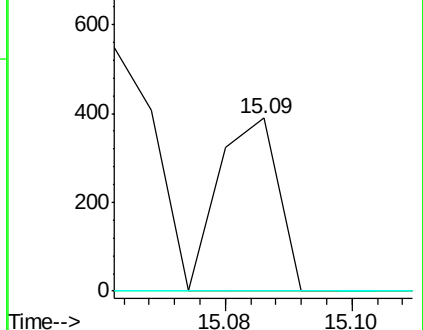
125 0.0 10.2 15.2#

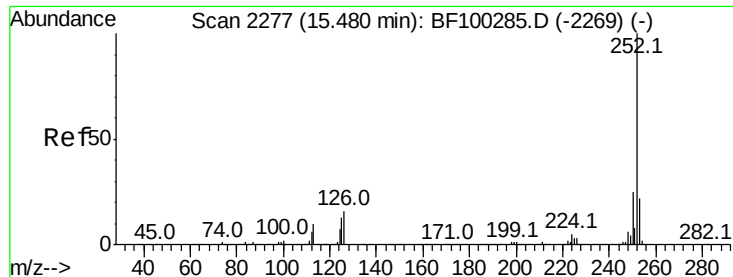


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.032 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.04 min

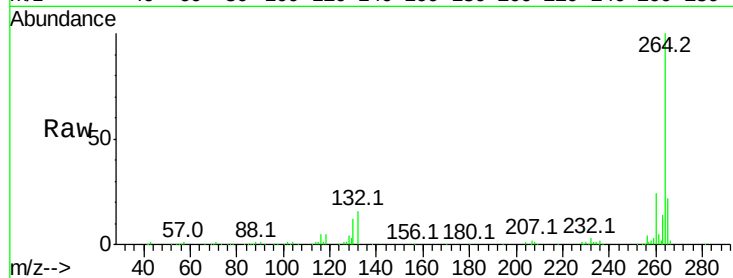
Lab File: BF100870.D

Acq: 23 Nov 2017 12:52

Instrument :

BNA_F

ClientSampleId :



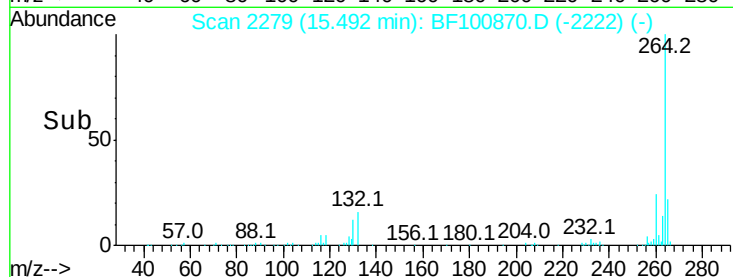
Tot Ion:252 Resp: 296

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

