

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100897.D
 Acq On : 27 Nov 2017 17:35
 Operator : SJ/JU
 Sample : I6548-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 21:59:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	74883	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	283891	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	124312	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	198474	20.00	ng	0.00
75) Chrysene-d12	14.02	240	151934	20.00	ng	0.00
86) Perylene-d12	15.49	264	157105	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	423964	90.76	ng	0.01
7) Phenol-d6	6.49	99	506759	87.97	ng	0.00
23) Nitrobenzene-d5	7.42	82	322145	75.02	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	117369	92.65	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	624492	76.49	ng	0.00
78) Terphenyl-d14	12.96	244	419456	63.43	ng	0.00

Target Compounds

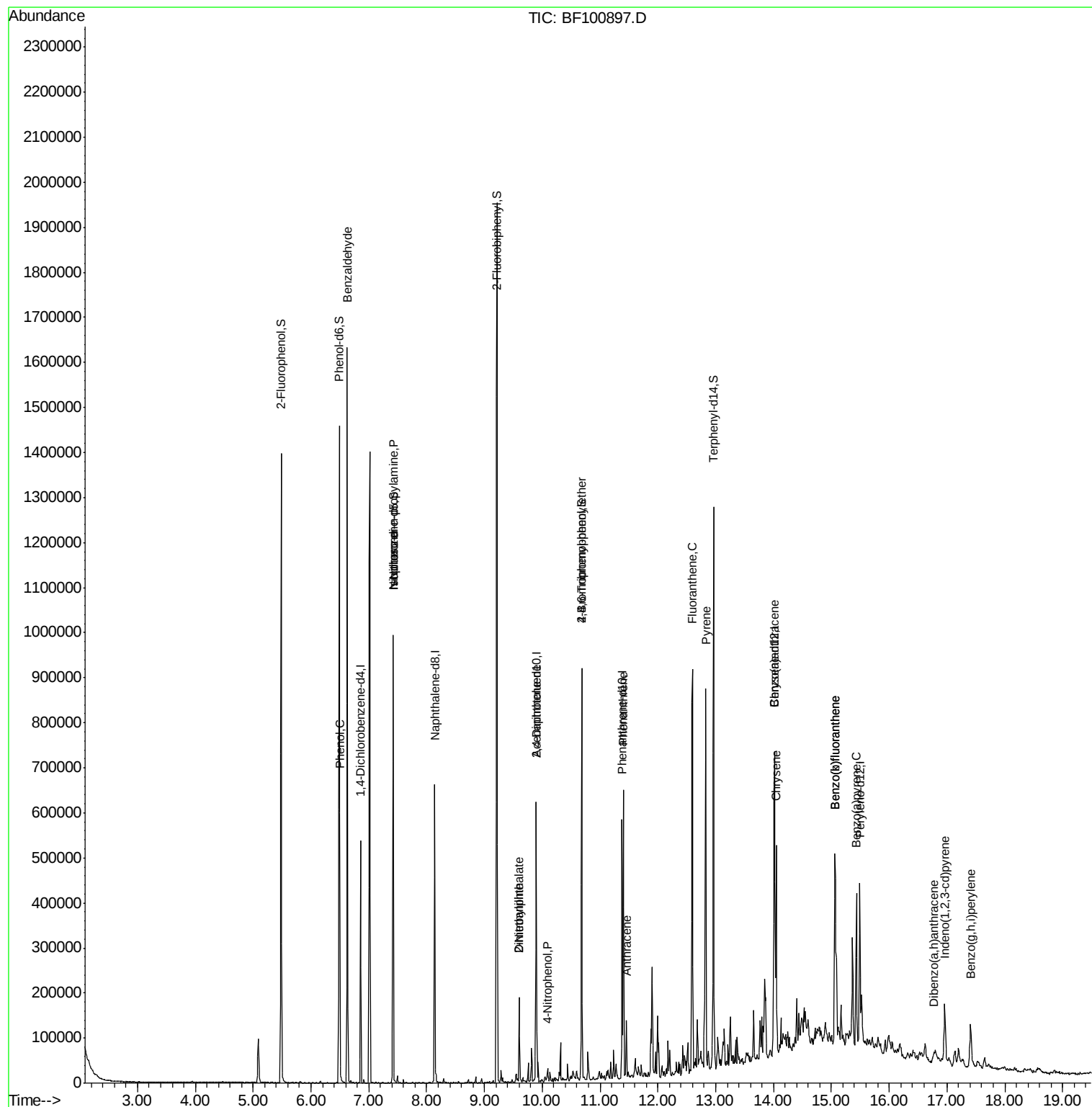
						Qvalue
9) Benzaldehyde	6.63	77	9212	2.239	ng	80
10) Phenol	6.50	94	18551	3.068	ng	95
19) n-Nitroso-di-n-propylamine	7.42	70	42757	10.703	ng	# 79
25) Isophorone	7.42	82	322202	35.707	ng	# 64
47) 2-Nitroaniline	9.60	65	572	3.018	ng	# 1
49) Dimethylphthalate	9.60	163	66439	7.000	ng	99
55) 4-Nitrophenol	10.10	139	3606	2.002	ng	# 9
56) 2,4-Dinitrotoluene	9.89	165	16392	6.916	ng	# 21
66) 4-Bromophenyl-phenylether	10.69	248	7274	3.419	ng	# 1
70) Phenanthrene	11.40	178	218684	20.927	ng	97
71) Anthracene	11.46	178	50323	4.747	ng	96
74) Fluoranthene	12.60	202	368786	33.299	ng	93
77) Pvrene	12.83	202	347151	32.053	ng	98
80) Benzo(a)anthracene	14.01	228	194830	21.294	ng	98
82) Chrysene	14.04	228	177655	20.051	ng	96
85) Indeno(1,2,3-cd)pyrene	16.96	276	82087	11.454	ng	# 92
87) Benzo(b)fluoranthene	15.06	252	307680	33.057	ng	97
88) Benzo(k)fluoranthene	15.06	252	307680	34.986	ng	97
89) Benzo(a)pvrene	15.43	252	165927	20.109	ng	97
90) Dibenzo(a,h)anthracene	16.77	278	21038	3.118	ng	97
91) Benzo(g,h,i)perylene	17.41	276	80086	12.124	ng	95

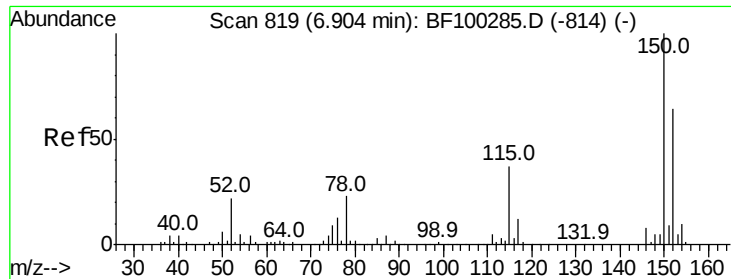
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100897.D
Acq On : 27 Nov 2017 17:35
Operator : SJ/JU
Sample : I6548-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 27 21:59:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 14:11:25 2017
Response via : Initial Calibration



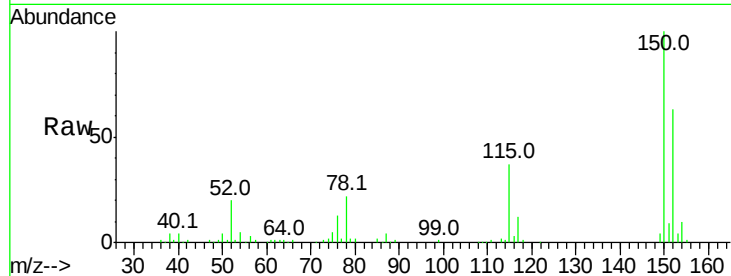


#1

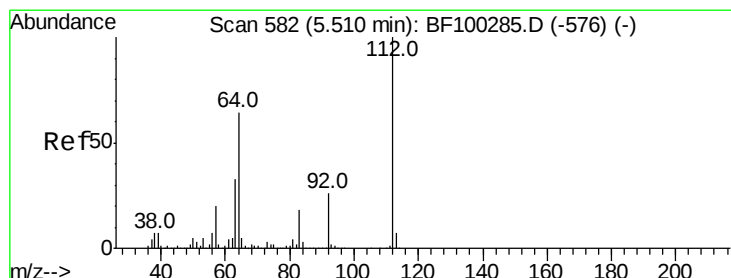
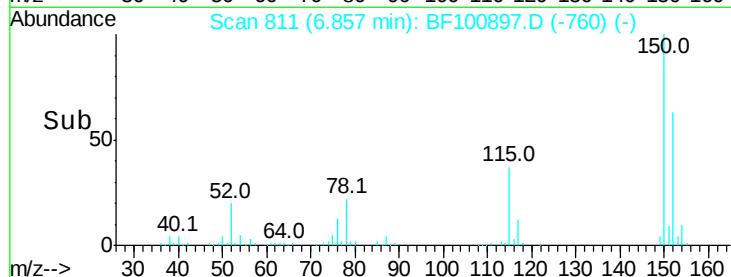
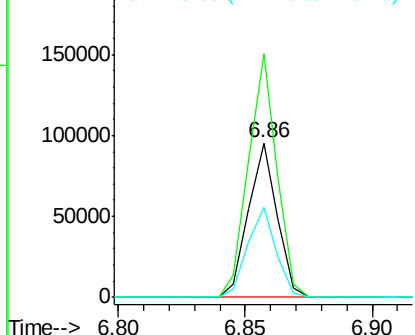
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100897.D
Acq: 27 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 74883
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 58.3 50.1 75.1



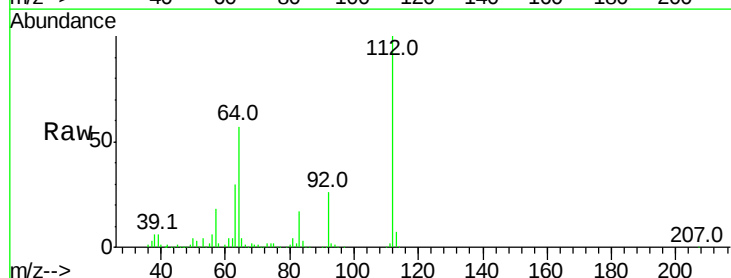
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



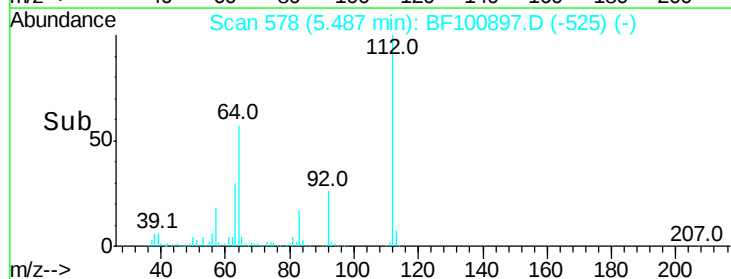
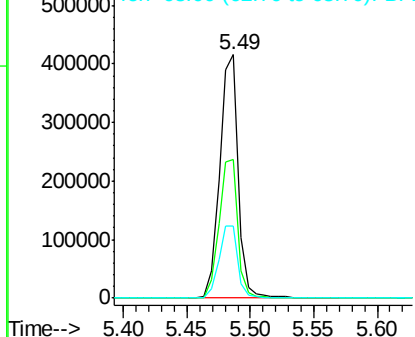
#5

2-Fluorophenol
Concen: 90.756 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF100897.D
Acq: 27 Nov 2017 17:35

Tgt Ion:112 Resp: 423964
Ion Ratio Lower Upper
112 100
64 56.7 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





#7

Phenol-d6

Concen: 87.971 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

Instrument :

BNA_F

ClientSampleId :

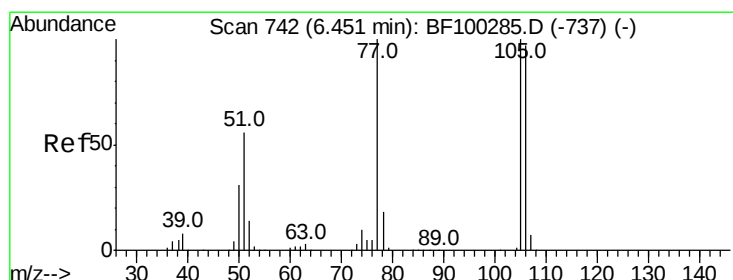
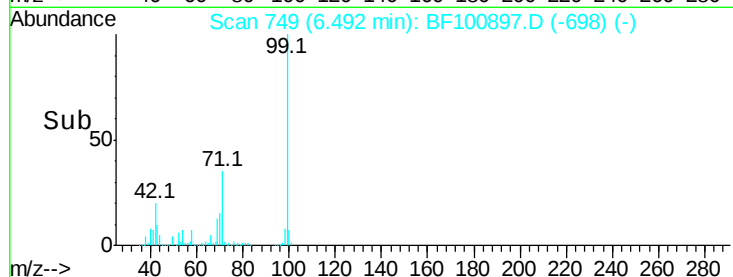
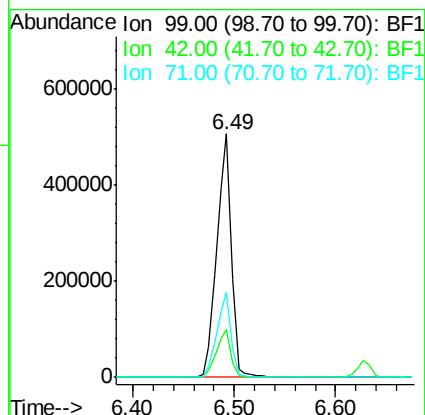
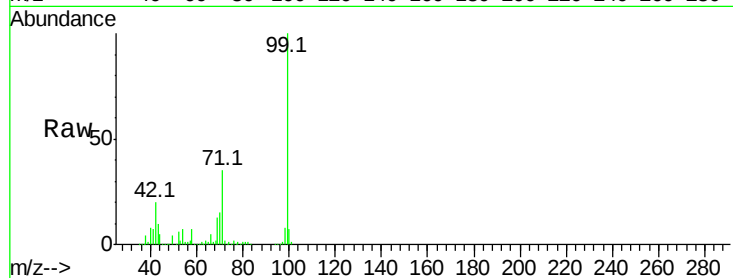
Tot Ion: 99 Resp: 506759

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 34.9 25.4 38.0



#9

Benzaldehyde

Concen: 2.239 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

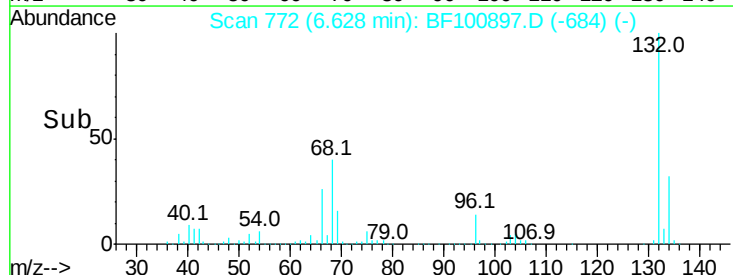
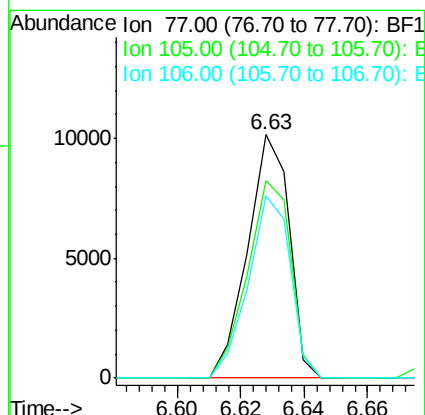
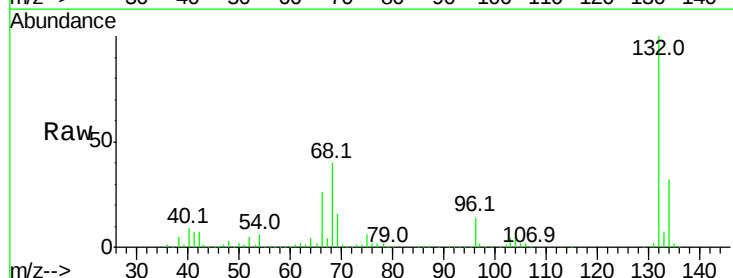
Tgt Ion: 77 Resp: 9212

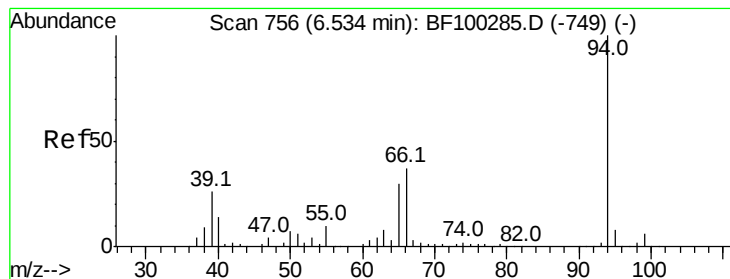
Ion Ratio Lower Upper

77 100

105 81.2 81.1 121.1

106 74.7 74.5 114.5





#10

Phenol

Concen: 3.068 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

Instrument :

BNA_F

ClientSampleId :

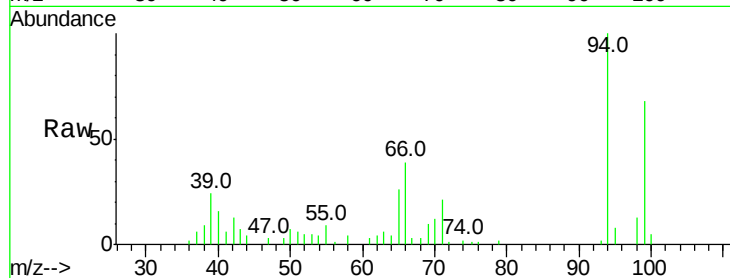
Tot Ion: 94 Resp: 18551

Ion Ratio Lower Upper

94 100

65 25.6 7.9 47.9

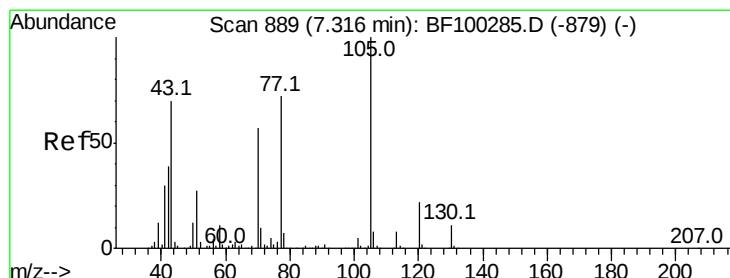
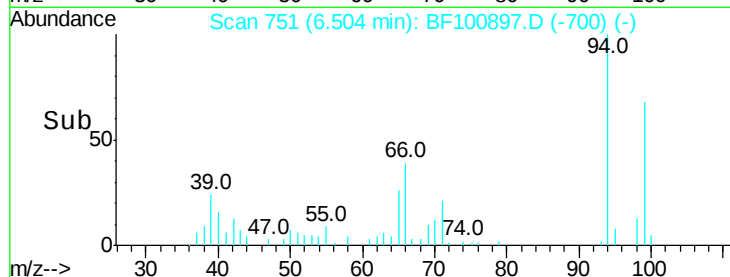
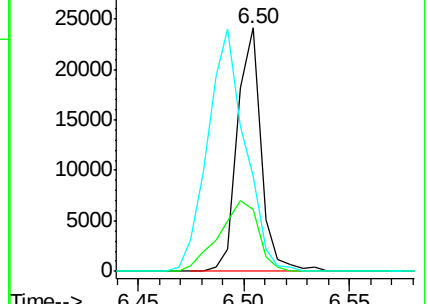
66 39.2 16.2 56.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.703 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

Tgt Ion: 70 Resp: 42757

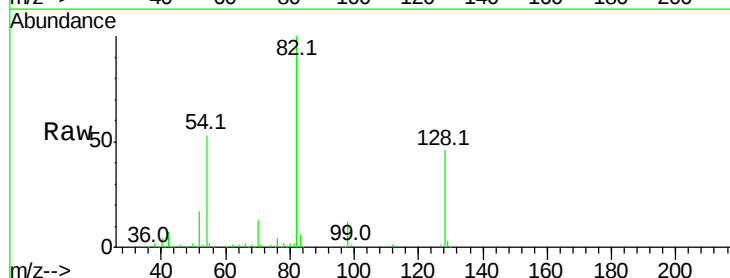
Ion Ratio Lower Upper

70 100

42 48.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

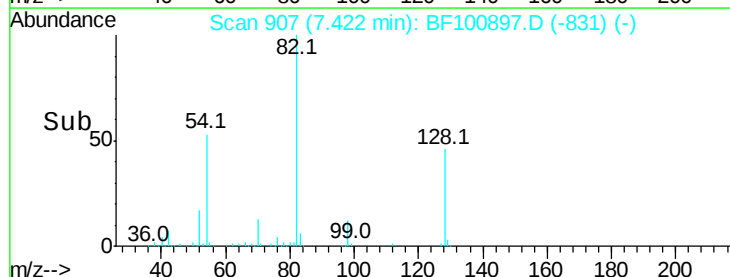
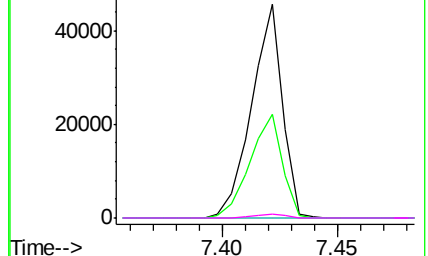


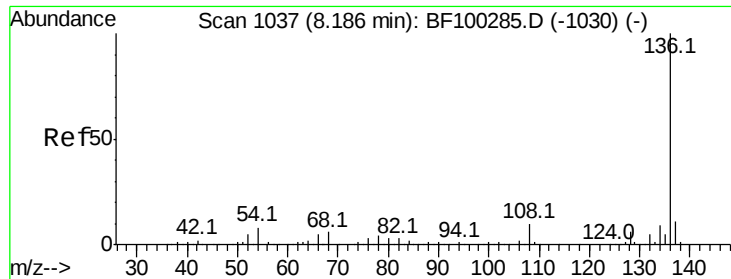
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

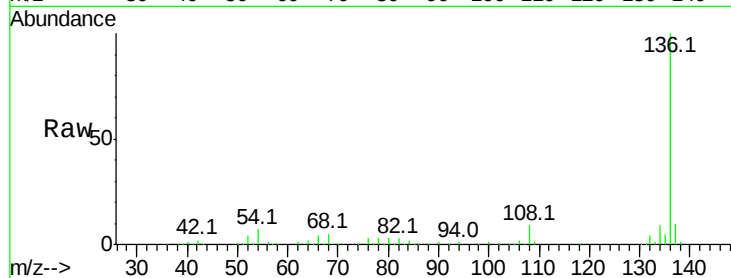




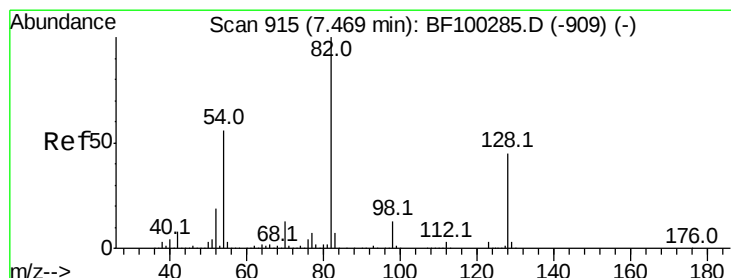
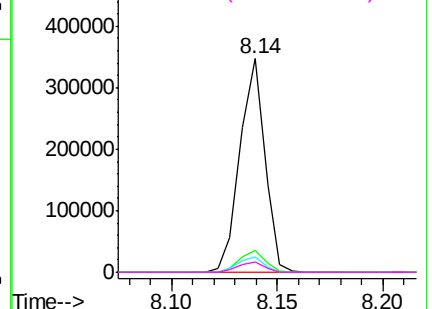
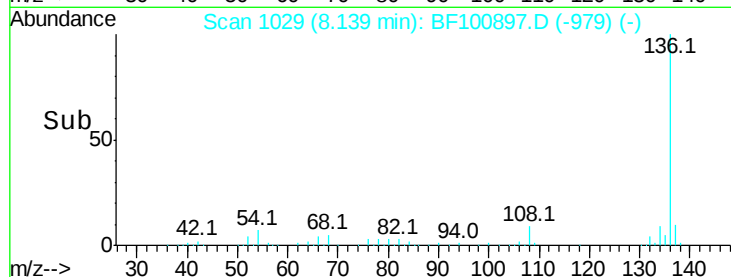
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF100897.D
Acq: 27 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	283891
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.4	6.6	9.8
68	4.6	5.0	7.4#

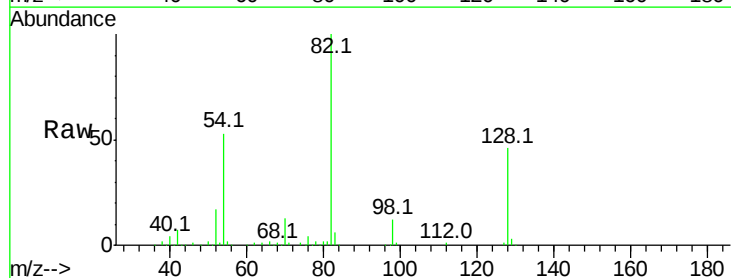


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

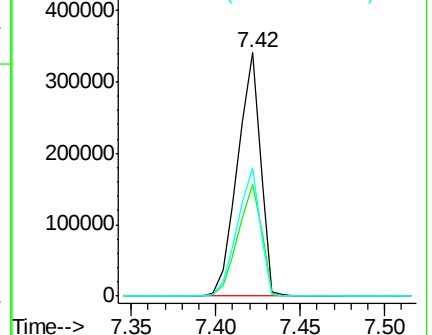
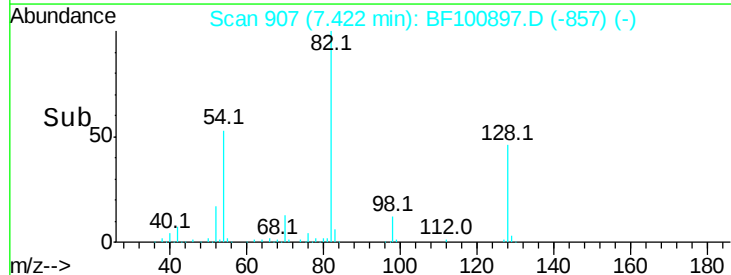


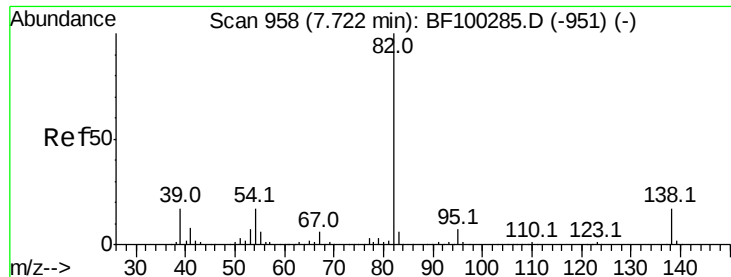
#23
Nitrobenzene-d5
Concen: 75.022 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100897.D
Acq: 27 Nov 2017 17:35

Tgt Ion:	82	Resp:	322145
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	52.6	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 35.707 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

Instrument :

BNA_F

ClientSampleId :

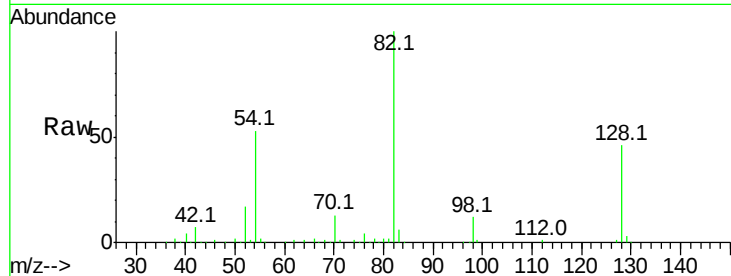
Tot Ion: 82 Resp: 322202

Ion Ratio Lower Upper

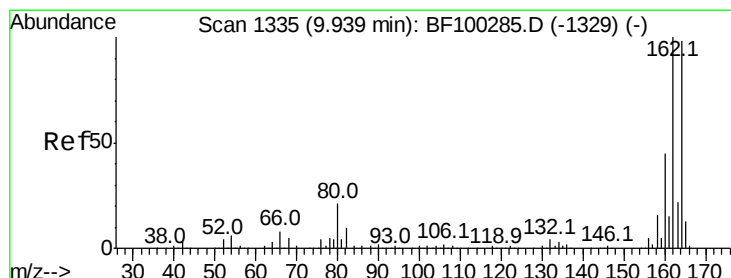
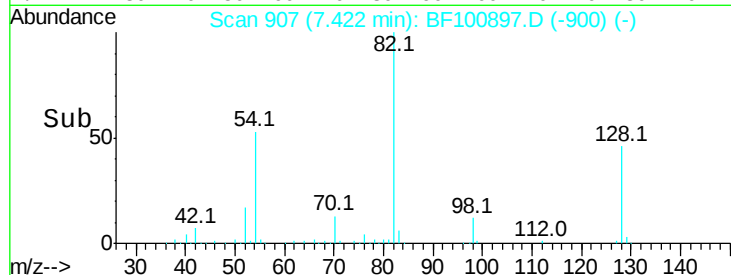
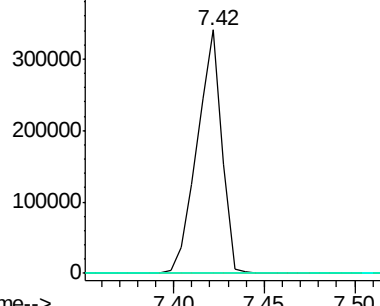
82 100

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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

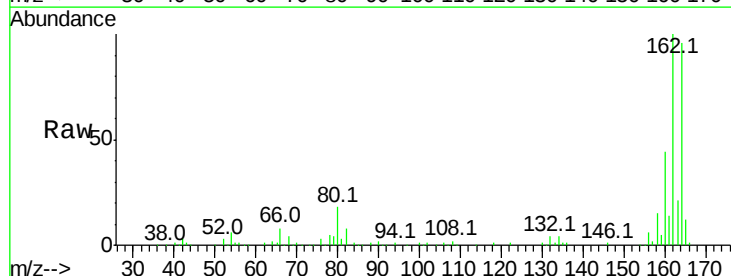
Tgt Ion:164 Resp: 124312

Ion Ratio Lower Upper

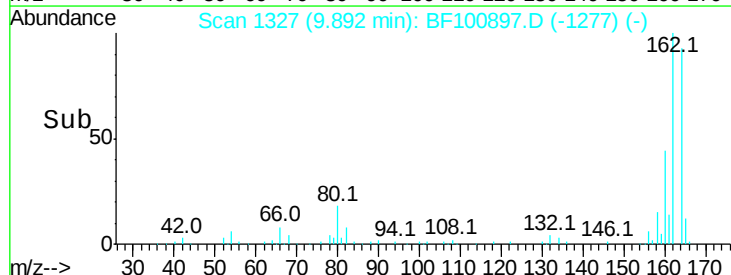
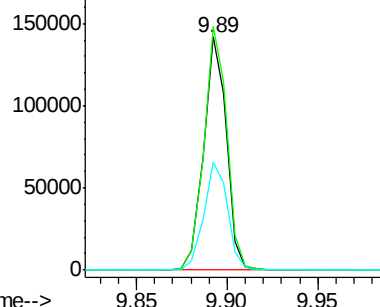
164 100

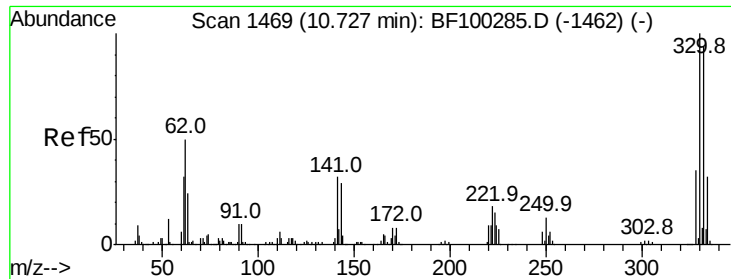
162 104.5 86.1 129.1

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

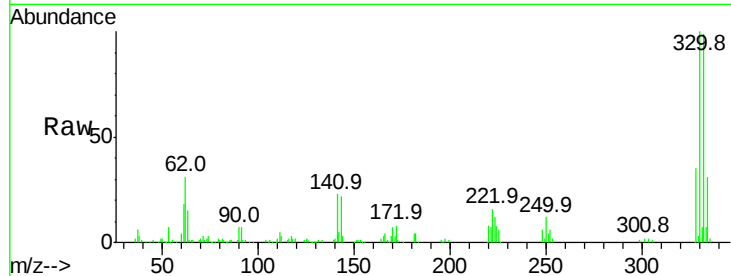




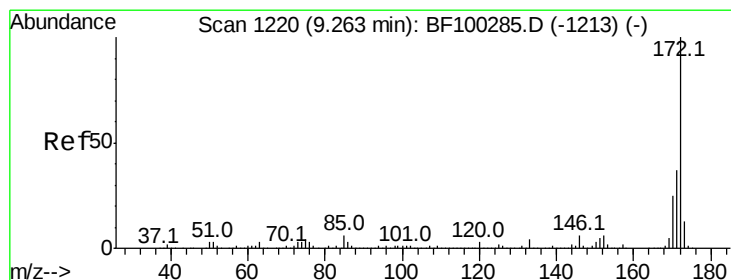
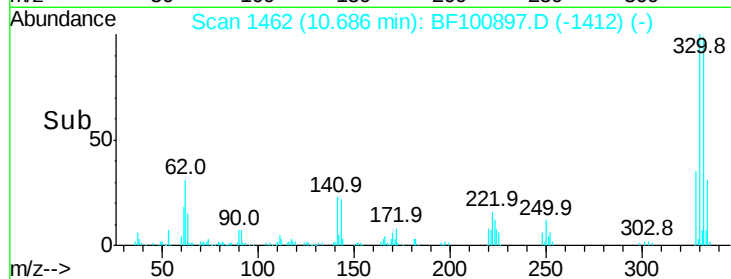
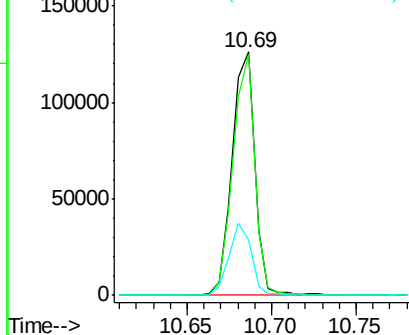
#41
 2,4,6-Tribromophenol
 Concen: 92.654 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF100897.D
 Acq: 27 Nov 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	29.2	29.9	44.9#

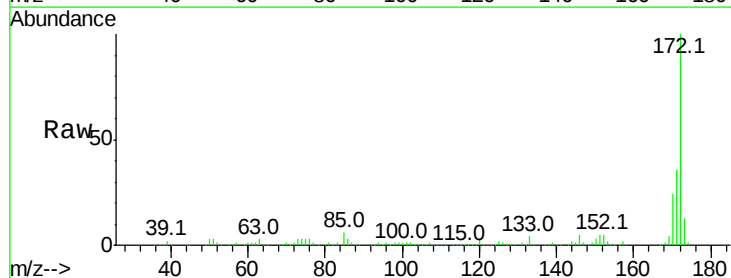


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

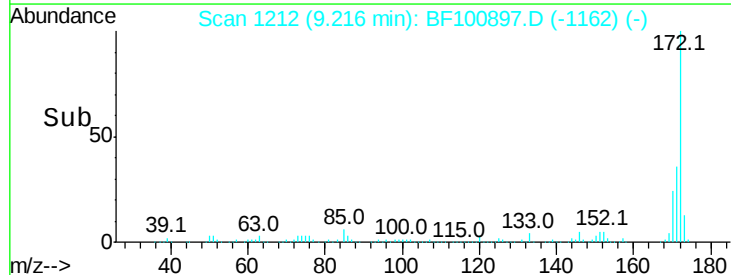
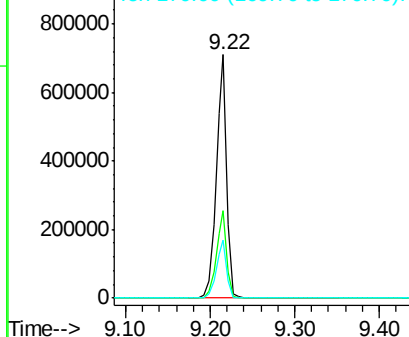


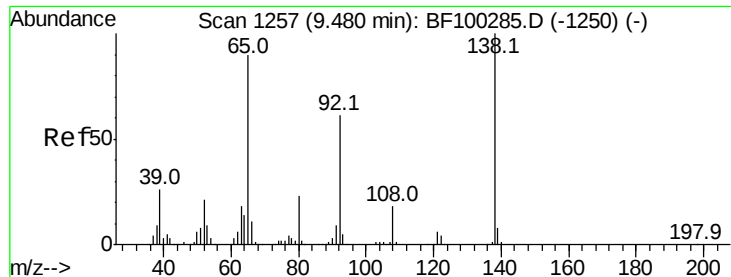
#44
 2-Fluorobiphenyl
 Concen: 76.495 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100897.D
 Acq: 27 Nov 2017 17:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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

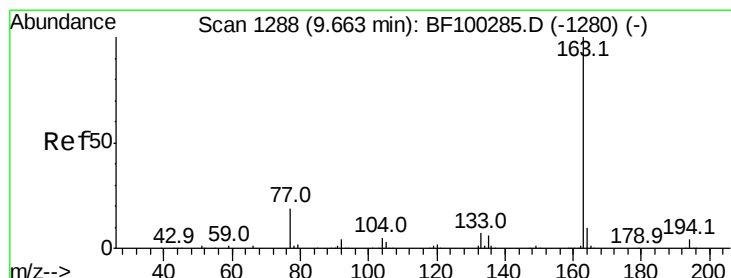
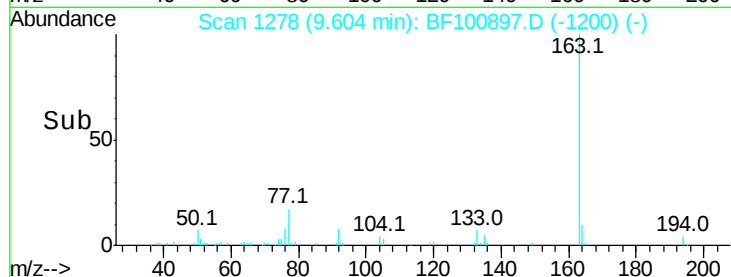
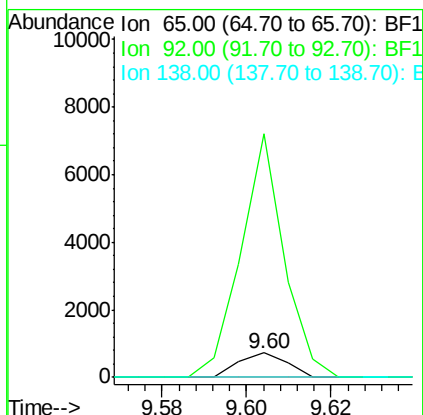
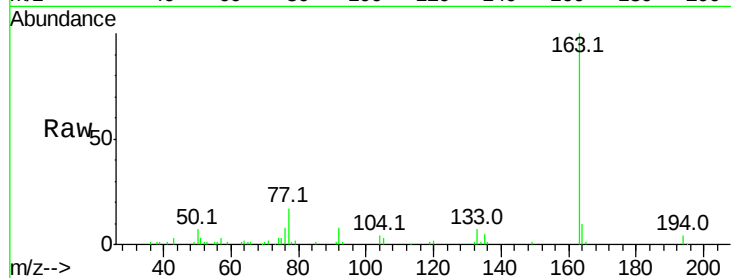




#47
2-Nitroaniline
Concen: 3.018 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.16 min
Lab File: BF100897.D
Acq: 27 Nov 2017 17:35

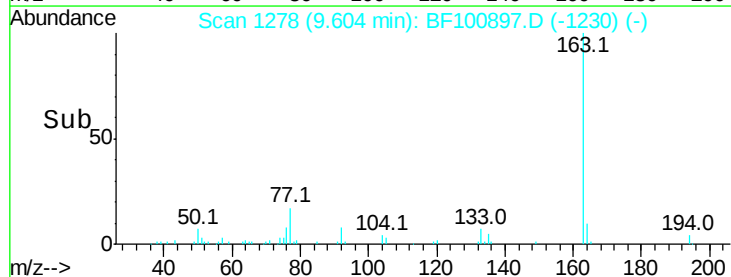
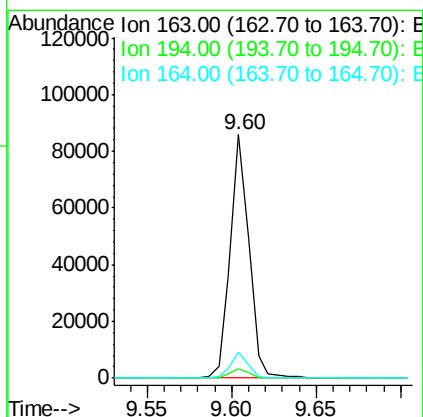
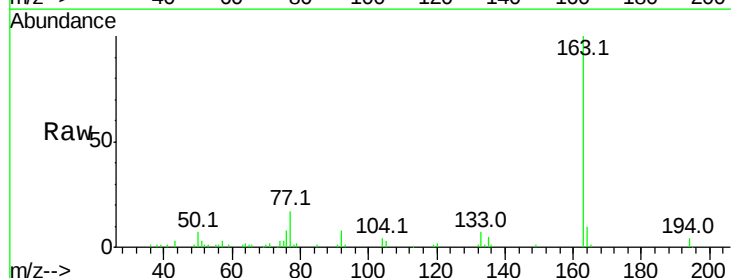
Instrument :
BNA_F
ClientSampleId :

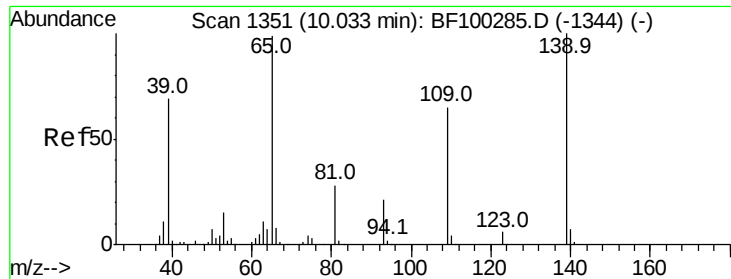
Tot Ion: 65 Resp: 572
Ion Ratio Lower Upper
65 100
92 988.9 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 7.000 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100897.D
Acq: 27 Nov 2017 17:35

Tgt Ion:163 Resp: 66439
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.5 8.2 12.2





#55

4-Nitrophenol

Concen: 2.002 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.09 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

Instrument :

BNA_F

ClientSampleId :

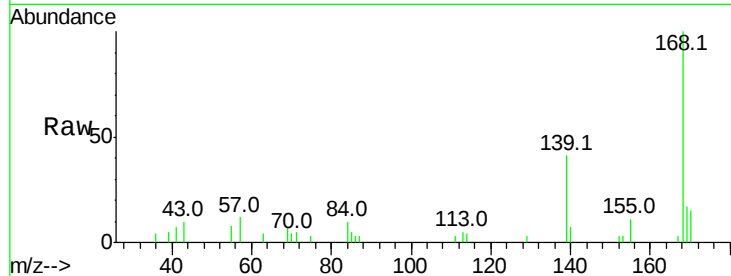
Tot Ion:139 Resp: 3606

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

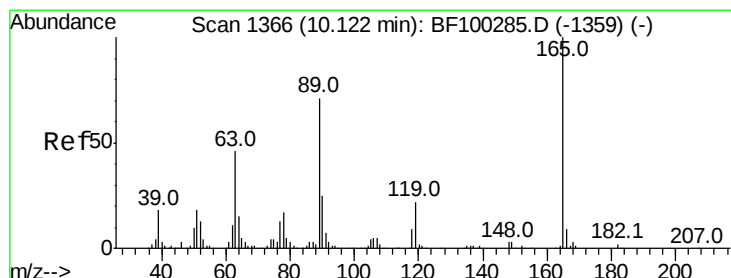
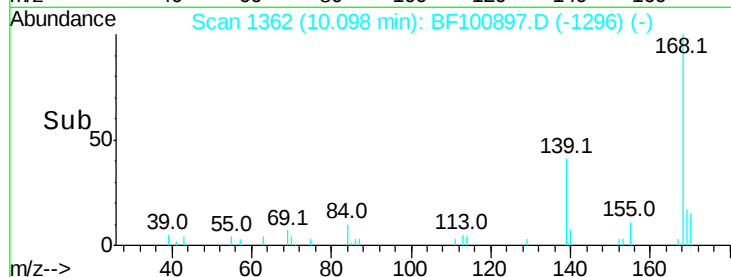
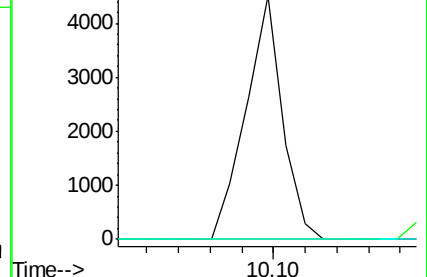
65 0.0 72.6 112.6#



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: 6.916 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

Tgt Ion:165 Resp: 16392

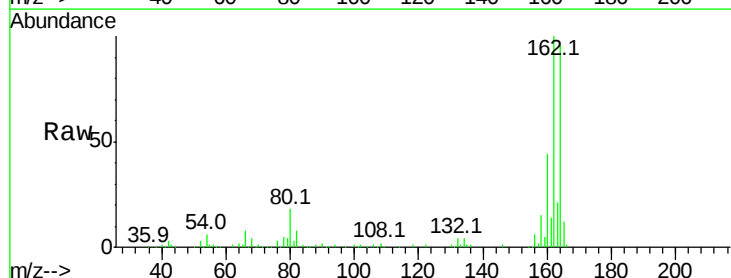
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

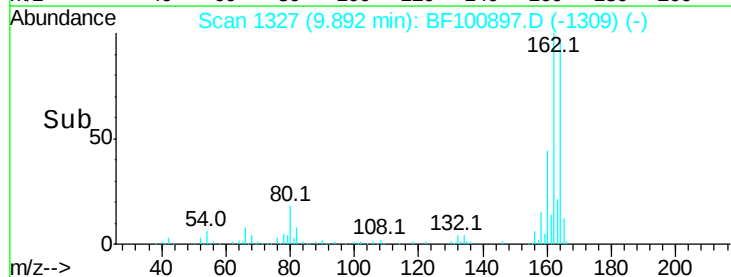
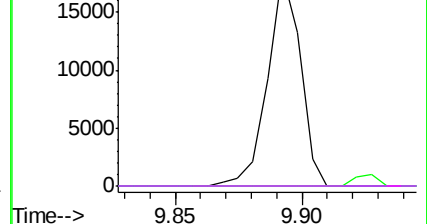


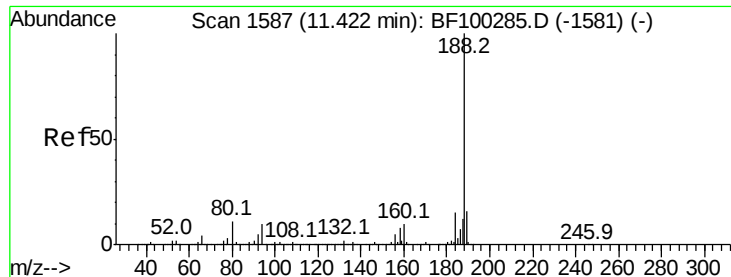
Abundance Ion 165.00 (164.70 to 165.70): E

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

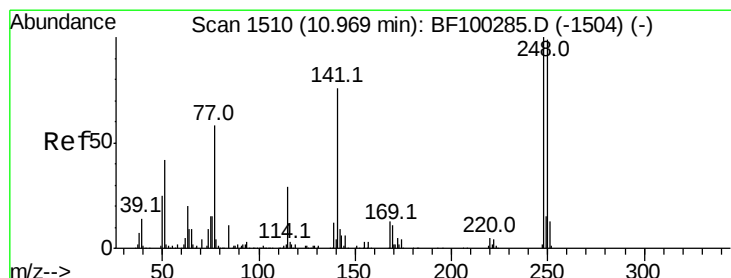
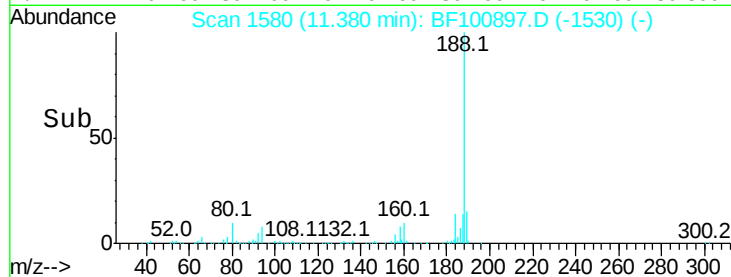
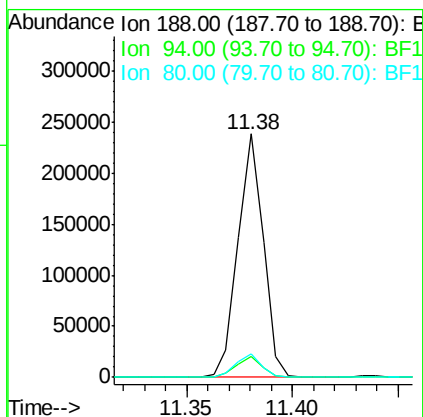
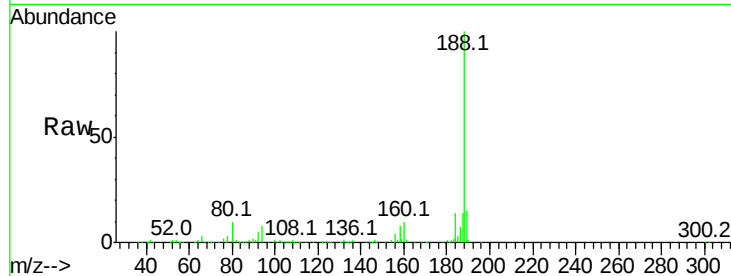




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100897.D
Acq: 27 Nov 2017 17:35

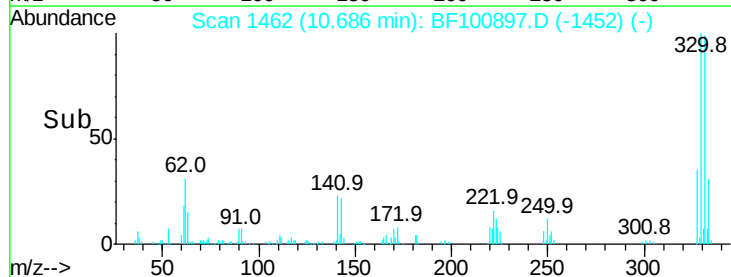
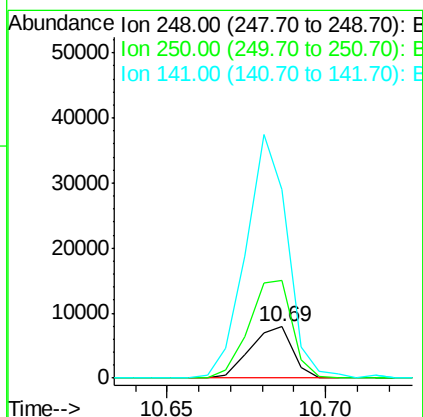
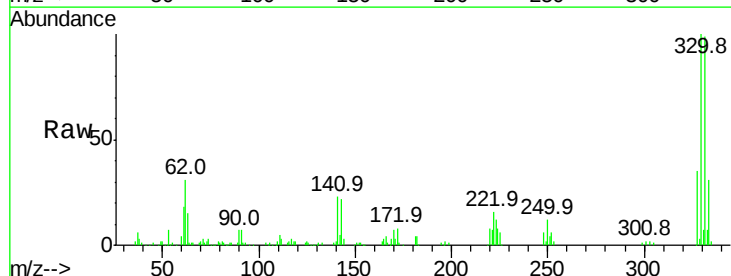
Instrument :
BNA_F
ClientSampleId :

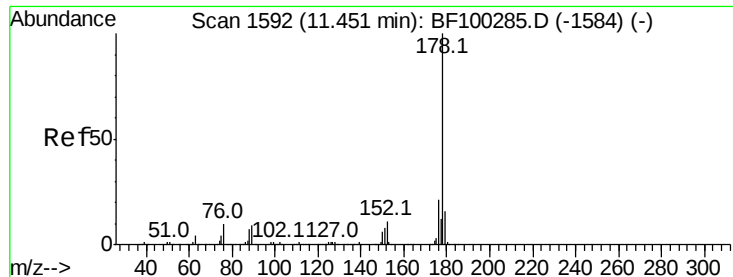
Tot Ion:188 Resp: 198474
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.5 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.419 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100897.D
Acq: 27 Nov 2017 17:35

Tgt Ion:248 Resp: 7274
Ion Ratio Lower Upper
248 100
250 189.7 76.9 115.3#
141 367.0 74.4 111.6#

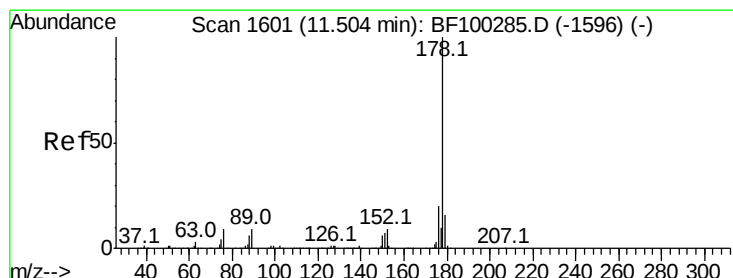
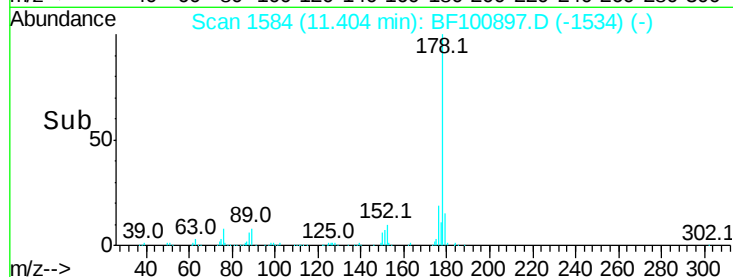
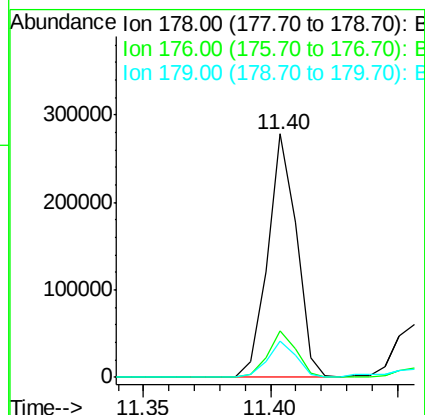
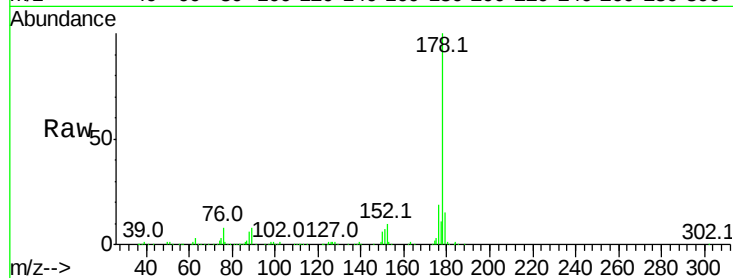




#70
Phenanthrene
Concen: 20.927 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100897.D
Acq: 27 Nov 2017 17:35

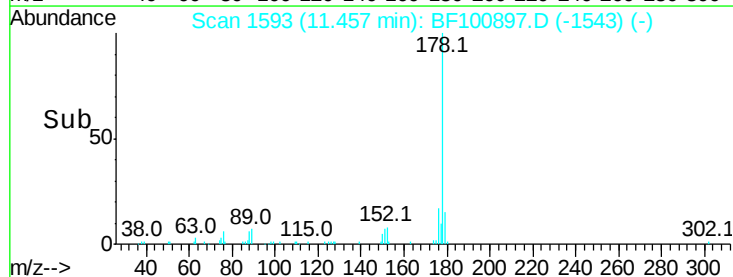
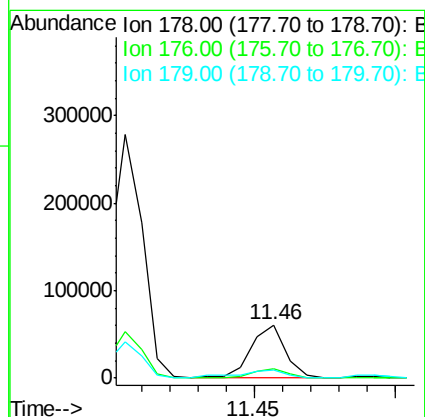
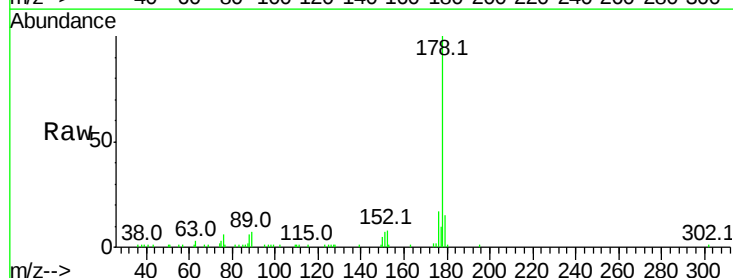
Instrument :
BNA_F
ClientSampleId :

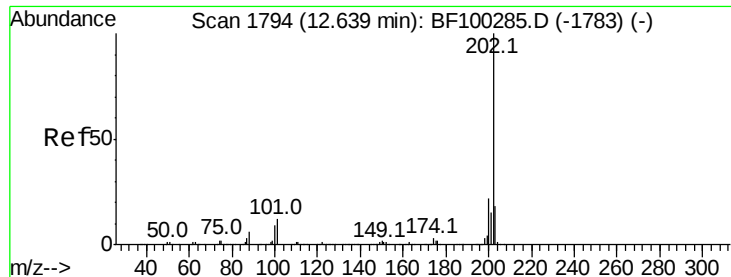
Tot Ion:178 Resp: 218684
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 14.8 13.0 19.6



#71
Anthracene
Concen: 4.747 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF100897.D
Acq: 27 Nov 2017 17:35

Tgt Ion:178 Resp: 50323
Ion Ratio Lower Upper
178 100
176 16.9 15.4 23.2
179 15.1 12.6 19.0





#74

Fluoranthene

Concen: 33.299 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

Instrument :

BNA_F

ClientSampled :

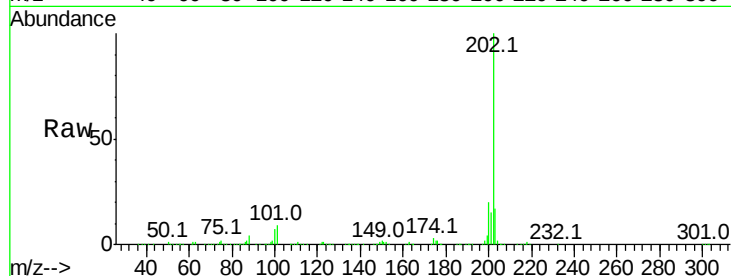
Tot Ion:202 Resp: 368786

Ion Ratio Lower Upper

202 100

101 9.2 0.0 34.1

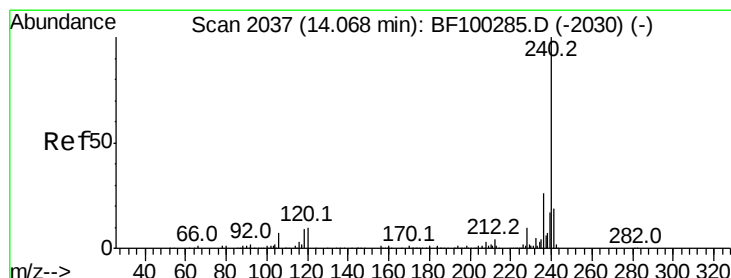
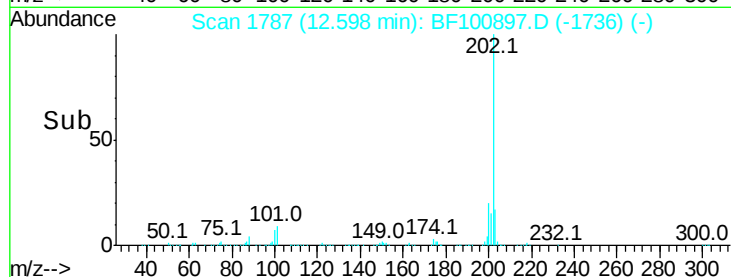
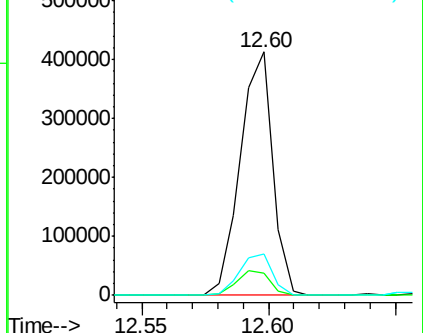
203 16.9 0.0 38.1



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. -0.01 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

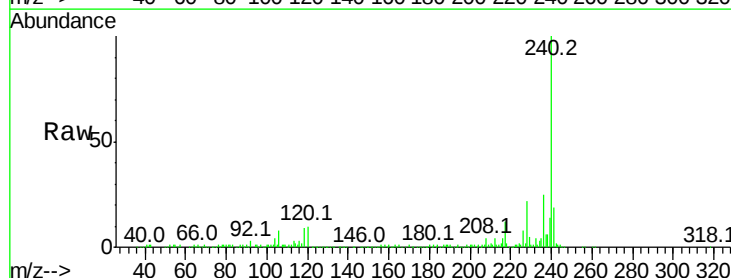
Tgt Ion:240 Resp: 151934

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

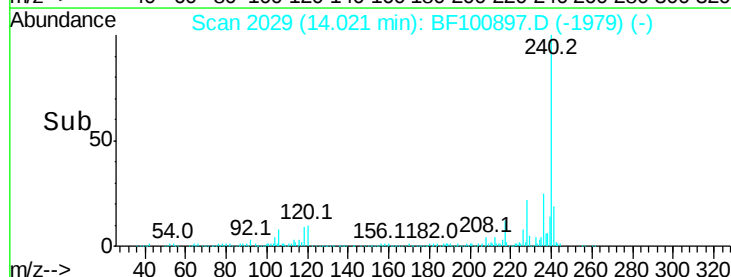
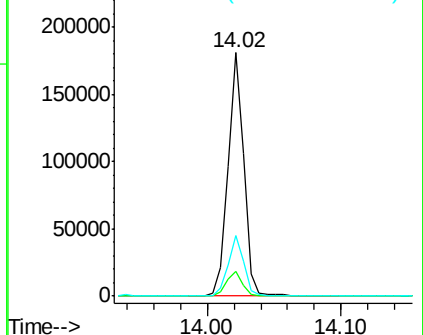
236 24.8 20.7 31.1

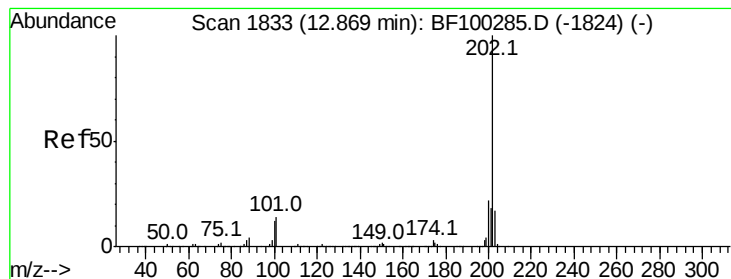


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 32.053 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

Instrument :

BNA_F

ClientSampled :

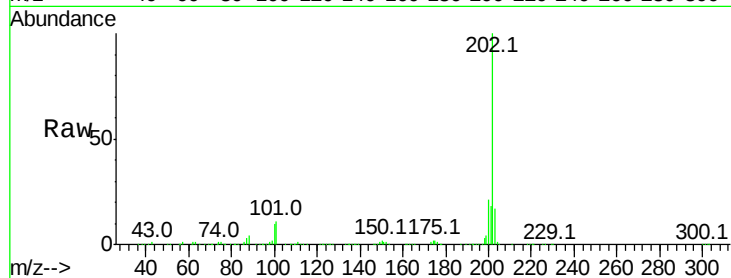
Tot Ion:202 Resp: 347151

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

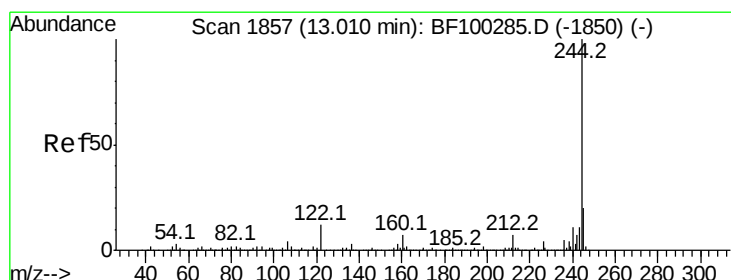
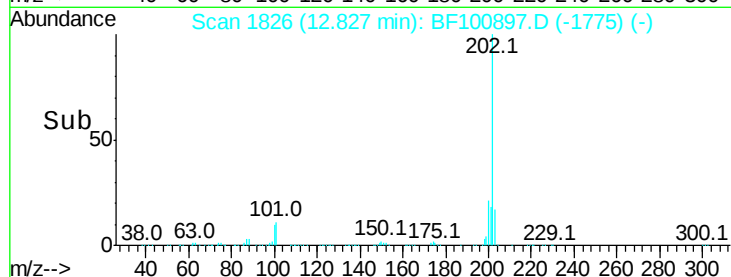
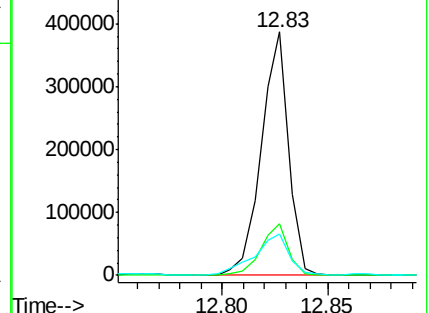
203 17.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 63.435 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

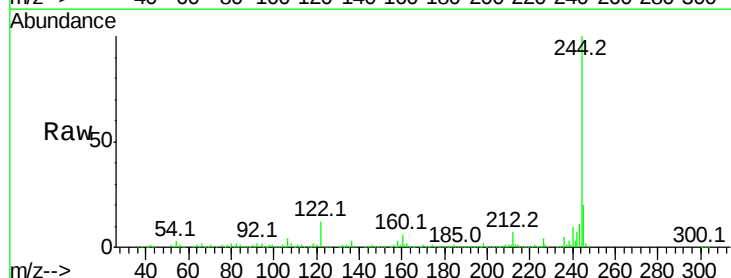
Tgt Ion:244 Resp: 419456

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

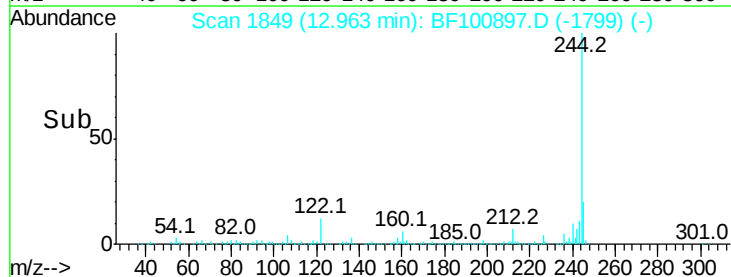
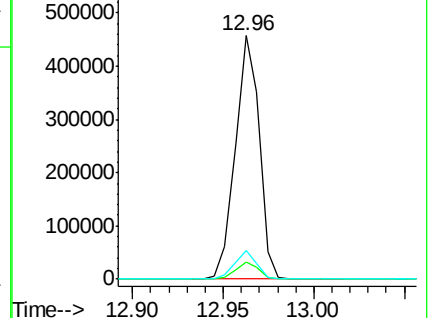
122 11.9 11.0 16.4

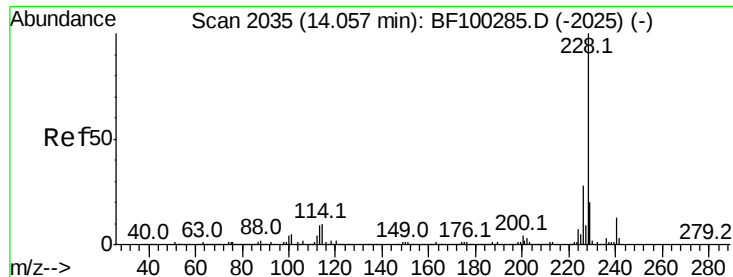


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 21.294 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

Instrument :

BNA_F

ClientSampled :

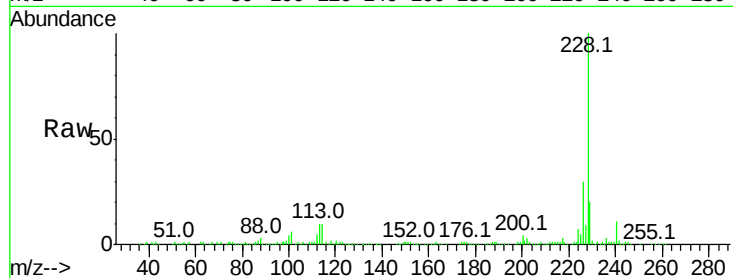
Tot Ion:228 Resp: 194830

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	20.0	15.8	23.6

228 100

226 29.6 22.6 33.8

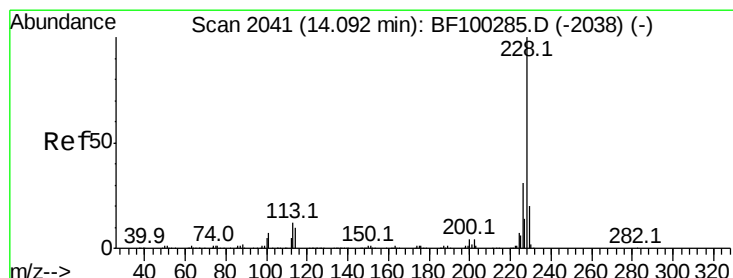
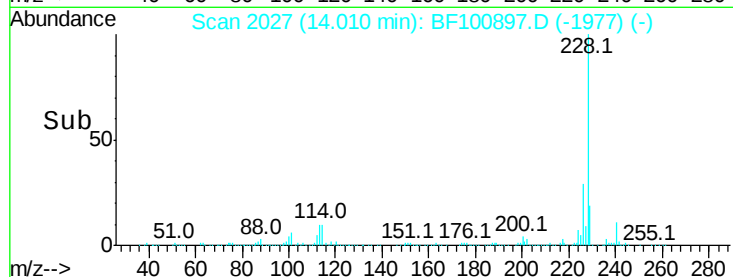
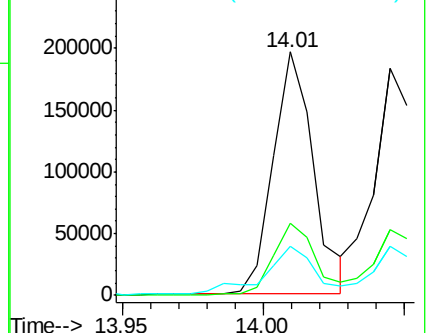
229 20.0 15.8 23.6



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: 20.051 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

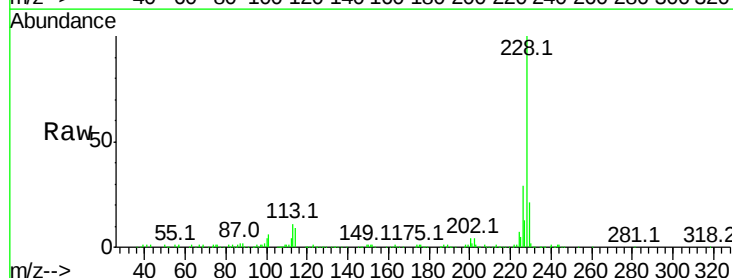
Tgt Ion:228 Resp: 177655

Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.0	37.6
229	21.4	16.2	24.4

228 100

226 28.7 25.0 37.6

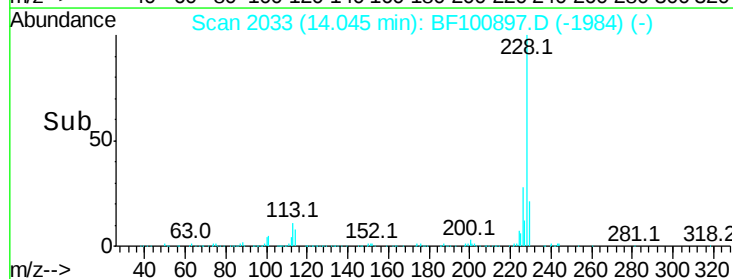
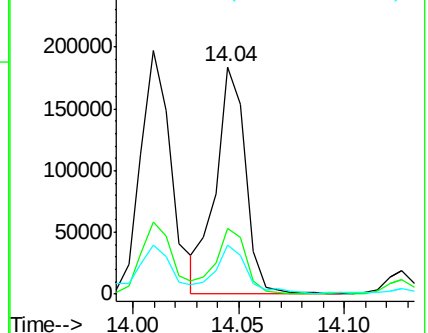
229 21.4 16.2 24.4

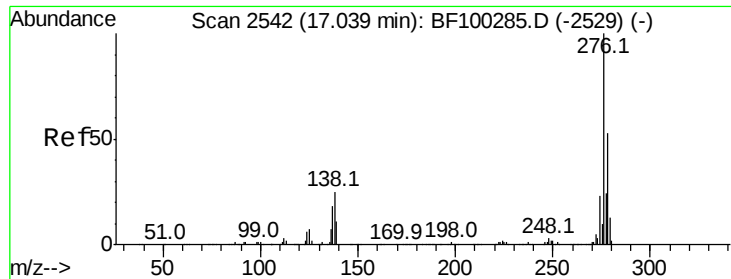


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

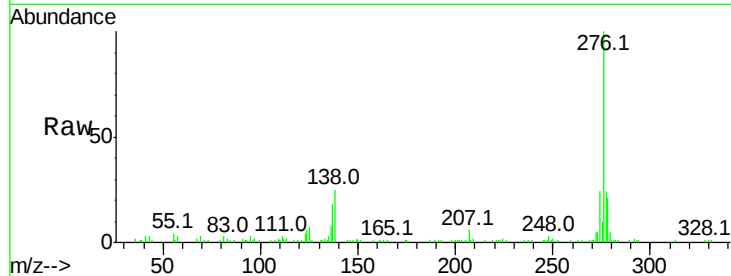




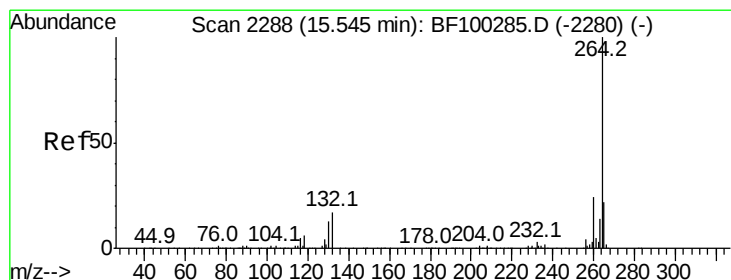
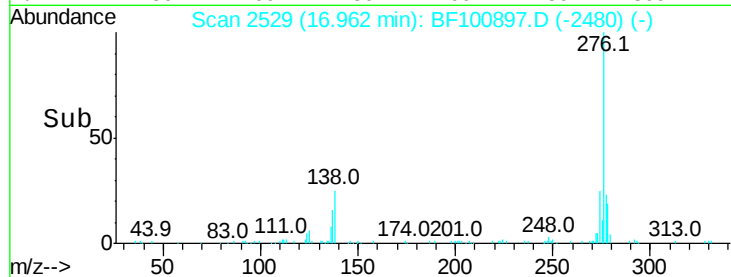
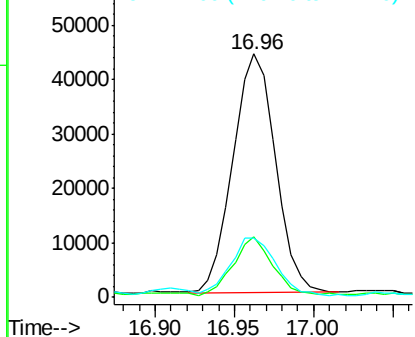
#85
Indeno(1,2,3-cd)pyrene
Concen: 11.454 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF100897.D
Acq: 27 Nov 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 82087
Ion Ratio Lower Upper
276 100
138 23.4 25.0 37.6#
277 25.5 20.1 30.1

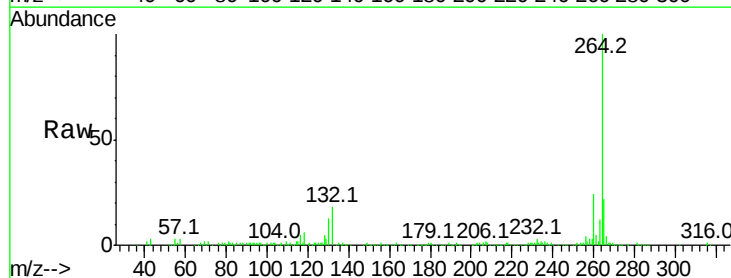


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

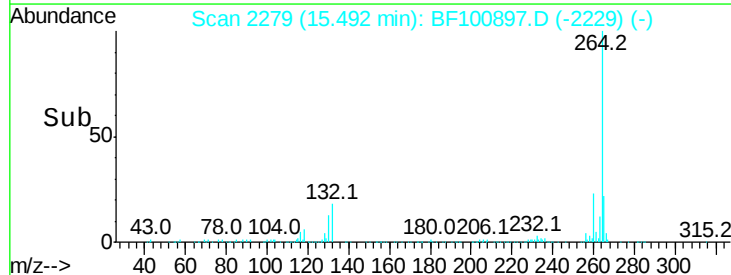
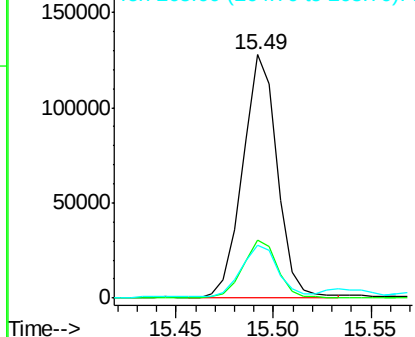


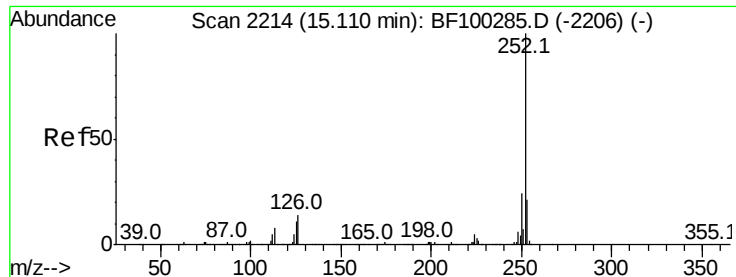
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF100897.D
Acq: 27 Nov 2017 17:35

Tgt Ion:264 Resp: 157105
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.7 17.5 26.3



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





#87

Benzo(b)fluoranthene

Concen: 33.057 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

Instrument :

BNA_F

ClientSampleId :

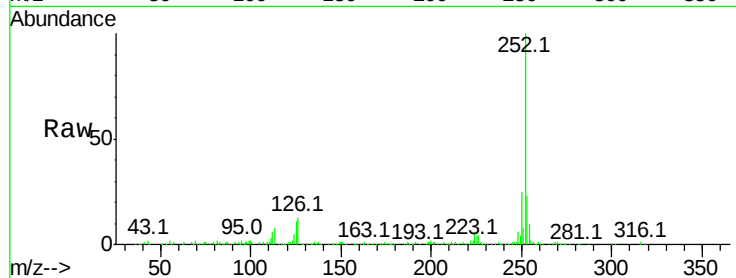
Tot Ion:252 Resp: 307680

Ion Ratio Lower Upper

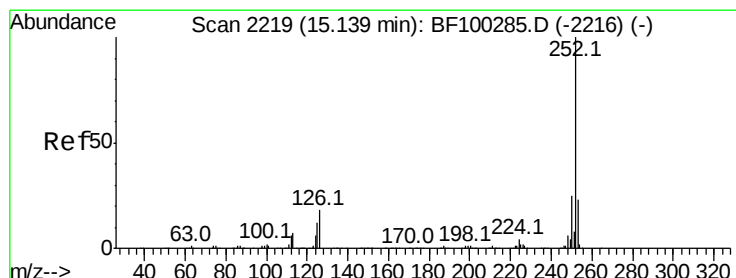
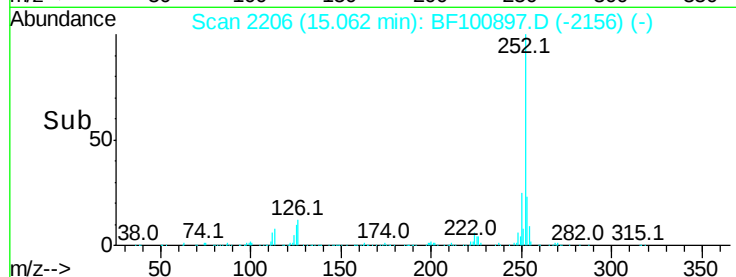
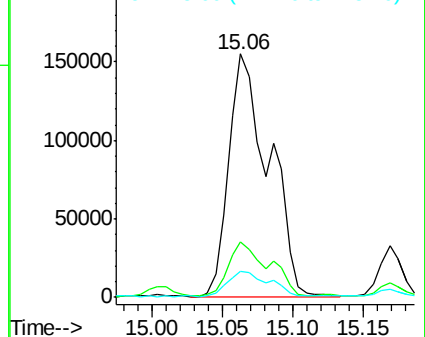
252 100

253 23.0 17.0 25.6

125 10.8 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: 34.986 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.04 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

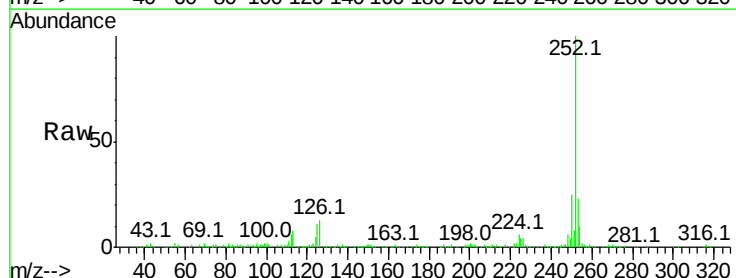
Tgt Ion:252 Resp: 307680

Ion Ratio Lower Upper

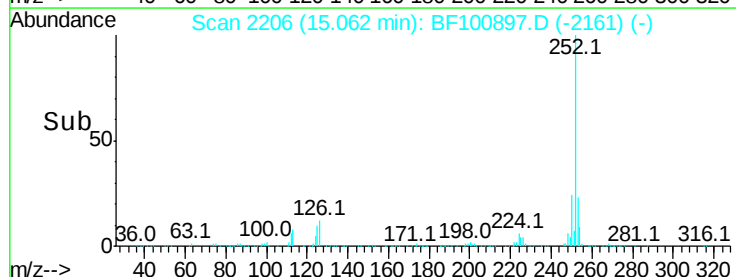
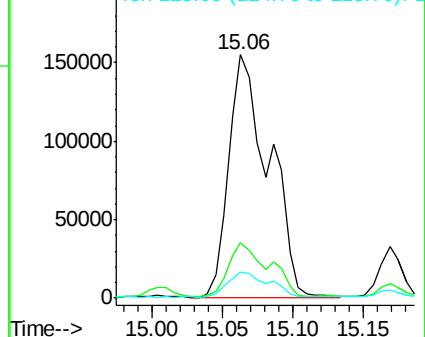
252 100

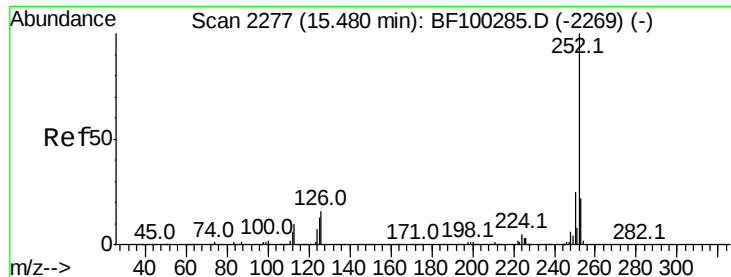
253 23.0 17.9 26.9

125 10.8 10.2 15.2



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





#89

Benzo(a)pyrene

Concen: 20.109 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

Instrument :

BNA_F

ClientSampleId :

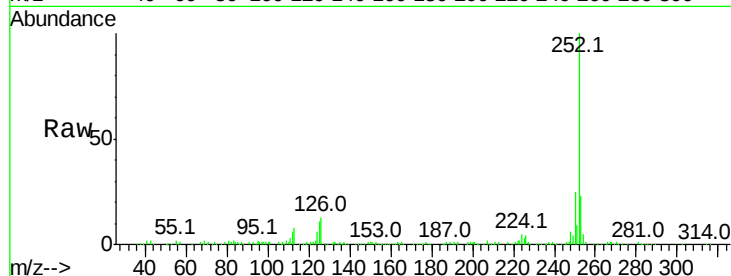
Tot Ion:252 Resp: 165927

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

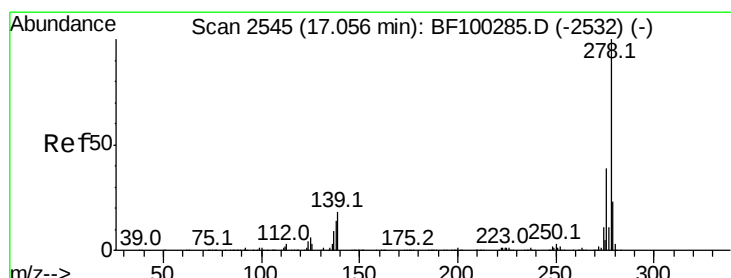
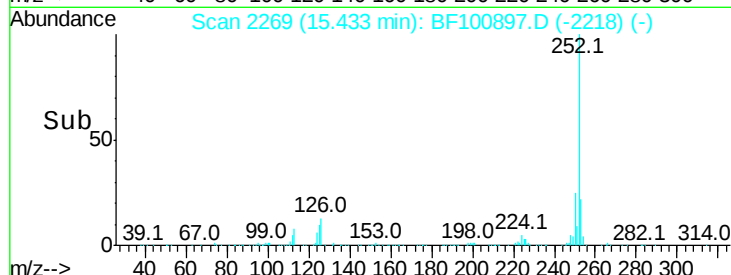
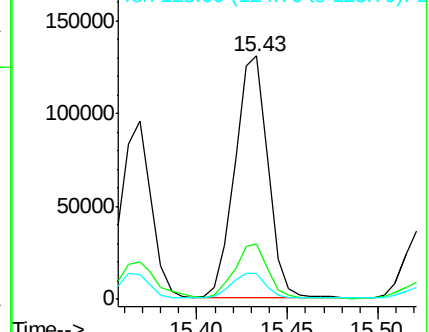
125 10.5 9.8 14.6



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: 3.118 ng

RT: 16.77 min Scan# 2497

Delta R.T. -0.22 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

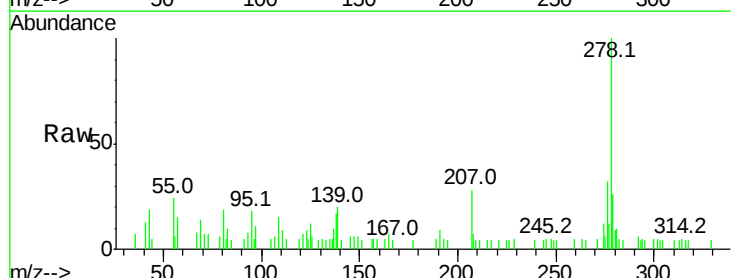
Tgt Ion:278 Resp: 21038

Ion Ratio Lower Upper

278 100

139 20.2 15.9 23.9

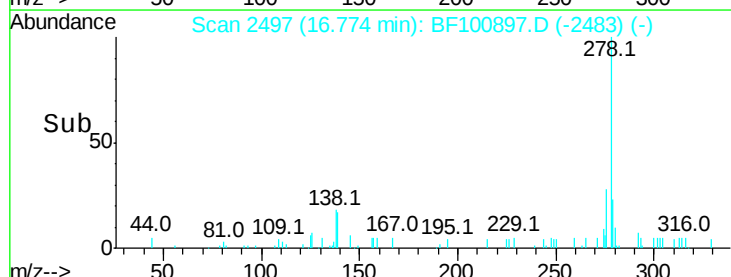
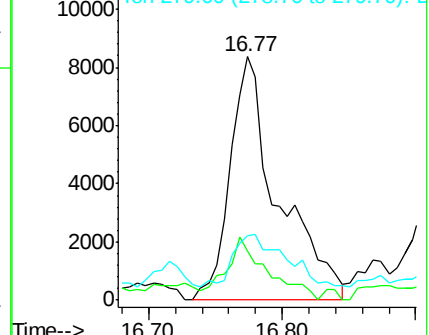
279 26.2 19.0 28.4

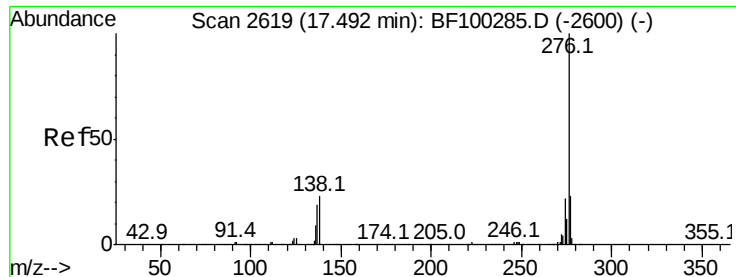


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 12.124 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.02 min

Lab File: BF100897.D

Acq: 27 Nov 2017 17:35

Instrument :

BNA_F

ClientSampleId :

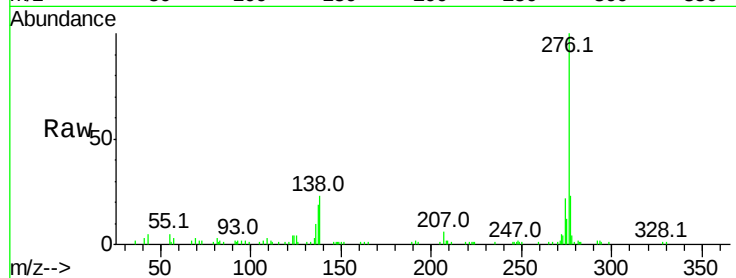
Tot Ion:276 Resp: 80086

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 23.2 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

