

Data File : BF100507.D
Acq On : 13 Nov 2017 17:17
Operator : SJ/JU
Sample : I6301-11 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-G

Quant Time: Nov 14 00:47:27 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	80658	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	295533	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	117580	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	189671	20.00	ng	0.00
75) Chrysene-d12	14.05	240	180461	20.00	ng	0.00
86) Perylene-d12	15.53	264	140083	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	187084	37.18	ng	0.00
7) Phenol-d6	6.51	99	220104	35.47	ng	0.00
23) Nitrobenzene-d5	7.45	82	128982	28.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	46919	39.16	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	253138	32.78	ng	0.00
78) Terphenyl-d14	12.99	244	180284	22.95	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	18343	4.26	ng	# 80
25) Isophorone	7.45	82	128859	13.72	ng	# 64
31) Naphthalene	8.19	128	45494	3.20	ng	98
32) Benzoic acid	7.95	122	120	9.40	ng	# 1
47) 2-Nitroaniline	9.46	65	351	2.94	ng	# 2
49) Dimethylphthalate	9.63	163	32836	3.66	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	16597	7.40	ng	# 21
62) Azobenzene	10.63	77	21887	2.59	ng	# 1
70) Phenanthrene	11.43	178	84351	8.45	ng	99
71) Anthracene	11.49	178	24082	2.38	ng	98
74) Fluoranthene	12.62	202	103905	9.82	ng	94
77) Pyrene	12.86	202	96182	7.48	ng	98
80) Benzo(a)anthracene	14.04	228	43433	4.00	ng	96
82) Chrysene	14.04	228	43433	4.13	ng	98
85) Indeno(1,2,3-cd)pyrene	17.01	276	17593	2.07	ng	# 91
87) Benzo(b)fluoranthene	15.10	252	58788	7.08	ng	# 89
88) Benzo(k)fluoranthene	15.10	252	58788	7.50	ng	# 92
89) Benzo(a)pyrene	15.47	252	30271	4.11	ng	# 92
91) Benzo(g,h,i)perylene	17.47	276	17108	2.90	ng	95

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

Data File : BF100507.D

Acq On : 13 Nov 2017 17:17

Operator : SJ/JU

Sample : I6301-11 2X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-G

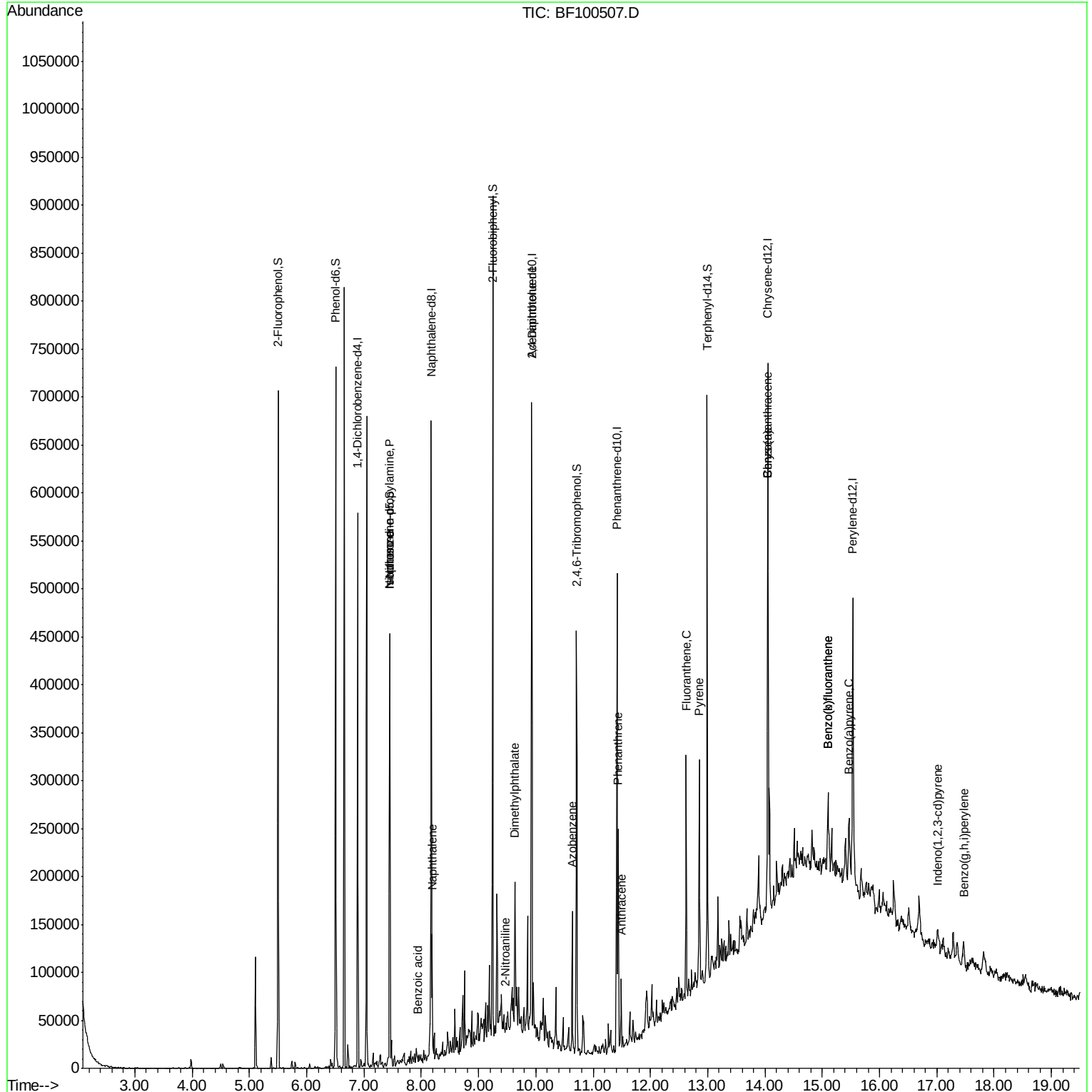
Quant Time: Nov 14 00:47:27 2017

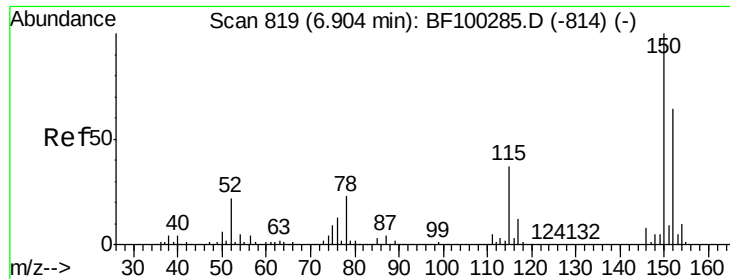
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 13 14:08:38 2017

Response via : Initial Calibration



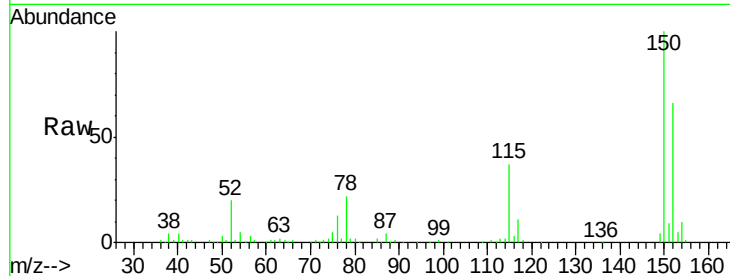


#1

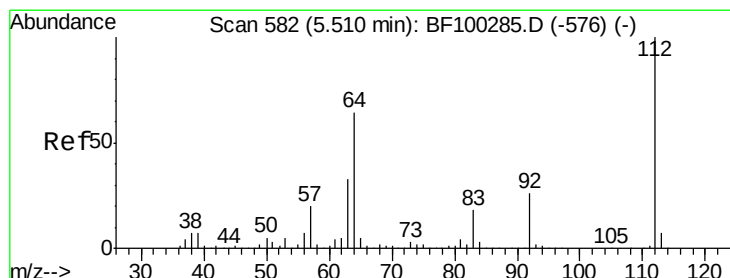
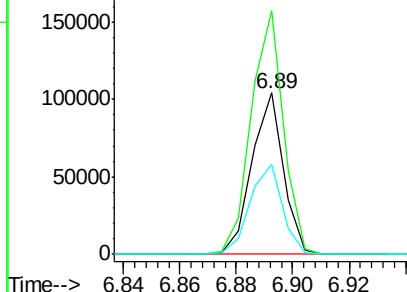
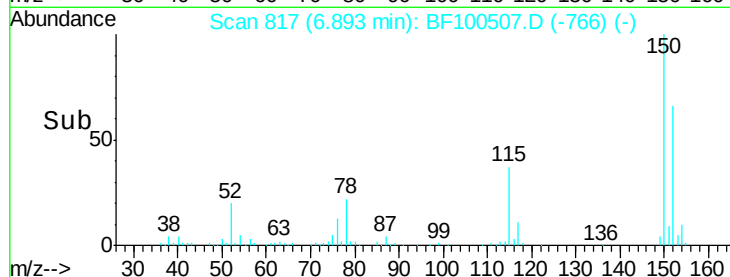
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF100507.D
Acq: 13 Nov 2017 17:17

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-G

Tgt Ion:152 Resp: 80658
Ion Ratio Lower Upper
152 100
150 150.9 124.6 186.8
115 56.1 50.1 75.1



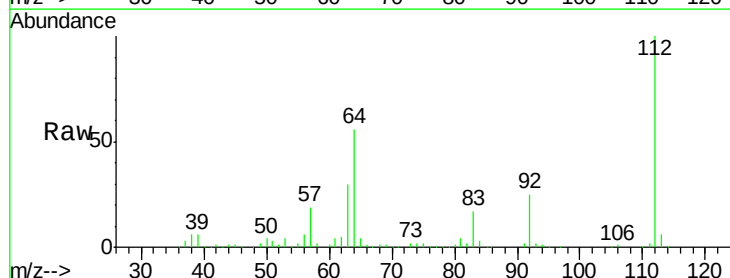
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



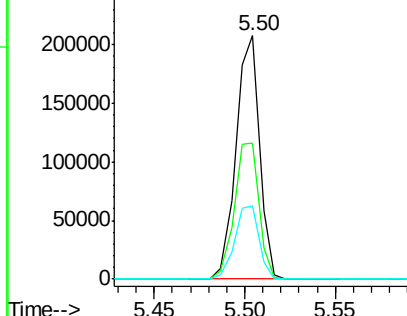
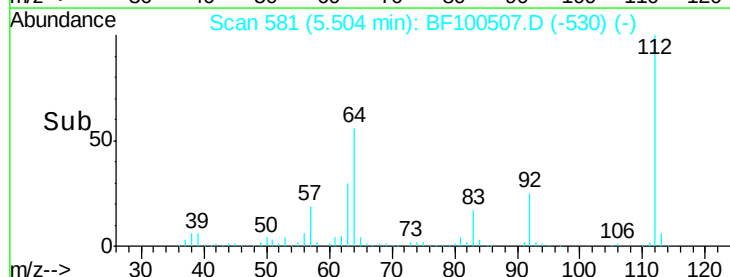
#5

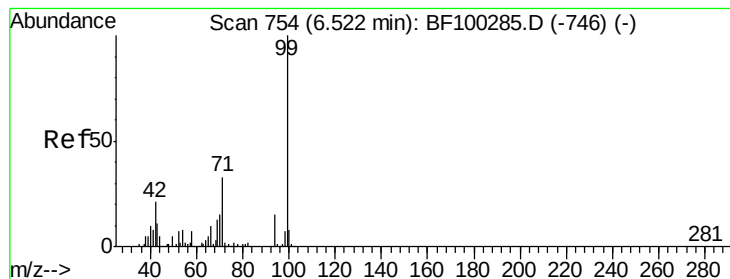
2-Fluorophenol
Concen: 37.18 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF100507.D
Acq: 13 Nov 2017 17:17

Tgt Ion:112 Resp: 187084
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 30.4 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: 35.47 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100507.D

Acq: 13 Nov 2017 17:17

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-G

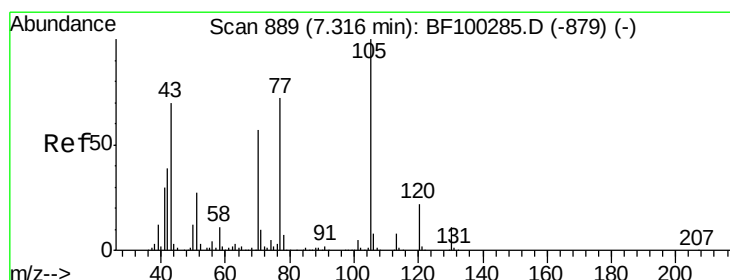
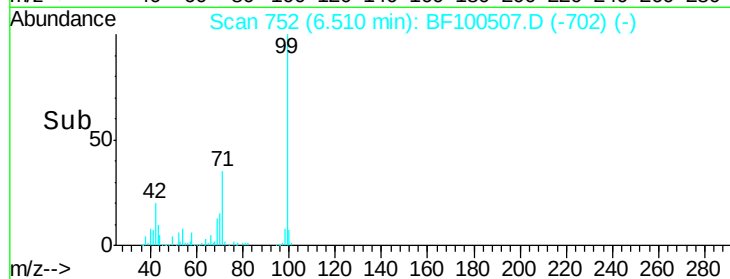
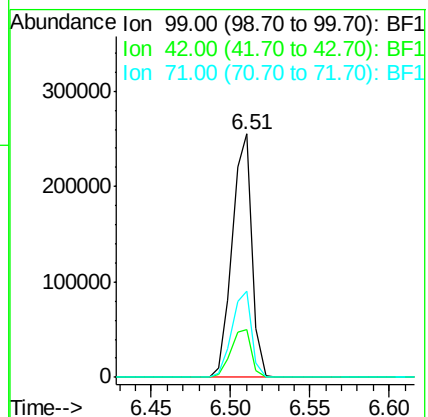
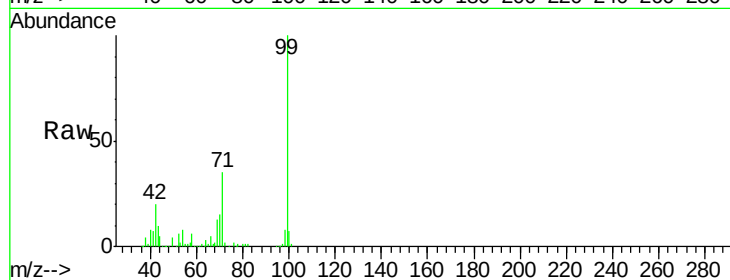
Tgt Ion: 99 Resp: 220104

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 35.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 4.26 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF100507.D

Acq: 13 Nov 2017 17:17

Tgt Ion: 70 Resp: 18343

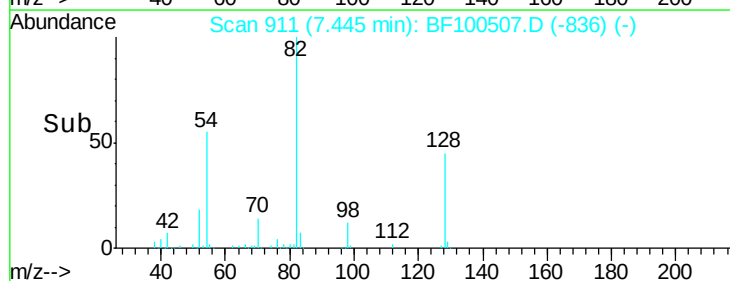
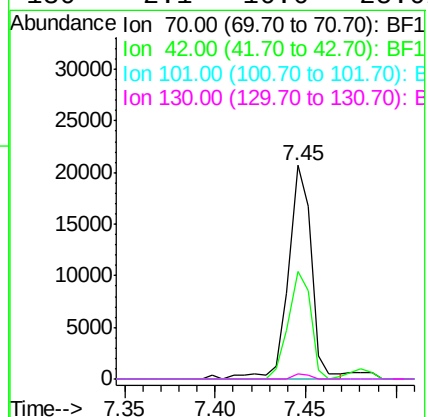
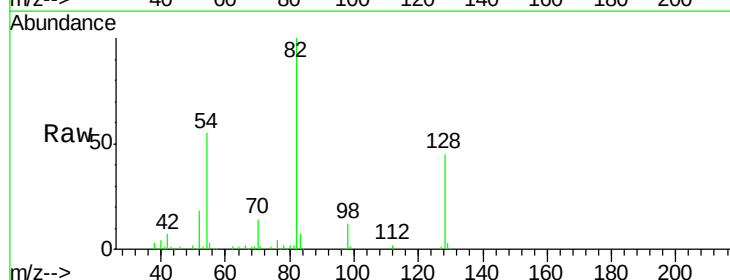
Ion Ratio Lower Upper

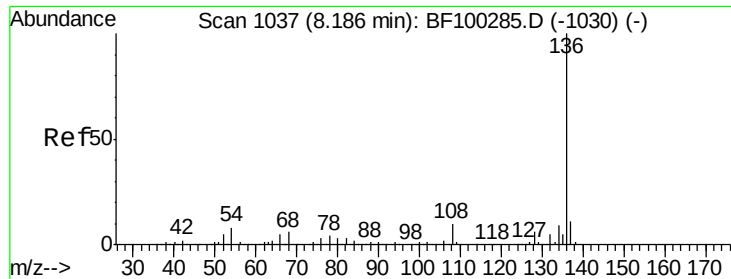
70 100

42 50.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

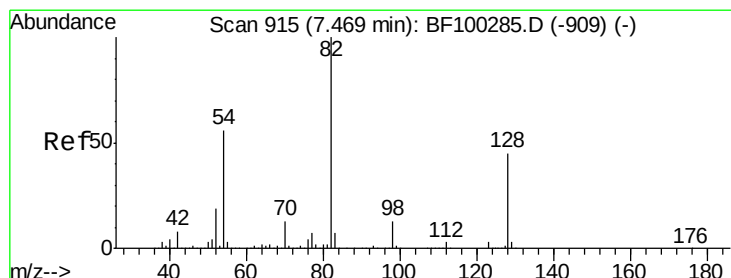
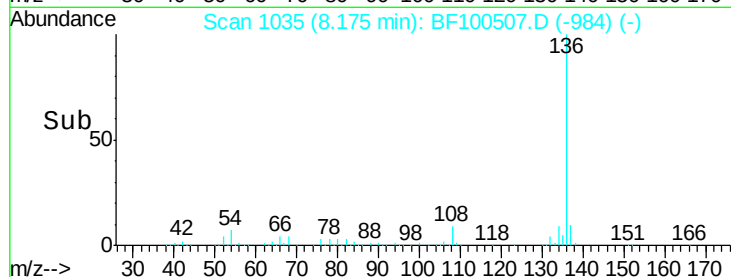
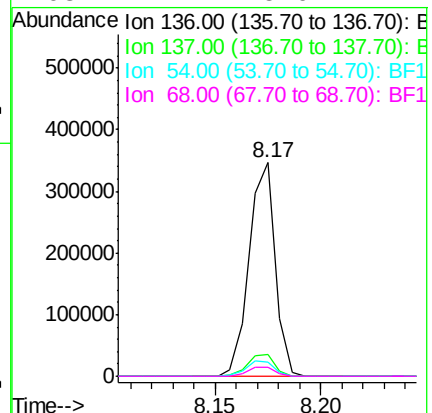
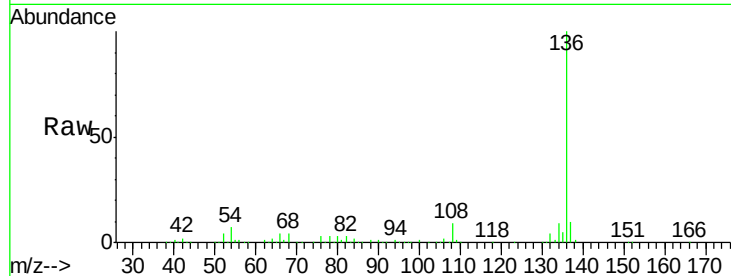




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF100507.D
Acq: 13 Nov 2017 17:17

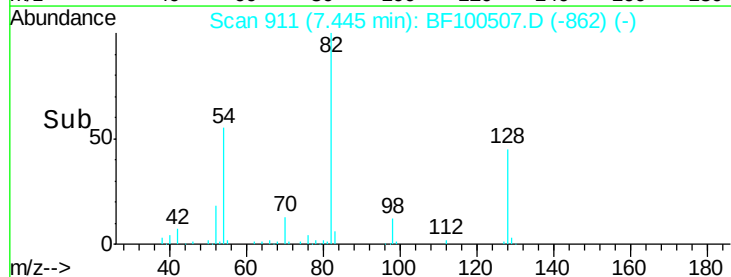
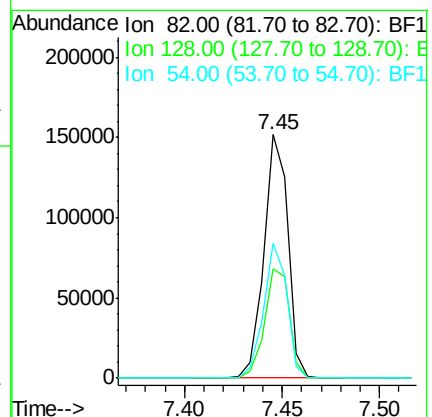
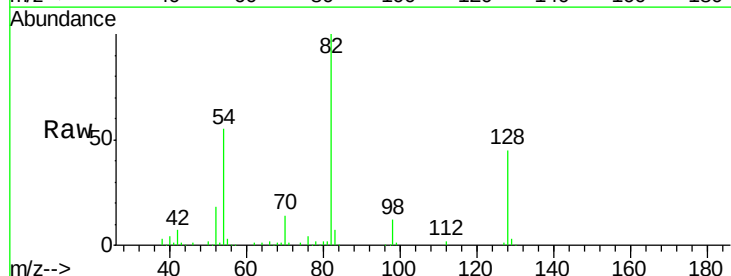
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-G

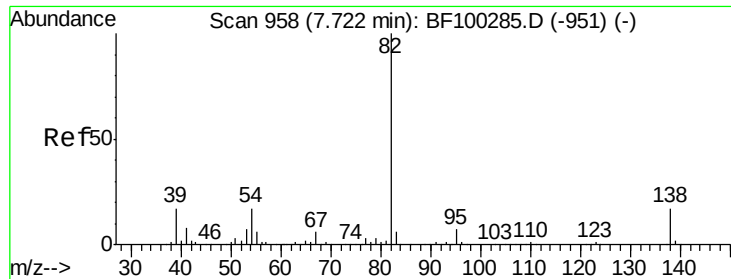
Tgt Ion:	136	Resp:	295533
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	6.8	6.6	9.8
68	4.2	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 28.85 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100507.D
Acq: 13 Nov 2017 17:17

Tgt Ion:	82	Resp:	128982
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	55.3	41.4	62.2





#25

Isophorone

Concen: 13.72 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100507.D

Acq: 13 Nov 2017 17:17

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-G

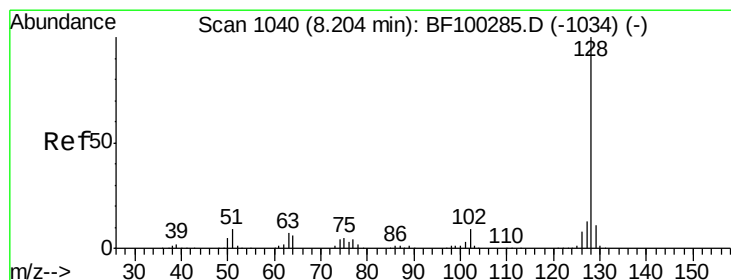
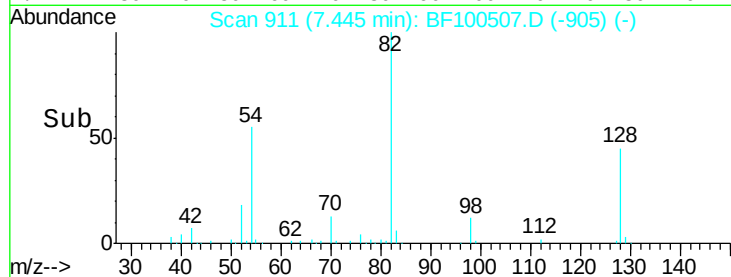
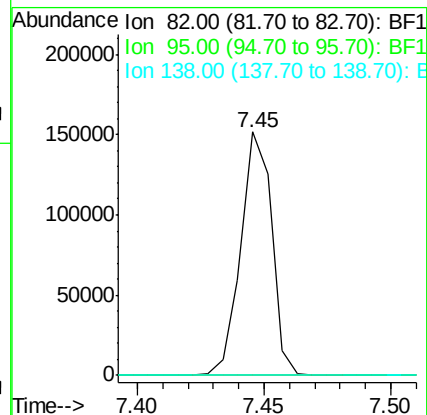
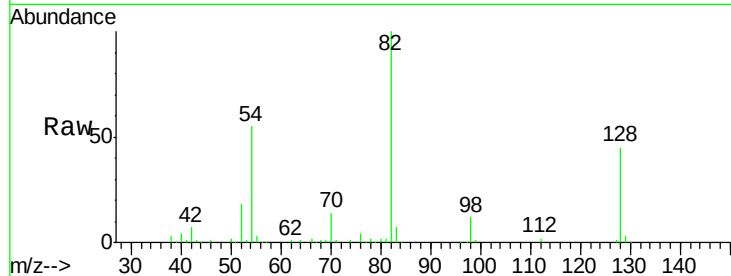
Tgt Ion: 82 Resp: 128859

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#31

Naphthalene

Concen: 3.20 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF100507.D

Acq: 13 Nov 2017 17:17

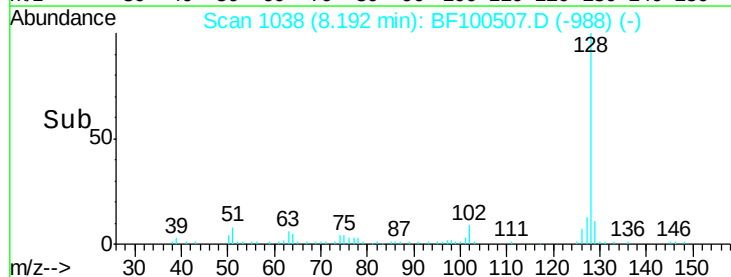
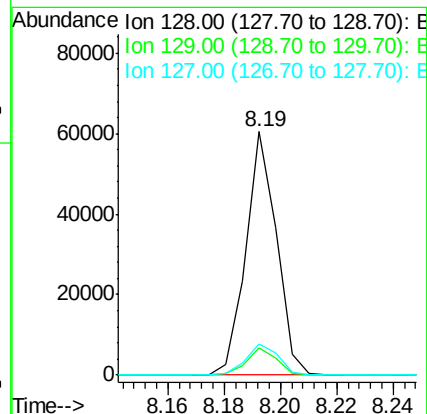
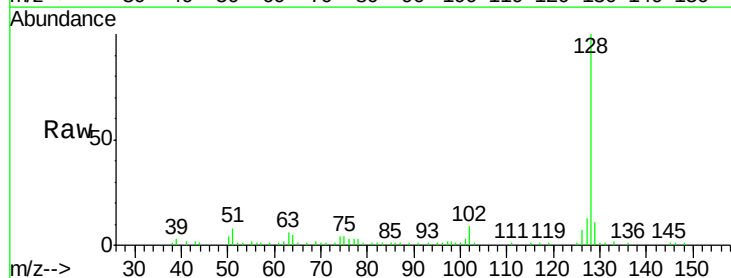
Tgt Ion: 128 Resp: 45494

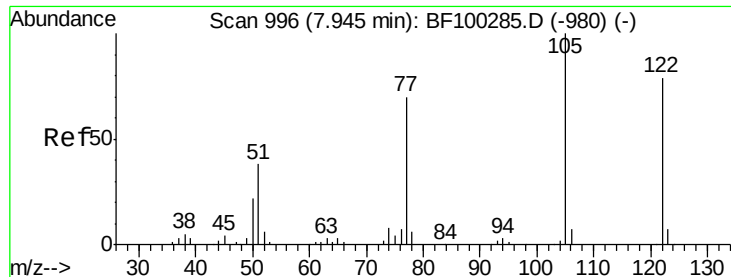
Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 12.6 10.9 16.3

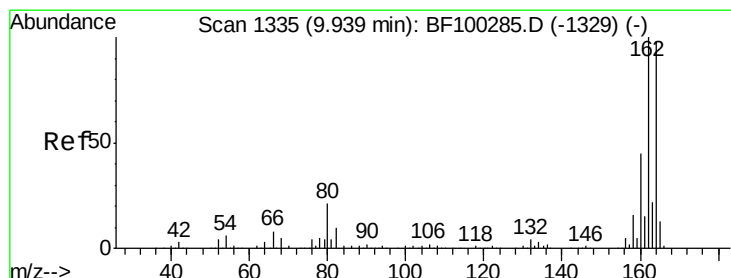
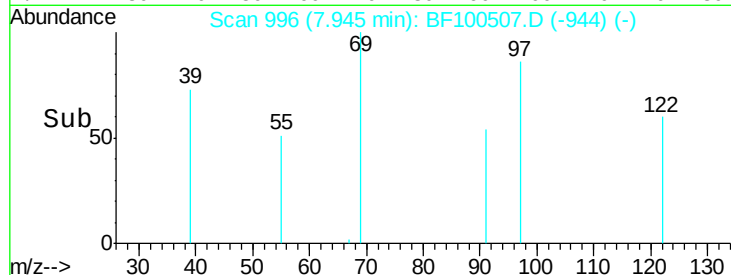
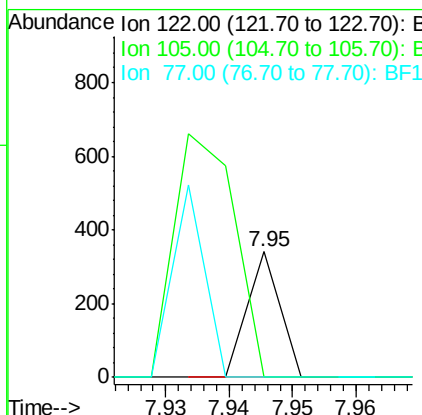
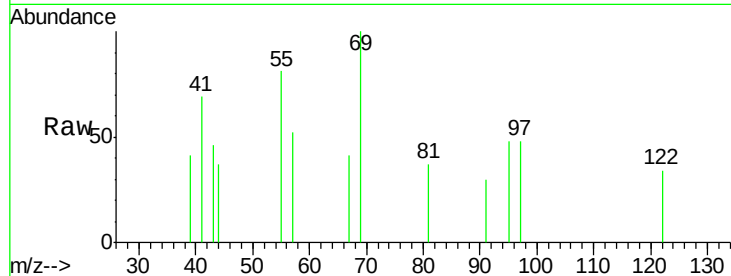




#32
Benzoic acid
Concen: 9.40 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF100507.D
Acq: 13 Nov 2017 17:17

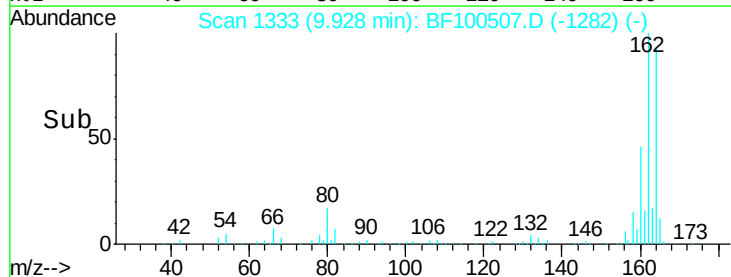
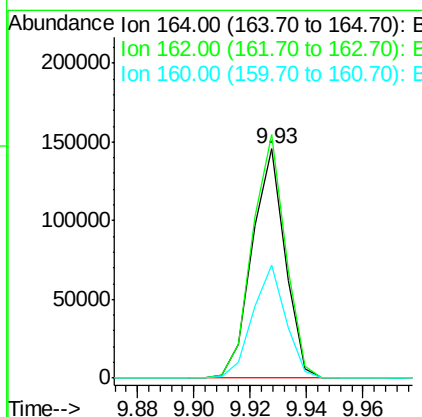
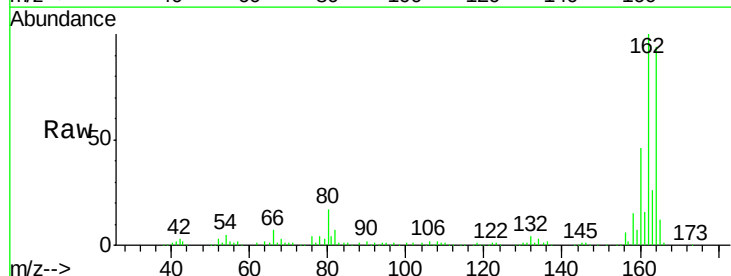
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-G

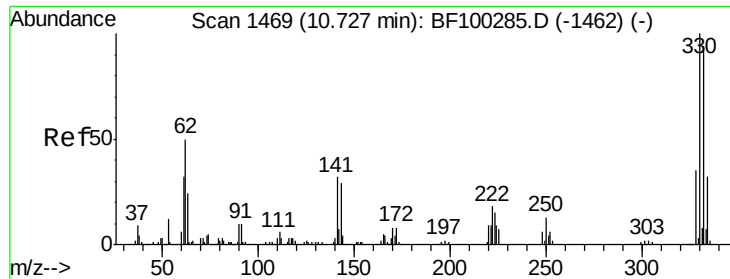
Tgt Ion:122 Resp: 120
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 0.0 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF100507.D
Acq: 13 Nov 2017 17:17

Tgt Ion:164 Resp: 117580
Ion Ratio Lower Upper
164 100
162 106.3 86.1 129.1
160 49.3 38.3 57.5

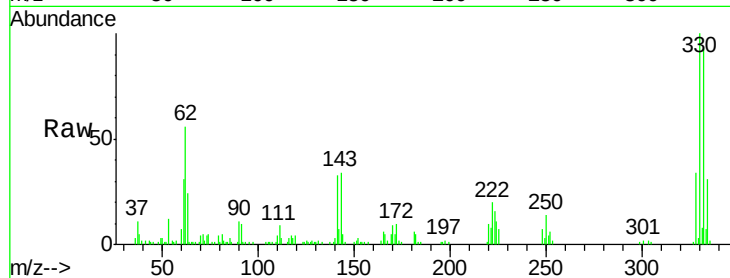




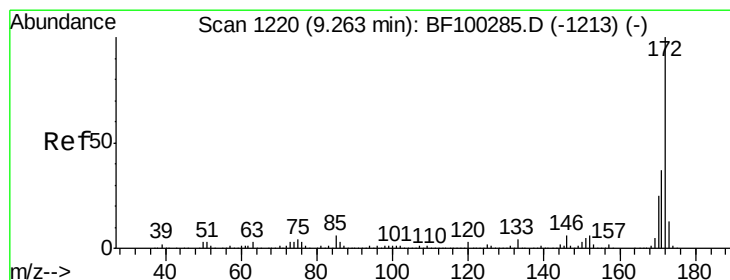
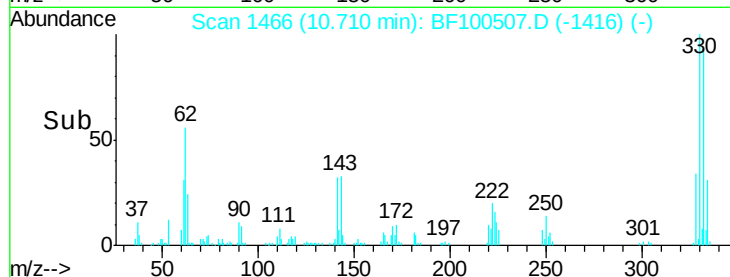
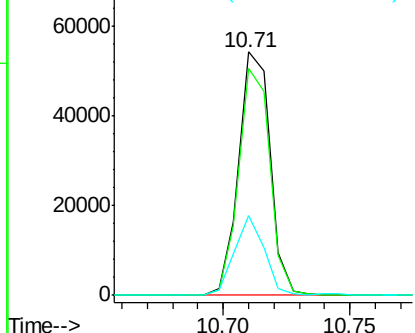
#41
 2,4,6-Tribromophenol
 Concen: 39.16 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF100507.D
 Acq: 13 Nov 2017 17:17

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-G

Tgt Ion: 330 Resp: 46919
 Ion Ratio Lower Upper
 330 100
 332 92.5 77.0 115.6
 141 30.7 29.9 44.9

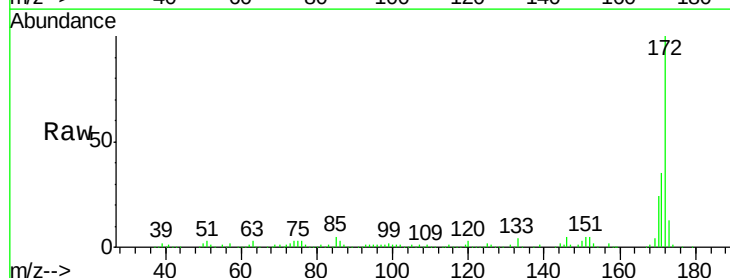


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

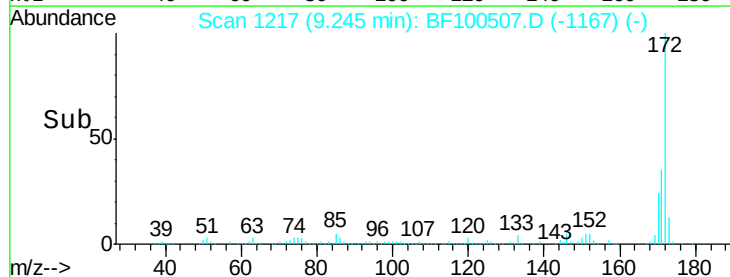
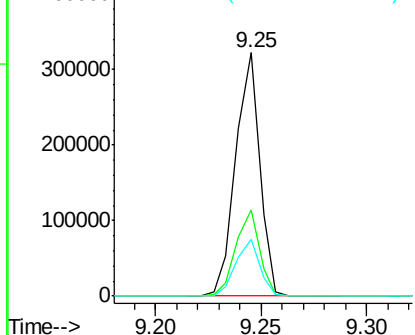


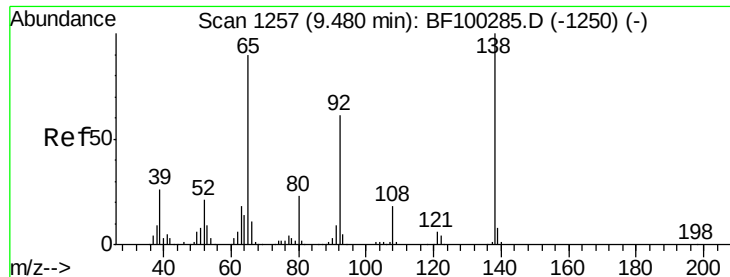
#44
 2-Fluorobiphenyl
 Concen: 32.78 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF100507.D
 Acq: 13 Nov 2017 17:17

Tgt Ion: 172 Resp: 253138
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.6 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

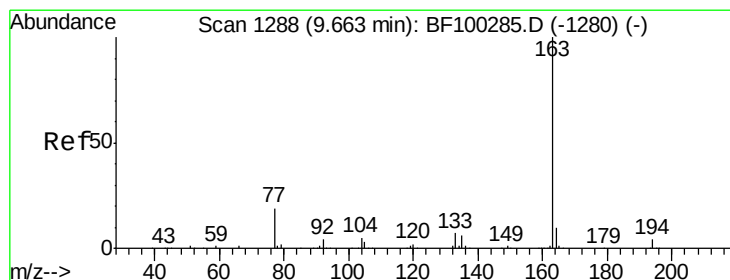
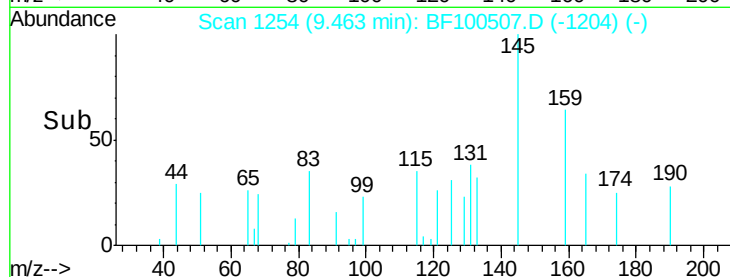
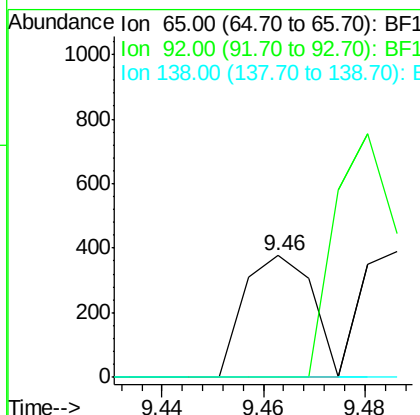
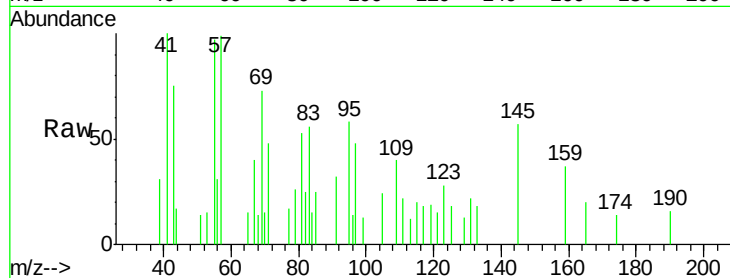




#47
 2-Nitroaniline
 Concen: 2.94 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF100507.D
 Acq: 13 Nov 2017 17:17

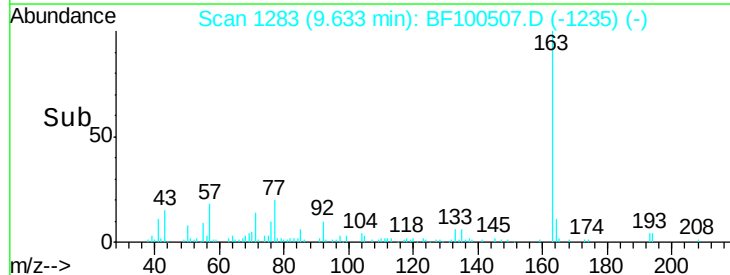
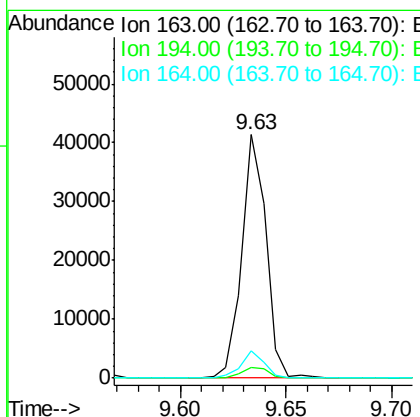
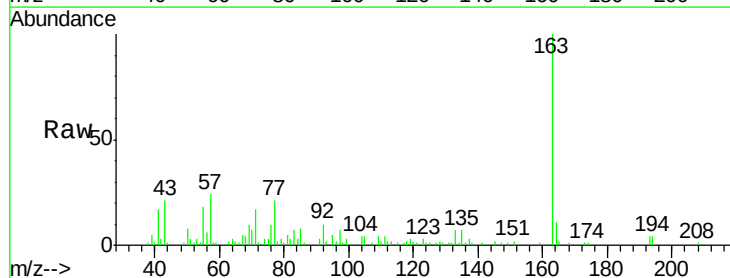
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-G

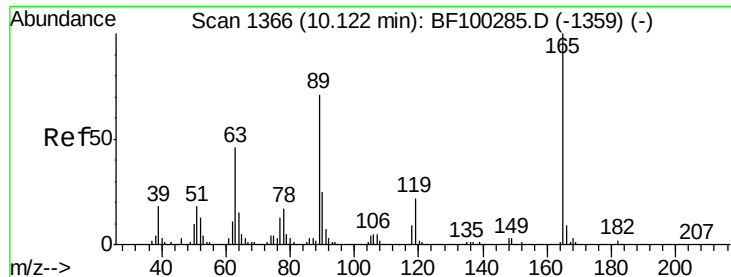
Tgt Ion: 65 Resp: 351
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 0.0 91.2 136.8#



#49
 Dimethylphthalate
 Concen: 3.66 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.02 min
 Lab File: BF100507.D
 Acq: 13 Nov 2017 17:17

Tgt Ion: 163 Resp: 32836
 Ion Ratio Lower Upper
 163 100
 194 4.4 2.7 4.1#
 164 11.2 8.2 12.2

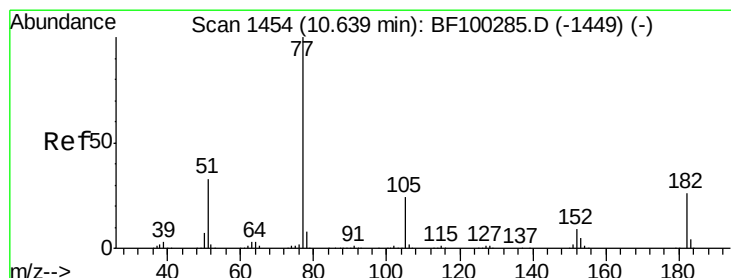
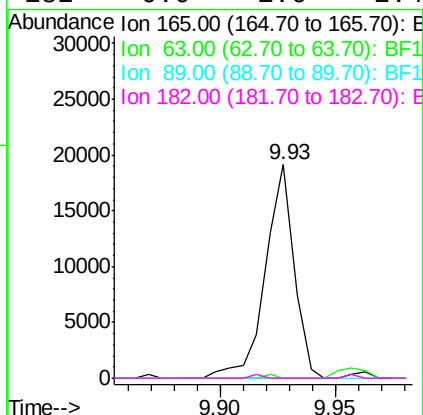
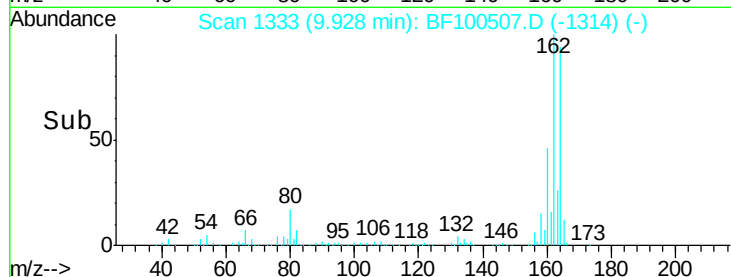
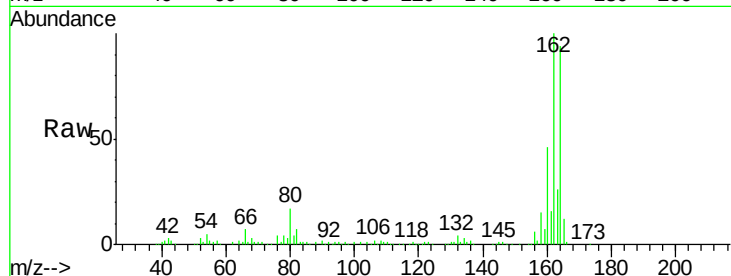




#56
 2,4-Dinitrotoluene
 Concen: 7.40 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.19 min
 Lab File: BF100507.D
 Acq: 13 Nov 2017 17:17

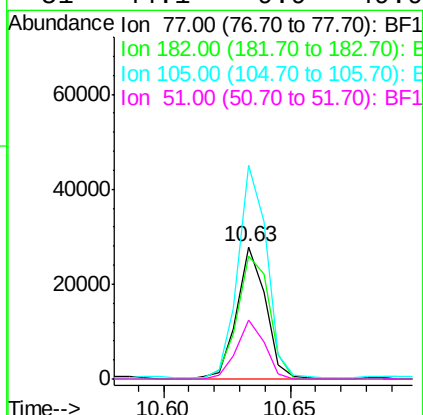
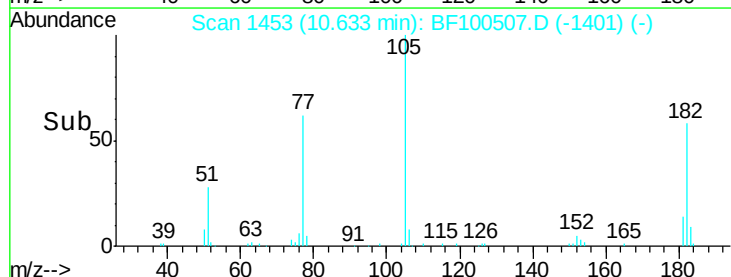
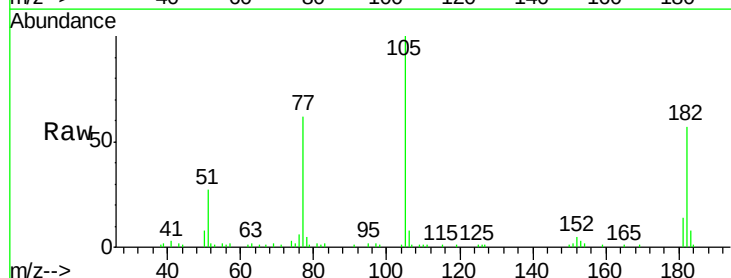
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-G

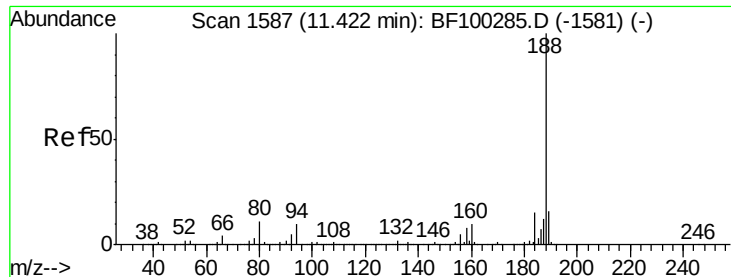
Tgt Ion:	165	Resp:	16597
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 2.59 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.01 min
 Lab File: BF100507.D
 Acq: 13 Nov 2017 17:17

Tgt Ion:	77	Resp:	21887
Ion Ratio	Lower	Upper	
77	100		
182	92.7	1.7	41.7#
105	161.4	3.0	43.0#
51	44.1	9.9	49.9

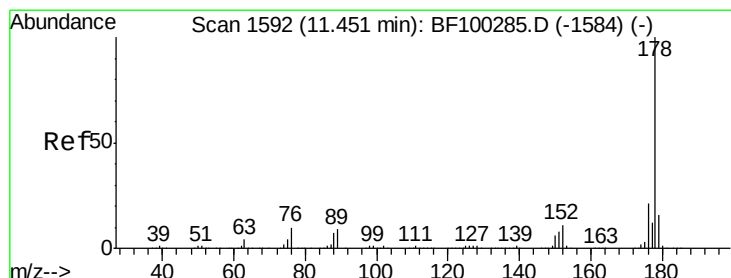
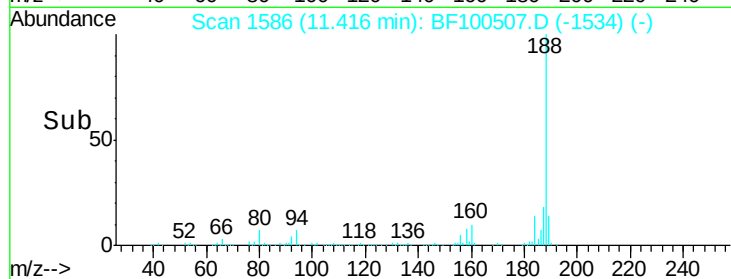
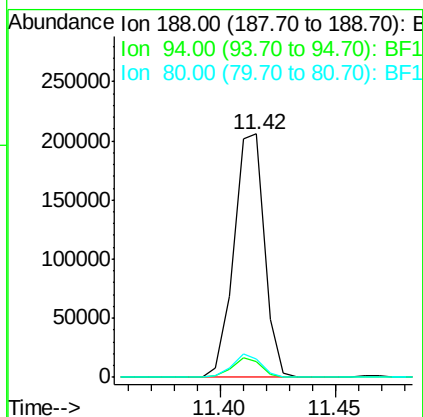
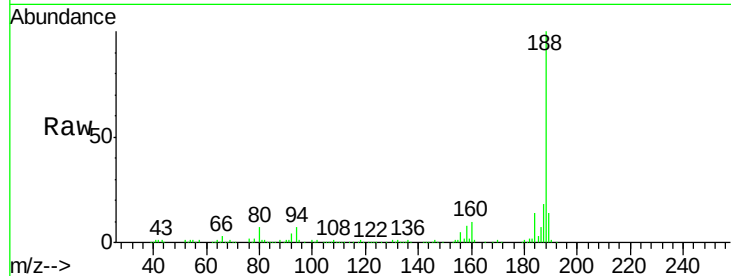




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF100507.D
Acq: 13 Nov 2017 17:17

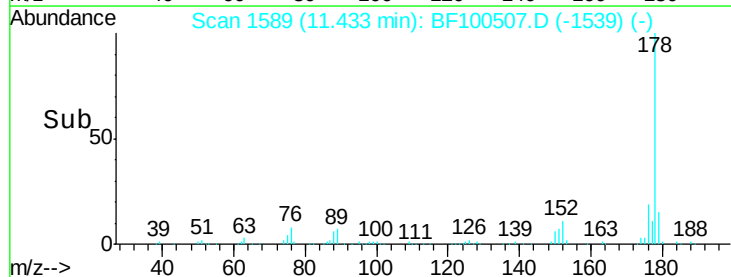
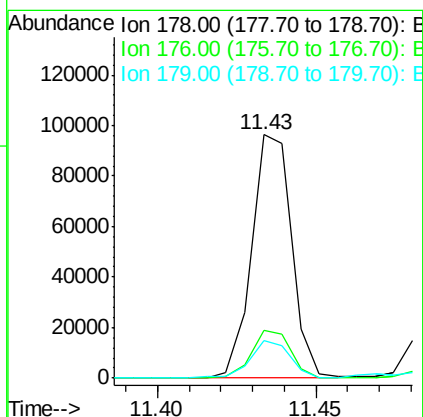
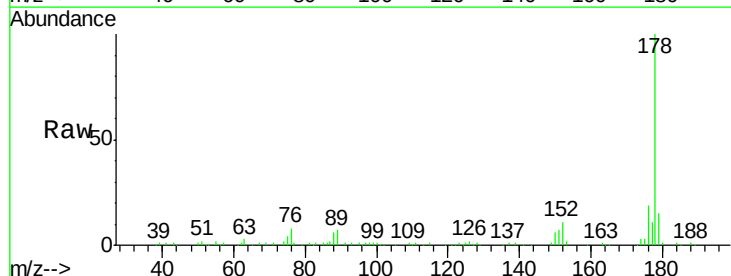
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-G

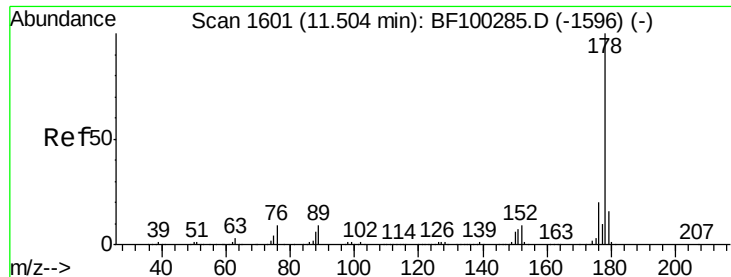
Tgt Ion:188 Resp: 189671
Ion Ratio Lower Upper
188 100
94 6.6 8.5 12.7#
80 7.3 9.2 13.8#



#70
Phenanthrene
Concen: 8.45 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF100507.D
Acq: 13 Nov 2017 17:17

Tgt Ion:178 Resp: 84351
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.5 13.0 19.6

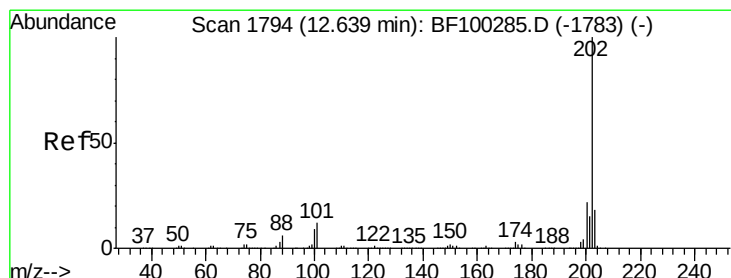
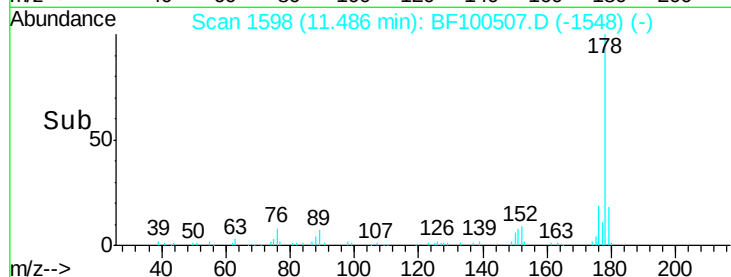
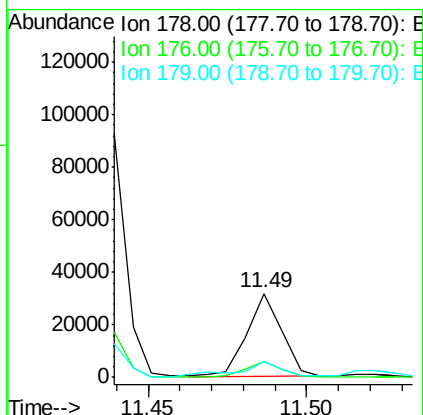
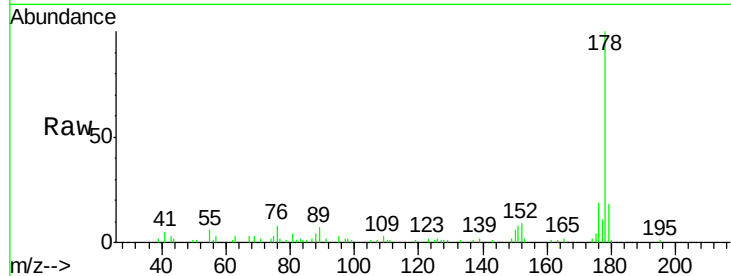




#71
 Anthracene
 Concen: 2.38 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF100507.D
 Acq: 13 Nov 2017 17:17

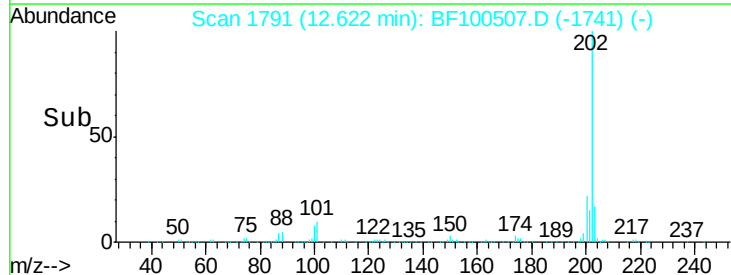
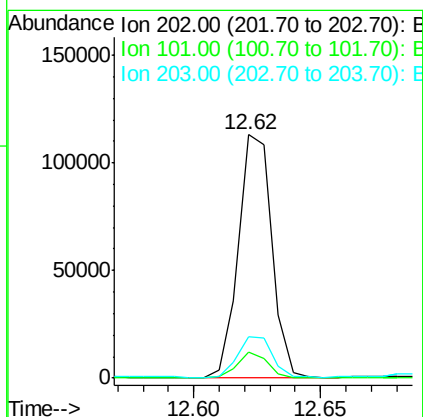
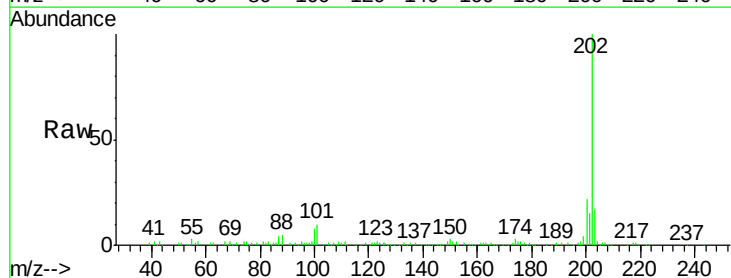
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-G

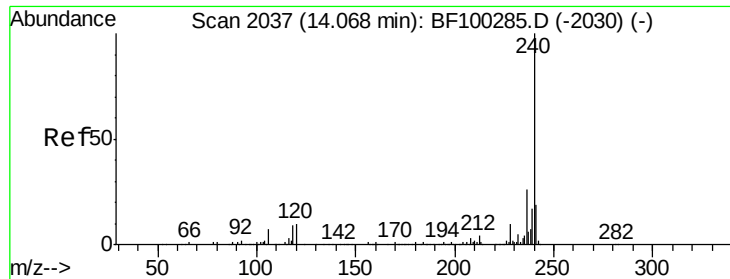
Tgt Ion:178 Resp: 24082
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 18.1 12.6 19.0



#74
 Fluoranthene
 Concen: 9.82 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF100507.D
 Acq: 13 Nov 2017 17:17

Tgt Ion:202 Resp: 103905
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 34.1
 203 16.8 0.0 38.1

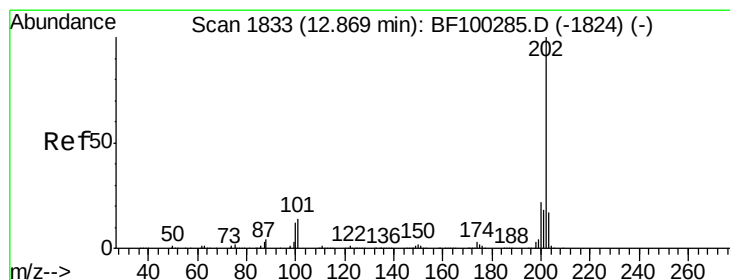
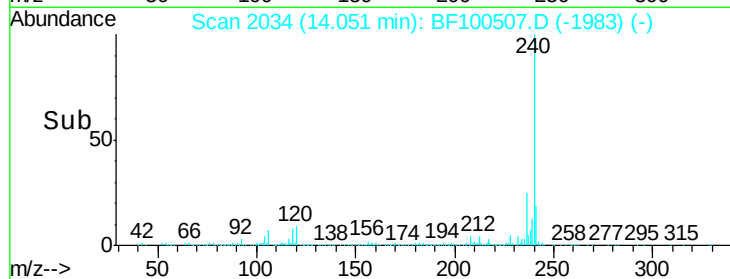
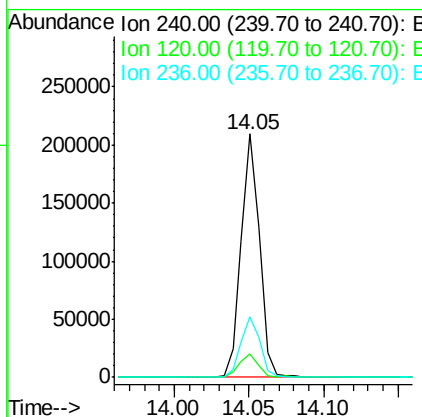
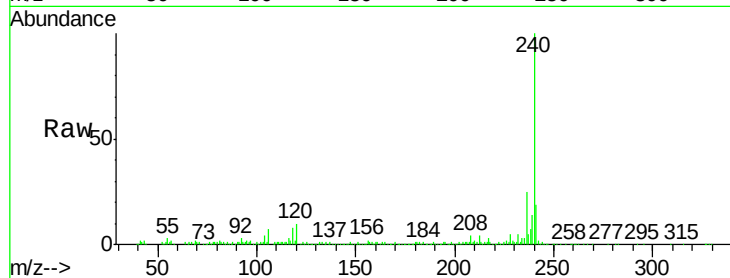




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF100507.D
 Acq: 13 Nov 2017 17:17

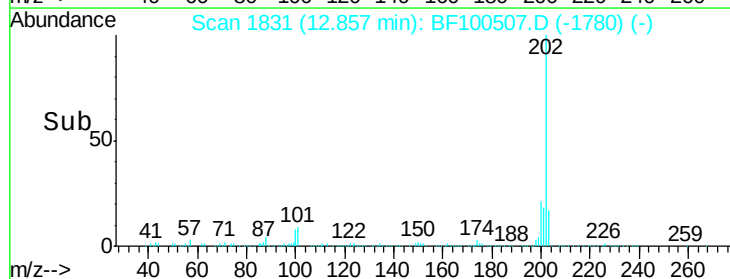
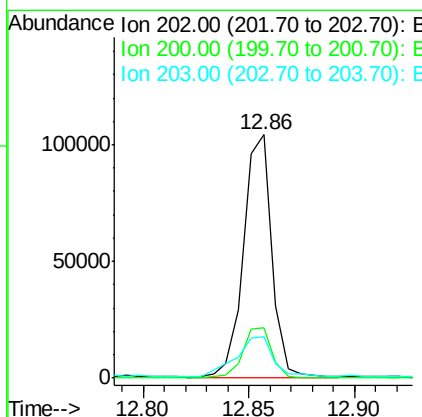
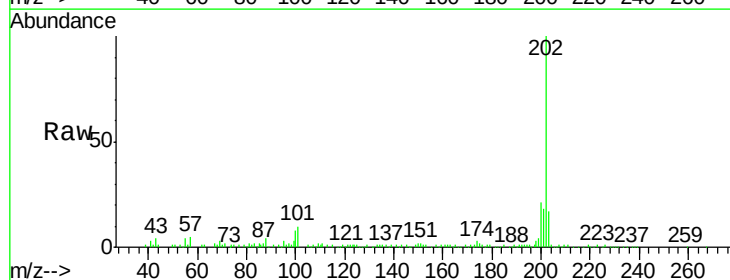
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-G

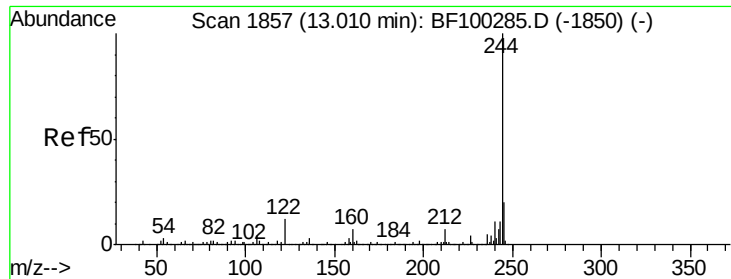
Tgt Ion:240 Resp: 180461
 Ion Ratio Lower Upper
 240 100
 120 9.5 9.5 14.3#
 236 24.9 20.7 31.1



#77
 Pyrene
 Concen: 7.48 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF100507.D
 Acq: 13 Nov 2017 17:17

Tgt Ion:202 Resp: 96182
 Ion Ratio Lower Upper
 202 100
 200 20.6 17.4 26.2
 203 17.2 14.3 21.5





#78

Terphenyl-d14

Concen: 22.95 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF100507.D

Acq: 13 Nov 2017 17:17

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-G

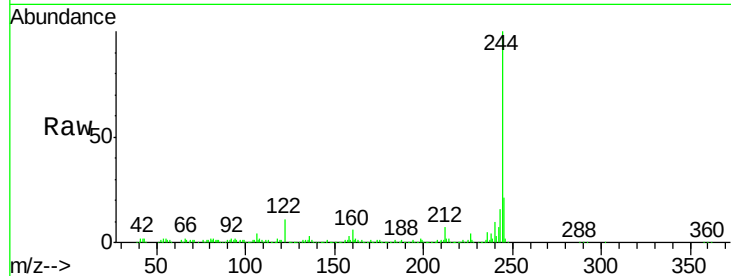
Tgt Ion:244 Resp: 180284

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

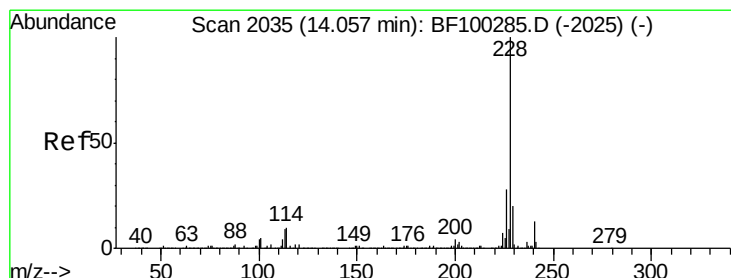
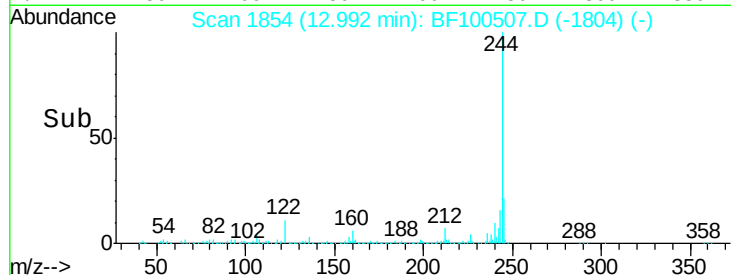
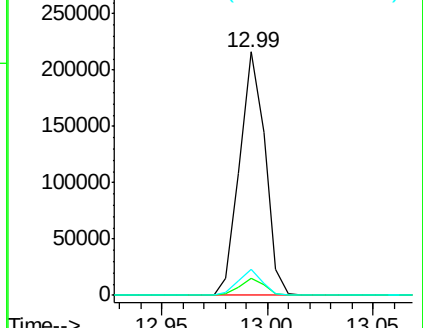
122 10.9 11.0 16.4#



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: 4.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF100507.D

Acq: 13 Nov 2017 17:17

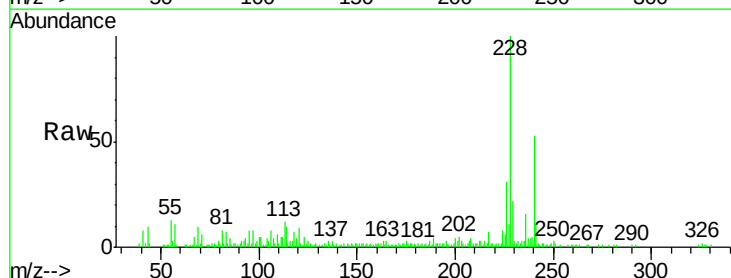
Tgt Ion:228 Resp: 43433

Ion Ratio Lower Upper

228 100

226 30.5 22.6 33.8

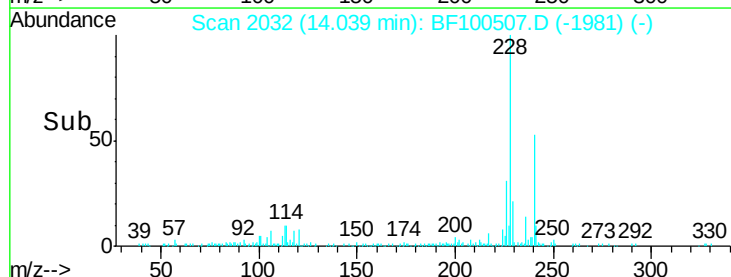
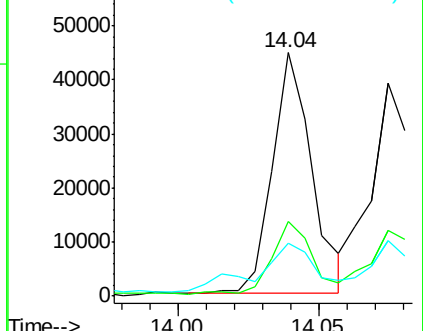
229 21.6 15.8 23.6

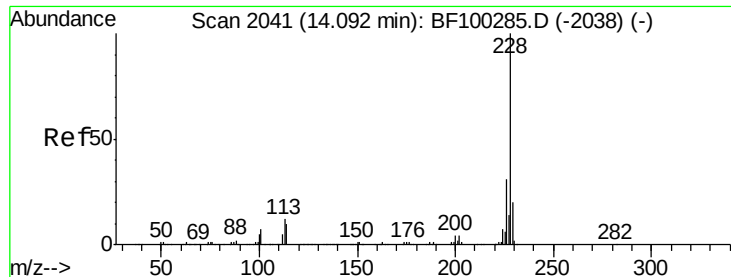


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

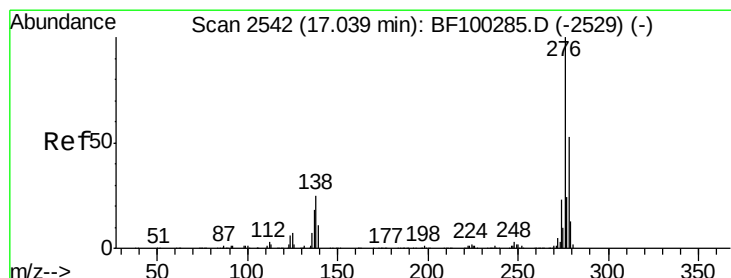
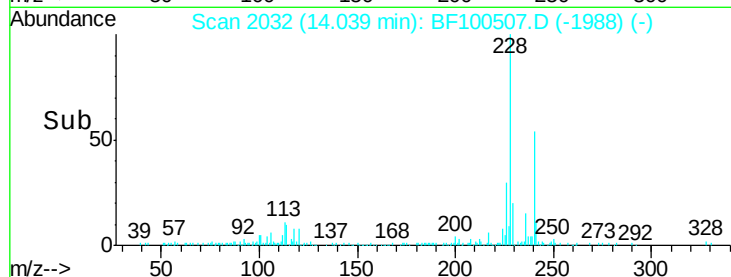
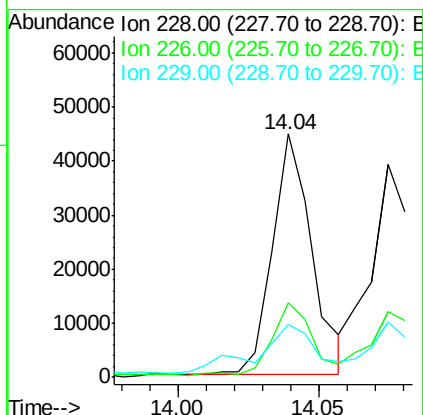
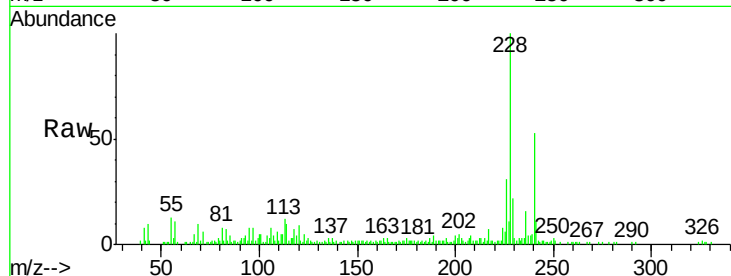




#82
Chrysene
Concen: 4.13 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.04 min
Lab File: BF100507.D
Acq: 13 Nov 2017 17:17

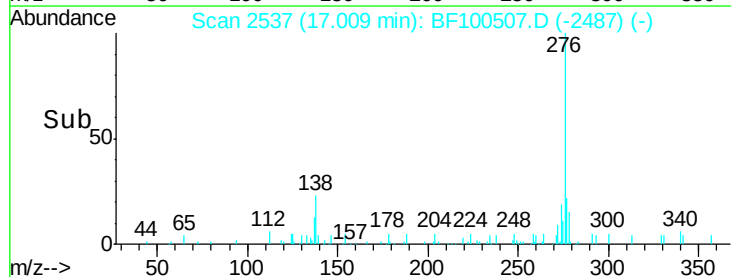
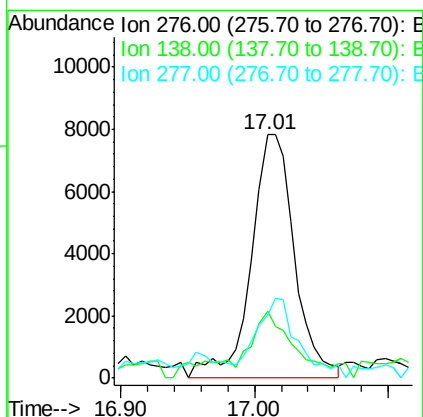
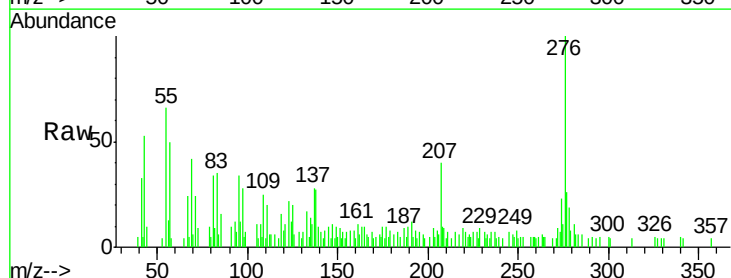
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-G

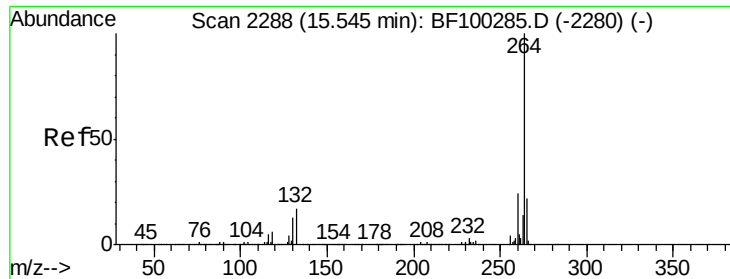
Tgt Ion: 228 Resp: 43433
Ion Ratio Lower Upper
228 100
226 30.5 25.0 37.6
229 21.6 16.2 24.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.07 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF100507.D
Acq: 13 Nov 2017 17:17

Tgt Ion: 276 Resp: 17593
Ion Ratio Lower Upper
276 100
138 27.8 25.0 37.6
277 31.5 20.1 30.1#

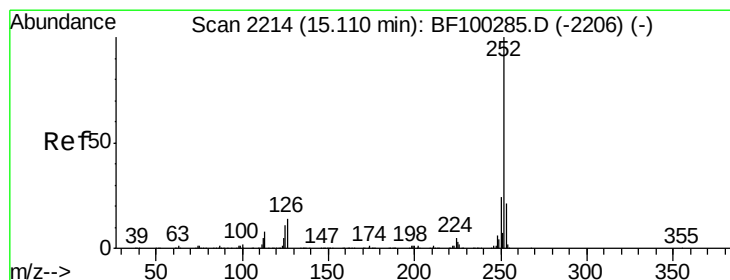
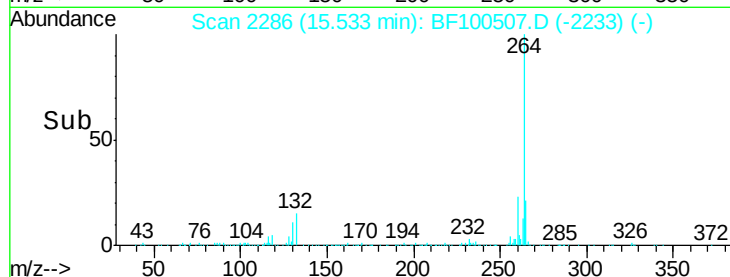
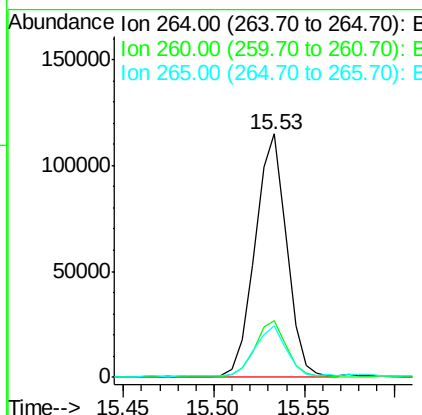
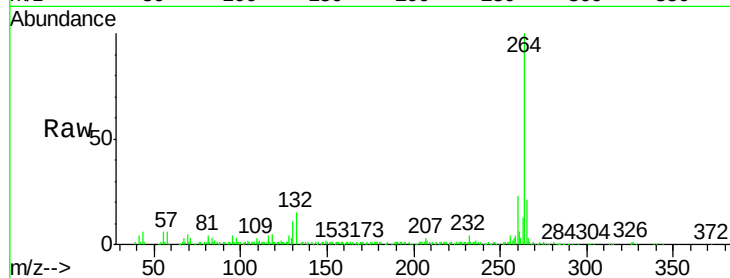




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF100507.D
Acq: 13 Nov 2017 17:17

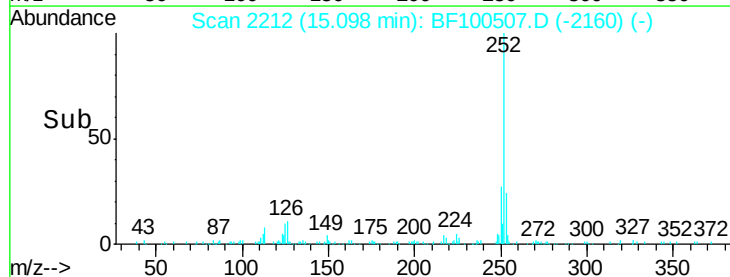
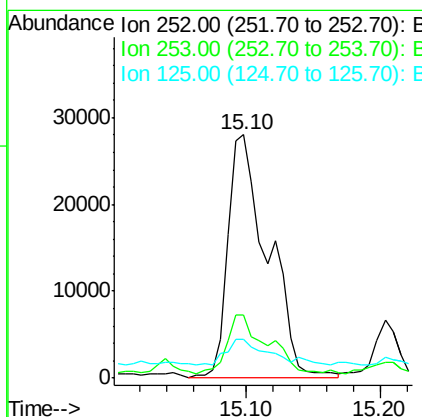
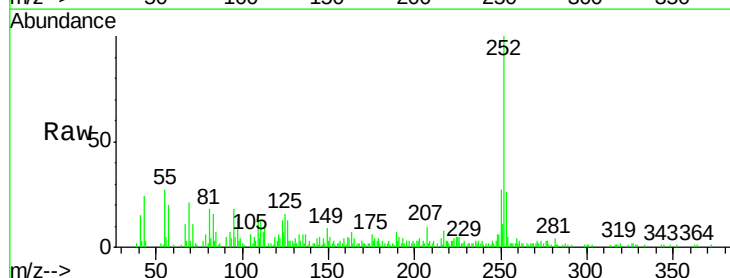
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-G

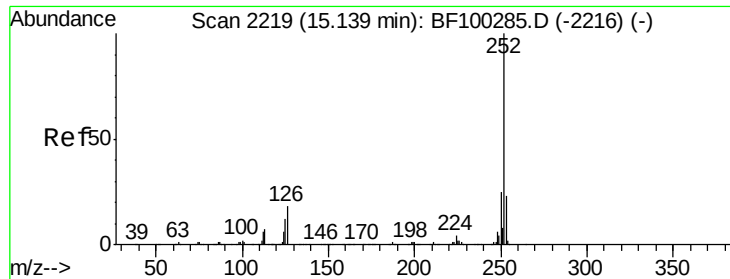
Tgt Ion:264 Resp: 140083
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.3 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 7.08 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF100507.D
Acq: 13 Nov 2017 17:17

Tgt Ion:252 Resp: 58788
Ion Ratio Lower Upper
252 100
253 25.9 17.0 25.6#
125 16.2 9.0 13.6#

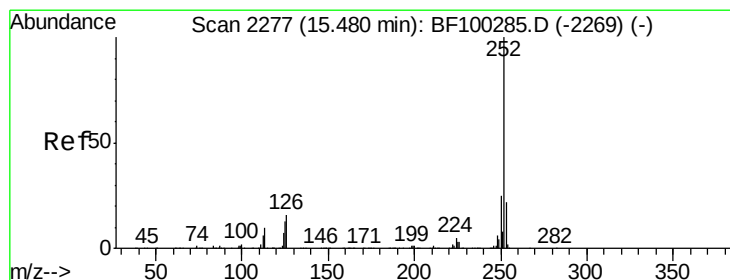
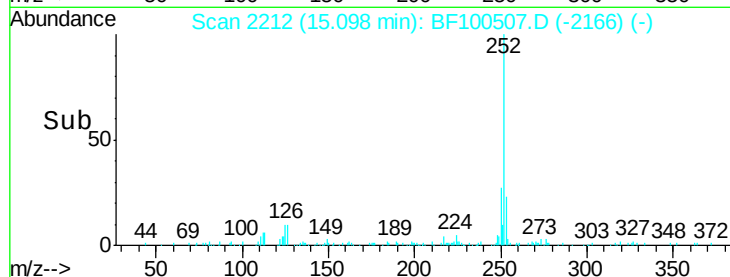
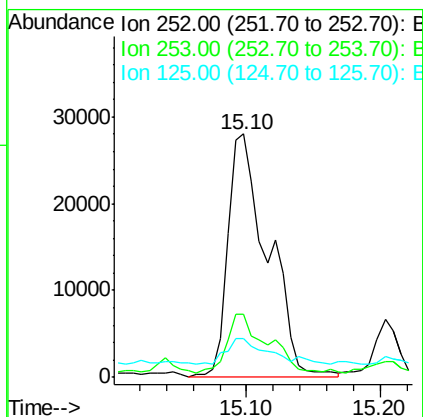
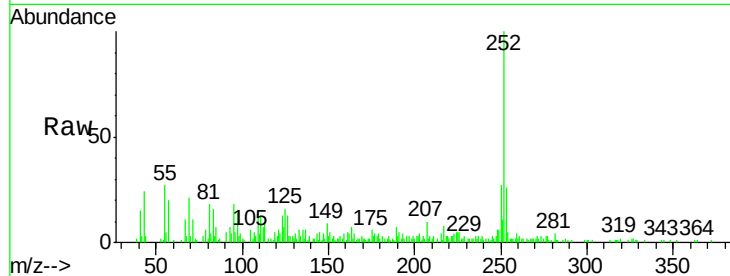




#88
Benzo(k)fluoranthene
Concen: 7.50 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BF100507.D
Acq: 13 Nov 2017 17:17

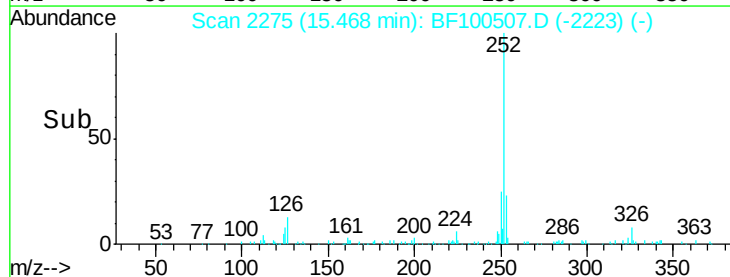
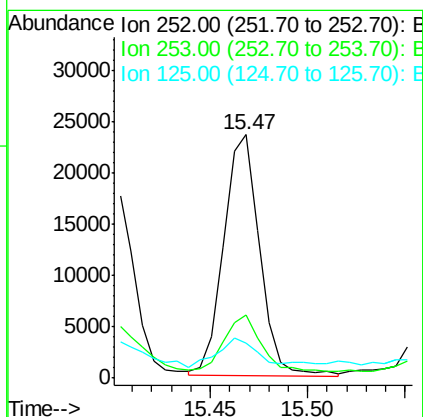
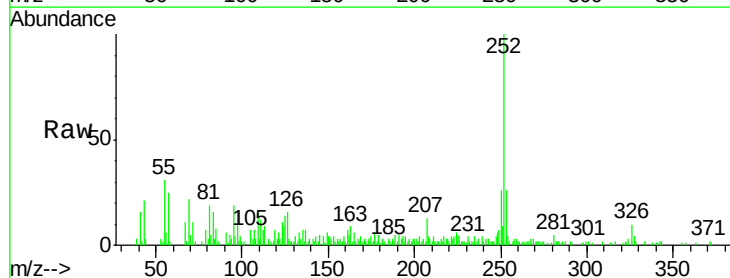
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-G

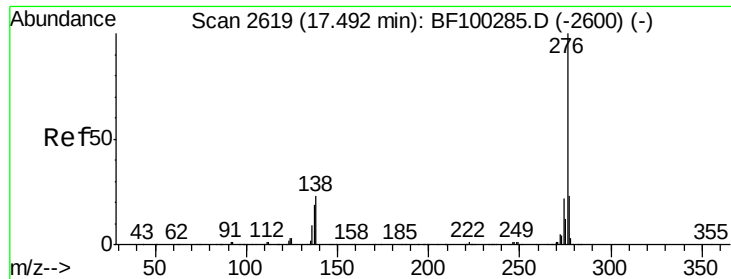
Tgt Ion:252 Resp: 58788
Ion Ratio Lower Upper
252 100
253 25.9 17.9 26.9
125 16.2 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 4.11 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF100507.D
Acq: 13 Nov 2017 17:17

Tgt Ion:252 Resp: 30271
Ion Ratio Lower Upper
252 100
253 26.1 17.1 25.7#
125 14.2 9.8 14.6





#91

Benzo(g,h,i)perylene

Concen: 2.90 ng

RT: 17.47 min Scan# 2615

Delta R.T. 0.01 min

Lab File: BF100507.D

Acq: 13 Nov 2017 17:17

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-G

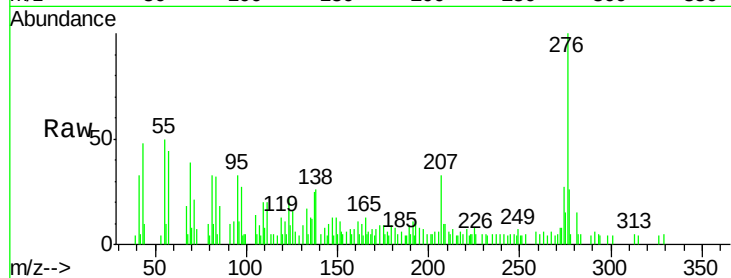
Tgt Ion: 276 Resp: 17108

Ion Ratio Lower Upper

276 100

277 26.1 17.9 26.9

138 25.9 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

