

Data File : BF100708.D
Acq On : 18 Nov 2017 8:37
Operator : SJ/JU
Sample : I6460-01 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-28-2-0-1.5

Quant Time: Nov 20 00:10:53 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	6.88	152	89388	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	344565	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	143003	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	221015	20.00	ng	0.00
75) Chrysene-d12	14.04	240	194998	20.00	ng	0.00
86) Perylene-d12	15.52	264	158264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	53903	9.67	ng	0.00
7) Phenol-d6	6.49	99	66409	9.66	ng	-0.02
23) Nitrobenzene-d5	7.44	82	37069	7.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	11282	7.74	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	76470	8.14	ng	0.00
78) Terphenyl-d14	12.98	244	48075	5.66	ng	0.00
Target Compounds						
25) Isophorone	7.44	82	37068	3.38	ng	# 64
50) 2,6-Dinitrotoluene	9.92	165	18631	8.62	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	18631	6.83	ng	# 22
87) Benzo(b)fluoranthene	15.08	252	21397	2.28	ng	# 95
88) Benzo(k)fluoranthene	15.08	252	21397	2.42	ng	98

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

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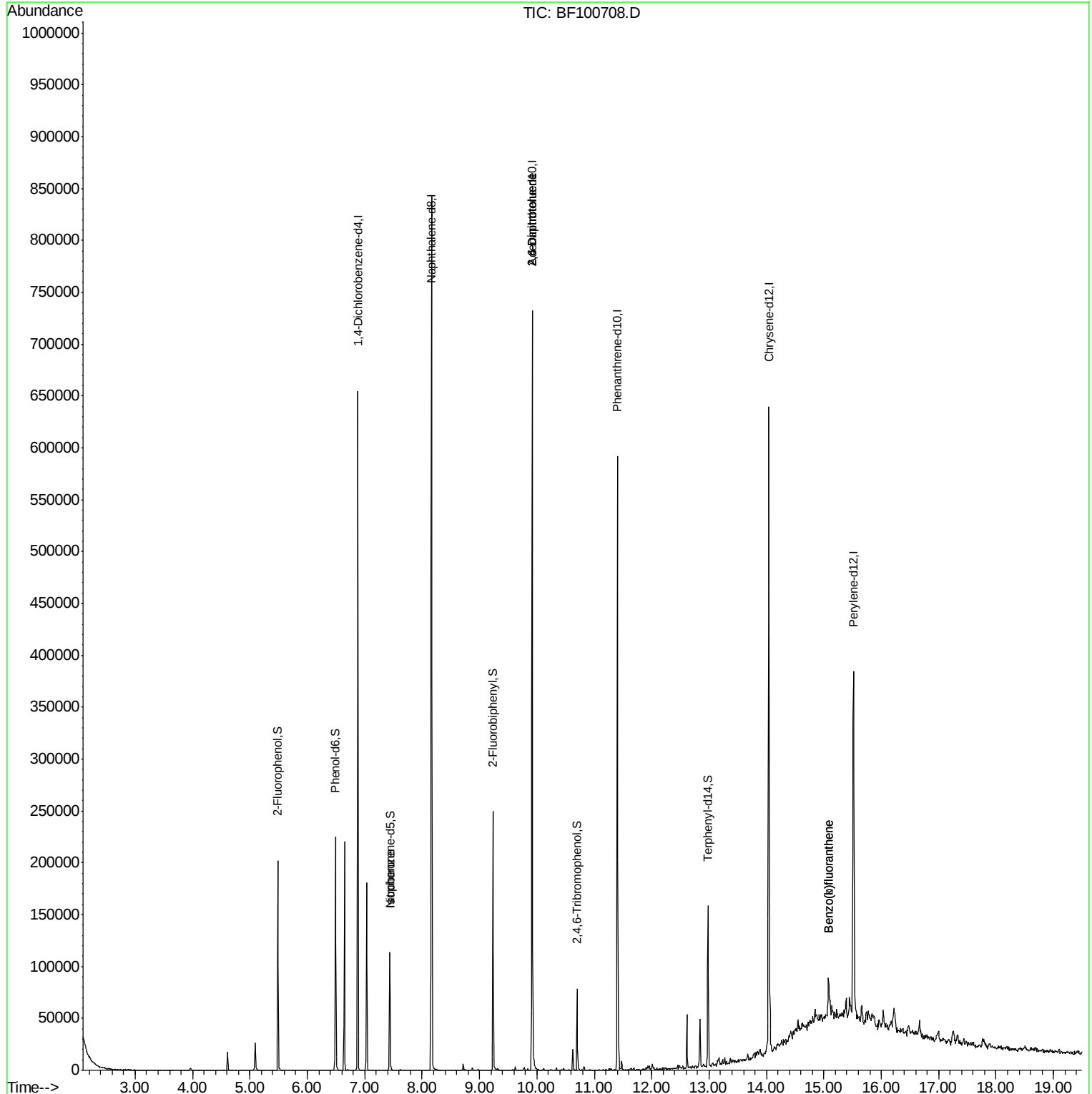
Quant Time: Nov 20 00:10:53 2017

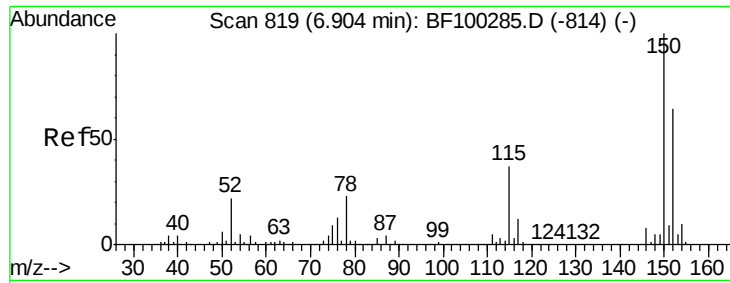
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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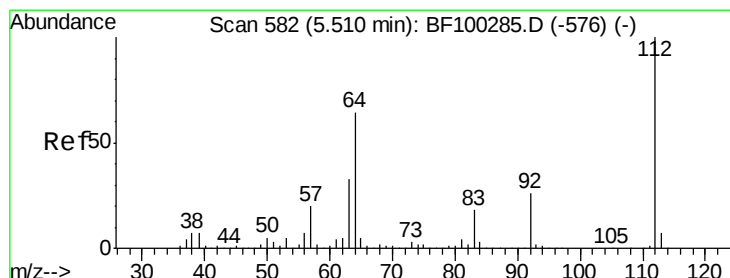
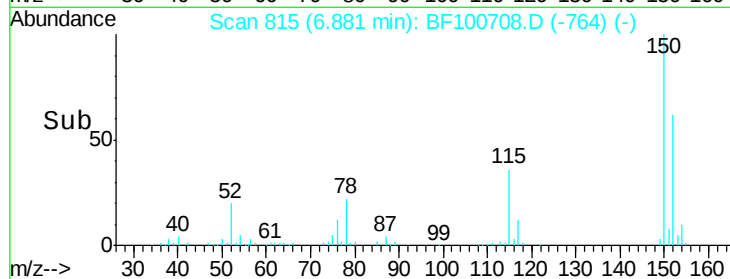
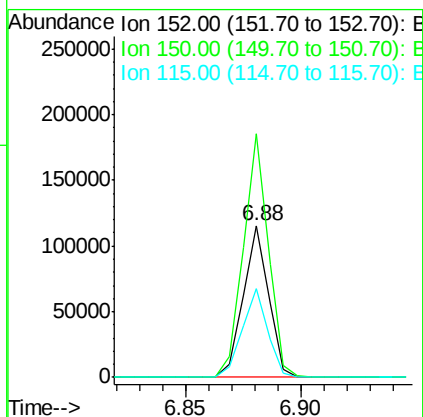
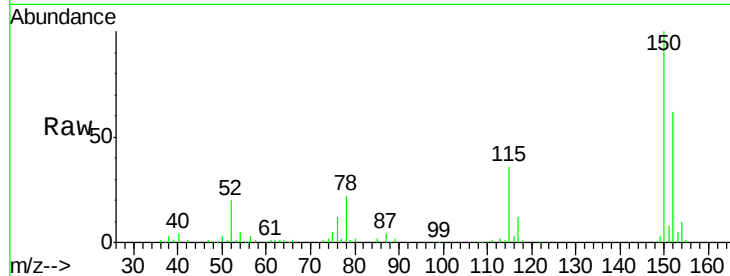




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF100708.D
 Acq: 18 Nov 2017 8:37

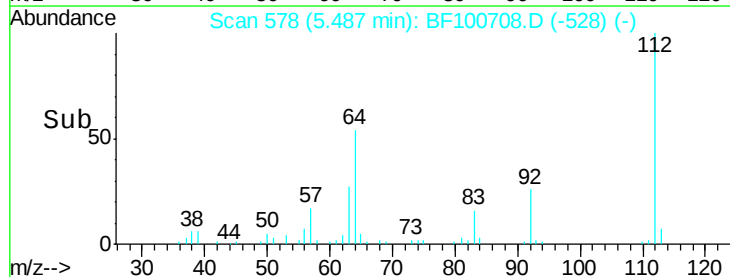
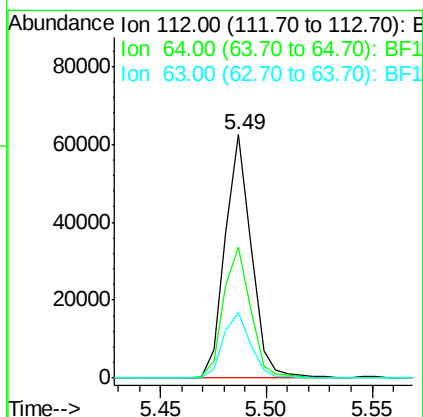
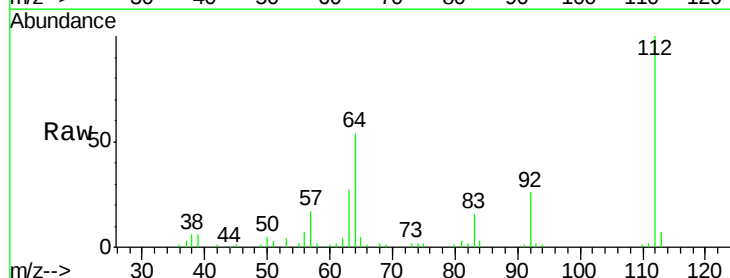
Instrument :
 BNA_F
 ClientSampleId :
 G-28-2-0-1.5

Tgt Ion:152 Resp: 89388
 Ion Ratio Lower Upper
 152 100
 150 160.1 124.6 186.8
 115 58.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 9.67 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF100708.D
 Acq: 18 Nov 2017 8:37

Tgt Ion:112 Resp: 53903
 Ion Ratio Lower Upper
 112 100
 64 53.8 47.9 71.9
 63 26.8 23.7 35.5





#7

Phenol-d6

Concen: 9.66 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100708.D

Acq: 18 Nov 2017 8:37

Instrument :

BNA_F

ClientSampleId :

G-28-2-0-1.5

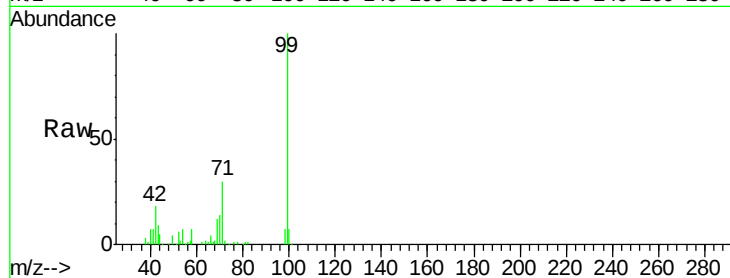
Tgt Ion: 99 Resp: 66409

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

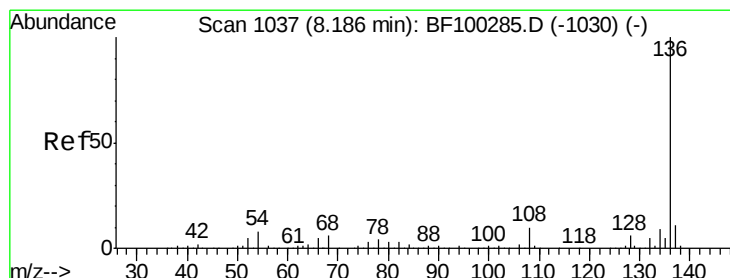
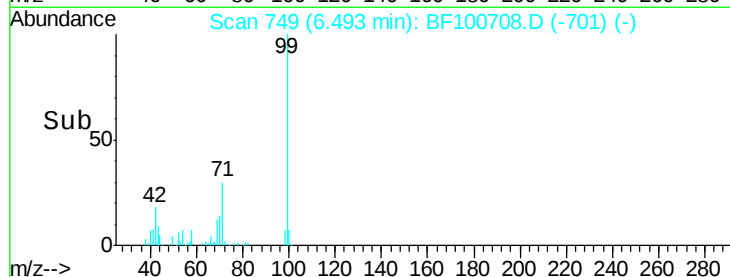
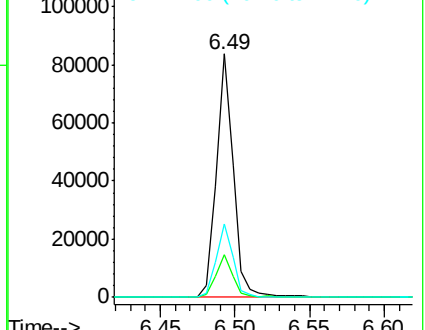
71 30.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100708.D

Acq: 18 Nov 2017 8:37

Tgt Ion: 136 Resp: 344565

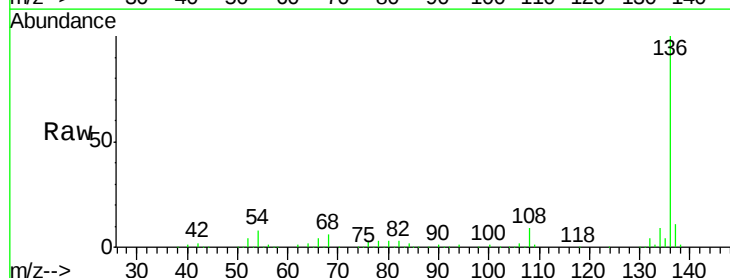
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.0 6.6 9.8

68 5.6 5.0 7.4

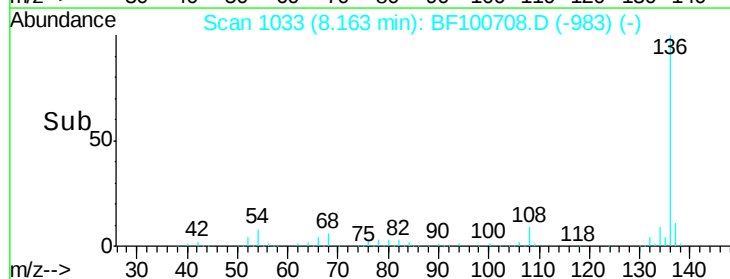
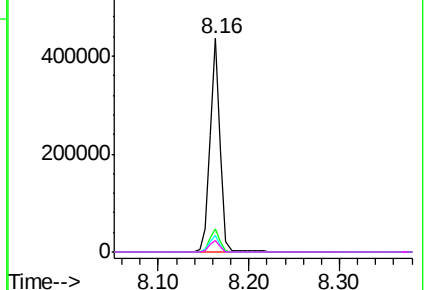


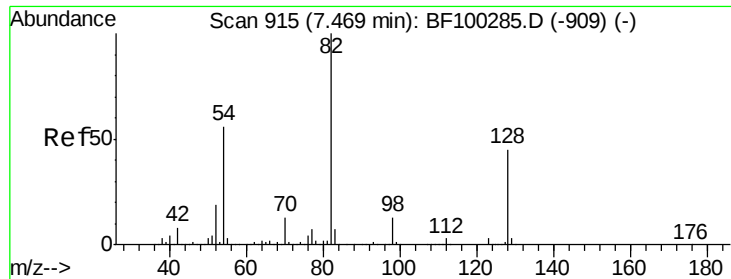
Abundance Ion 136.00 (135.70 to 136.70): E

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

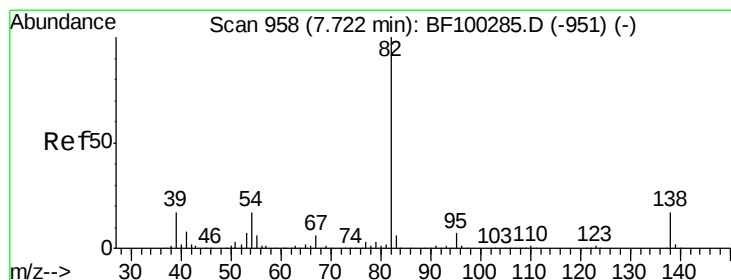
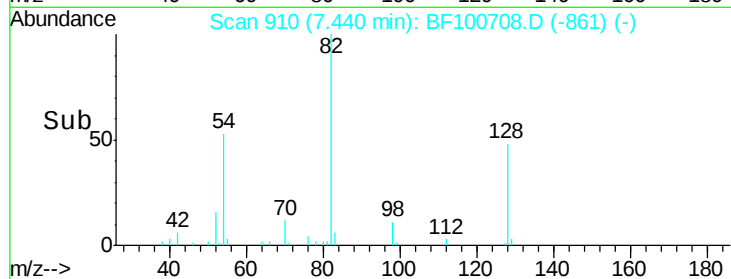
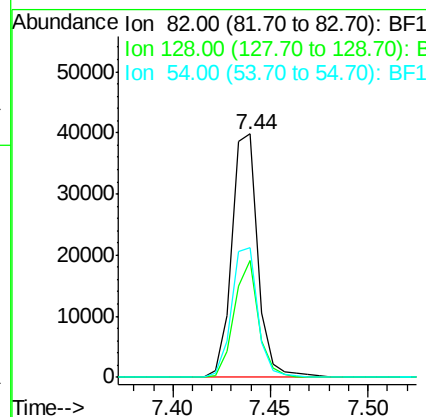
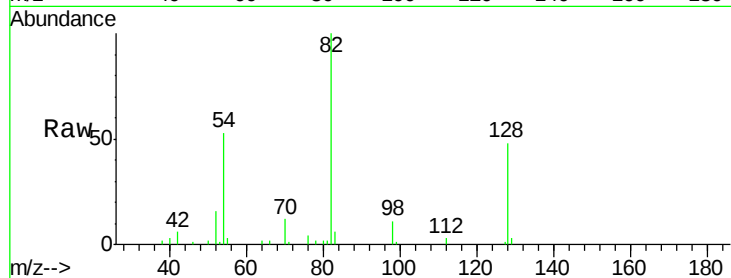




#23
 Nitrobenzene-d5
 Concen: 7.11 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF100708.D
 Acq: 18 Nov 2017 8:37

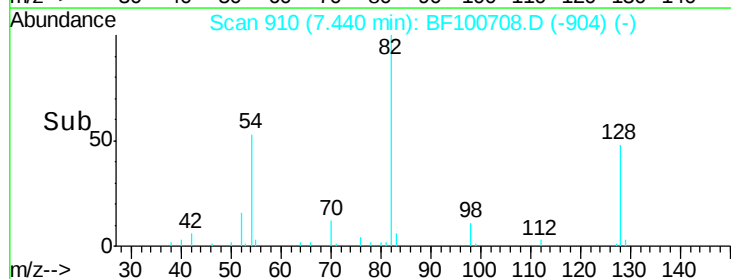
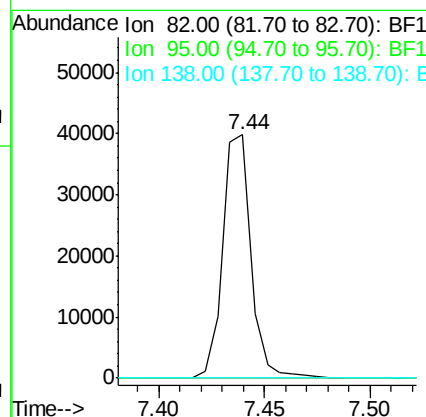
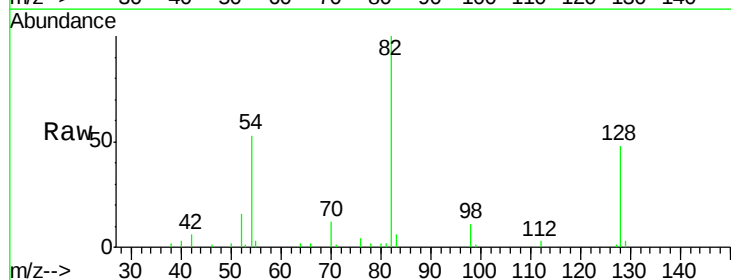
Instrument :
 BNA_F
 ClientSampleId :
 G-28-2-0-1.5

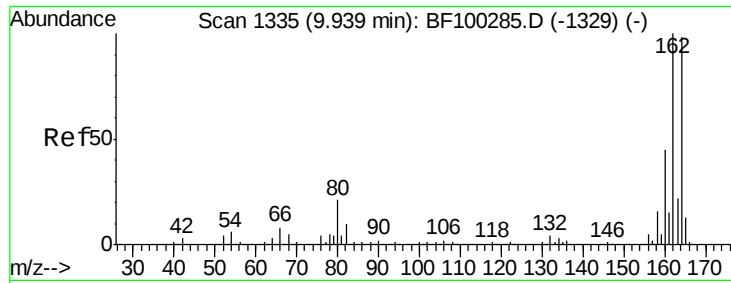
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	53.4	41.4	62.2



#25
 Isophorone
 Concen: 3.38 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.26 min
 Lab File: BF100708.D
 Acq: 18 Nov 2017 8:37

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

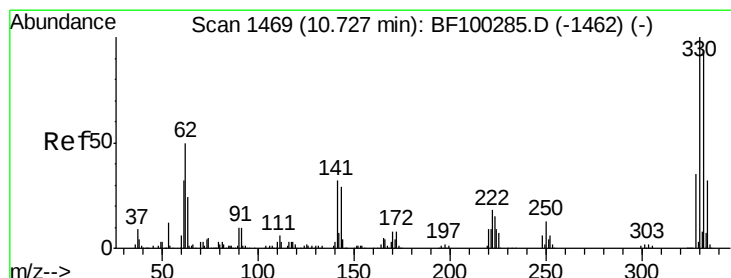
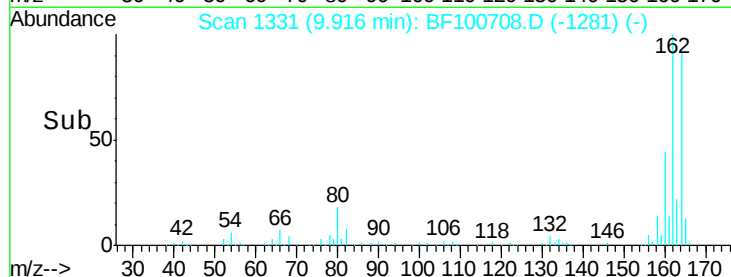
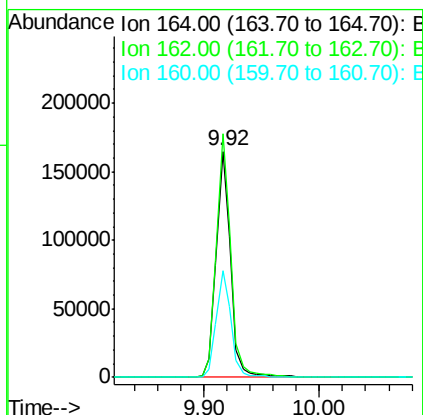
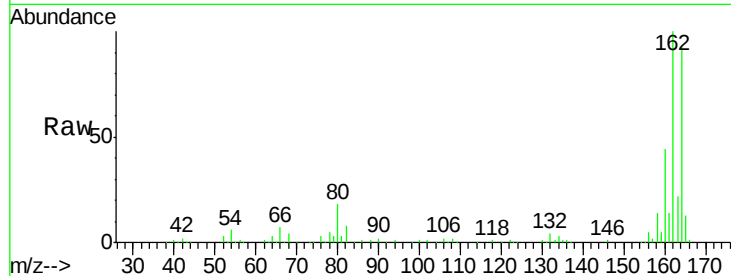




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100708.D
 Acq: 18 Nov 2017 8:37

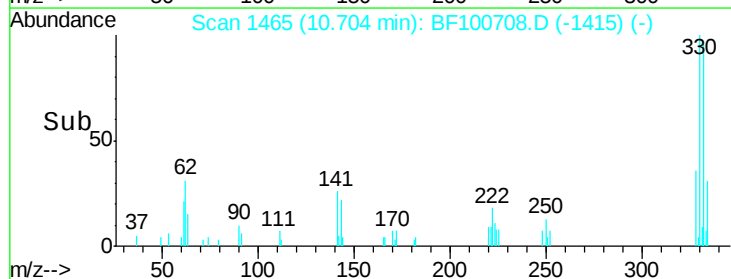
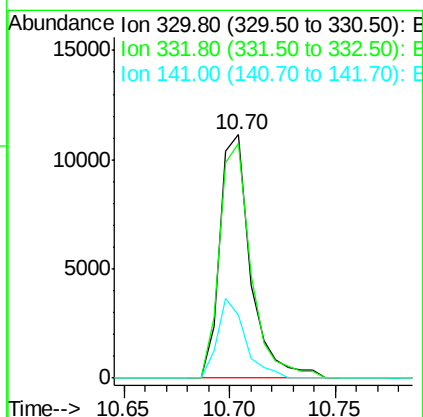
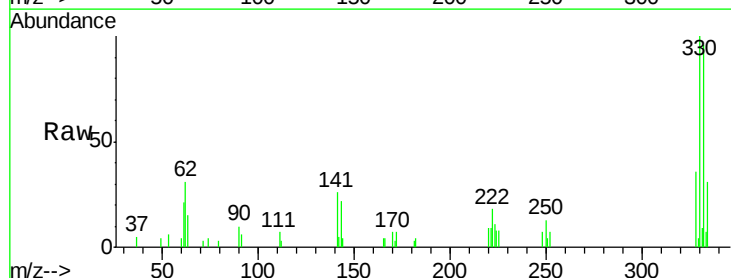
Instrument :
 BNA_F
 ClientSampleId :
 G-28-2-0-1.5

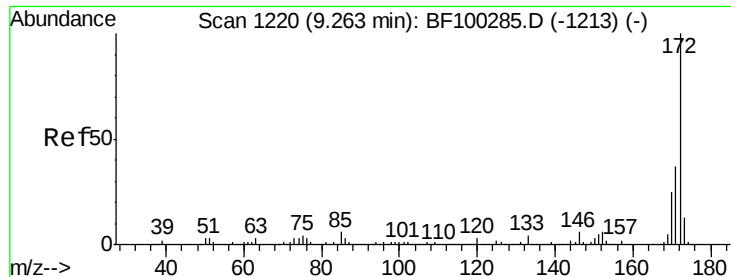
Tgt Ion:164 Resp: 143003
 Ion Ratio Lower Upper
 164 100
 162 107.8 86.1 129.1
 160 47.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 7.74 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100708.D
 Acq: 18 Nov 2017 8:37

Tgt Ion:330 Resp: 11282
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.0 115.6
 141 29.7 29.9 44.9#

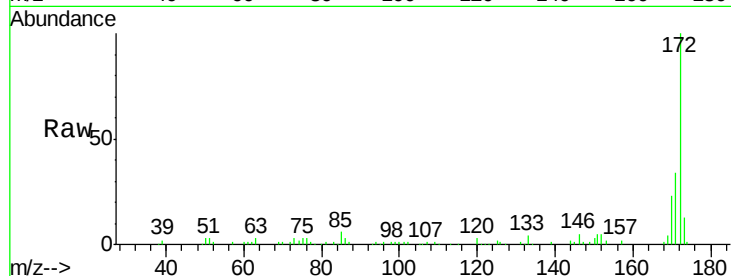




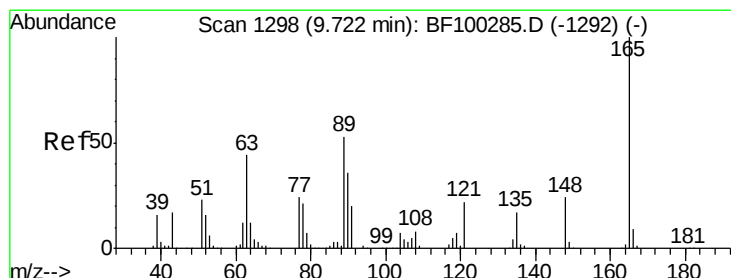
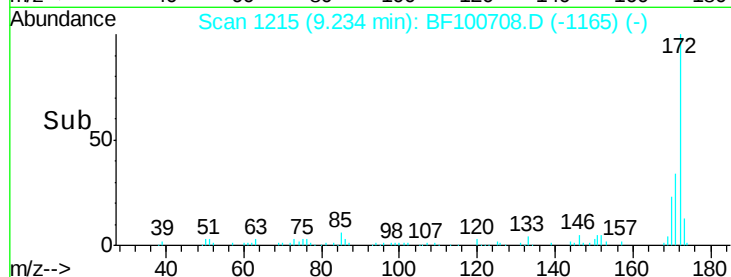
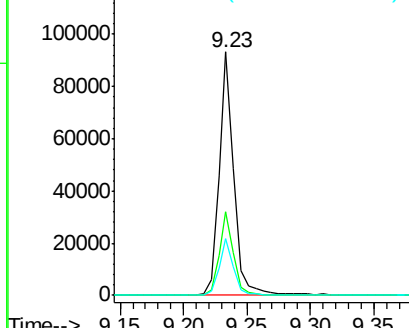
#44
 2-Fluorobiphenyl
 Concen: 8.14 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100708.D
 Acq: 18 Nov 2017 8:37

Instrument :
 BNA_F
 ClientSampleId :
 G-28-2-0-1.5

Tgt Ion:172 Resp: 76470
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.7 44.5
 170 23.5 19.6 29.4

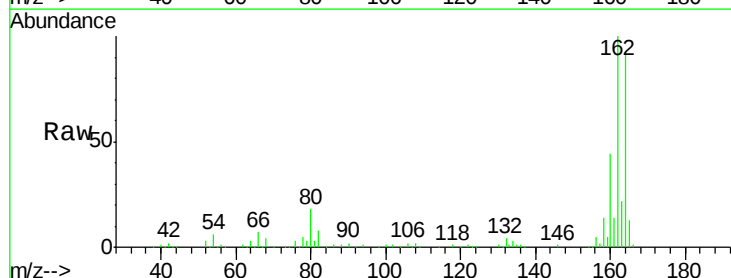


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

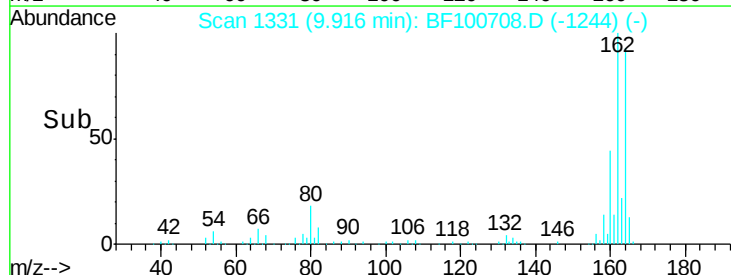
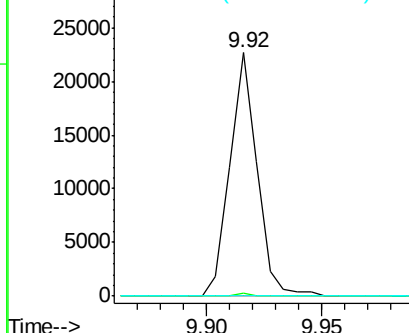


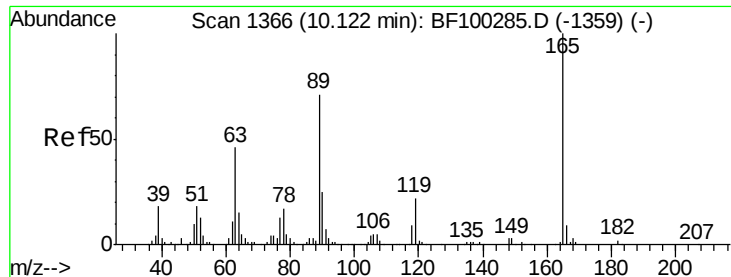
#50
 2,6-Dinitrotoluene
 Concen: 8.62 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF100708.D
 Acq: 18 Nov 2017 8:37

Tgt Ion:165 Resp: 18631
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.7 67.1#
 89 0.0 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

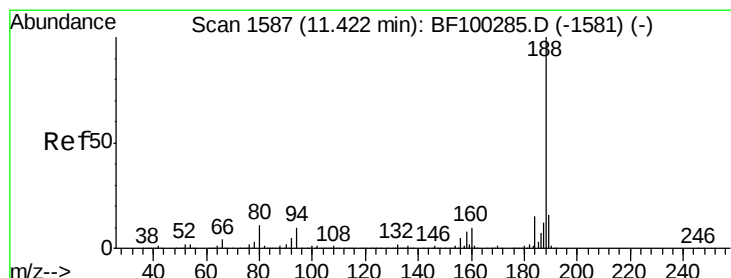
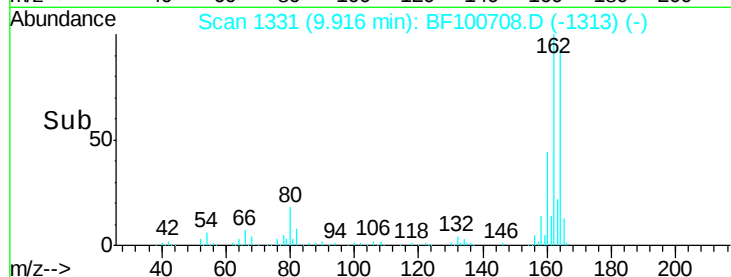
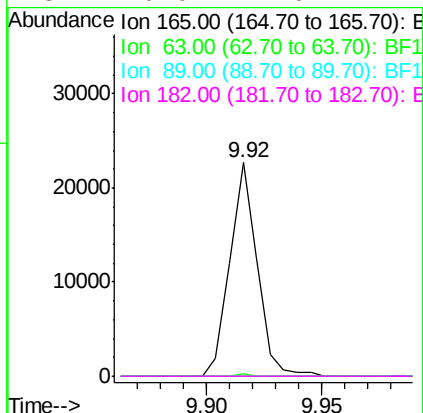
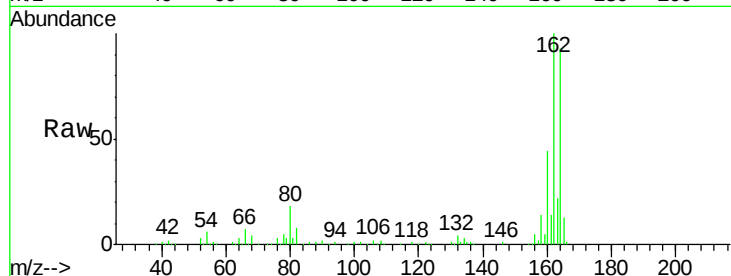




#56
 2,4-Dinitrotoluene
 Concen: 6.83 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100708.D
 Acq: 18 Nov 2017 8:37

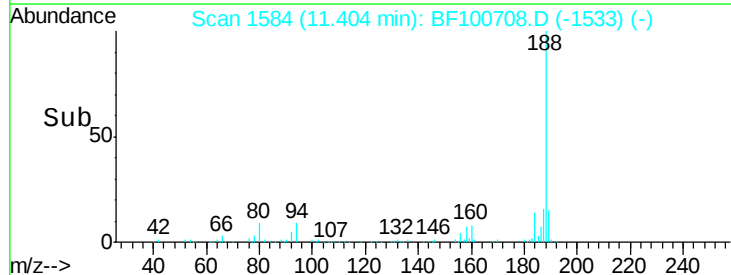
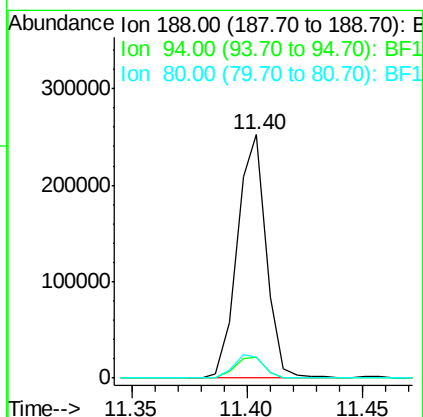
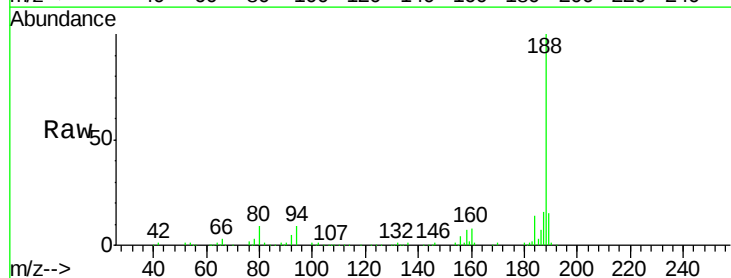
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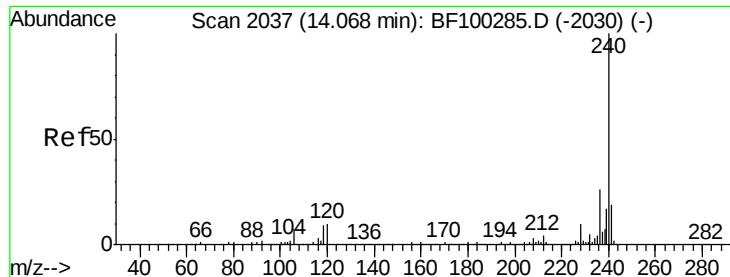
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF100708.D
 Acq: 18 Nov 2017 8:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	8.7	9.2	13.8#

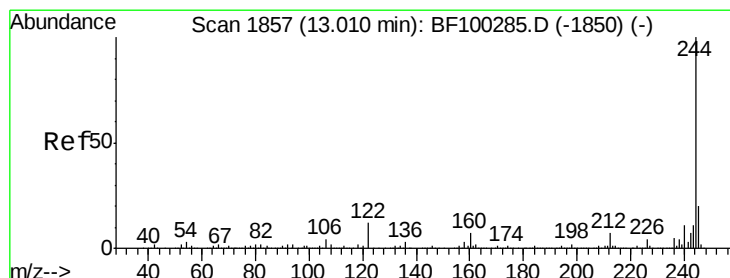
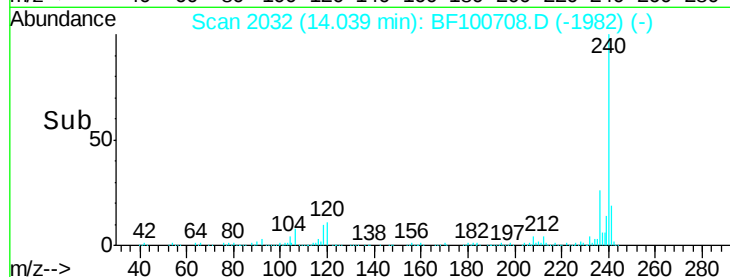
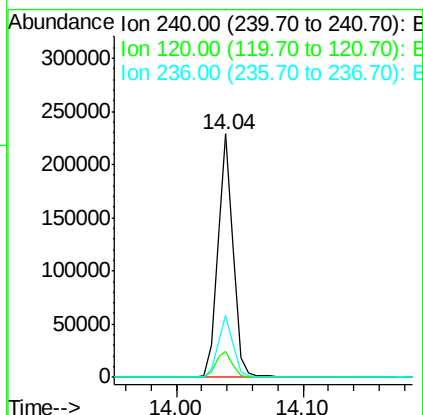
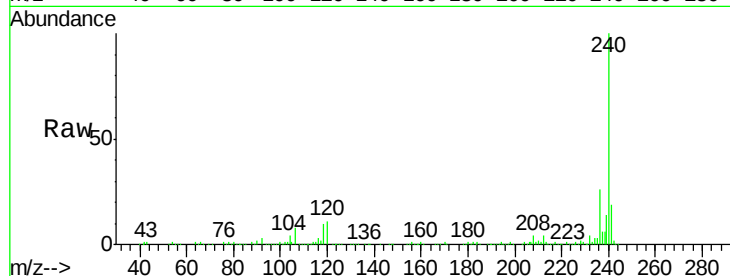




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100708.D
Acq: 18 Nov 2017 8:37

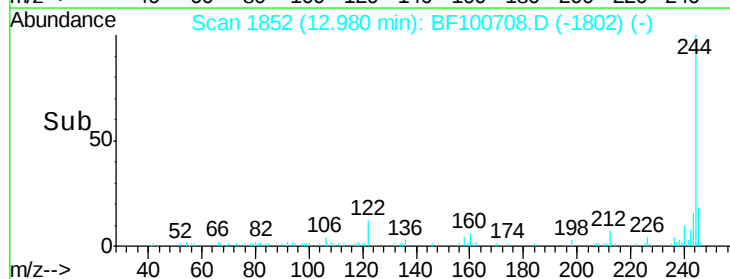
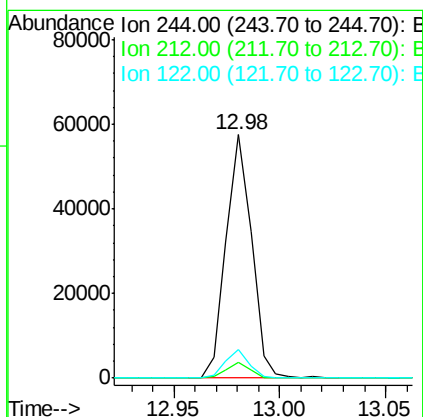
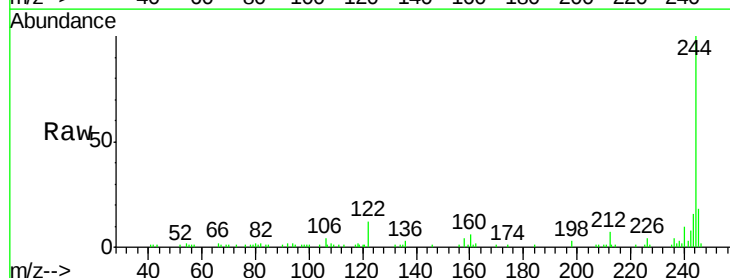
Instrument :
BNA_F
ClientSampleId :
G-28-2-0-1.5

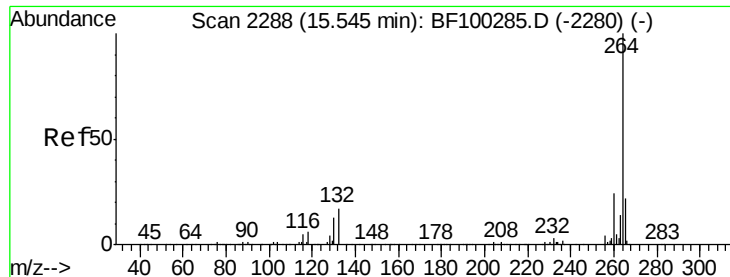
Tgt Ion:240 Resp: 194998
Ion Ratio Lower Upper
240 100
120 10.6 9.5 14.3
236 25.6 20.7 31.1



#78
Terphenyl-d14
Concen: 5.66 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100708.D
Acq: 18 Nov 2017 8:37

Tgt Ion:244 Resp: 48075
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 11.5 11.0 16.4

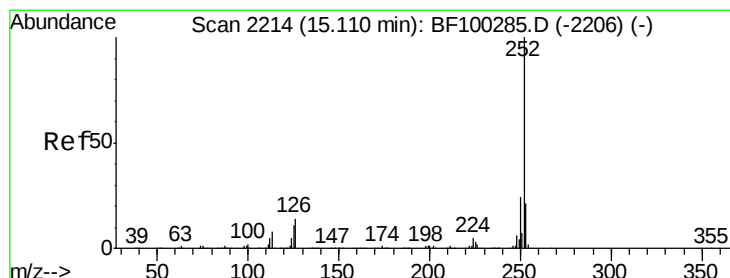
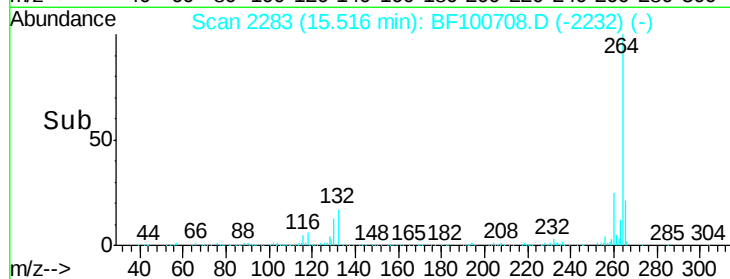
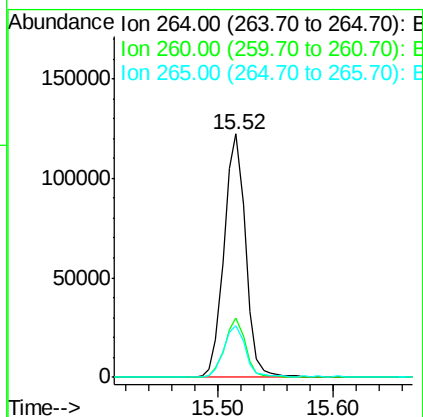
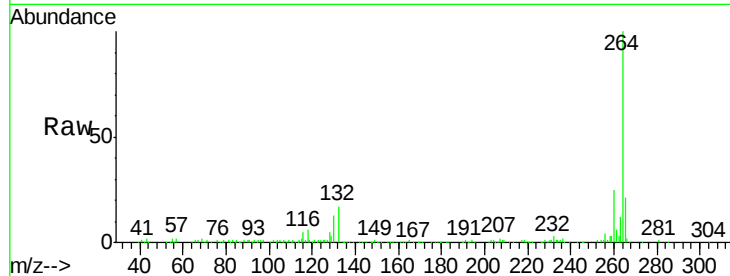




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF100708.D
Acq: 18 Nov 2017 8:37

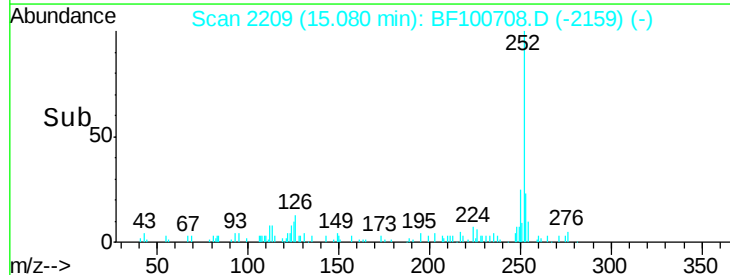
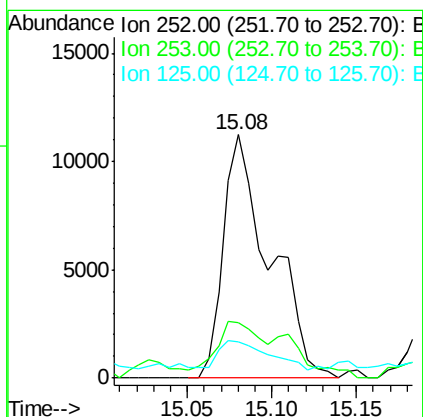
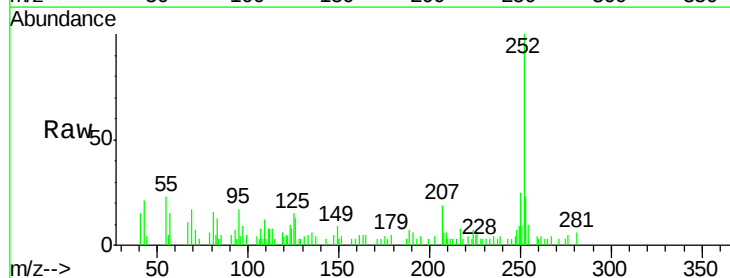
Instrument :
BNA_F
ClientSampleId :
G-28-2-0-1.5

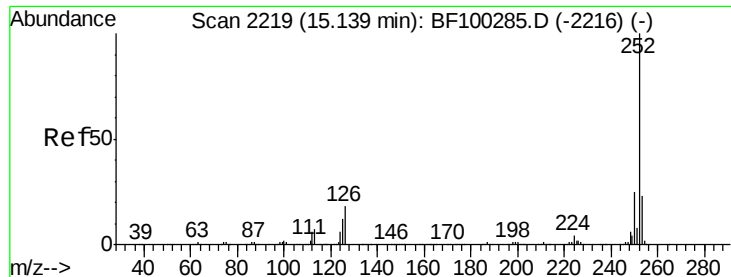
Tgt Ion:264 Resp: 158264
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.1 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 2.28 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF100708.D
Acq: 18 Nov 2017 8:37

Tgt Ion:252 Resp: 21397
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 14.7 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 2.42 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.04 min

Lab File: BF100708.D

Acq: 18 Nov 2017 8:37

Instrument :

BNA_F

ClientSampleId :

G-28-2-0-1.5

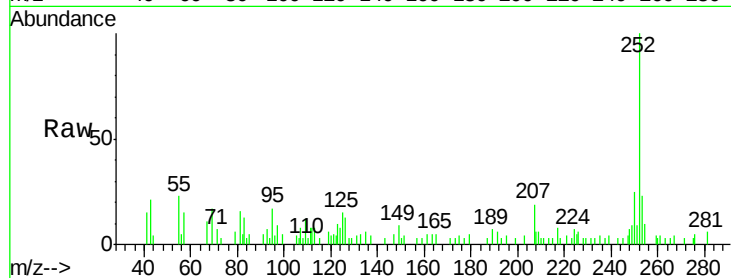
Tgt Ion: 252 Resp: 21397

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

125 14.7 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

