

Data File : BF100710.D
Acq On : 18 Nov 2017 9:30
Operator : SJ/JU
Sample : I6460-03 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-31-2-0-1.5

Quant Time: Nov 20 00:11:18 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	114039	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	422369	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	174221	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	279791	20.00	ng	0.00
75) Chrysene-d12	14.04	240	253453	20.00	ng	0.00
86) Perylene-d12	15.52	264	198878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	39003	5.48	ng	0.00
7) Phenol-d6	6.49	99	46986	5.36	ng	-0.02
23) Nitrobenzene-d5	7.43	82	27096	4.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	7918	4.46	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	62276	5.44	ng	0.00
78) Terphenyl-d14	12.98	244	44368	4.02	ng	0.00
Target Compounds						
25) Isophorone	7.43	82	27095	2.02	ng	# 64
50) 2,6-Dinitrotoluene	9.92	165	21911	8.32	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	21911	6.60	ng	# 23
83) Bis(2-ethylhexyl)phthalate	14.01	149	106513	10.99	ng	98

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

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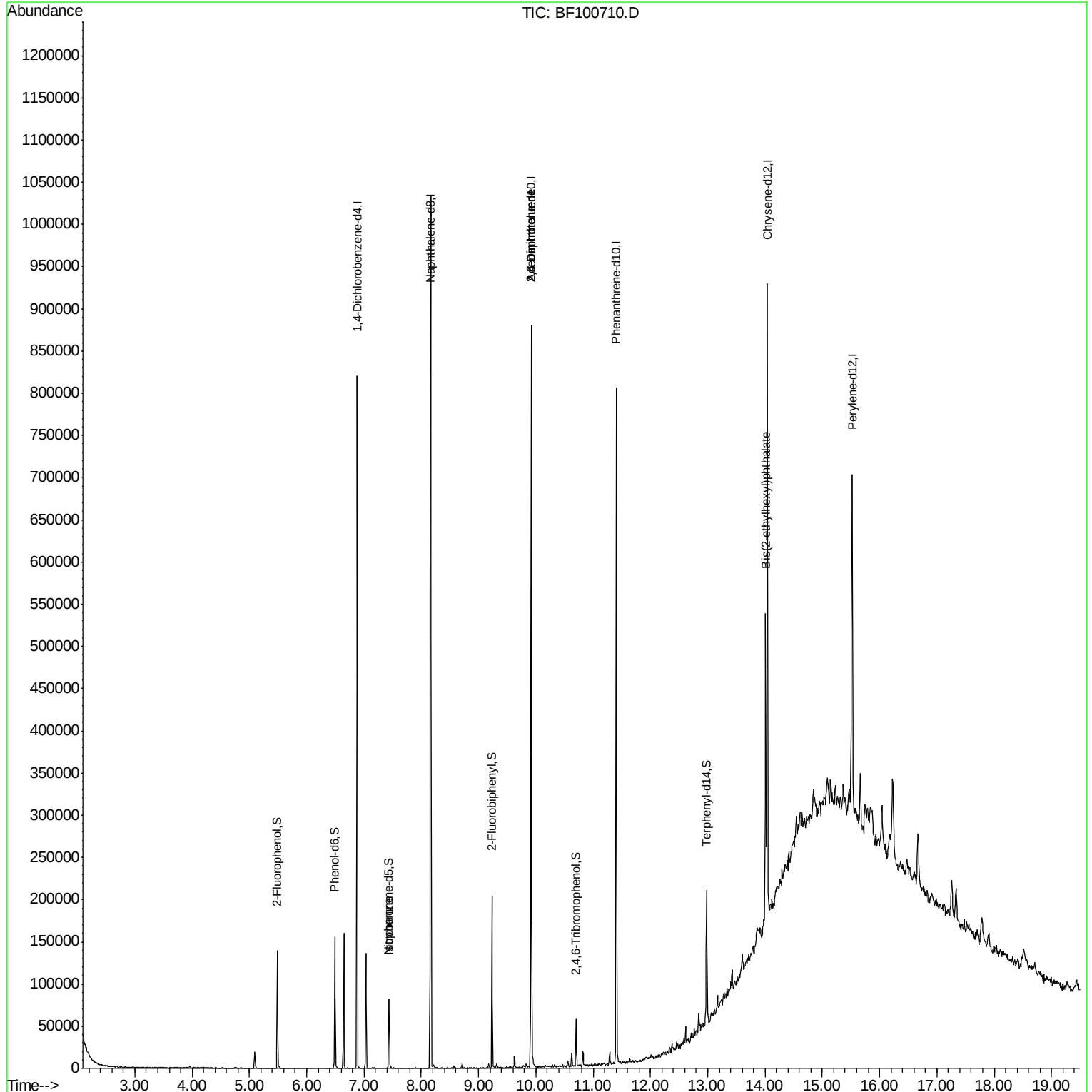
Quant Time: Nov 20 00:11:18 2017

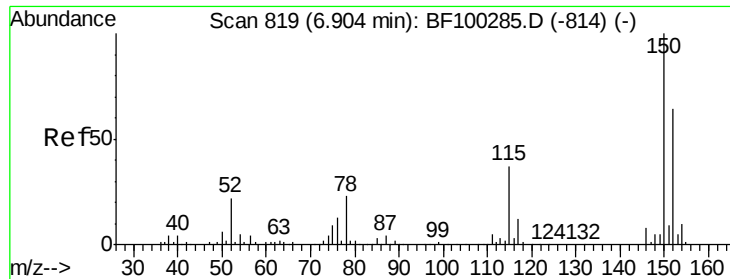
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 17 15:22:08 2017

Response via : Initial Calibration



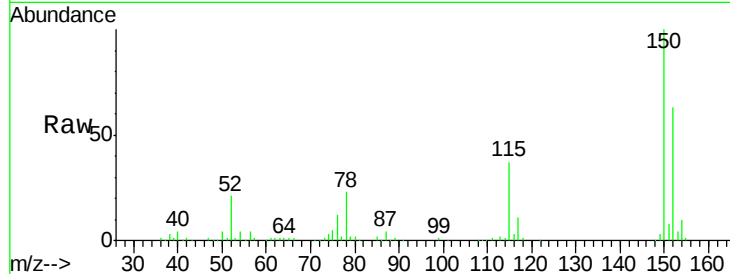


#1

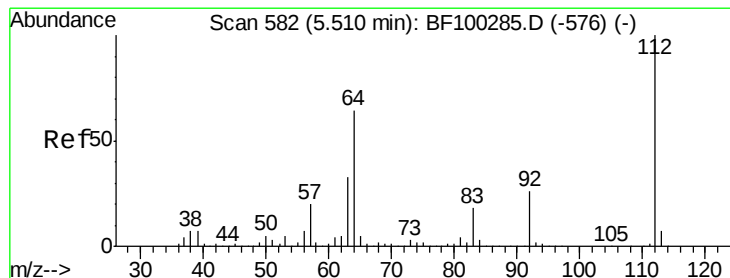
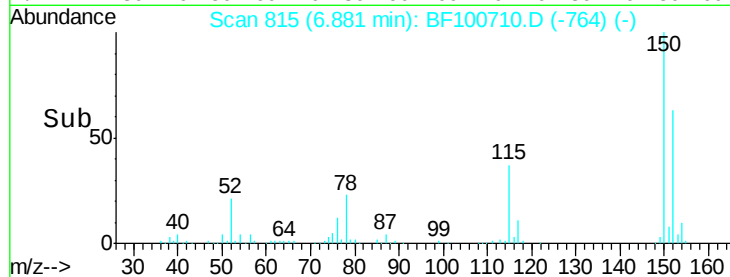
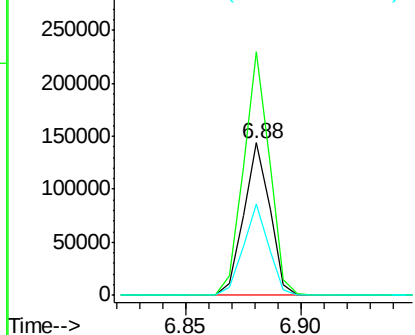
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100710.D
Acq: 18 Nov 2017 9:30

Instrument :
BNA_F
ClientSampleId :
G-31-2-0-1.5

Tgt Ion:152 Resp: 114039
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 59.8 50.1 75.1



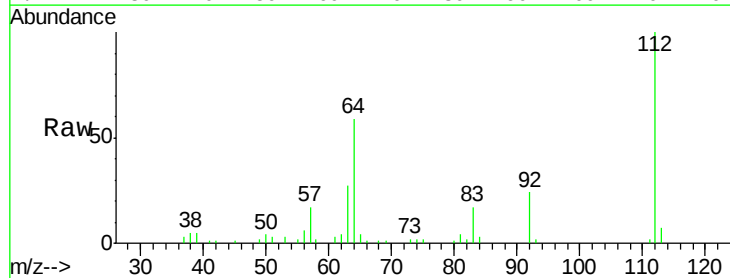
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



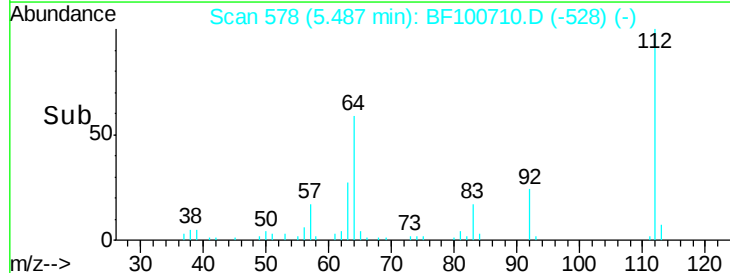
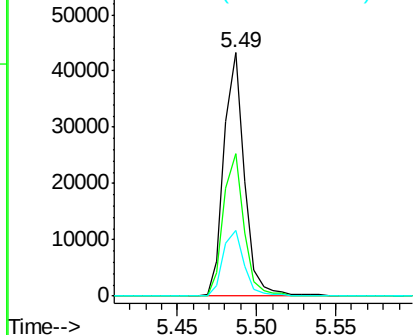
#5

2-Fluorophenol
Concen: 5.48 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100710.D
Acq: 18 Nov 2017 9:30

Tgt Ion:112 Resp: 39003
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 27.0 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: 5.36 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100710.D

Acq: 18 Nov 2017 9:30

Instrument :

BNA_F

ClientSampleId :

G-31-2-0-1.5

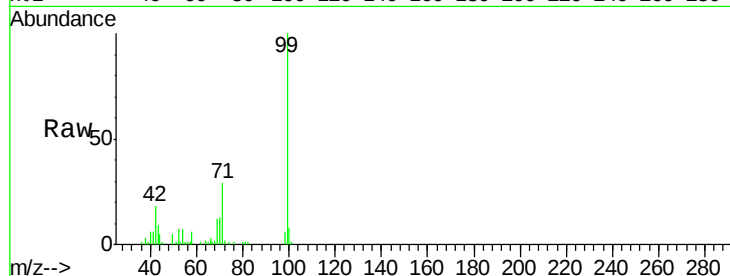
Tgt Ion: 99 Resp: 46986

Ion Ratio Lower Upper

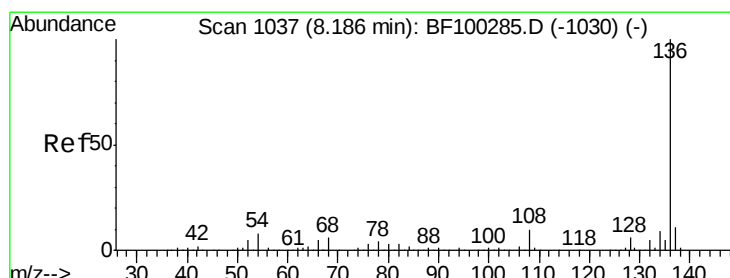
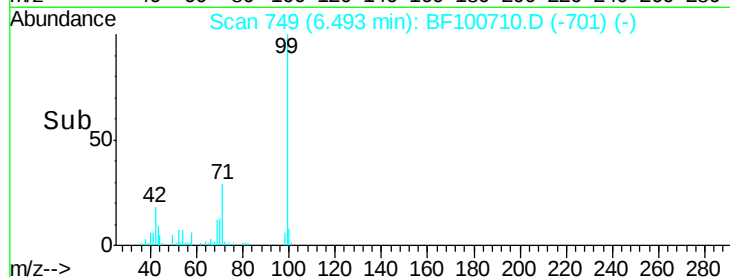
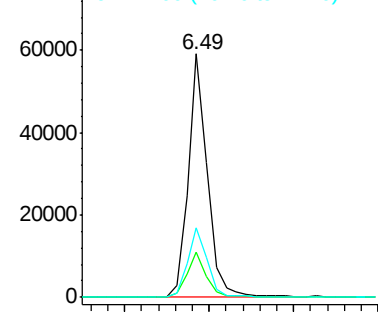
99 100

42 18.3 14.5 21.7

71 28.7 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100710.D

Acq: 18 Nov 2017 9:30

Tgt Ion: 136 Resp: 422369

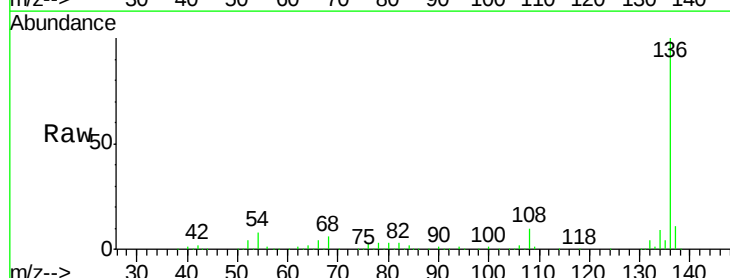
Ion Ratio Lower Upper

136 100

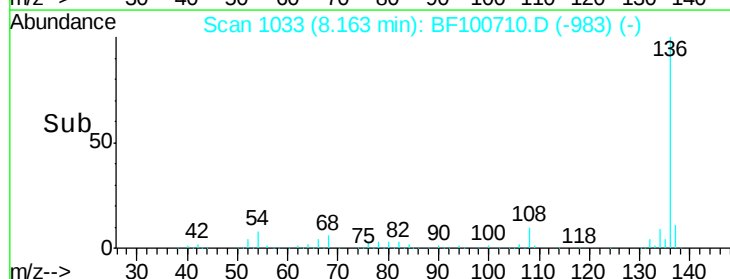
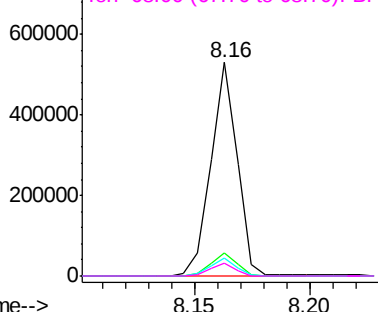
137 11.1 8.9 13.3

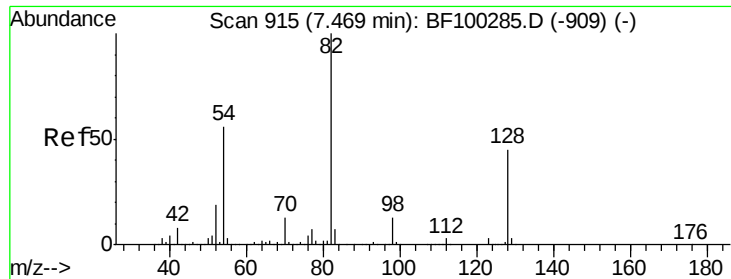
54 8.1 6.6 9.8

68 5.7 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: 4.24 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF100710.D

Acq: 18 Nov 2017 9:30

Instrument :

BNA_F

ClientSampleId :

G-31-2-0-1.5

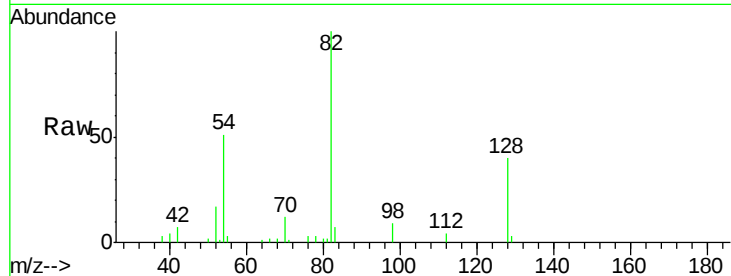
Tgt Ion: 82 Resp: 27096

Ion Ratio Lower Upper

82 100

128 39.6 36.1 54.1

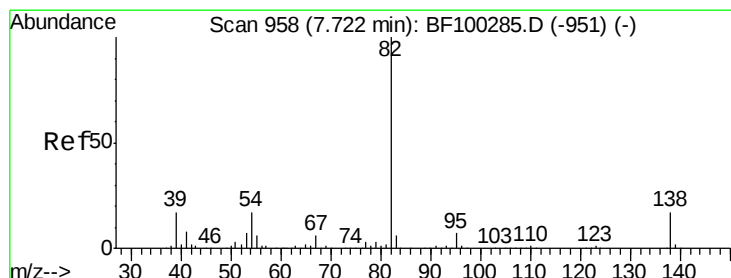
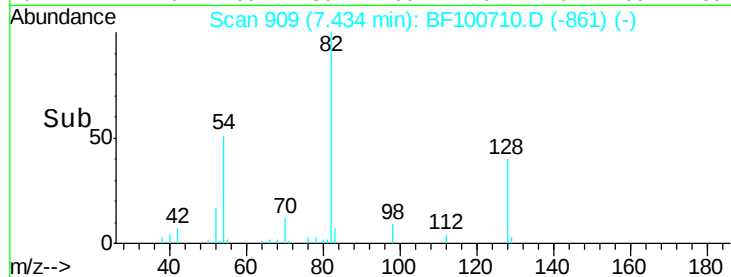
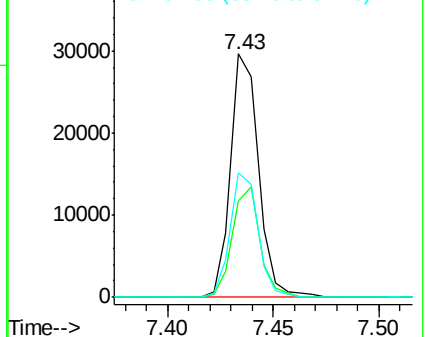
54 51.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 2.02 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.27 min

Lab File: BF100710.D

Acq: 18 Nov 2017 9:30

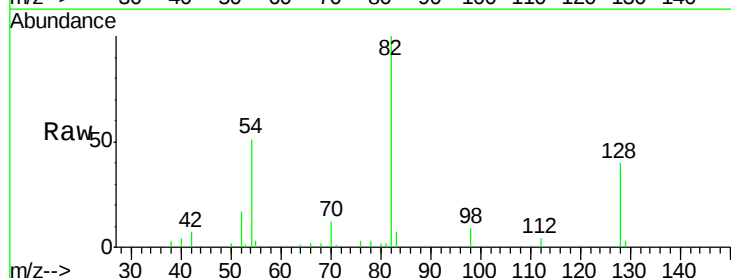
Tgt Ion: 82 Resp: 27095

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

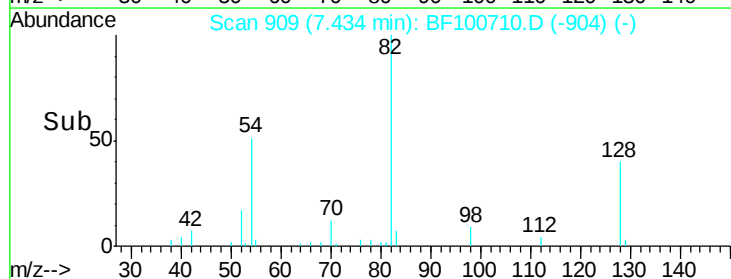
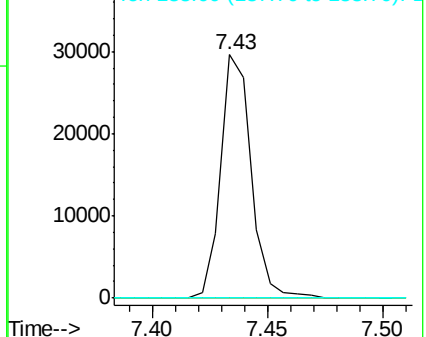
138 0.0 14.9 22.3#

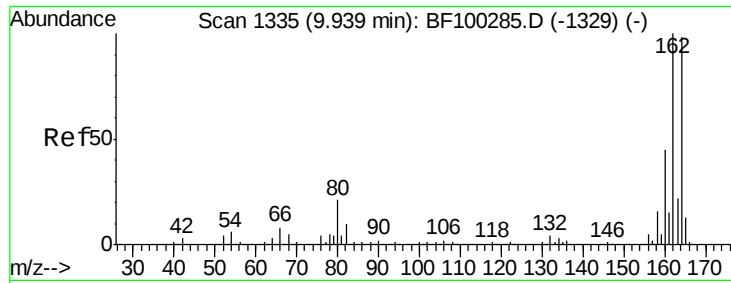


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100710.D

Acq: 18 Nov 2017 9:30

Instrument :

BNA_F

ClientSampleId :

G-31-2-0-1.5

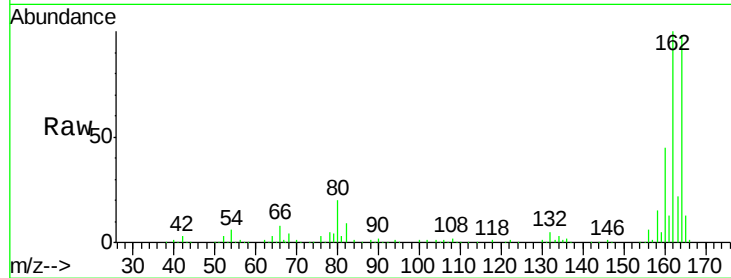
Tgt Ion:164 Resp: 174221

Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

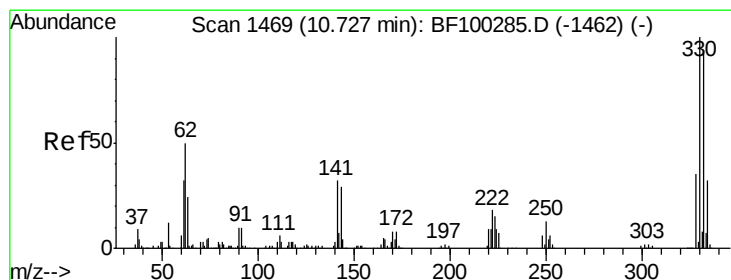
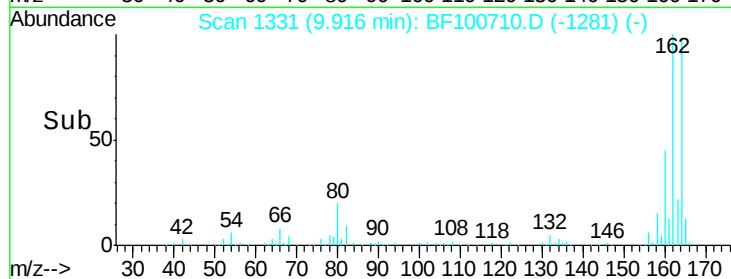
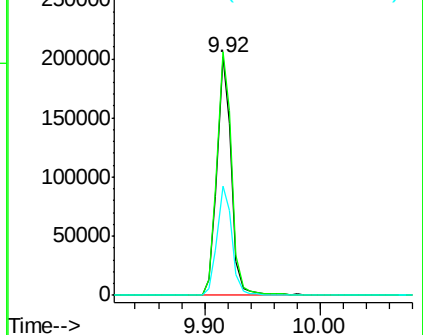
160 46.0 38.3 57.5



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: 4.46 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF100710.D

Acq: 18 Nov 2017 9:30

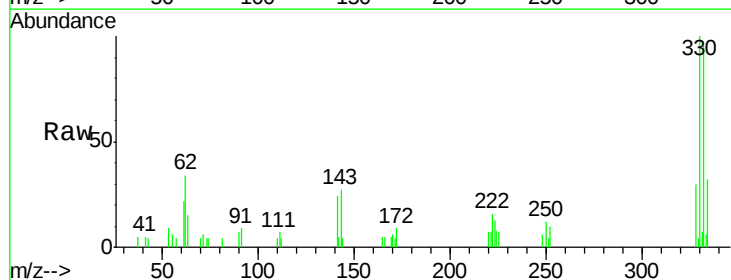
Tgt Ion:330 Resp: 7918

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

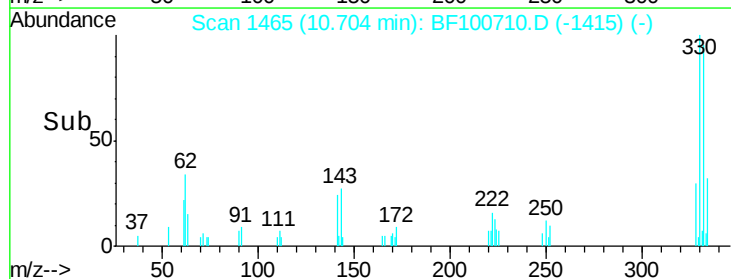
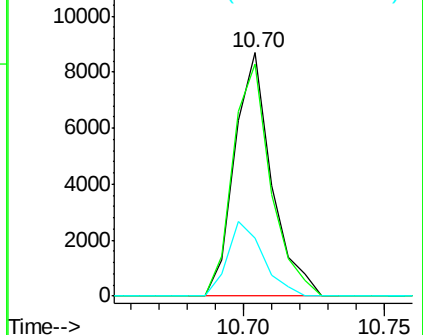
141 29.5 29.9 44.9#

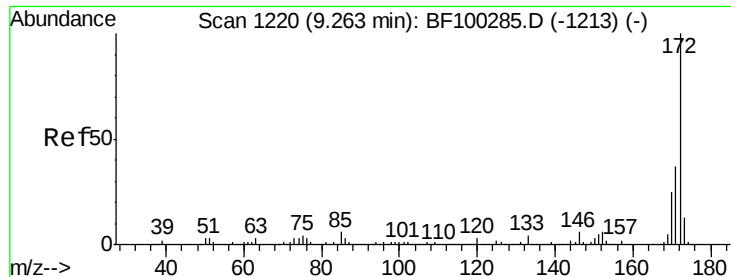


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

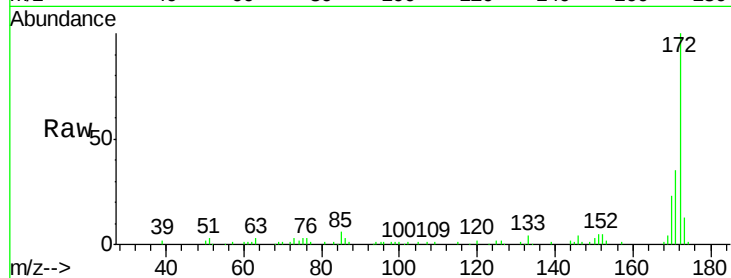




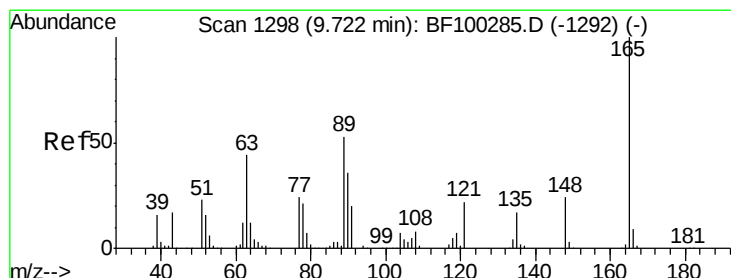
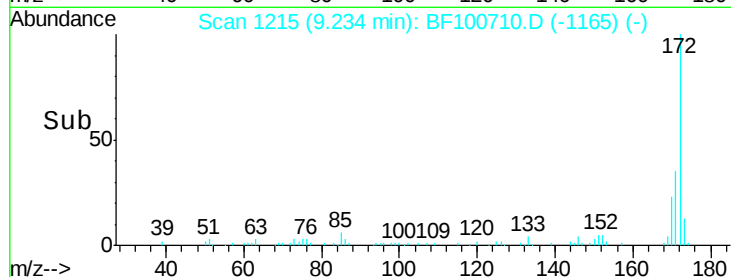
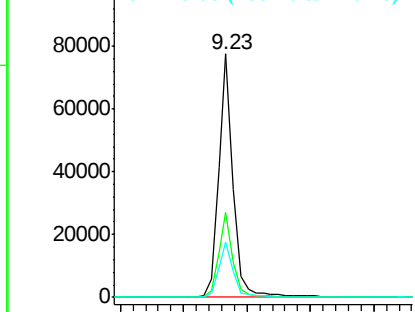
#44
 2-Fluorobiphenyl
 Concen: 5.44 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100710.D
 Acq: 18 Nov 2017 9:30

Instrument :
 BNA_F
 ClientSampleId :
 G-31-2-0-1.5

Tgt Ion:172 Resp: 62276
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.7 44.5
 170 22.6 19.6 29.4

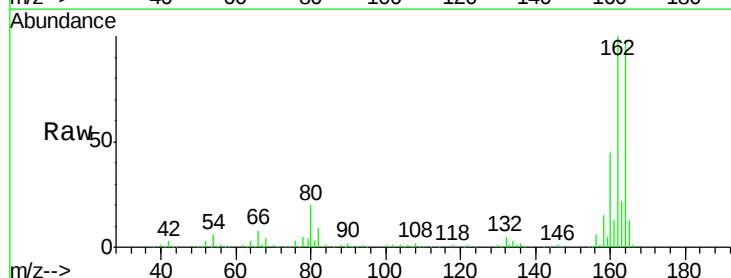


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

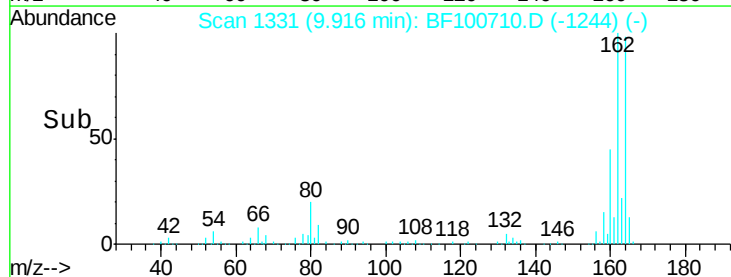
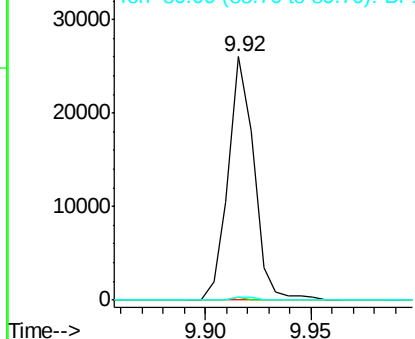


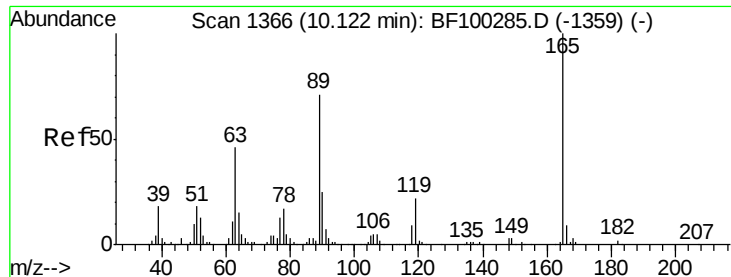
#50
 2,6-Dinitrotoluene
 Concen: 8.32 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF100710.D
 Acq: 18 Nov 2017 9:30

Tgt Ion:165 Resp: 21911
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.7 67.1#
 89 1.2 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

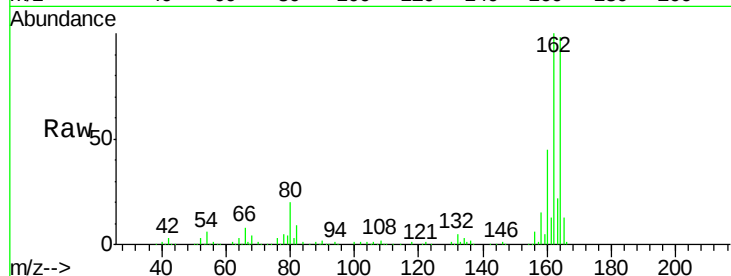




#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100710.D
Acq: 18 Nov 2017 9:30

Instrument :
BNA_F
ClientSampleId :
G-31-2-0-1.5

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

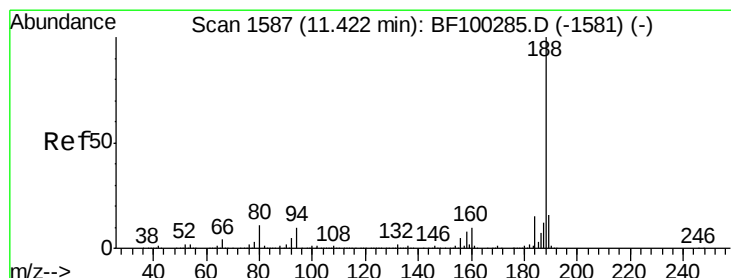
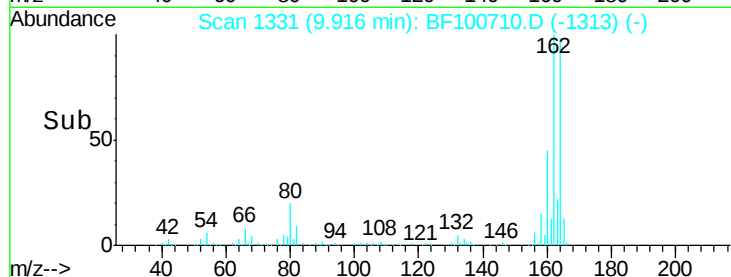
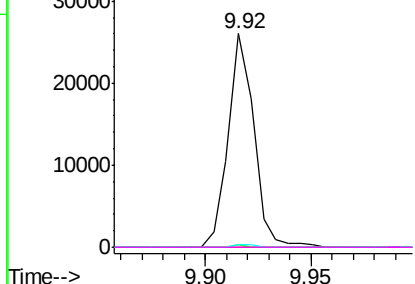


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

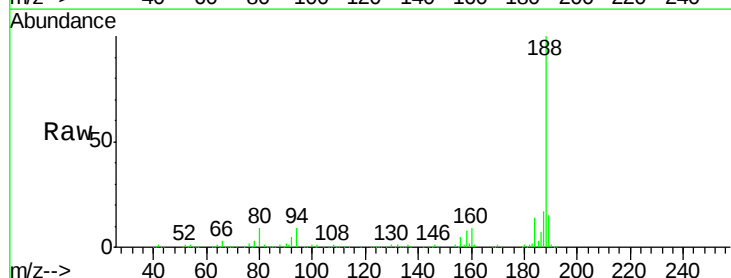
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100710.D
Acq: 18 Nov 2017 9:30

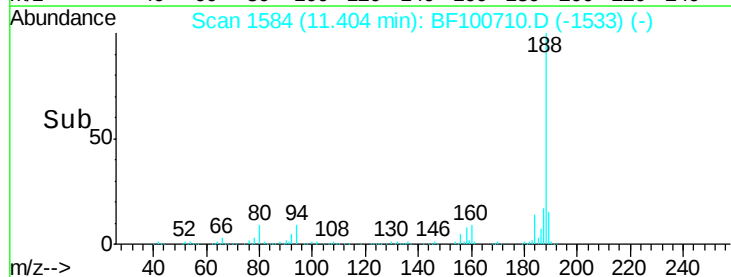
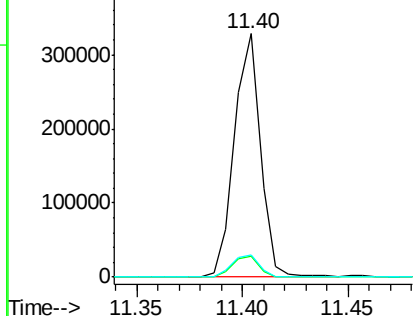
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.1	9.2	13.8#

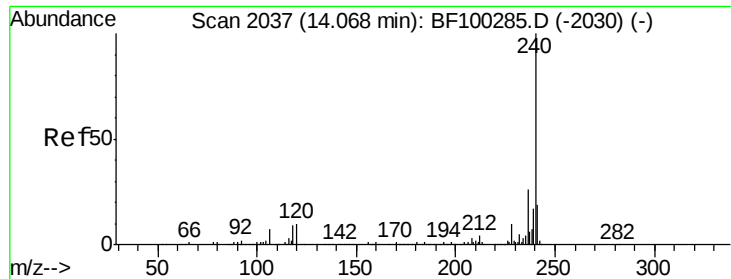


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100710.D

Acq: 18 Nov 2017 9:30

Instrument :

BNA_F

ClientSampleId :

G-31-2-0-1.5

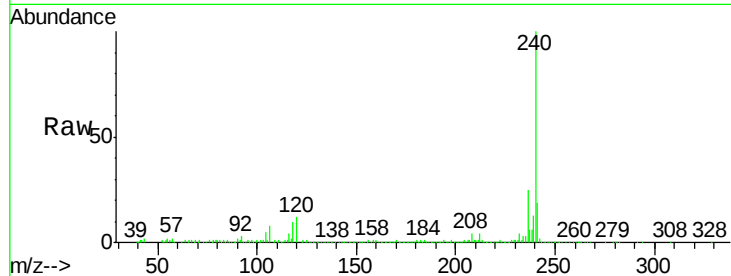
Tgt Ion:240 Resp: 253453

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

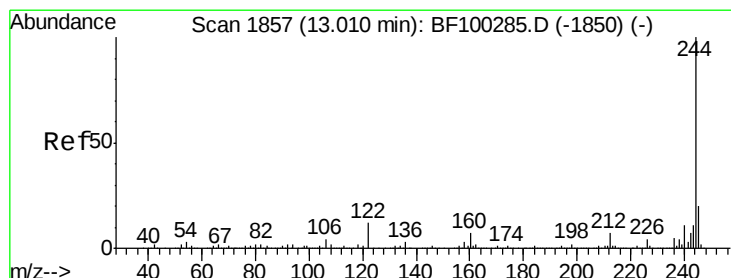
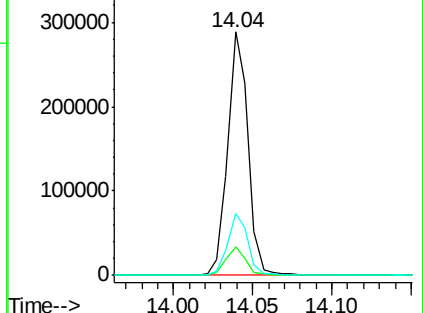
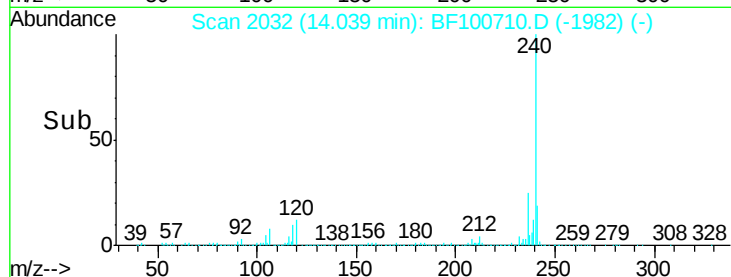
236 25.4 20.7 31.1



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



#78

Terphenyl-d14

Concen: 4.02 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100710.D

Acq: 18 Nov 2017 9:30

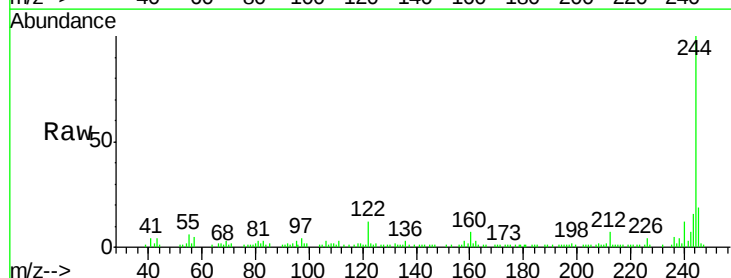
Tgt Ion:244 Resp: 44368

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

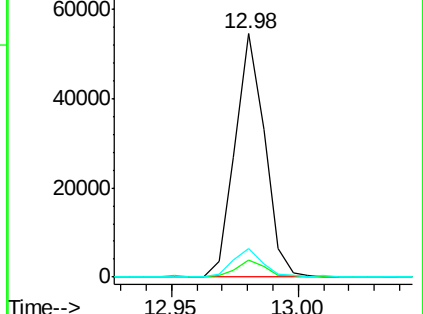
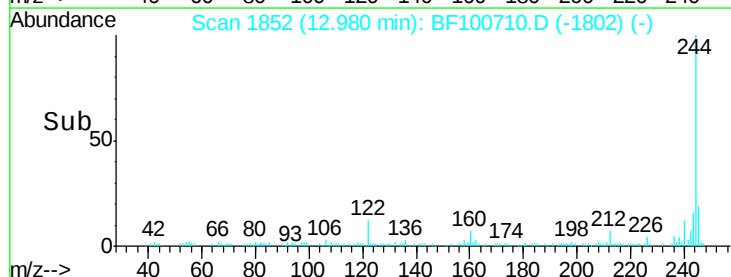
122 11.6 11.0 16.4

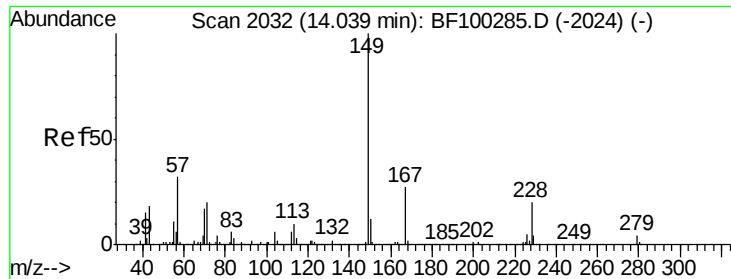


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

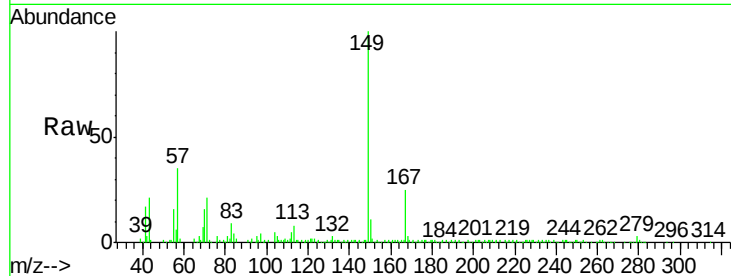




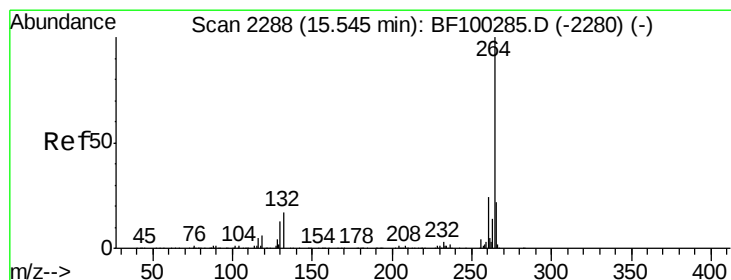
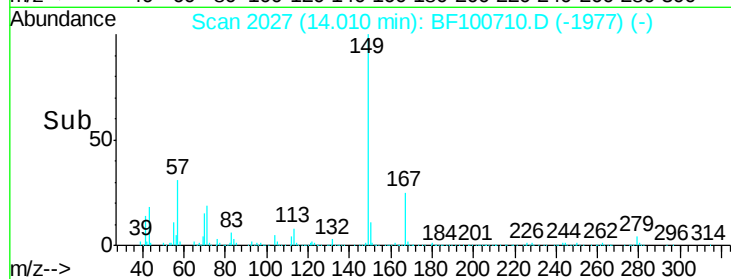
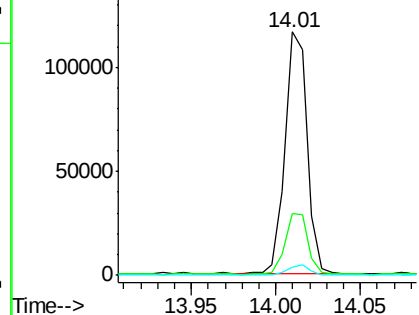
#83
Bis(2-ethylhexyl)phthalate
Concen: 10.99 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF100710.D
Acq: 18 Nov 2017 9:30

Instrument :
BNA_F
ClientSampleId :
G-31-2-0-1.5

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.3	31.9
279	3.5	3.0	4.4

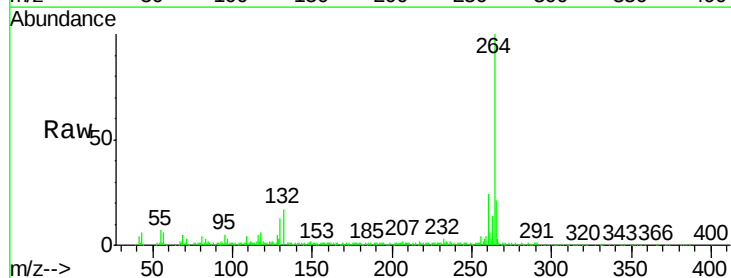


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF100710.D
Acq: 18 Nov 2017 9:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	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

