

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092350.D
 Acq On : 18 Jan 2017 14:45
 Operator : UM/SJ
 Sample : PB96090BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BL

Quant Time: Jan 18 23:59:51 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

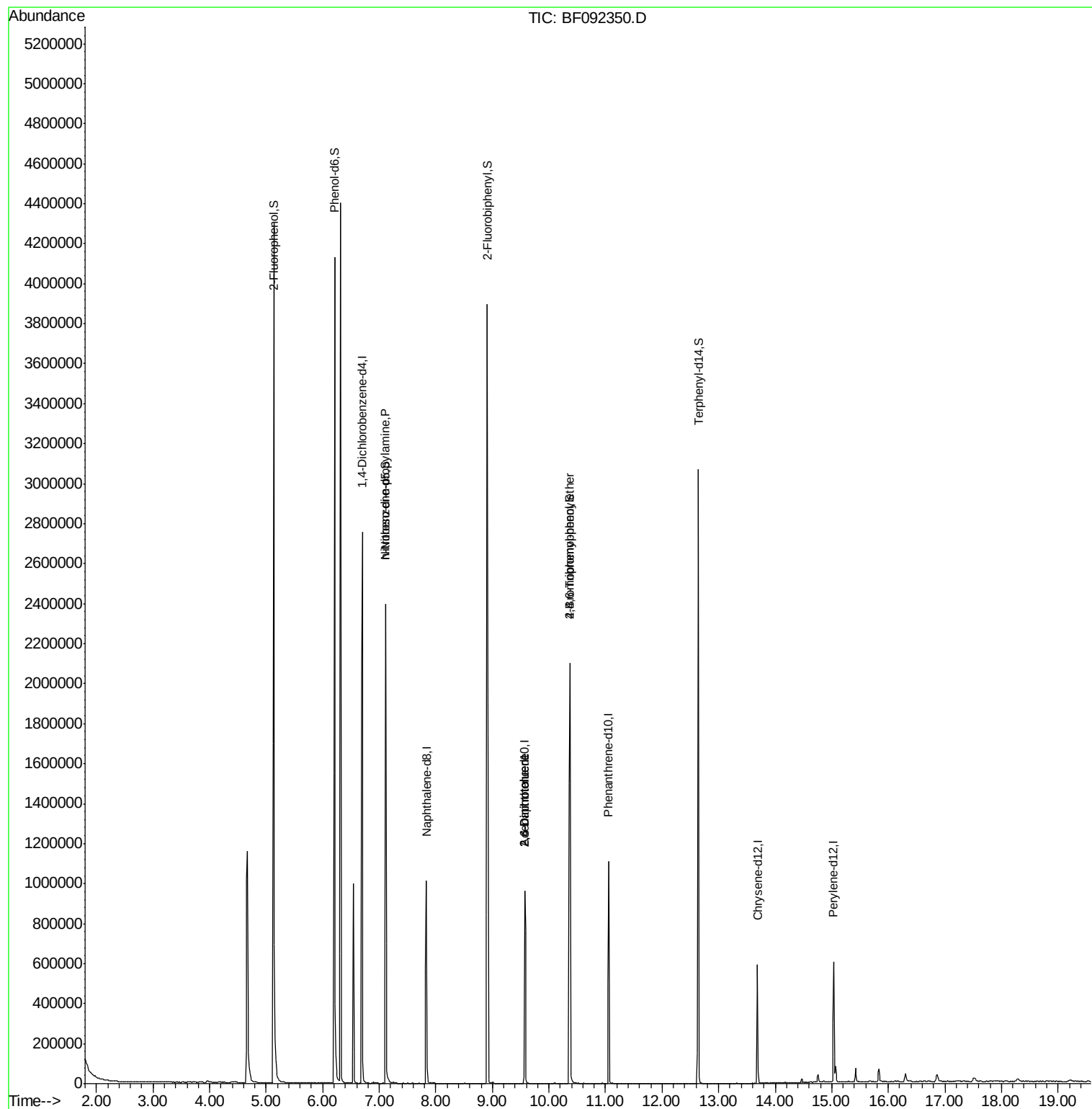
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	576482	20.00	ng	0.06
21) Naphthalene-d8	7.83	136	598672	20.00	ng	-0.10
38) Acenaphthene-d10	9.57	164	294986	20.00	ng	-0.11
63) Phenanthrene-d10	11.06	188	476281	20.00	ng	-0.10
75) Chrysene-d12	13.69	240	298528	20.00	ng	-0.10
86) Perylene-d12	15.03	264	279872	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1430145	41.42	ng	-0.10
7) Phenol-d6	6.21	99	1537737	36.48	ng	-0.10
23) Nitrobenzene-d5	7.11	82	899608	83.56	ng	-0.10
41) 2,4,6-Tribromophenol	10.37	330	342354	140.24	ng	-0.10
44) 2-Fluorobiphenyl	8.91	172	1541735	111.04	ng	-0.10
78) Terphenyl-d14	12.65	244	1357427	110.28	ng	-0.10
Target Compounds						
9) Benzaldehyde	6.21	77	1955	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.11	70	116852	4.17 ng	#	78
50) 2,6-Dinitrotoluene	9.57	165	37288	9.03 ng	#	30
56) 2,4-Dinitrotoluene	9.57	165	37291	7.19 ng	#	19
66) 4-Bromophenyl-phenylether	10.37	248	21681	4.38 ng	#	1
76) Benzidine	12.63	184	17620	Below Cal		98

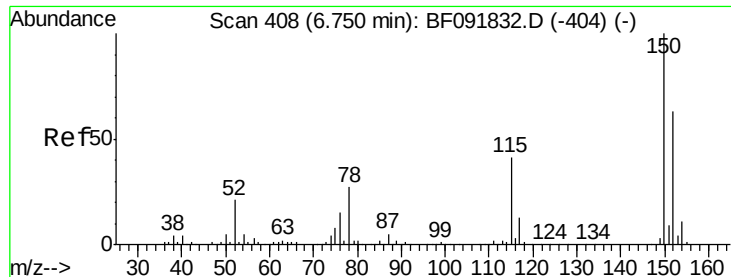
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092350.D
Acq On : 18 Jan 2017 14:45
Operator : UM/SJ
Sample : PB96090BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96090BL

Quant Time: Jan 18 23:59:51 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 430

Delta R.T. 0.06 min

Lab File: BF092350.D

Acq: 18 Jan 2017 14:45

Instrument :

BNA_F

ClientSampleId :

PB96090BL

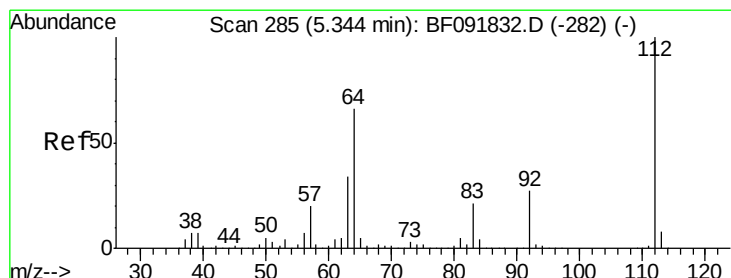
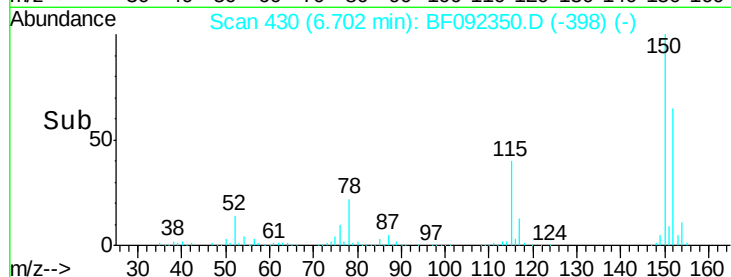
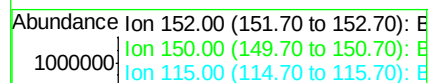
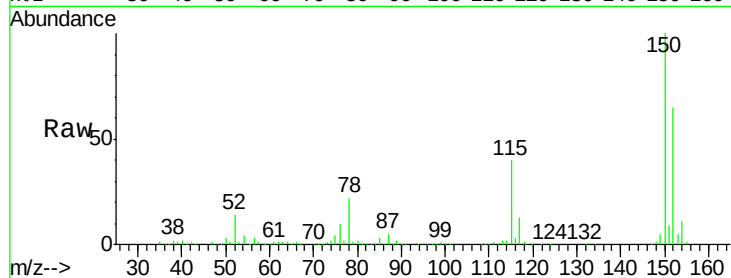
Tgt Ion:152 Resp: 576482

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

115 61.4 46.0 69.0



#5

2-Fluorophenol

Concen: 41.42 ng

RT: 5.14 min Scan# 293

Delta R.T. -0.10 min

Lab File: BF092350.D

Acq: 18 Jan 2017 14:45

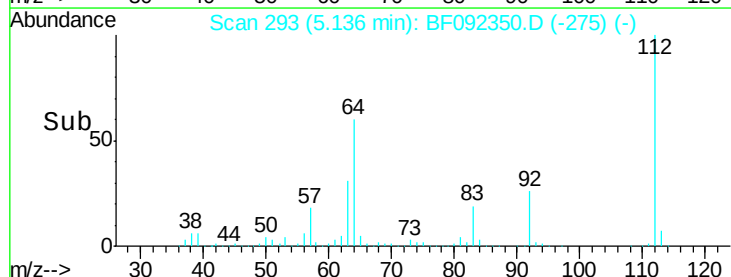
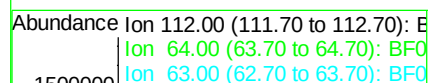
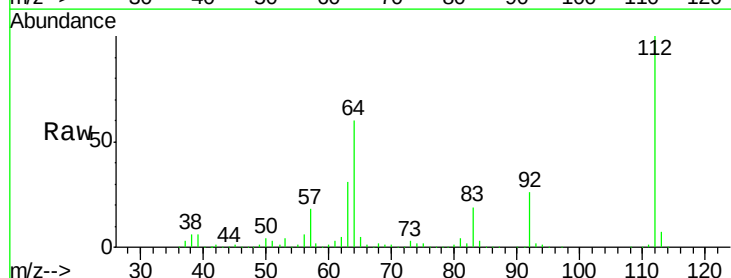
Tgt Ion:112 Resp: 1430145

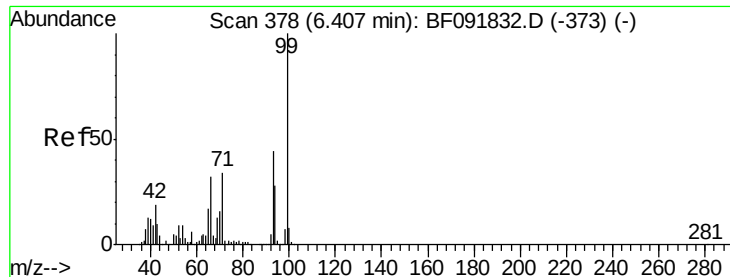
Ion Ratio Lower Upper

112 100

64 60.4 46.1 69.1

63 30.7 23.8 35.6





#7

Phenol-d6

Concen: 36.48 ng

RT: 6.21 min Scan# 387

Delta R.T. -0.10 min

Lab File: BF092350.D

Acq: 18 Jan 2017 14:45

Instrument :

BNA_F

ClientSampleId :

PB96090BL

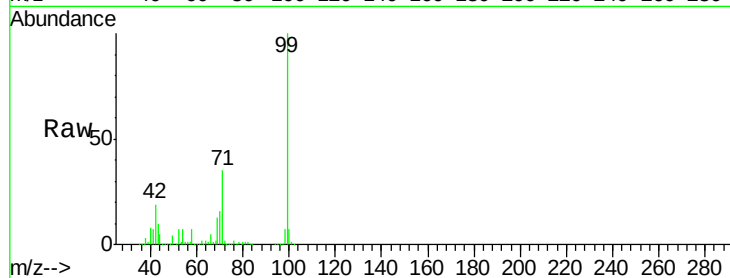
Tgt Ion: 99 Resp: 1537737

Ion Ratio Lower Upper

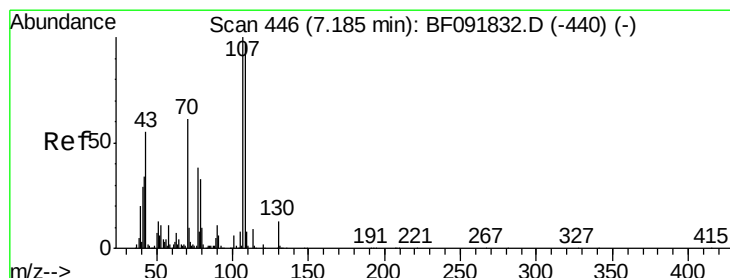
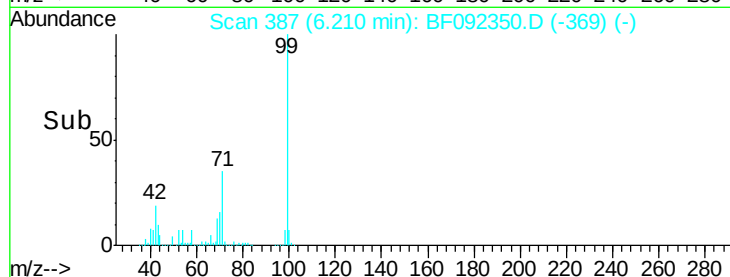
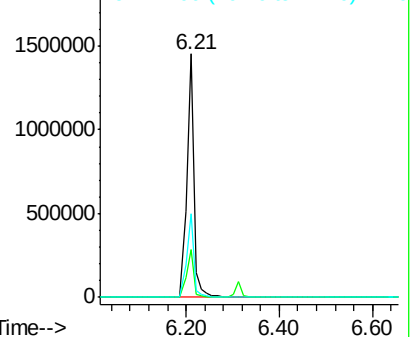
99 100

42 19.4 15.6 23.4

71 34.6 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 4.17 ng

RT: 7.11 min Scan# 466

Delta R.T. 0.04 min

Lab File: BF092350.D

Acq: 18 Jan 2017 14:45

Tgt Ion: 70 Resp: 116852

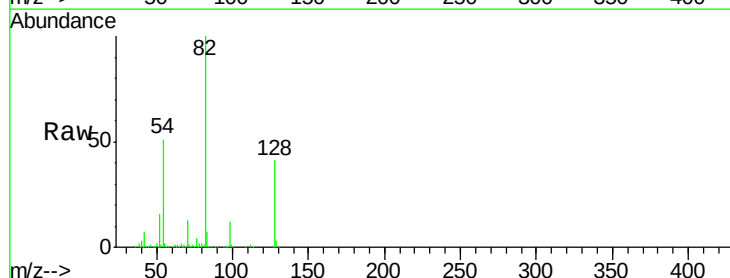
Ion Ratio Lower Upper

70 100

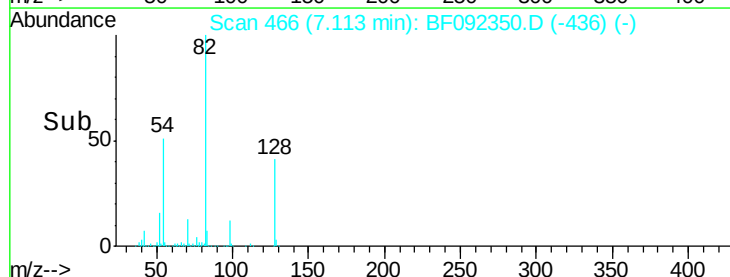
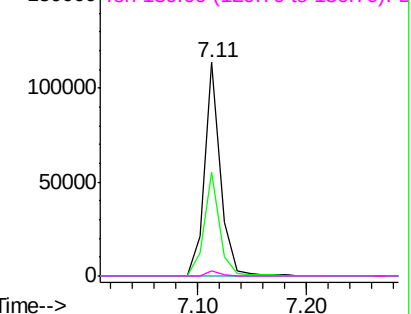
42 48.6 49.4 74.0#

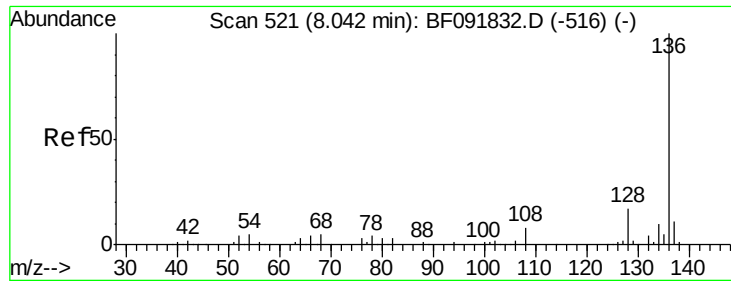
101 0.0 7.4 11.2#

130 2.3 14.2 21.4#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

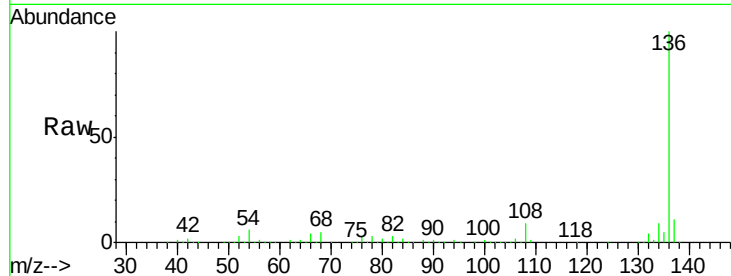




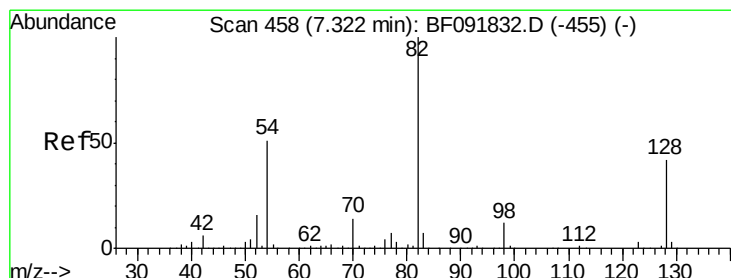
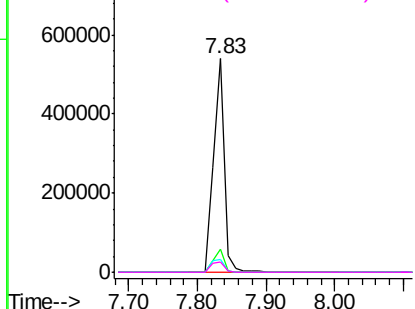
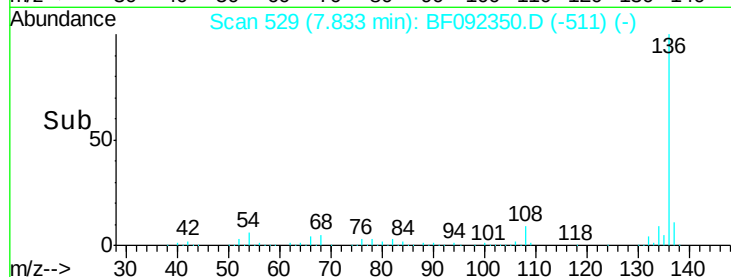
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 529
Delta R.T. -0.10 min
Lab File: BF092350.D
Acq: 18 Jan 2017 14:45

Instrument :
BNA_F
ClientSampleId :
PB96090BL

Tgt Ion:	136	Resp:	598672
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	5.9	4.5	6.7
68	4.9	3.6	5.4

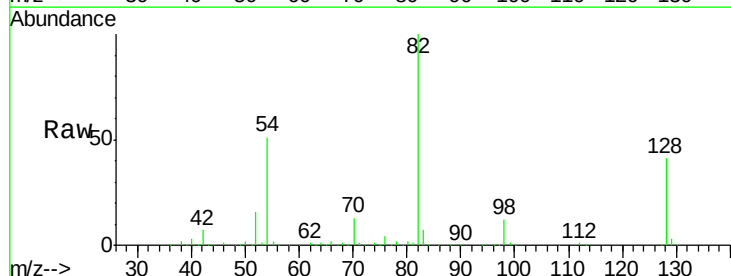


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

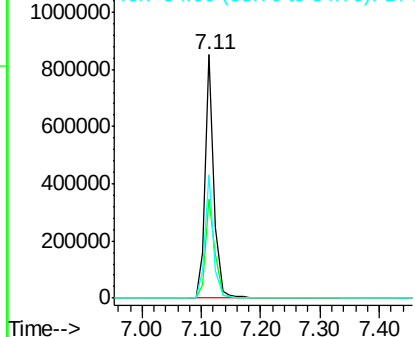
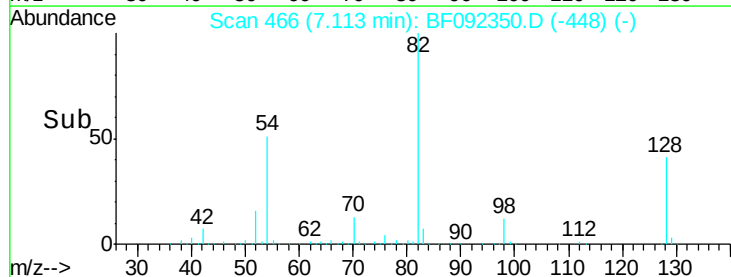


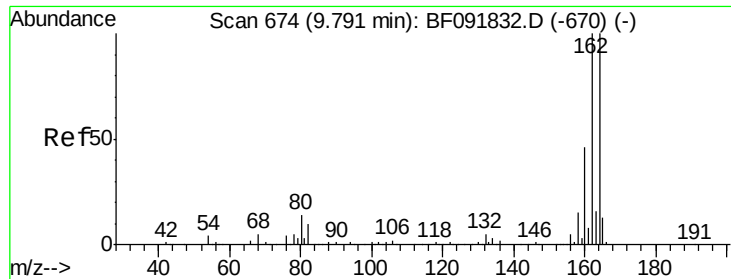
#23
Nitrobenzene-d5
Concen: 83.56 ng
RT: 7.11 min Scan# 466
Delta R.T. -0.10 min
Lab File: BF092350.D
Acq: 18 Jan 2017 14:45

Tgt Ion:	82	Resp:	899608
Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.6	52.0
54	50.5	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 681

Delta R.T. -0.11 min

Lab File: BF092350.D

Acq: 18 Jan 2017 14:45

Instrument :

BNA_F

ClientSampleId :

PB96090BL

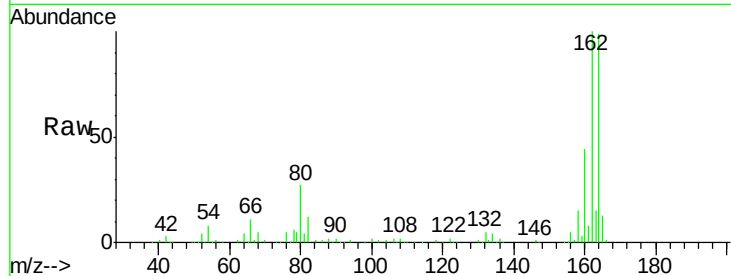
Tgt Ion:164 Resp: 294986

Ion Ratio Lower Upper

164 100

162 101.4 80.2 120.2

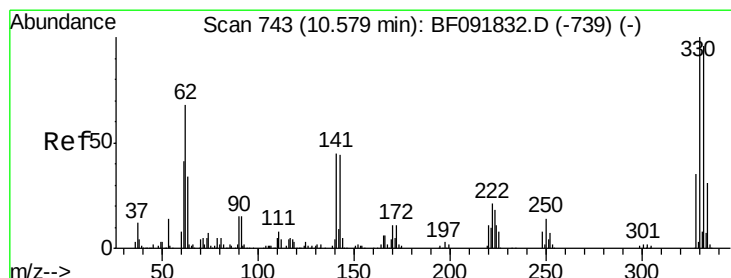
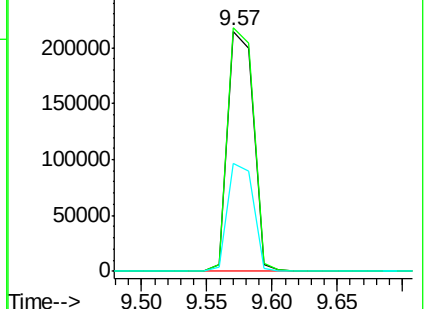
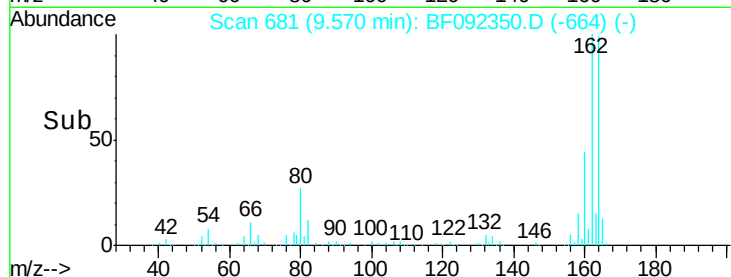
160 44.9 36.9 55.3



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: 140.24 ng

RT: 10.37 min Scan# 751

Delta R.T. -0.10 min

Lab File: BF092350.D

Acq: 18 Jan 2017 14:45

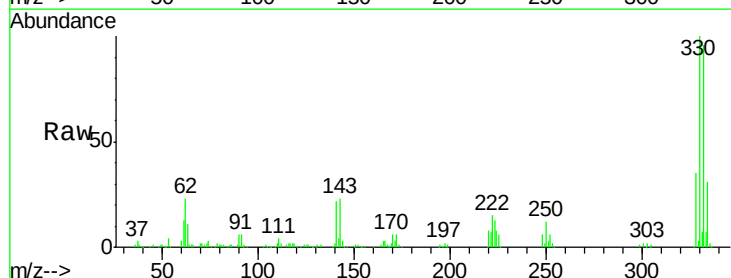
Tgt Ion:330 Resp: 342354

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

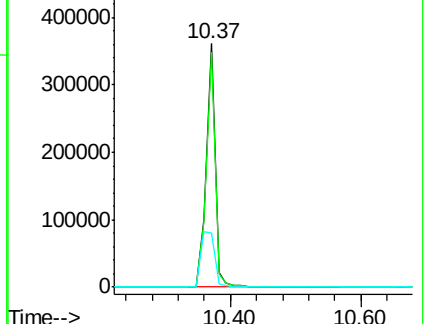
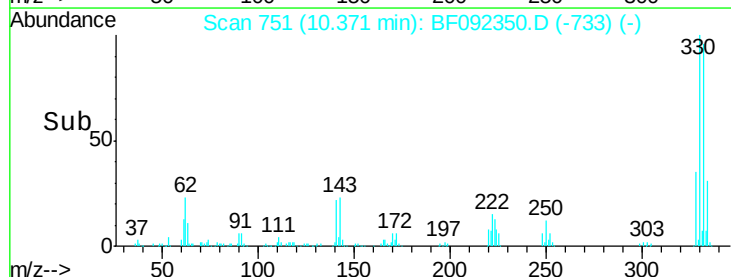
141 34.6 34.1 51.1

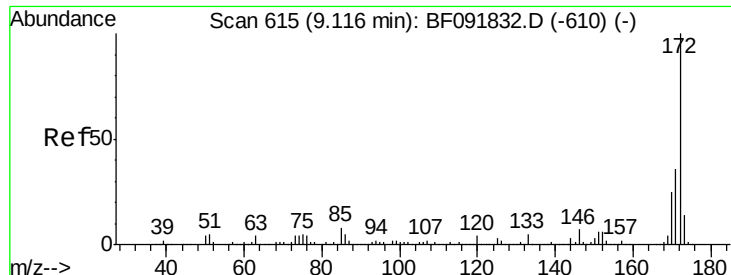


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

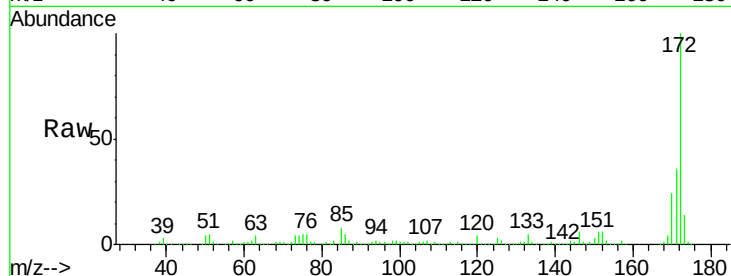




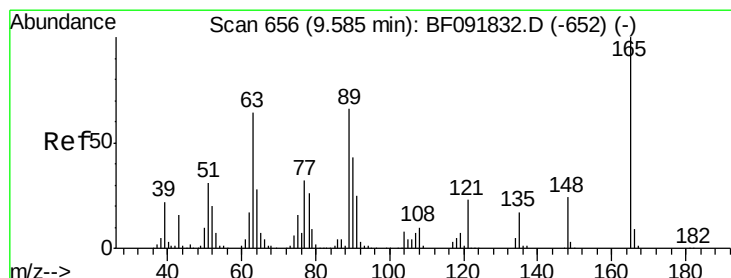
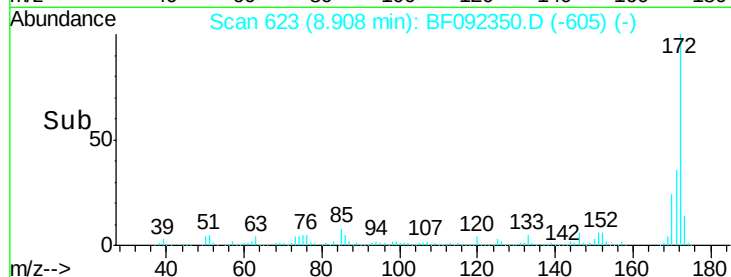
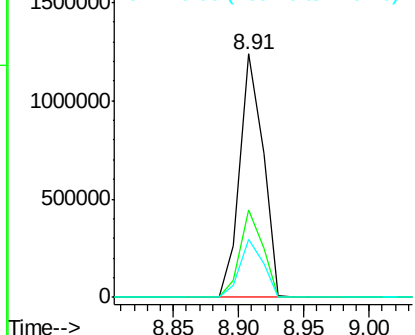
#44
 2-Fluorobiphenyl
 Concen: 111.04 ng
 RT: 8.91 min Scan# 623
 Delta R.T. -0.10 min
 Lab File: BF092350.D
 Acq: 18 Jan 2017 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BL

Tgt Ion:172 Resp: 1541735
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.1 20.2 30.4

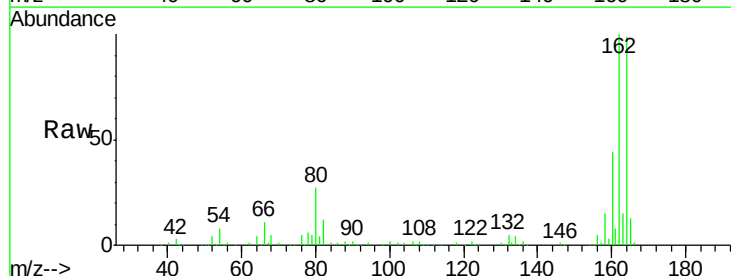


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

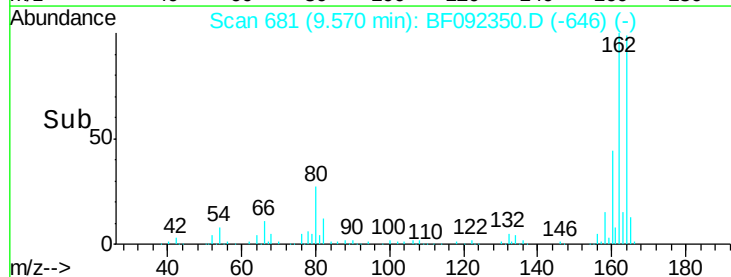
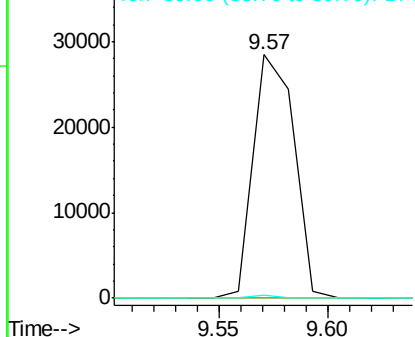


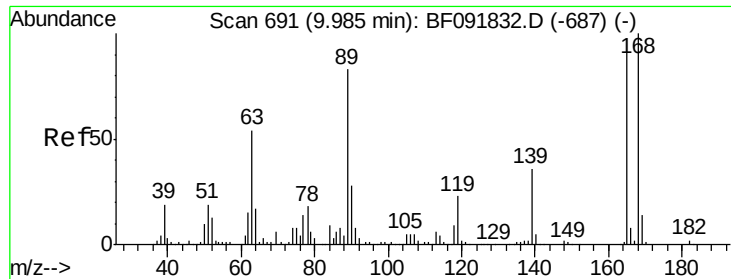
#50
 2,6-Dinitrotoluene
 Concen: 9.03 ng
 RT: 9.57 min Scan# 681
 Delta R.T. 0.09 min
 Lab File: BF092350.D
 Acq: 18 Jan 2017 14:45

Tgt Ion:165 Resp: 37288
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.2 54.4#
 89 1.2 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 7.19 ng

RT: 9.57 min Scan# 681

Delta R.T. -0.32 min

Lab File: BF092350.D

Acq: 18 Jan 2017 14:45

Instrument :

BNA_F

ClientSampleId :

PB96090BL

Tgt Ion:165 Resp: 37291

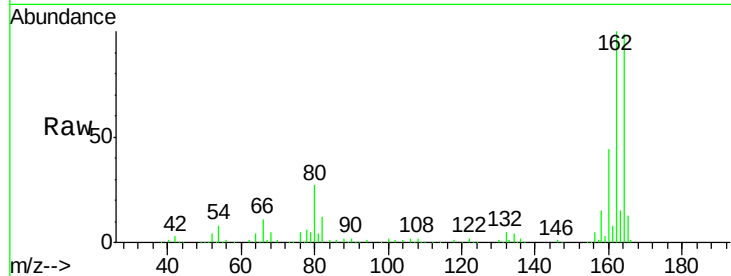
Ion Ratio Lower Upper

165 100

63 0.0 40.2 60.4#

89 1.2 62.5 93.7#

182 0.0 1.8 2.8#

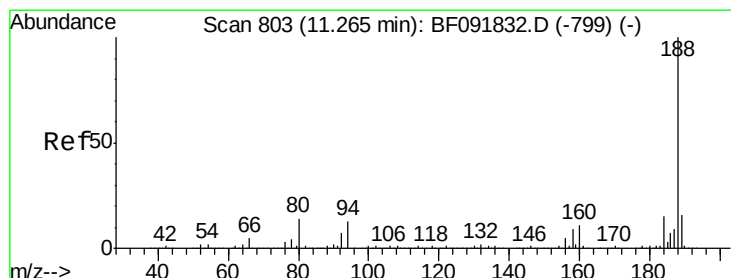
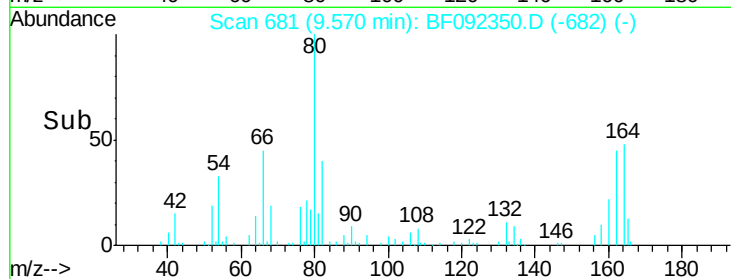
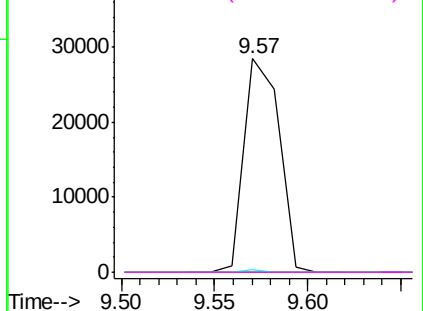


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.06 min Scan# 811

Delta R.T. -0.10 min

Lab File: BF092350.D

Acq: 18 Jan 2017 14:45

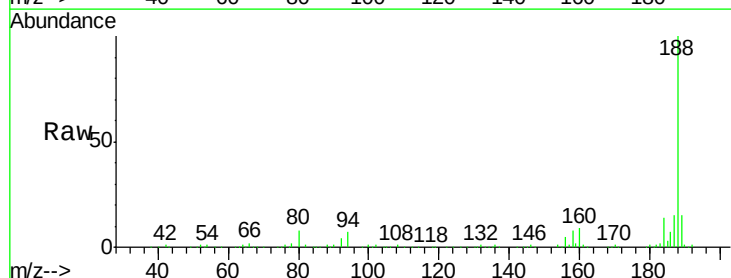
Tgt Ion:188 Resp: 476281

Ion Ratio Lower Upper

188 100

94 7.4 10.0 15.0#

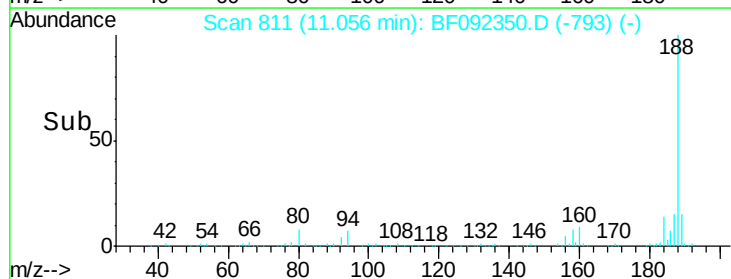
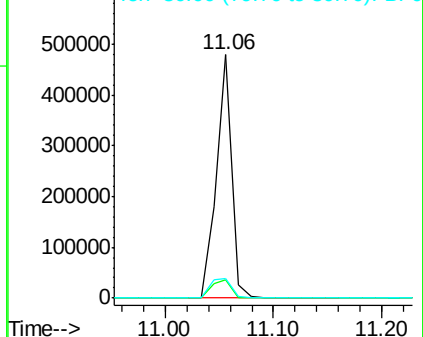
80 7.8 11.2 16.8#

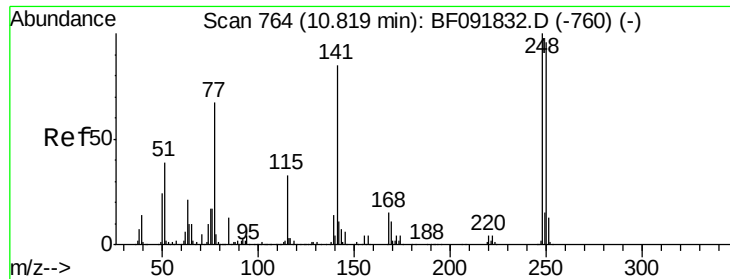


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

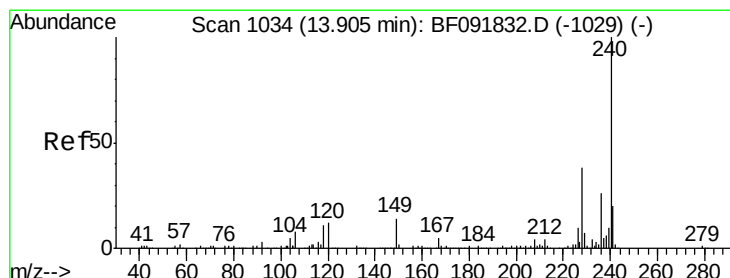
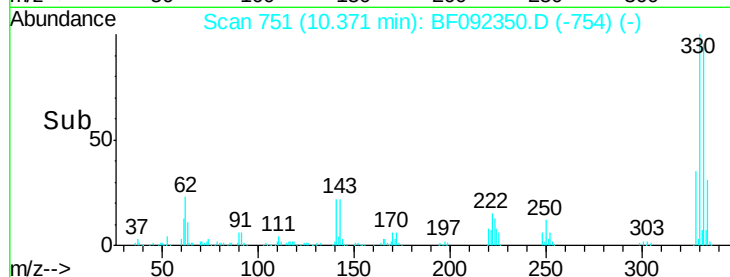
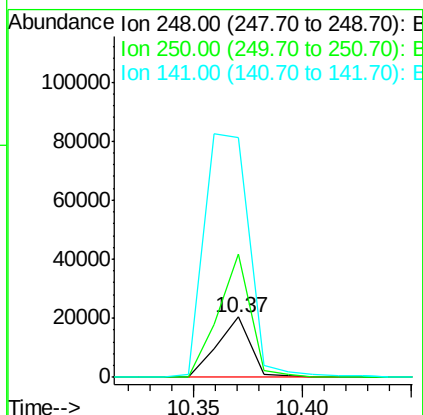
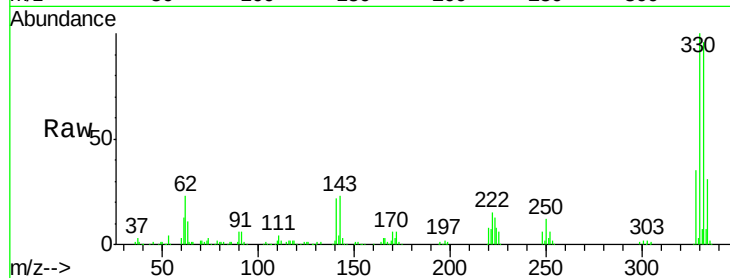




#66
 4-Bromophenyl-phenylether
 Concen: 4.38 ng
 RT: 10.37 min Scan# 751
 Delta R.T. -0.34 min
 Lab File: BF092350.D
 Acq: 18 Jan 2017 14:45

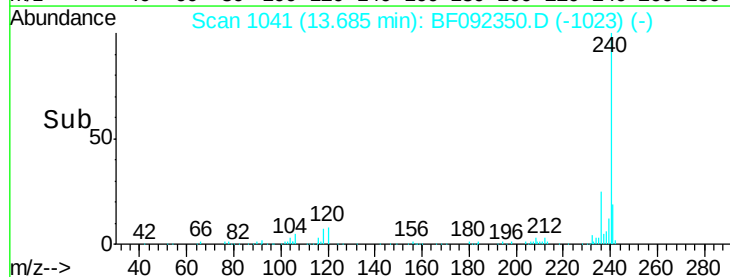
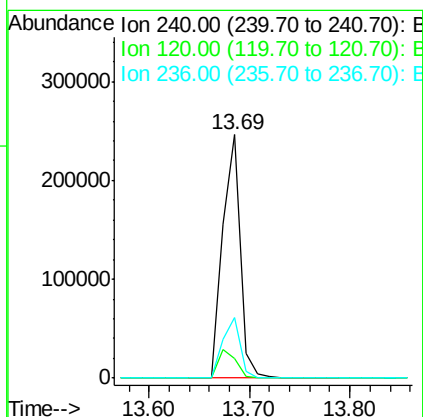
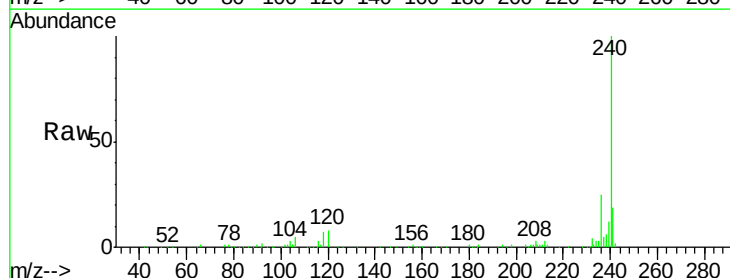
Instrument :
 BNA_F
 ClientSampled :
 PB96090BL

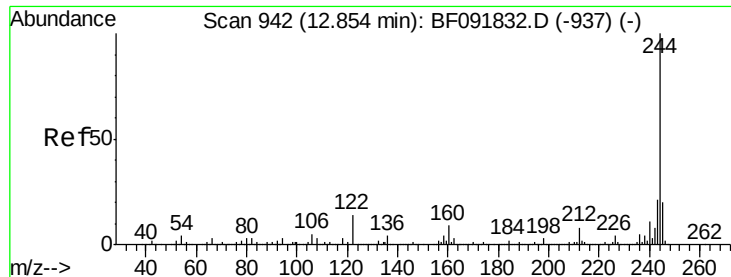
Tgt Ion:248 Resp: 21681
 Ion Ratio Lower Upper
 248 100
 250 203.7 76.9 115.3#
 141 395.7 68.2 102.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.69 min Scan# 1041
 Delta R.T. -0.10 min
 Lab File: BF092350.D
 Acq: 18 Jan 2017 14:45

Tgt Ion:240 Resp: 298528
 Ion Ratio Lower Upper
 240 100
 120 7.8 12.9 19.3#
 236 24.8 20.9 31.3





#78

Terphenyl-d14

Concen: 110.28 ng

RT: 12.65 min Scan# 950

Delta R.T. -0.10 min

Lab File: BF092350.D

Acq: 18 Jan 2017 14:45

Instrument :

BNA_F

ClientSampleId :

PB96090BL

Tgt Ion:244 Resp: 1357427

Ion Ratio Lower Upper

244 100

212 6.6

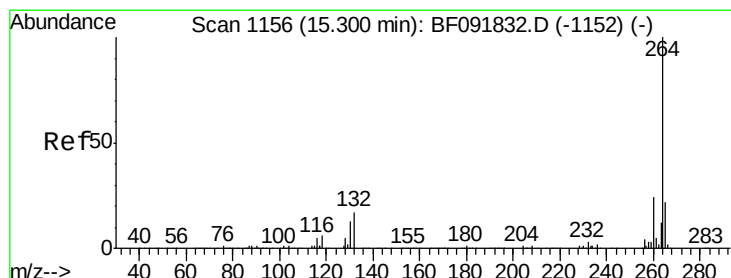
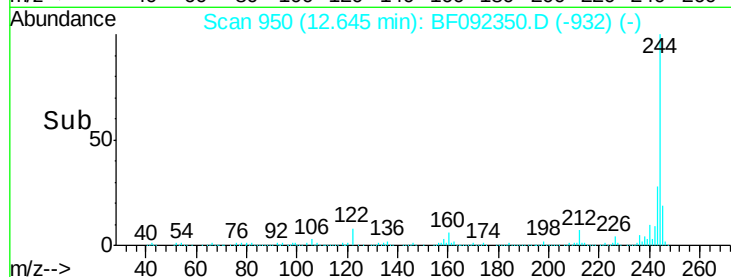
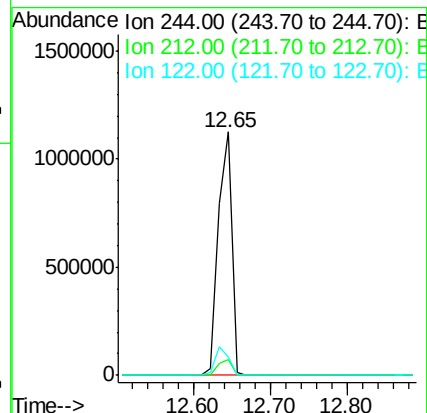
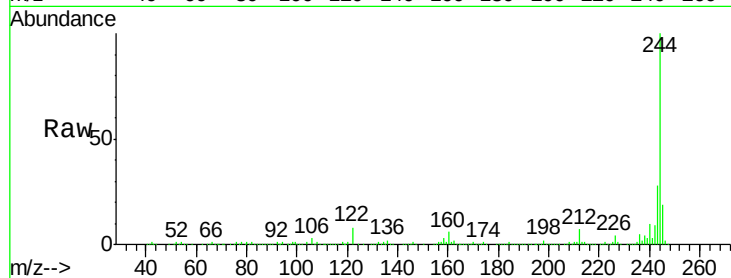
6.2

9.2

122 7.6

11.4

17.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.03 min Scan# 1159

Delta R.T. -0.11 min

Lab File: BF092350.D

Acq: 18 Jan 2017 14:45

Tgt Ion:264 Resp: 279872

Ion Ratio Lower Upper

264 100

260 22.7

19.2

28.8

265 21.2

17.4

26.0

