

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082710.D
 Acq On : 4 Nov 2015 19:42
 Operator : UM/IZ
 Sample : G4241-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16(4)

Quant Time: Nov 04 23:22:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

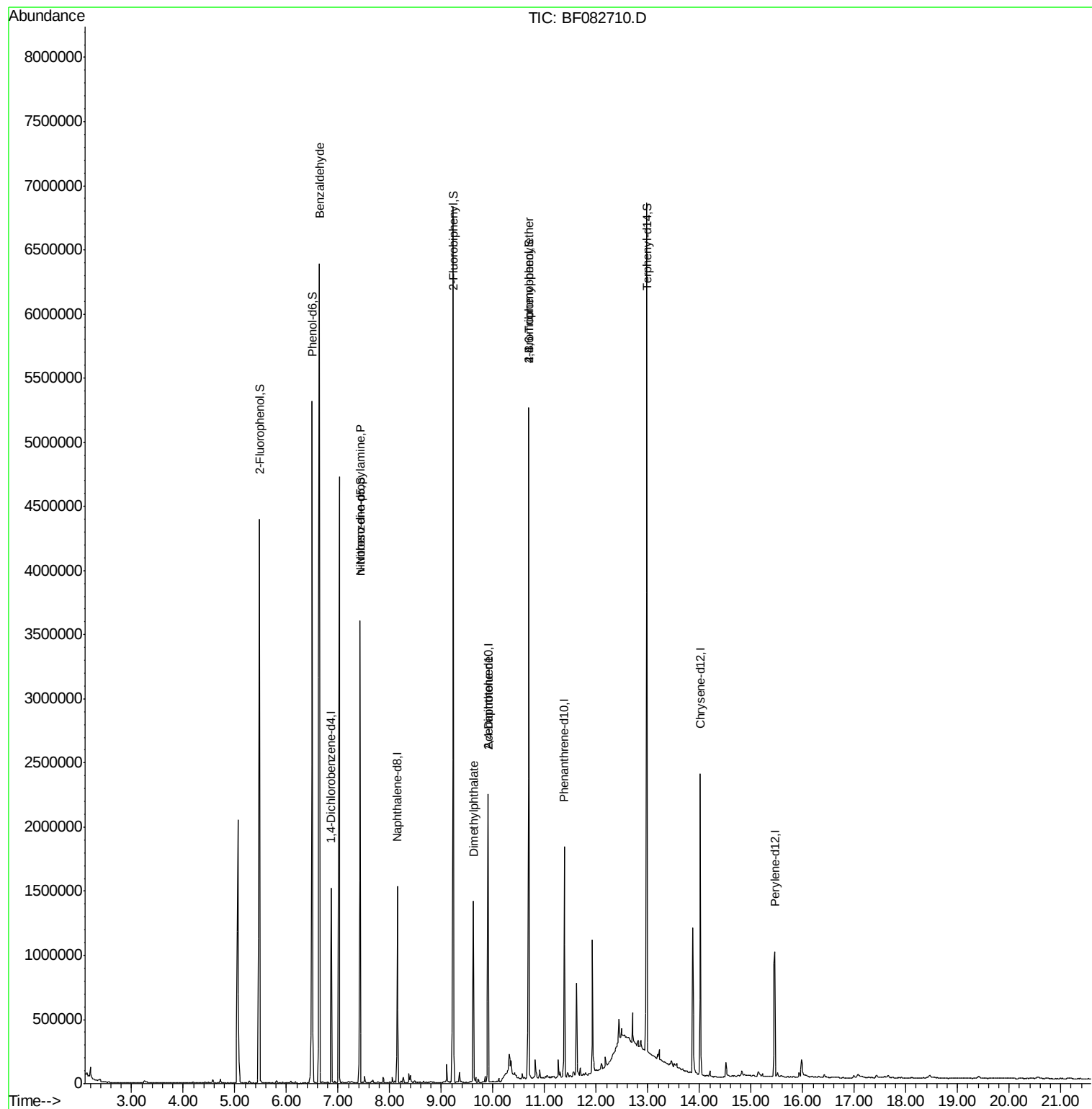
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	206352	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	734145	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	446367	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	803994	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	764054	20.00	ng	-0.03
86) Perylene-d12	15.46	264	567856	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1765263	128.84	ng	0.01
7) Phenol-d6	6.50	99	1929347	106.00	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1351125	75.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	613915	125.67	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	2092360	66.55	ng	-0.02
78) Terphenyl-d14	12.98	244	2332290	66.80	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	51341	4.13	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.42	70	189351	13.72	ng	# 72
49) Dimethylphthalate	9.62	163	494342	13.56	ng	99
56) 2,4-Dinitrotoluene	9.90	165	58007	5.68	ng	# 16
66) 4-Bromophenyl-phenylether	10.69	248	45652	5.01	ng	# 1

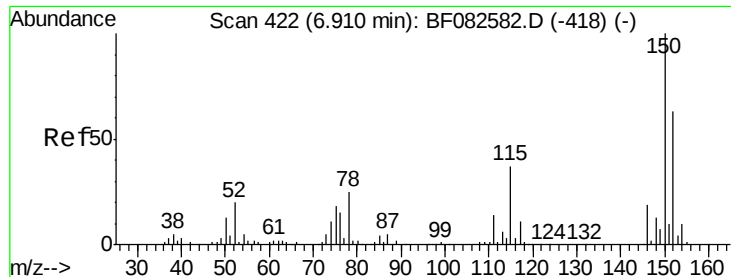
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082710.D

Acq: 4 Nov 2015 19:42

Instrument :

BNA_F

ClientSampleId :

TP-16(4)

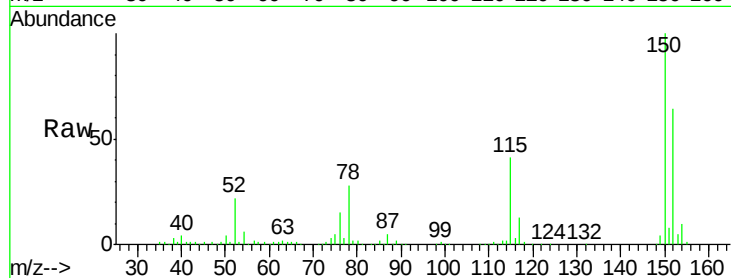
Tgt Ion:152 Resp: 206352

Ion Ratio Lower Upper

152 100

150 156.9 127.0 190.4

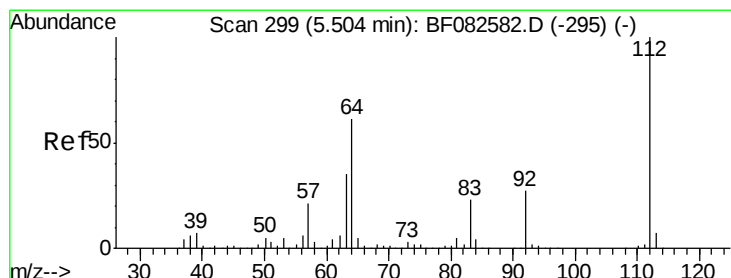
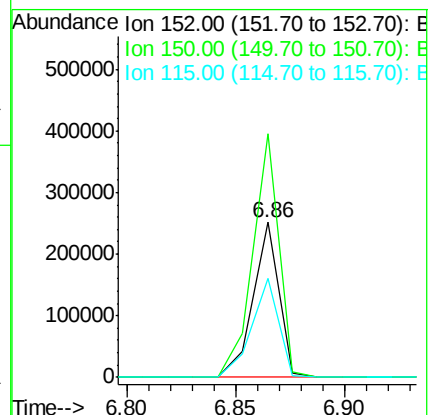
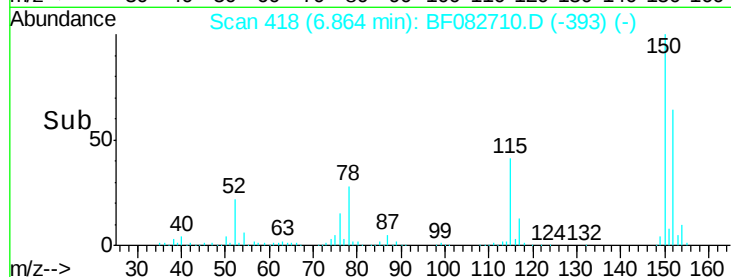
115 63.8 47.0 70.6



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: 128.84 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082710.D

Acq: 4 Nov 2015 19:42

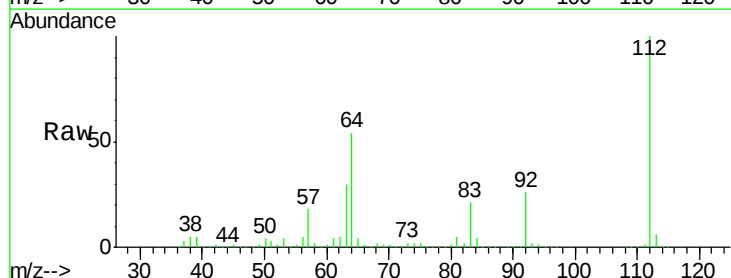
Tgt Ion:112 Resp: 1765263

Ion Ratio Lower Upper

112 100

64 54.2 48.9 73.3

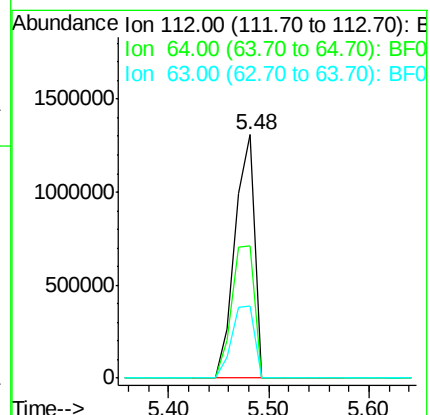
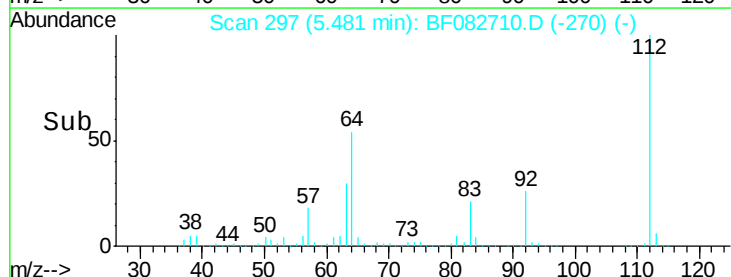
63 29.8 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.00 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082710.D

Acq: 4 Nov 2015 19:42

Instrument :

BNA_F

ClientSampleId :

TP-16(4)

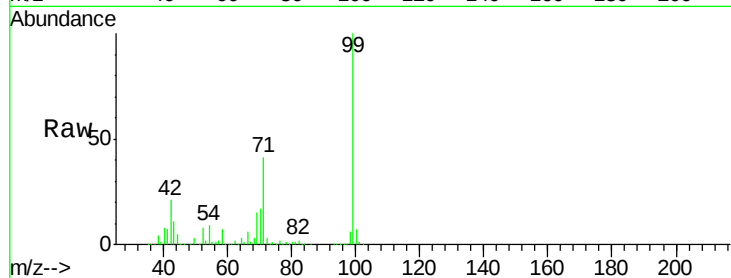
Tgt Ion: 99 Resp: 1929347

Ion Ratio Lower Upper

99 100

42 21.3 19.2 28.8

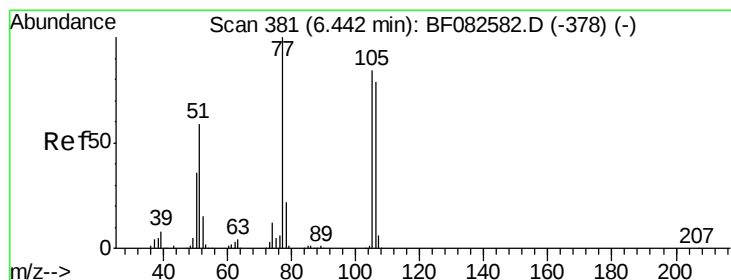
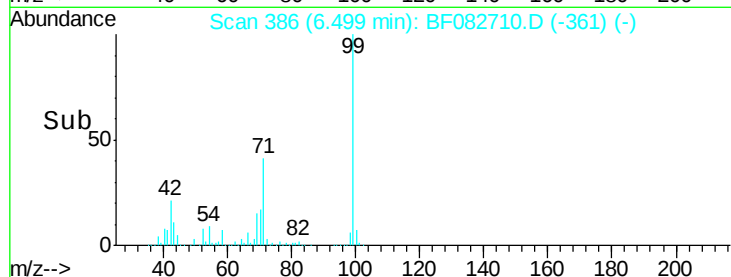
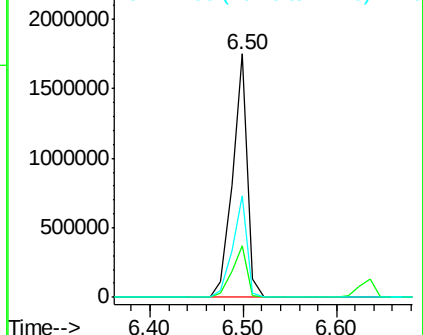
71 41.5 35.0 52.4



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



#9

Benzaldehyde

Concen: 4.13 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082710.D

Acq: 4 Nov 2015 19:42

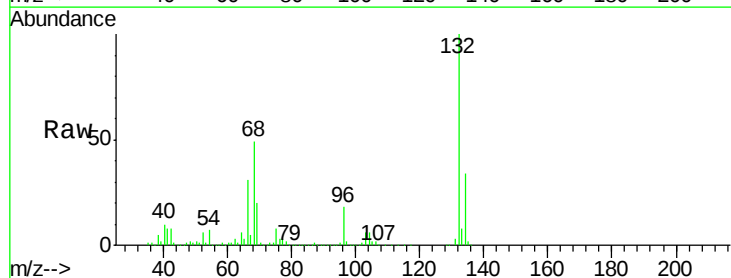
Tgt Ion: 77 Resp: 51341

Ion Ratio Lower Upper

77 100

105 74.5 63.5 103.5

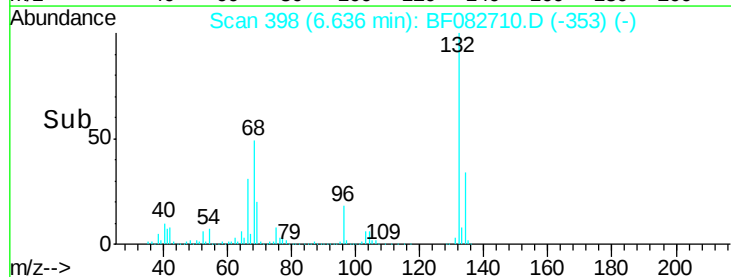
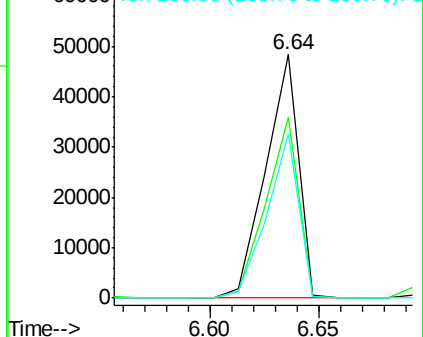
106 67.5 59.3 99.3

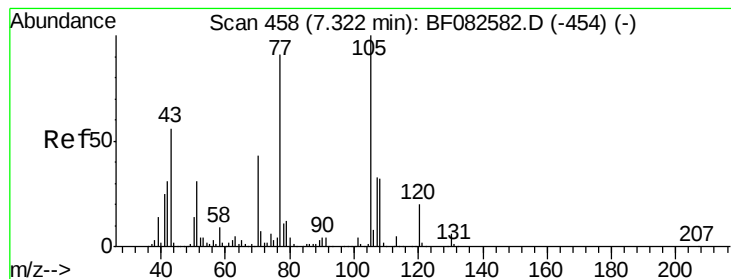


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 13.72 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082710.D

Acq: 4 Nov 2015 19:42

Instrument :

BNA_F

ClientSampleId :

TP-16(4)

Tgt Ion: 70 Resp: 189351

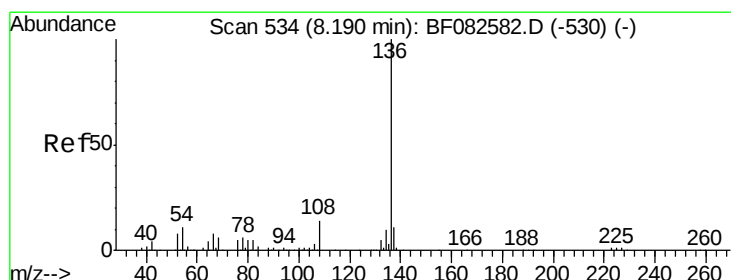
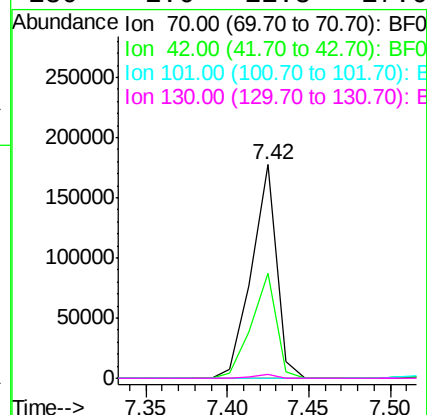
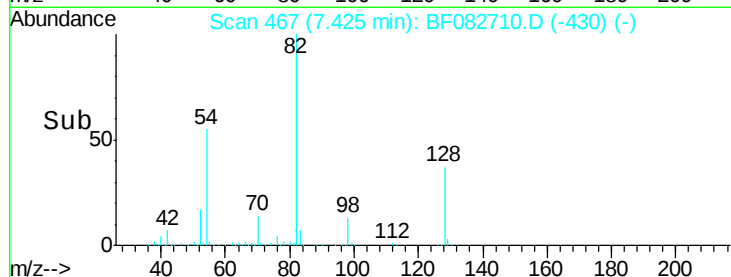
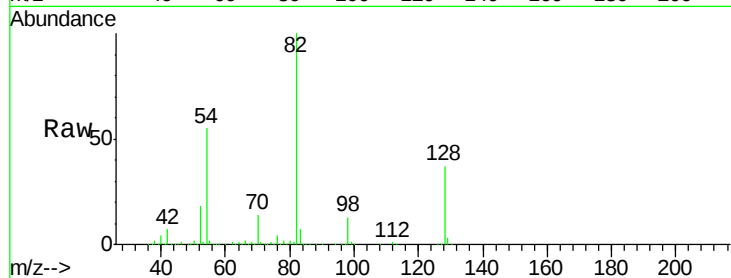
Ion Ratio Lower Upper

70 100

42 49.0 57.7 86.5#

101 0.0 7.0 10.6#

130 1.6 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082710.D

Acq: 4 Nov 2015 19:42

Tgt Ion: 136 Resp: 734145

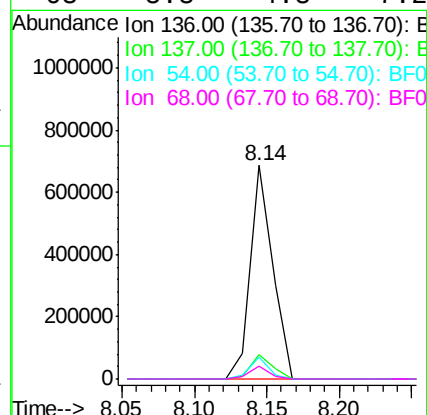
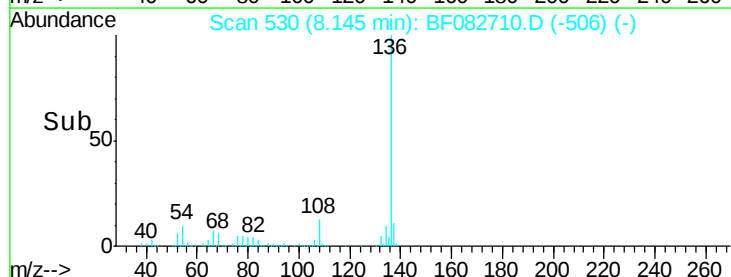
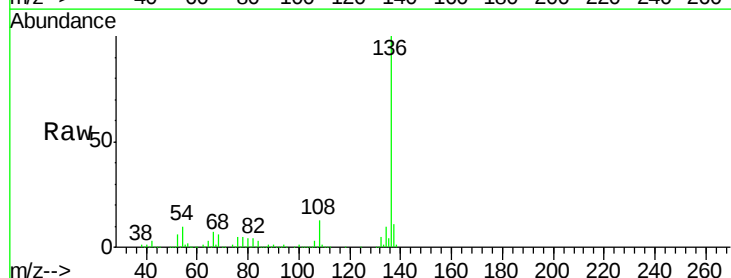
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 10.3 9.1 13.7

68 5.8 4.8 7.2

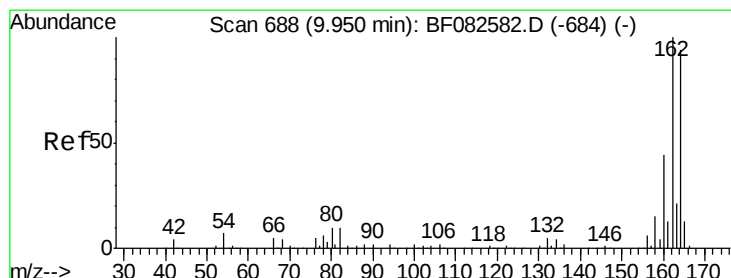
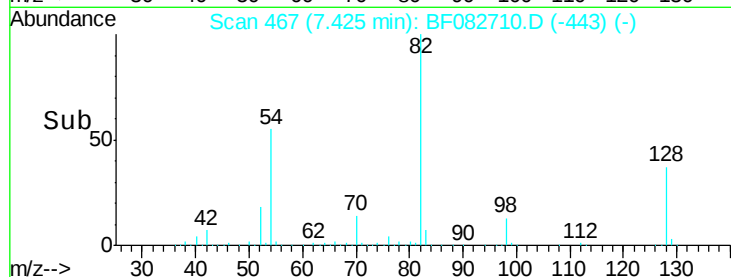
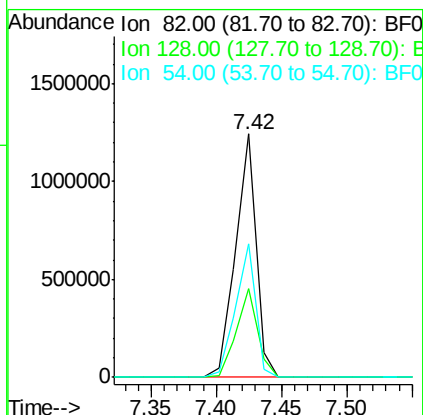
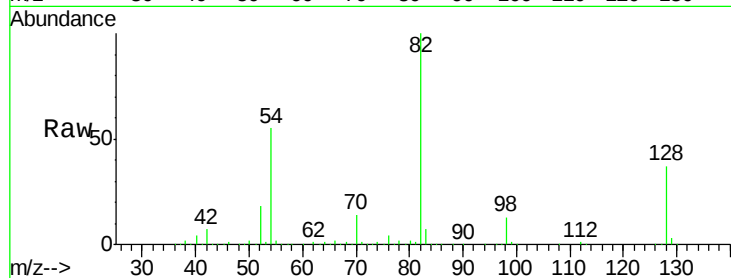




#23
 Nitrobenzene-d5
 Concen: 75.15 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082710.D
 Acq: 4 Nov 2015 19:42

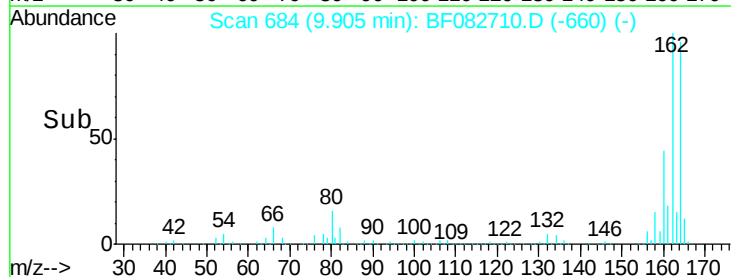
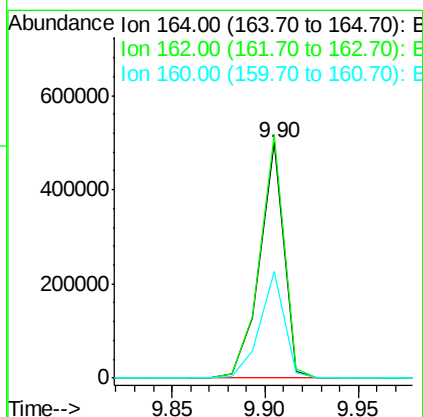
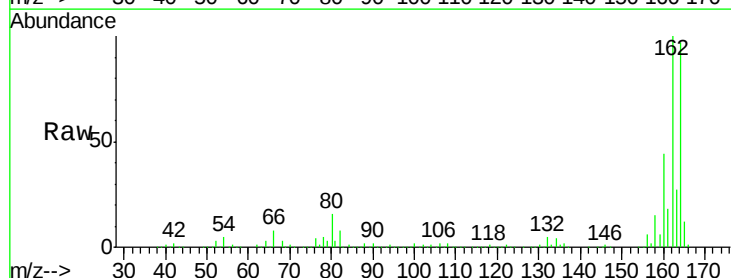
Instrument :
 BNA_F
 ClientSampleId :
 TP-16(4)

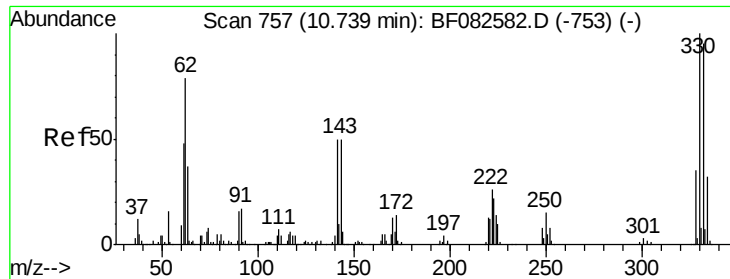
Tgt Ion: 82 Resp: 1351125
 Ion Ratio Lower Upper
 82 100
 128 36.6 26.8 40.2
 54 54.7 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082710.D
 Acq: 4 Nov 2015 19:42

Tgt Ion: 164 Resp: 446367
 Ion Ratio Lower Upper
 164 100
 162 103.4 84.9 127.3
 160 45.4 37.5 56.3

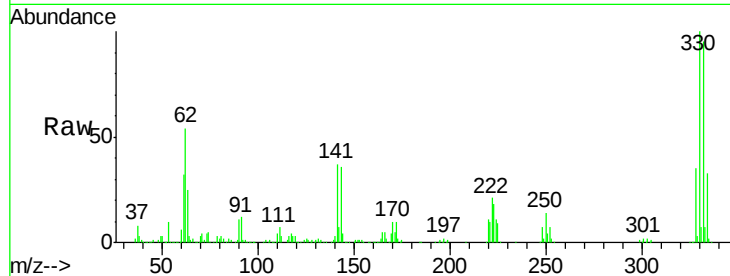




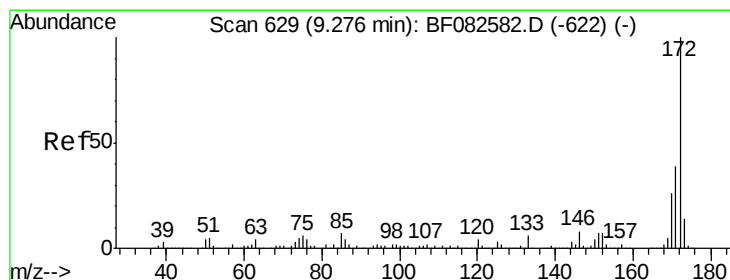
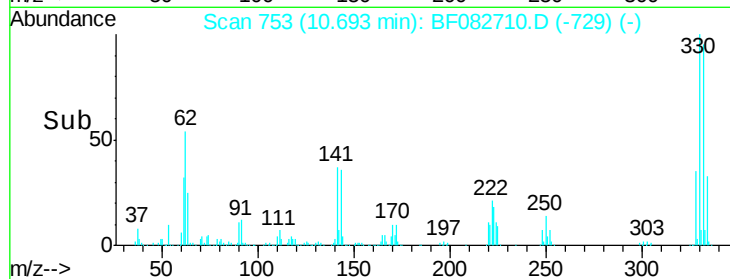
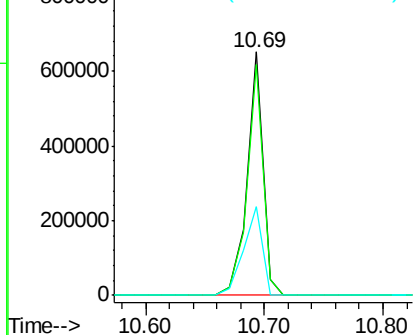
#41
 2,4,6-Tribromophenol
 Concen: 125.67 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082710.D
 Acq: 4 Nov 2015 19:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-16(4)

Tgt Ion:330 Resp: 613915
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 42.7 41.2 61.8

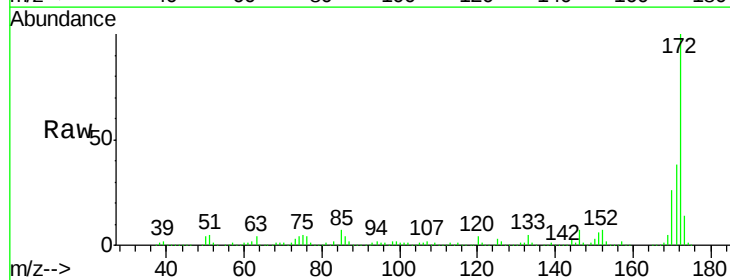


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

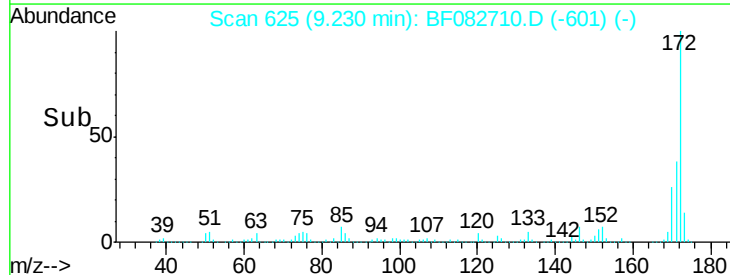
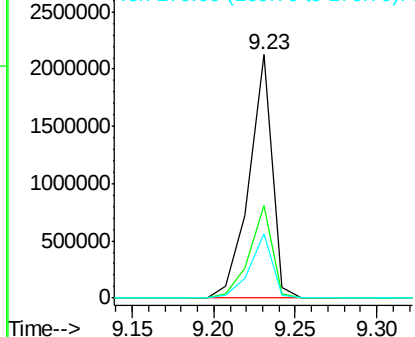


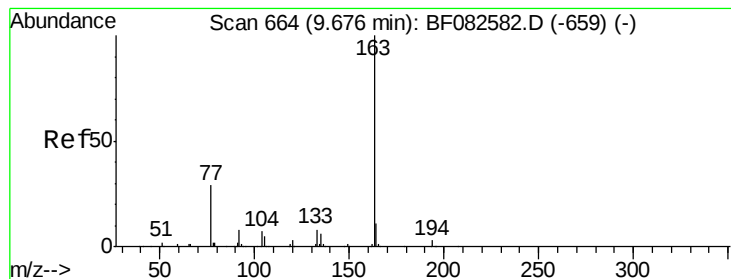
#44
 2-Fluorobiphenyl
 Concen: 66.55 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082710.D
 Acq: 4 Nov 2015 19:42

Tgt Ion:172 Resp: 2092360
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.8 46.2
 170 26.2 21.2 31.8



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





#49

Dimethylphthalate

Concen: 13.56 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082710.D

Acq: 4 Nov 2015 19:42

Instrument :

BNA_F

ClientSampleId :

TP-16(4)

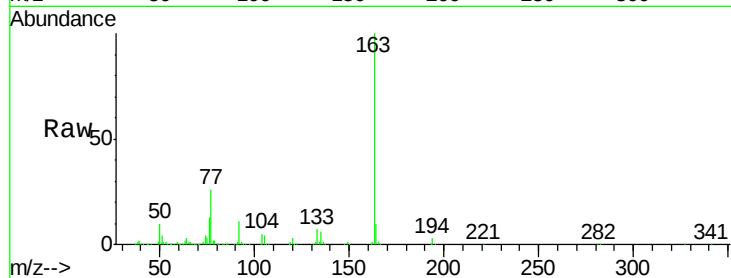
Tgt Ion:163 Resp: 494342

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

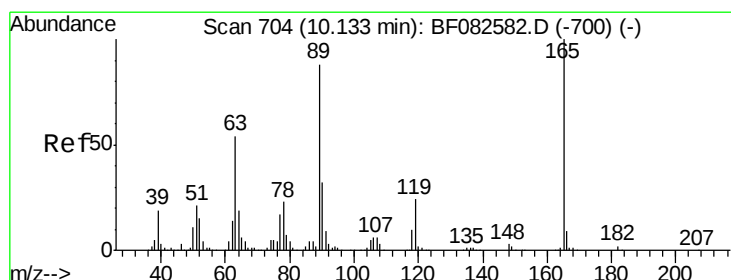
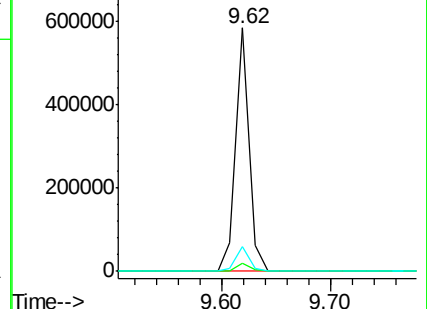
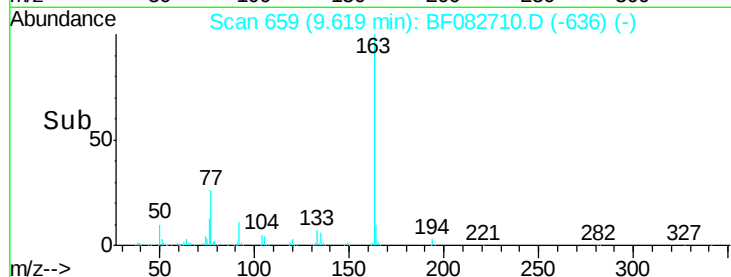
164 10.4 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 5.68 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082710.D

Acq: 4 Nov 2015 19:42

Tgt Ion:165 Resp: 58007

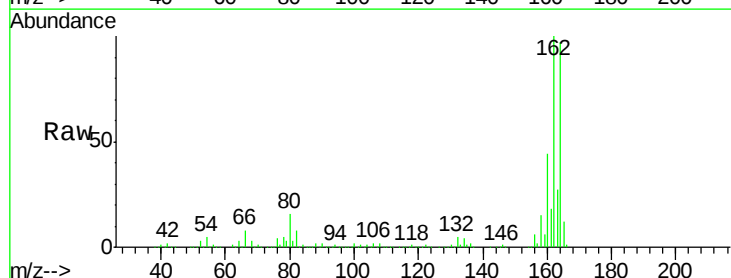
Ion Ratio Lower Upper

165 100

63 1.6 43.4 65.0#

89 1.8 70.6 106.0#

182 0.0 1.5 2.3#

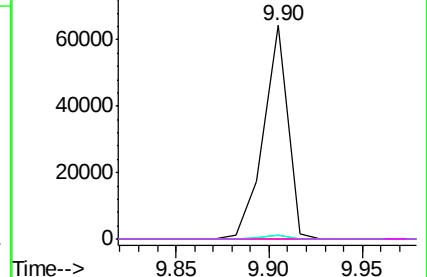
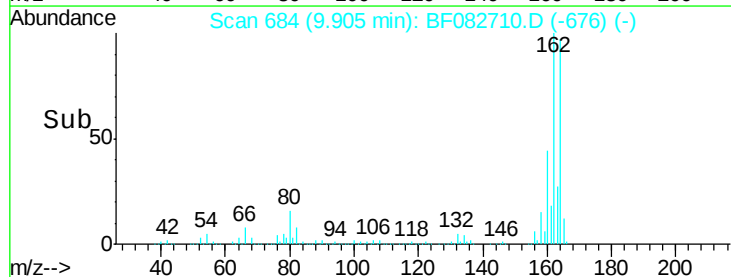


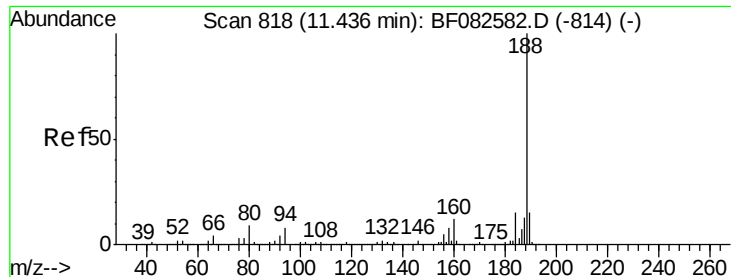
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.38 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF082710.D

Acq: 4 Nov 2015 19:42

Instrument :

BNA_F

ClientSampleId :

TP-16(4)

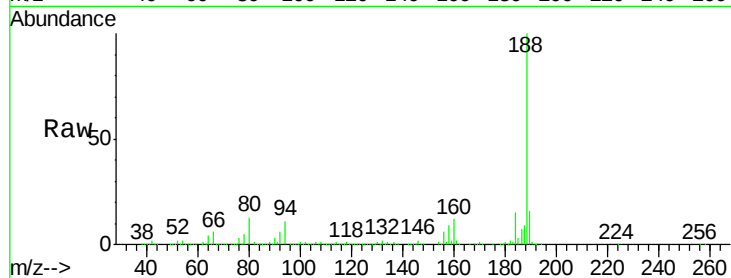
Tgt Ion:188 Resp: 803994

Ion Ratio Lower Upper

188 100

94 11.2 6.1 9.1#

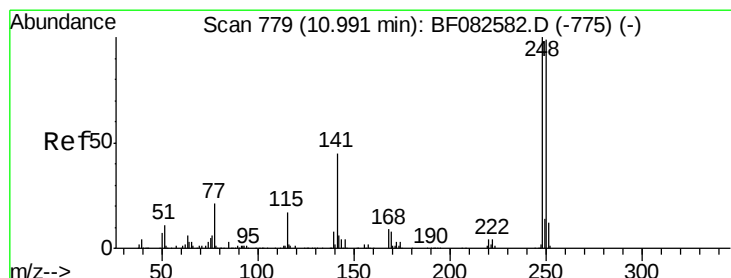
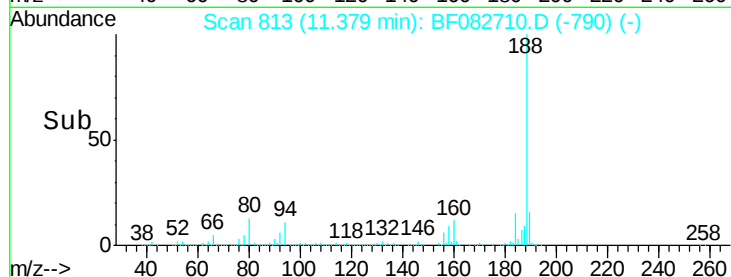
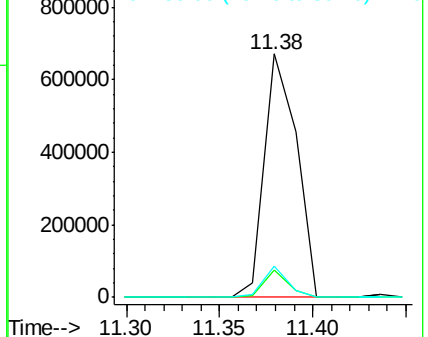
80 13.0 7.0 10.6#



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: 5.01 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.26 min

Lab File: BF082710.D

Acq: 4 Nov 2015 19:42

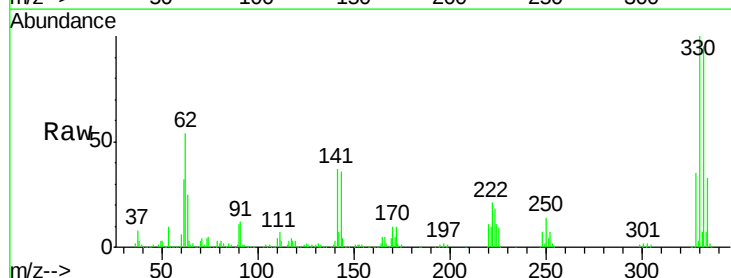
Tgt Ion:248 Resp: 45652

Ion Ratio Lower Upper

248 100

250 190.4 79.4 119.2#

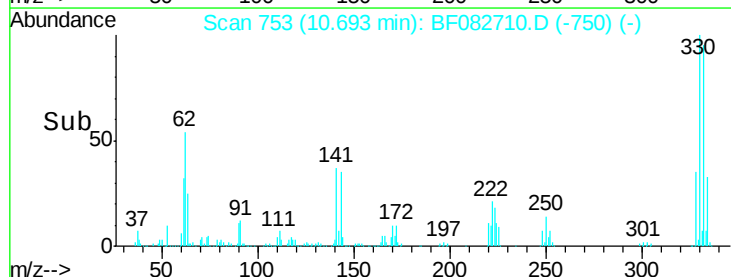
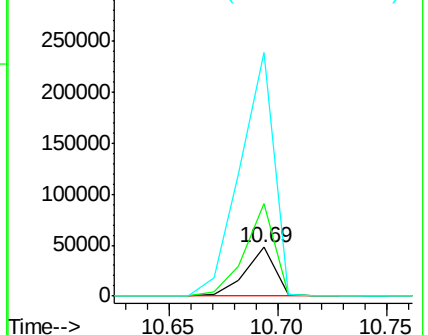
141 497.9 36.3 54.5#

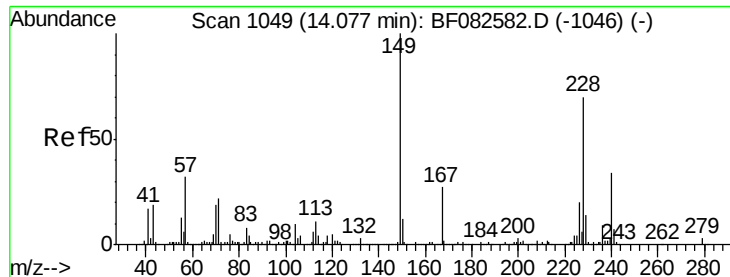


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082710.D

Acq: 4 Nov 2015 19:42

Instrument :

BNA_F

ClientSampleId :

TP-16(4)

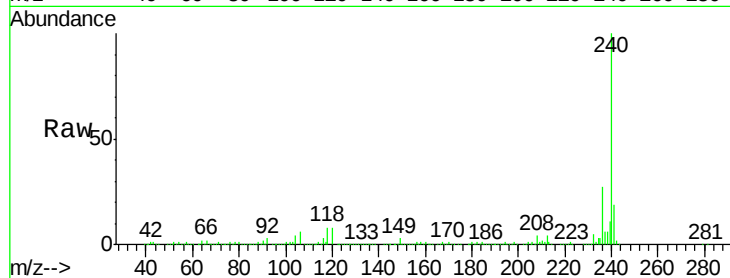
Tgt Ion:240 Resp: 764054

Ion Ratio Lower Upper

240 100

120 8.4 10.9 16.3#

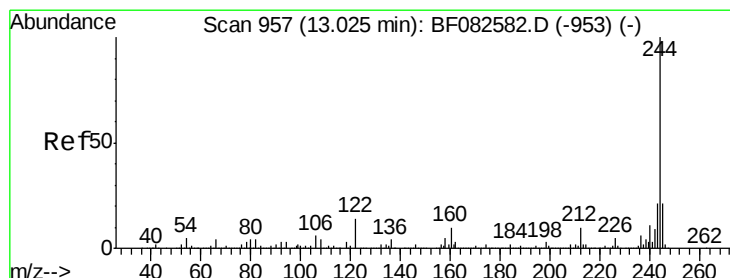
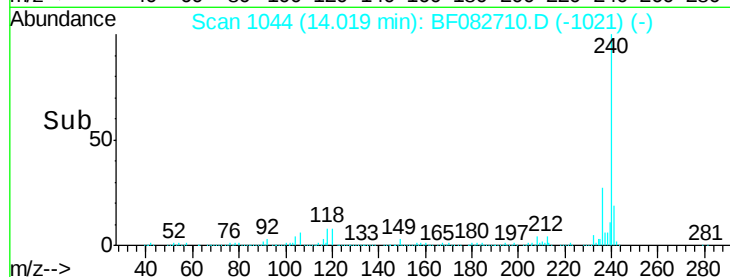
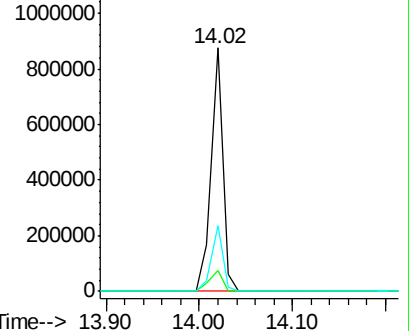
236 26.8 21.6 32.4



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: 66.80 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082710.D

Acq: 4 Nov 2015 19:42

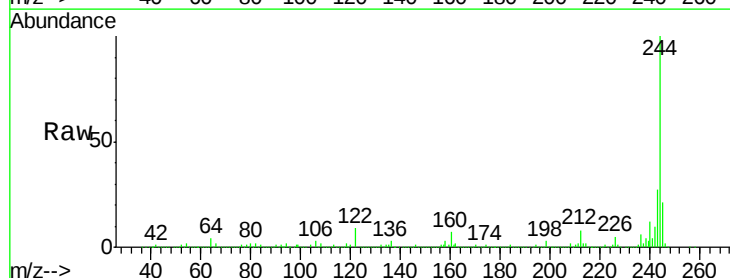
Tgt Ion:244 Resp: 2332290

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

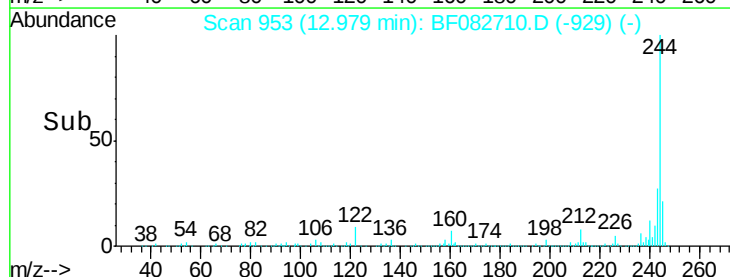
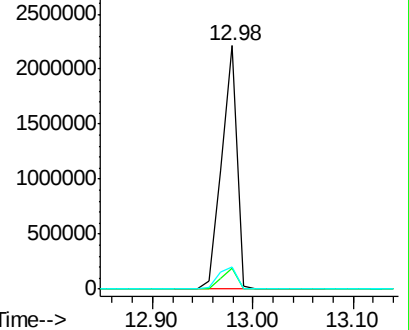
122 9.0 11.3 16.9#

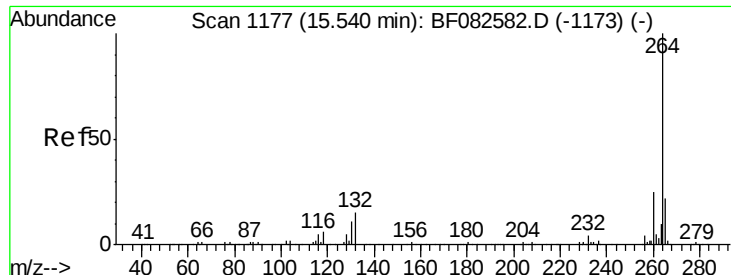


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF082710.D
Acq: 4 Nov 2015 19:42

Instrument :
BNA_F
ClientSampleId :
TP-16(4)

Tgt Ion: 264 Resp: 567856
Ion Ratio Lower Upper
264 100
260 25.2 19.8 29.6
265 22.1 17.4 26.0

