

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082817.D
 Acq On : 8 Nov 2015 2:35
 Operator : UM/IZ
 Sample : G4279-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSL-001

Quant Time: Nov 09 00:07:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

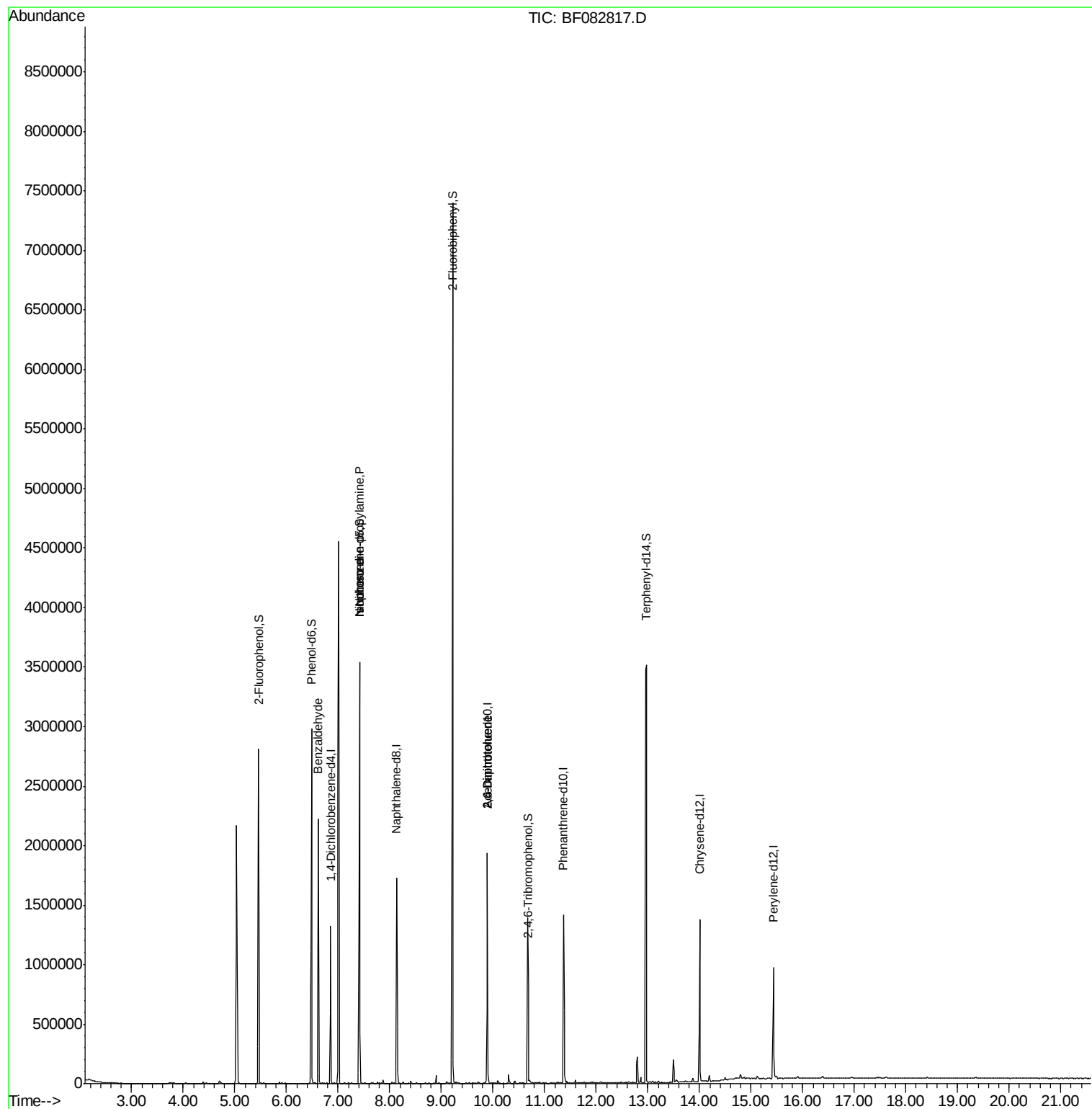
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	216376	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	748046	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	392425	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	559618	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	472294	20.00	ng	-0.01
86) Perylene-d12	15.44	264	431338	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	684955	49.25	ng	0.01
7) Phenol-d6	6.49	99	989005	53.50	ng	0.01
23) Nitrobenzene-d5	7.41	82	1277054	74.28	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	196336	43.63	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2138484	78.10	ng	0.00
78) Terphenyl-d14	12.97	244	1687314	84.74	ng	0.00
Target Compounds						
9) Benzaldehyde	6.61	77	20488	2.01	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.41	70	179421	13.20	ng	# 72
25) Isophorone	7.41	82	1256903	39.51	ng	# 69
50) 2,6-Dinitrotoluene	9.89	165	50094	7.30	ng	# 17
56) 2,4-Dinitrotoluene	9.89	165	50098	5.38	ng	# 16

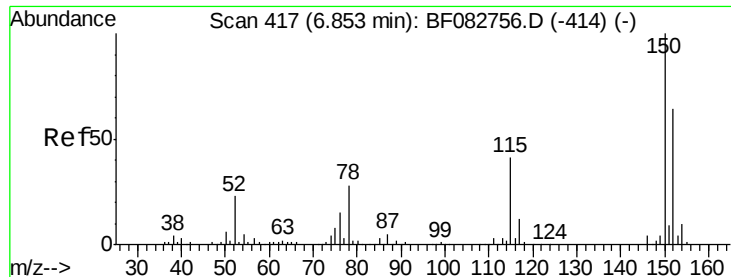
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 02:32:49 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082817.D

Acq: 8 Nov 2015 2:35

Instrument :

BNA_F

ClientSampled :

DSL-001

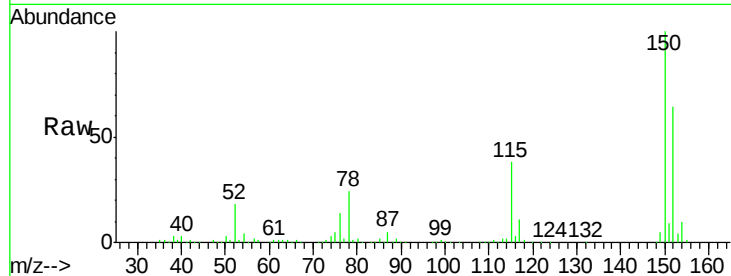
Tgt Ion:152 Resp: 216376

Ion Ratio Lower Upper

152 100

150 155.5 127.0 190.4

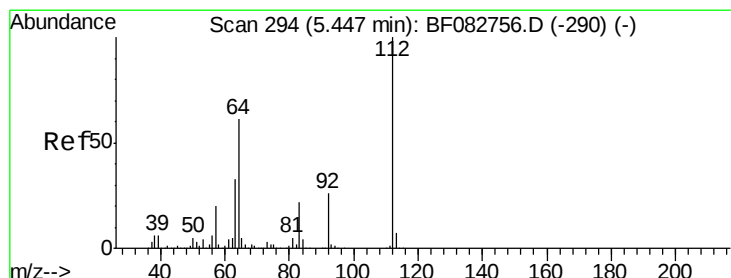
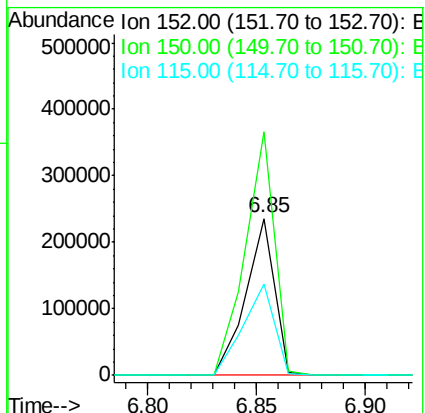
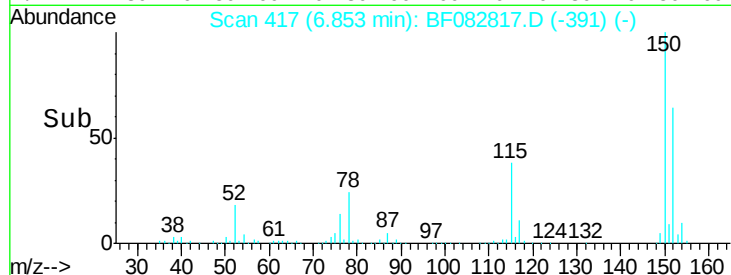
115 58.4 47.0 70.6



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: 49.25 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082817.D

Acq: 8 Nov 2015 2:35

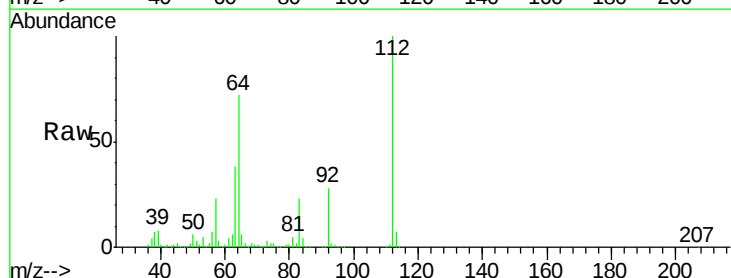
Tgt Ion:112 Resp: 684955

Ion Ratio Lower Upper

112 100

64 71.5 48.9 73.3

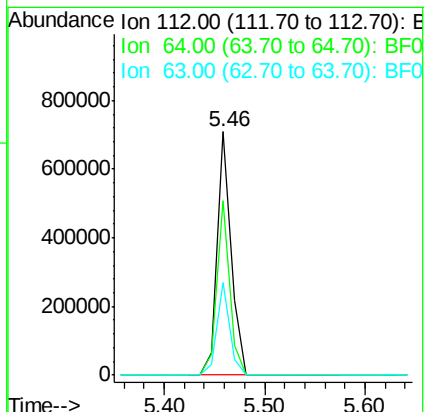
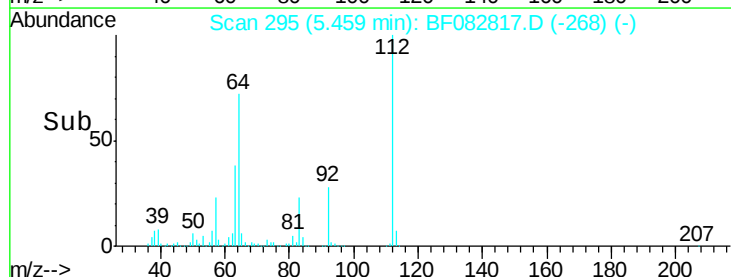
63 38.1 28.1 42.1



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: 53.50 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082817.D

Acq: 8 Nov 2015 2:35

Instrument :

BNA_F

ClientSampleId :

DSL-001

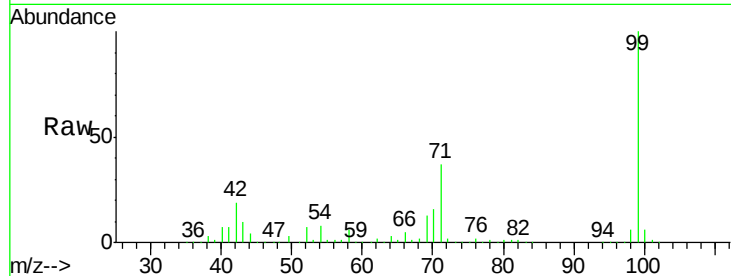
Tgt Ion: 99 Resp: 989005

Ion Ratio Lower Upper

99 100

42 18.5 19.2 28.8#

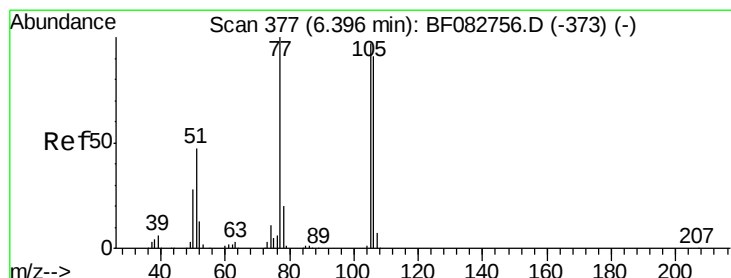
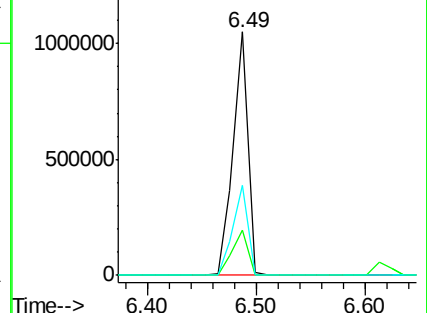
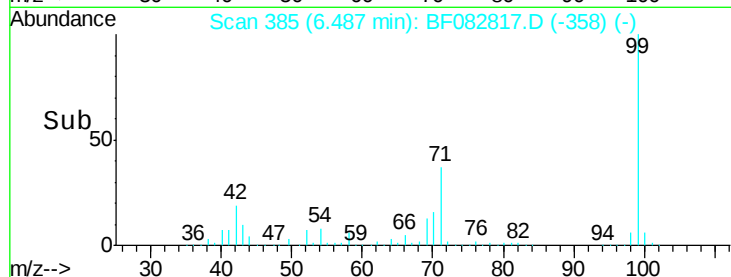
71 36.9 35.0 52.4



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: 2.01 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.22 min

Lab File: BF082817.D

Acq: 8 Nov 2015 2:35

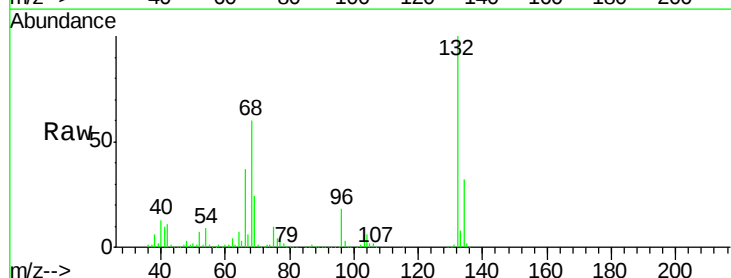
Tgt Ion: 77 Resp: 20488

Ion Ratio Lower Upper

77 100

105 77.7 63.5 103.5

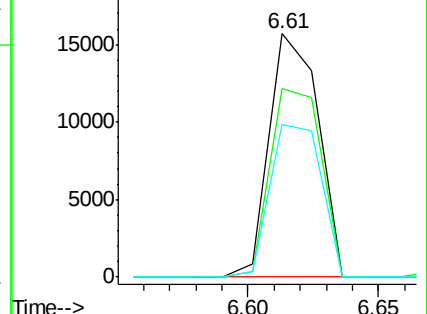
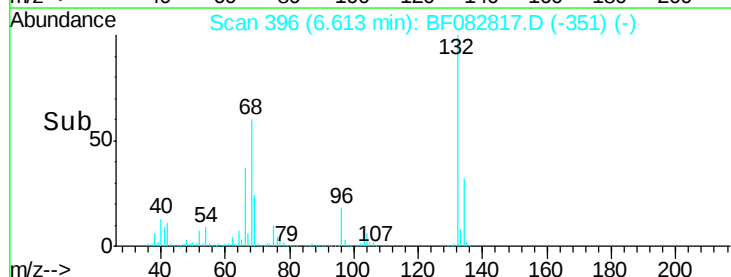
106 62.5 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

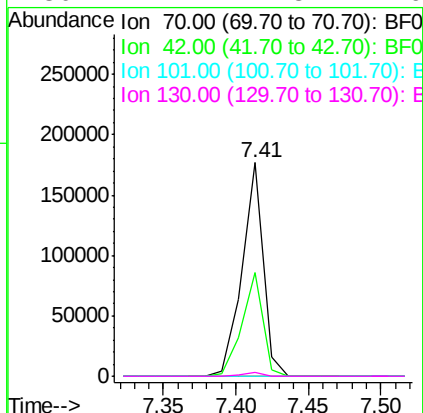
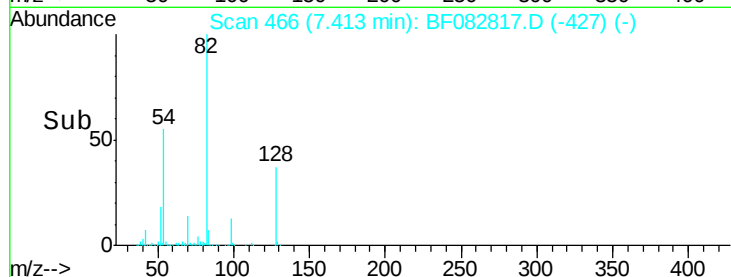
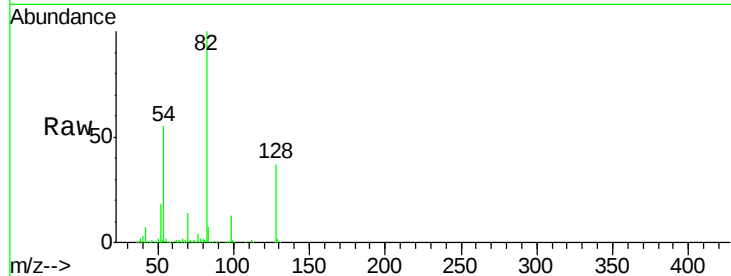




#19
n-Nitroso-di-n-propylamine
Concen: 13.20 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082817.D
Acq: 8 Nov 2015 2:35

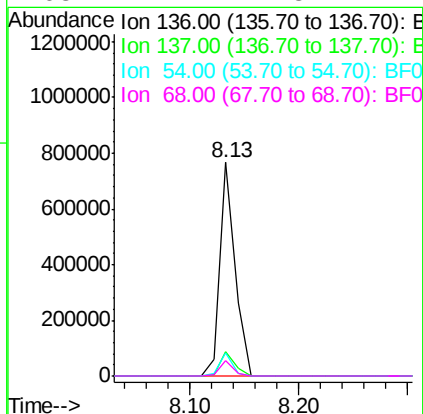
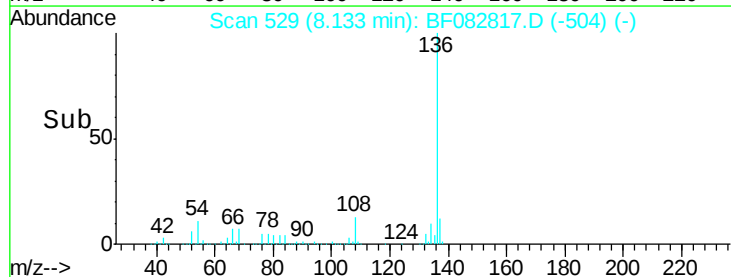
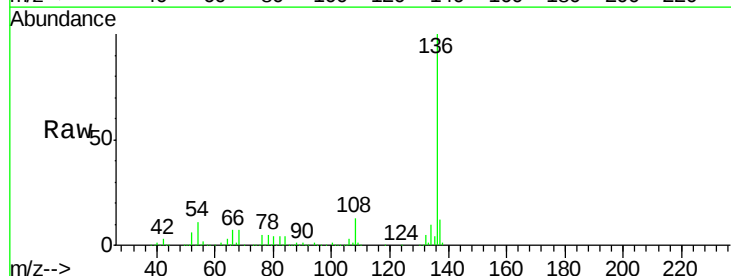
Instrument :
BNA_F
ClientSampleId :
DSL-001

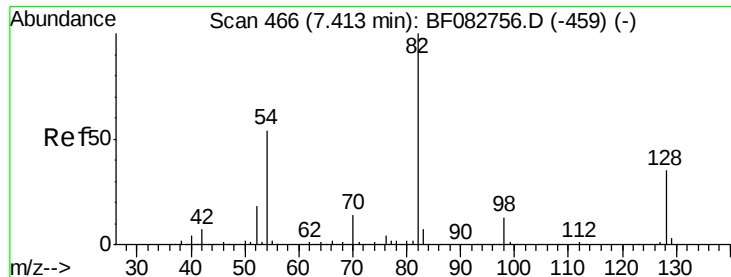
Tgt Ion: 70 Resp: 179421
Ion Ratio Lower Upper
70 100
42 48.8 57.7 86.5#
101 0.0 7.0 10.6#
130 1.7 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082817.D
Acq: 8 Nov 2015 2:35

Tgt Ion: 136 Resp: 748046
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 10.8 9.1 13.7
68 7.1 4.8 7.2

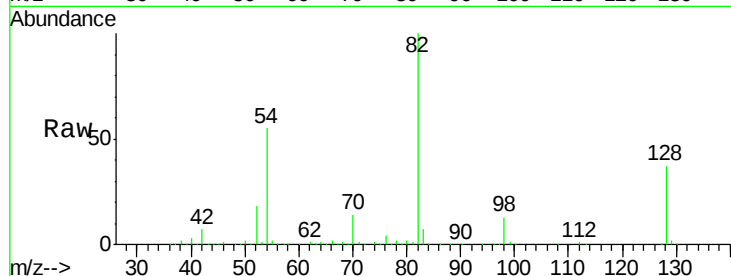




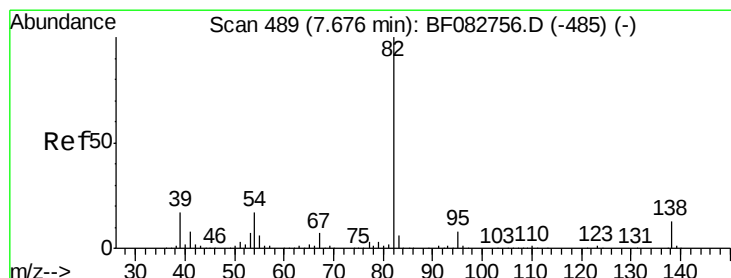
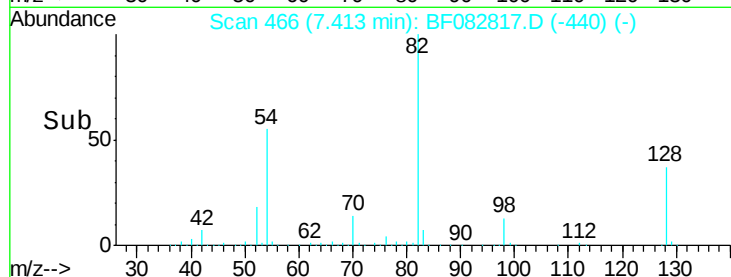
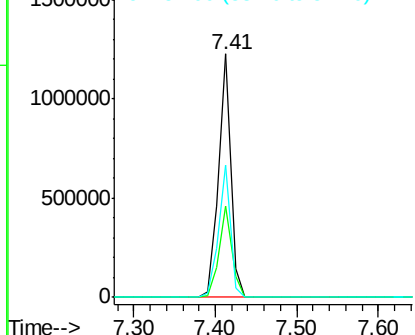
#23
 Nitrobenzene-d5
 Concen: 74.28 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082817.D
 Acq: 8 Nov 2015 2:35

Instrument :
 BNA_F
 ClientSampleId :
 DSL-001

Tgt Ion: 82 Resp: 1277054
 Ion Ratio Lower Upper
 82 100
 128 37.3 26.8 40.2
 54 54.6 45.7 68.5

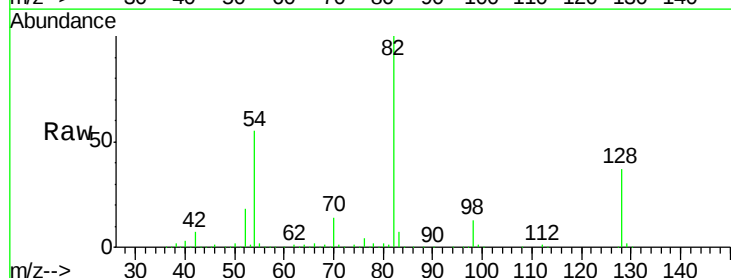


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

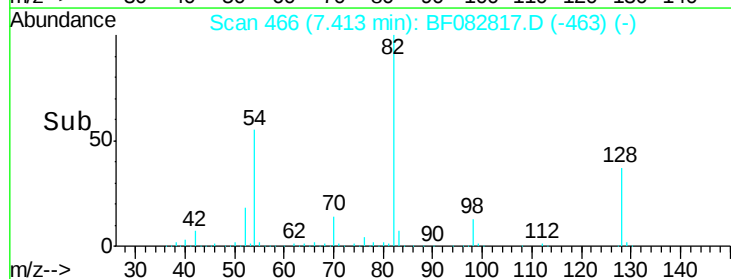
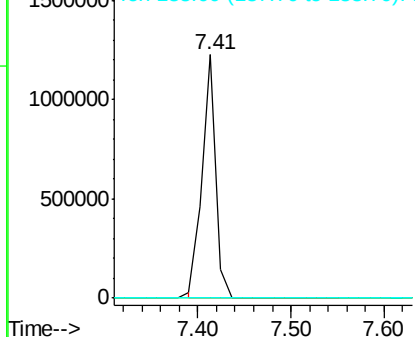


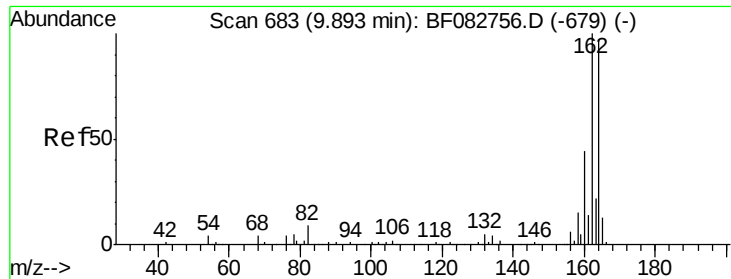
#25
 Isophorone
 Concen: 39.51 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF082817.D
 Acq: 8 Nov 2015 2:35

Tgt Ion: 82 Resp: 1256903
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082817.D

Acq: 8 Nov 2015 2:35

Instrument :

BNA_F

ClientSampleId :

DSL-001

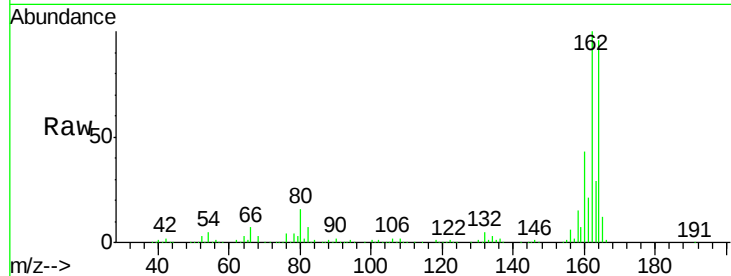
Tgt Ion:164 Resp: 392425

Ion Ratio Lower Upper

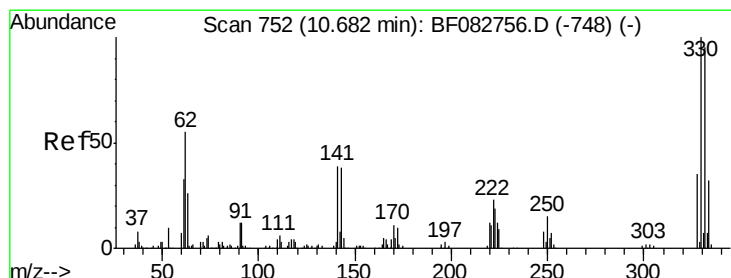
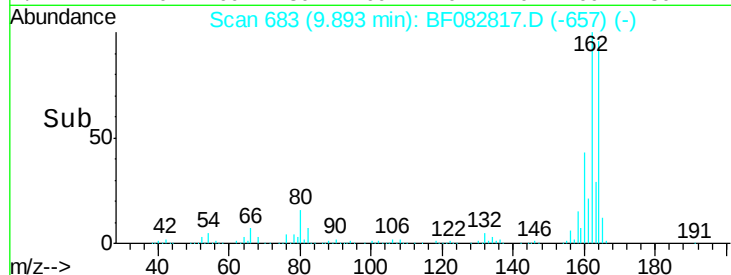
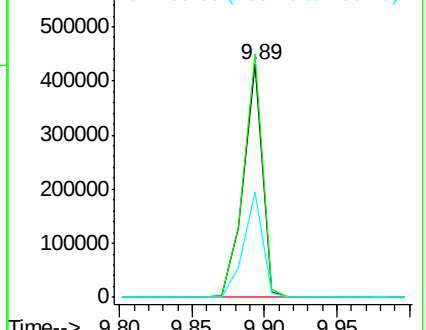
164 100

162 104.5 84.9 127.3

160 45.3 37.5 56.3



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: 43.63 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF082817.D

Acq: 8 Nov 2015 2:35

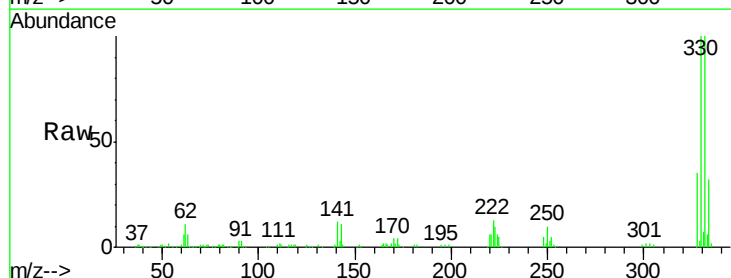
Tgt Ion:330 Resp: 196336

Ion Ratio Lower Upper

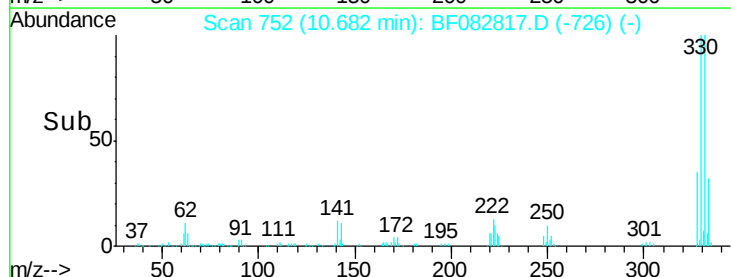
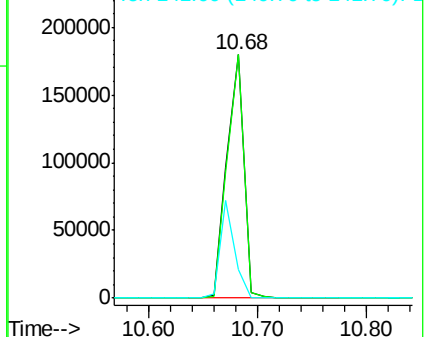
330 100

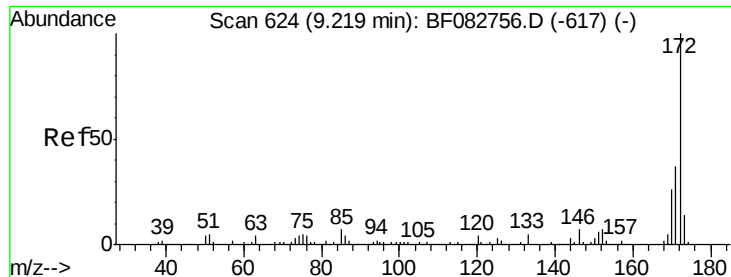
332 98.1 76.6 114.8

141 33.9 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

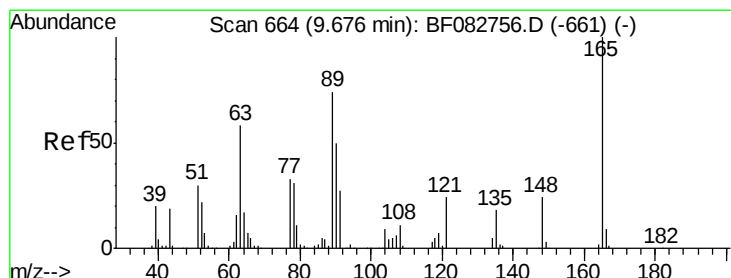
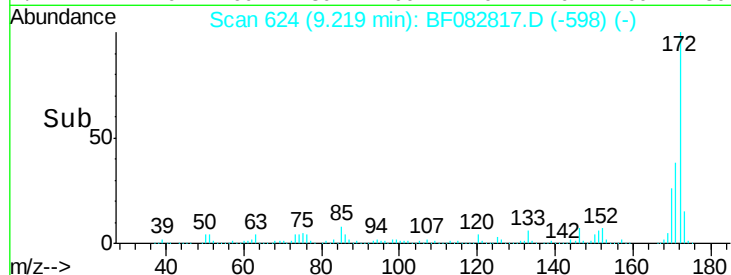
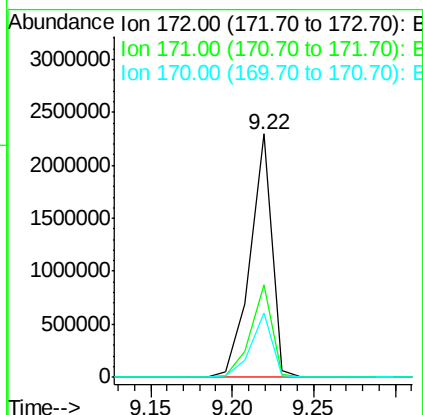
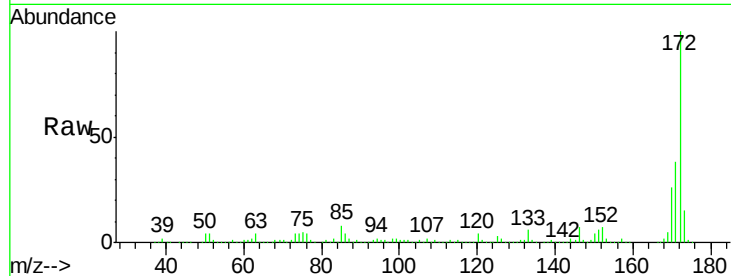




#44
 2-Fluorobiphenyl
 Concen: 78.10 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082817.D
 Acq: 8 Nov 2015 2:35

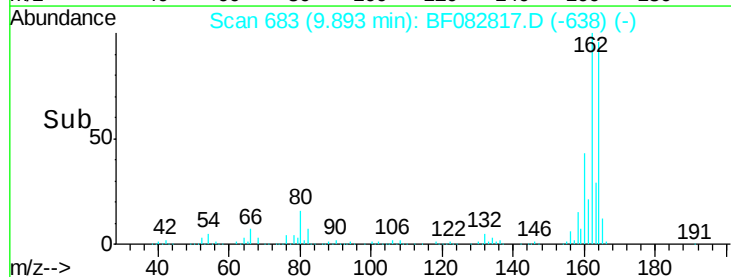
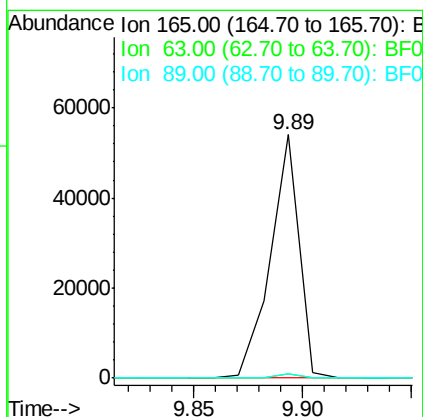
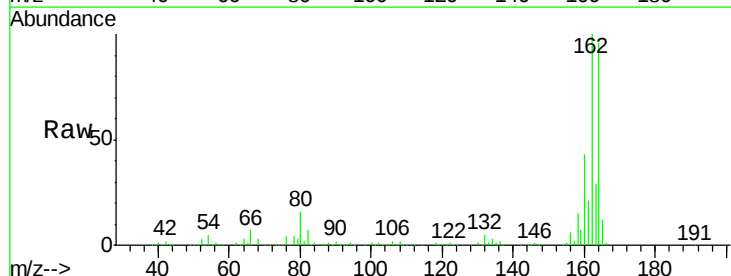
Instrument :
 BNA_F
 ClientSampleId :
 DSL-001

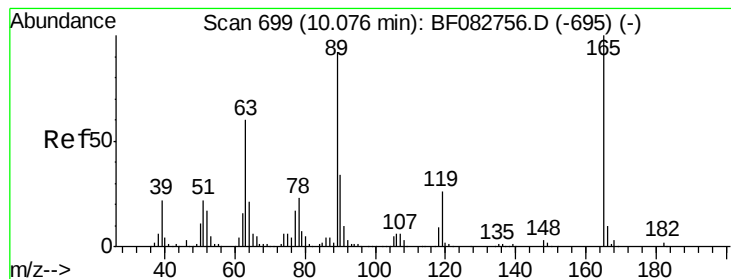
Tgt Ion:172 Resp: 2138484
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 26.4 21.2 31.8



#50
 2,6-Dinitrotoluene
 Concen: 7.30 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.22 min
 Lab File: BF082817.D
 Acq: 8 Nov 2015 2:35

Tgt Ion:165 Resp: 50094
 Ion Ratio Lower Upper
 165 100
 63 1.6 55.5 83.3#
 89 1.9 55.0 82.6#





#56

2,4-Dinitrotoluene

Concen: 5.38 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.18 min

Lab File: BF082817.D

Acq: 8 Nov 2015 2:35

Instrument :

BNA_F

ClientSampleId :

DSL-001

Tgt Ion:165 Resp: 50098

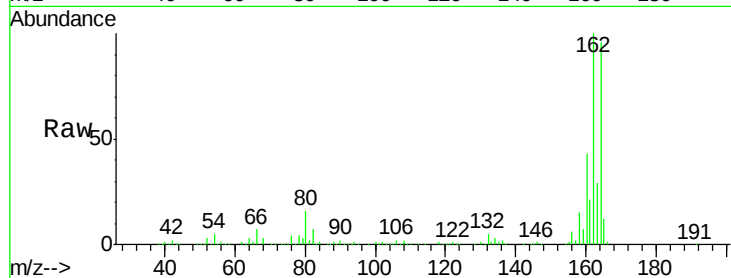
Ion Ratio Lower Upper

165 100

63 1.6 43.4 65.0#

89 1.9 70.6 106.0#

182 0.0 1.5 2.3#

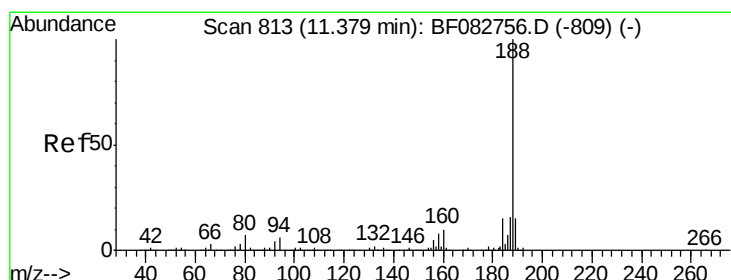
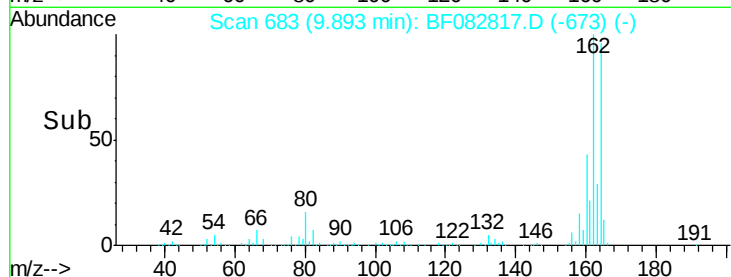
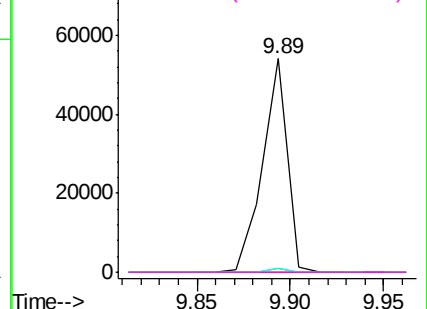


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082817.D

Acq: 8 Nov 2015 2:35

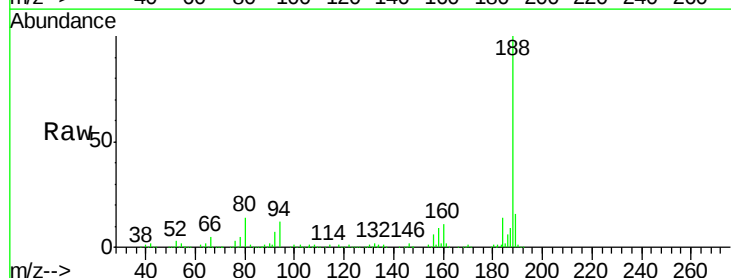
Tgt Ion:188 Resp: 559618

Ion Ratio Lower Upper

188 100

94 11.7 6.1 9.1#

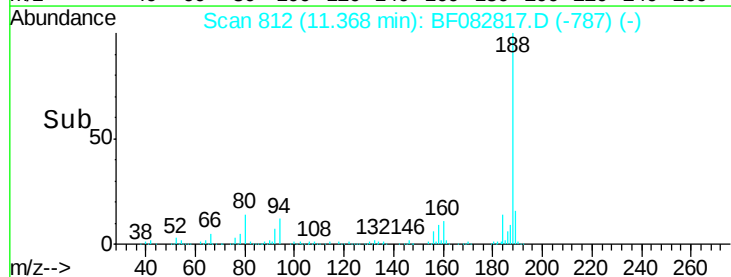
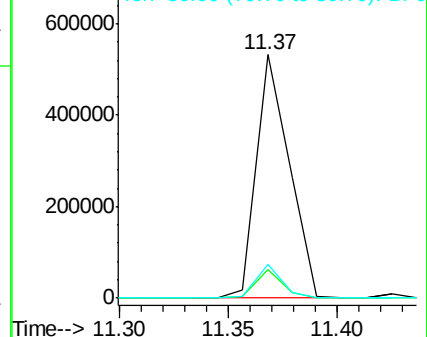
80 13.7 7.0 10.6#

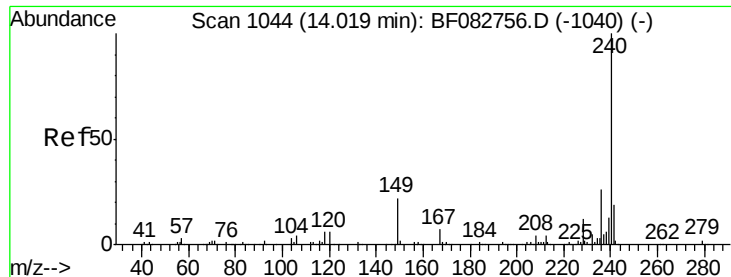


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082817.D

Acq: 8 Nov 2015 2:35

Instrument :

BNA_F

ClientSampleId :

DSL-001

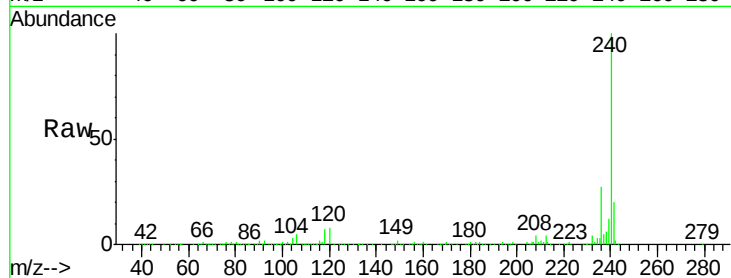
Tgt Ion:240 Resp: 472294

Ion Ratio Lower Upper

240 100

120 7.7 10.9 16.3#

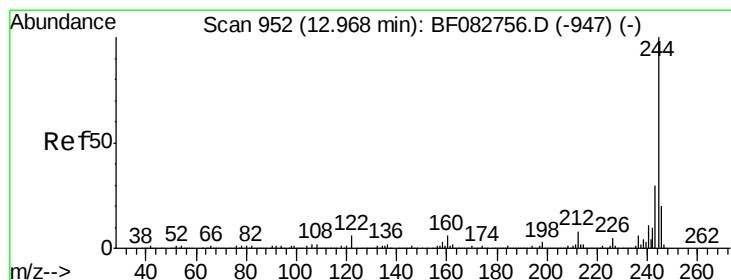
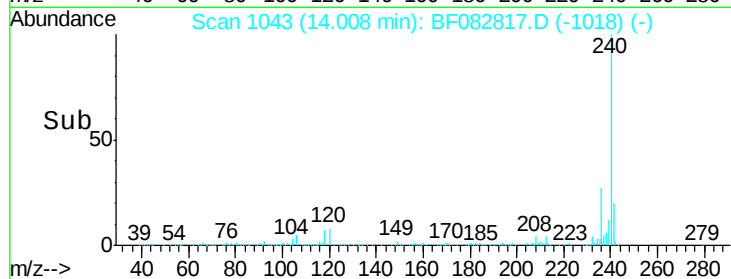
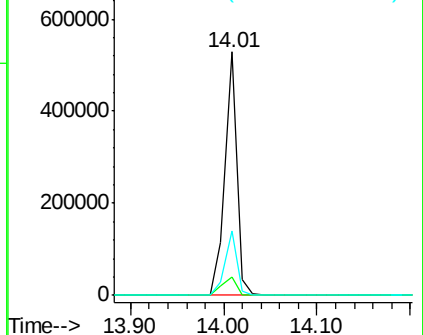
236 26.5 21.6 32.4



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: 84.74 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF082817.D

Acq: 8 Nov 2015 2:35

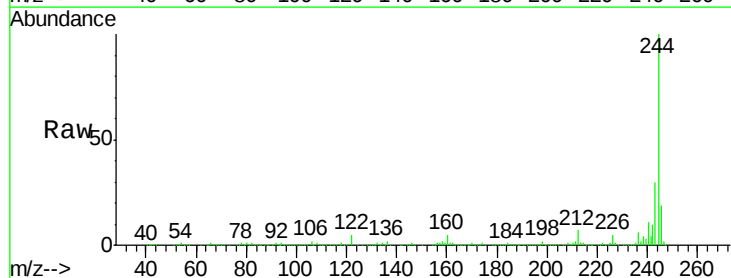
Tgt Ion:244 Resp: 1687314

Ion Ratio Lower Upper

244 100

212 7.1 7.6 11.4#

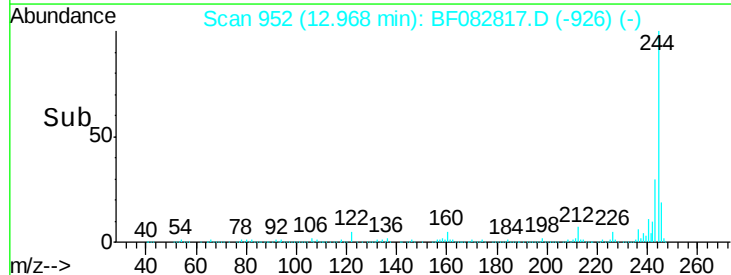
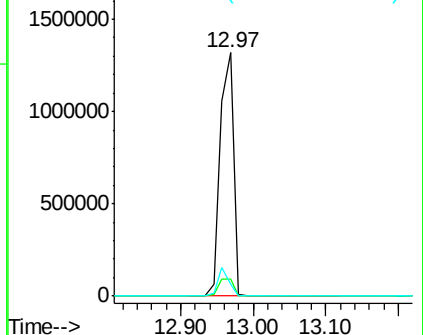
122 5.1 11.3 16.9#

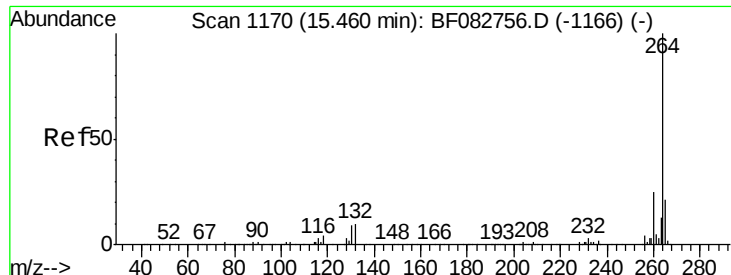


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

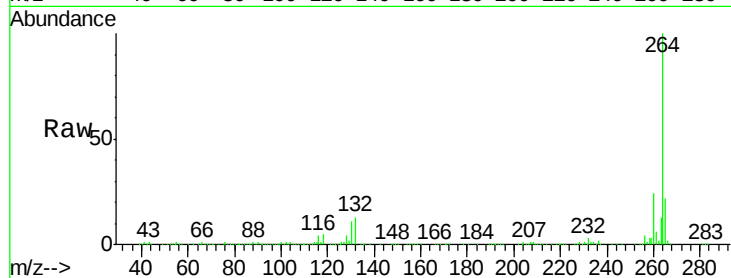




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF082817.D
 Acq: 8 Nov 2015 2:35

Instrument :
 BNA_F
 ClientSampleId :
 DSL-001

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.6
265	22.4	17.4	26.0



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

