

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082715.D
 Acq On : 4 Nov 2015 22:08
 Operator : UM/IZ
 Sample : G4241-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13(18-20)

Quant Time: Nov 04 23:25:26 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

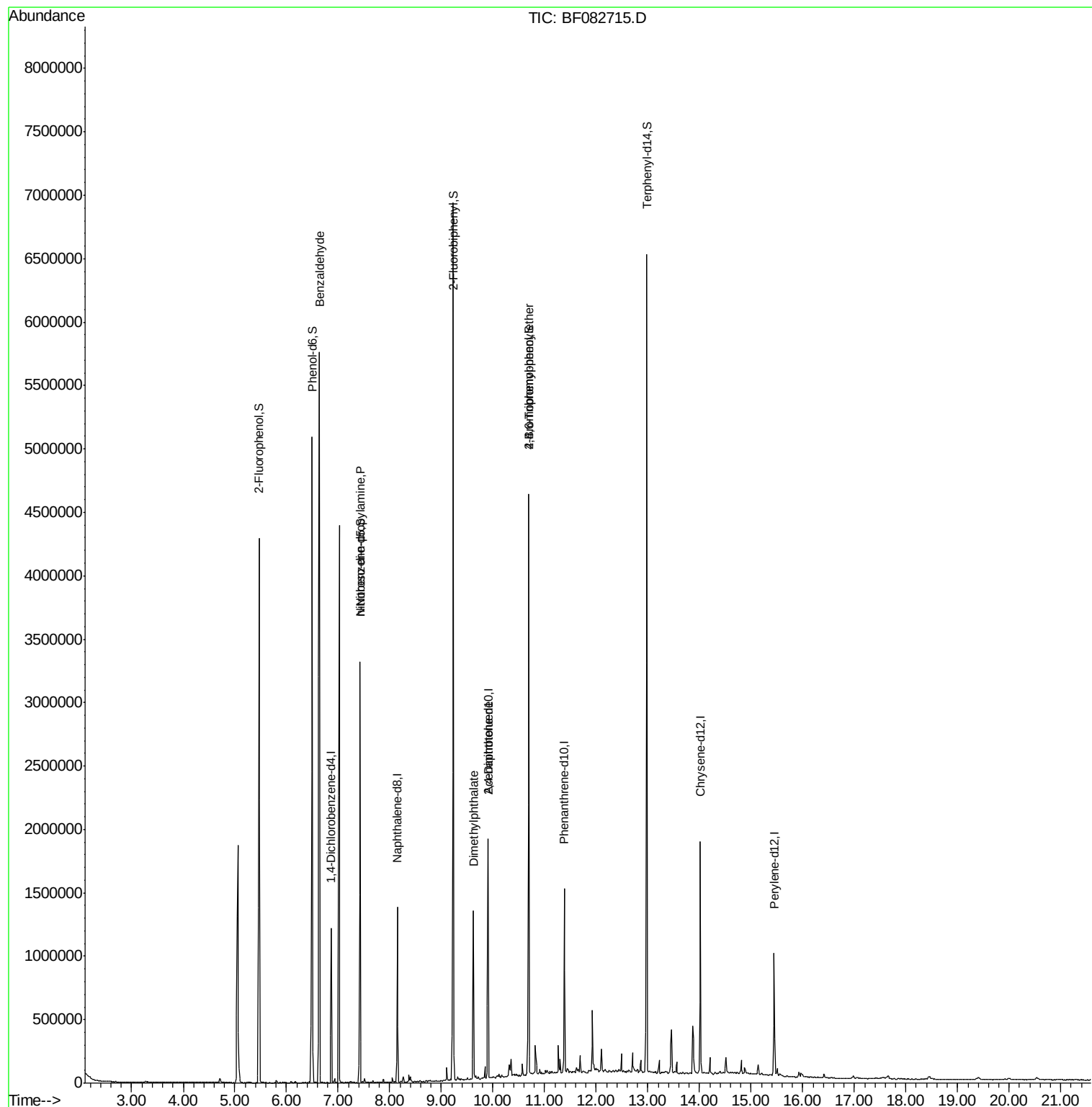
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	175055	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	628443	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	378251	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	634135	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	636302	20.00	ng	-0.03
86) Perylene-d12	15.45	264	456005	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1494322	128.57	ng	0.00
7) Phenol-d6	6.50	99	1860766	120.51	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1250929	81.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	540100	130.47	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	2075994	77.92	ng	-0.02
78) Terphenyl-d14	12.98	244	2208823	75.97	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	48154	4.57	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.42	70	174853	14.94	ng	# 71
49) Dimethylphthalate	9.62	163	463264	15.00	ng	98
56) 2,4-Dinitrotoluene	9.90	165	51417	5.94	ng	# 16
66) 4-Bromophenyl-phenylether	10.69	248	41671	5.80	ng	# 1

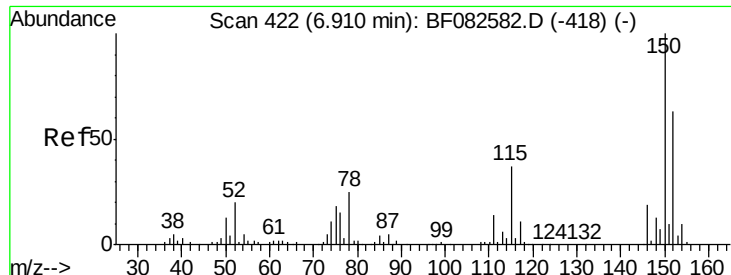
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082715.D

Acq: 4 Nov 2015 22:08

Instrument :

BNA_F

ClientSampleId :

SB-13(18-20)

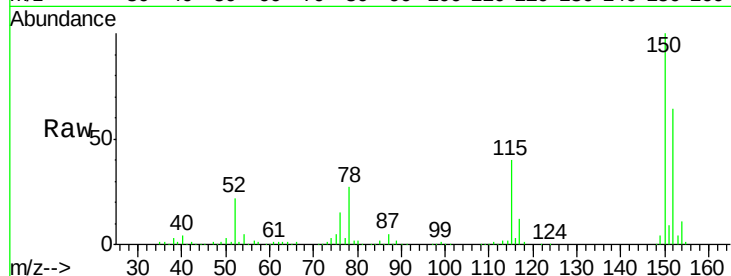
Tgt Ion:152 Resp: 175055

Ion Ratio Lower Upper

152 100

150 156.0 127.0 190.4

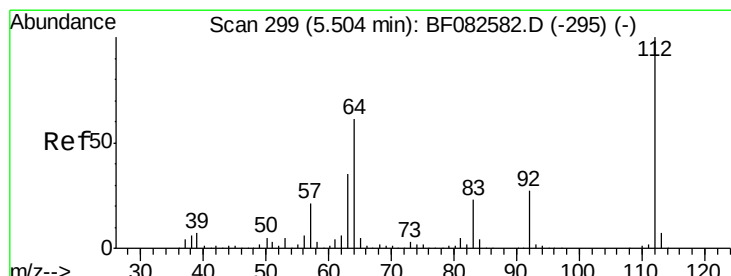
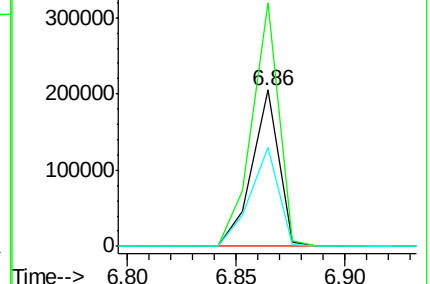
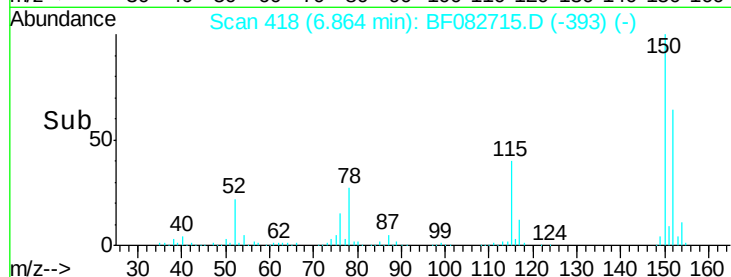
115 63.1 47.0 70.6



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: 128.57 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.00 min

Lab File: BF082715.D

Acq: 4 Nov 2015 22:08

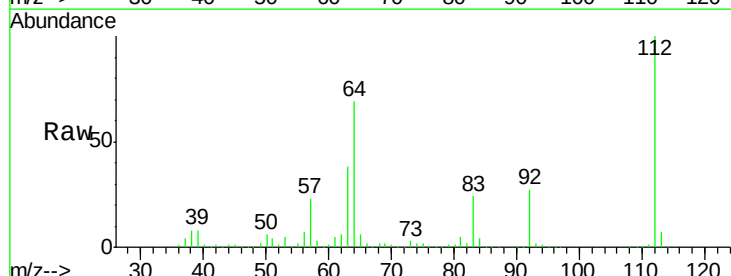
Tgt Ion:112 Resp: 1494322

Ion Ratio Lower Upper

112 100

64 68.7 48.9 73.3

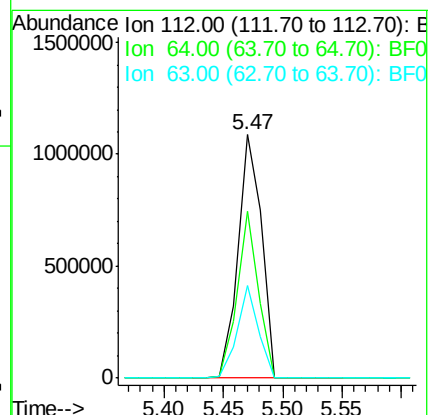
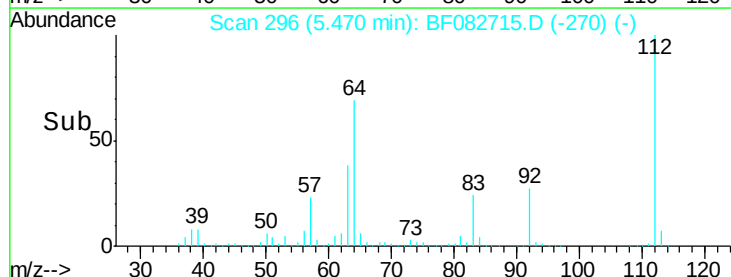
63 37.9 28.1 42.1

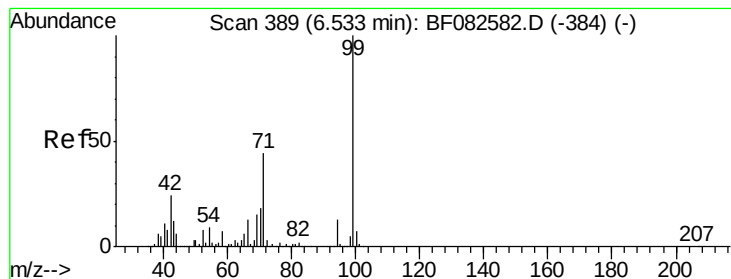


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.51 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082715.D

Acq: 4 Nov 2015 22:08

Instrument :

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SB-13(18-20)

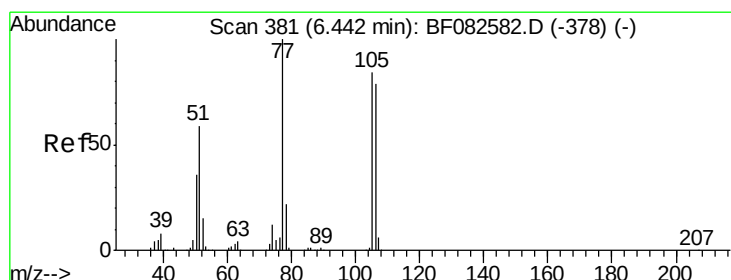
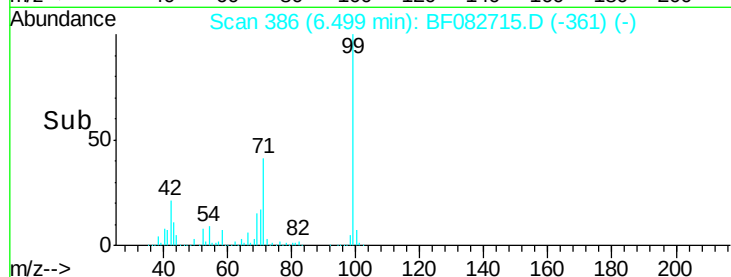
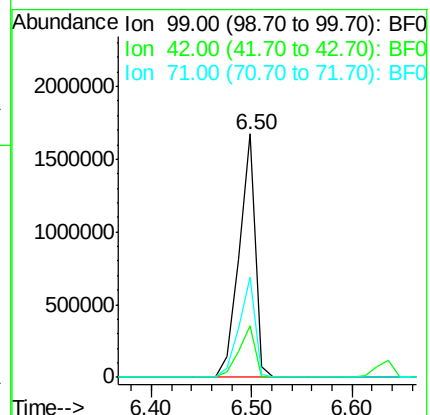
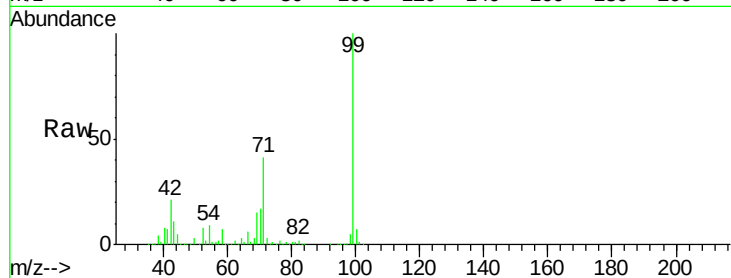
Tgt Ion: 99 Resp: 1860766

Ion Ratio Lower Upper

99 100

42 21.4 19.2 28.8

71 41.0 35.0 52.4



#9

Benzaldehyde

Concen: 4.57 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082715.D

Acq: 4 Nov 2015 22:08

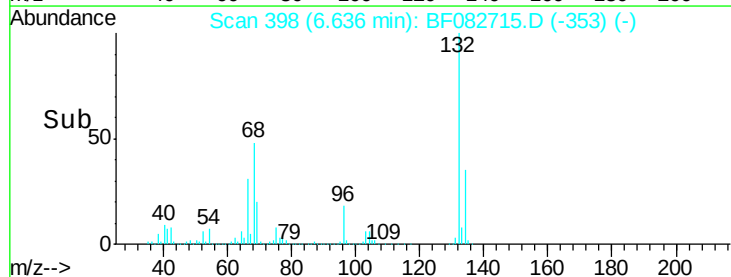
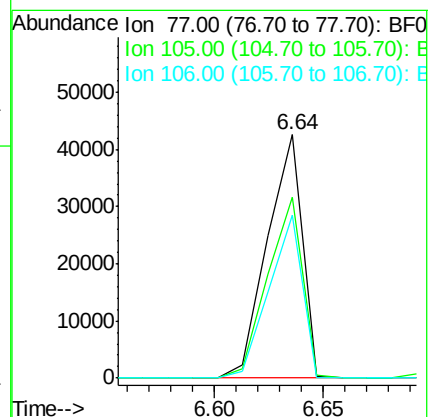
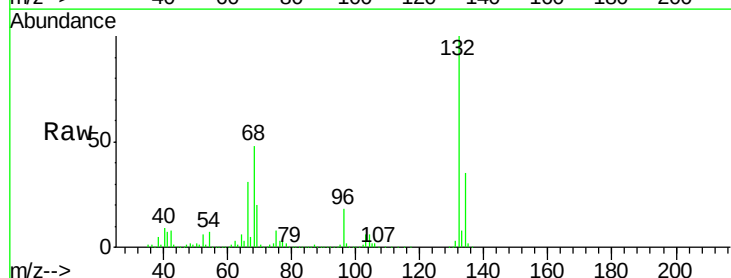
Tgt Ion: 77 Resp: 48154

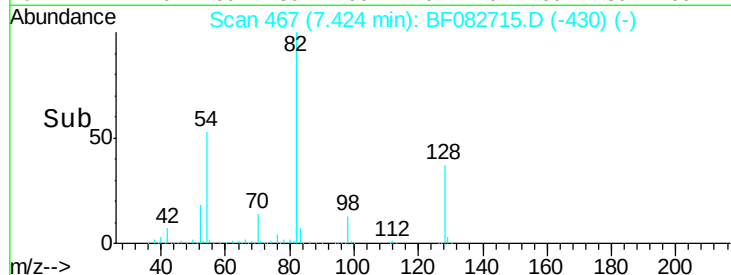
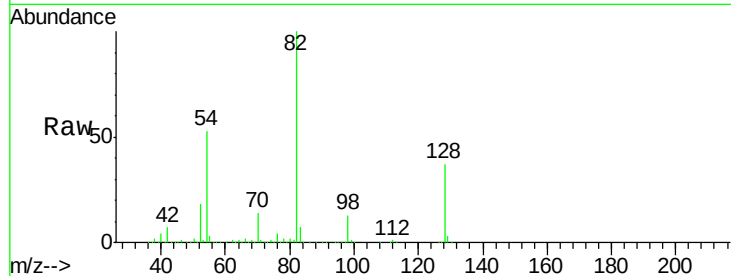
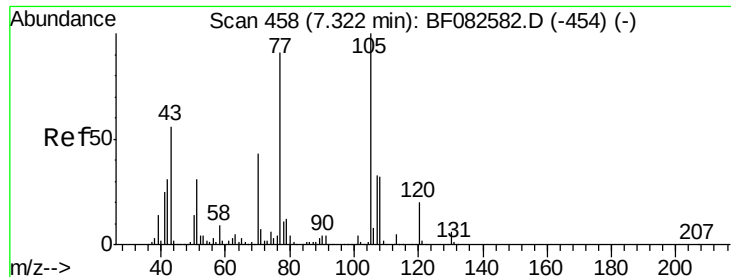
Ion Ratio Lower Upper

77 100

105 74.2 63.5 103.5

106 66.8 59.3 99.3

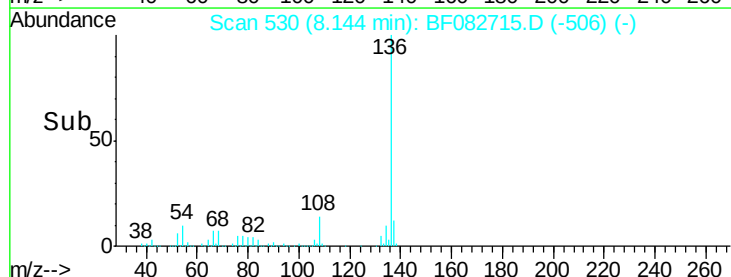
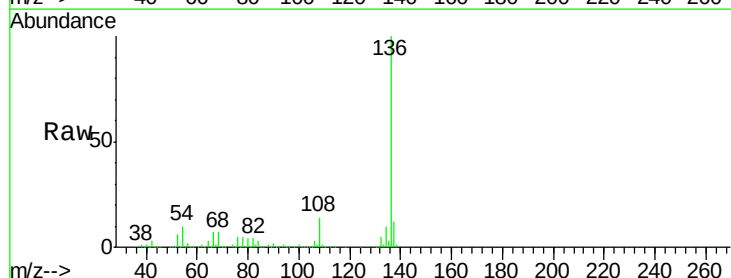
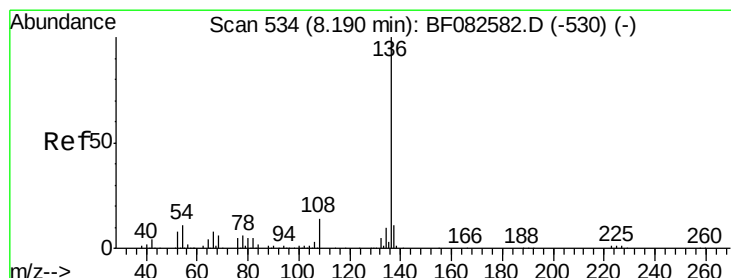
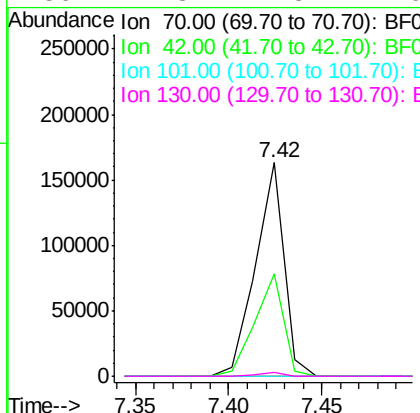




#19
n-Nitroso-di-n-propylamine
Concen: 14.94 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF082715.D
Acq: 4 Nov 2015 22:08

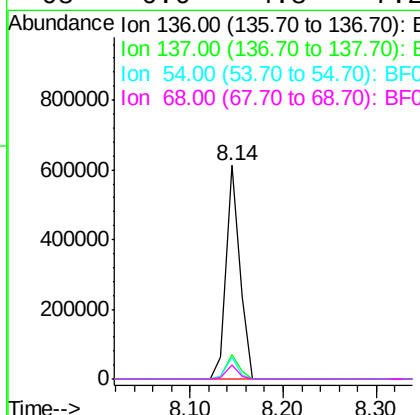
Instrument :
BNA_F
ClientSampleId :
SB-13(18-20)

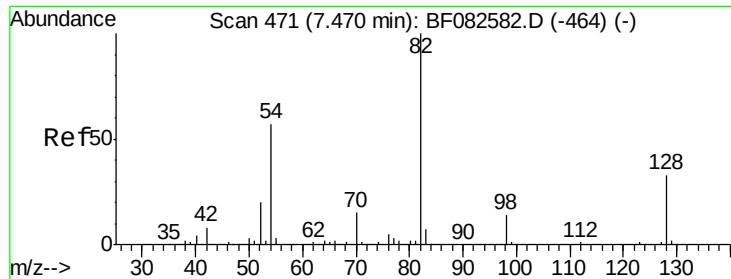
Tgt Ion: 70 Resp: 174853
Ion Ratio Lower Upper
70 100
42 47.7 57.7 86.5#
101 0.0 7.0 10.6#
130 1.8 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF082715.D
Acq: 4 Nov 2015 22:08

Tgt Ion: 136 Resp: 628443
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 10.3 9.1 13.7
68 6.6 4.8 7.2

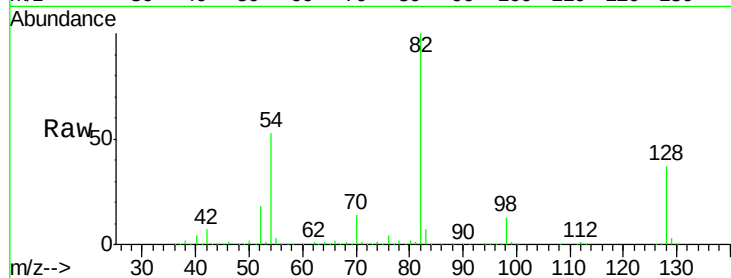




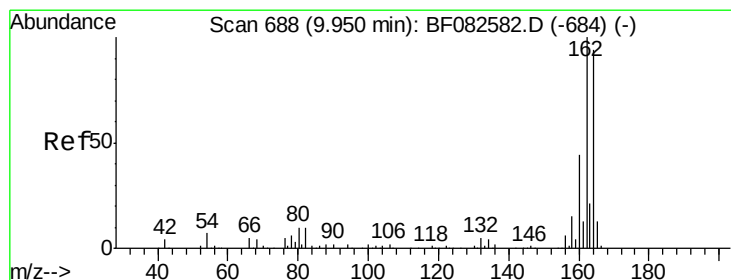
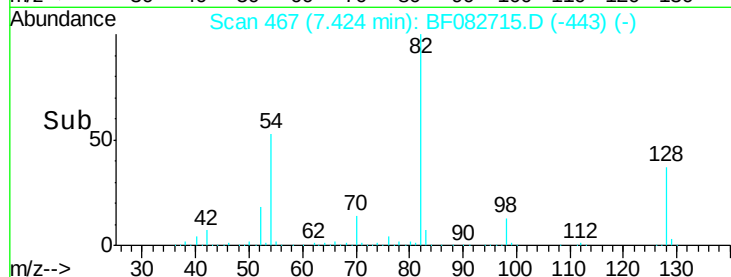
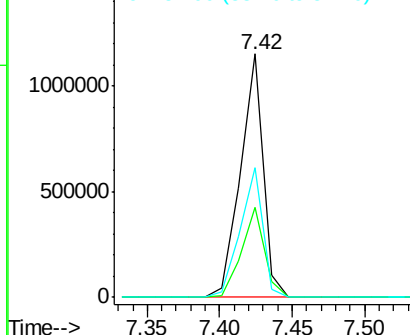
#23
 Nitrobenzene-d5
 Concen: 81.28 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082715.D
 Acq: 4 Nov 2015 22:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-13(18-20)

Tgt Ion: 82 Resp: 1250929
 Ion Ratio Lower Upper
 82 100
 128 36.7 26.8 40.2
 54 53.4 45.7 68.5

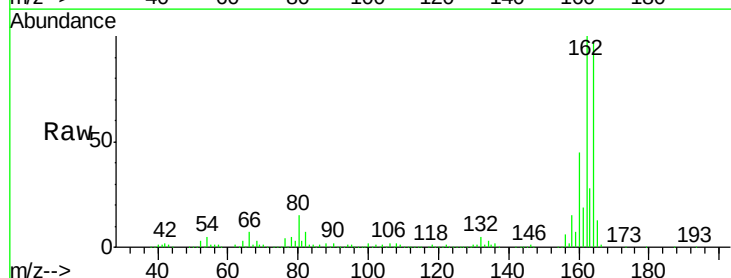


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

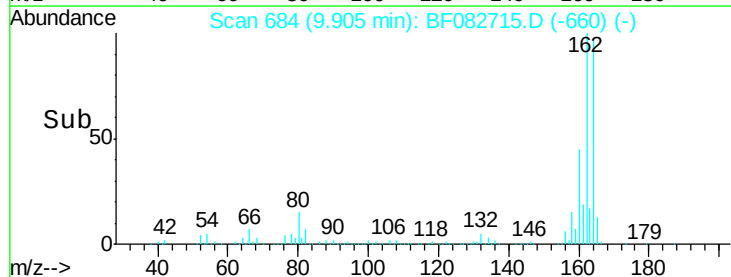
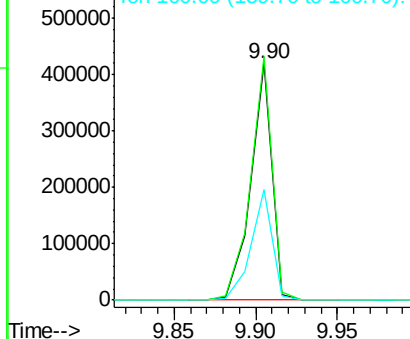


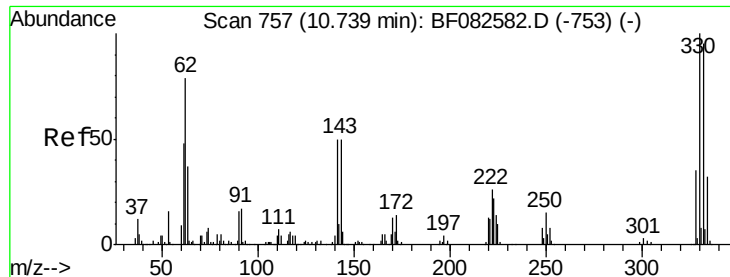
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082715.D
 Acq: 4 Nov 2015 22:08

Tgt Ion: 164 Resp: 378251
 Ion Ratio Lower Upper
 164 100
 162 102.7 84.9 127.3
 160 46.5 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

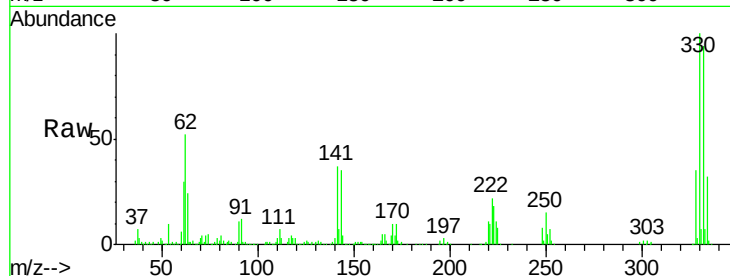




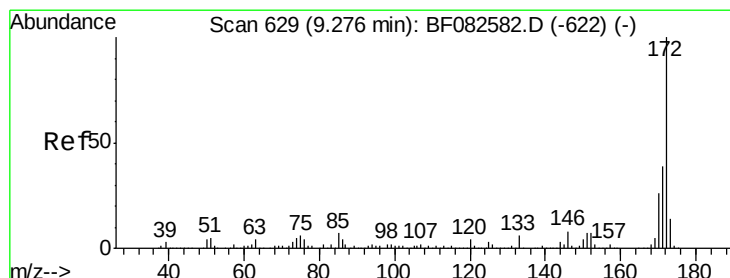
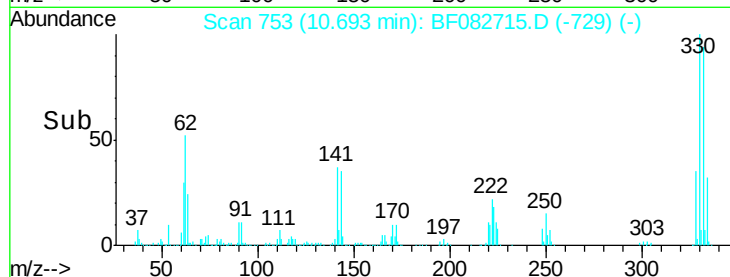
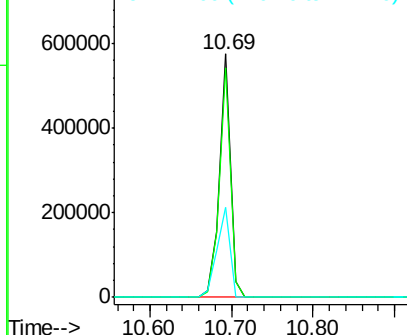
#41
 2,4,6-Tribromophenol
 Concen: 130.47 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082715.D
 Acq: 4 Nov 2015 22:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-13(18-20)

Tgt Ion:330 Resp: 540100
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 43.2 41.2 61.8

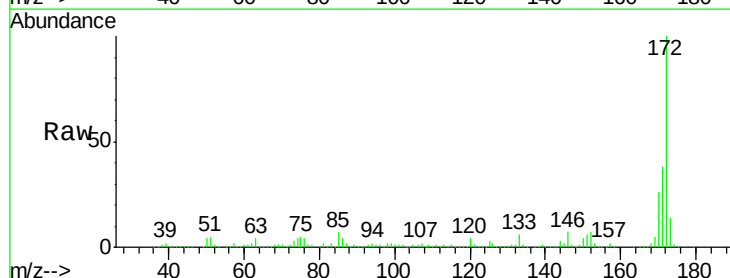


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

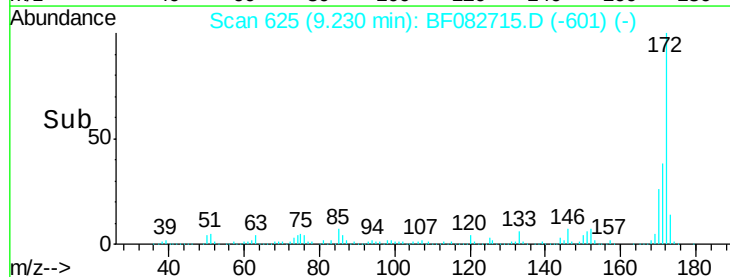
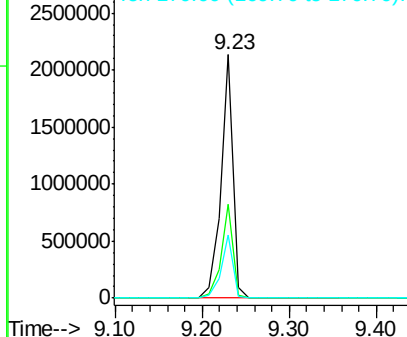


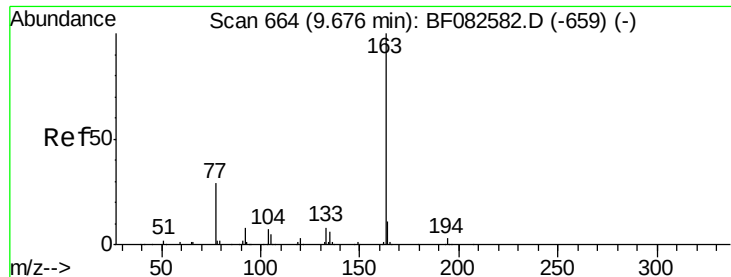
#44
 2-Fluorobiphenyl
 Concen: 77.92 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082715.D
 Acq: 4 Nov 2015 22:08

Tgt Ion:172 Resp: 2075994
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.8 46.2
 170 26.0 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

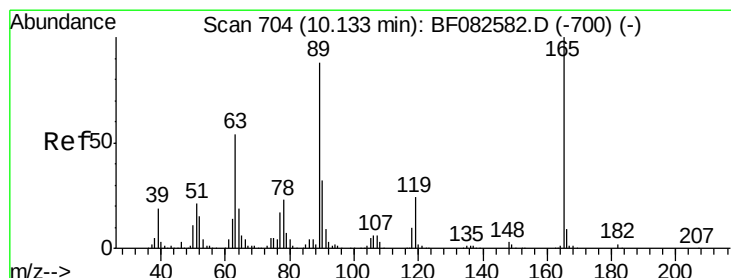
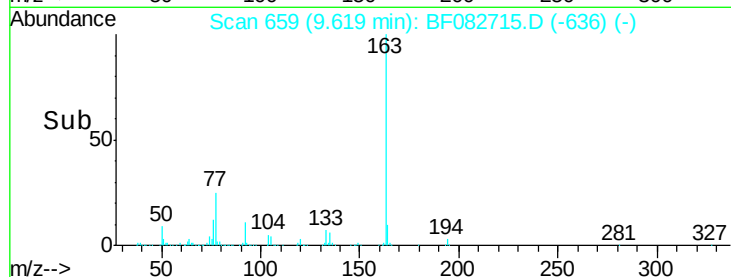
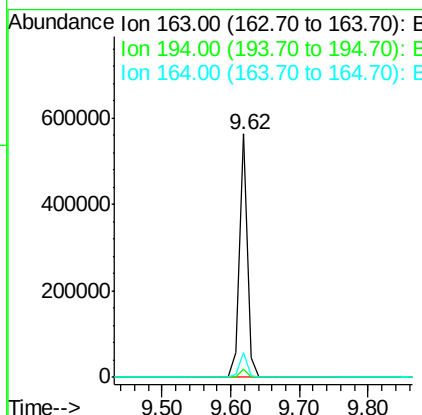
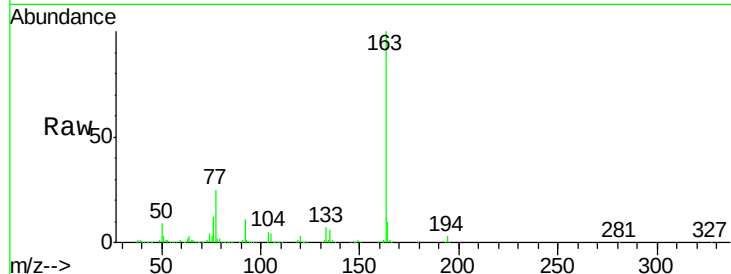




#49
Dimethylphthalate
Concen: 15.00 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082715.D
Acq: 4 Nov 2015 22:08

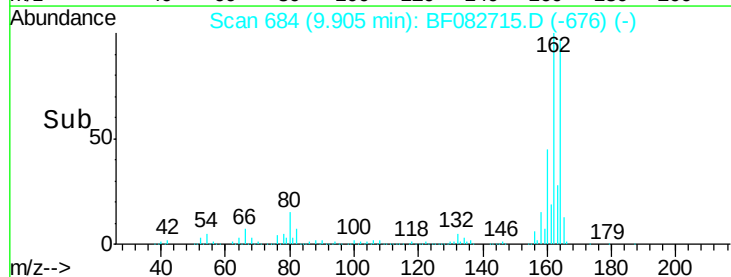
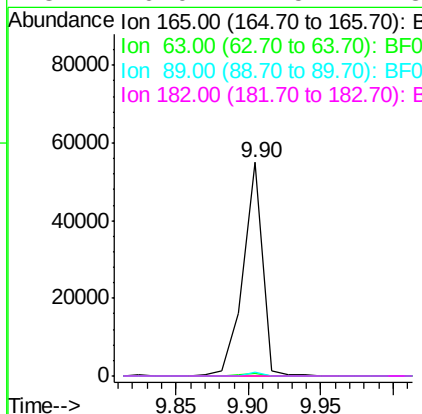
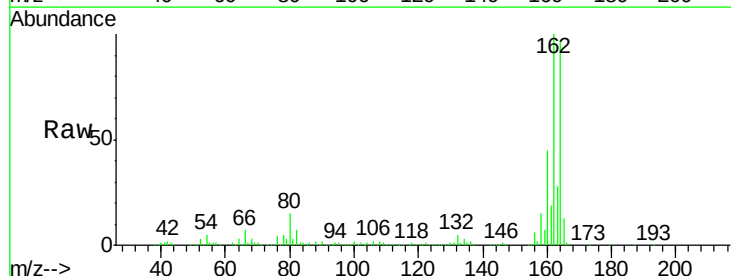
Instrument :
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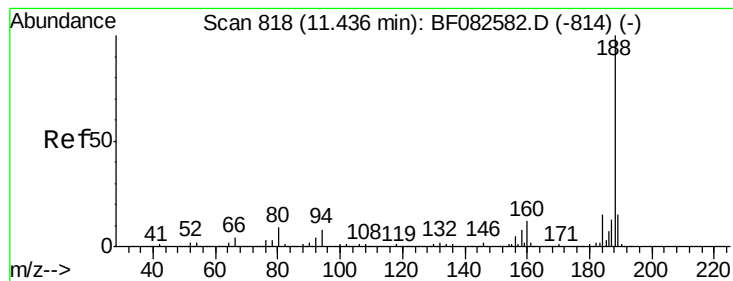
Tgt Ion:163 Resp: 463264
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.21 min
Lab File: BF082715.D
Acq: 4 Nov 2015 22:08

Tgt Ion:165 Resp: 51417
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.0#
89 1.8 70.6 106.0#
182 0.0 1.5 2.3#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF082715.D

Acq: 4 Nov 2015 22:08

Instrument :

BNA_F

ClientSampleId :

SB-13(18-20)

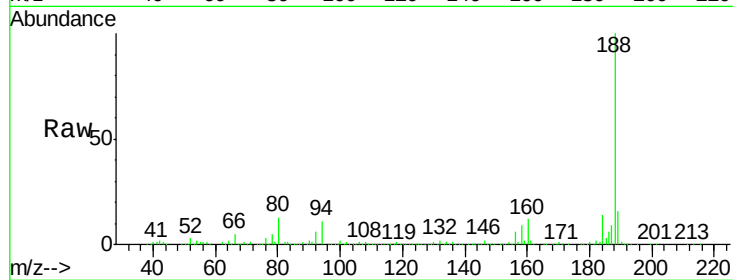
Tgt Ion:188 Resp: 634135

Ion Ratio Lower Upper

188 100

94 10.5 6.1 9.1#

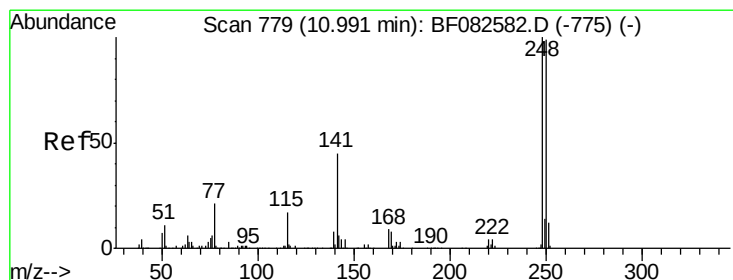
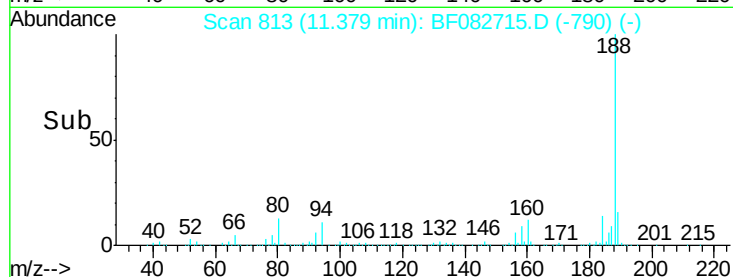
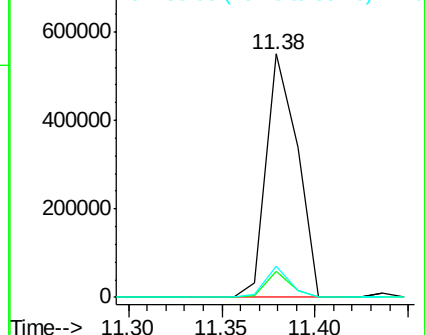
80 12.9 7.0 10.6#



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: 5.80 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.26 min

Lab File: BF082715.D

Acq: 4 Nov 2015 22:08

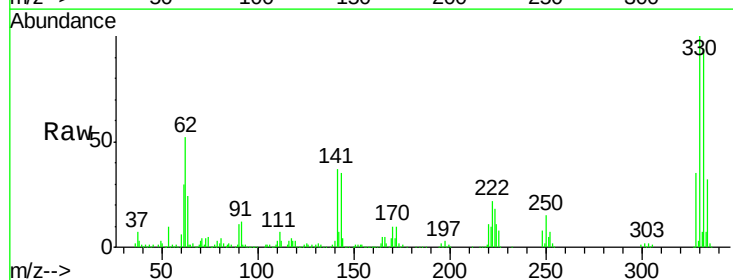
Tgt Ion:248 Resp: 41671

Ion Ratio Lower Upper

248 100

250 192.6 79.4 119.2#

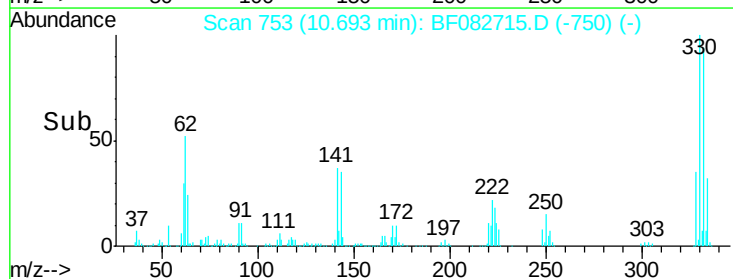
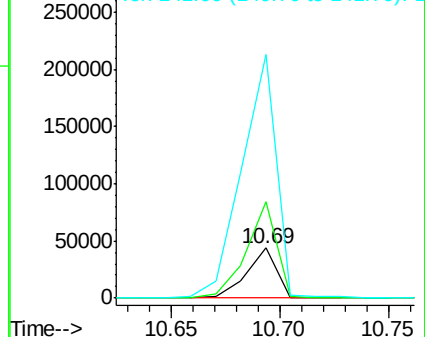
141 488.4 36.3 54.5#

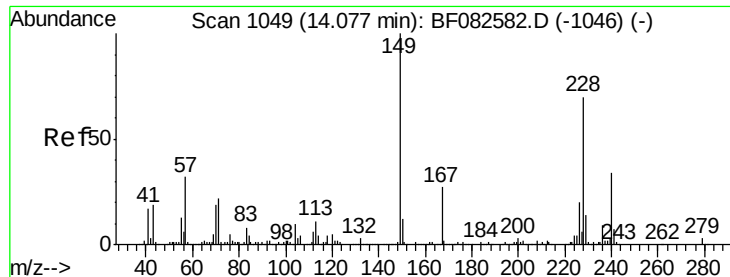


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF082715.D

Acq: 4 Nov 2015 22:08

Instrument :

BNA_F

ClientSampleId :

SB-13(18-20)

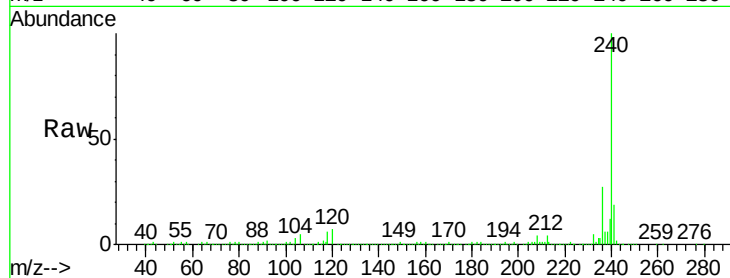
Tgt Ion:240 Resp: 636302

Ion Ratio Lower Upper

240 100

120 7.0 10.9 16.3#

236 26.9 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

1000000

800000

600000

400000

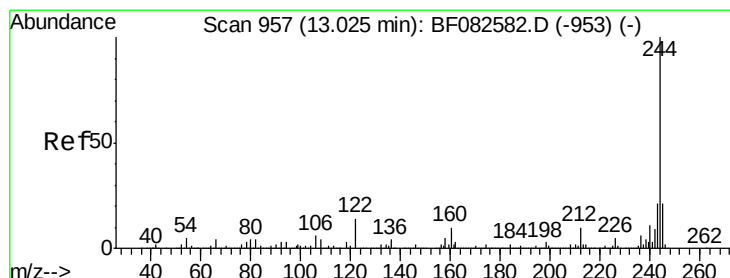
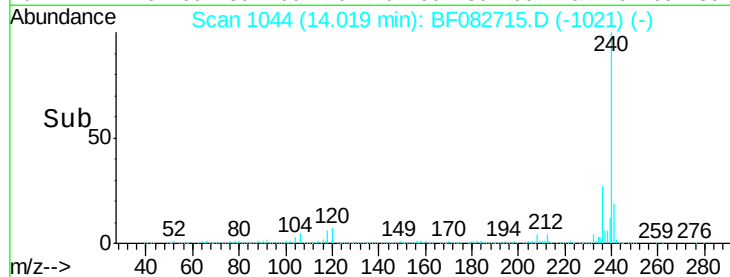
200000

0

14.02

13.90 14.00 14.10 14.20

Time-->



#78

Terphenyl-d14

Concen: 75.97 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082715.D

Acq: 4 Nov 2015 22:08

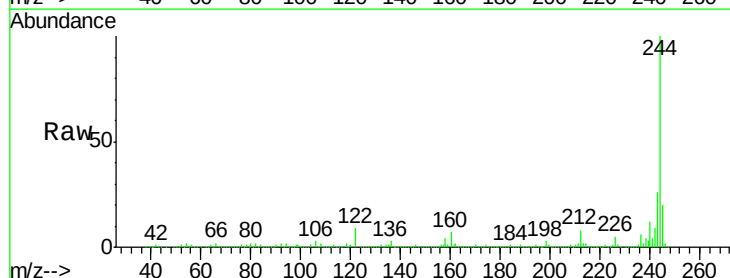
Tgt Ion:244 Resp: 2208823

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

122 9.3 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

2500000

2000000

1500000

1000000

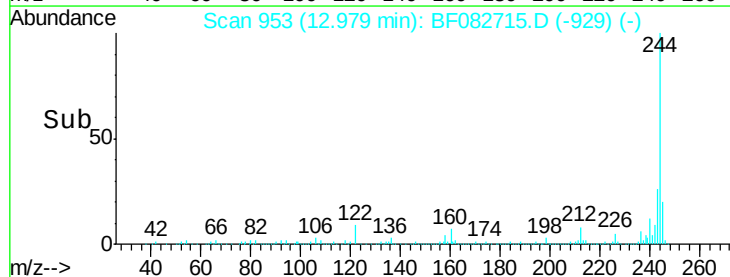
500000

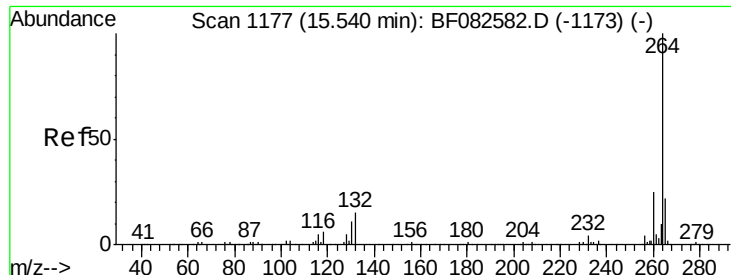
0

12.98

12.90 13.00 13.10

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF082715.D
Acq: 4 Nov 2015 22:08

Instrument :
BNA_F
ClientSampleId :
SB-13(18-20)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	21.9	17.4	26.0

