

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082906.D
 Acq On : 13 Nov 2015 19:29
 Operator : UM/IZ
 Sample : G4370-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-01

Quant Time: Nov 13 22:24:57 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

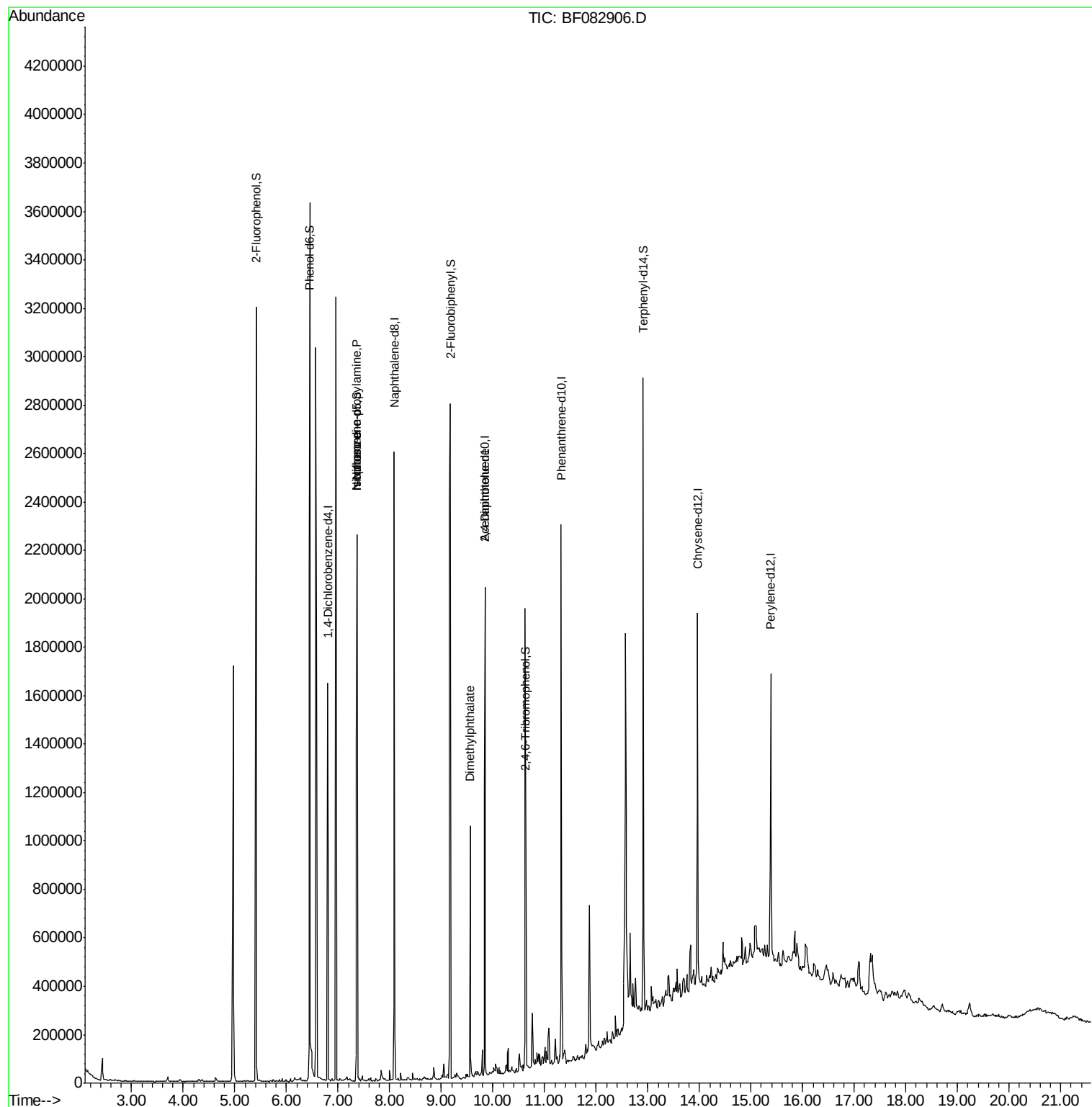
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	254768	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	989406	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	476615	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	722519	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	589600	20.00	ng	-0.06
86) Perylene-d12	15.38	264	584302	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1042370	63.66	ng	-0.03
7) Phenol-d6	6.45	99	1459824	67.06	ng	-0.02
23) Nitrobenzene-d5	7.37	82	934777	41.11	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	262929	48.11	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1235900	37.16	ng	-0.05
78) Terphenyl-d14	12.91	244	749836	30.16	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	123004	7.69	ng	# 63
25) Isophorone	7.37	82	908105	21.58	ng	# 70
49) Dimethylphthalate	9.56	163	352819	9.04	ng	98
56) 2,4-Dinitrotoluene	9.85	165	63297	5.60	ng	# 16

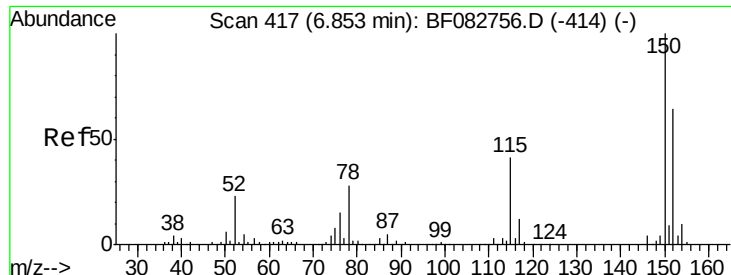
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF082906.D

Acq: 13 Nov 2015 19:29

Instrument :

BNA_F

ClientSampleId :

P001-TS003-01

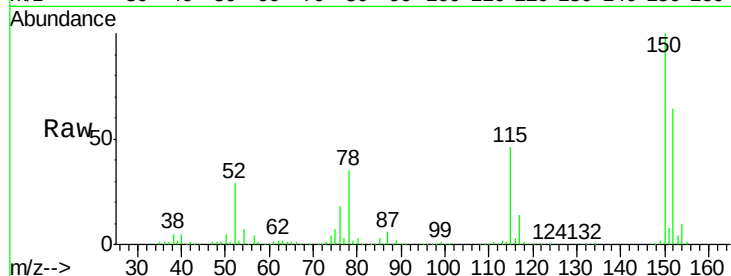
Tgt Ion:152 Resp: 254768

Ion Ratio Lower Upper

152 100

150 157.0 127.0 190.4

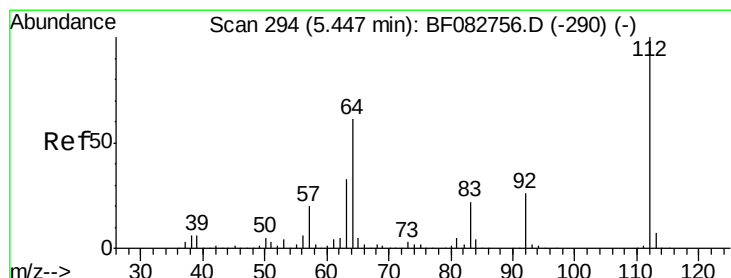
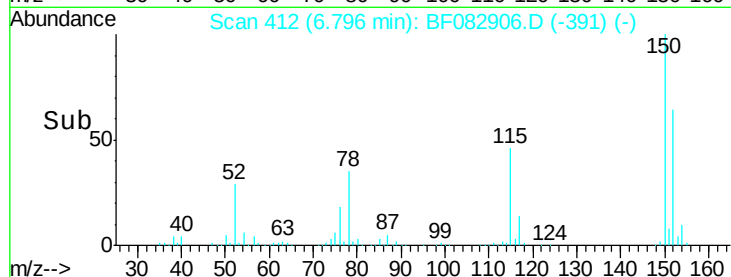
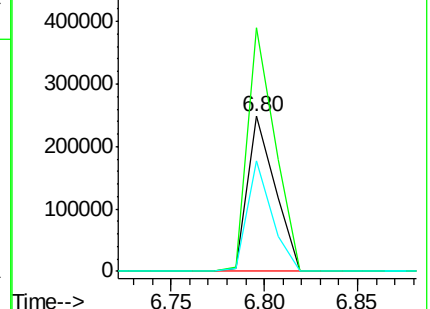
115 71.6 47.0 70.6#



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: 63.66 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF082906.D

Acq: 13 Nov 2015 19:29

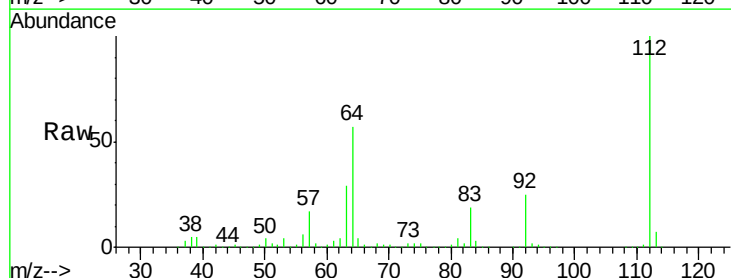
Tgt Ion:112 Resp: 1042370

Ion Ratio Lower Upper

112 100

64 57.3 48.9 73.3

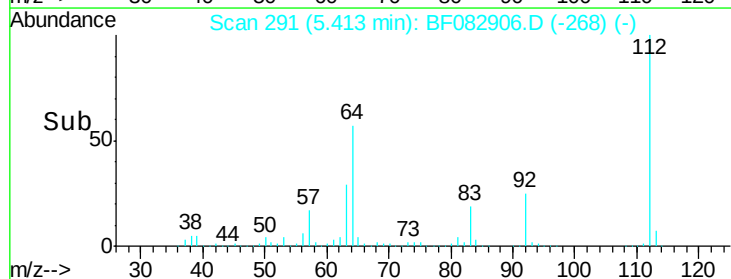
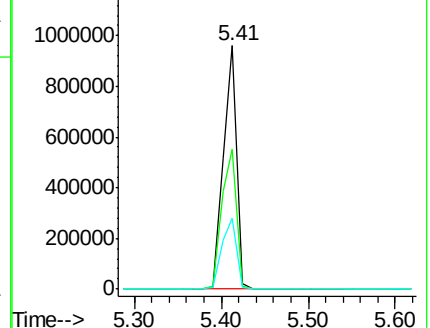
63 29.0 28.1 42.1

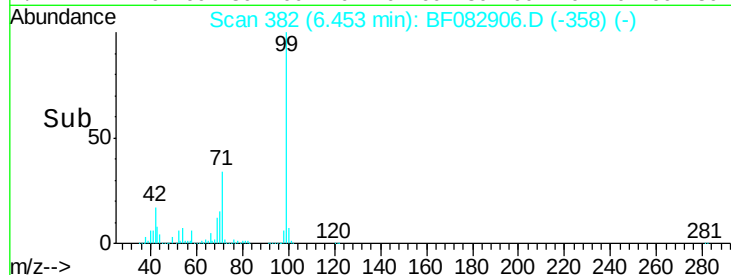
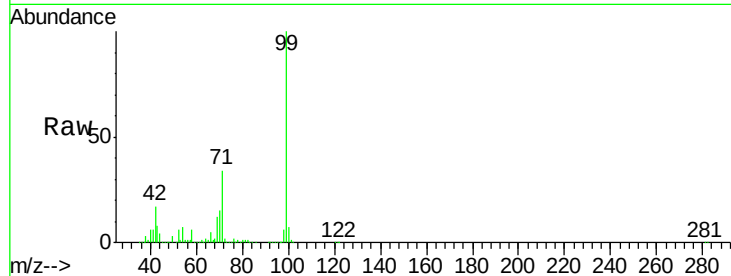
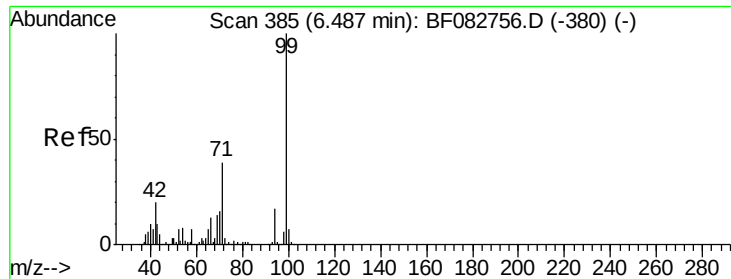


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 67.06 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082906.D

Acq: 13 Nov 2015 19:29

Instrument :

BNA_F

ClientSampleId :

P001-TS003-01

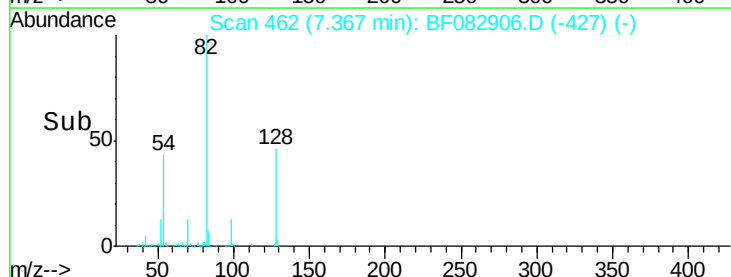
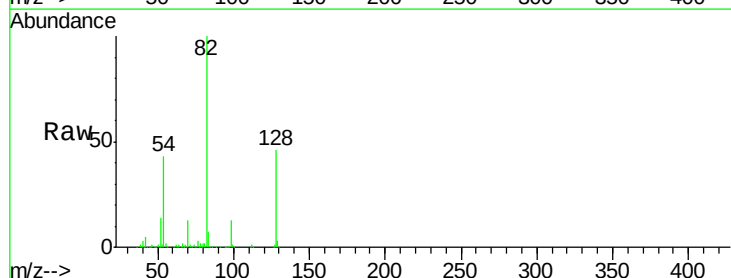
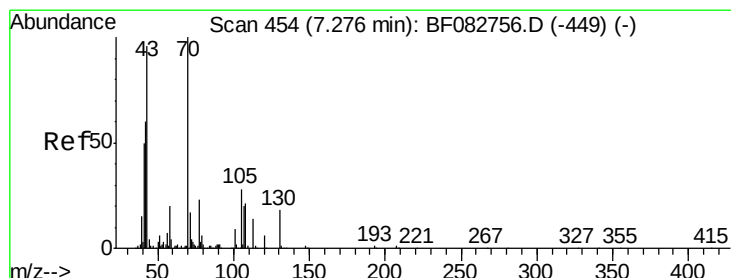
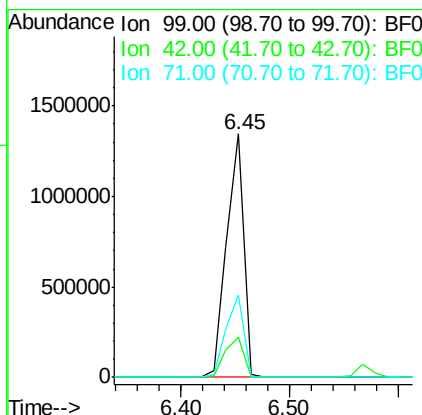
Tgt Ion: 99 Resp: 1459824

Ion Ratio Lower Upper

99 100

42 16.6 19.2 28.8#

71 33.6 35.0 52.4#



#19

n-Nitroso-di-n-propylamine

Concen: 7.69 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.10 min

Lab File: BF082906.D

Acq: 13 Nov 2015 19:29

Tgt Ion: 70 Resp: 123004

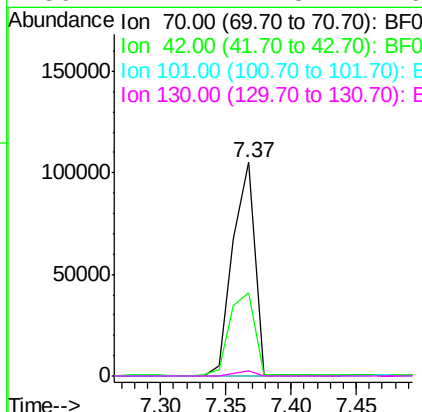
Ion Ratio Lower Upper

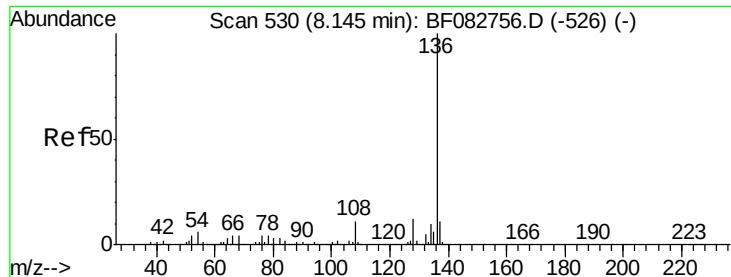
70 100

42 39.2 57.7 86.5#

101 0.0 7.0 10.6#

130 2.4 11.8 17.6#

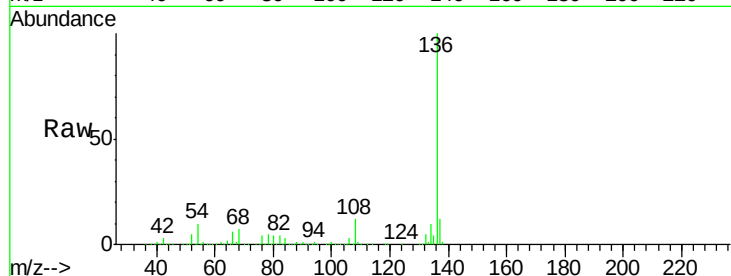




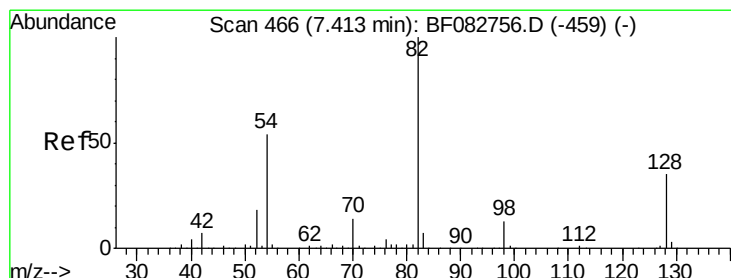
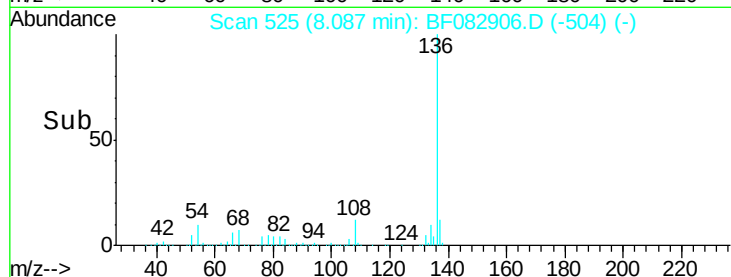
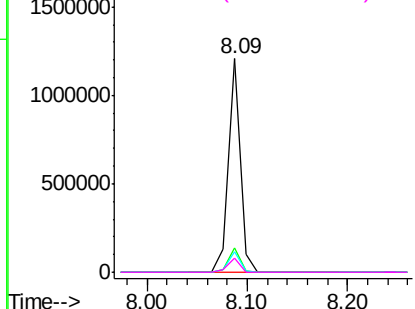
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082906.D
Acq: 13 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
P001-TS003-01

Tgt Ion:	136	Resp:	989406
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.7	9.1	13.7
68	6.8	4.8	7.2

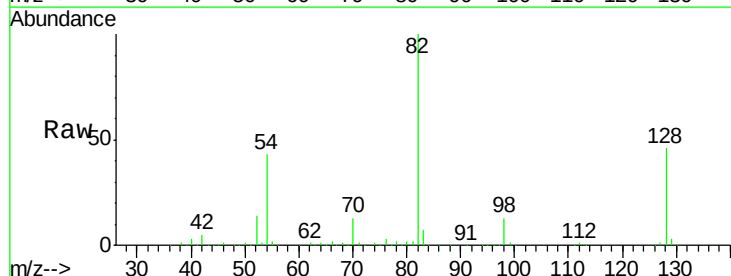


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

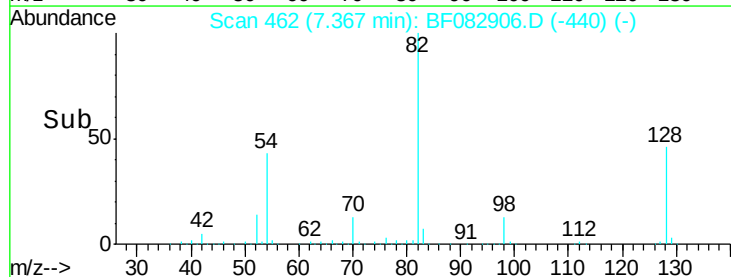
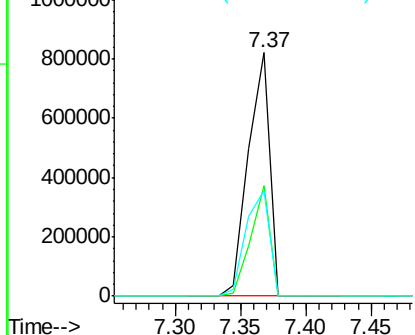


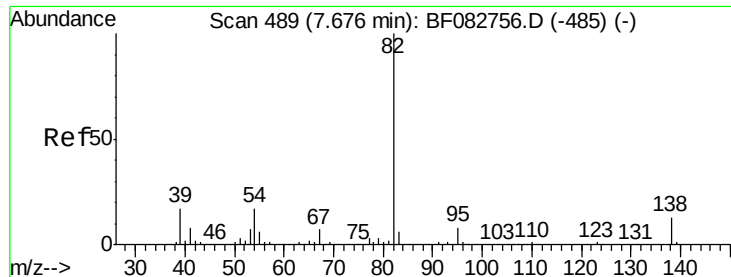
#23
Nitrobenzene-d5
Concen: 41.11 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF082906.D
Acq: 13 Nov 2015 19:29

Tgt Ion:	82	Resp:	934777
Ion	Ratio	Lower	Upper
82	100		
128	45.5	26.8	40.2#
54	43.3	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





#25

Isophorone

Concen: 21.58 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.31 min

Lab File: BF082906.D

Acq: 13 Nov 2015 19:29

Instrument :

BNA_F

ClientSampleId :

P001-TS003-01

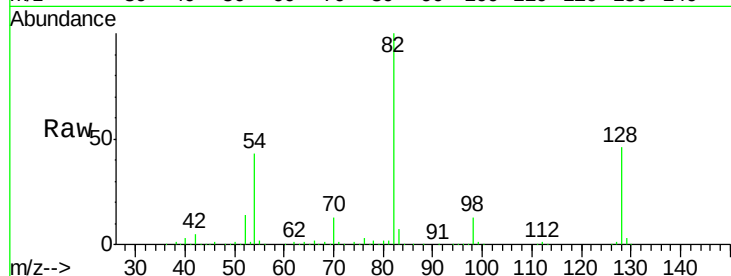
Tgt Ion: 82 Resp: 908105

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

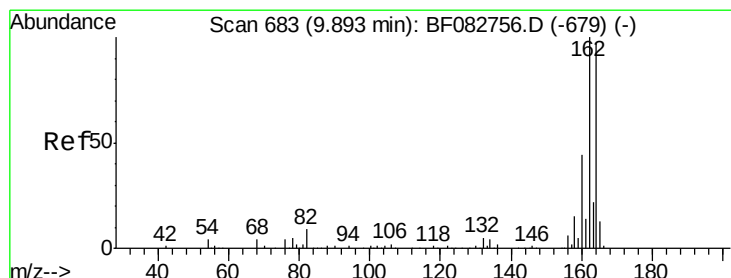
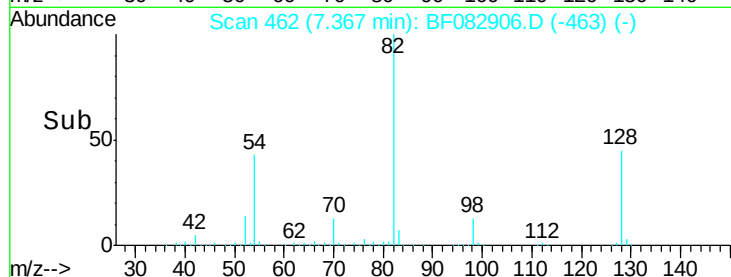
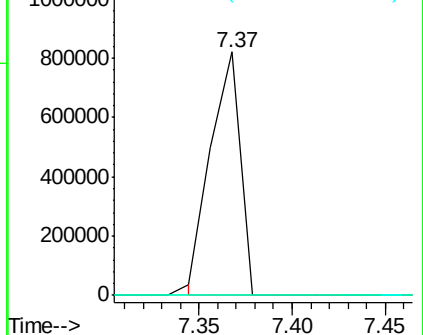
138 0.0 11.4 17.0#



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: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF082906.D

Acq: 13 Nov 2015 19:29

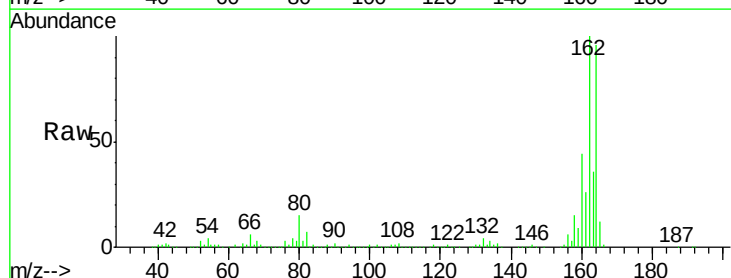
Tgt Ion: 164 Resp: 476615

Ion Ratio Lower Upper

164 100

162 104.1 84.9 127.3

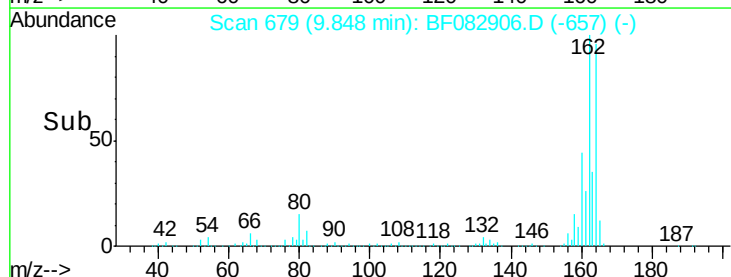
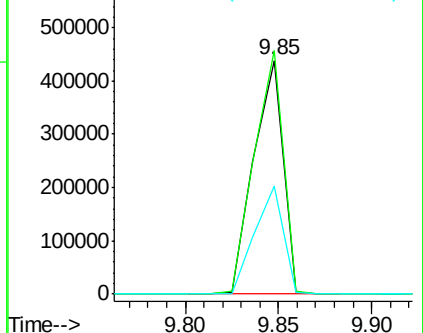
160 46.0 37.5 56.3

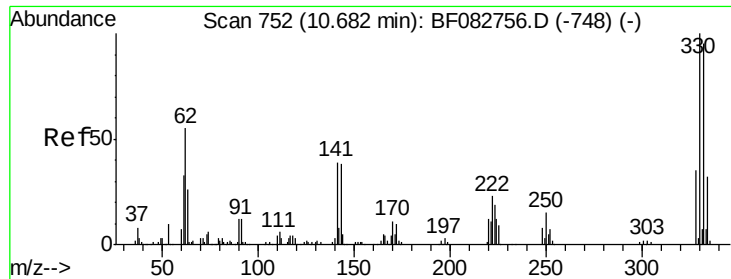


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

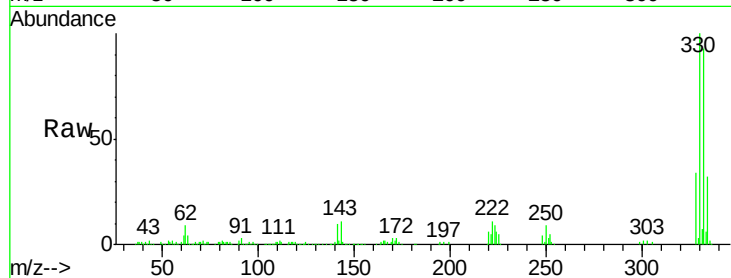




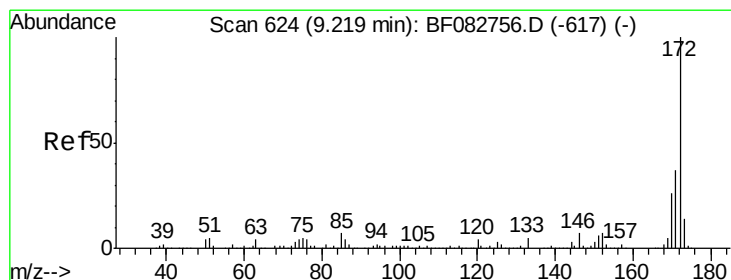
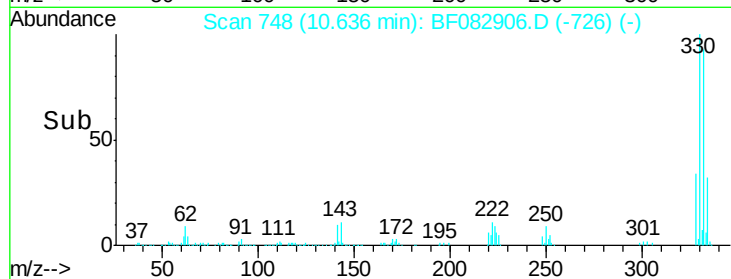
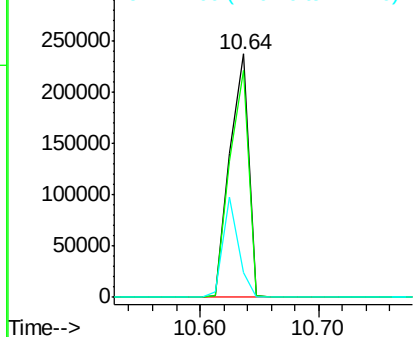
#41
 2,4,6-Tribromophenol
 Concen: 48.11 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082906.D
 Acq: 13 Nov 2015 19:29

Instrument :
 BNA_F
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 P001-TS003-01

Tgt Ion:330 Resp: 262929
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.6 114.8
 141 34.2 41.2 61.8#

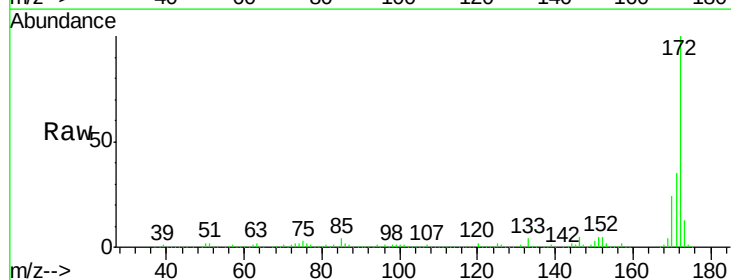


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

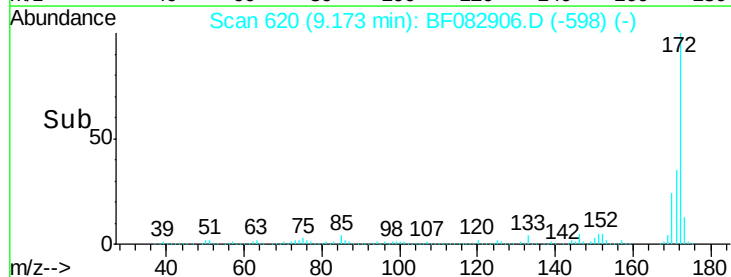
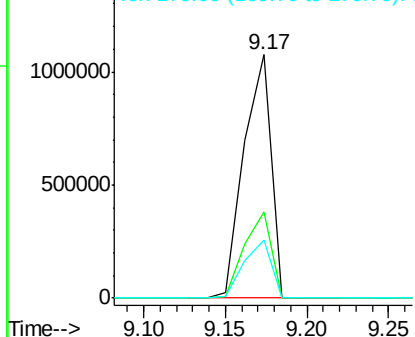


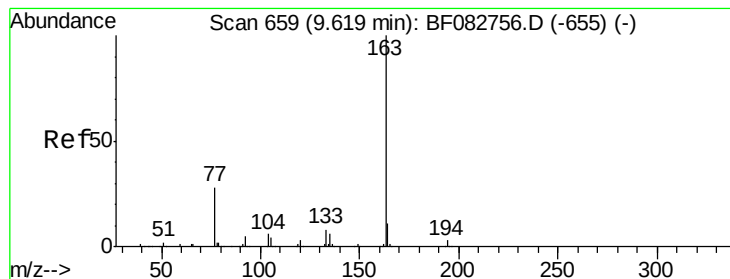
#44
 2-Fluorobiphenyl
 Concen: 37.16 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082906.D
 Acq: 13 Nov 2015 19:29

Tgt Ion:172 Resp: 1235900
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.8 46.2
 170 23.6 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: 9.04 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.06 min

Lab File: BF082906.D

Acq: 13 Nov 2015 19:29

Instrument :

BNA_F

ClientSampleId :

P001-TS003-01

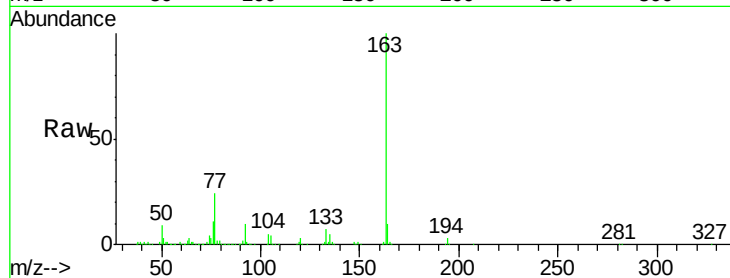
Tgt Ion:163 Resp: 352819

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

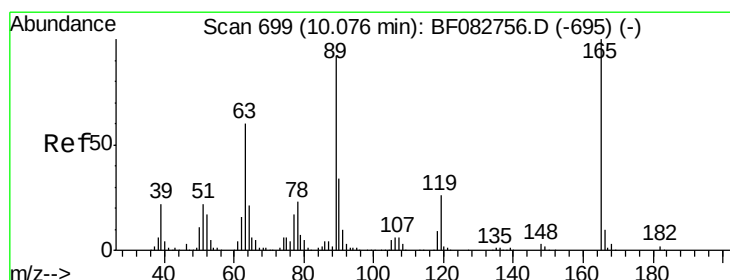
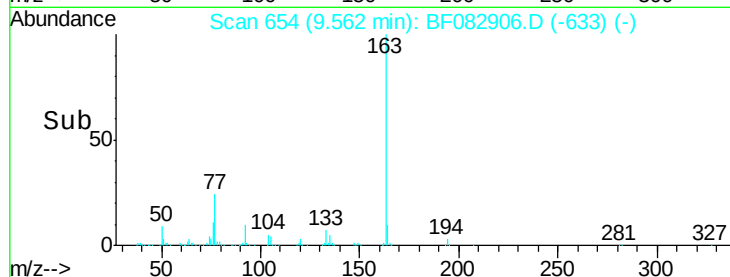
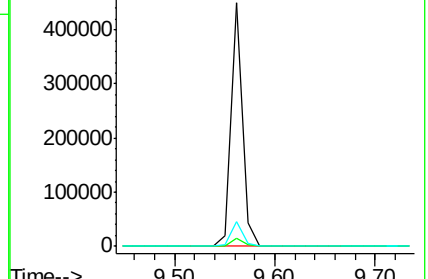
164 10.1 8.7 13.1



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: 5.60 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.23 min

Lab File: BF082906.D

Acq: 13 Nov 2015 19:29

Tgt Ion:165 Resp: 63297

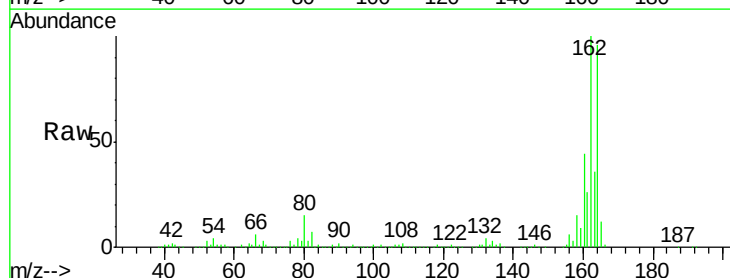
Ion Ratio Lower Upper

165 100

63 1.6 43.4 65.0#

89 1.8 70.6 106.0#

182 0.0 1.5 2.3#

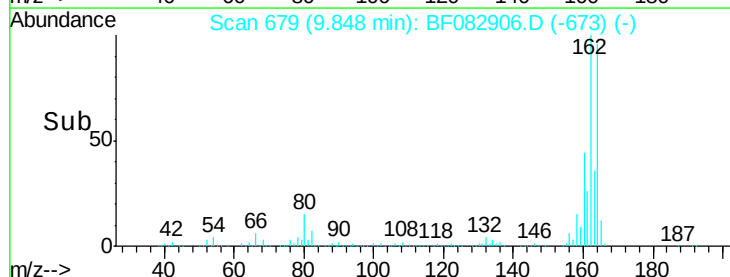
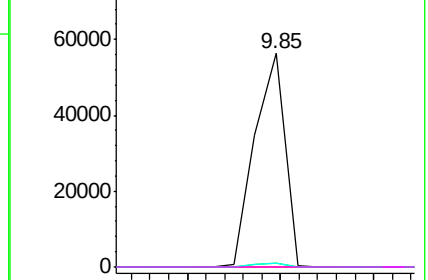


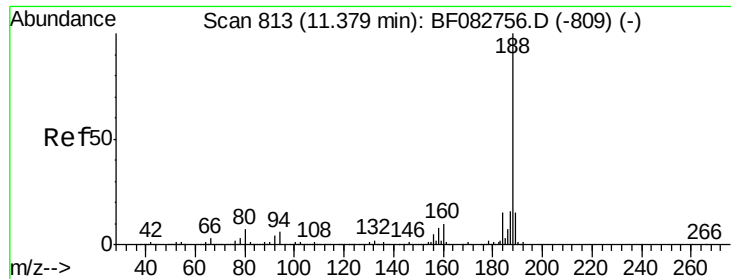
Abundance Ion 165.00 (164.70 to 165.70): E

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

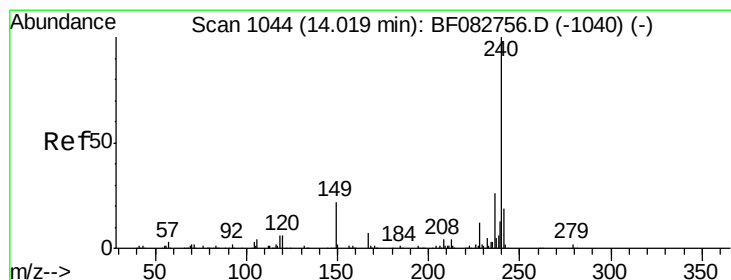
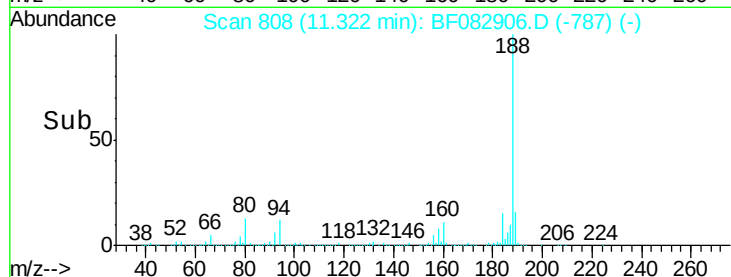
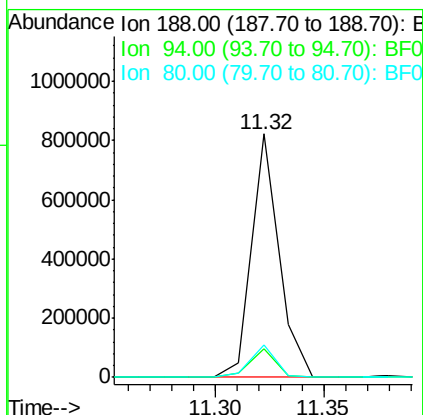
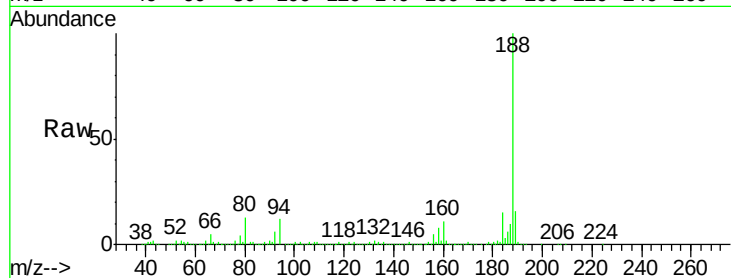




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF082906.D
Acq: 13 Nov 2015 19:29

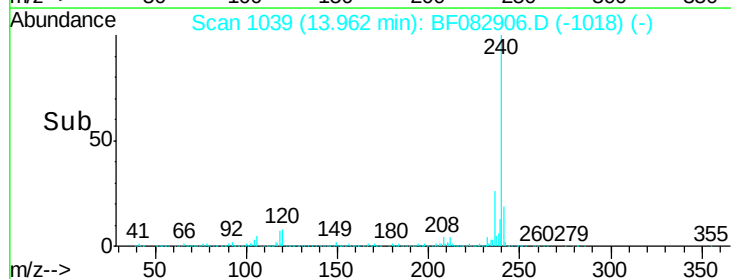
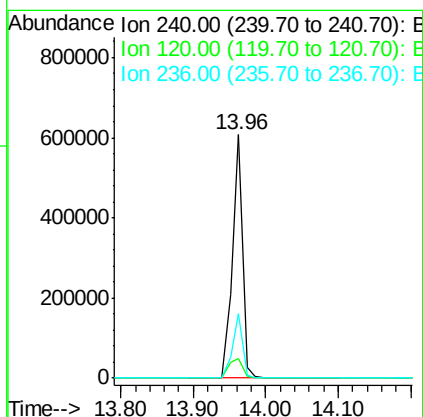
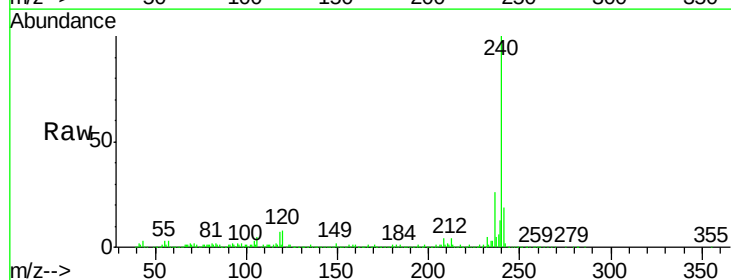
Instrument :
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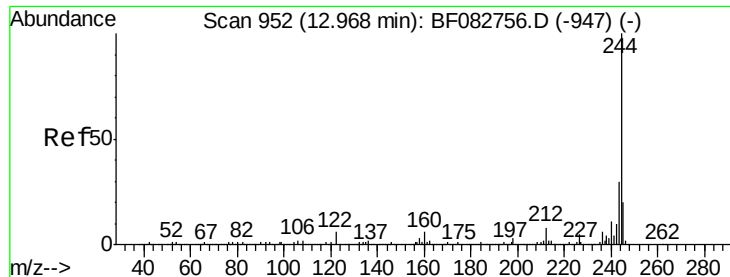
Tgt Ion:188 Resp: 722519
Ion Ratio Lower Upper
188 100
94 11.7 6.1 9.1#
80 13.1 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF082906.D
Acq: 13 Nov 2015 19:29

Tgt Ion:240 Resp: 589600
Ion Ratio Lower Upper
240 100
120 8.0 10.9 16.3#
236 26.4 21.6 32.4





#78

Terphenyl-d14

Concen: 30.16 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF082906.D

Acq: 13 Nov 2015 19:29

Instrument :

BNA_F

ClientSampleId :

P001-TS003-01

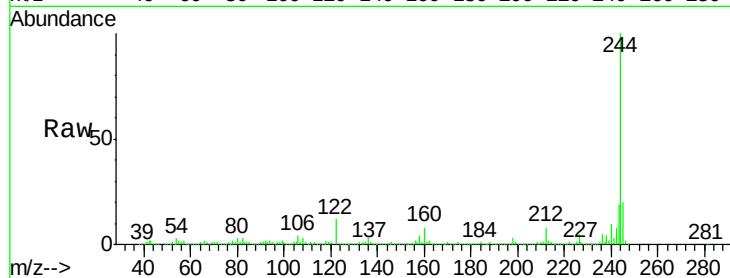
Tgt Ion:244 Resp: 749836

Ion Ratio Lower Upper

244 100

212 7.9 7.6 11.4

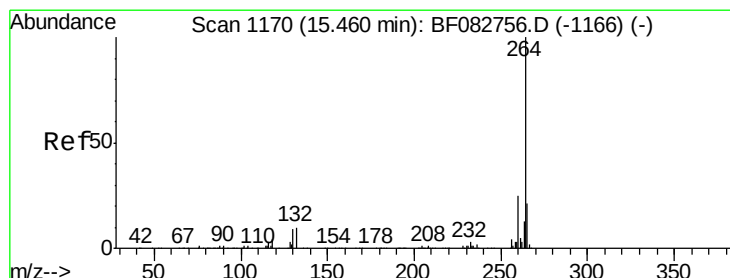
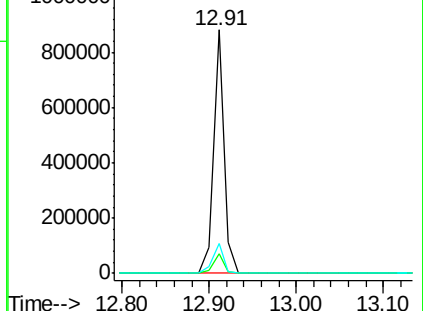
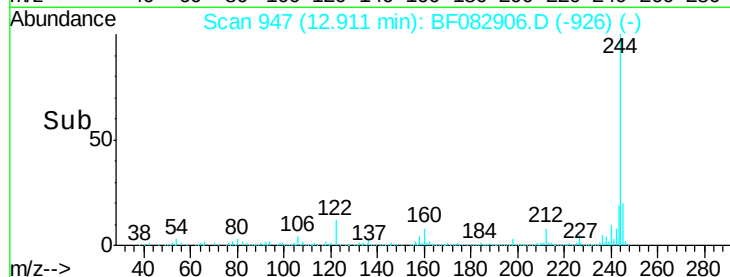
122 12.0 11.3 16.9



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: 15.38 min Scan# 1163

Delta R.T. -0.08 min

Lab File: BF082906.D

Acq: 13 Nov 2015 19:29

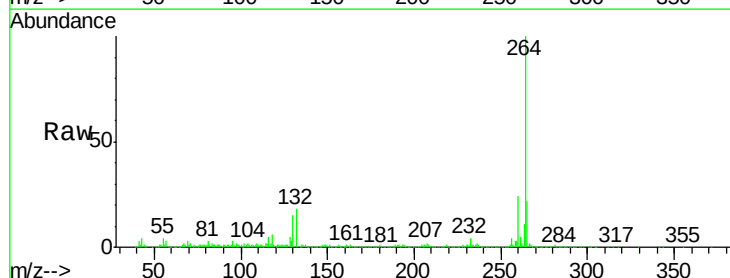
Tgt Ion:264 Resp: 584302

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 22.3 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

