

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082841.D
 Acq On : 9 Nov 2015 20:53
 Operator : UM/IZ
 Sample : G4303-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPNT3

Quant Time: Nov 10 02:53:19 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

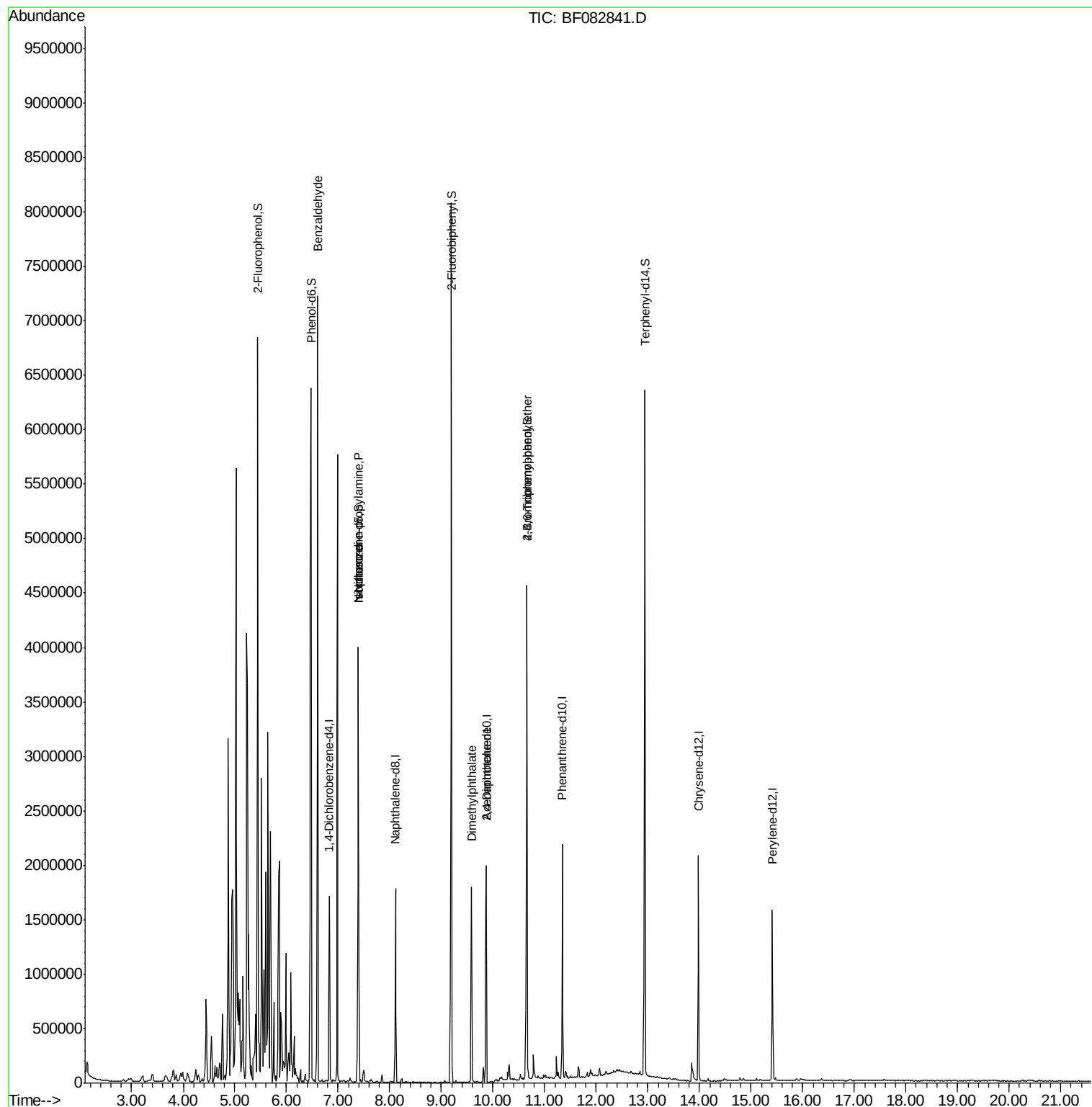
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	251413	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	883640	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	480137	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	807995	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	817715	20.00	ng	-0.03
86) Perylene-d12	15.41	264	721900	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1891190	117.04	ng	0.00
7) Phenol-d6	6.48	99	2980228	138.74	ng	0.00
23) Nitrobenzene-d5	7.39	82	1672926	82.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	673481	122.33	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2631656	78.56	ng	-0.02
78) Terphenyl-d14	12.94	244	2675531	77.61	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	58161	4.90	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.39	70	230533	14.60	ng	# 69
25) Isophorone	7.39	82	1621496	43.15	ng	# 70
49) Dimethylphthalate	9.58	163	674861	17.16	ng	99
56) 2,4-Dinitrotoluene	9.87	165	61884	5.43	ng	# 15
66) 4-Bromophenyl-phenylether	10.66	248	48053	4.94	ng	# 1

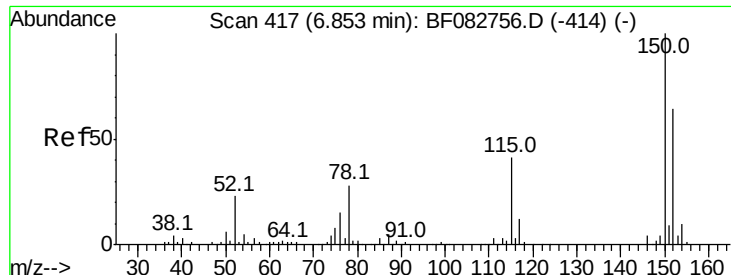
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082841.D

Acq: 9 Nov 2015 20:53

Instrument :

BNA_F

ClientSampleId :

TPNT3

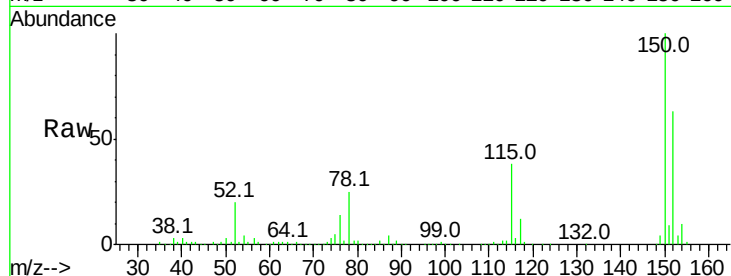
Tot Ion:152 Resp: 251413

Ion Ratio Lower Upper

152 100

150 157.5 127.0 190.4

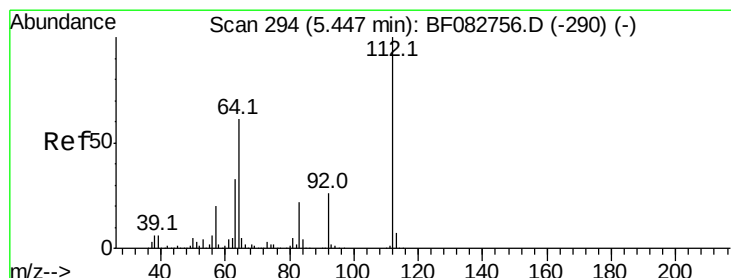
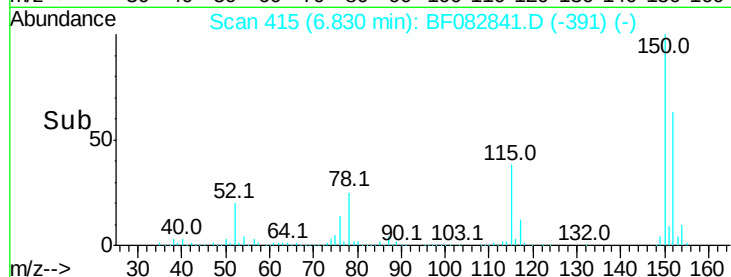
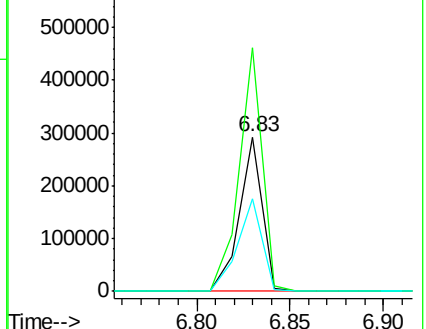
115 60.0 47.0 70.6



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: 117.04 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082841.D

Acq: 9 Nov 2015 20:53

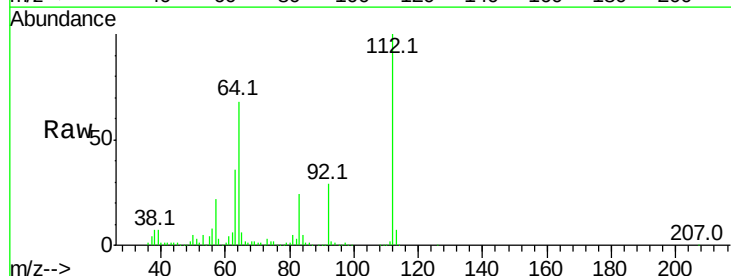
Tgt Ion:112 Resp: 1891190

Ion Ratio Lower Upper

112 100

64 68.0 48.9 73.3

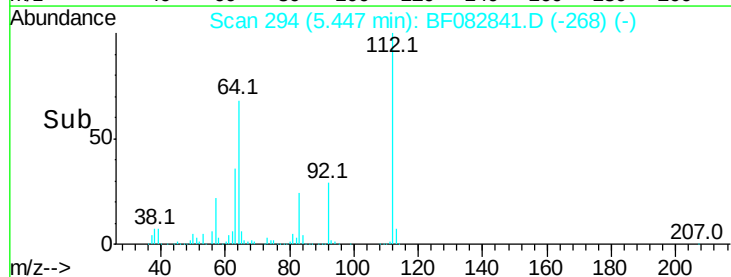
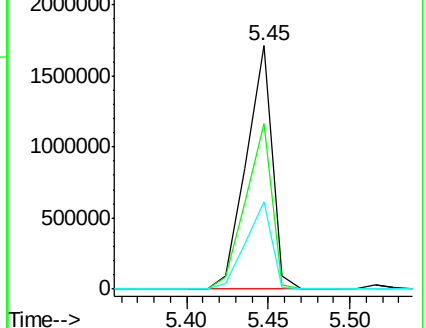
63 36.0 28.1 42.1

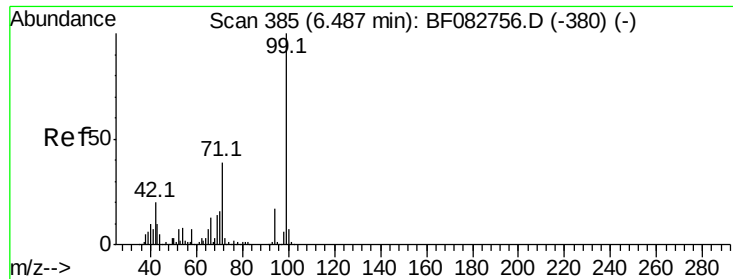


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.74 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF082841.D

Acq: 9 Nov 2015 20:53

Instrument :

BNA_F

ClientSampleId :

TPNT3

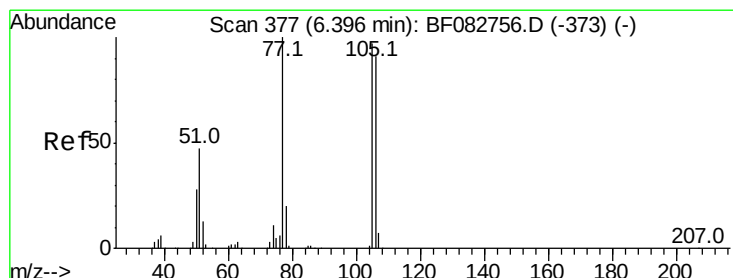
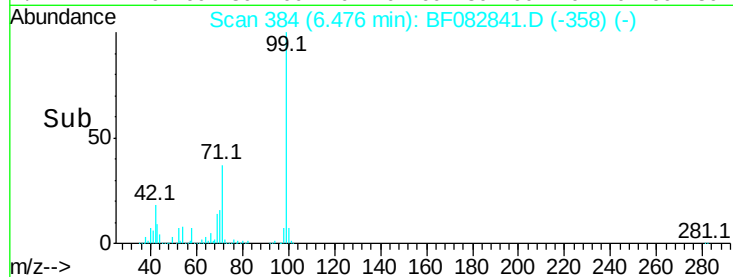
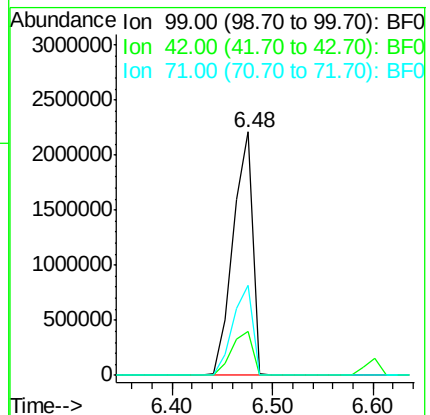
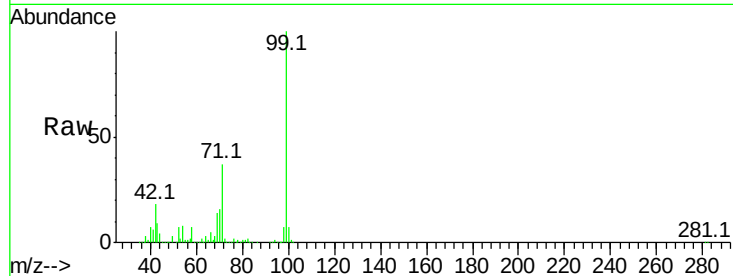
Tot Ion: 99 Resp: 2980228

Ion Ratio Lower Upper

99 100

42 18.2 19.2 28.8#

71 36.9 35.0 52.4



#9

Benzaldehyde

Concen: 4.90 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.21 min

Lab File: BF082841.D

Acq: 9 Nov 2015 20:53

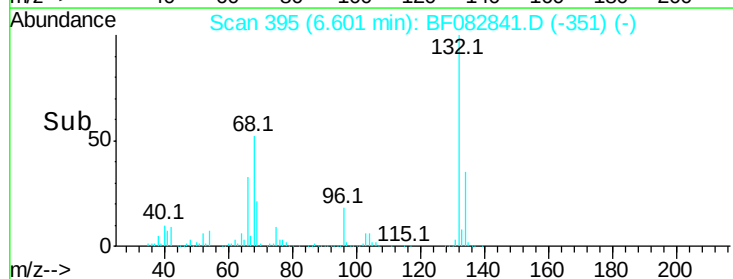
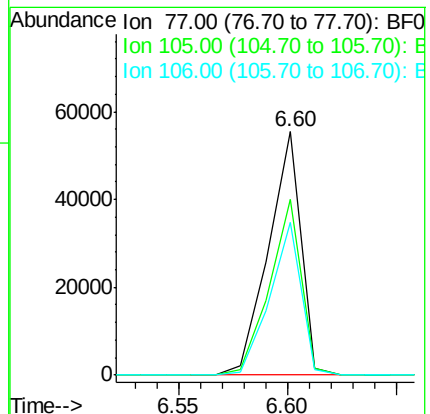
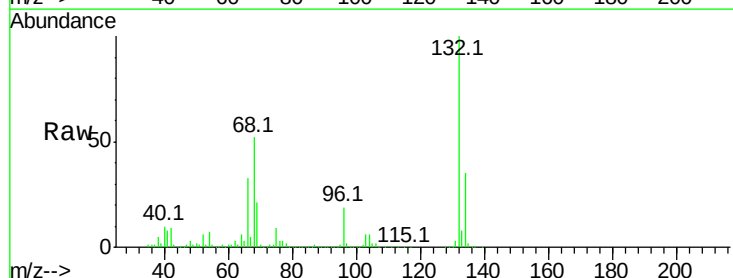
Tgt Ion: 77 Resp: 58161

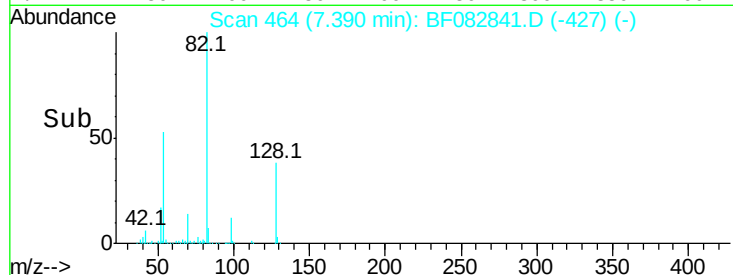
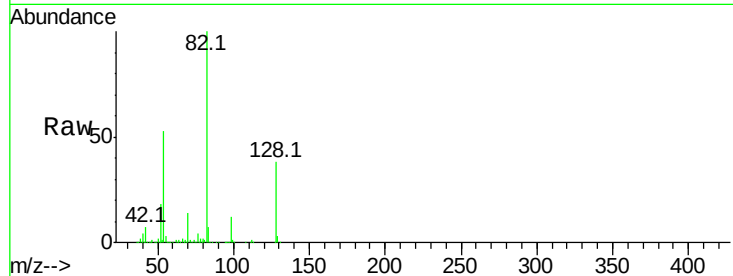
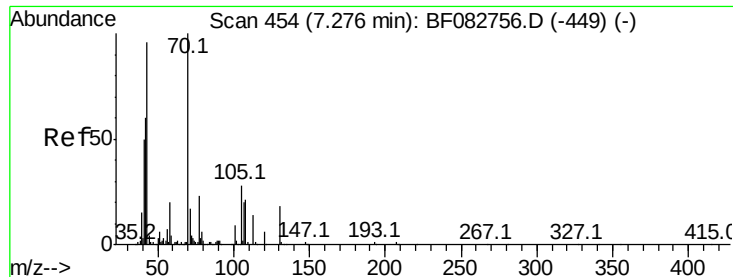
Ion Ratio Lower Upper

77 100

105 72.1 63.5 103.5

106 62.7 59.3 99.3

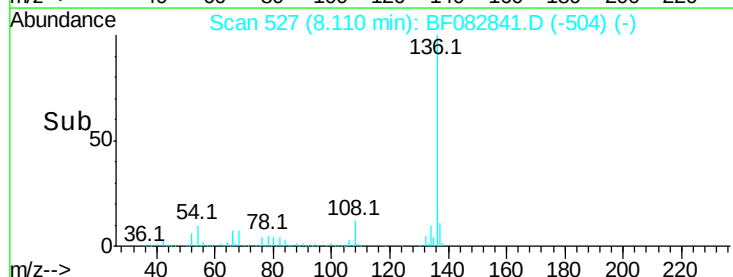
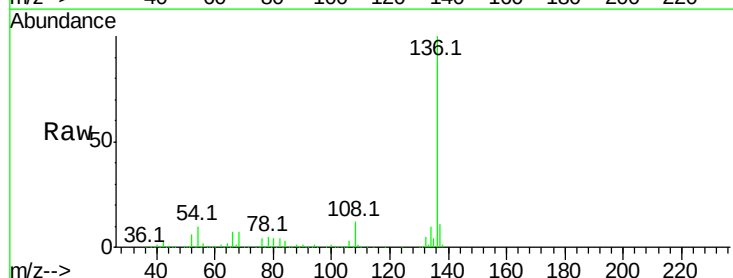
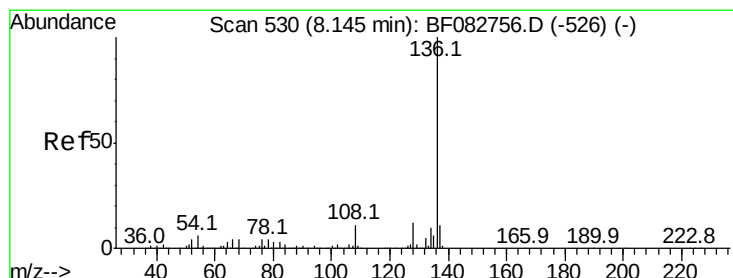
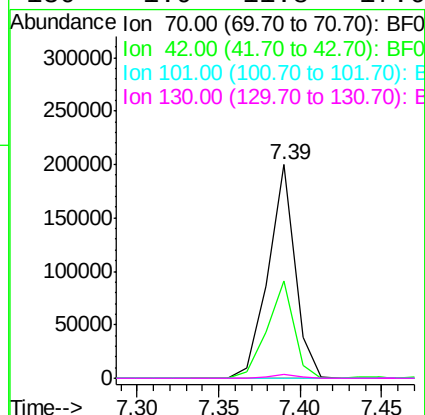




#19
n-Nitroso-di-n-propylamine
Concen: 14.60 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.13 min
Lab File: BF082841.D
Acq: 9 Nov 2015 20:53

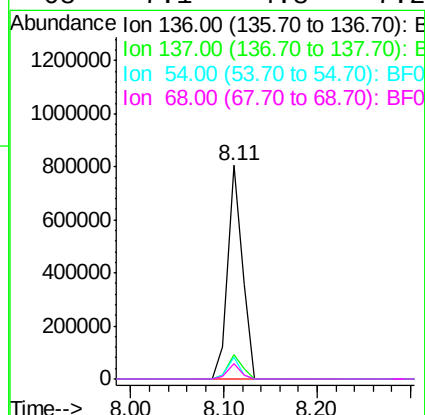
Instrument :
BNA_F
ClientSampleId :
TPNT3

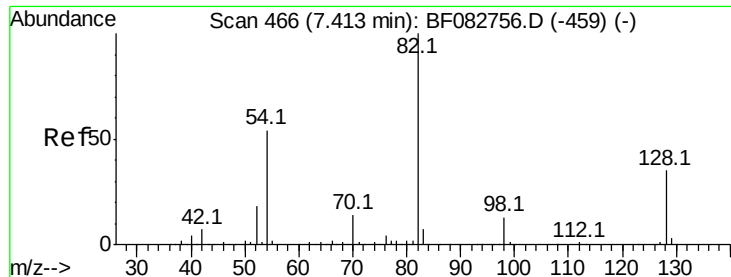
Tot Ion:	70	Resp:	230533
Ion	Ratio	Lower	Upper
70	100		
42	45.8	57.7	86.5#
101	0.0	7.0	10.6#
130	1.9	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF082841.D
Acq: 9 Nov 2015 20:53

Tgt Ion:	136	Resp:	883640
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.4	9.1	13.7
68	7.1	4.8	7.2

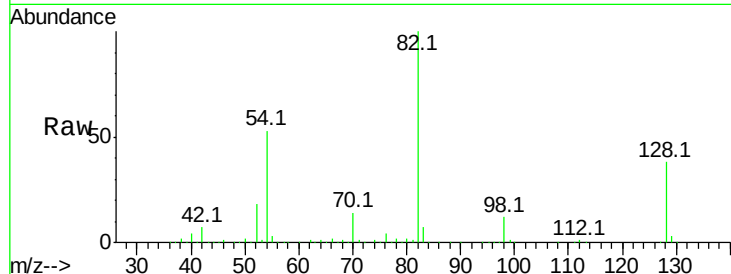




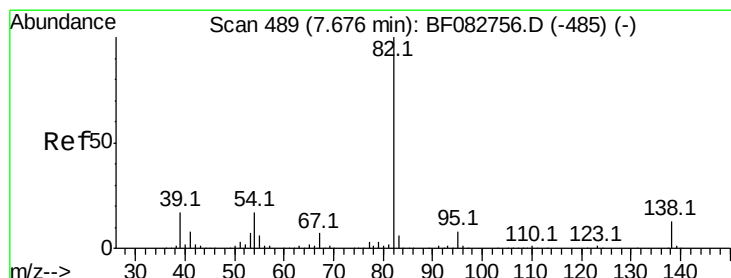
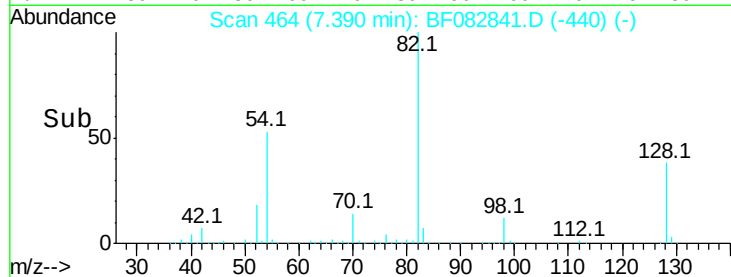
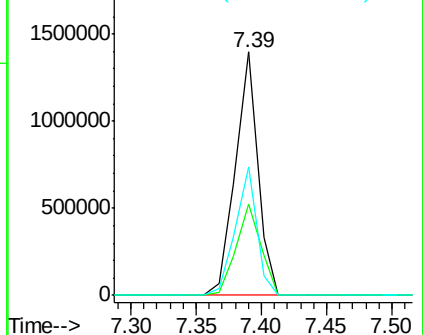
#23
Nitrobenzene-d5
Concen: 82.38 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF082841.D
Acq: 9 Nov 2015 20:53

Instrument :
BNA_F
ClientSampleId :
TPNT3

Tot Ion: 82 Resp: 1672926
Ion Ratio Lower Upper
82 100
128 37.5 26.8 40.2
54 52.9 45.7 68.5

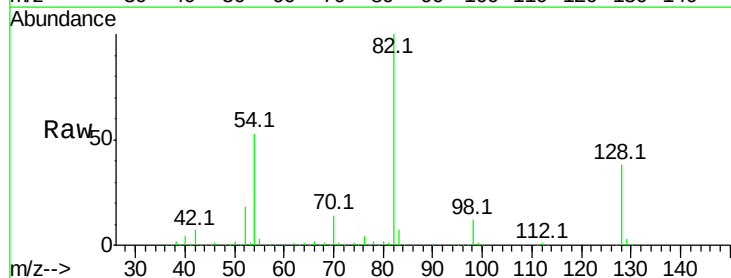


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

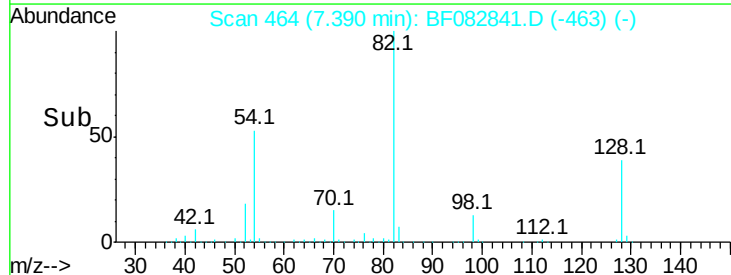
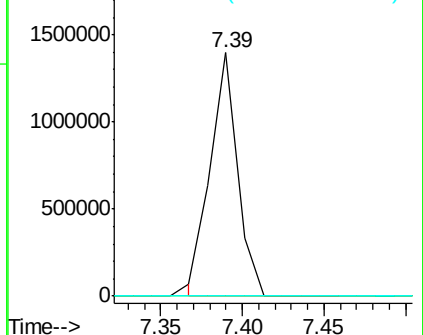


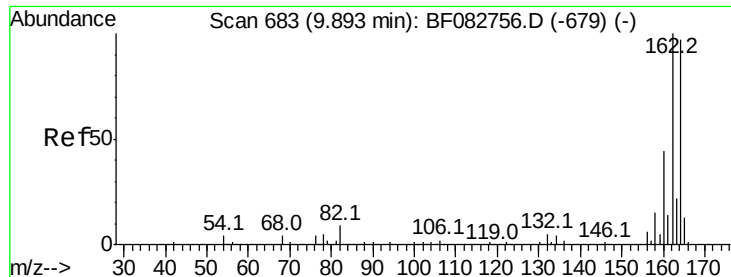
#25
Isophorone
Concen: 43.15 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.29 min
Lab File: BF082841.D
Acq: 9 Nov 2015 20:53

Tgt Ion: 82 Resp: 1621496
Ion Ratio Lower Upper
82 100
95 0.1 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

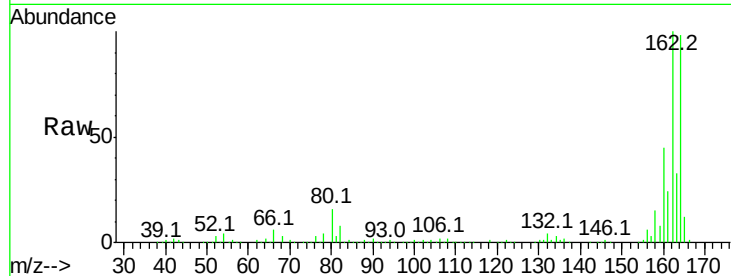




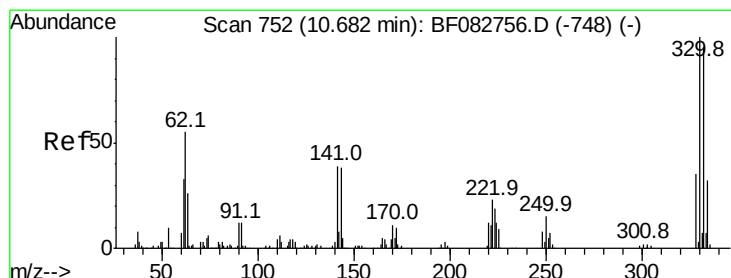
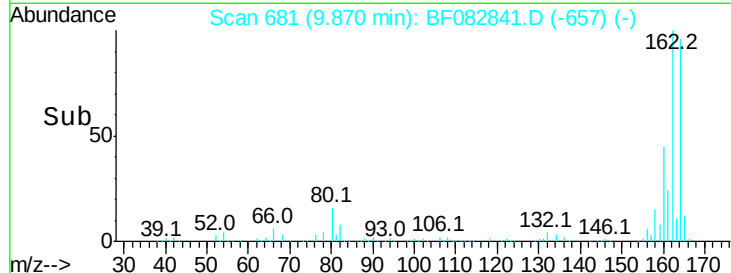
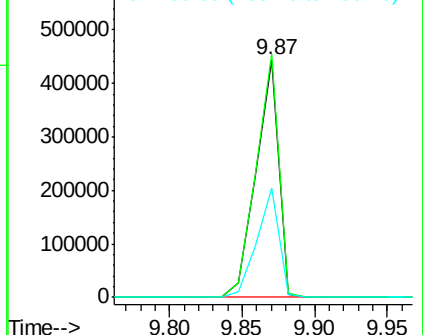
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF082841.D
Acq: 9 Nov 2015 20:53

Instrument :
BNA_F
ClientSampleId :
TPNT3

Tot Ion:164 Resp: 480137
Ion Ratio Lower Upper
164 100
162 102.4 84.9 127.3
160 45.8 37.5 56.3

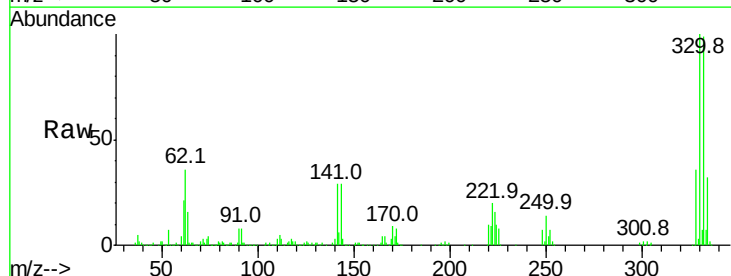


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

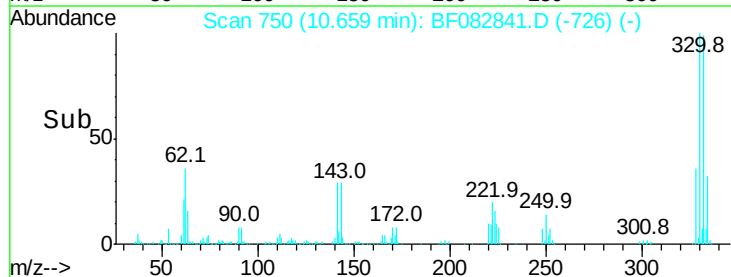
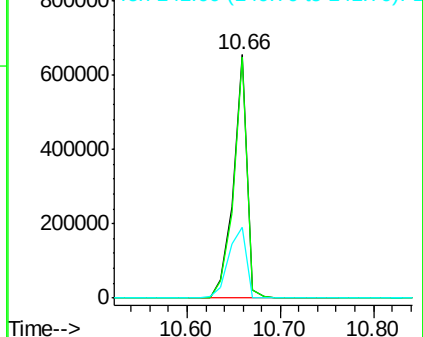


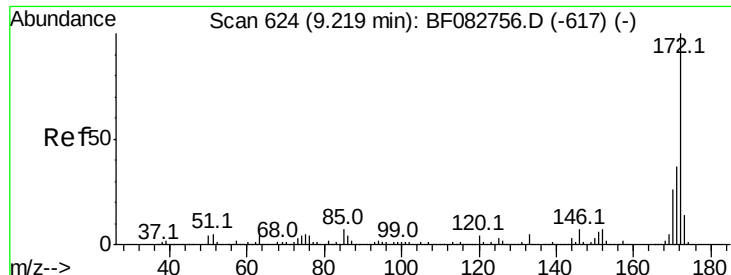
#41
2,4,6-Tribromophenol
Concen: 122.33 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF082841.D
Acq: 9 Nov 2015 20:53

Tgt Ion:330 Resp: 673481
Ion Ratio Lower Upper
330 100
332 97.5 76.6 114.8
141 38.1 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



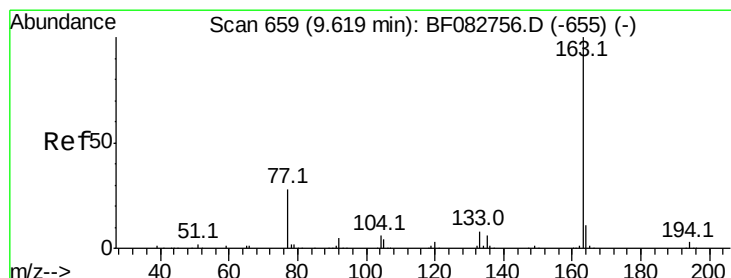
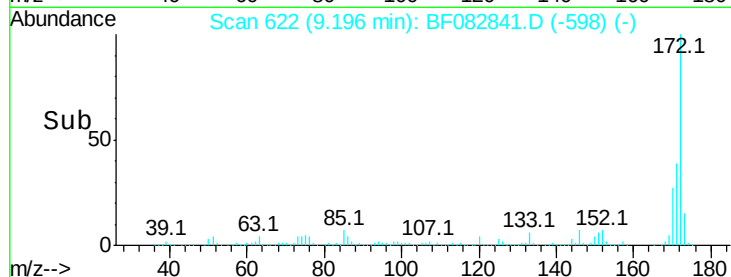
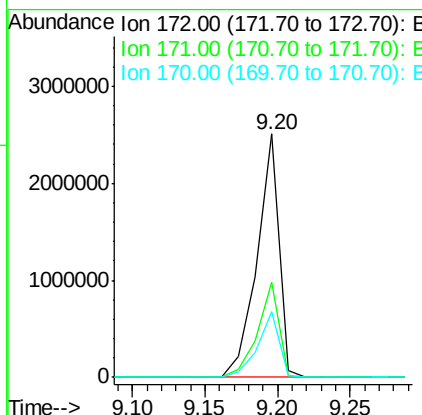
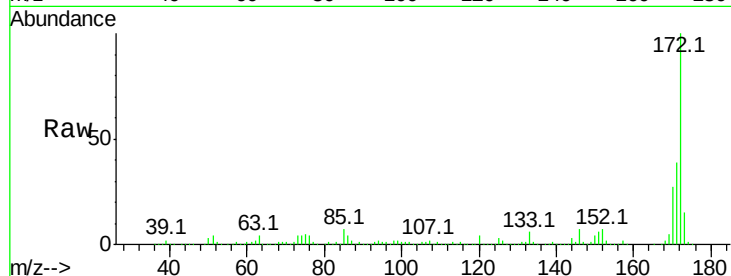


#44
 2-Fluorobiphenyl
 Concen: 78.56 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082841.D
 Acq: 9 Nov 2015 20:53

Instrument :
 BNA_F
 ClientSampleId :
 TPNT3

Tot Ion:172 Resp: 2631656

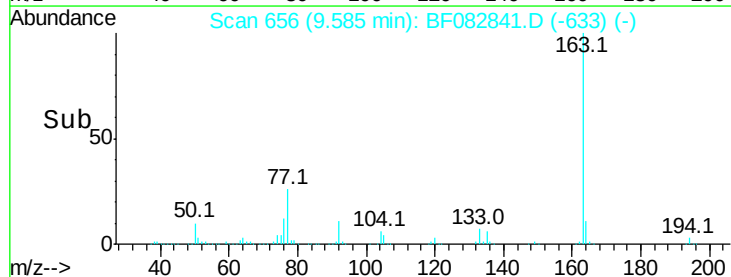
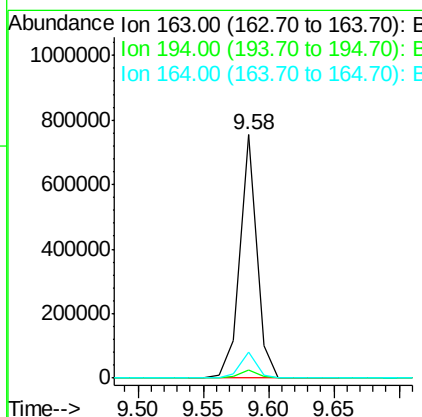
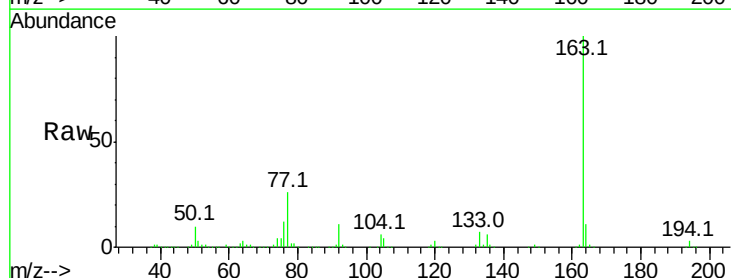
Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.8	46.2
170	27.1	21.2	31.8

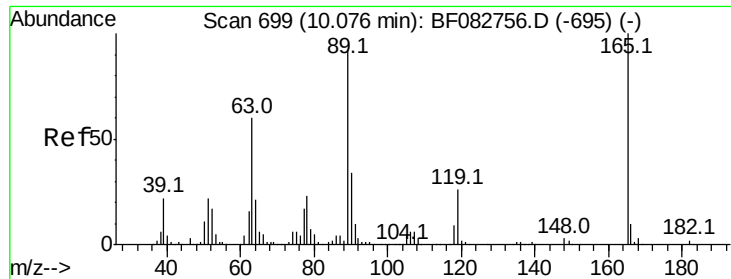


#49
 Dimethylphthalate
 Concen: 17.16 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF082841.D
 Acq: 9 Nov 2015 20:53

Tgt Ion:163 Resp: 674861

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.6	8.7	13.1





#56

2,4-Dinitrotoluene

Concen: 5.43 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.21 min

Lab File: BF082841.D

Acq: 9 Nov 2015 20:53

Instrument :

BNA_F

ClientSampleId :

TPNT3

Tot Ion:165 Resp: 61884

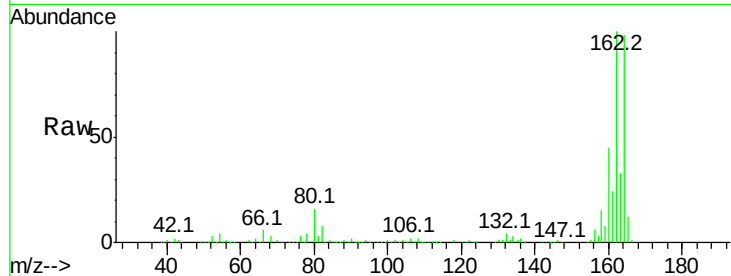
Ion Ratio Lower Upper

165 100

63 1.7 43.4 65.0#

89 1.4 70.6 106.0#

182 0.0 1.5 2.3#

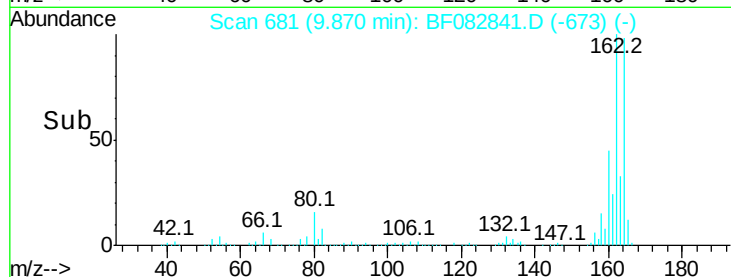


Abundance Ion 165.00 (164.70 to 165.70): E

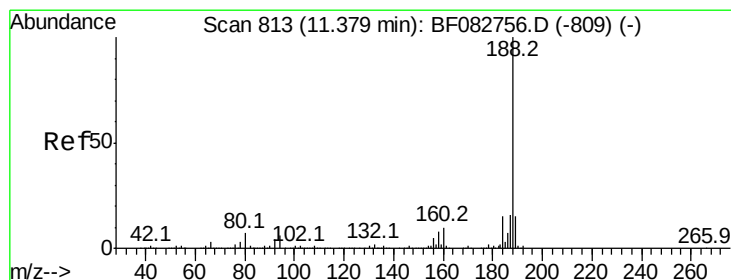
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF082841.D

Acq: 9 Nov 2015 20:53

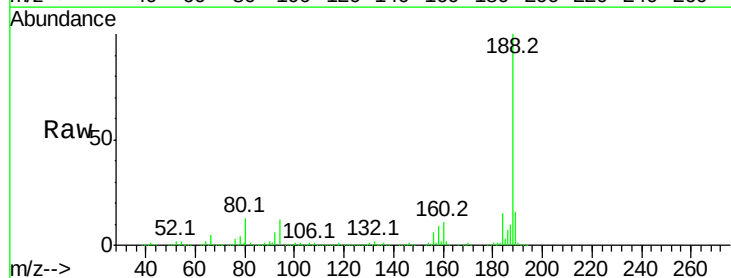
Tgt Ion:188 Resp: 807995

Ion Ratio Lower Upper

188 100

94 11.8 6.1 9.1#

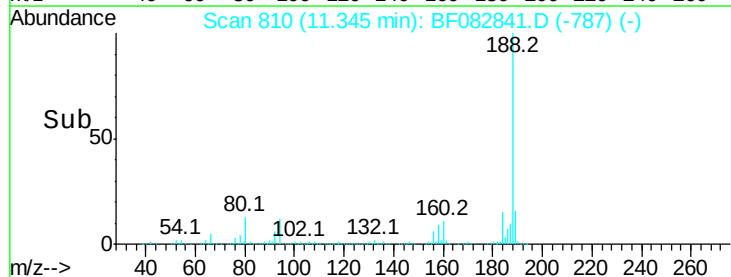
80 13.4 7.0 10.6#



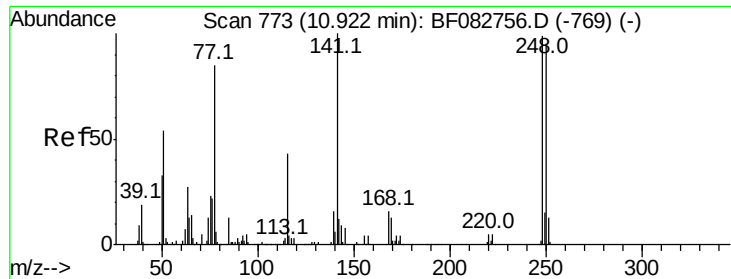
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



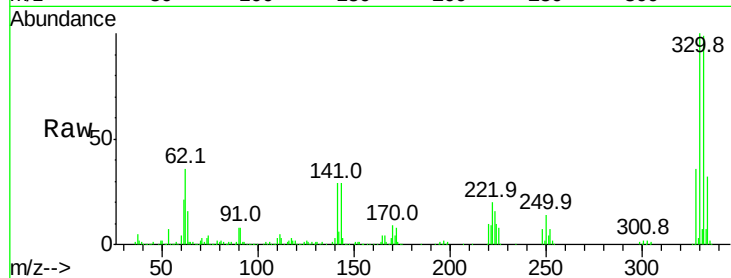
Time-->



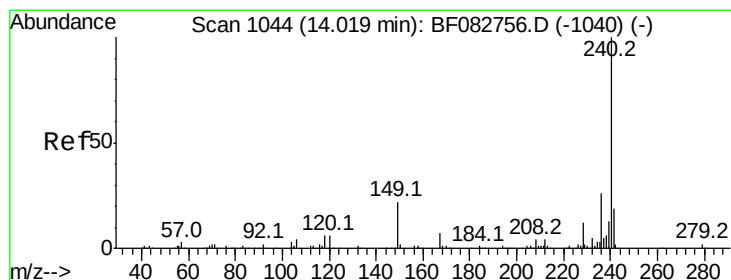
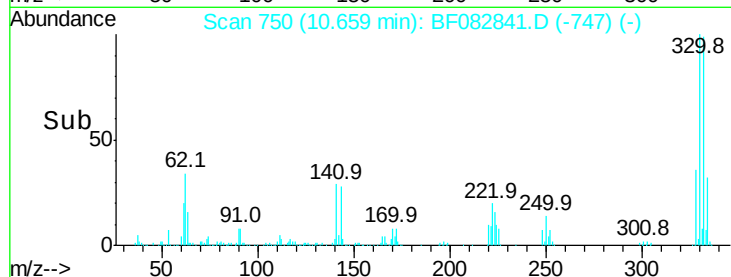
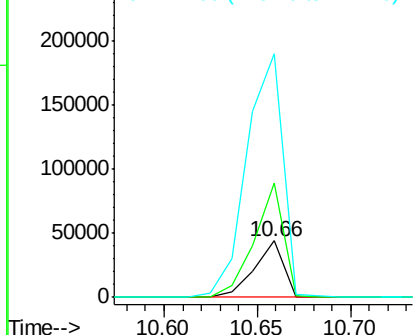
#66
4-Bromophenyl-phenylether
Concen: 4.94 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.26 min
Lab File: BF082841.D
Acq: 9 Nov 2015 20:53

Instrument :
BNA_F
ClientSampled :
TPNT3

Tot Ion:248 Resp: 48053
Ion Ratio Lower Upper
248 100
250 203.2 79.4 119.2#
141 432.4 36.3 54.5#

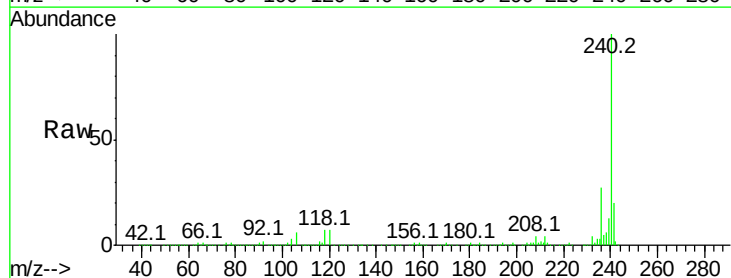


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

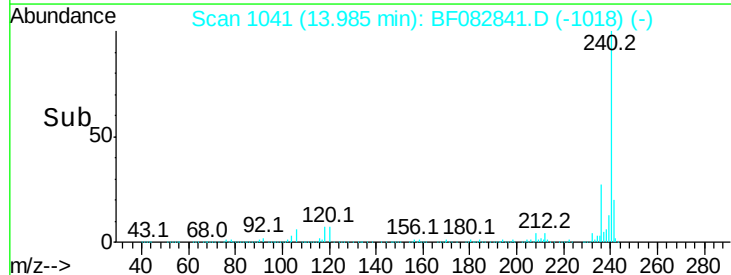
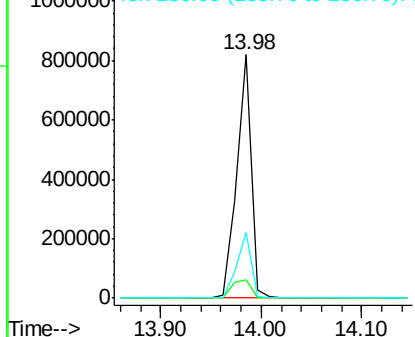


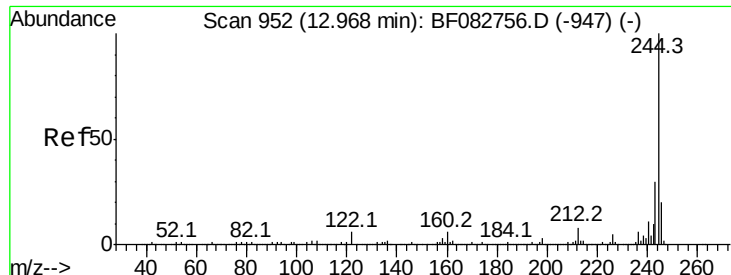
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF082841.D
Acq: 9 Nov 2015 20:53

Tgt Ion:240 Resp: 817715
Ion Ratio Lower Upper
240 100
120 7.4 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: 77.61 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082841.D

Acq: 9 Nov 2015 20:53

Instrument :

BNA_F

ClientSampleID :

TPNT3

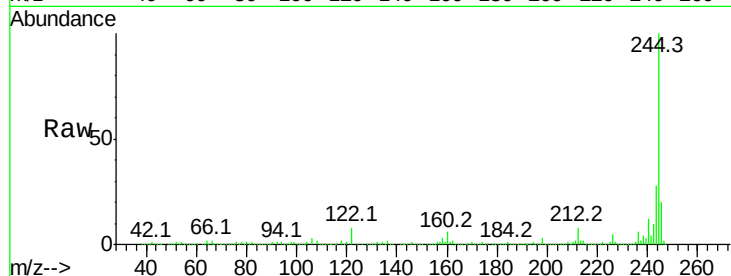
Tot Ion:244 Resp: 2675531

Ion Ratio Lower Upper

244 100

212 7.8 7.6 11.4

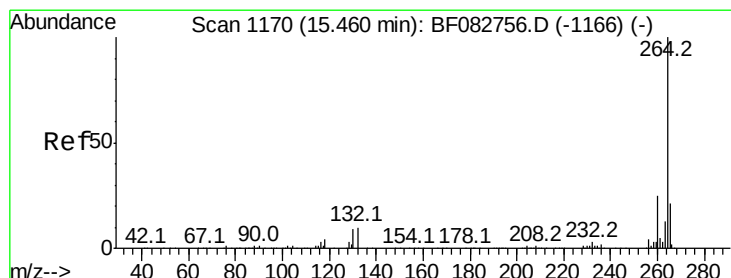
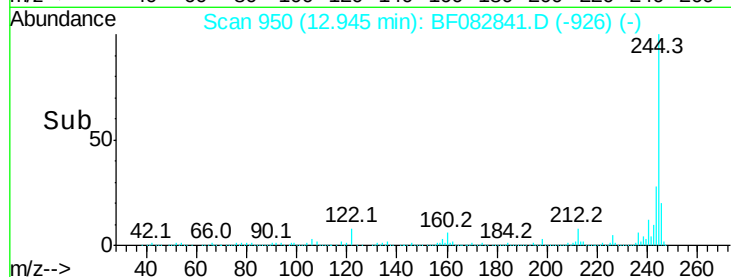
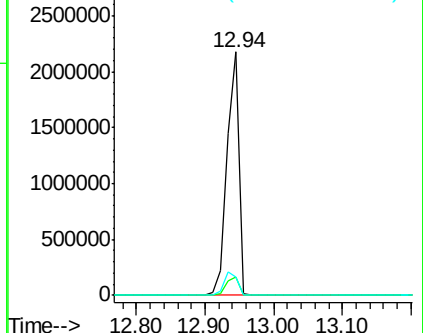
122 7.7 11.3 16.9#



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: 15.41 min Scan# 1166

Delta R.T. -0.05 min

Lab File: BF082841.D

Acq: 9 Nov 2015 20:53

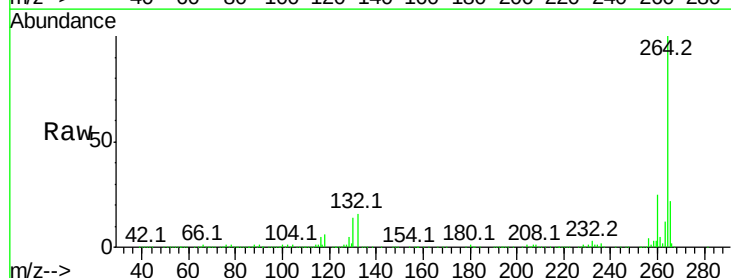
Tgt Ion:264 Resp: 721900

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.6

265 22.2 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

