

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083258.D
 Acq On : 25 Nov 2015 1:36
 Operator : UM/IZ
 Sample : G4533-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Nov 25 02:26:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

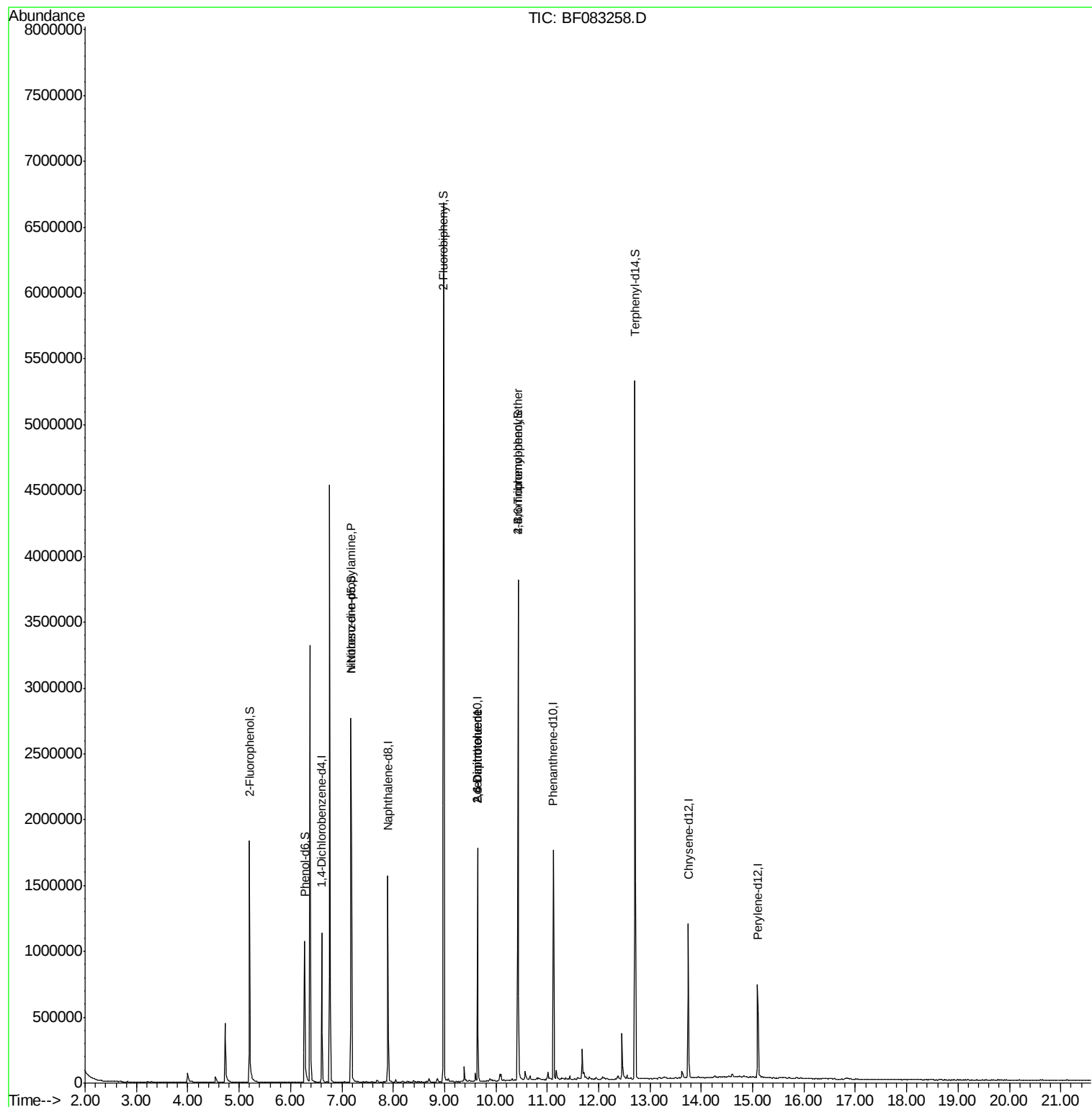
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	172817	20.00	ng	-0.06
21) Naphthalene-d8	7.90	136	667765	20.00	ng	-0.06
38) Acenaphthene-d10	9.64	164	336770	20.00	ng	-0.06
63) Phenanthrene-d10	11.12	188	606628	20.00	ng	-0.06
75) Chrysene-d12	13.75	240	477697	20.00	ng	-0.06
86) Perylene-d12	15.10	264	356154	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	558723	48.88	ng	-0.08
7) Phenol-d6	6.27	99	451151	30.50	ng	-0.07
23) Nitrobenzene-d5	7.18	82	1252372	85.70	ng	-0.06
41) 2,4,6-Tribromophenol	10.43	330	406648	118.03	ng	-0.06
44) 2-Fluorobiphenyl	8.98	172	2041214	84.52	ng	-0.05
78) Terphenyl-d14	12.71	244	1765123	87.01	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	166665	16.19	ng	# 81
50) 2,6-Dinitrotoluene	9.64	165	42535	7.31	ng	# 13
56) 2,4-Dinitrotoluene	9.64	165	42537	5.77	ng	# 10
66) 4-Bromophenyl-phenylether	10.43	248	28225	4.19	ng	# 1

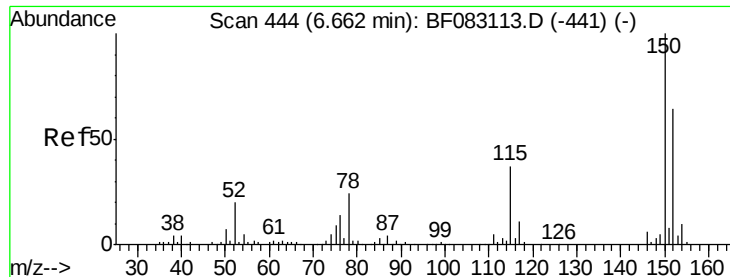
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 25 02:26:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.06 min

Lab File: BF083258.D

Acq: 25 Nov 2015 1:36

Instrument :

BNA_F

ClientSampleId :

DSN001

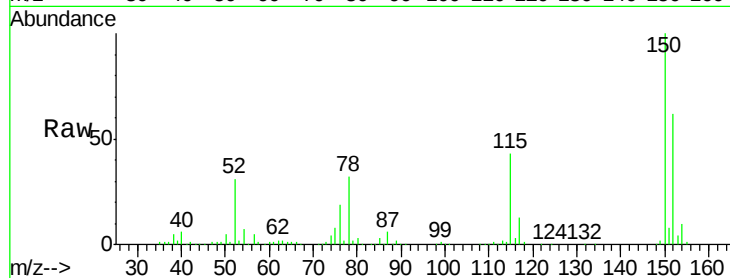
Tgt Ion:152 Resp: 172817

Ion Ratio Lower Upper

152 100

150 162.5 125.8 188.8

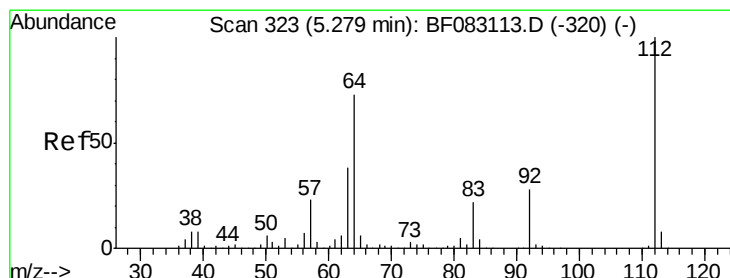
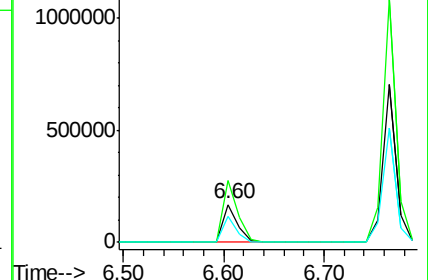
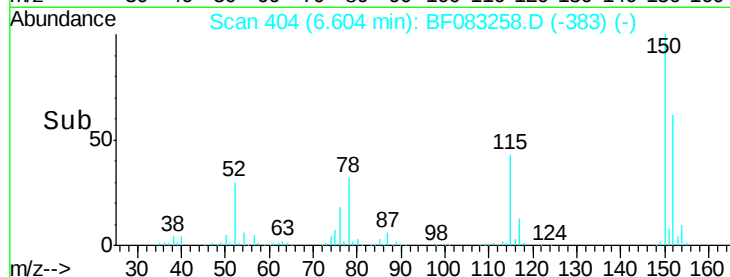
115 69.9 46.9 70.3



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: 48.88 ng

RT: 5.20 min Scan# 281

Delta R.T. -0.08 min

Lab File: BF083258.D

Acq: 25 Nov 2015 1:36

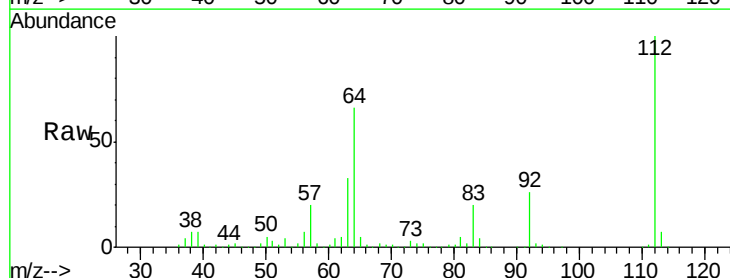
Tgt Ion:112 Resp: 558723

Ion Ratio Lower Upper

112 100

64 66.3 58.4 87.6

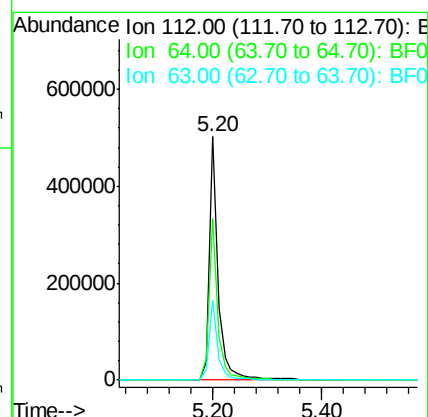
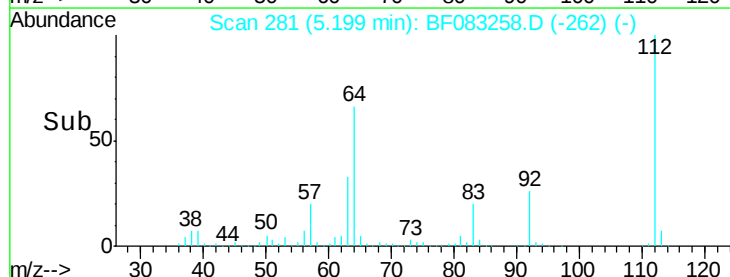
63 33.0 30.0 45.0

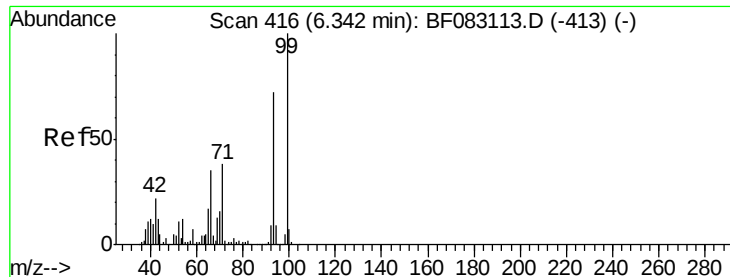


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.50 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.07 min

Lab File: BF083258.D

Acq: 25 Nov 2015 1:36

Instrument :

BNA_F

ClientSampleId :

DSN001

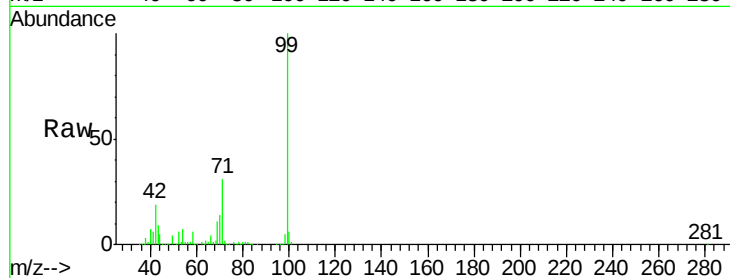
Tgt Ion: 99 Resp: 451151

Ion Ratio Lower Upper

99 100

42 18.6 17.7 26.5

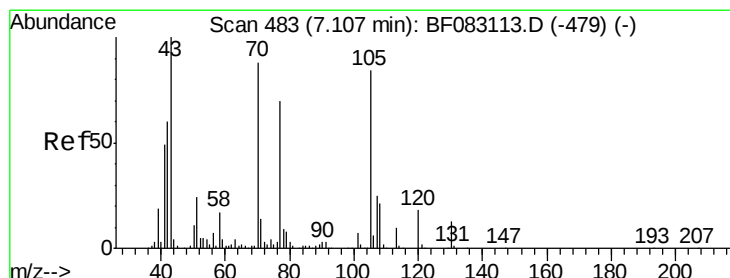
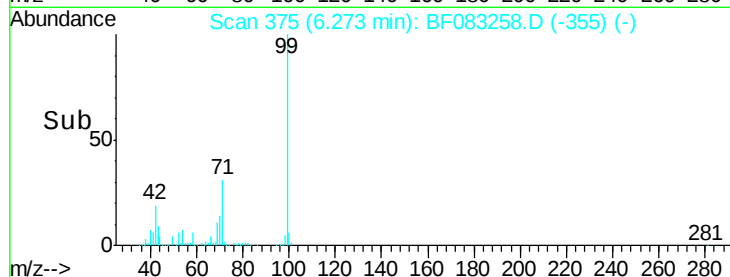
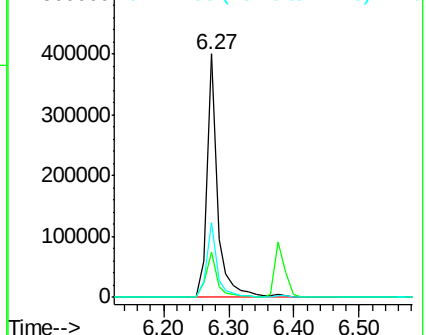
71 30.9 30.2 45.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.19 ng

RT: 7.18 min Scan# 454

Delta R.T. 0.07 min

Lab File: BF083258.D

Acq: 25 Nov 2015 1:36

Tgt Ion: 70 Resp: 166665

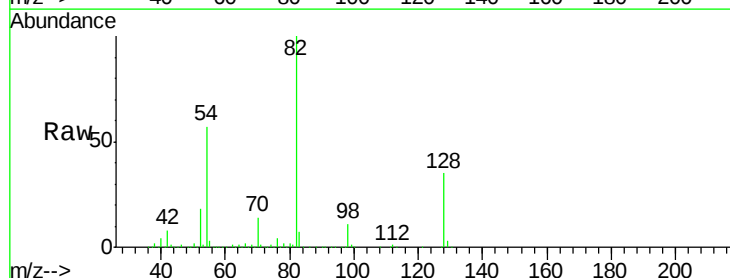
Ion Ratio Lower Upper

70 100

42 55.1 54.5 81.7

101 0.0 6.6 9.8#

130 1.5 11.5 17.3#

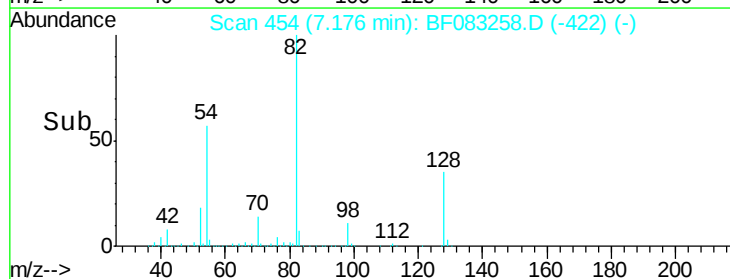
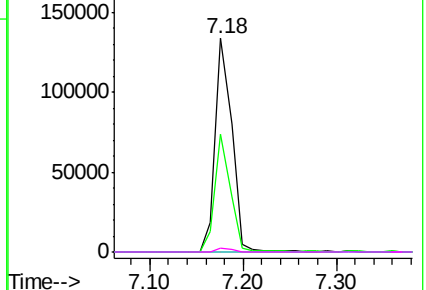


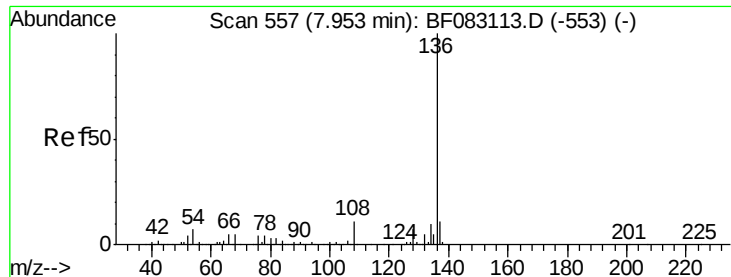
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

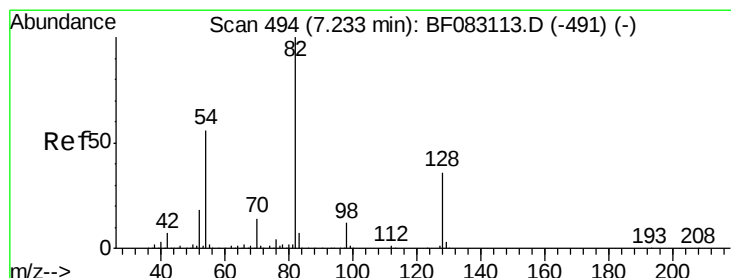
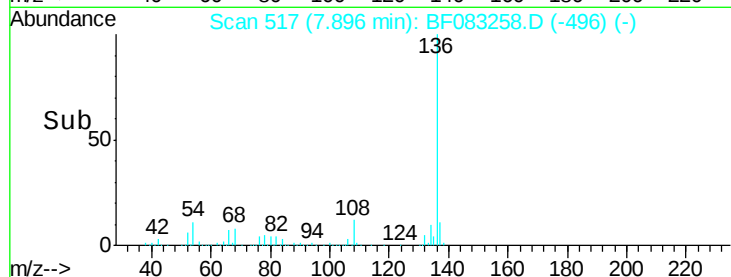
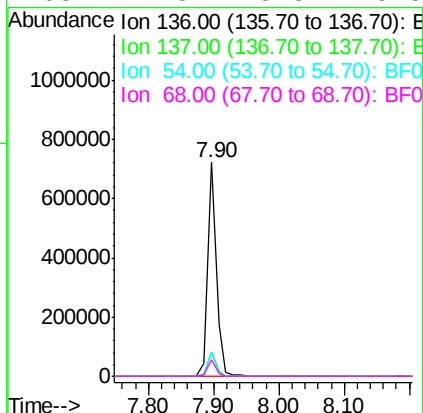
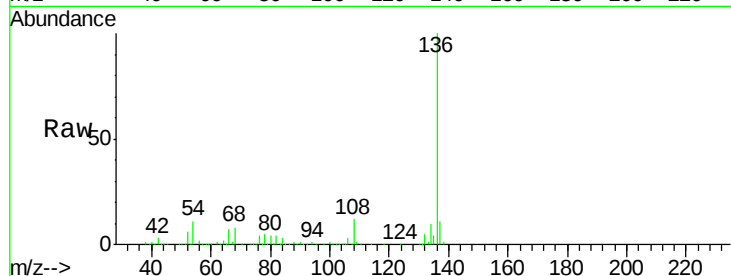




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.06 min
Lab File: BF083258.D
Acq: 25 Nov 2015 1:36

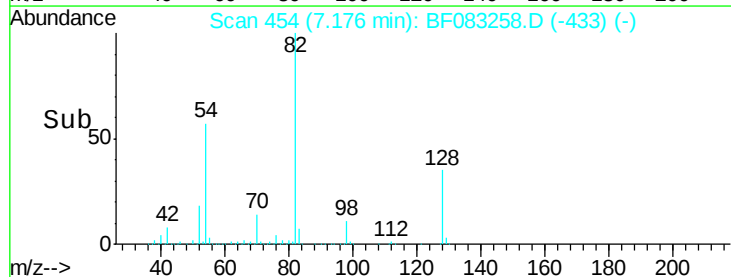
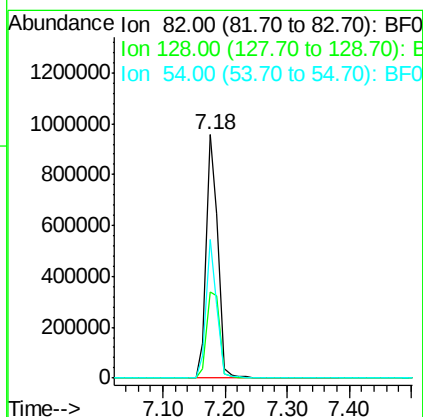
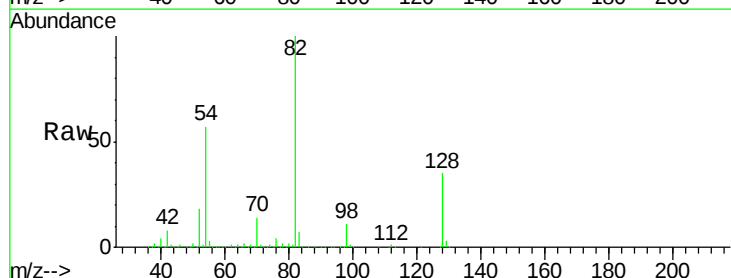
Instrument :
BNA_F
ClientSampled :
DSN001

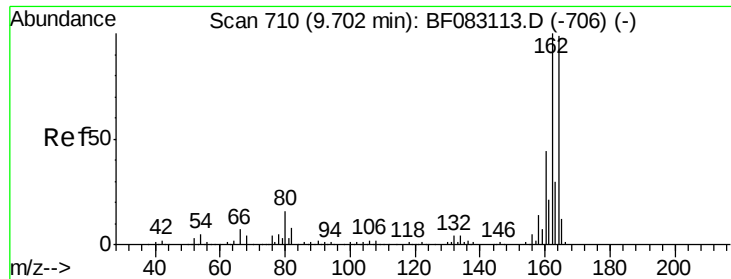
Tgt Ion:	136	Resp:	667765
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	11.2	5.8	8.6#
68	7.8	3.8	5.8#



#23
Nitrobenzene-d5
Concen: 85.70 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.06 min
Lab File: BF083258.D
Acq: 25 Nov 2015 1:36

Tgt Ion:	82	Resp:	1252372
Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.5	42.7
54	57.0	44.6	67.0

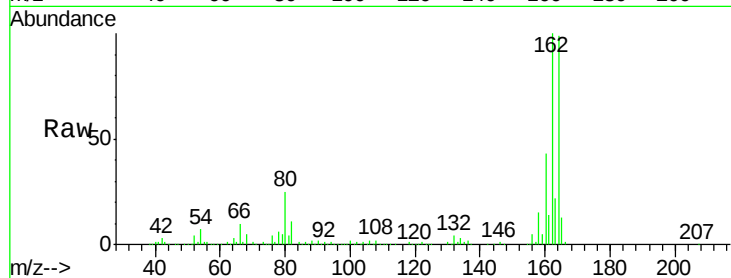




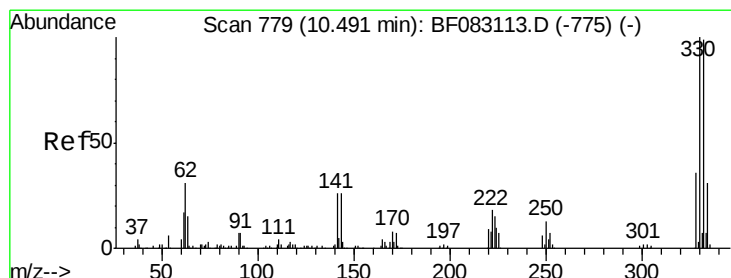
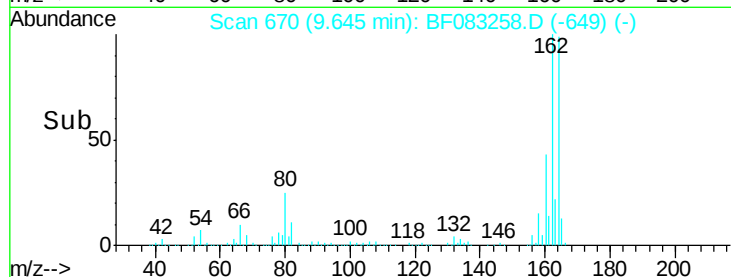
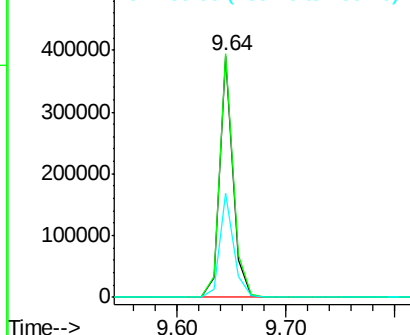
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.06 min
Lab File: BF083258.D
Acq: 25 Nov 2015 1:36

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion:164 Resp: 336770
Ion Ratio Lower Upper
164 100
162 101.0 81.2 121.8
160 43.2 35.6 53.4

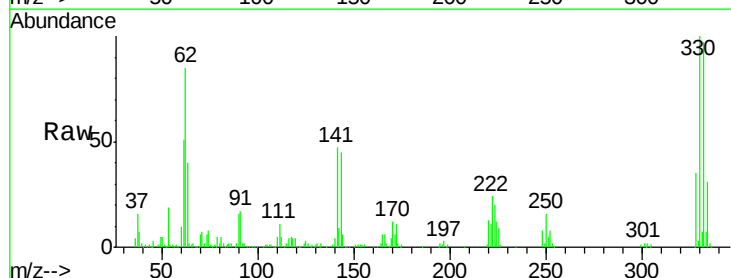


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

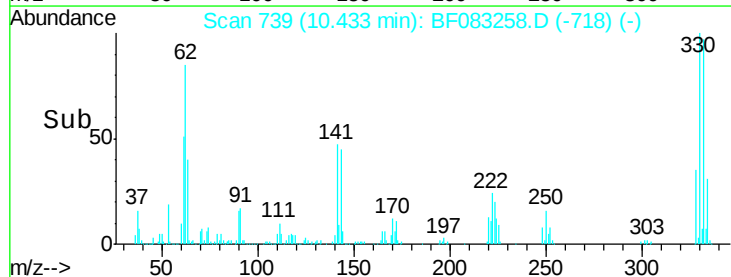
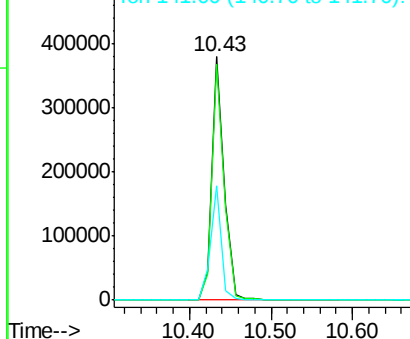


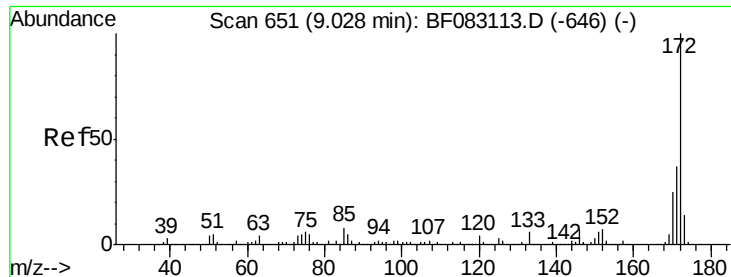
#41
2,4,6-Tribromophenol
Concen: 118.03 ng
RT: 10.43 min Scan# 739
Delta R.T. -0.06 min
Lab File: BF083258.D
Acq: 25 Nov 2015 1:36

Tgt Ion:330 Resp: 406648
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 41.7 29.7 44.5



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

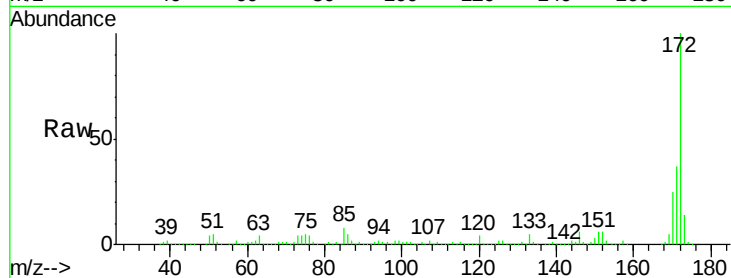




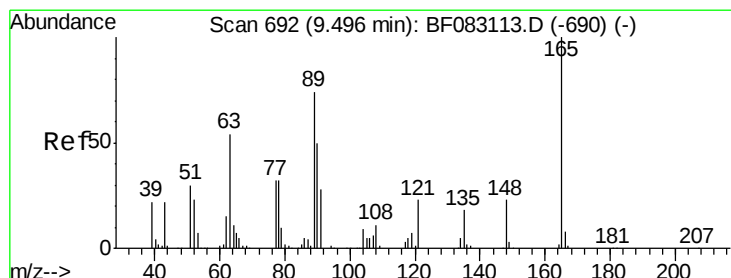
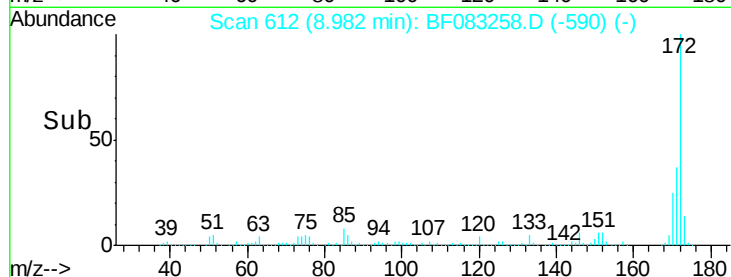
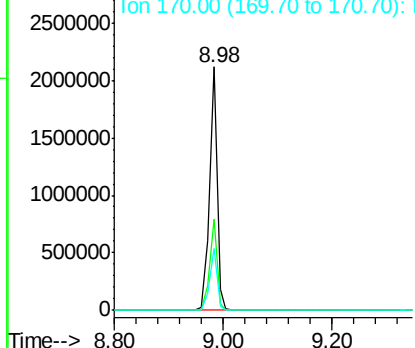
#44
 2-Fluorobiphenyl
 Concen: 84.52 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF083258.D
 Acq: 25 Nov 2015 1:36

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:172 Resp: 2041214
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.5 44.3
 170 25.3 19.9 29.9

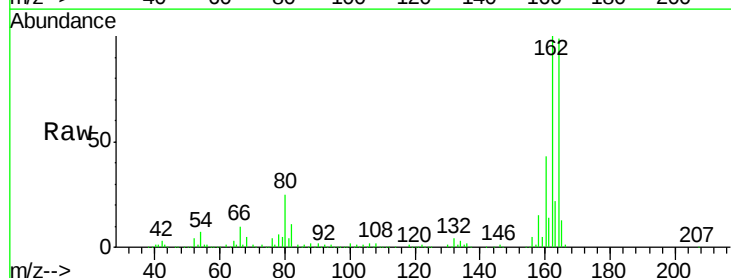


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

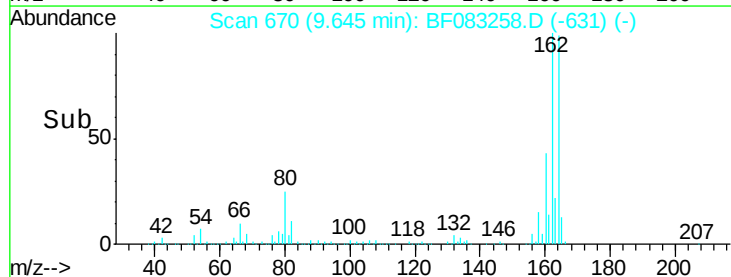
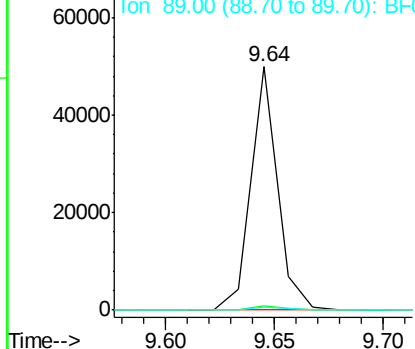


#50
 2,6-Dinitrotoluene
 Concen: 7.31 ng
 RT: 9.64 min Scan# 670
 Delta R.T. 0.15 min
 Lab File: BF083258.D
 Acq: 25 Nov 2015 1:36

Tgt Ion:165 Resp: 42535
 Ion Ratio Lower Upper
 165 100
 63 1.5 62.5 93.7#
 89 1.4 59.1 88.7#



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

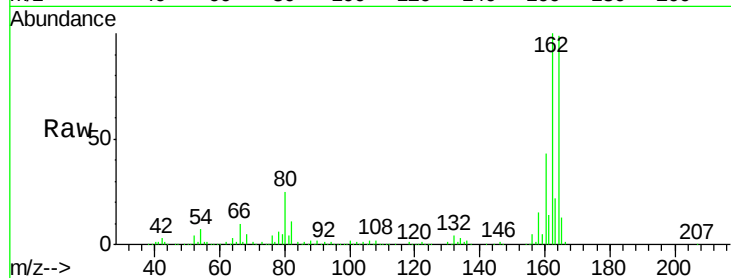




#56
2,4-Dinitrotoluene
Concen: 5.77 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.25 min
Lab File: BF083258.D
Acq: 25 Nov 2015 1:36

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	54.5	81.7#
89	1.4	77.3	115.9#
182	0.0	1.8	2.6#

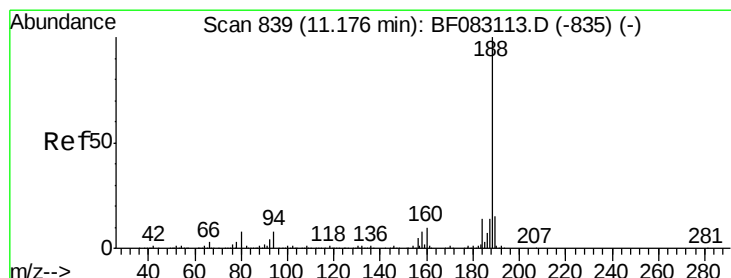
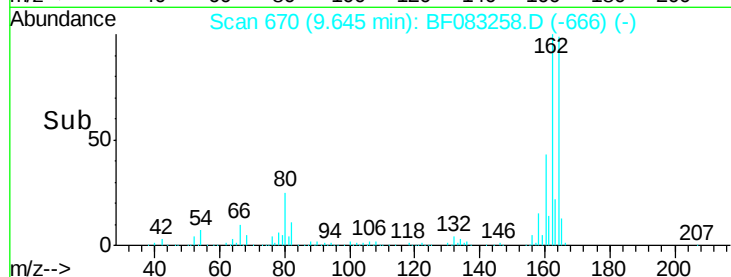
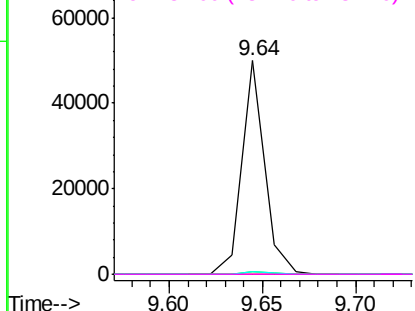


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

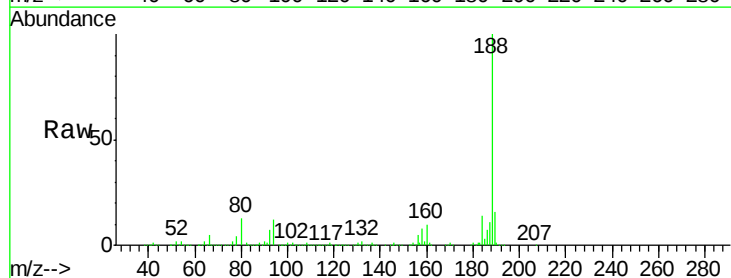
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 799
Delta R.T. -0.06 min
Lab File: BF083258.D
Acq: 25 Nov 2015 1:36

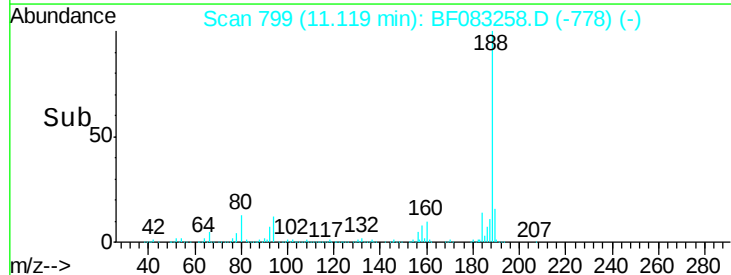
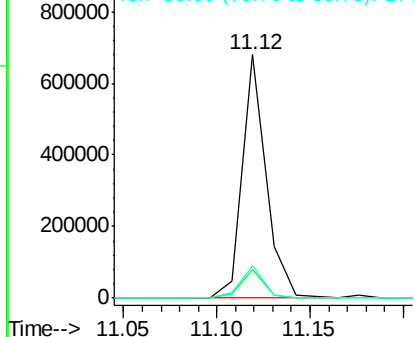
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	6.0	9.0#
80	13.4	6.7	10.1#

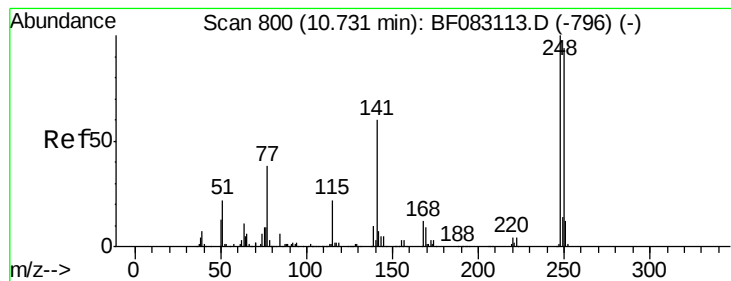


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.19 ng

RT: 10.43 min Scan# 739

Delta R.T. -0.30 min

Lab File: BF083258.D

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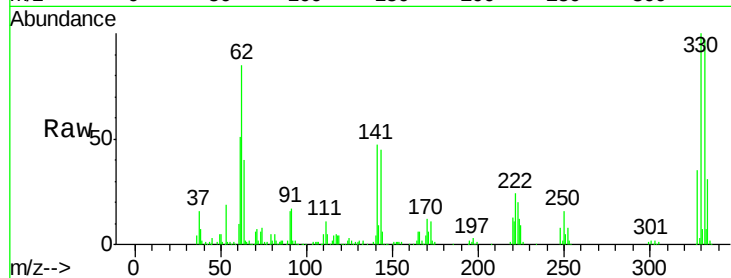
Tgt Ion:248 Resp: 28225

Ion Ratio Lower Upper

248 100

250 202.3 75.4 113.2#

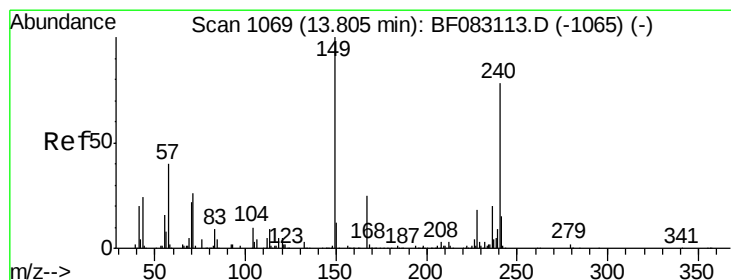
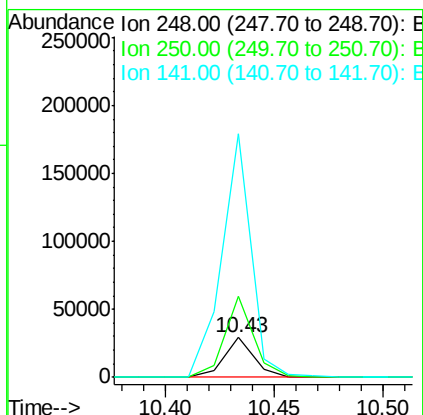
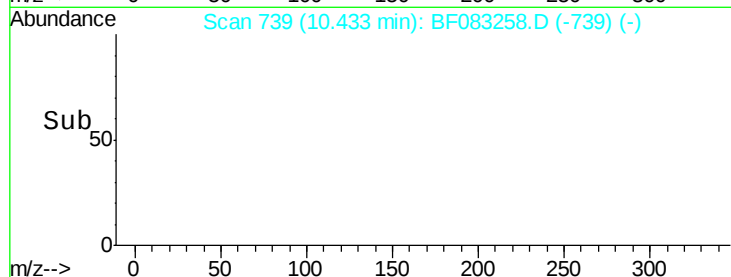
141 608.6 48.1 72.1#



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: 13.75 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF083258.D

Acq: 25 Nov 2015 1:36

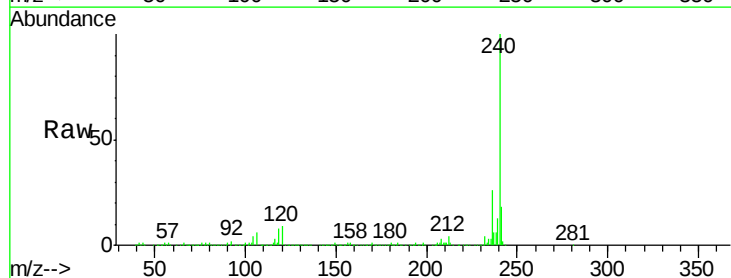
Tgt Ion:240 Resp: 477697

Ion Ratio Lower Upper

240 100

120 8.5 5.4 8.2#

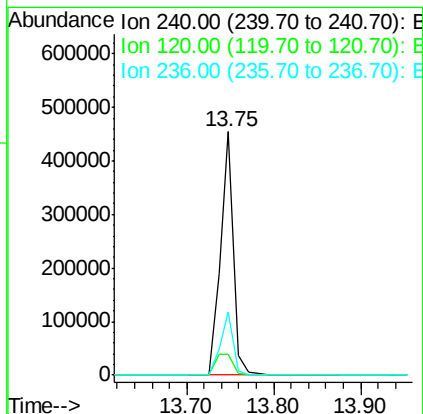
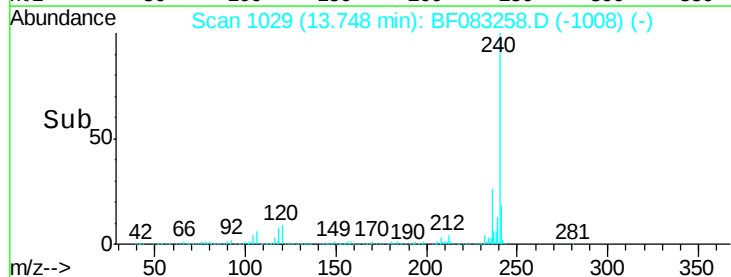
236 25.9 20.6 31.0

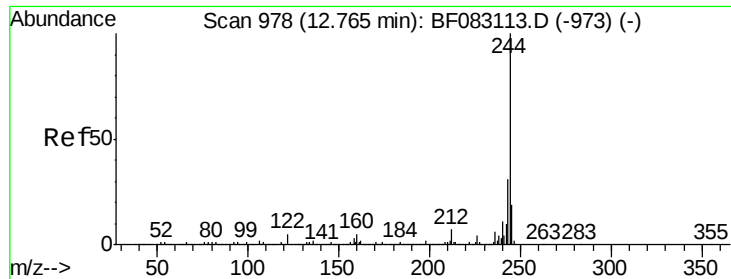


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

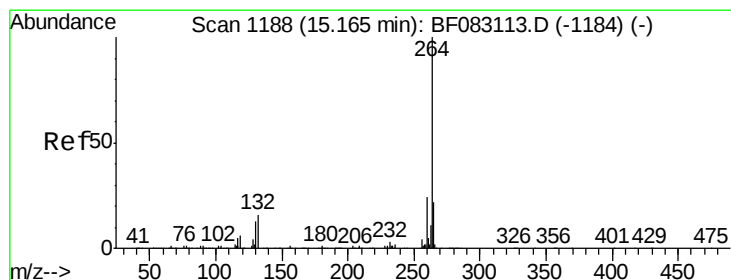
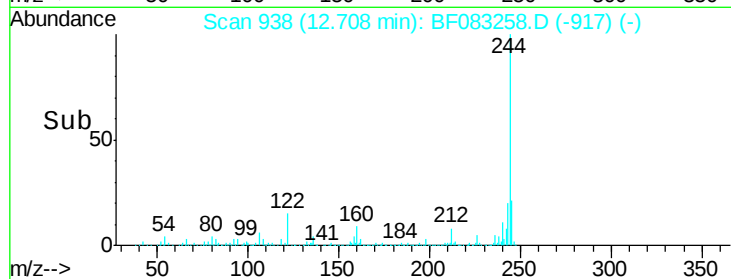
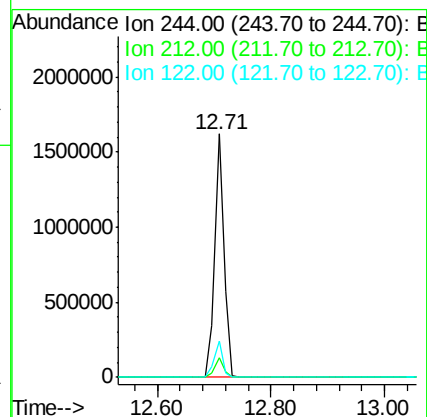
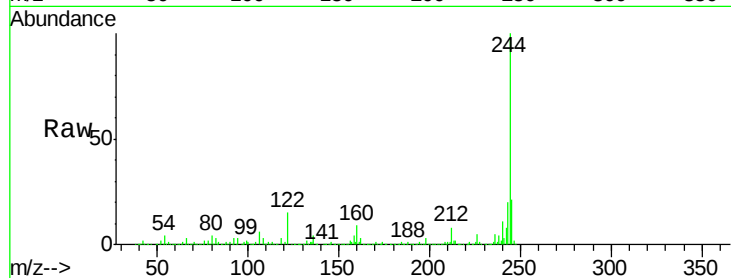




#78
 Terphenyl-d14
 Concen: 87.01 ng
 RT: 12.71 min Scan# 938
 Delta R.T. -0.06 min
 Lab File: BF083258.D
 Acq: 25 Nov 2015 1:36

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:244 Resp: 1765123
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 14.9 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1147
 Delta R.T. -0.07 min
 Lab File: BF083258.D
 Acq: 25 Nov 2015 1:36

Tgt Ion:264 Resp: 356154
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.7 18.2 27.4

