

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083245.D
 Acq On : 24 Nov 2015 19:14
 Operator : UM/IZ
 Sample : PB86825BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BL

Quant Time: Nov 25 00:30:40 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

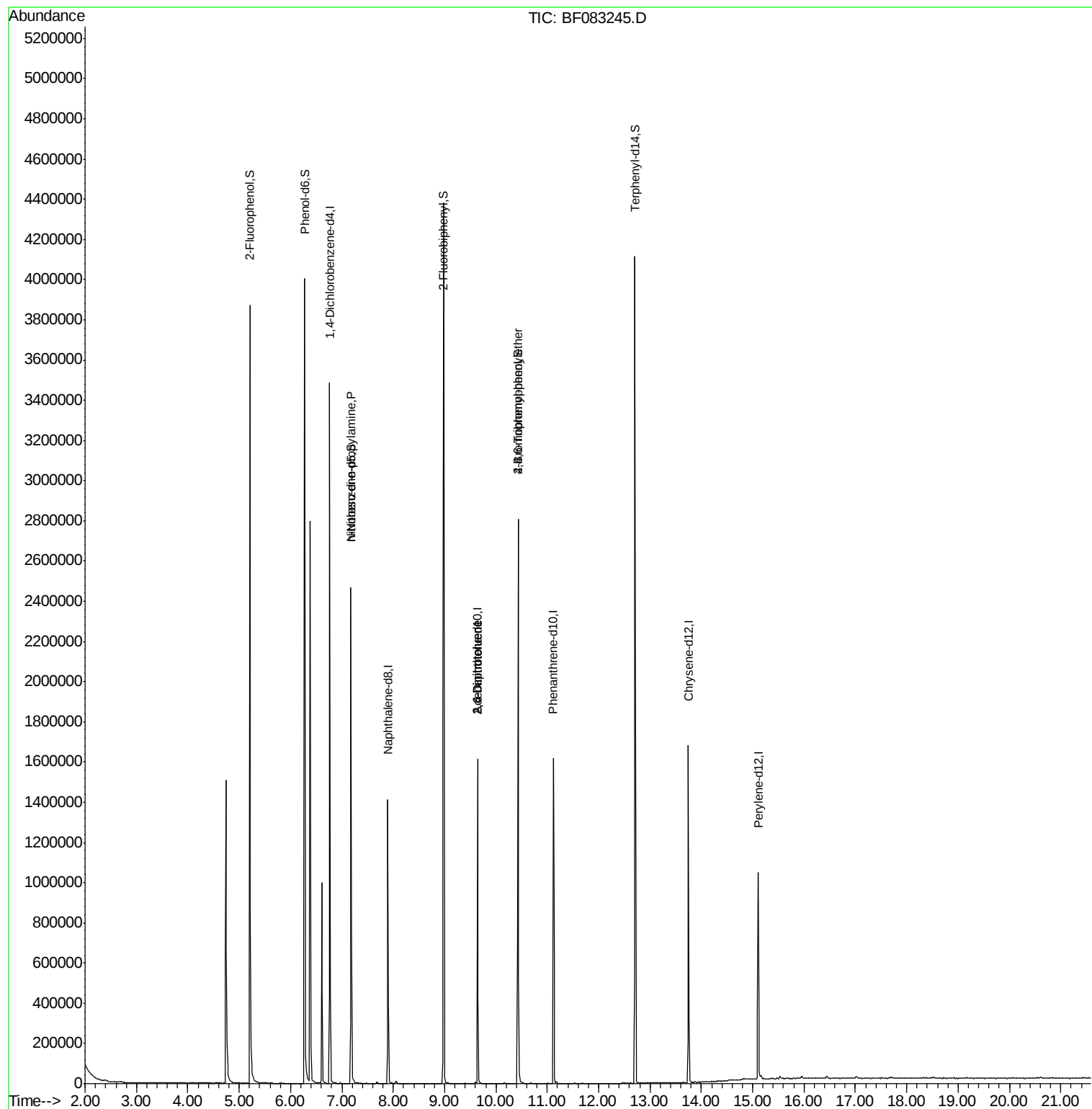
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	486234	20.00	ng	0.10
21) Naphthalene-d8	7.90	136	643577	20.00	ng	-0.06
38) Acenaphthene-d10	9.64	164	332430	20.00	ng	-0.06
63) Phenanthrene-d10	11.12	188	633116	20.00	ng	-0.06
75) Chrysene-d12	13.75	240	564779	20.00	ng	-0.06
86) Perylene-d12	15.11	264	439937	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1063303	33.06	ng	-0.07
7) Phenol-d6	6.27	99	1341759	32.24	ng	-0.07
23) Nitrobenzene-d5	7.18	82	864507	61.38	ng	-0.06
41) 2,4,6-Tribromophenol	10.43	330	305382	89.79	ng	-0.06
44) 2-Fluorobiphenyl	8.98	172	1528731	64.13	ng	-0.05
78) Terphenyl-d14	12.71	244	1478127	61.63	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.27	77	1894	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.18	70	115246	3.98 ng	#	80
50) 2,6-Dinitrotoluene	9.64	165	41637	7.25 ng	#	13
56) 2,4-Dinitrotoluene	9.64	165	41640	5.72 ng	#	10
66) 4-Bromophenyl-phenylether	10.43	248	21052	3.00 ng	#	1

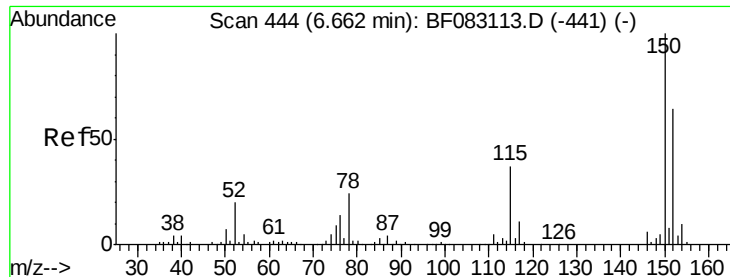
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 25 00:30:40 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: 6.76 min Scan# 418

Delta R.T. 0.10 min

Lab File: BF083245.D

Acq: 24 Nov 2015 19:14

Instrument :

BNA_F

ClientSampleId :

PB86825BL

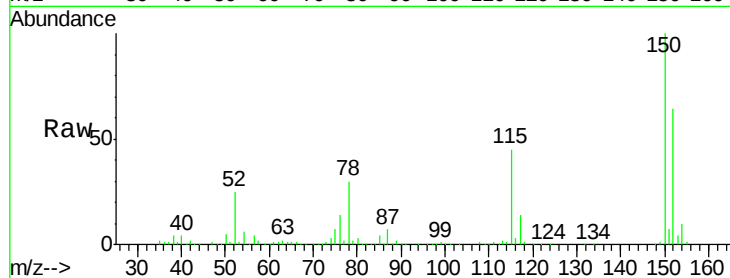
Tgt Ion:152 Resp: 486234

Ion Ratio Lower Upper

152 100

150 156.9 125.8 188.8

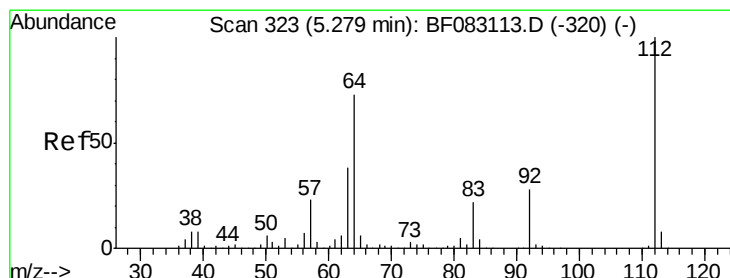
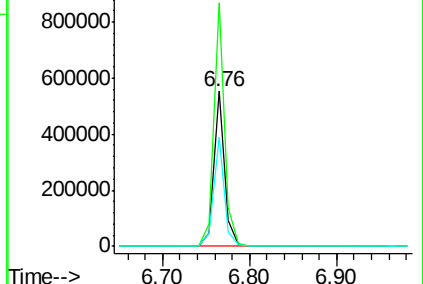
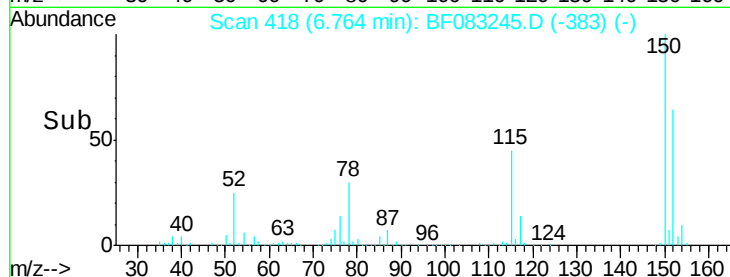
115 70.1 46.9 70.3



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: 33.06 ng

RT: 5.21 min Scan# 282

Delta R.T. -0.07 min

Lab File: BF083245.D

Acq: 24 Nov 2015 19:14

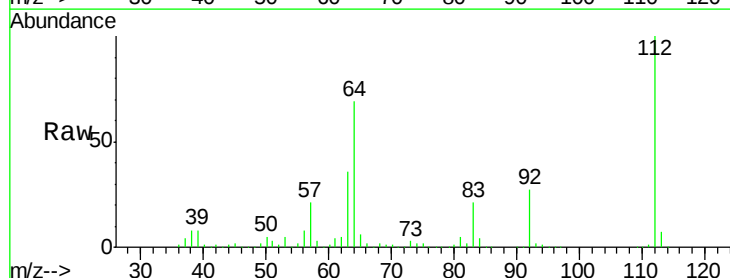
Tgt Ion:112 Resp: 1063303

Ion Ratio Lower Upper

112 100

64 69.2 58.4 87.6

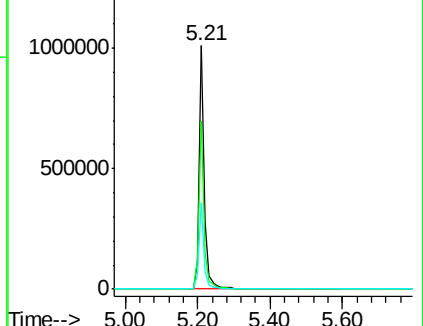
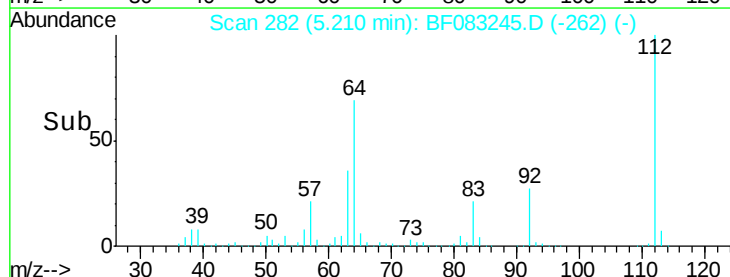
63 35.6 30.0 45.0

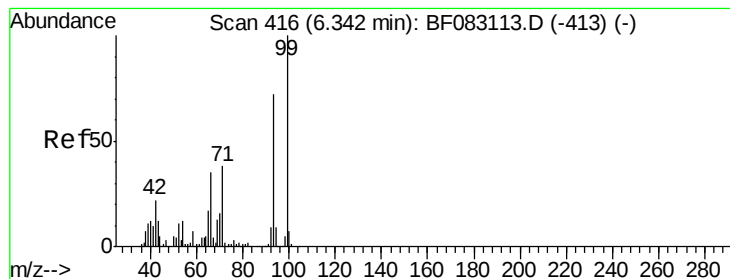


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.24 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.07 min

Lab File: BF083245.D

Acq: 24 Nov 2015 19:14

Instrument :

BNA_F

ClientSampleId :

PB86825BL

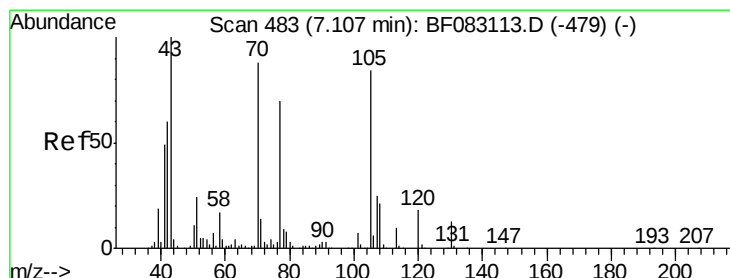
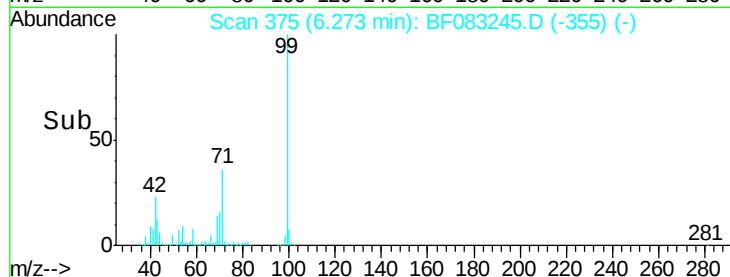
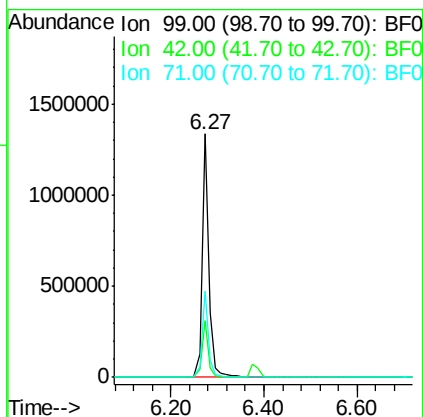
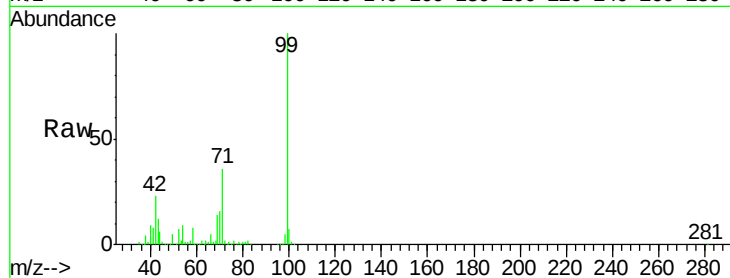
Tgt Ion: 99 Resp: 1341759

Ion Ratio Lower Upper

99 100

42 23.1 17.7 26.5

71 35.5 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 3.98 ng

RT: 7.18 min Scan# 454

Delta R.T. 0.07 min

Lab File: BF083245.D

Acq: 24 Nov 2015 19:14

Tgt Ion: 70 Resp: 115246

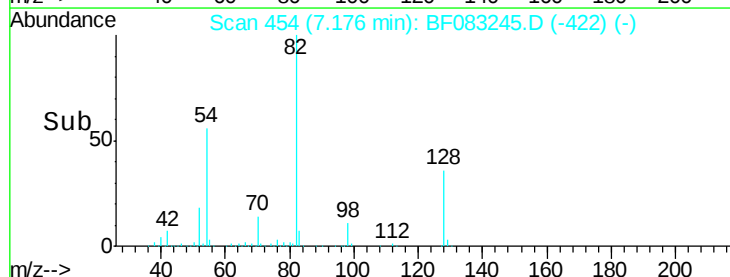
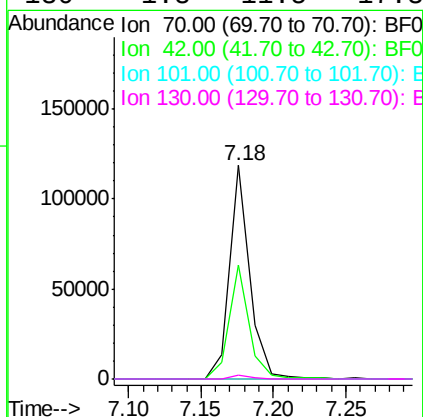
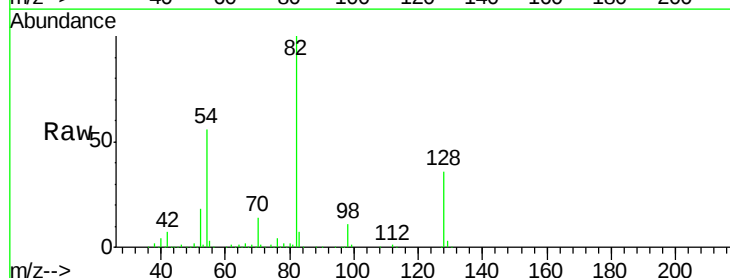
Ion Ratio Lower Upper

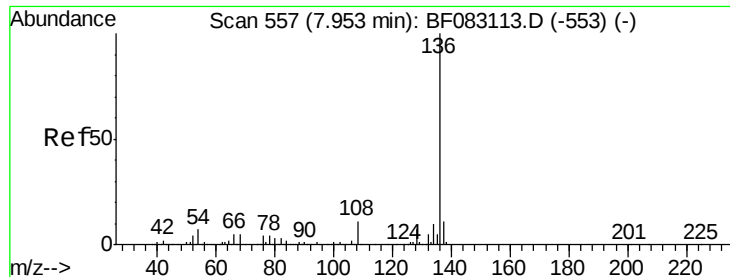
70 100

42 53.6 54.5 81.7#

101 0.0 6.6 9.8#

130 1.8 11.5 17.3#

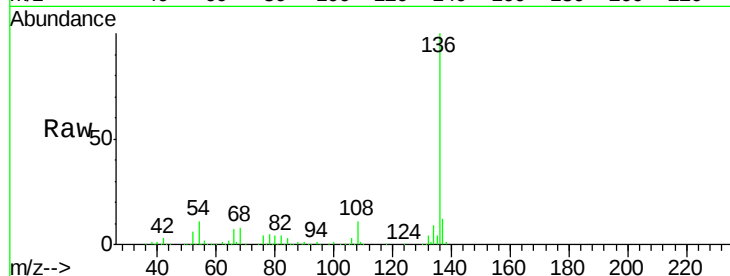




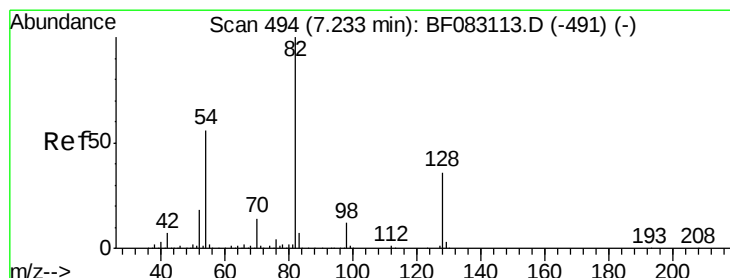
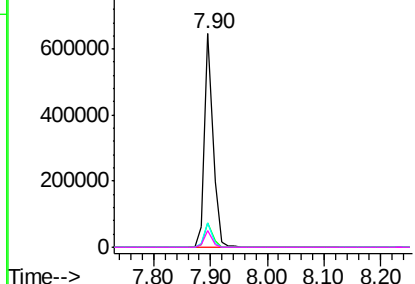
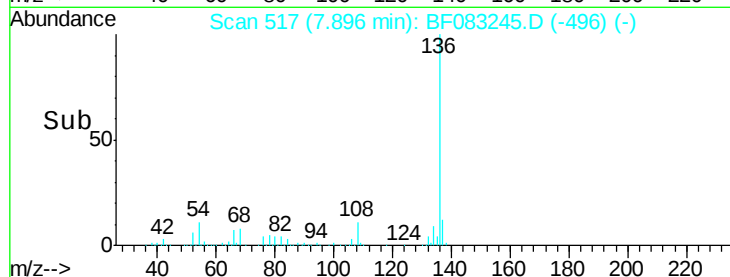
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.06 min
Lab File: BF083245.D
Acq: 24 Nov 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB86825BL

Tgt Ion:	136	Resp:	643577
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	11.5	5.8	8.6#
68	8.0	3.8	5.8#

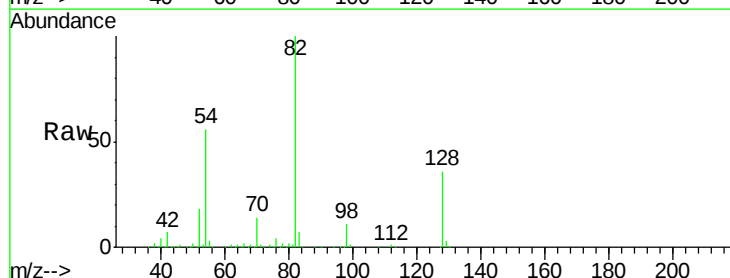


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

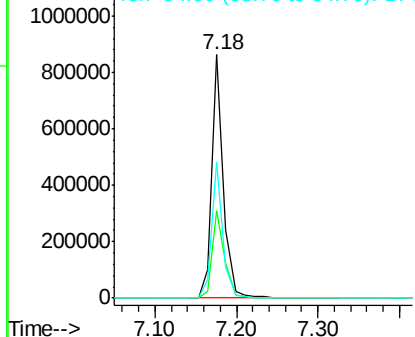
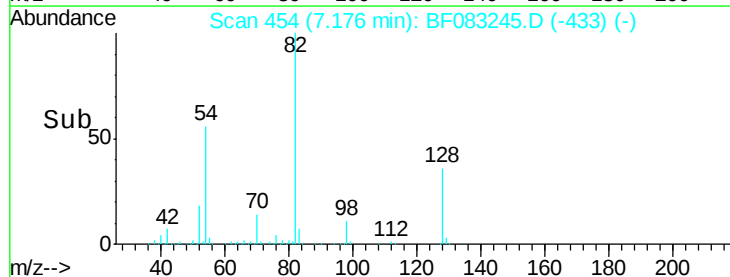


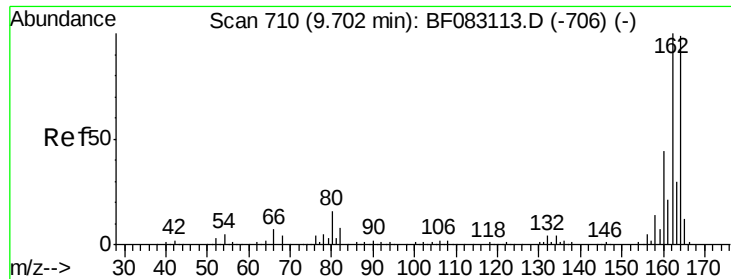
#23
Nitrobenzene-d5
Concen: 61.38 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.06 min
Lab File: BF083245.D
Acq: 24 Nov 2015 19:14

Tgt Ion:	82	Resp:	864507
Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.5	42.7
54	55.8	44.6	67.0



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

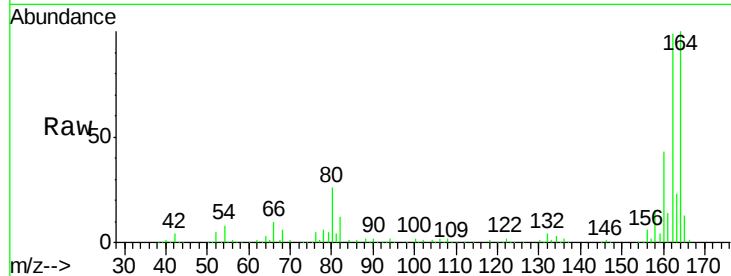




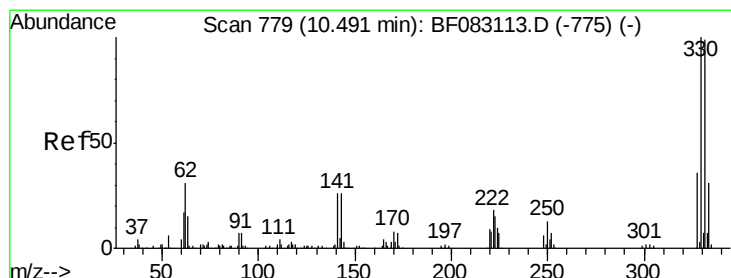
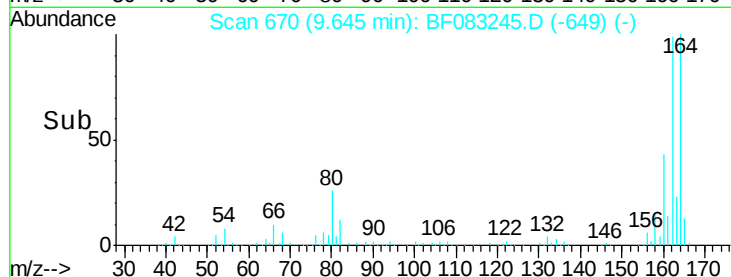
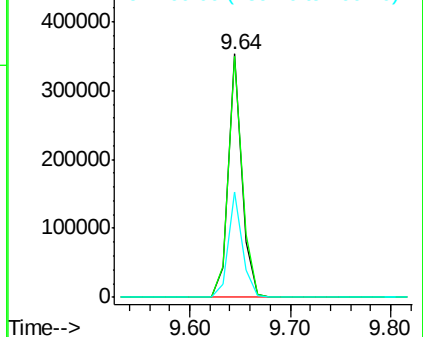
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.06 min
Lab File: BF083245.D
Acq: 24 Nov 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB86825BL

Tgt Ion:164 Resp: 332430
Ion Ratio Lower Upper
164 100
162 99.0 81.2 121.8
160 43.5 35.6 53.4

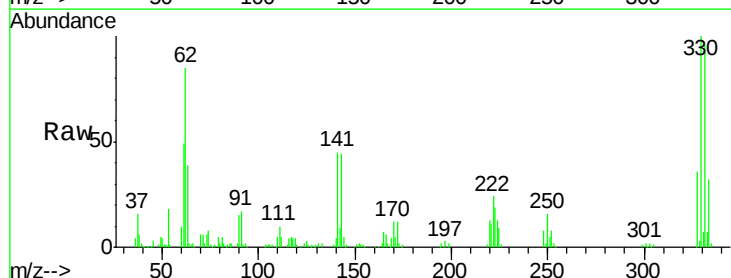


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

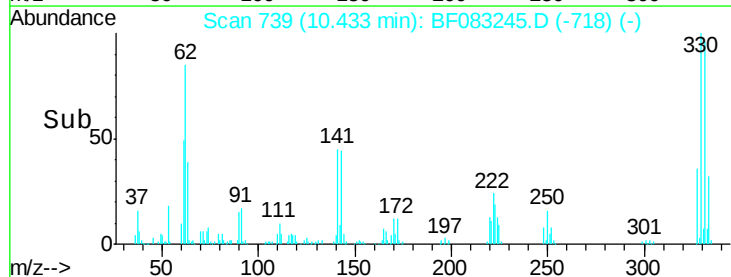
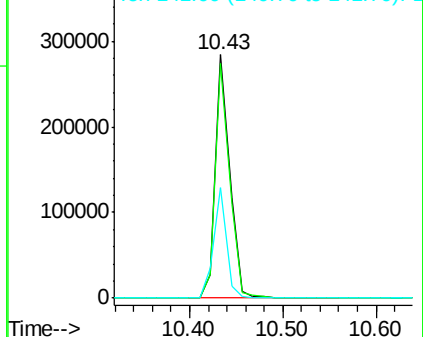


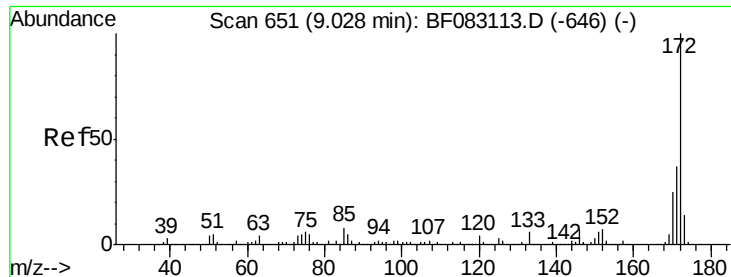
#41
2,4,6-Tribromophenol
Concen: 89.79 ng
RT: 10.43 min Scan# 739
Delta R.T. -0.06 min
Lab File: BF083245.D
Acq: 24 Nov 2015 19:14

Tgt Ion:330 Resp: 305382
Ion Ratio Lower Upper
330 100
332 95.9 77.7 116.5
141 40.6 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

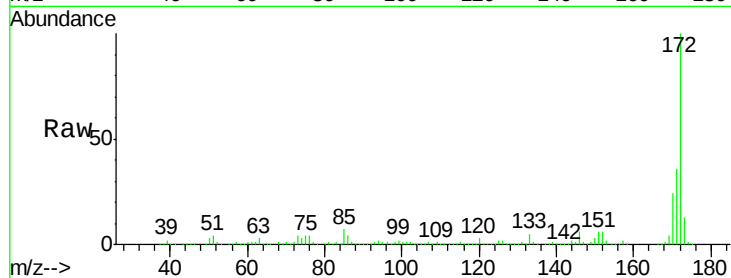




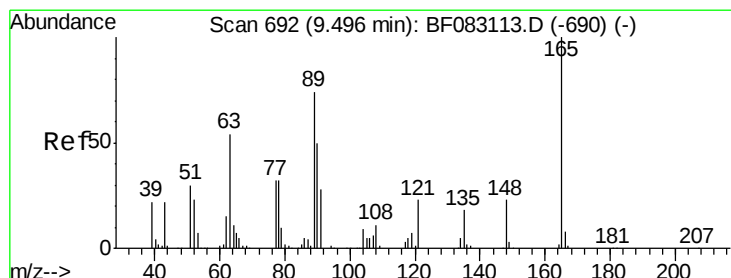
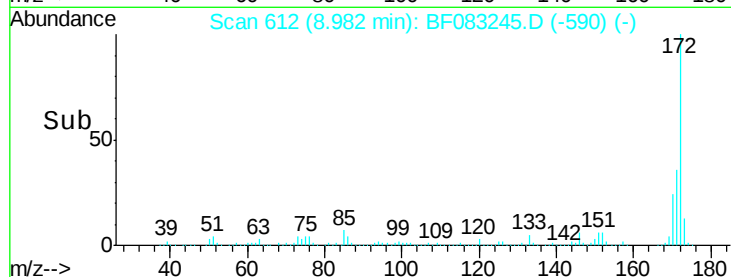
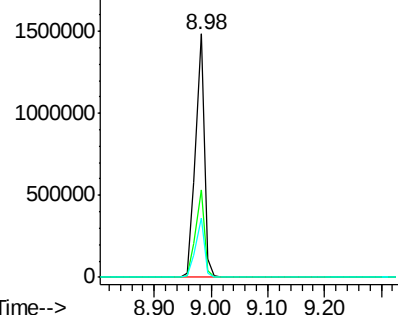
#44
 2-Fluorobiphenyl
 Concen: 64.13 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF083245.D
 Acq: 24 Nov 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB86825BL

Tgt Ion:172 Resp: 1528731
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.5 44.3
 170 24.4 19.9 29.9

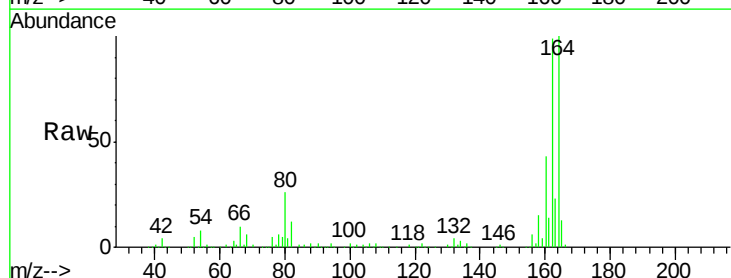


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

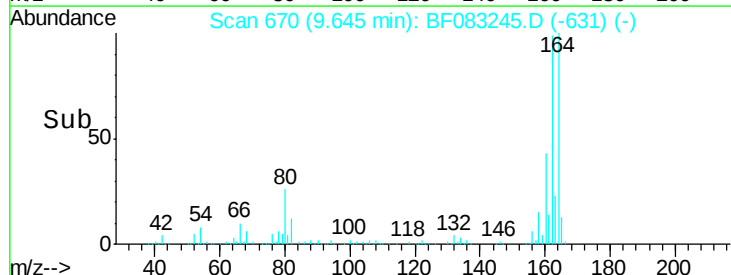
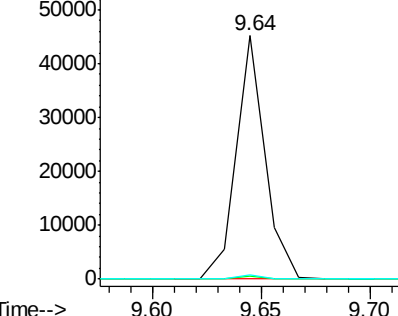


#50
 2,6-Dinitrotoluene
 Concen: 7.25 ng
 RT: 9.64 min Scan# 670
 Delta R.T. 0.15 min
 Lab File: BF083245.D
 Acq: 24 Nov 2015 19:14

Tgt Ion:165 Resp: 41637
 Ion Ratio Lower Upper
 165 100
 63 1.5 62.5 93.7#
 89 1.7 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

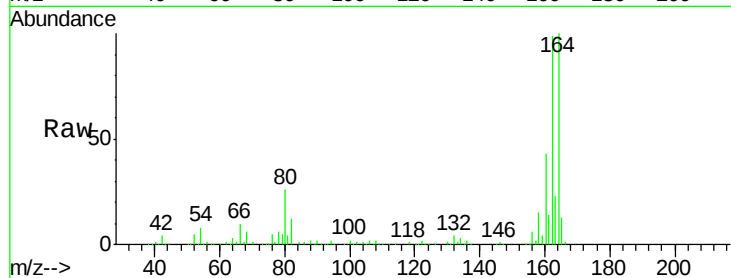




#56
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.25 min
Lab File: BF083245.D
Acq: 24 Nov 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB86825BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	54.5	81.7#
89	1.7	77.3	115.9#
182	0.0	1.8	2.6#

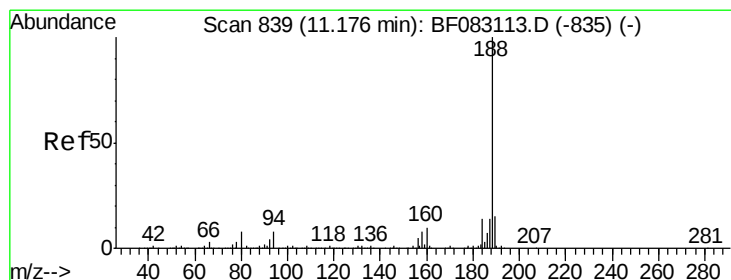
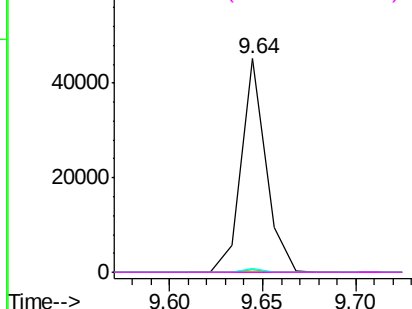
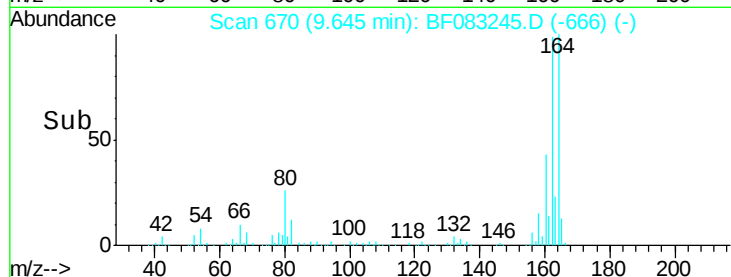


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

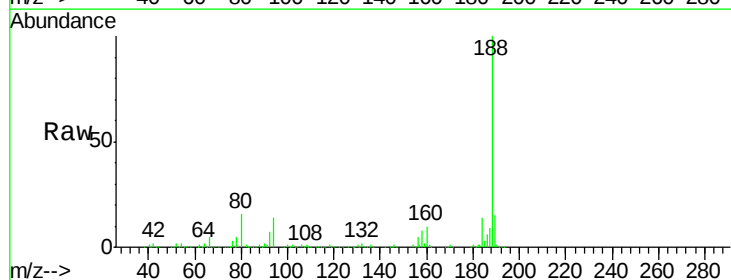
Ion 89.00 (88.70 to 89.70): BF0

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: BF083245.D
Acq: 24 Nov 2015 19:14

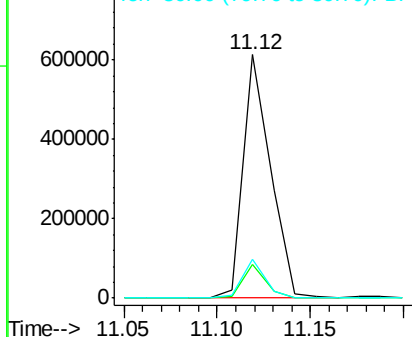
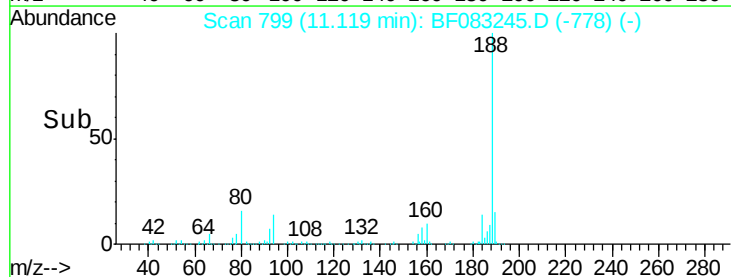
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.6	6.0	9.0#
80	16.2	6.7	10.1#

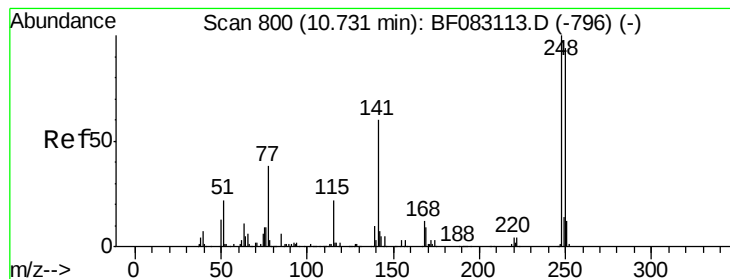


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.00 ng

RT: 10.43 min Scan# 739

Delta R.T. -0.30 min

Lab File: BF083245.D

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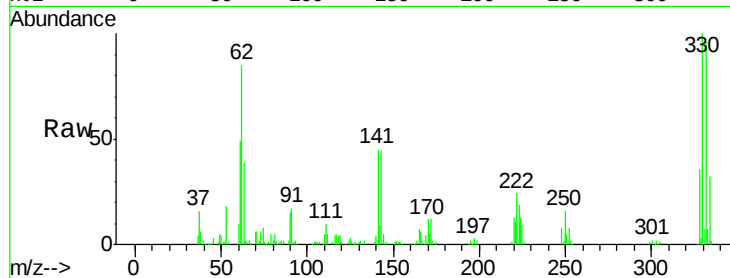
Tgt Ion:248 Resp: 21052

Ion Ratio Lower Upper

248 100

250 207.5 75.4 113.2#

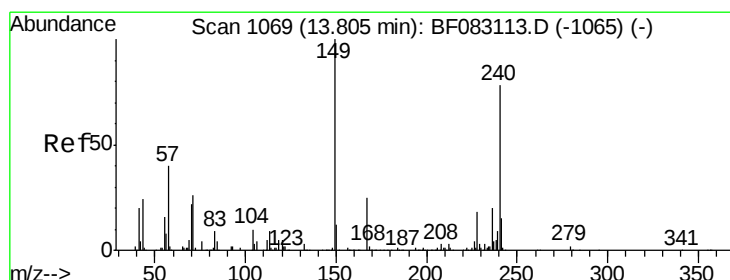
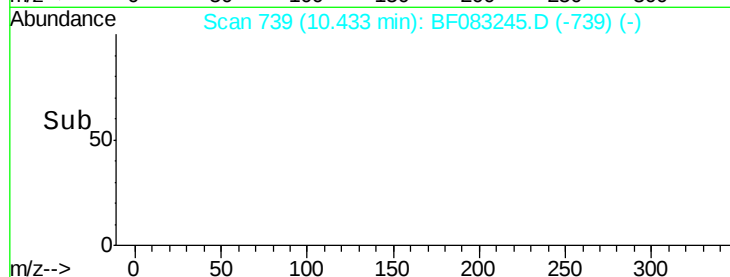
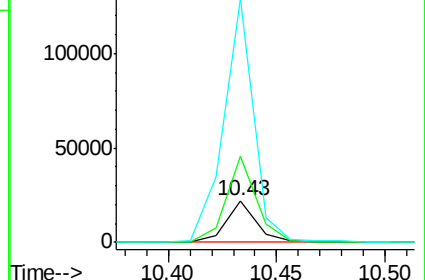
141 585.0 48.1 72.1#



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: BF083245.D

Acq: 24 Nov 2015 19:14

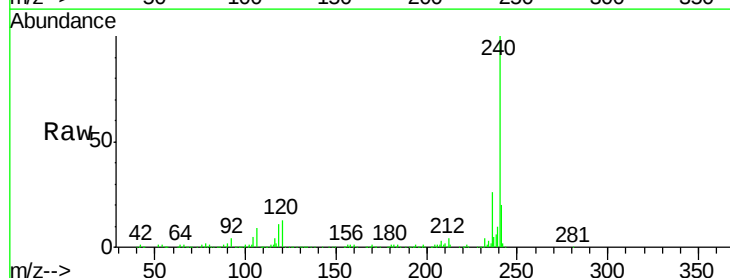
Tgt Ion:240 Resp: 564779

Ion Ratio Lower Upper

240 100

120 13.0 5.4 8.2#

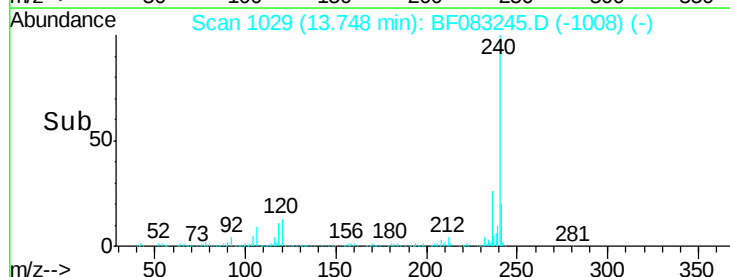
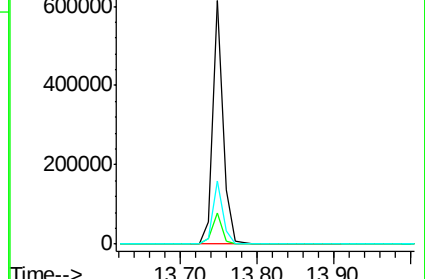
236 26.2 20.6 31.0

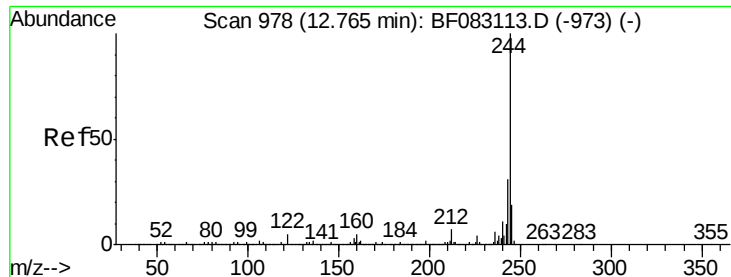


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.63 ng

RT: 12.71 min Scan# 938

Delta R.T. -0.06 min

Lab File: BF083245.D

Acq: 24 Nov 2015 19:14

Instrument :

BNA_F

ClientSampleId :

PB86825BL

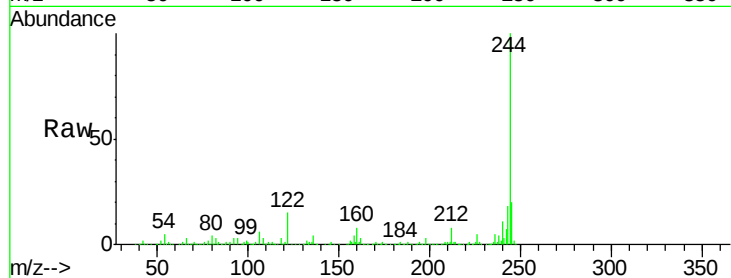
Tgt Ion:244 Resp: 1478127

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.2

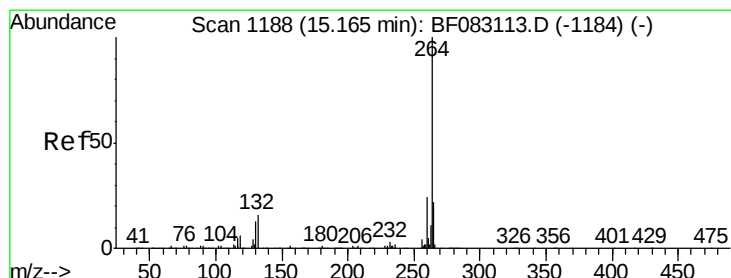
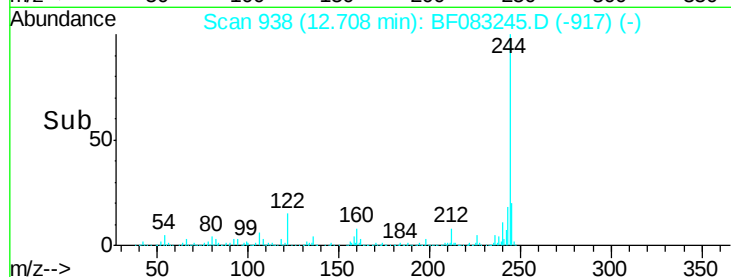
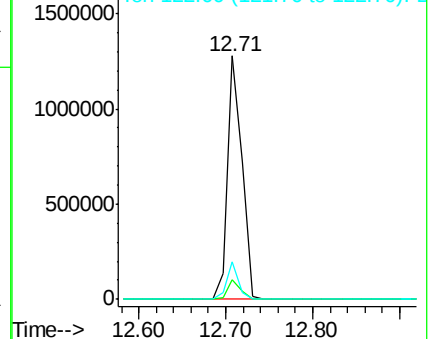
122 15.5 4.3 6.5#



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: 15.11 min Scan# 1148

Delta R.T. -0.06 min

Lab File: BF083245.D

Acq: 24 Nov 2015 19:14

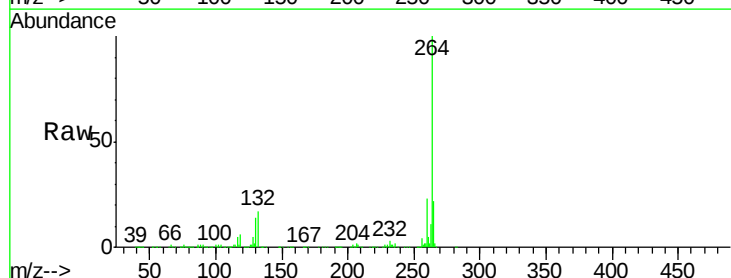
Tgt Ion:264 Resp: 439937

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 22.1 18.2 27.4



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

