

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083281.D
 Acq On : 25 Nov 2015 18:54
 Operator : UM/IZ
 Sample : G4559-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01

Quant Time: Nov 26 01:13:08 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

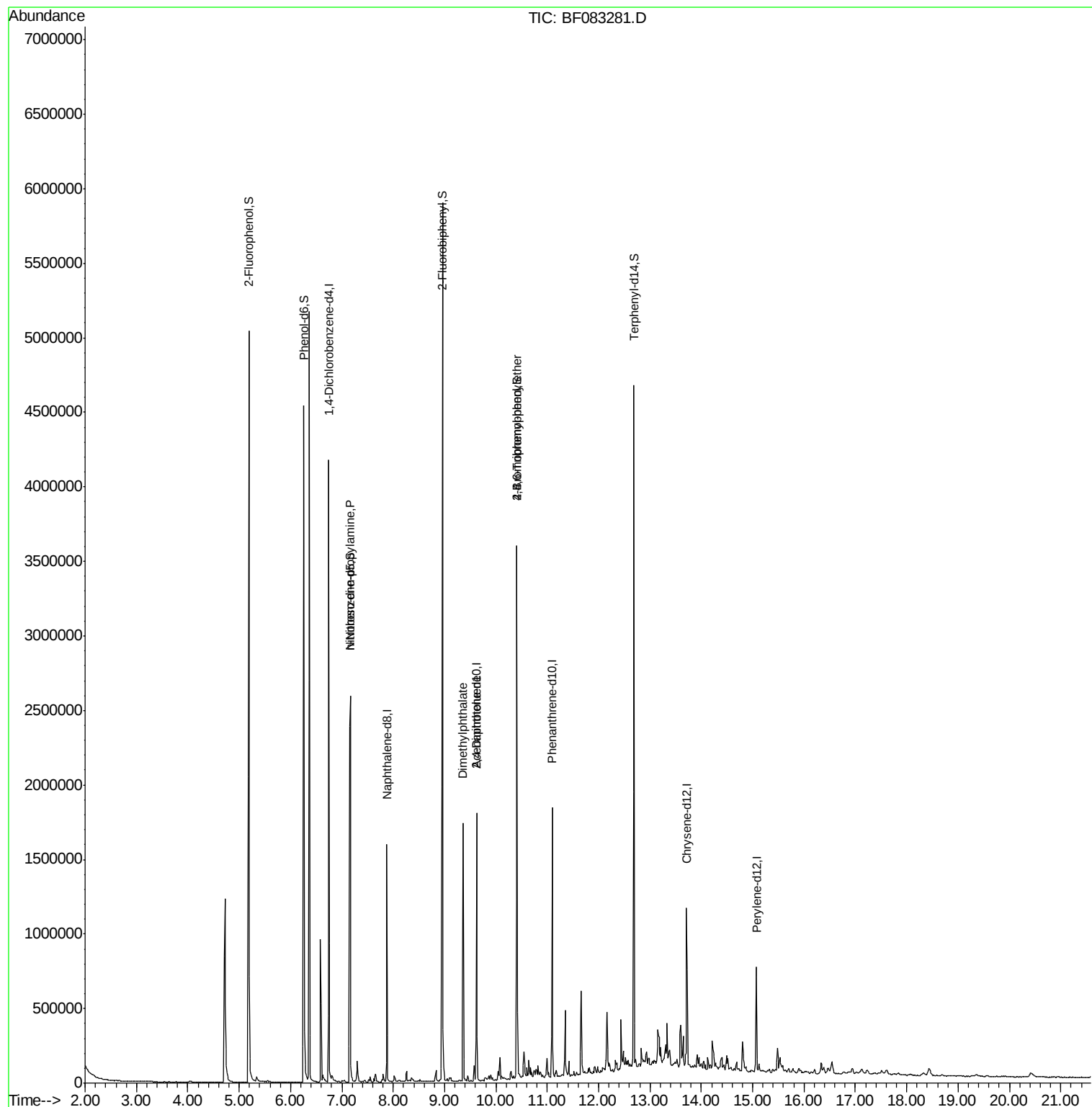
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	608066	20.00	ng	0.08
21) Naphthalene-d8	7.87	136	661683	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	336223	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	609226	20.00	ng	-0.08
75) Chrysene-d12	13.71	240	449298	20.00	ng	-0.09
86) Perylene-d12	15.07	264	384458	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1485440	36.93	ng	-0.09
7) Phenol-d6	6.26	99	2080405	39.98	ng	-0.08
23) Nitrobenzene-d5	7.16	82	1305051	90.12	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	381261	110.84	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1815568	75.30	ng	-0.07
78) Terphenyl-d14	12.68	244	1486742	77.92	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.26	77	3164	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.16	70	174378	4.81 ng	#	72
49) Dimethylphthalate	9.36	163	644682	24.91 ng		100
56) 2,4-Dinitrotoluene	9.62	165	44641	6.07 ng	#	10
66) 4-Bromophenyl-phenylether	10.41	248	27708	4.10 ng	#	1

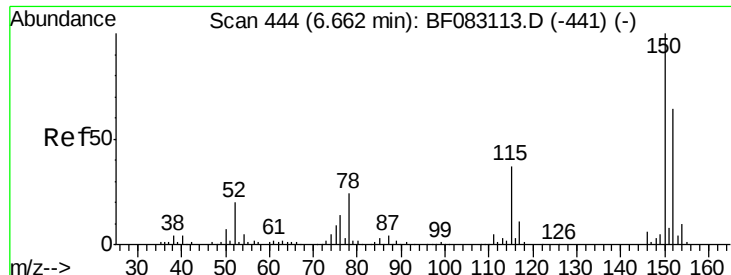
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
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ALS Vial : 8 Sample Multiplier: 1

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BNA_F
ClientSampleId :
P001-BF005-01

Quant Time: Nov 26 01:13:08 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: 6.74 min Scan# 416

Delta R.T. 0.08 min

Lab File: BF083281.D

Acq: 25 Nov 2015 18:54

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01

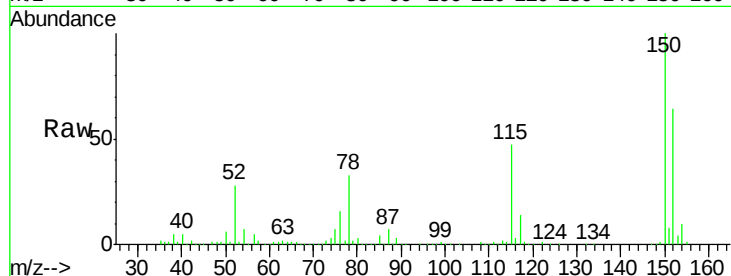
Tgt Ion:152 Resp: 608066

Ion Ratio Lower Upper

152 100

150 155.5 125.8 188.8

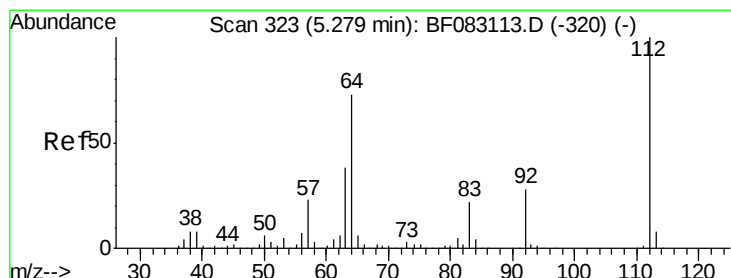
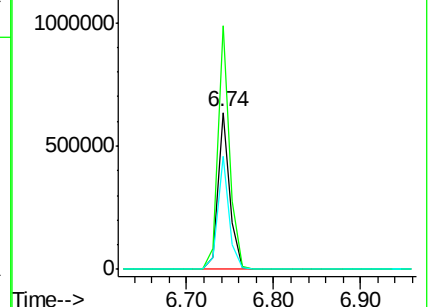
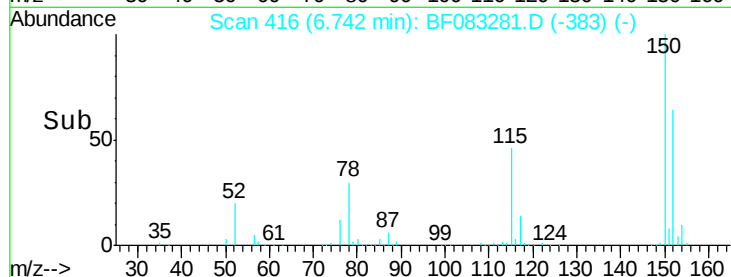
115 72.5 46.9 70.3#



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: 36.93 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083281.D

Acq: 25 Nov 2015 18:54

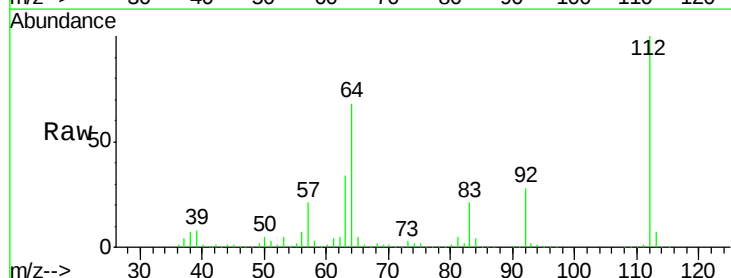
Tgt Ion:112 Resp: 1485440

Ion Ratio Lower Upper

112 100

64 67.7 58.4 87.6

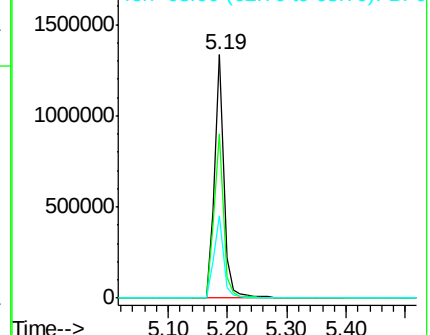
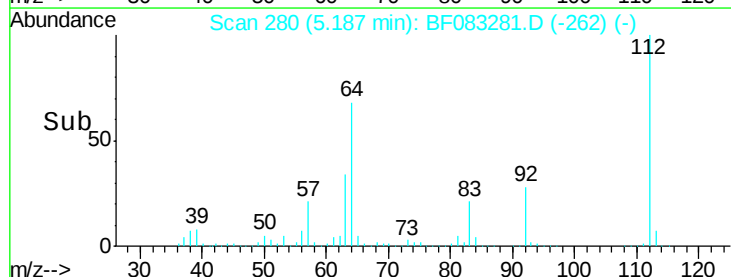
63 34.1 30.0 45.0

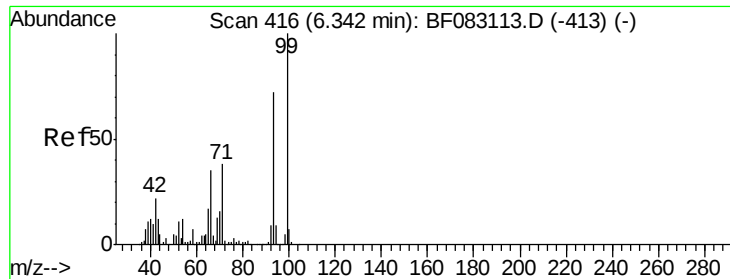


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.98 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083281.D

Acq: 25 Nov 2015 18:54

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01

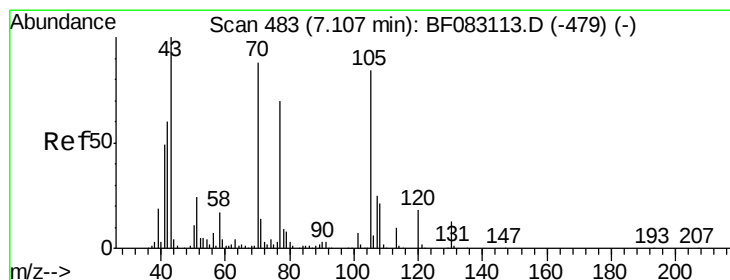
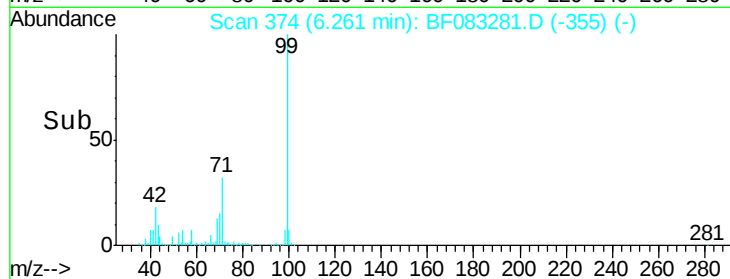
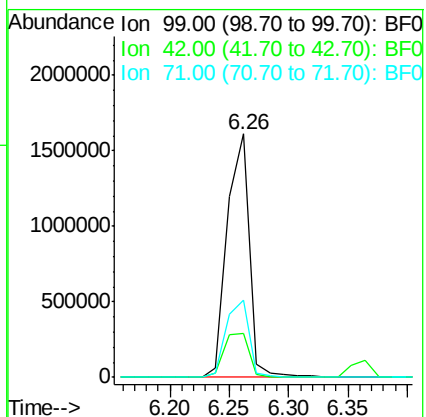
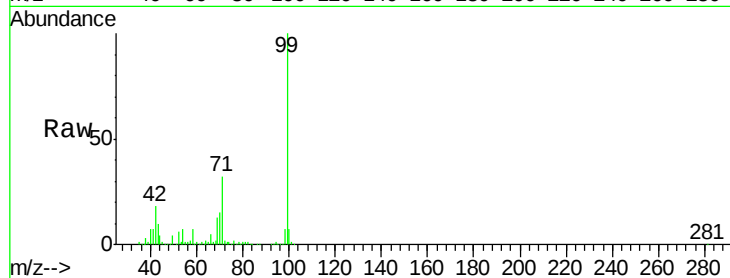
Tgt Ion: 99 Resp: 2080405

Ion Ratio Lower Upper

99 100

42 18.2 17.7 26.5

71 31.8 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.81 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083281.D

Acq: 25 Nov 2015 18:54

Tgt Ion: 70 Resp: 174378

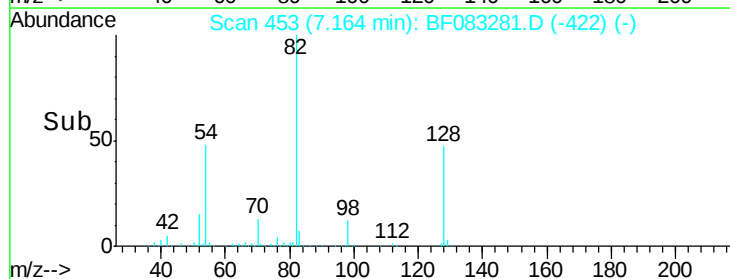
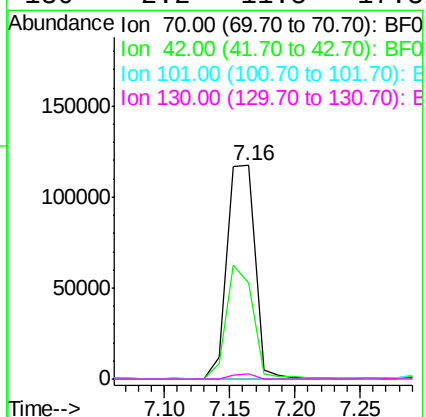
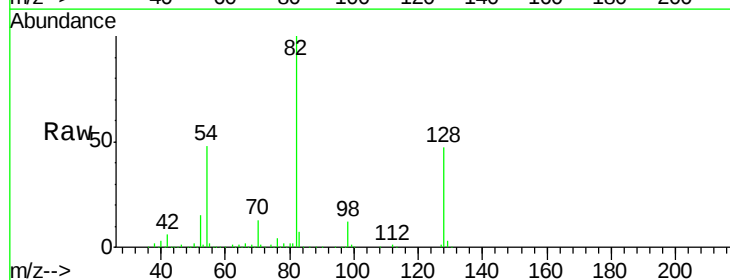
Ion Ratio Lower Upper

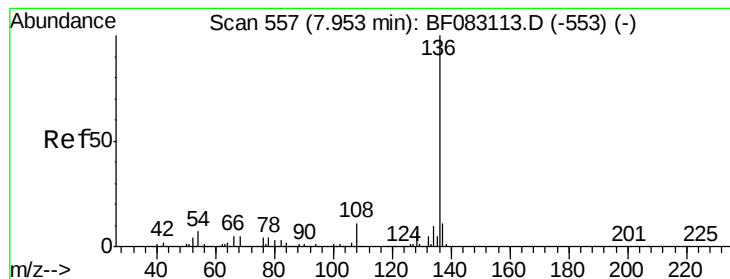
70 100

42 45.0 54.5 81.7#

101 0.0 6.6 9.8#

130 2.2 11.5 17.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083281.D

Acq: 25 Nov 2015 18:54

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01

Tgt Ion:136 Resp: 661683

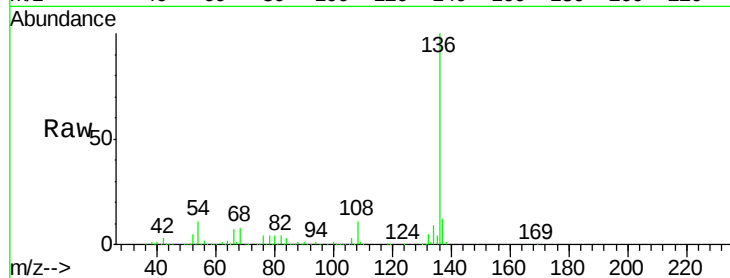
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 11.3 5.8 8.6#

68 8.0 3.8 5.8#

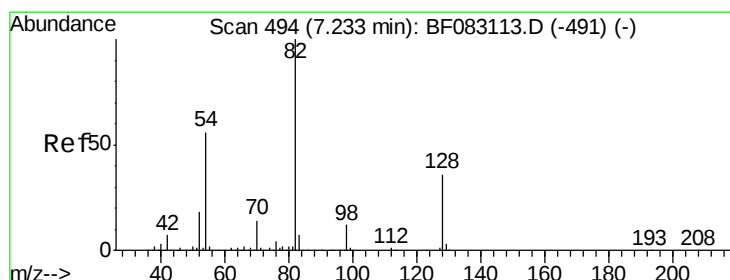
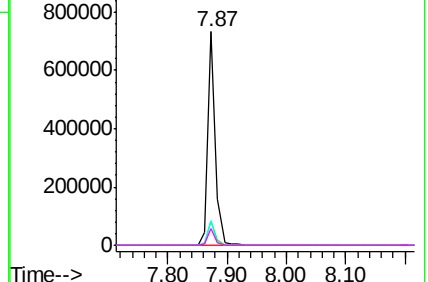
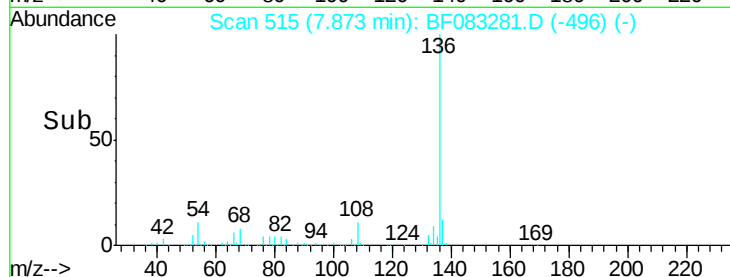


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.12 ng

RT: 7.16 min Scan# 453

Delta R.T. -0.07 min

Lab File: BF083281.D

Acq: 25 Nov 2015 18:54

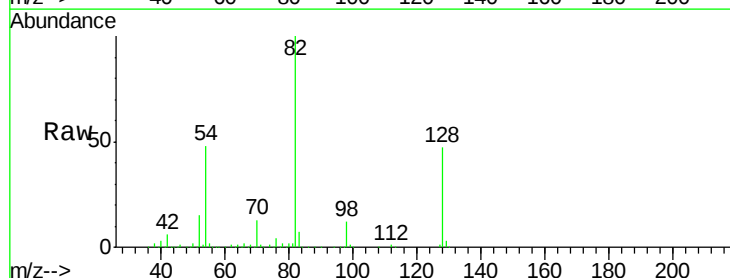
Tgt Ion: 82 Resp: 1305051

Ion Ratio Lower Upper

82 100

128 46.8 28.5 42.7#

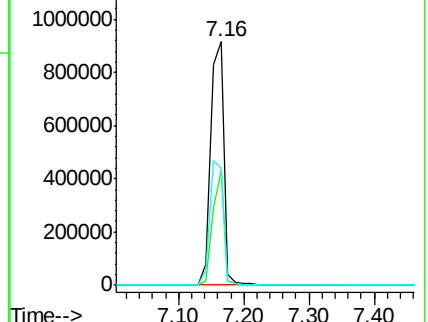
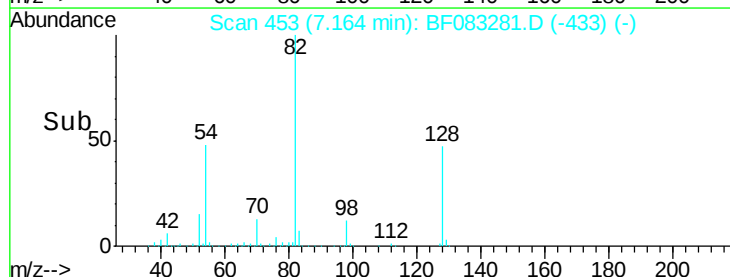
54 47.8 44.6 67.0

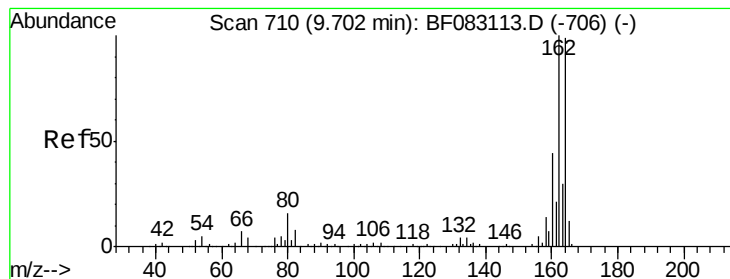


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.62 min Scan# 668

Delta R.T. -0.08 min

Lab File: BF083281.D

Acq: 25 Nov 2015 18:54

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01

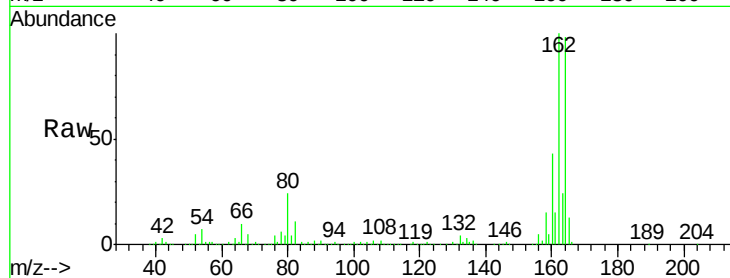
Tgt Ion:164 Resp: 336223

Ion Ratio Lower Upper

164 100

162 102.0 81.2 121.8

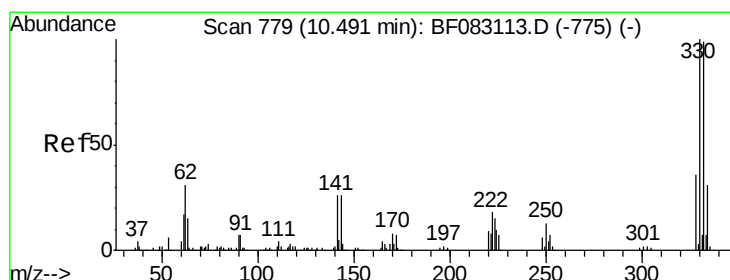
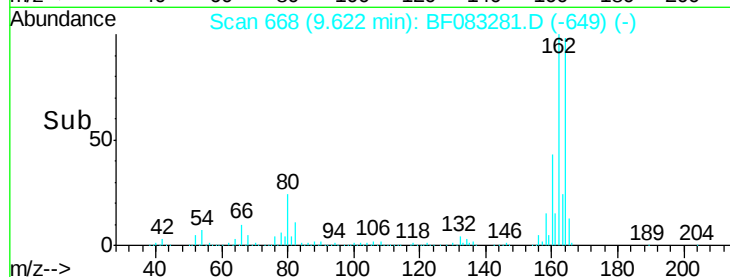
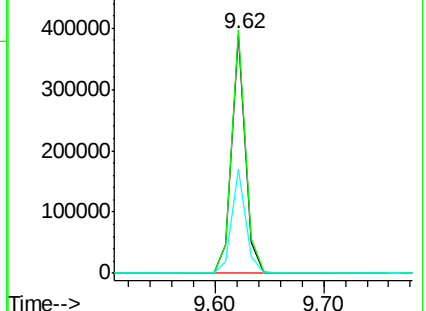
160 43.9 35.6 53.4



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: 110.84 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.08 min

Lab File: BF083281.D

Acq: 25 Nov 2015 18:54

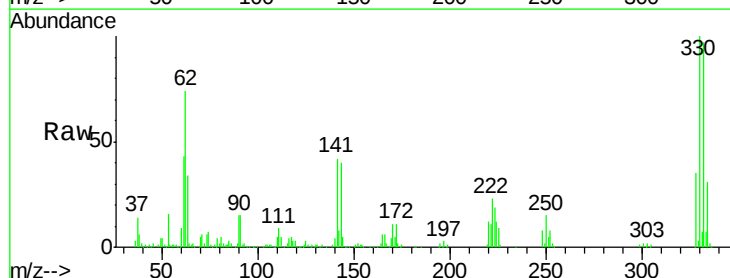
Tgt Ion:330 Resp: 381261

Ion Ratio Lower Upper

330 100

332 97.1 77.7 116.5

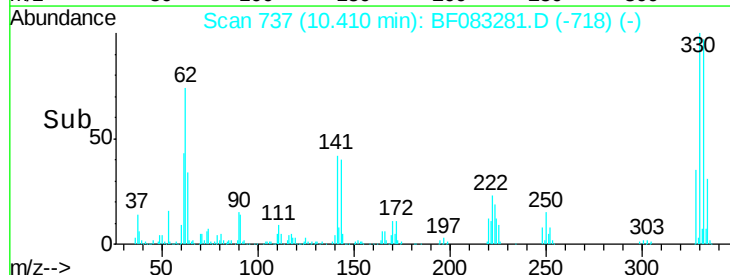
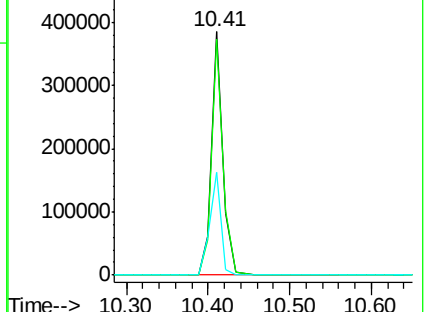
141 42.4 29.7 44.5

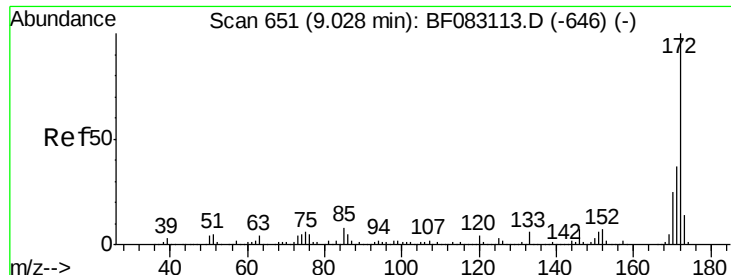


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

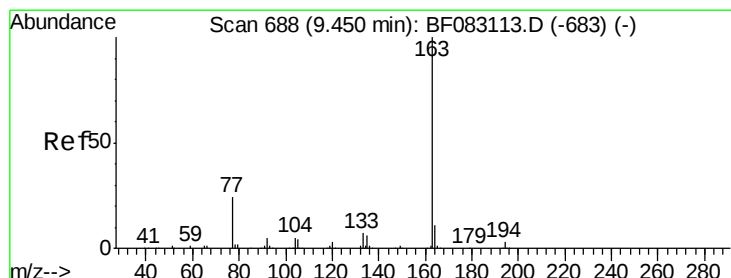
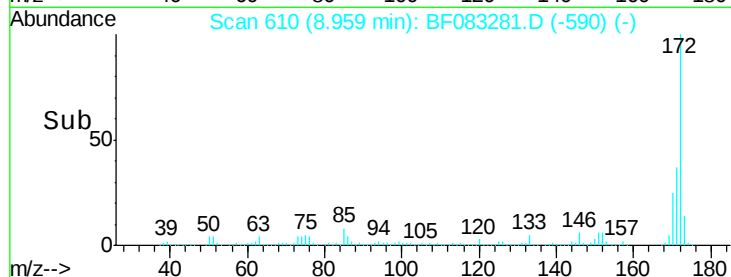
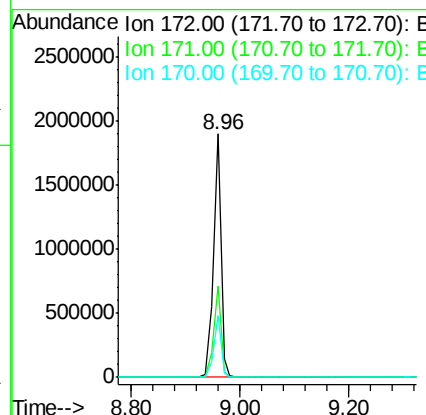
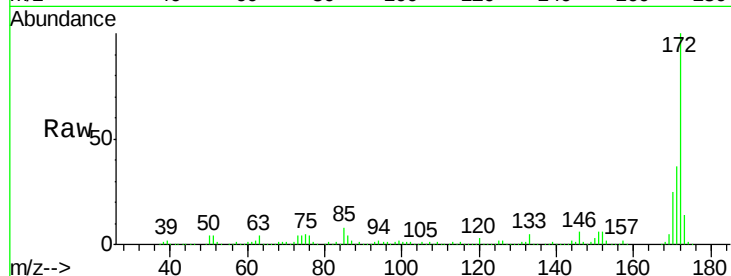




#44
 2-Fluorobiphenyl
 Concen: 75.30 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083281.D
 Acq: 25 Nov 2015 18:54

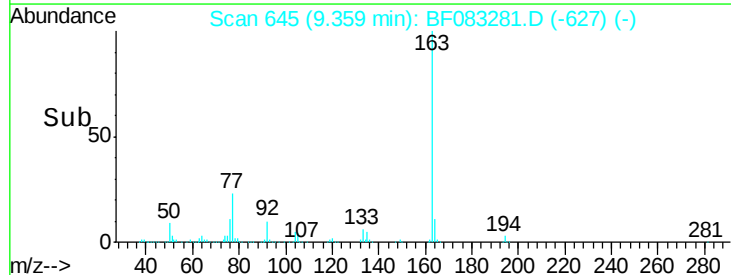
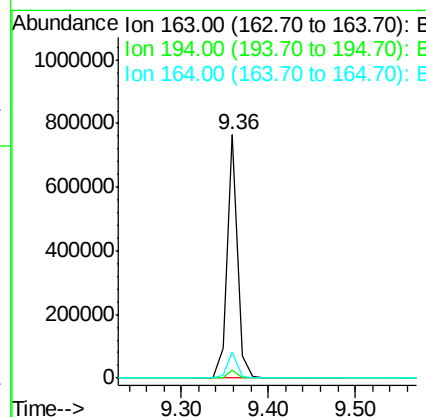
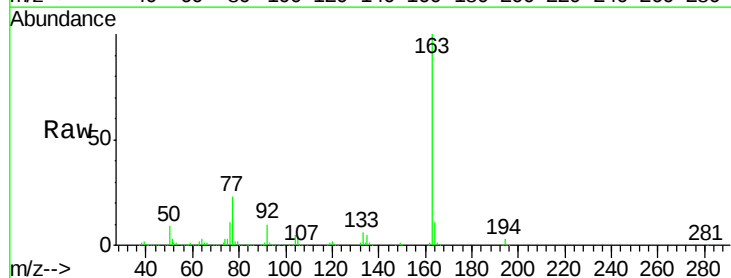
Instrument :
 BNA_F
 ClientSampleId :
 P001-BF005-01

Tgt Ion:172 Resp: 1815568
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.5 44.3
 170 25.4 19.9 29.9



#49
 Dimethylphthalate
 Concen: 24.91 ng
 RT: 9.36 min Scan# 645
 Delta R.T. -0.09 min
 Lab File: BF083281.D
 Acq: 25 Nov 2015 18:54

Tgt Ion:163 Resp: 644682
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.8 8.6 12.8

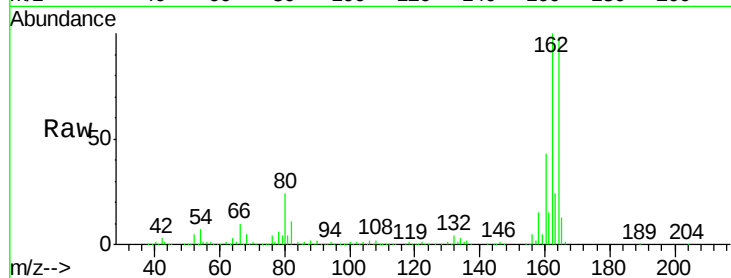




#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.27 min
Lab File: BF083281.D
Acq: 25 Nov 2015 18:54

Instrument :
BNA_F
ClientSampleId :
P001-BF005-01

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

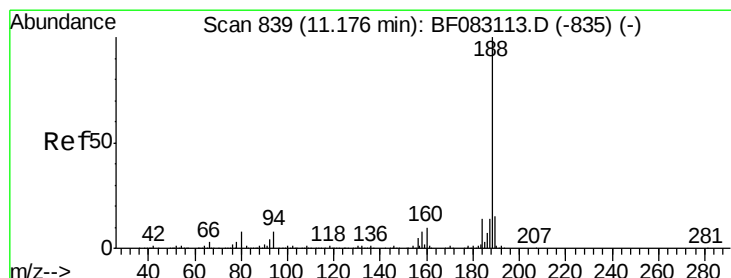
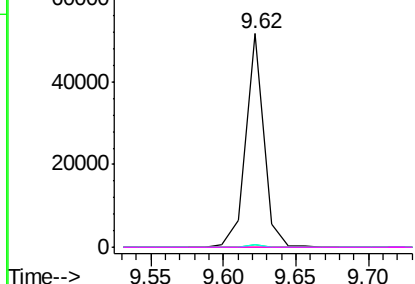
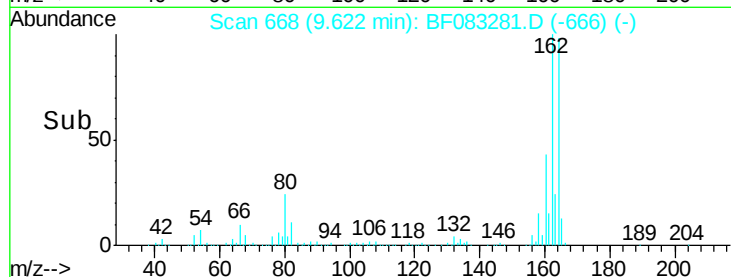


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

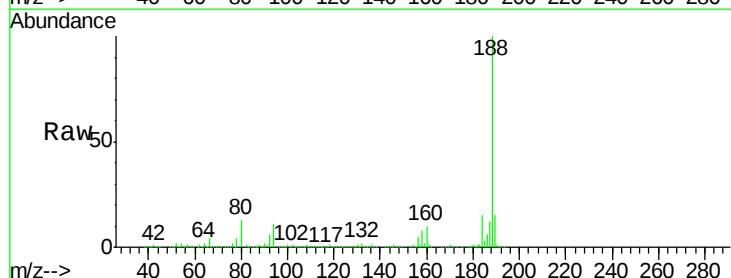
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083281.D
Acq: 25 Nov 2015 18:54

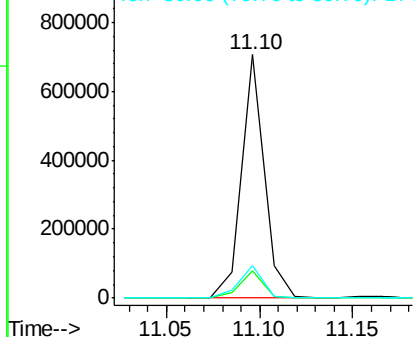
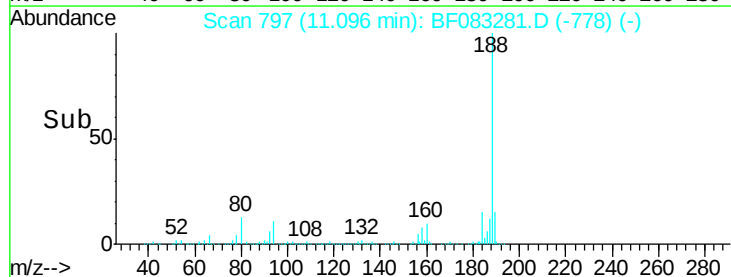
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	6.0	9.0#
80	13.2	6.7	10.1#

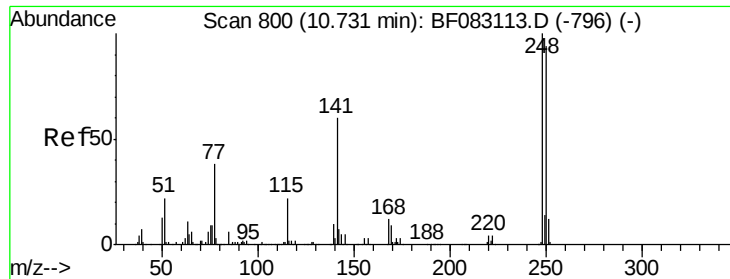


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

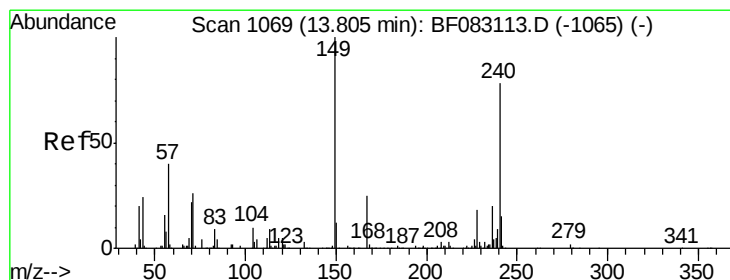
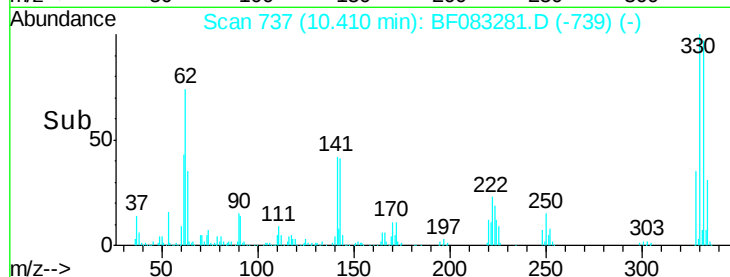
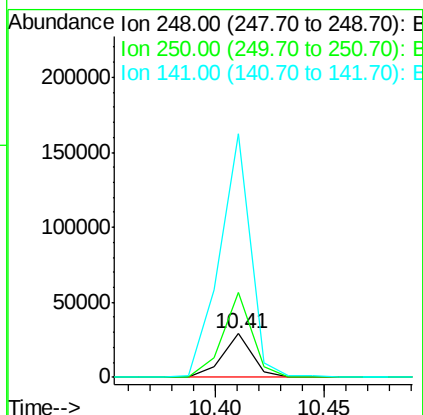
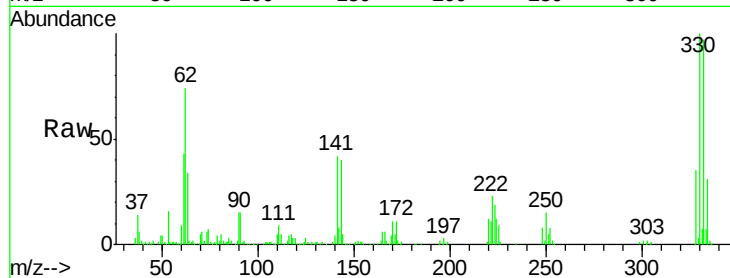




#66
 4-Bromophenyl-phenylether
 Concen: 4.10 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.32 min
 Lab File: BF083281.D
 Acq: 25 Nov 2015 18:54

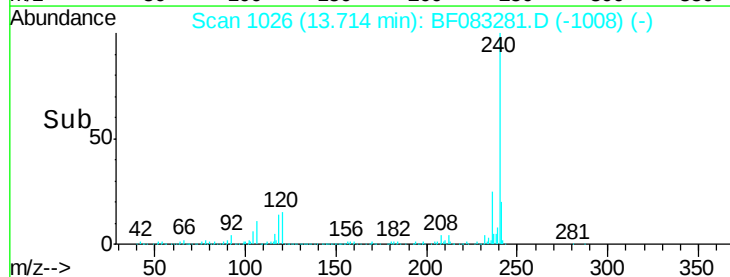
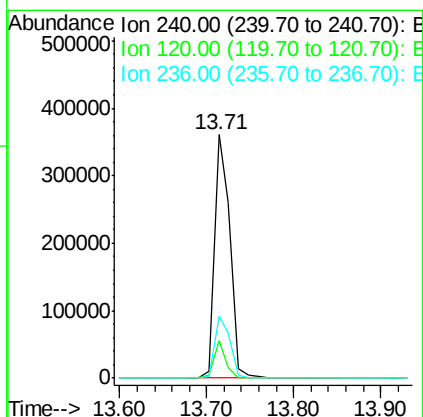
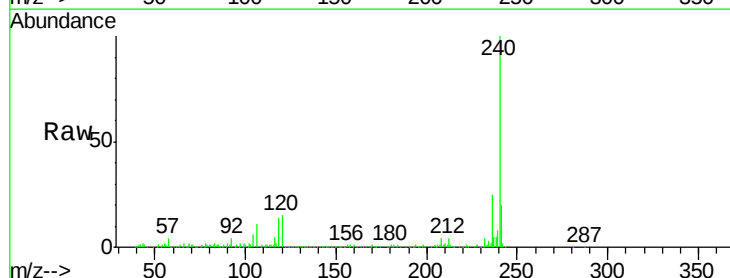
Instrument :
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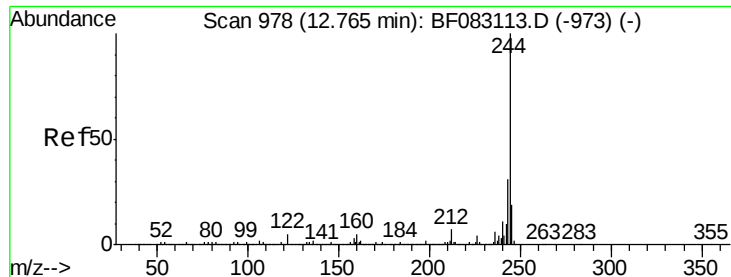
Tgt Ion:248 Resp: 27708
 Ion Ratio Lower Upper
 248 100
 250 196.7 75.4 113.2#
 141 561.7 48.1 72.1#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1026
 Delta R.T. -0.09 min
 Lab File: BF083281.D
 Acq: 25 Nov 2015 18:54

Tgt Ion:240 Resp: 449298
 Ion Ratio Lower Upper
 240 100
 120 15.3 5.4 8.2#
 236 25.2 20.6 31.0





#78

Terphenyl-d14

Concen: 77.92 ng

RT: 12.68 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083281.D

Acq: 25 Nov 2015 18:54

Instrument :

BNA_F

ClientSampleId :

P001-BF005-01

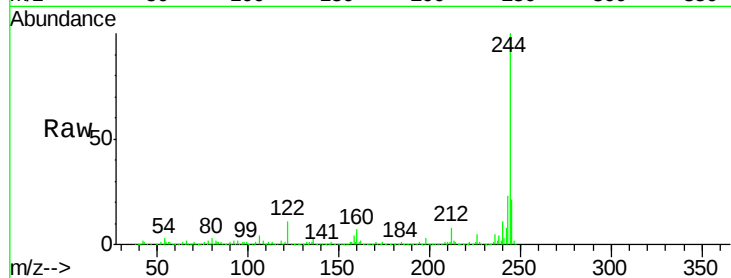
Tgt Ion:244 Resp: 1486742

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.2

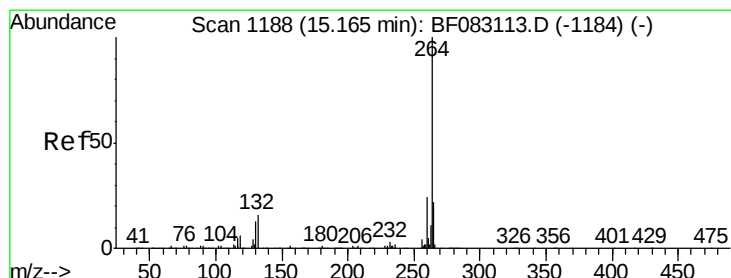
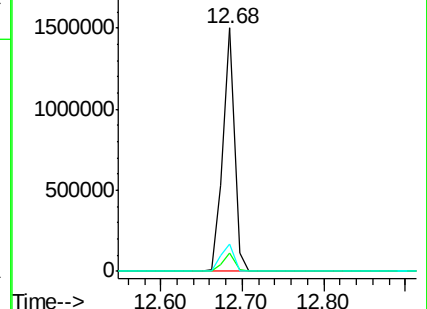
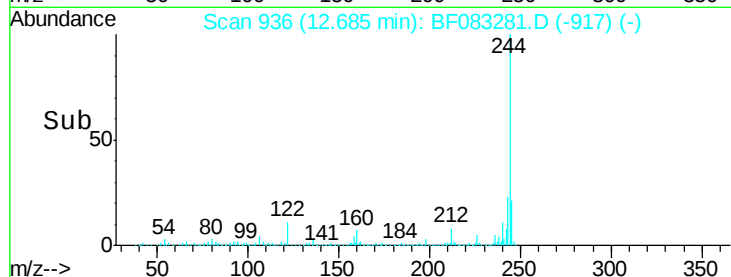
122 11.3 4.3 6.5#



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: 15.07 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF083281.D

Acq: 25 Nov 2015 18:54

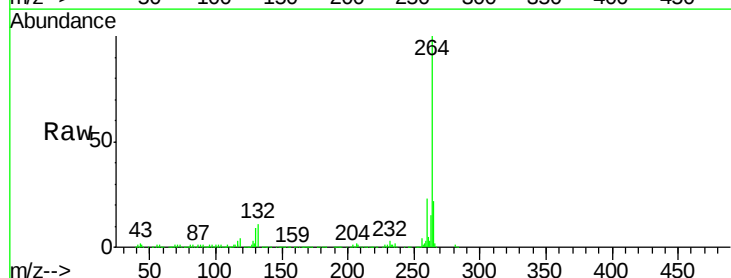
Tgt Ion:264 Resp: 384458

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.9 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

