

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
 Data File : BF083381.D
 Acq On : 1 Dec 2015 19:26
 Operator : UM/IZ
 Sample : G4593-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S32-15

Quant Time: Dec 02 03:14:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

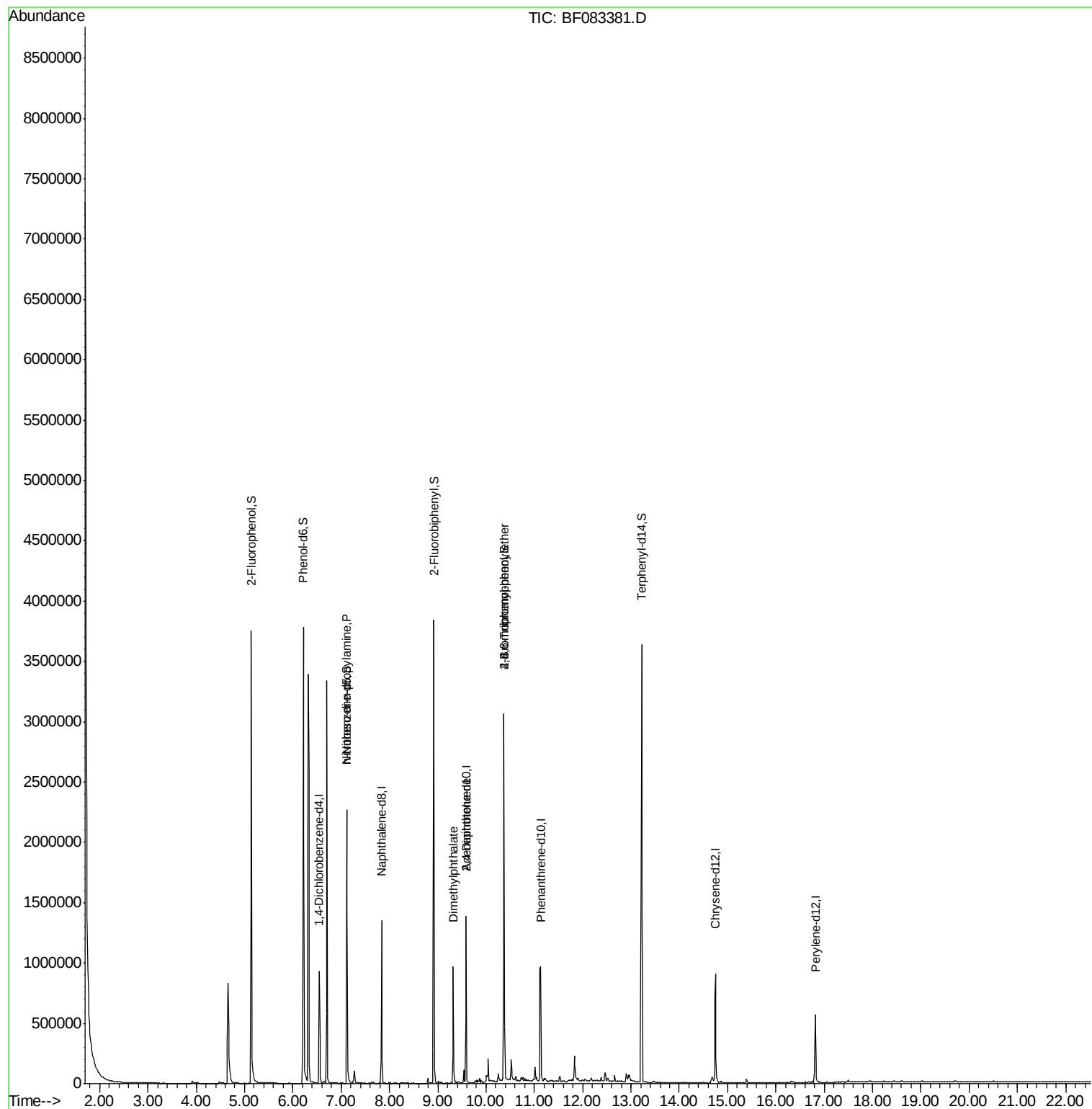
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	147921	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	572243	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	295650	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	543646	20.00	ng	0.00
75) Chrysene-d12	14.75	240	497691	20.00	ng	-0.01
86) Perylene-d12	16.82	264	372180	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1188385	120.55	ng	0.01
7) Phenol-d6	6.21	99	1587075	117.62	ng	-0.01
23) Nitrobenzene-d5	7.12	82	980559	75.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	338323	114.00	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1670873	80.54	ng	0.00
78) Terphenyl-d14	13.22	244	1579028	75.66	ng	0.00
Target Compounds						
9) Benzaldehyde	6.21	77	2409	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	7.12	70	130874	13.57 ng	#	82
49) Dimethylphthalate	9.32	163	398129	16.57 ng		98
56) 2,4-Dinitrotoluene	9.58	165	37825	5.81 ng	#	6
66) 4-Bromophenyl-phenylether	10.37	248	20769	3.49 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: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083381.D

Acq: 1 Dec 2015 19:26

Instrument :

BNA_F

ClientSampleId :

S32-15

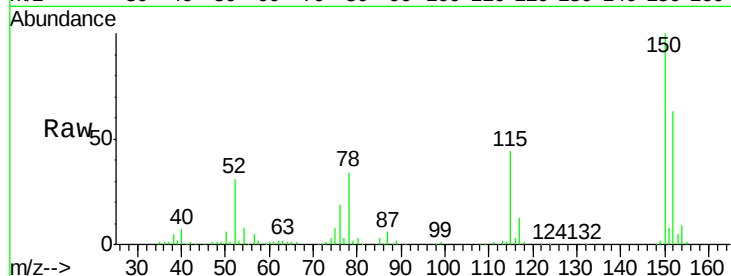
Tgt Ion:152 Resp: 147921

Ion Ratio Lower Upper

152 100

150 158.4 129.8 194.8

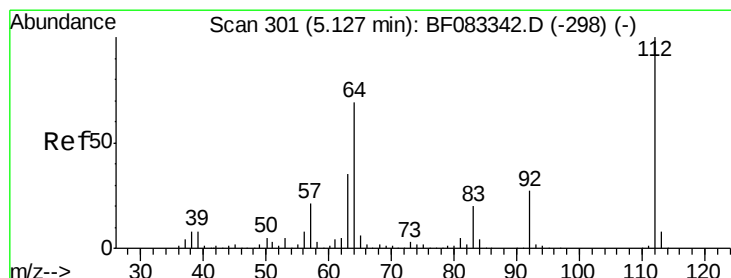
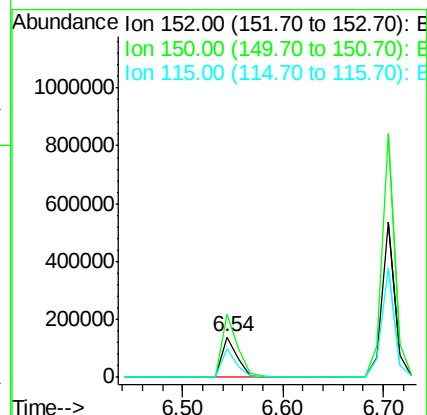
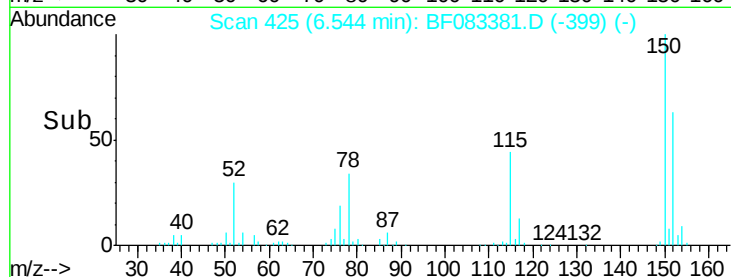
115 70.4 59.2 88.8



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: 120.55 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083381.D

Acq: 1 Dec 2015 19:26

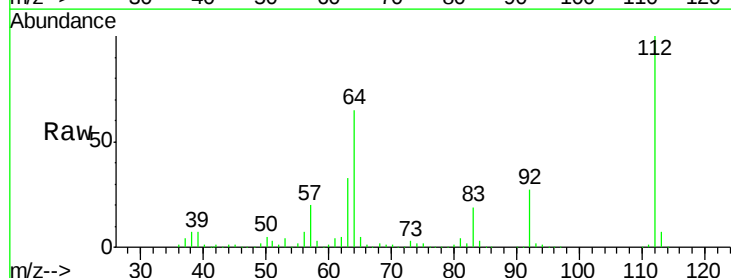
Tgt Ion:112 Resp: 1188385

Ion Ratio Lower Upper

112 100

64 64.7 55.6 83.4

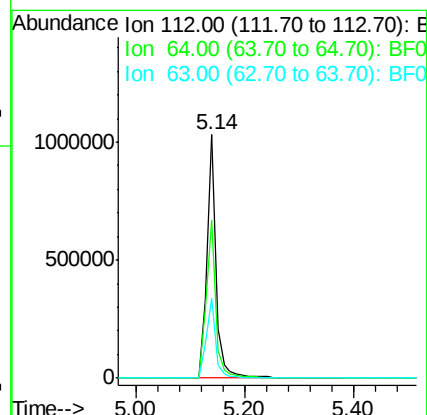
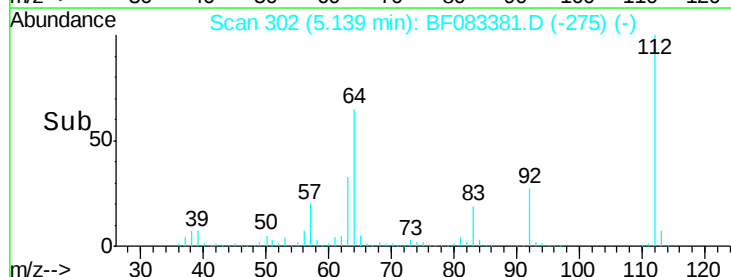
63 32.9 28.2 42.2

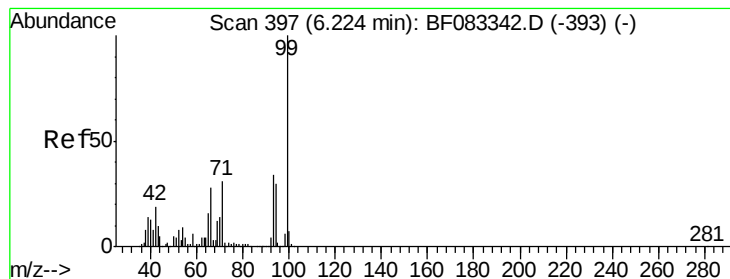


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.62 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083381.D

Acq: 1 Dec 2015 19:26

Instrument :

BNA_F

ClientSampleId :

S32-15

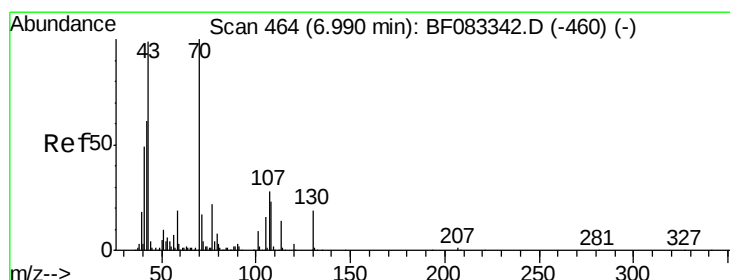
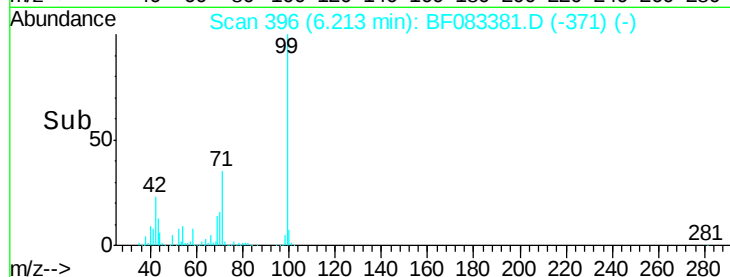
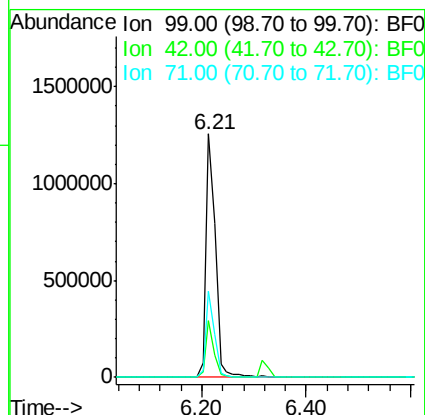
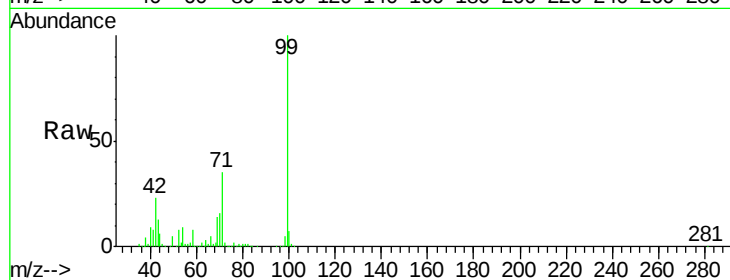
Tgt Ion: 99 Resp: 1587075

Ion Ratio Lower Upper

99 100

42 23.1 14.9 22.3#

71 35.2 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.57 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083381.D

Acq: 1 Dec 2015 19:26

Tgt Ion: 70 Resp: 130874

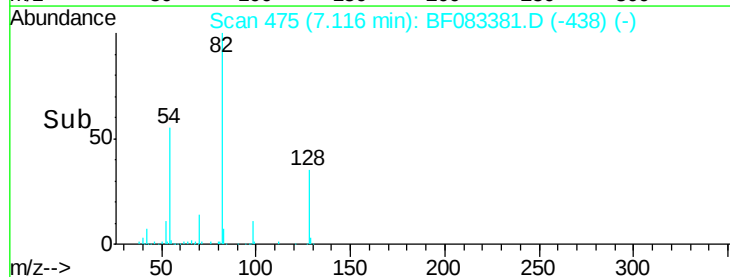
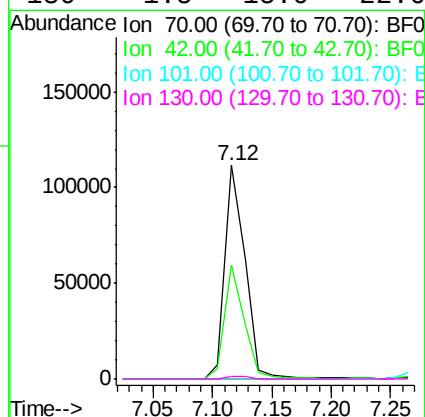
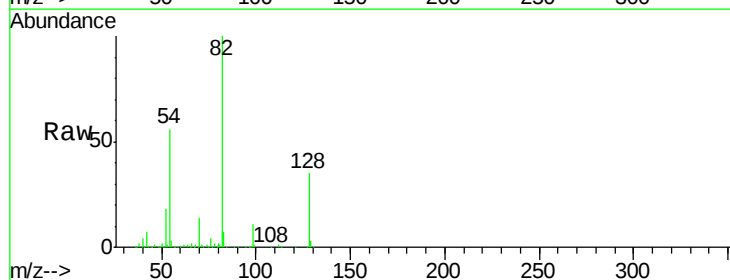
Ion Ratio Lower Upper

70 100

42 53.1 48.8 73.2

101 0.0 7.1 10.7#

130 1.5 15.0 22.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083381.D

Acq: 1 Dec 2015 19:26

Instrument :

BNA_F

ClientSampleId :

S32-15

Tgt Ion: 136 Resp: 572243

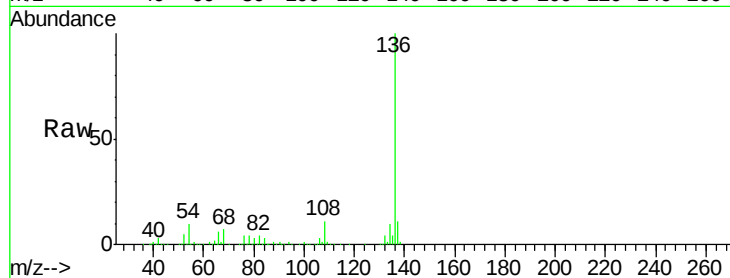
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 10.0 10.1 15.1#

68 7.0 7.1 10.7#

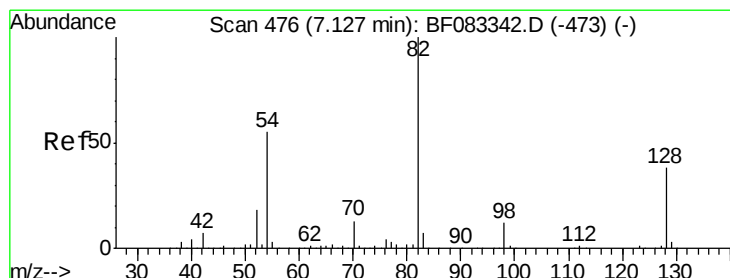
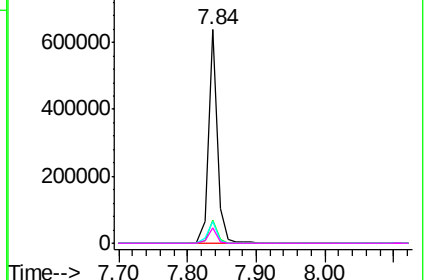
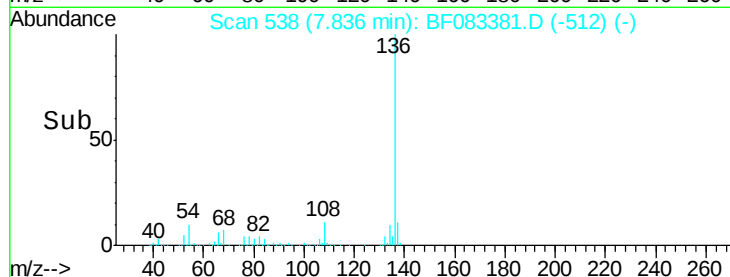


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.33 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083381.D

Acq: 1 Dec 2015 19:26

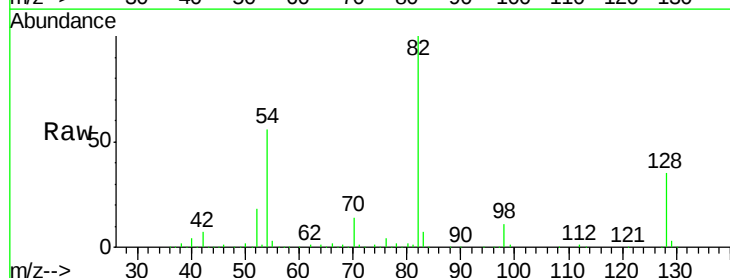
Tgt Ion: 82 Resp: 980559

Ion Ratio Lower Upper

82 100

128 35.2 30.6 46.0

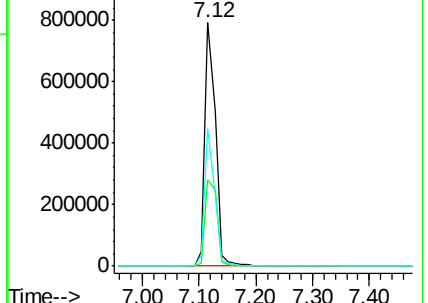
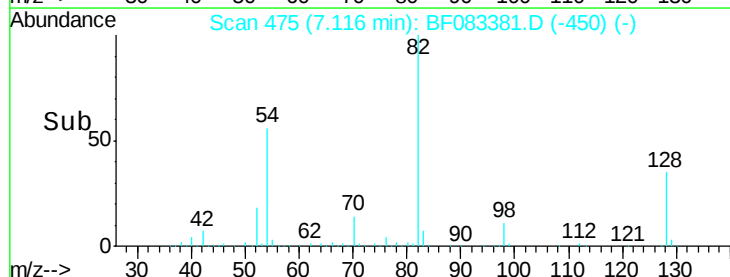
54 56.4 43.8 65.6

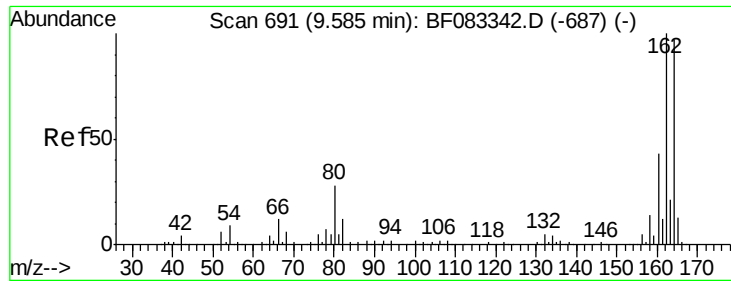


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.58 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF083381.D

Acq: 1 Dec 2015 19:26

Instrument :

BNA_F

ClientSampleId :

S32-15

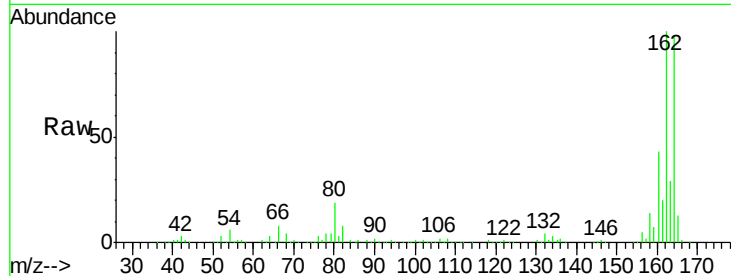
Tgt Ion:164 Resp: 295650

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

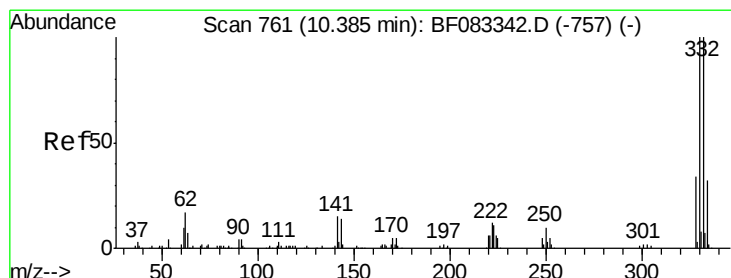
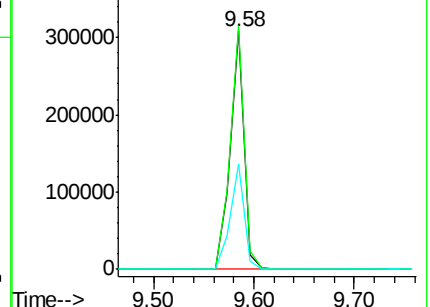
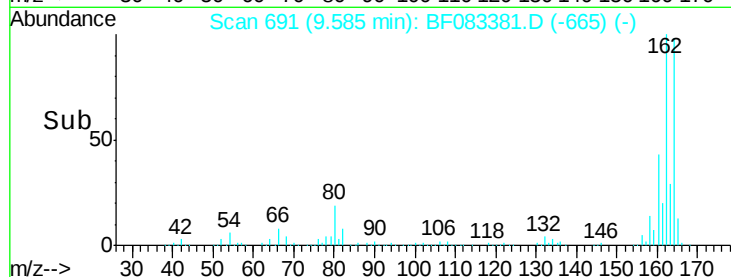
160 44.2 35.3 52.9



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: 114.00 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF083381.D

Acq: 1 Dec 2015 19:26

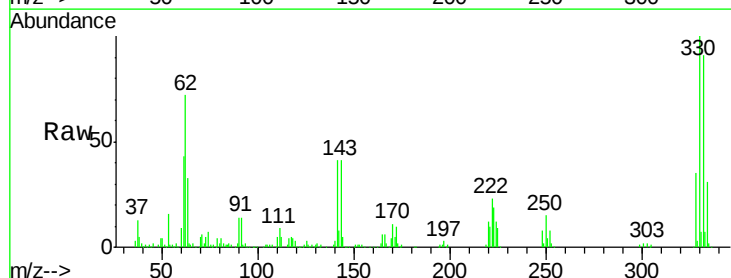
Tgt Ion:330 Resp: 338323

Ion Ratio Lower Upper

330 100

332 92.4 77.8 116.6

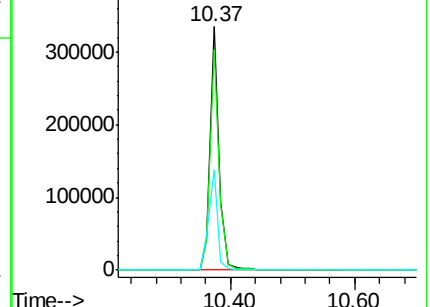
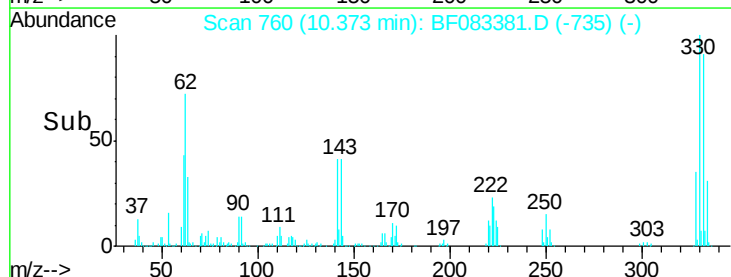
141 41.2 29.4 44.0

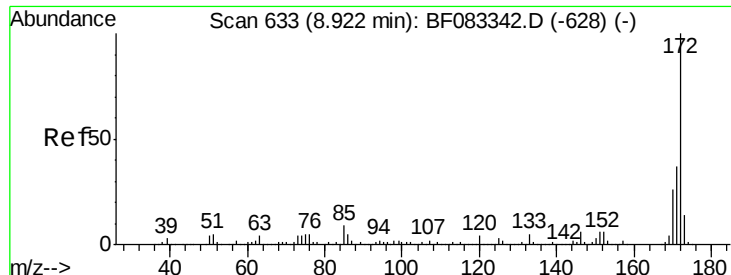


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

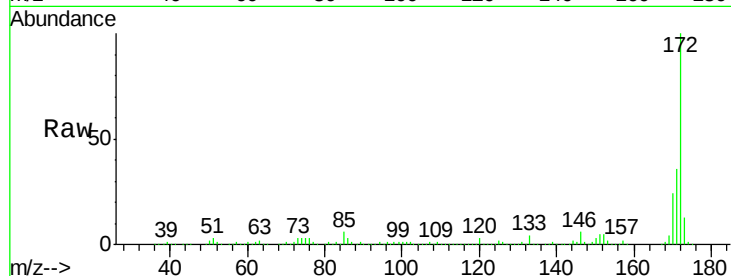




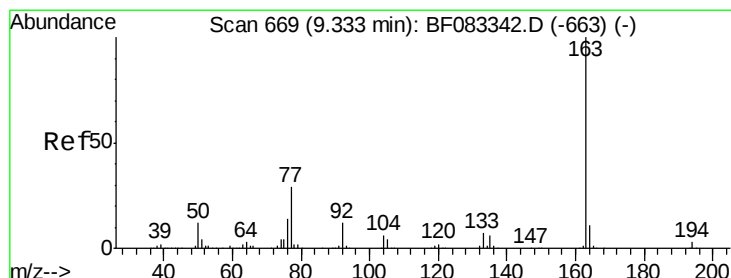
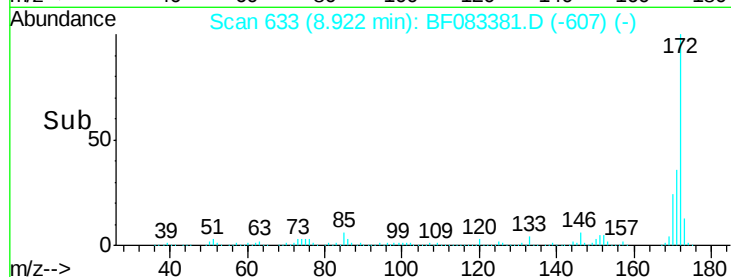
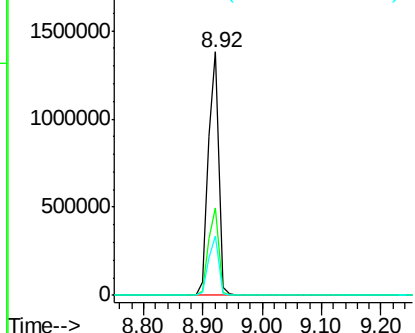
#44
 2-Fluorobiphenyl
 Concen: 80.54 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083381.D
 Acq: 1 Dec 2015 19:26

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 1670873
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.3 20.4 30.6

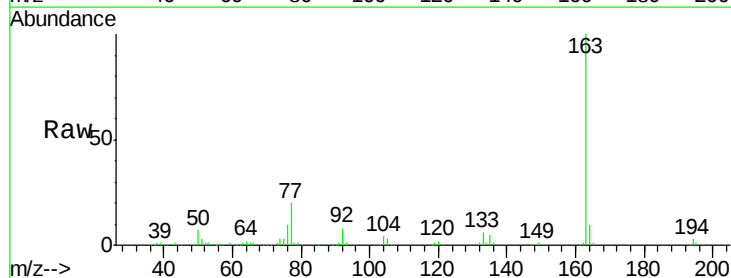


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

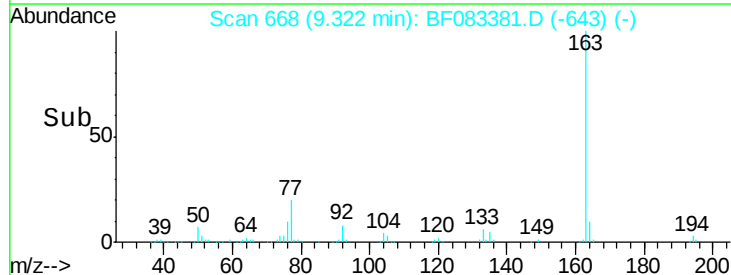
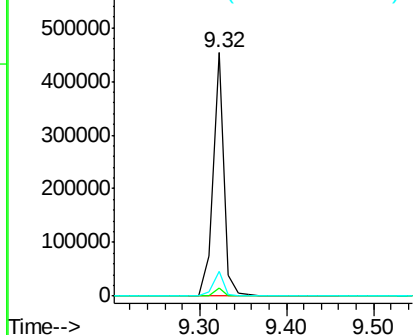


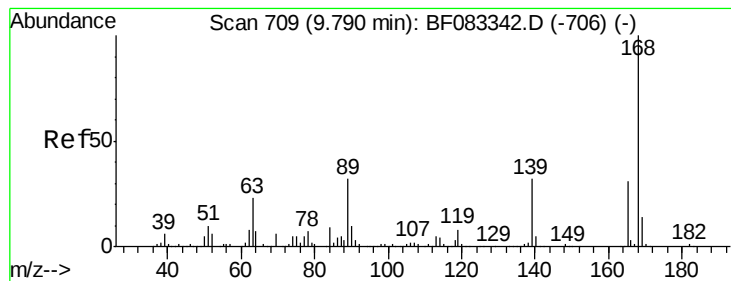
#49
 Dimethylphthalate
 Concen: 16.57 ng
 RT: 9.32 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF083381.D
 Acq: 1 Dec 2015 19:26

Tgt Ion:163 Resp: 398129
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 10.2 8.8 13.2



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

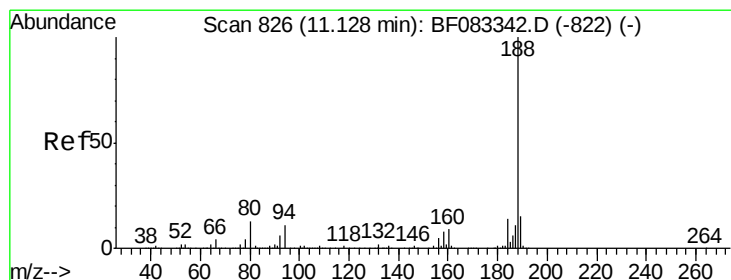
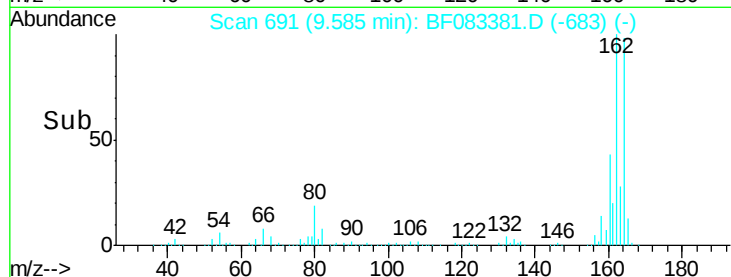
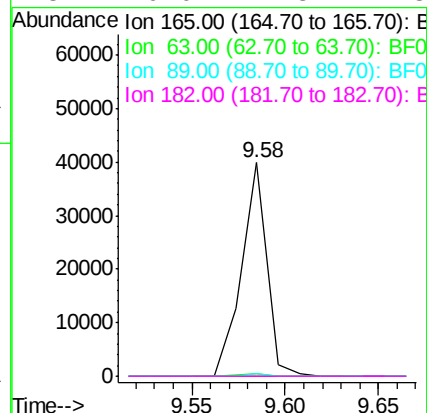
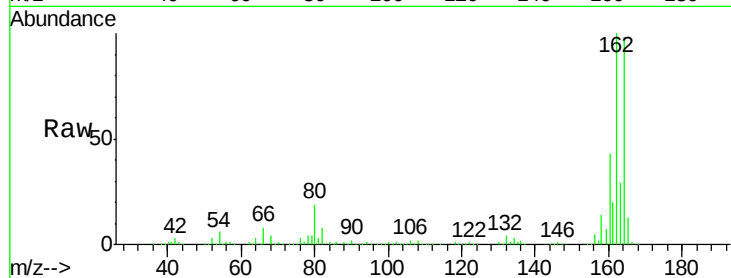




#56
 2,4-Dinitrotoluene
 Concen: 5.81 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.21 min
 Lab File: BF083381.D
 Acq: 1 Dec 2015 19:26

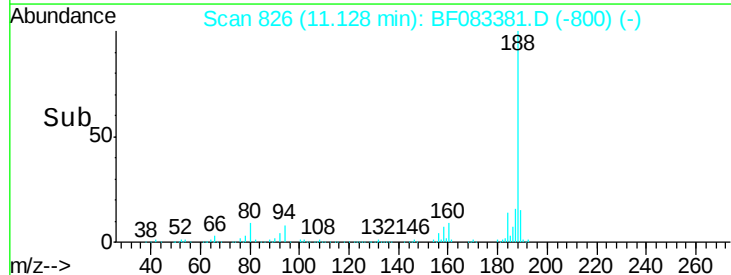
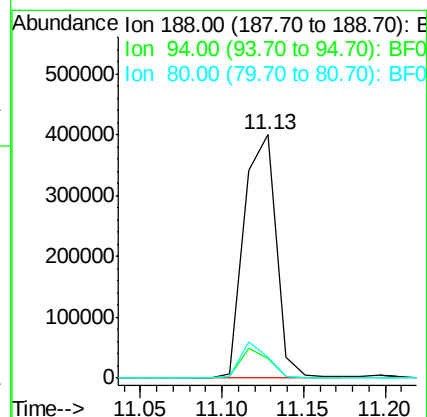
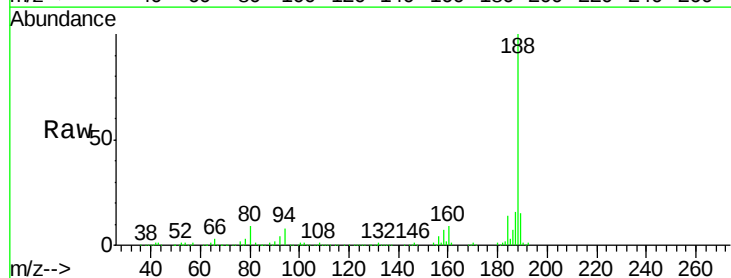
Instrument :
 BNA_F
 ClientSampleId :
 S32-15

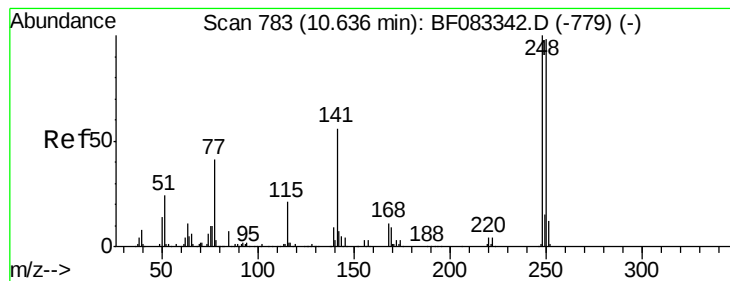
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	65.4	98.0#
89	1.4	81.2	121.8#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF083381.D
 Acq: 1 Dec 2015 19:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.7	13.1#
80	8.7	10.3	15.5#





#66

4-Bromophenyl-phenylether

Concen: 3.49 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.26 min

Lab File: BF083381.D

Acq: 1 Dec 2015 19:26

Instrument :

BNA_F

ClientSampleId :

S32-15

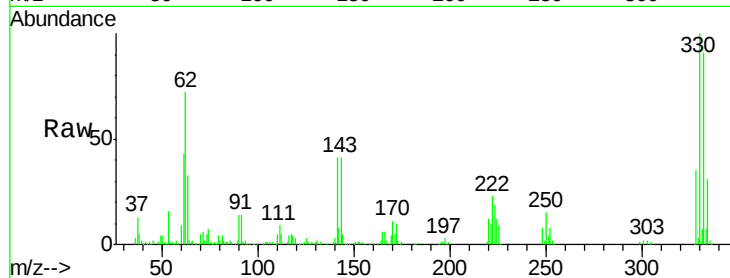
Tgt Ion:248 Resp: 20769

Ion Ratio Lower Upper

248 100

250 186.4 78.6 118.0#

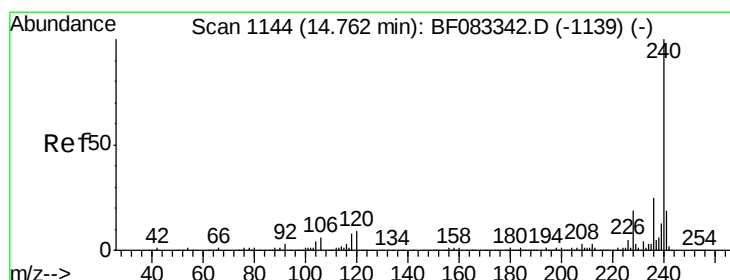
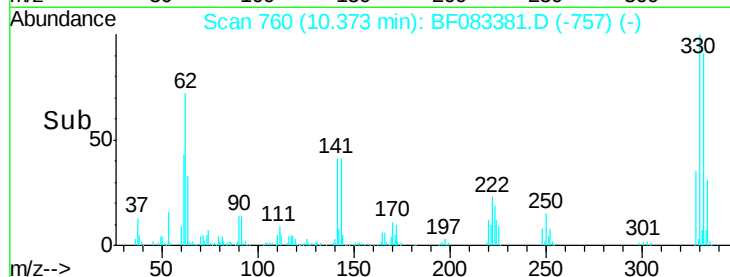
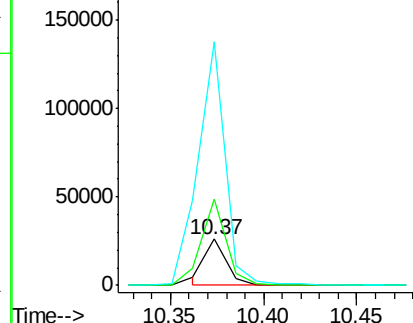
141 528.5 44.4 66.6#



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: 14.75 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF083381.D

Acq: 1 Dec 2015 19:26

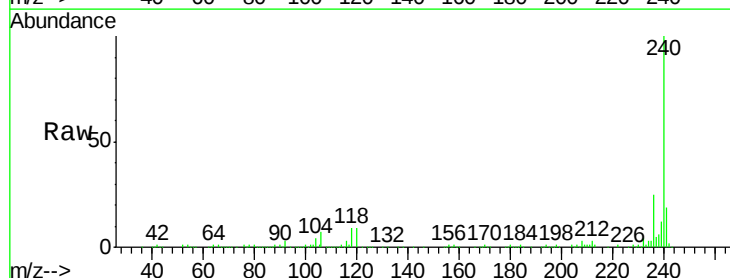
Tgt Ion:240 Resp: 497691

Ion Ratio Lower Upper

240 100

120 9.3 6.9 10.3

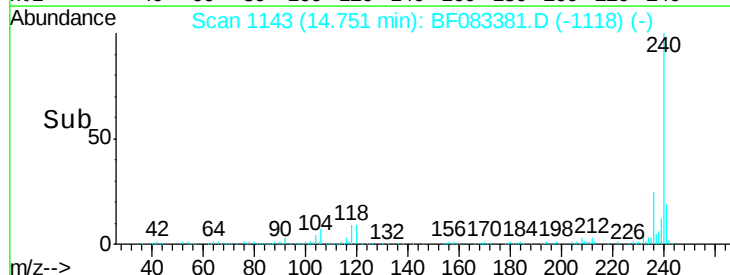
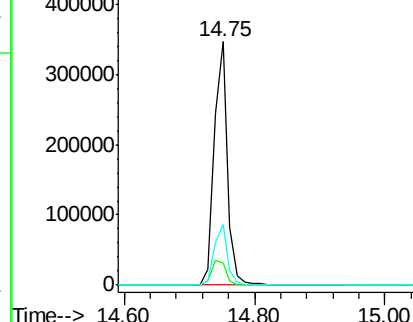
236 25.0 19.8 29.6

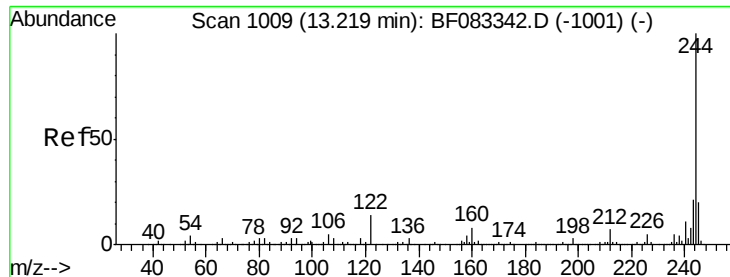


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.66 ng

RT: 13.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF083381.D

Acq: 1 Dec 2015 19:26

Instrument :

BNA_F

ClientSampleId :

S32-15

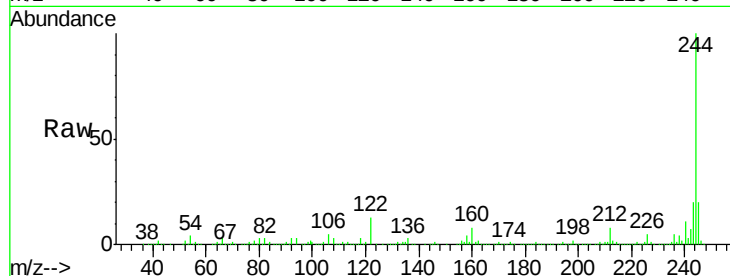
Tgt Ion:244 Resp: 1579028

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

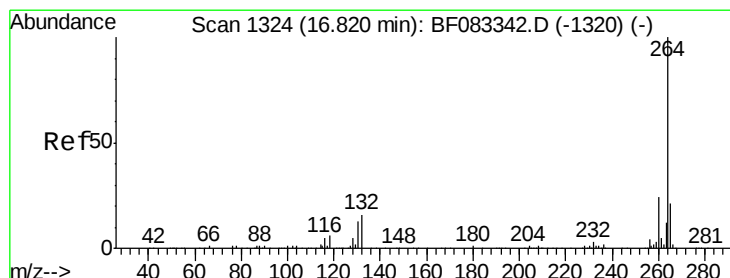
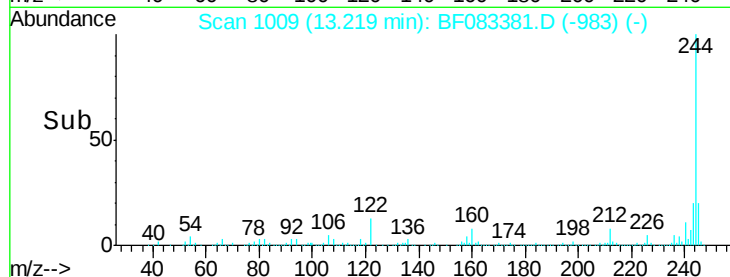
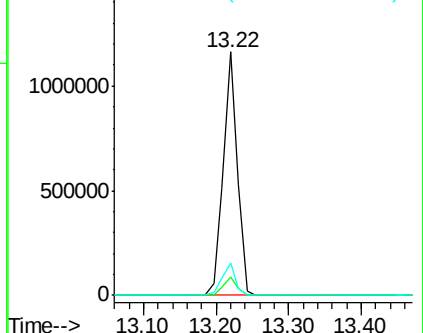
122 13.3 11.0 16.4



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: 16.82 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF083381.D

Acq: 1 Dec 2015 19:26

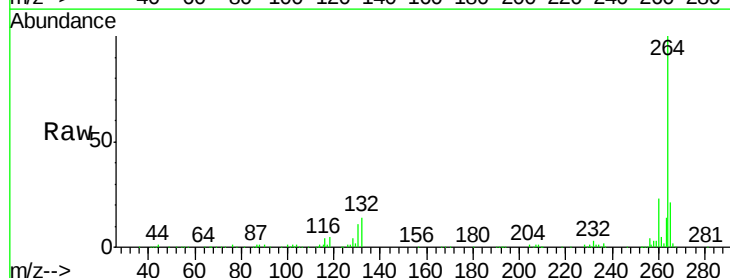
Tgt Ion:264 Resp: 372180

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 20.9 16.8 25.2



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

