

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082932.D
 Acq On : 14 Nov 2015 9:08
 Operator : UM/IZ
 Sample : G4331-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-SF-002-01

Quant Time: Nov 16 00:58:49 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

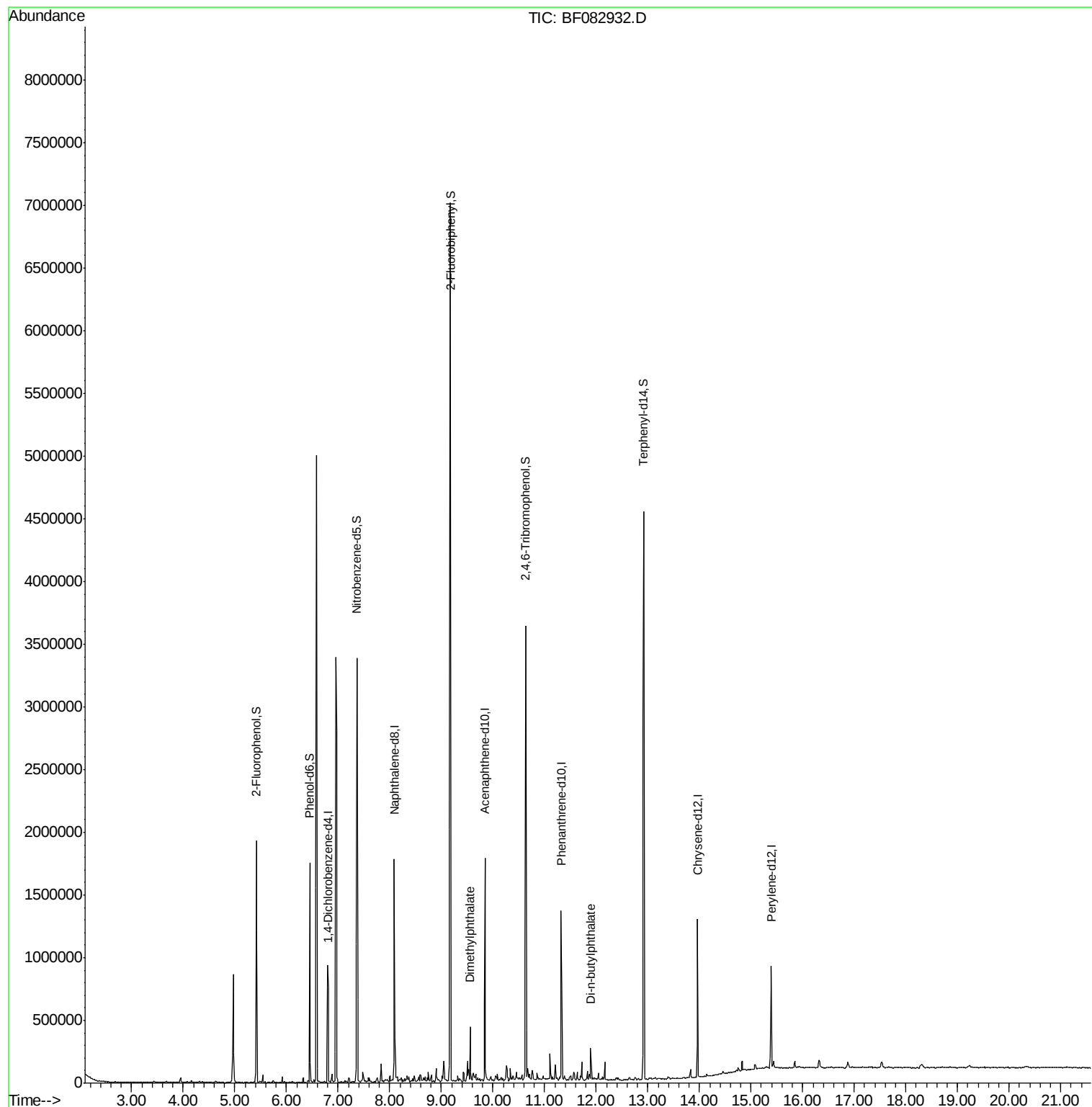
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	193134	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	703694	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	358267	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	589886	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	407577	20.00	ng	-0.06
86) Perylene-d12	15.39	264	421458	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	638339	51.43	ng	-0.03
7) Phenol-d6	6.45	99	508463	30.81	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1237940	76.55	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	366895	89.31	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1936693	77.48	ng	-0.05
78) Terphenyl-d14	12.92	244	1734040	100.91	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.56	163	149906	5.11	ng	99
73) Di-n-butylphthalate	11.89	149	143384	3.64	ng	97

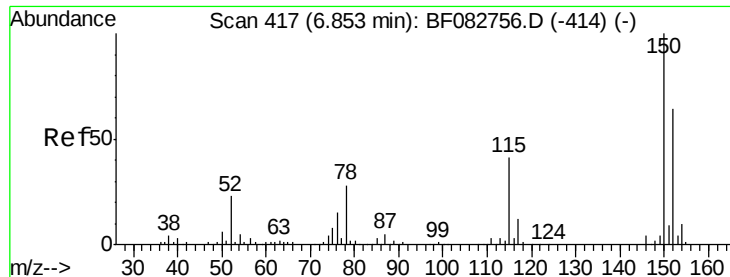
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF082932.D

Acq: 14 Nov 2015 9:08

Instrument :

BNA_F

ClientSampleId :

LIBERTY-SF-002-01

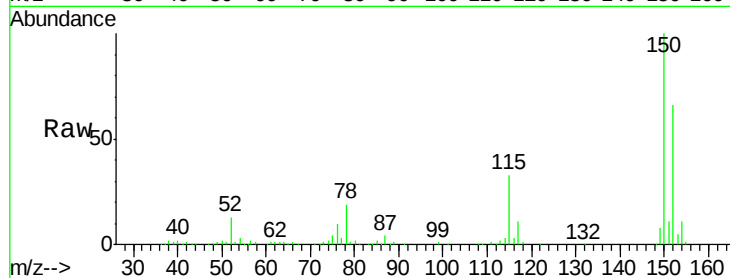
Tgt Ion:152 Resp: 193134

Ion Ratio Lower Upper

152 100

150 151.5 127.0 190.4

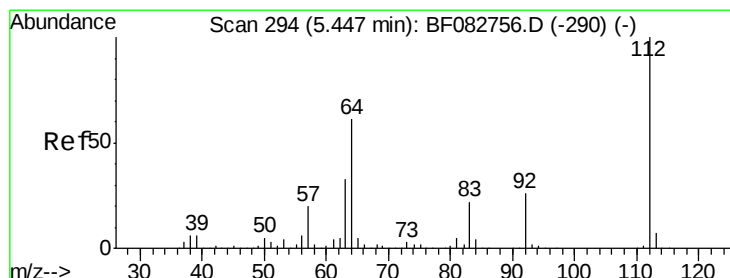
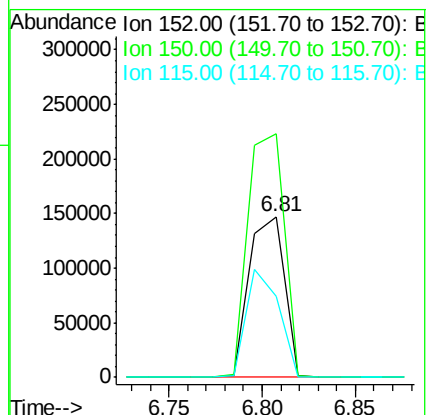
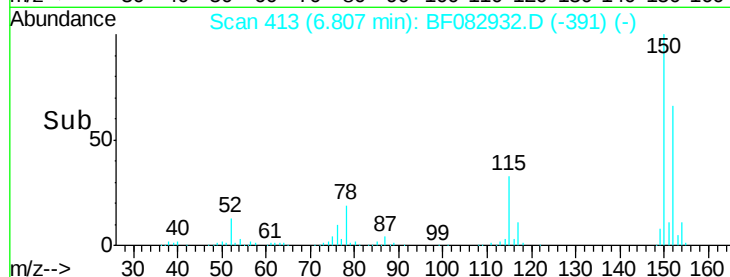
115 50.3 47.0 70.6



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: 51.43 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF082932.D

Acq: 14 Nov 2015 9:08

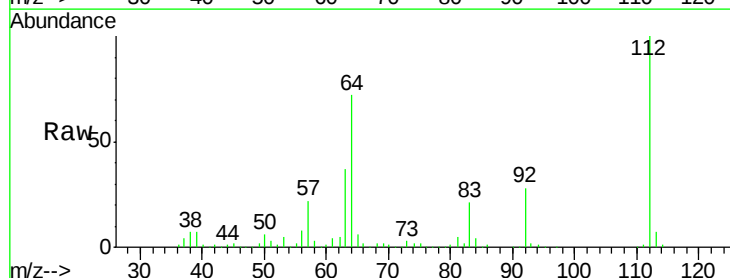
Tgt Ion:112 Resp: 638339

Ion Ratio Lower Upper

112 100

64 72.5 48.9 73.3

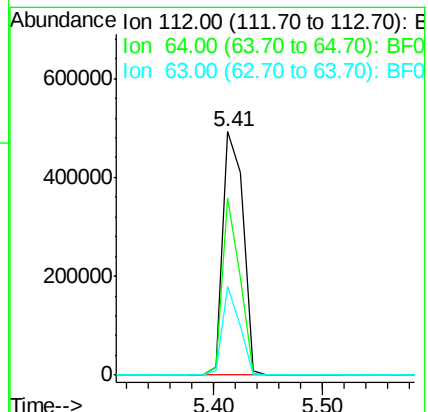
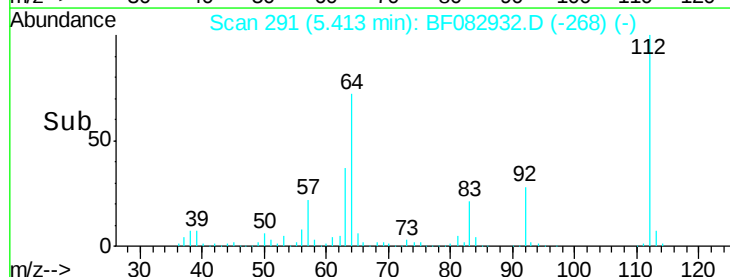
63 36.5 28.1 42.1

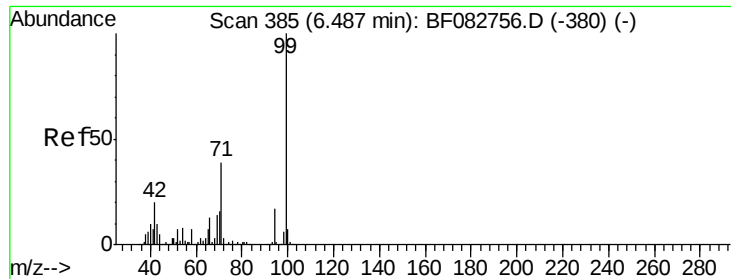


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.81 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082932.D

Acq: 14 Nov 2015 9:08

Instrument :

BNA_F

ClientSampleId :

LIBERTY-SF-002-01

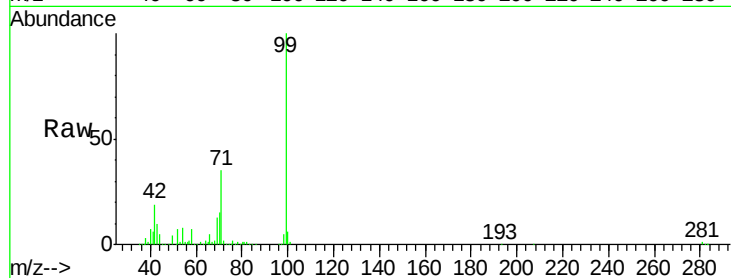
Tgt Ion: 99 Resp: 508463

Ion Ratio Lower Upper

99 100

42 19.1 19.2 28.8#

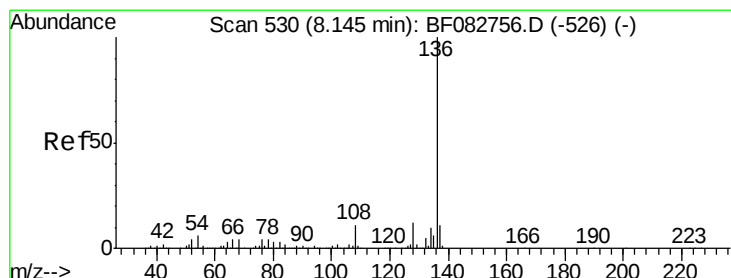
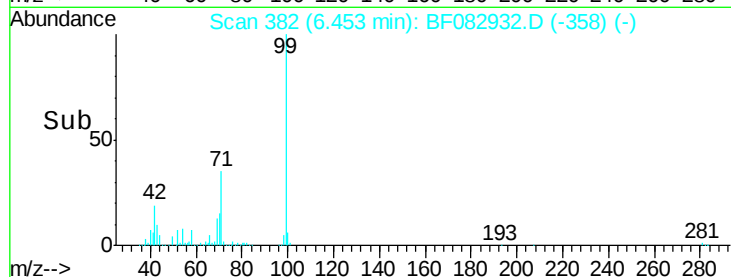
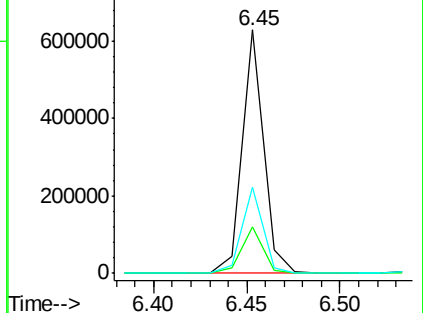
71 35.3 35.0 52.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF082932.D

Acq: 14 Nov 2015 9:08

Tgt Ion: 136 Resp: 703694

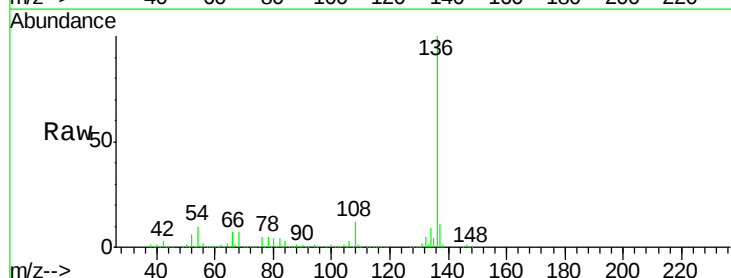
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 10.5 9.1 13.7

68 7.2 4.8 7.2#

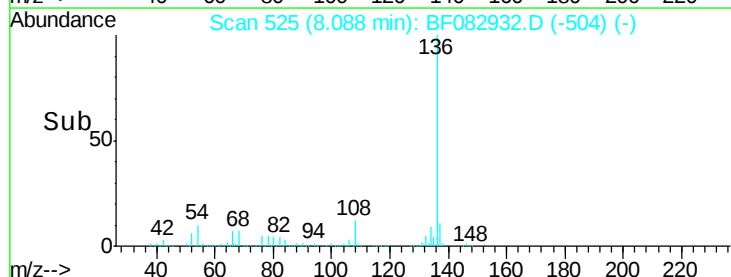
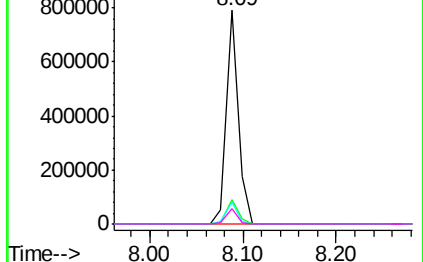


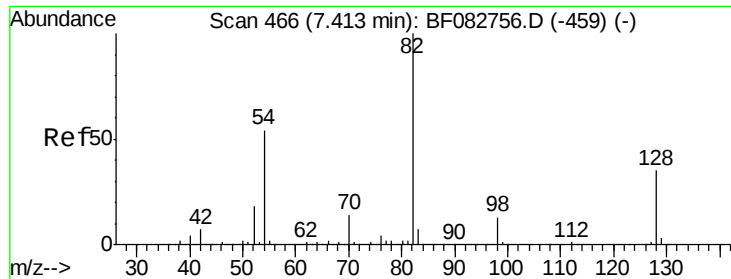
Abundance Ion 136.00 (135.70 to 136.70): E

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

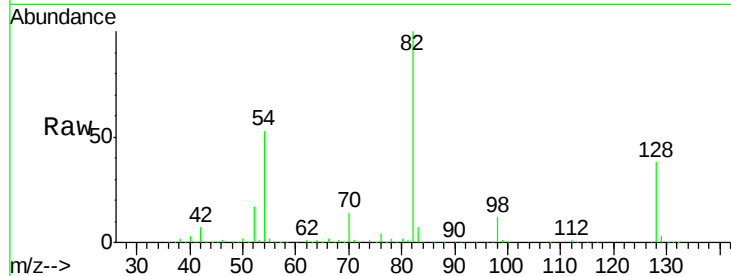




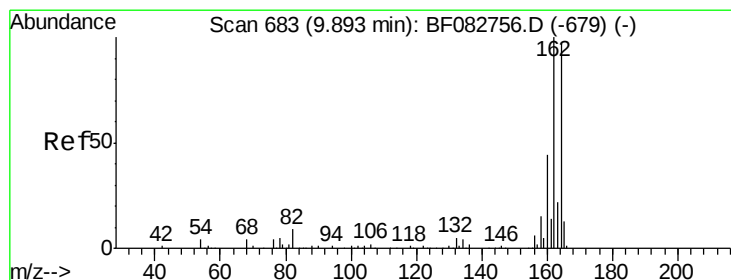
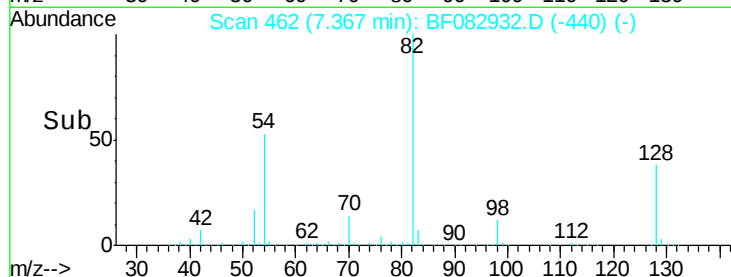
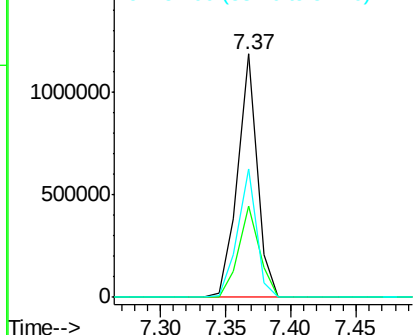
#23
Nitrobenzene-d5
Concen: 76.55 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF082932.D
Acq: 14 Nov 2015 9:08

Instrument :
BNA_F
ClientSampleId :
LIBERTY-SF-002-01

Tgt Ion: 82 Resp: 1237940
Ion Ratio Lower Upper
82 100
128 37.5 26.8 40.2
54 52.9 45.7 68.5

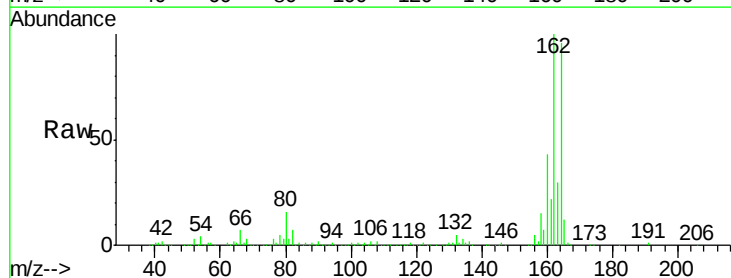


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

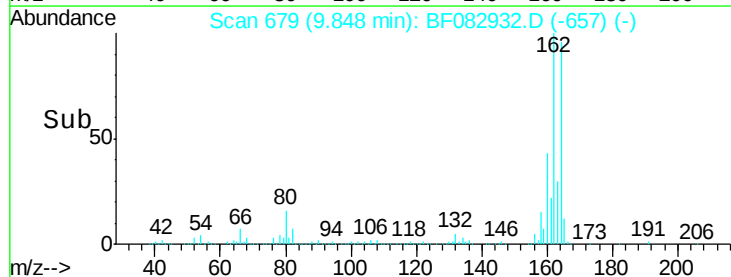
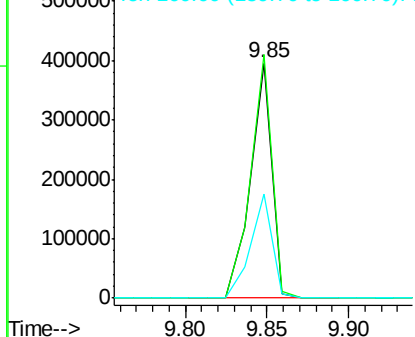


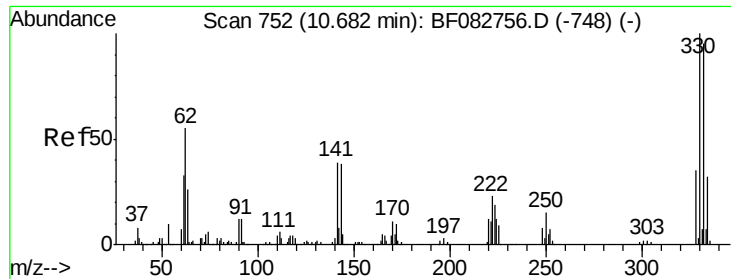
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF082932.D
Acq: 14 Nov 2015 9:08

Tgt Ion: 164 Resp: 358267
Ion Ratio Lower Upper
164 100
162 103.7 84.9 127.3
160 44.2 37.5 56.3



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

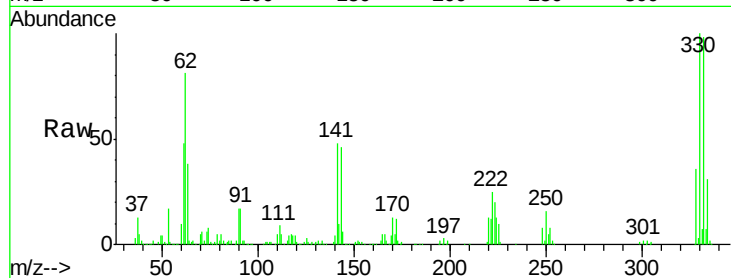




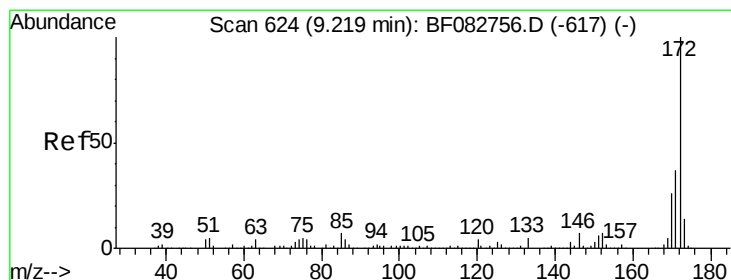
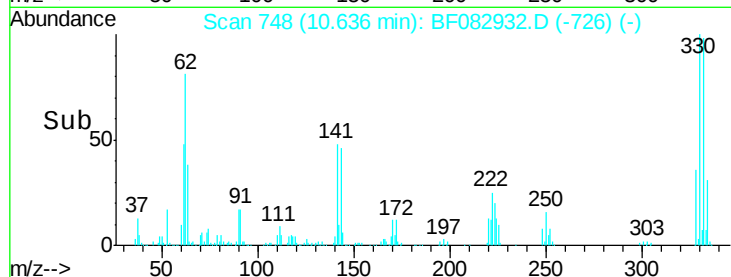
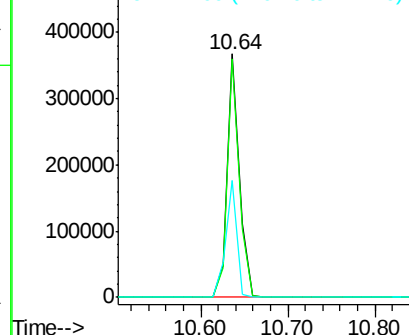
#41
 2,4,6-Tribromophenol
 Concen: 89.31 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082932.D
 Acq: 14 Nov 2015 9:08

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-SF-002-01

Tgt Ion:330 Resp: 366895
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 43.8 41.2 61.8

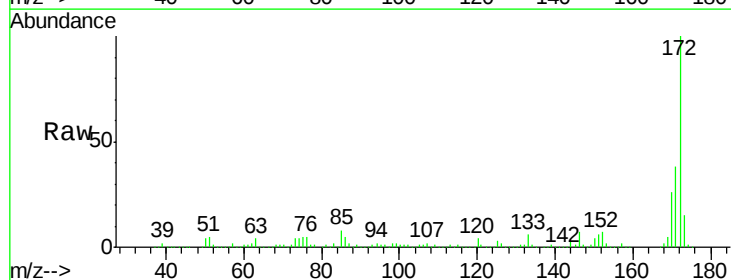


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

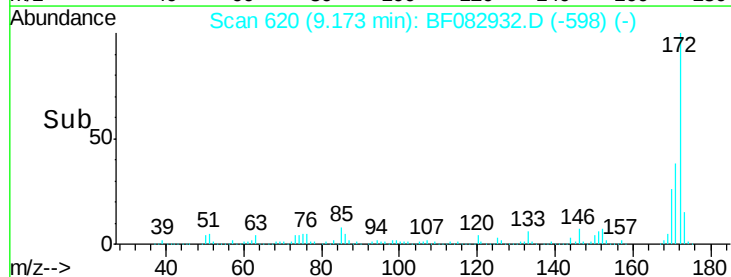
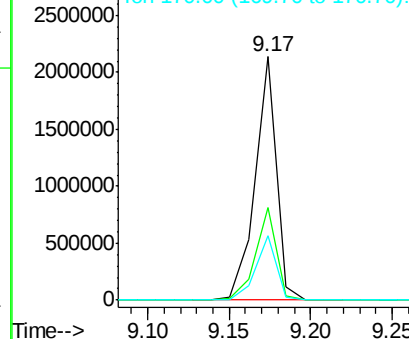


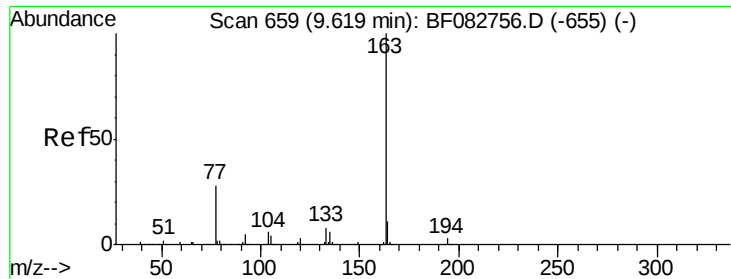
#44
 2-Fluorobiphenyl
 Concen: 77.48 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082932.D
 Acq: 14 Nov 2015 9:08

Tgt Ion:172 Resp: 1936693
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.8 46.2
 170 26.5 21.2 31.8



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

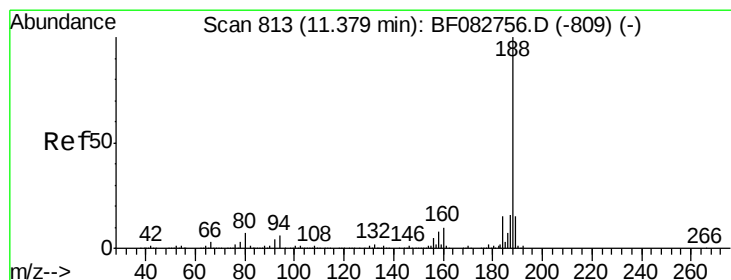
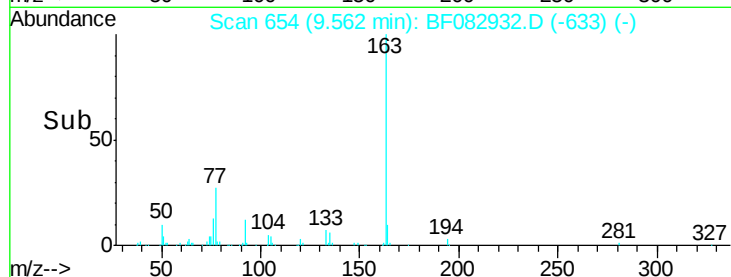
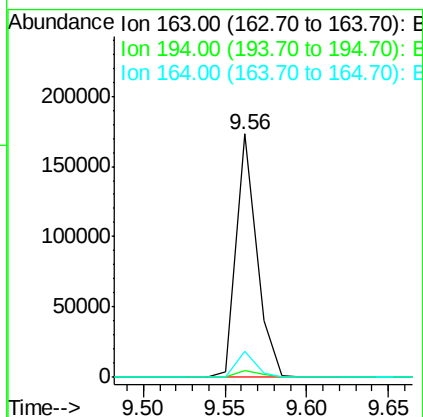
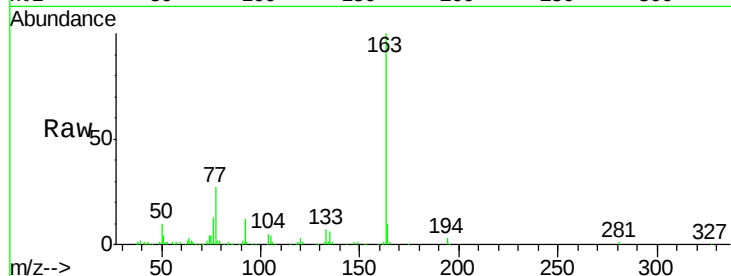




#49
Dimethylphthalate
Concen: 5.11 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF082932.D
Acq: 14 Nov 2015 9:08

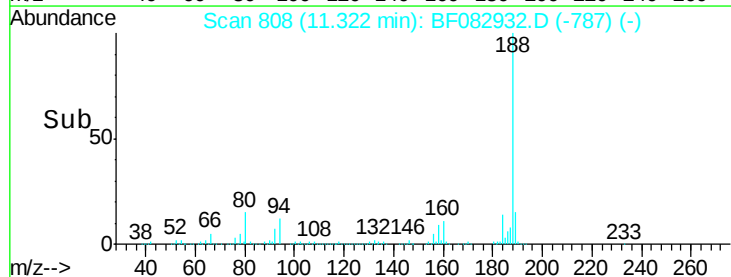
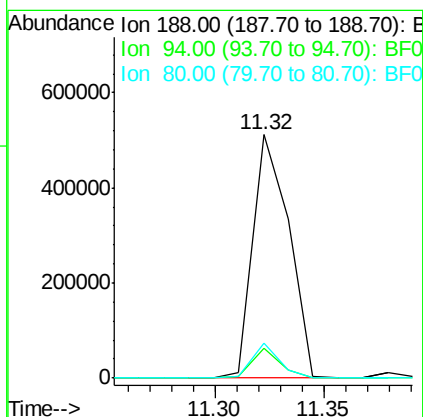
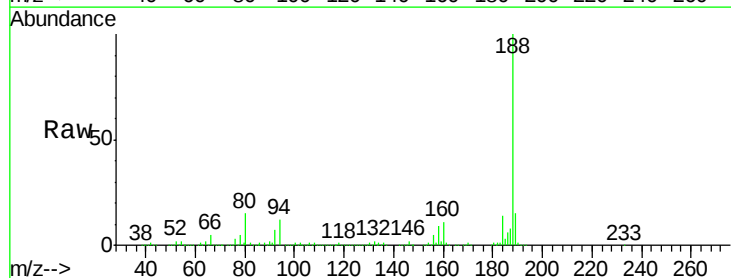
Instrument :
BNA_F
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LIBERTY-SF-002-01

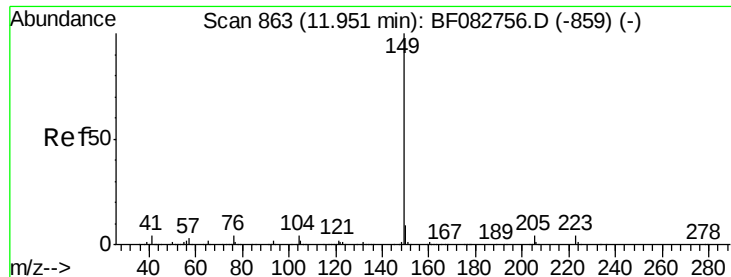
Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.4	8.7	13.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF082932.D
Acq: 14 Nov 2015 9:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.3	6.1	9.1#
80	14.6	7.0	10.6#





#73

Di-n-butylphthalate

Concen: 3.64 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.06 min

Lab File: BF082932.D

Acq: 14 Nov 2015 9:08

Instrument :

BNA_F

ClientSampleId :

LIBERTY-SF-002-01

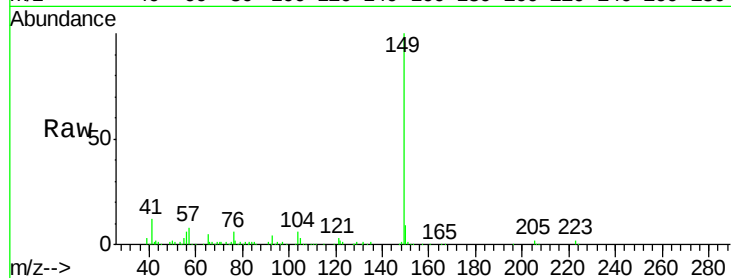
Tgt Ion:149 Resp: 143384

Ion Ratio Lower Upper

149 100

150 8.7 8.1 12.1

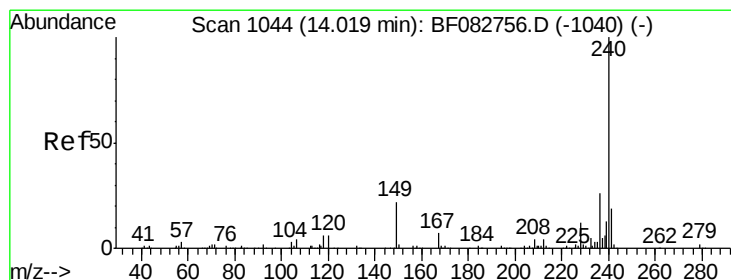
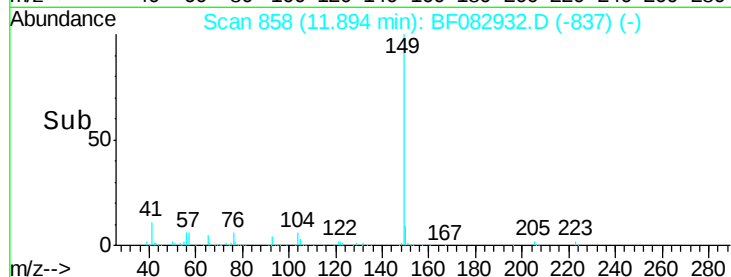
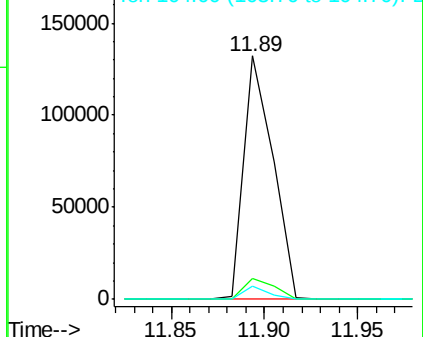
104 5.5 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF082932.D

Acq: 14 Nov 2015 9:08

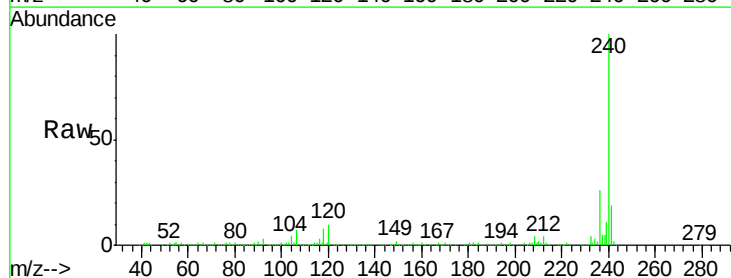
Tgt Ion:240 Resp: 407577

Ion Ratio Lower Upper

240 100

120 9.6 10.9 16.3#

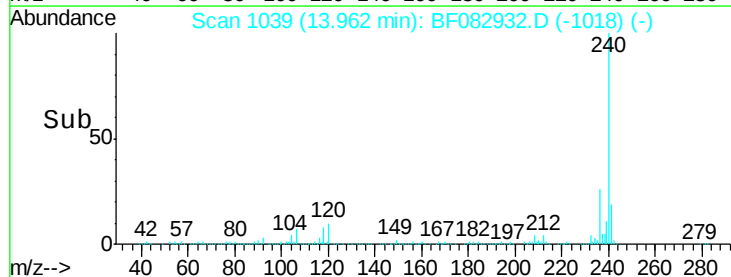
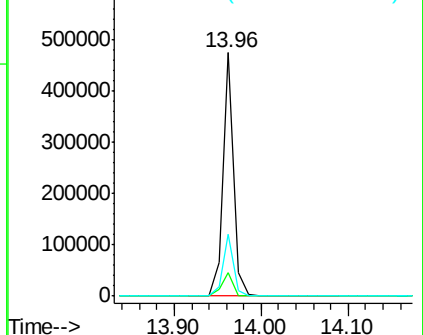
236 25.6 21.6 32.4

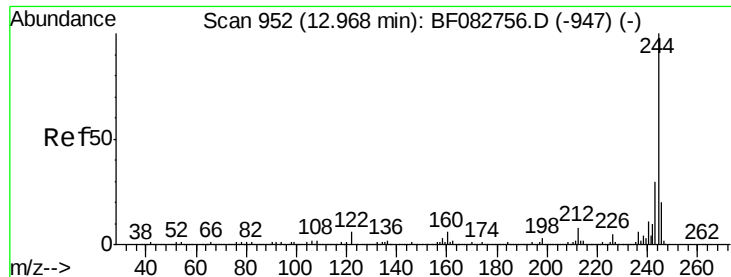


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

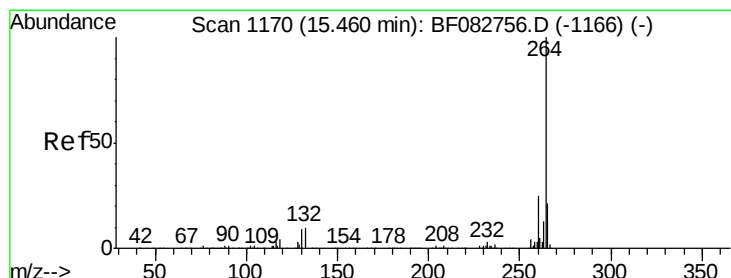
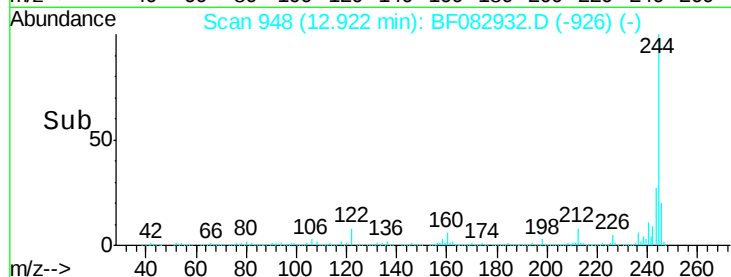
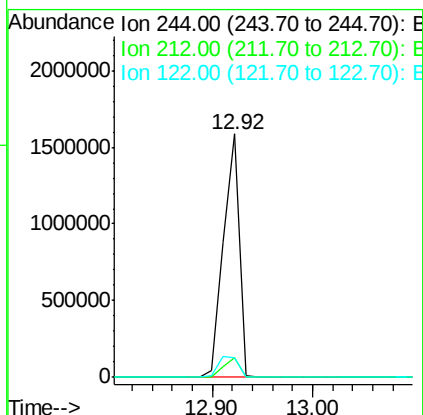
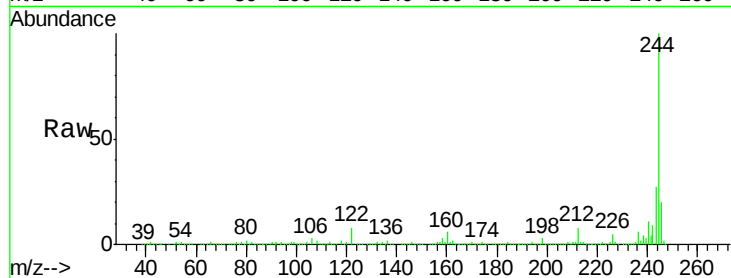




#78
 Terphenyl-d14
 Concen: 100.91 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.04 min
 Lab File: BF082932.D
 Acq: 14 Nov 2015 9:08

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-SF-002-01

Tgt Ion:244 Resp: 1734040
 Ion Ratio Lower Upper
 244 100
 212 7.8 7.6 11.4
 122 7.9 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.07 min
 Lab File: BF082932.D
 Acq: 14 Nov 2015 9:08

Tgt Ion:264 Resp: 421458
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.8 29.6
 265 22.5 17.4 26.0

