

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083421.D
 Acq On : 2 Dec 2015 16:43
 Operator : UM/IZ
 Sample : G4584-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-14(8-15.5)

Manual Integrations
 APPROVED

Mmdadoda
 12/3/2015 7:09:37 PM

Quant Time: Dec 03 03:49:42 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	157944m	20.00	ng	0.00
21) Naphthalene-d8	7.82	136	625309	20.00	ng	-0.01
38) Acenaphthene-d10	9.57	164	317403	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	555298	20.00	ng	-0.02
75) Chrysene-d12	14.73	240	472934	20.00	ng	-0.03
86) Perylene-d12	16.79	264	351399	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1552476	147.49	ng	0.01
7) Phenol-d6	6.21	99	1885319	130.86	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1369319	96.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	378576	118.82	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1919300	86.17	ng	-0.01
78) Terphenyl-d14	13.21	244	1847158	93.15	ng	-0.01
Target Compounds						
31) Naphthalene	7.85	128	79226	2.34	ng	95
49) Dimethylphthalate	9.31	163	425586	16.50	ng	99

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

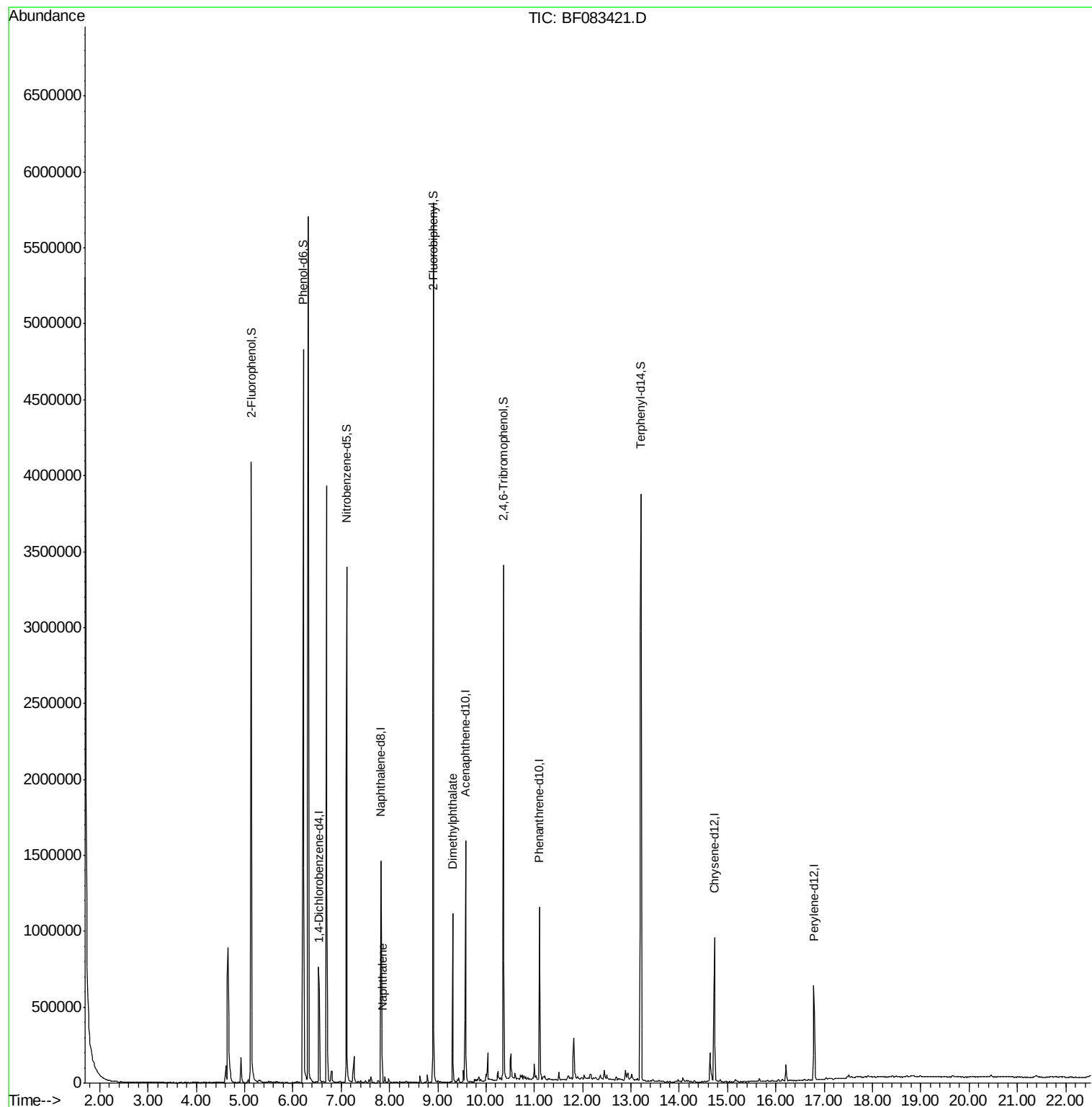
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083421.D
Acq On : 2 Dec 2015 16:43
Operator : UM/IZ
Sample : G4584-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

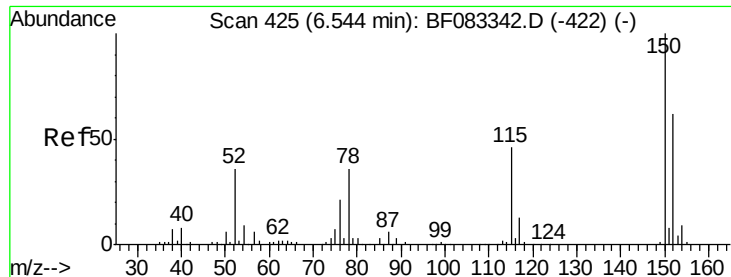
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(8-15.5)

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:37 PM

Quant Time: Dec 03 03:49:42 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





#1

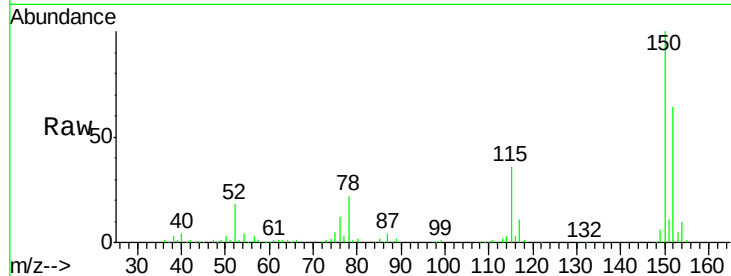
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083421.D
Acq: 2 Dec 2015 16:43

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(8-15.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	129.8	194.8
115	55.4	59.2	88.8

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:37 PM

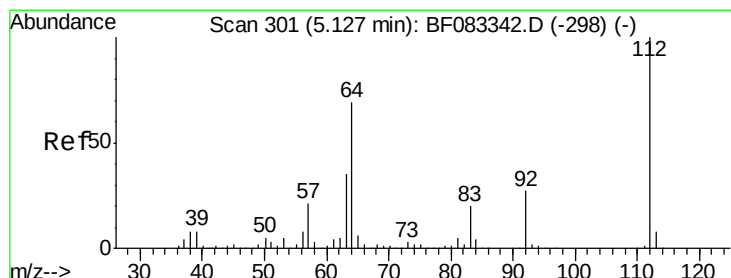
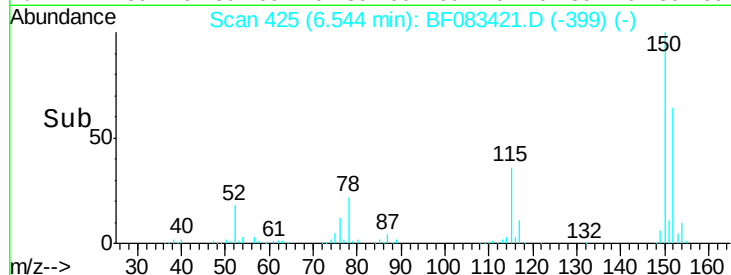
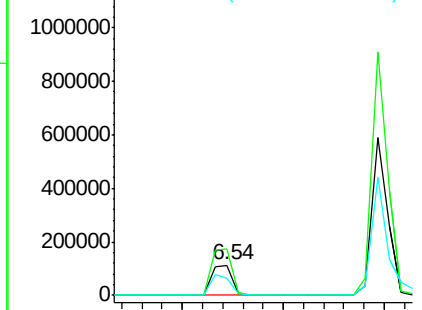


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

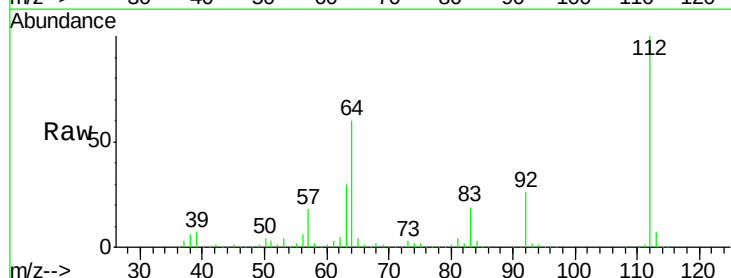
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 147.49 ng
RT: 5.14 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF083421.D
Acq: 2 Dec 2015 16:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	55.6	83.4
63	30.4	28.2	42.2

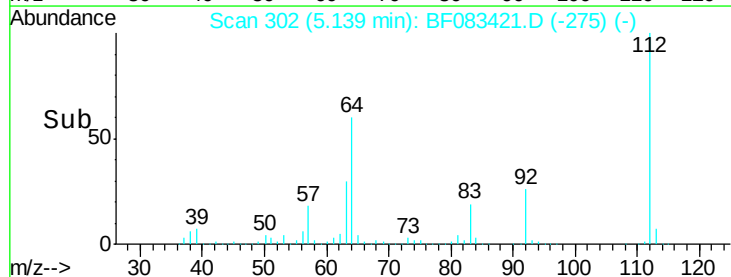
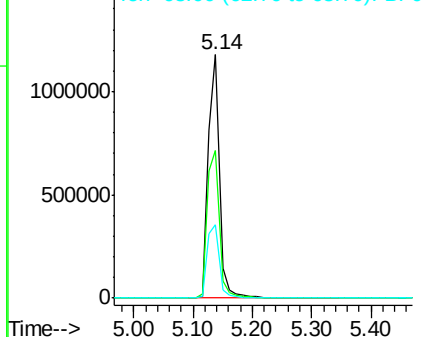


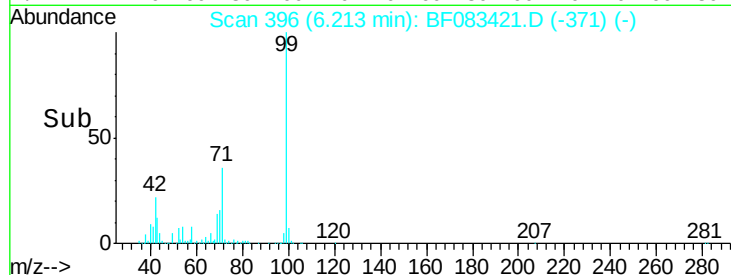
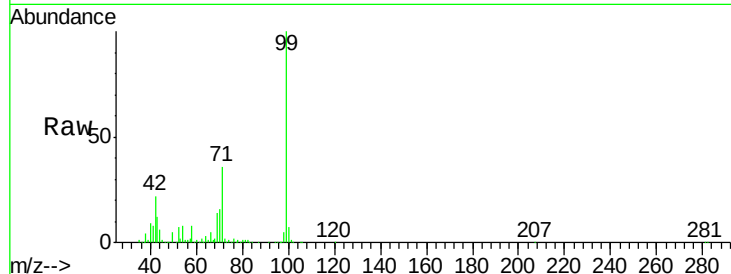
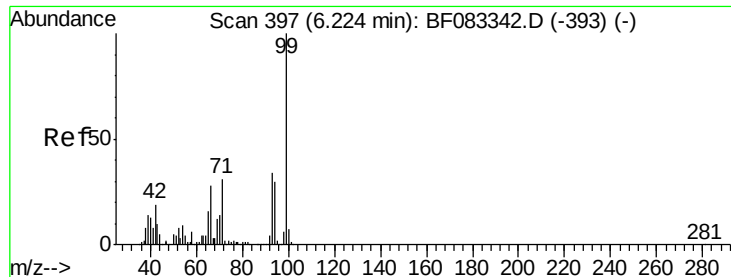
Abundance

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: 130.86 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083421.D

Acq: 2 Dec 2015 16:43

Tot Ion: 99 Resp: 1885319

Ion Ratio Lower Upper

99 100

42 22.5 14.9 22.3#

71 36.1 24.7 37.1

Instrument :

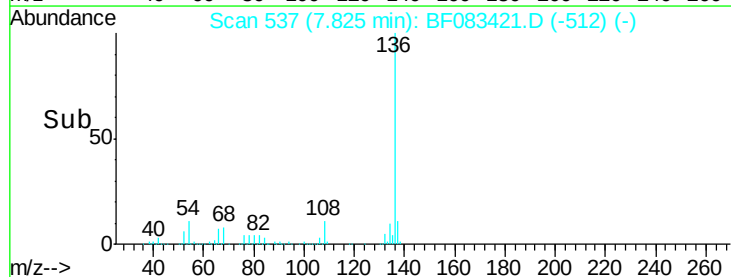
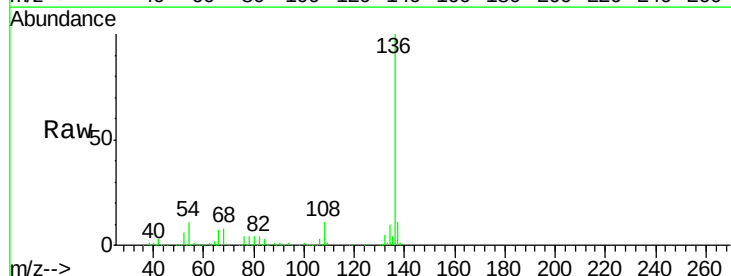
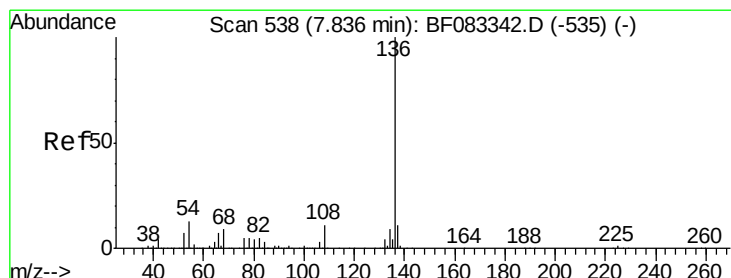
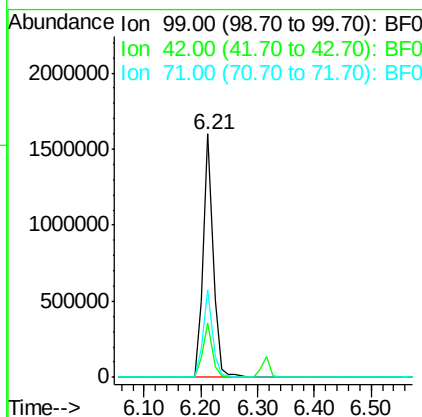
BNA_F

ClientSampleId :

SB-P3WC-14(8-15.5)

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:37 PM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF083421.D

Acq: 2 Dec 2015 16:43

Tgt Ion: 136 Resp: 625309

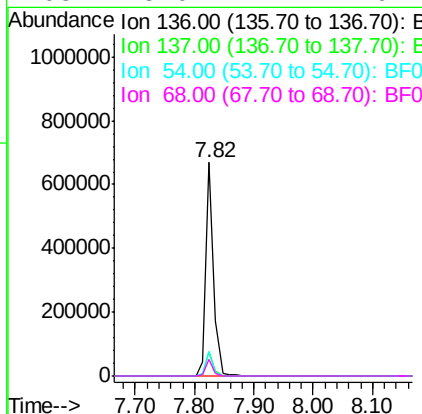
Ion Ratio Lower Upper

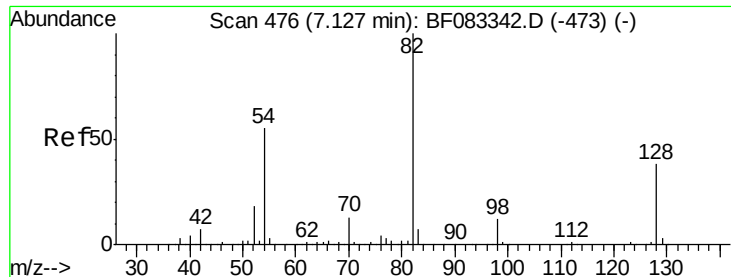
136 100

137 11.4 9.0 13.4

54 11.2 10.1 15.1

68 8.0 7.1 10.7





#23

Nitrobenzene-d5

Concen: 96.26 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083421.D

Acq: 2 Dec 2015 16:43

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-14(8-15.5)

Tot Ion: 82 Resp: 1369319

Ion Ratio Lower Upper

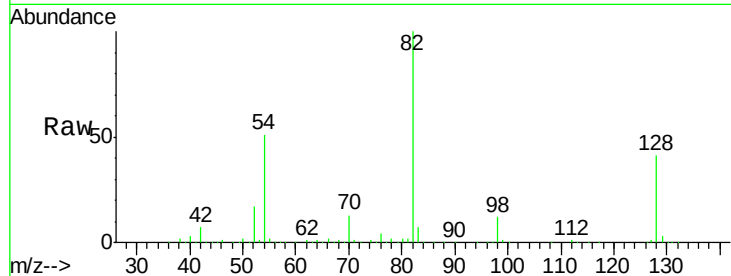
82 100

128 41.0 30.6 46.0

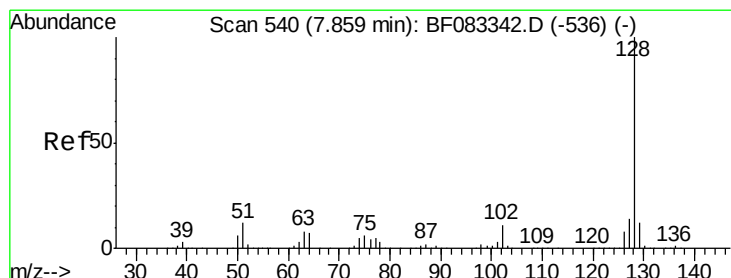
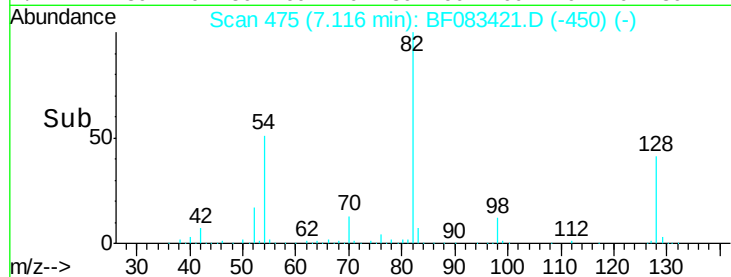
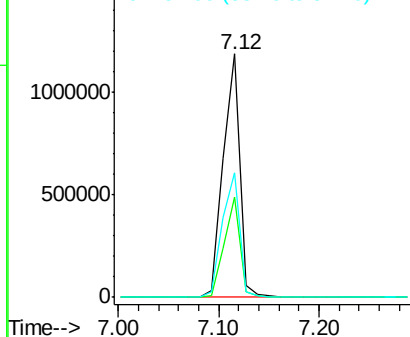
54 51.4 43.8 65.6

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:37 PM



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



#31

Naphthalene

Concen: 2.34 ng

RT: 7.85 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF083421.D

Acq: 2 Dec 2015 16:43

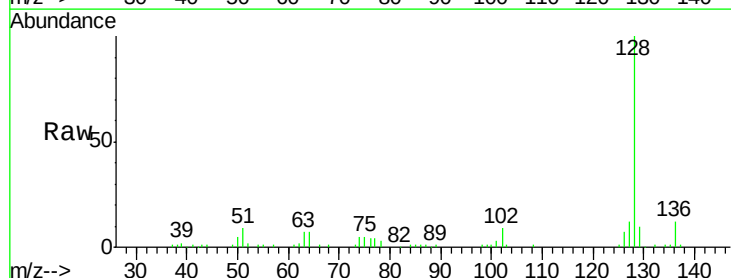
Tgt Ion: 128 Resp: 79226

Ion Ratio Lower Upper

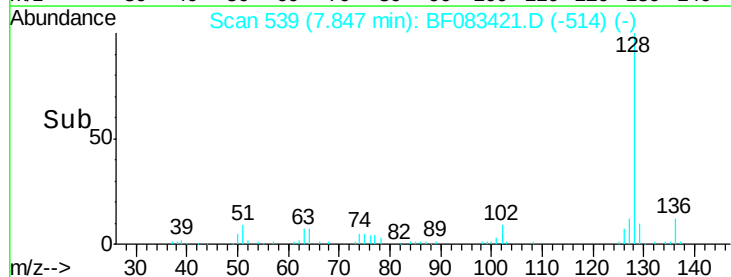
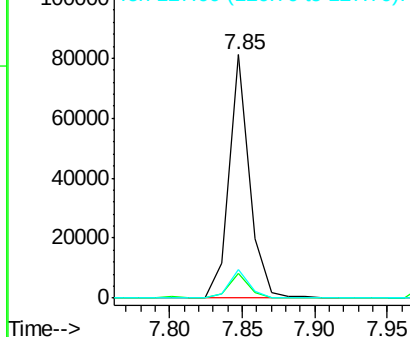
128 100

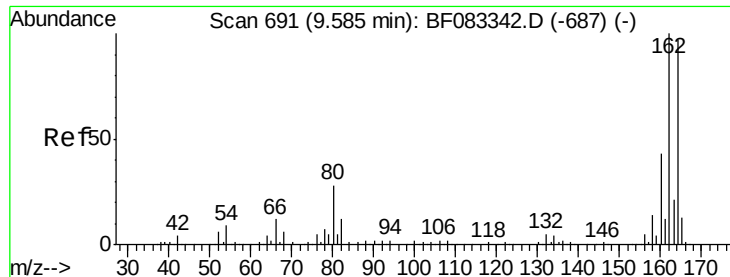
129 10.4 9.7 14.5

127 11.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





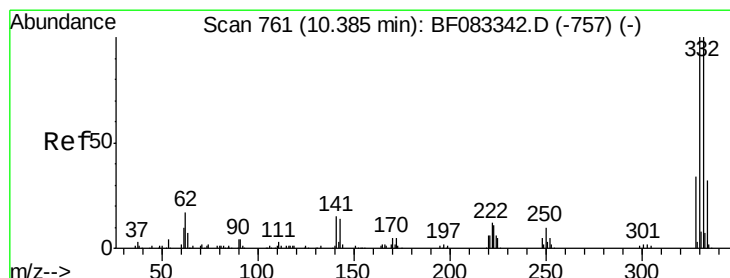
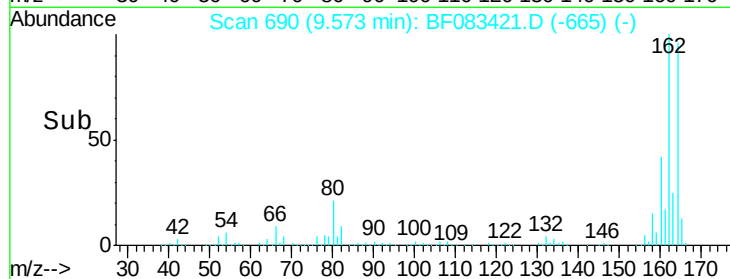
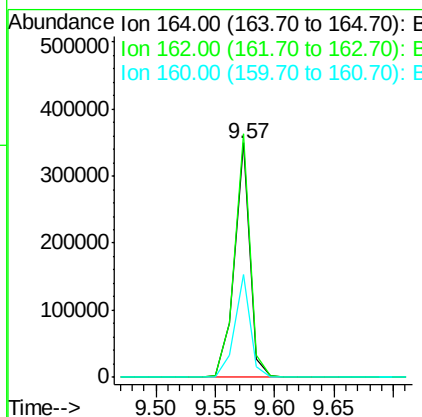
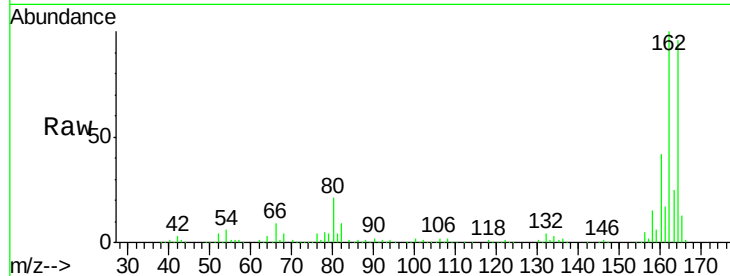
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF083421.D
Acq: 2 Dec 2015 16:43

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(8-15.5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	43.9	35.3	52.9

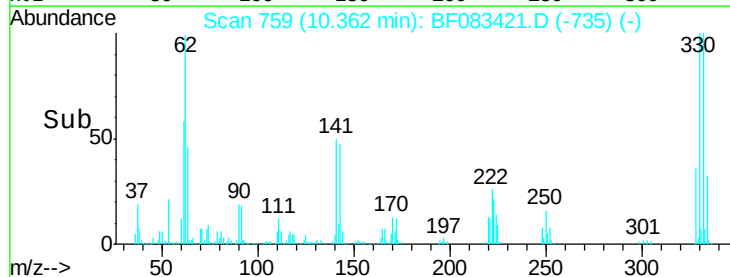
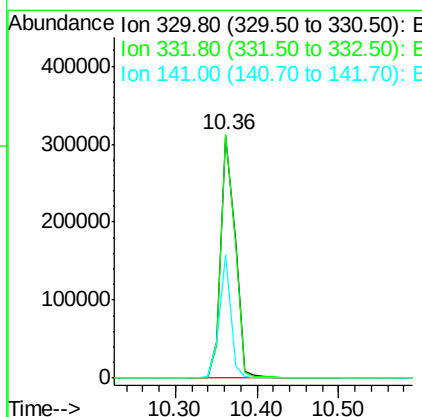
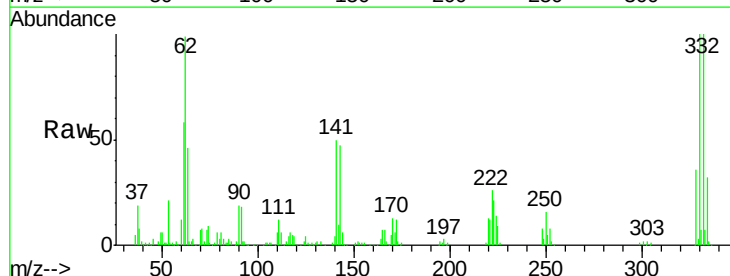
Manual Integrations
APPROVED

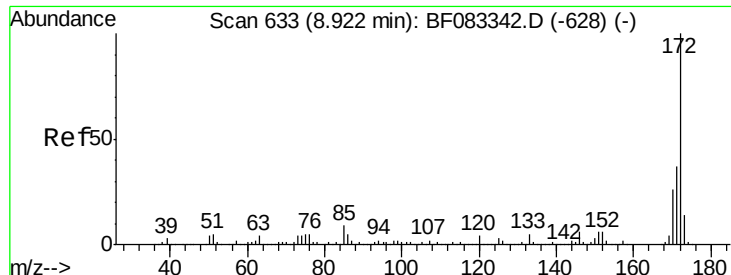
Mmdadoda
12/3/2015 7:09:37 PM



#41
2,4,6-Tribromophenol
Concen: 118.82 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083421.D
Acq: 2 Dec 2015 16:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.8	116.6
141	41.1	29.4	44.0





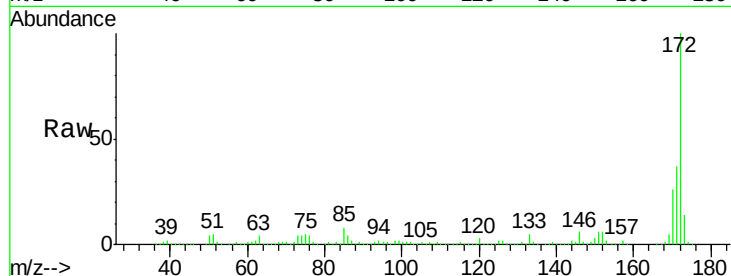
#44
2-Fluorobiphenyl
Concen: 86.17 ng
RT: 8.91 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF083421.D
Acq: 2 Dec 2015 16:43

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(8-15.5)

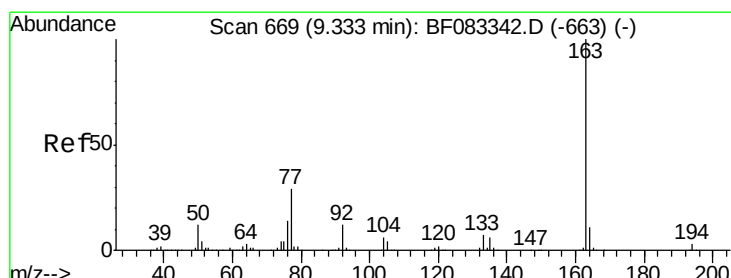
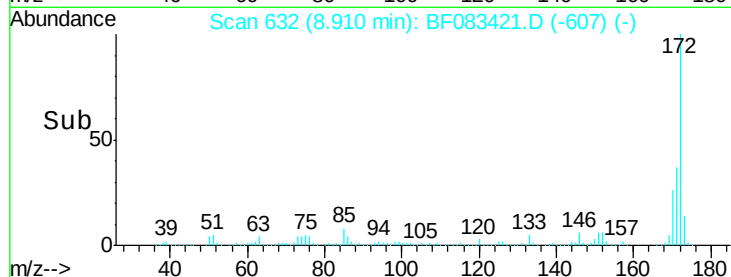
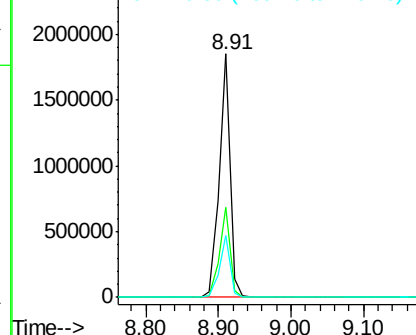
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	25.5	20.4	30.6

Manual Integrations
APPROVED

Mmdadoda
12/3/2015 7:09:37 PM

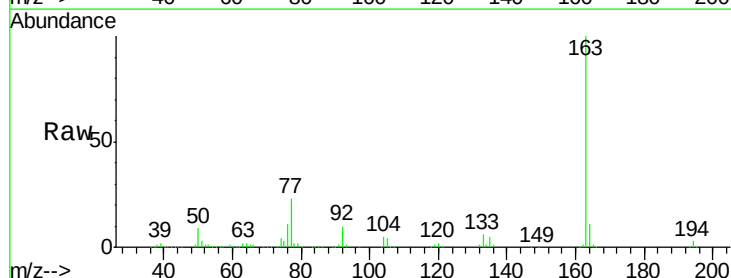


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

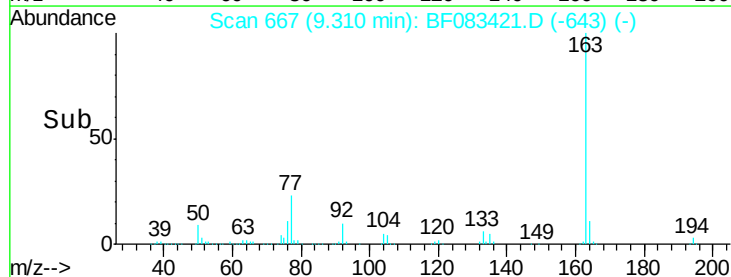
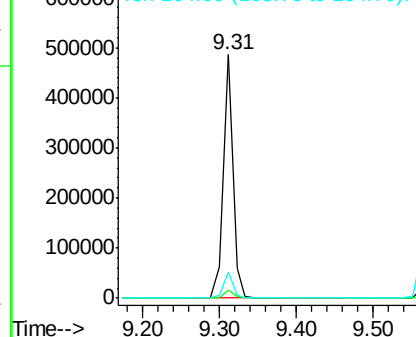


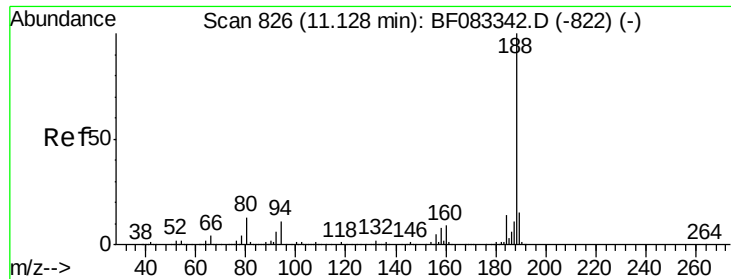
#49
Dimethylphthalate
Concen: 16.50 ng
RT: 9.31 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF083421.D
Acq: 2 Dec 2015 16:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.6	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





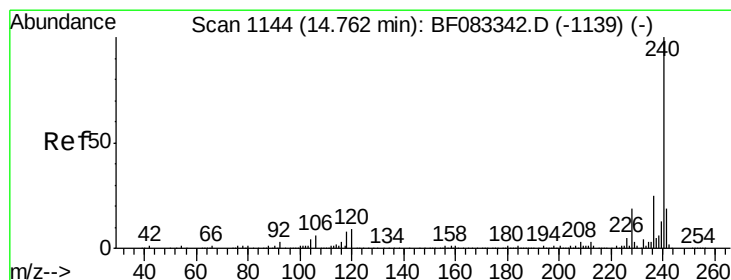
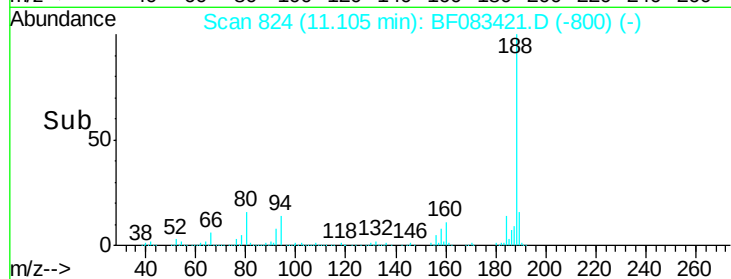
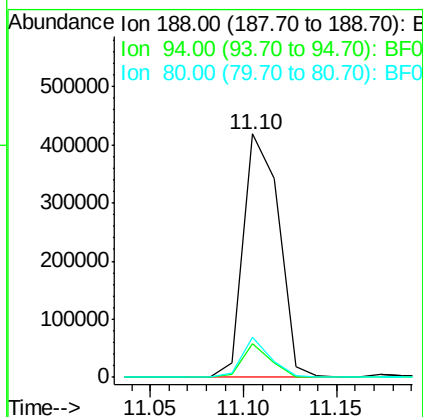
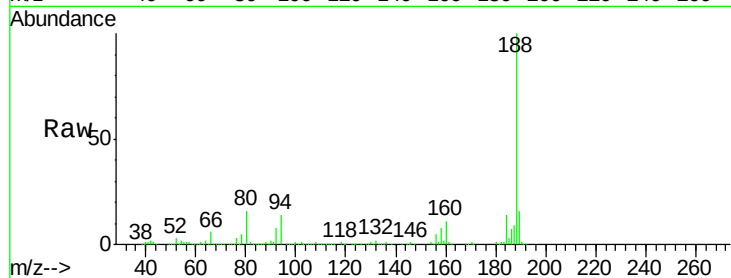
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF083421.D
Acq: 2 Dec 2015 16:43

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-14(8-15.5)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	555298		
94	14.0		8.7	13.1#
80	16.2		10.3	15.5#

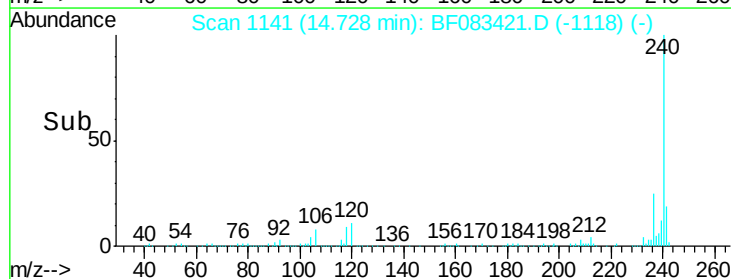
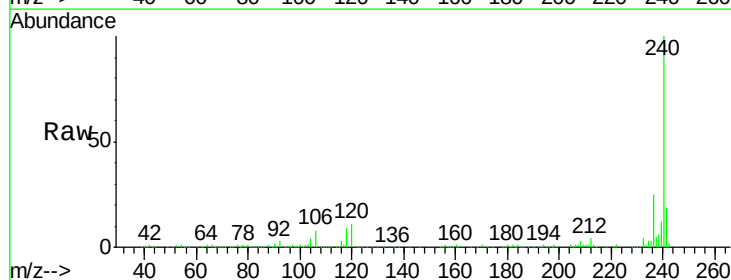
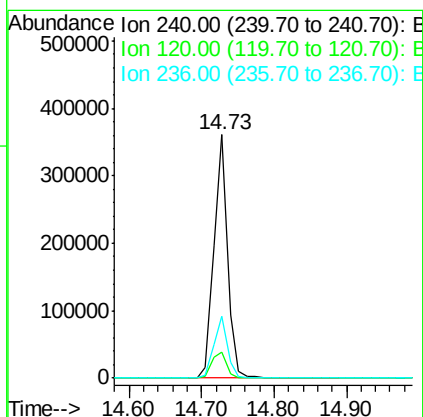
Manual Integrations
APPROVED

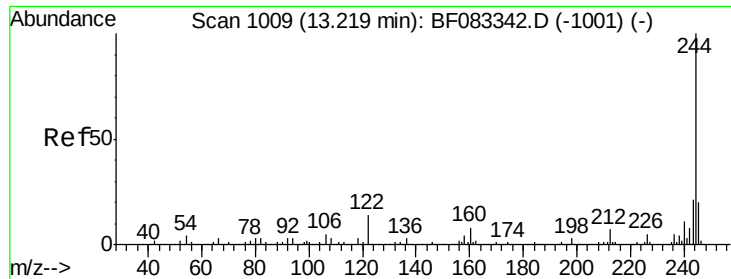
Mmdadoda
12/3/2015 7:09:37 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.03 min
Lab File: BF083421.D
Acq: 2 Dec 2015 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	472934		
120	10.6		6.9	10.3#
236	25.3		19.8	29.6





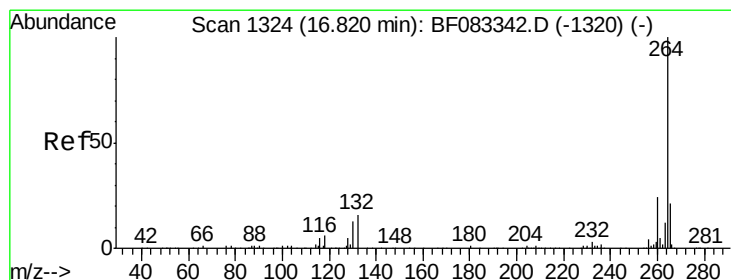
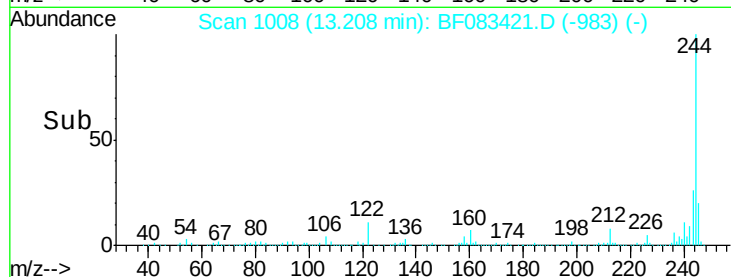
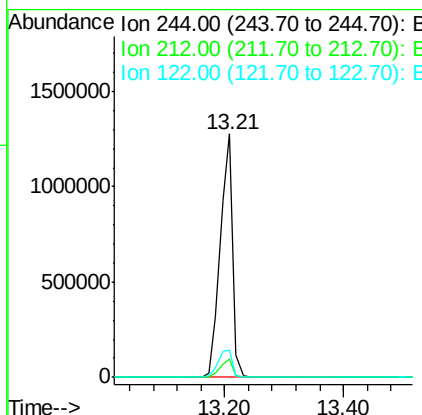
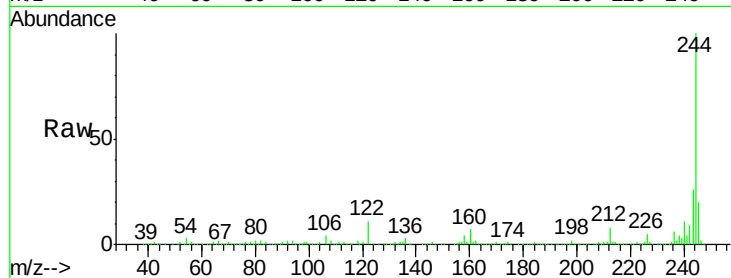
#78
 Terphenyl-d14
 Concen: 93.15 ng
 RT: 13.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF083421.D
 Acq: 2 Dec 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-14(8-15.5)

Tot Ion:244 Resp: 1847158
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 11.0 11.0 16.4

Manual Integrations
 APPROVED

Mmdadoda
 12/3/2015 7:09:37 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.79 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF083421.D
 Acq: 2 Dec 2015 16:43

Tgt Ion:264 Resp: 351399
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.7 16.8 25.2

