

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079941.D
 Acq On : 12 Jun 2015 18:07
 Operator : TP/IZ
 Sample : G2522-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101

Manual Integrations
 APPROVED

apatel
 6/15/2015 12:43:37 PM

Quant Time: Jun 12 23:31:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	41912	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	164030	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	89499	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	188044	20.00	ng	-0.03
75) Chrysene-d12	14.87	240	212020m	20.00	ng	-0.27
86) Perylene-d12	16.75	264	204297m	20.00	ng	-0.34
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	185226	81.04	ng	0.00
7) Phenol-d6	6.97	99	155071	49.80	ng	0.00
23) Nitrobenzene-d5	7.93	82	257843	103.71	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	119124	132.10	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	596657	93.35	ng	0.00
78) Terphenyl-d14	13.62	244	774566	84.23	ng	-0.15
Target Compounds						
31) Naphthalene	8.68	128	66641	7.43	ng	99
51) Acenaphthene	10.48	154	102199	17.27	ng	98

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

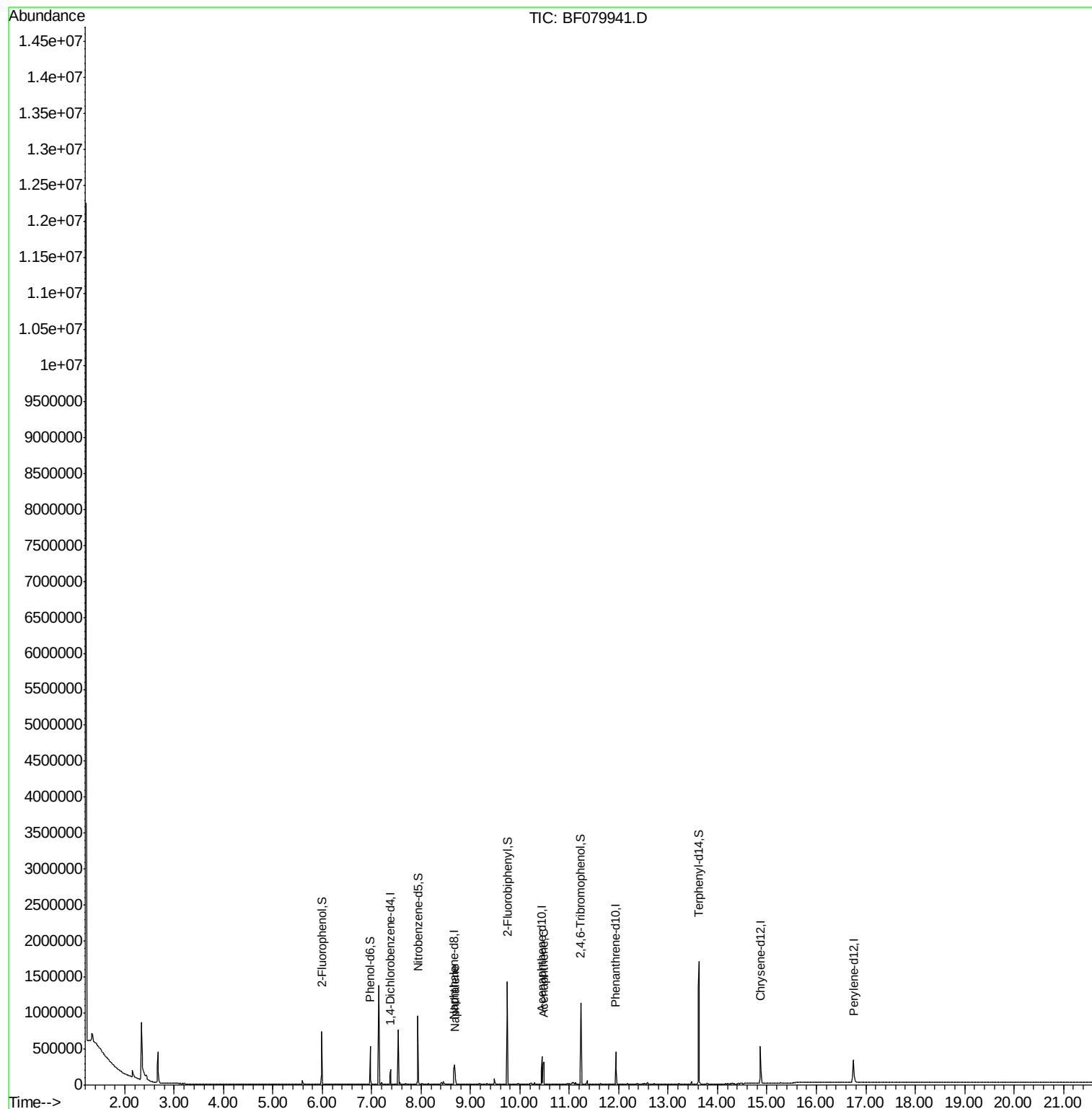
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079941.D
Acq On : 12 Jun 2015 18:07
Operator : TP/IZ
Sample : G2522-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

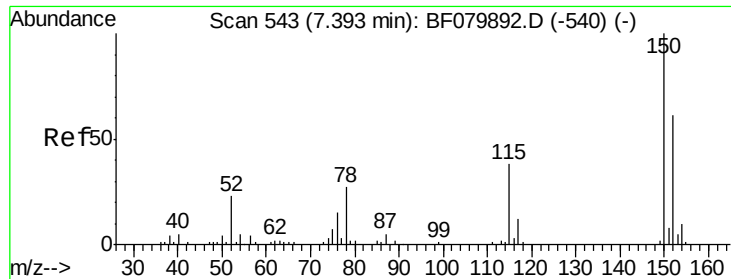
Instrument :
BNA_F
ClientSampleId :
MW-101

Manual Integrations
APPROVED

apatel
6/15/2015 12:43:37 PM

Quant Time: Jun 12 23:31:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration





#1

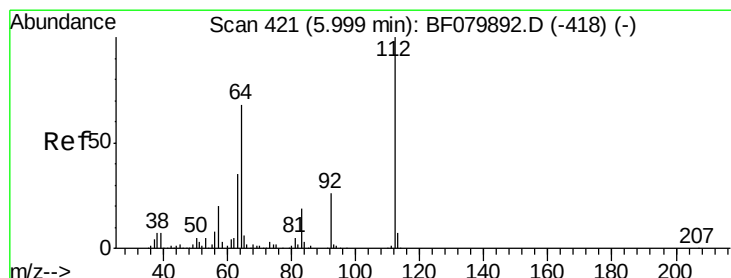
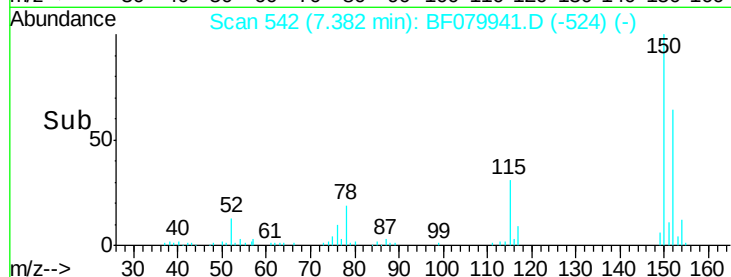
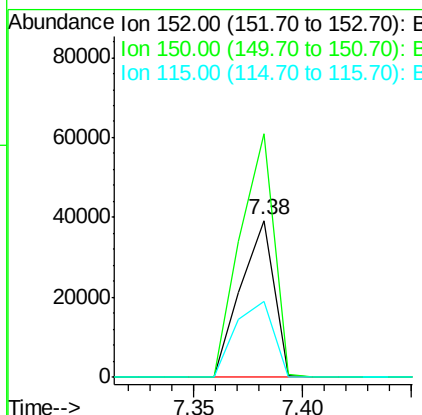
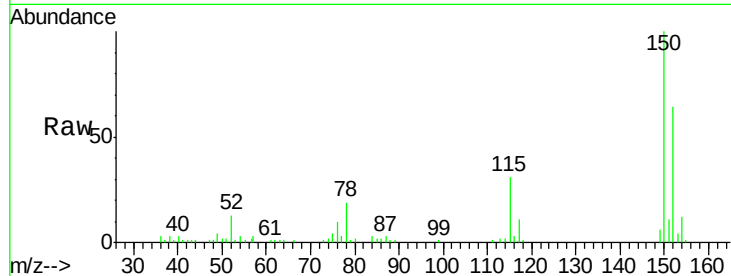
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079941.D
Acq: 12 Jun 2015 18:07

Instrument :
BNA_F
ClientSampleId :
MW-101

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	131.0	196.4
115	48.4	49.8	74.6

Manual Integrations
APPROVED

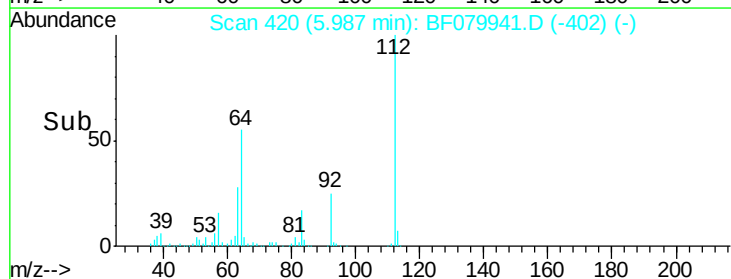
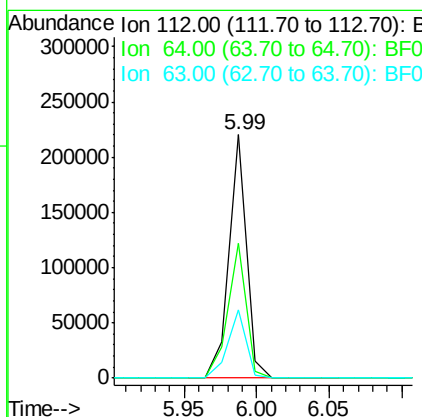
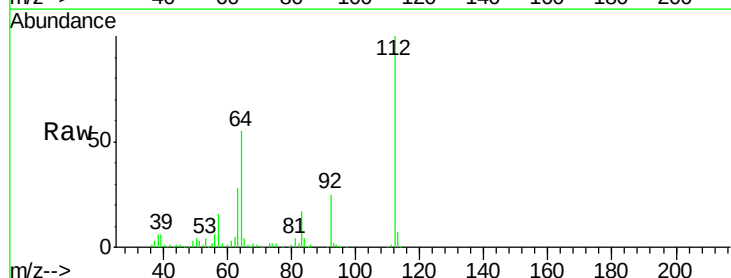
apatel
6/15/2015 12:43:37 PM

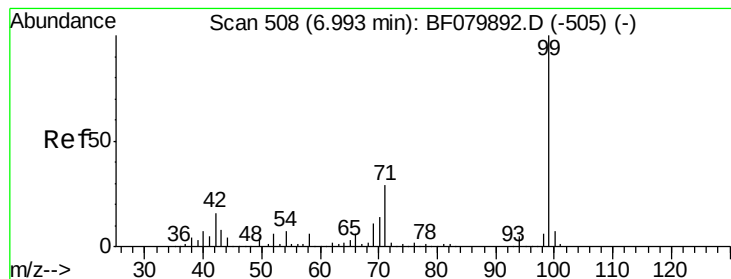


#5

2-Fluorophenol
Concen: 81.04 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079941.D
Acq: 12 Jun 2015 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	54.5	81.7
63	28.2	27.9	41.9





#7

Phenol-d6

Concen: 49.80 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079941.D

Acq: 12 Jun 2015 18:07

Instrument :

BNA_F

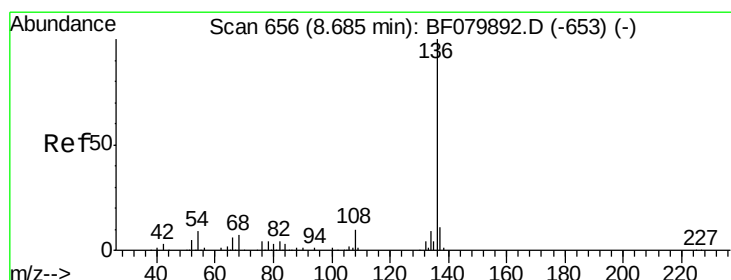
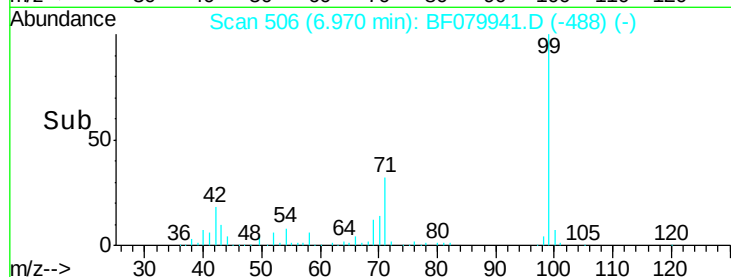
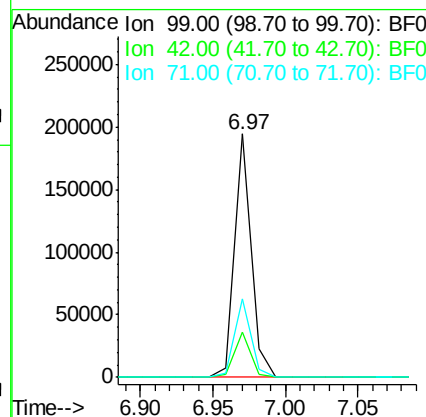
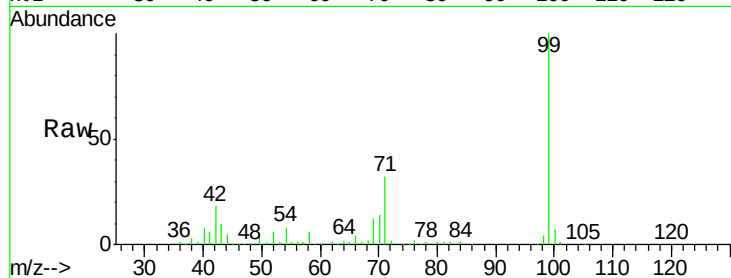
ClientSampled :

MW-101

Tgt Ion:	99	Resp:	155071
Ion Ratio	Lower	Upper	
99	100		
42	18.5	12.9	19.3
71	32.4	23.4	35.2

Manual Integrations
APPROVED

apatel
6/15/2015 12:43:37 PM



#21

Naphthalene-d8

Concen: 20.00 ng

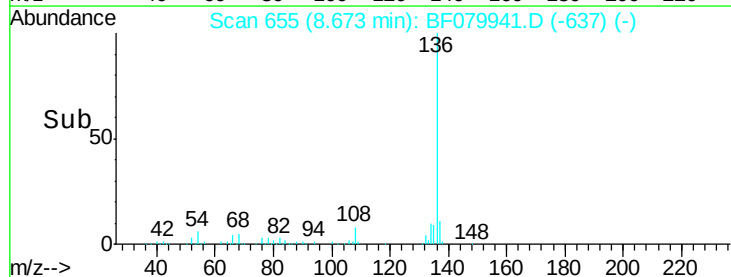
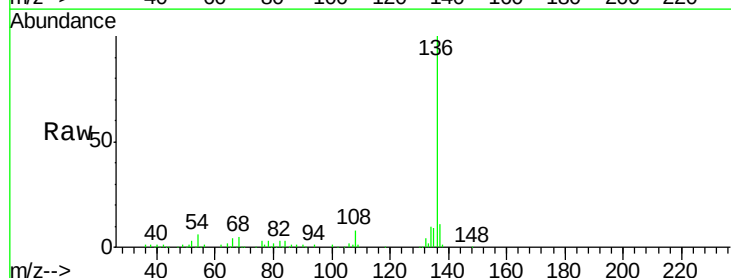
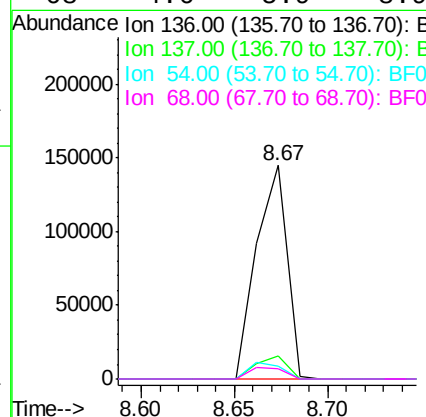
RT: 8.67 min Scan# 655

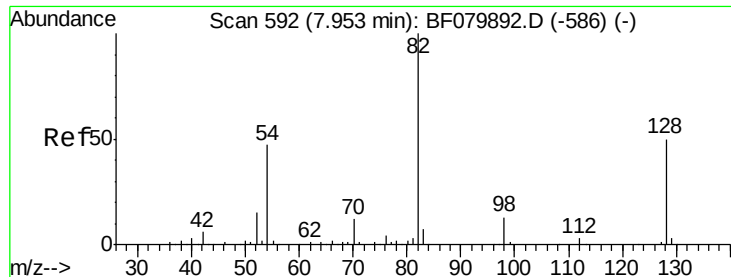
Delta R.T. 0.00 min

Lab File: BF079941.D

Acq: 12 Jun 2015 18:07

Tgt Ion:	136	Resp:	164030
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.7	13.1
54	5.8	7.3	10.9#
68	4.6	5.9	8.9#





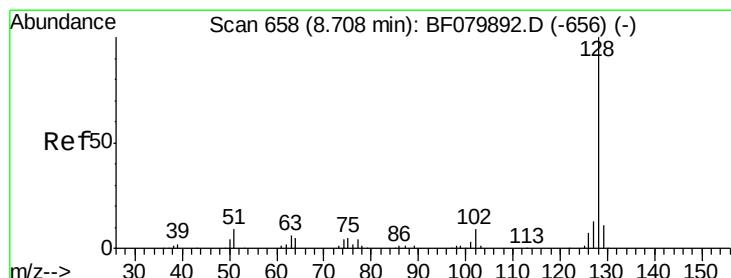
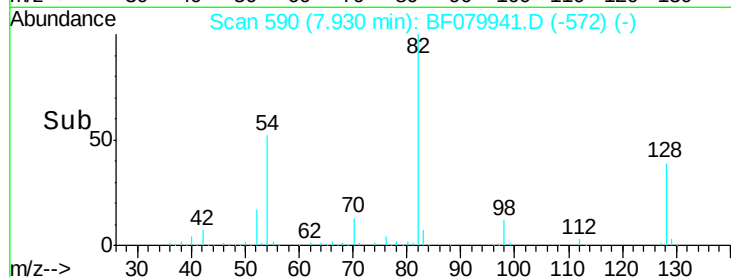
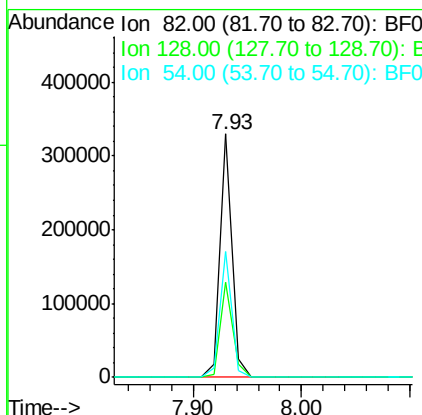
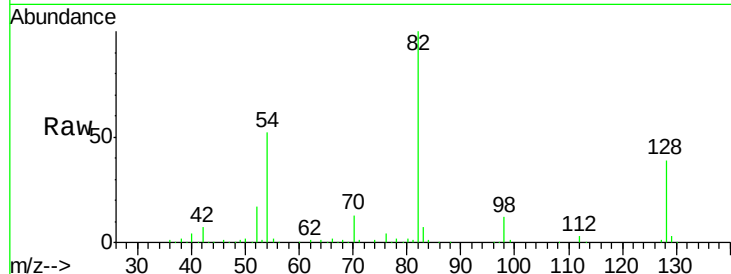
#23
Nitrobenzene-d5
Concen: 103.71 ng
RT: 7.93 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF079941.D
Acq: 12 Jun 2015 18:07

Instrument :
BNA_F
ClientSampleId :
MW-101

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.3	40.3	60.5#
54	51.6	38.0	57.0

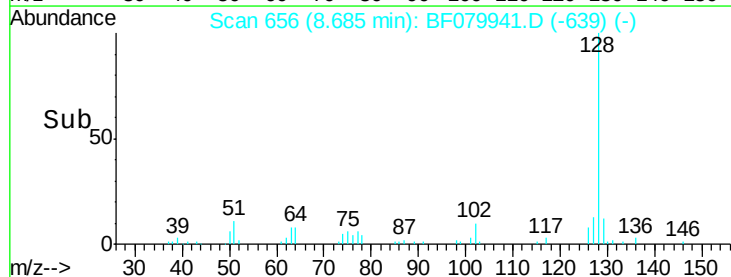
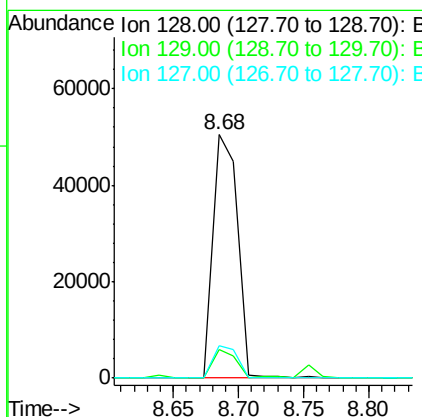
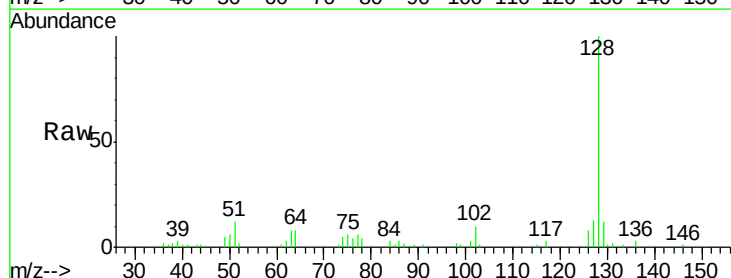
Manual Integrations
APPROVED

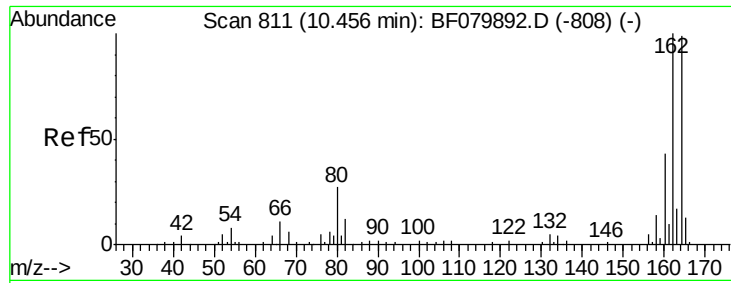
apatel
6/15/2015 12:43:37 PM



#31
Naphthalene
Concen: 7.43 ng
RT: 8.68 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF079941.D
Acq: 12 Jun 2015 18:07

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	13.5	10.5	15.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.45 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF079941.D

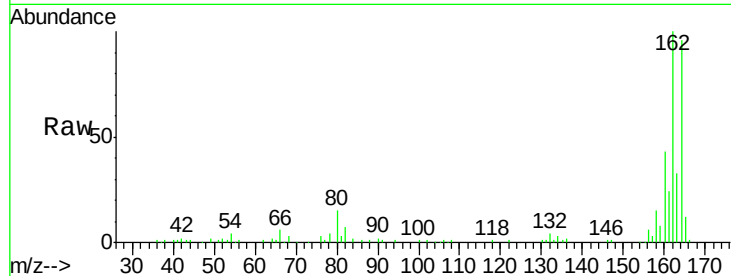
Acq: 12 Jun 2015 18:07

Instrument :

BNA_F

ClientSampleId :

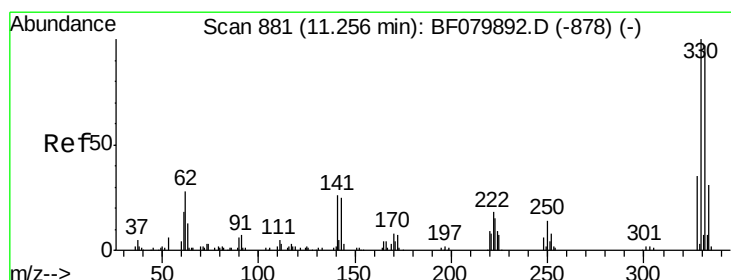
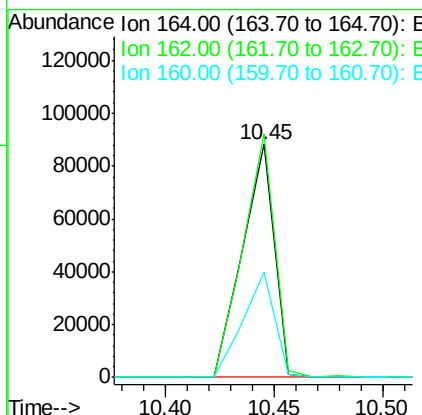
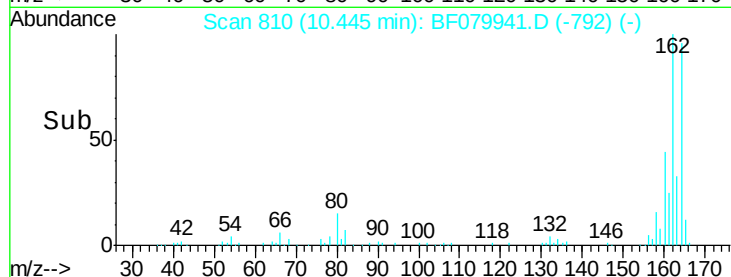
MW-101



Tgt Ion:	164	Resp:	89499
Ion Ratio	Lower	Upper	
164	100		
162	104.4	80.7	121.1
160	45.3	34.6	51.8

Manual Integrations
APPROVED

apatel
6/15/2015 12:43:37 PM



#41

2,4,6-Tribromophenol

Concen: 132.10 ng

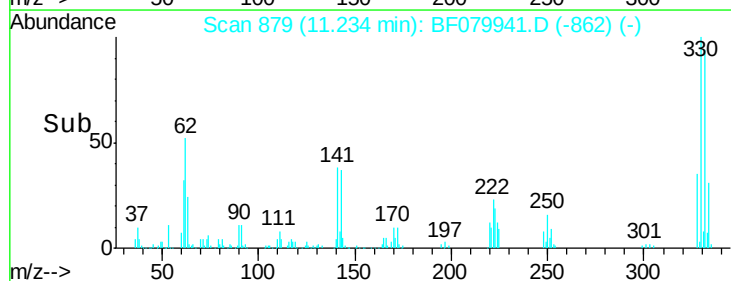
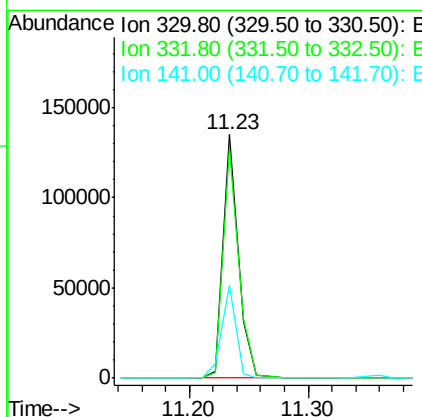
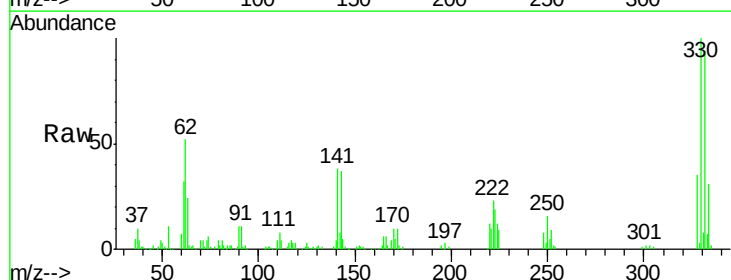
RT: 11.23 min Scan# 879

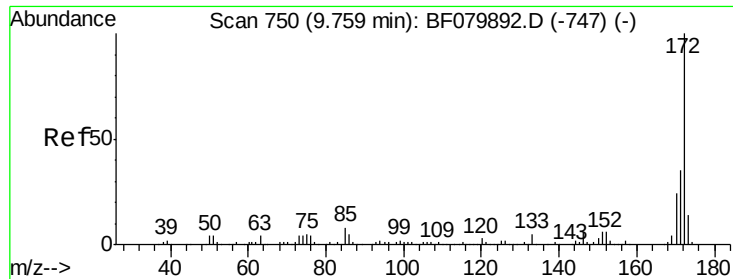
Delta R.T. -0.01 min

Lab File: BF079941.D

Acq: 12 Jun 2015 18:07

Tgt Ion:	330	Resp:	119124
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.3	115.9
141	36.2	26.8	40.2





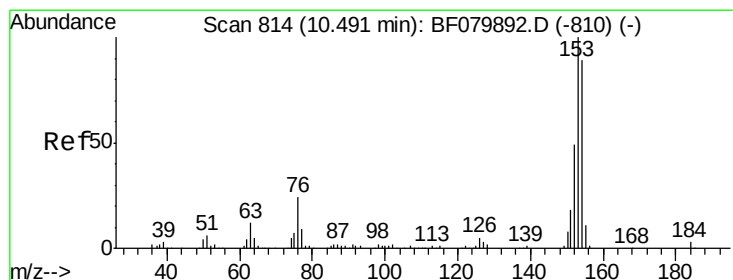
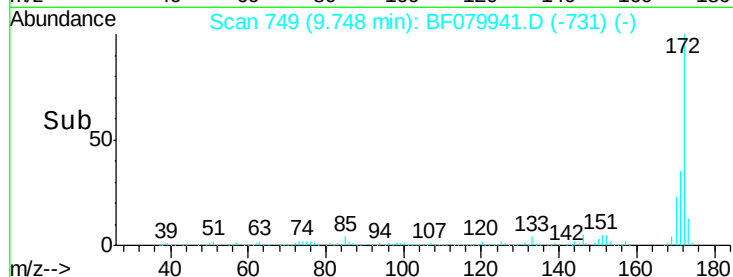
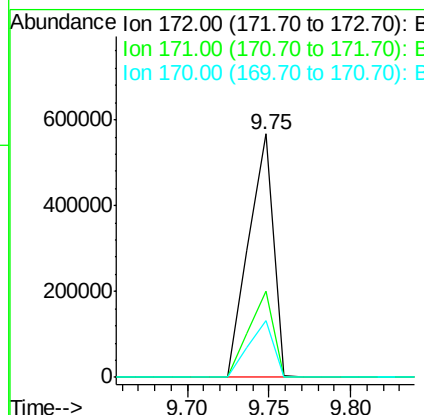
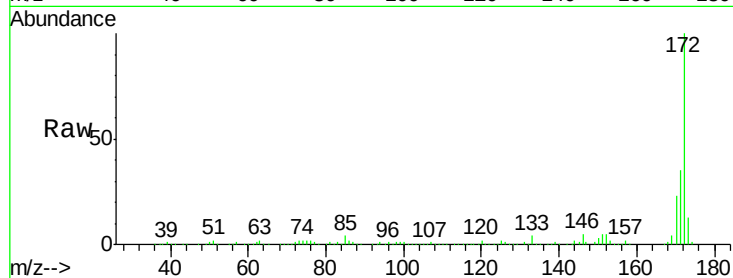
#44
 2-Fluorobiphenyl
 Concen: 93.35 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079941.D
 Acq: 12 Jun 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-101

Tgt Ion:	172	Resp:	596657
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.3	42.5
170	23.2	19.0	28.4

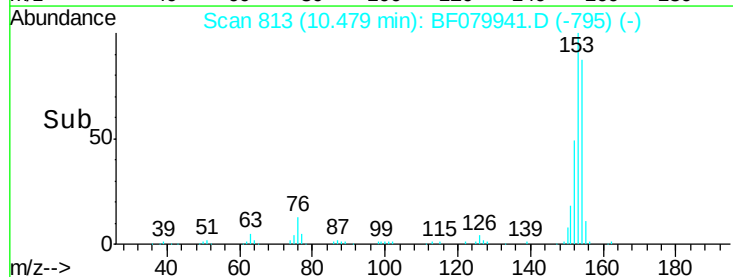
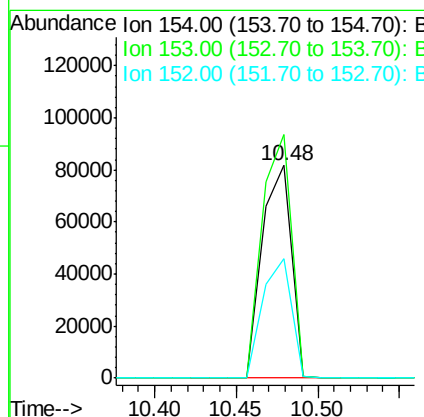
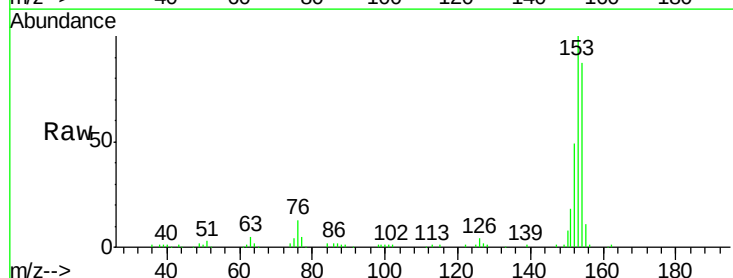
Manual Integrations
 APPROVED

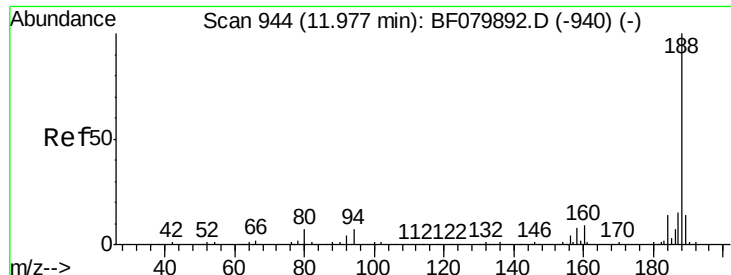
apatel
 6/15/2015 12:43:37 PM



#51
 Acenaphthene
 Concen: 17.27 ng
 RT: 10.48 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF079941.D
 Acq: 12 Jun 2015 18:07

Tgt Ion:	154	Resp:	102199
Ion Ratio	Lower	Upper	
154	100		
153	114.5	90.0	135.0
152	56.4	43.7	65.5





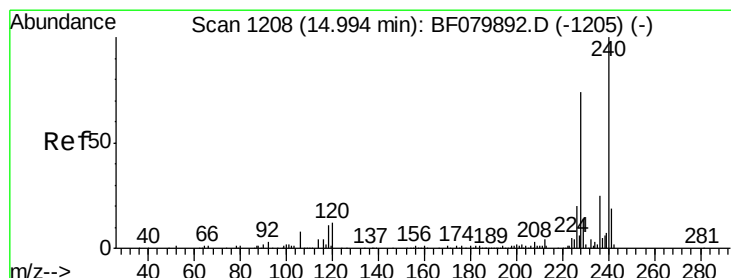
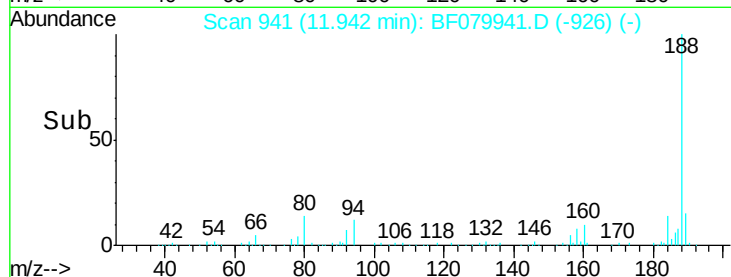
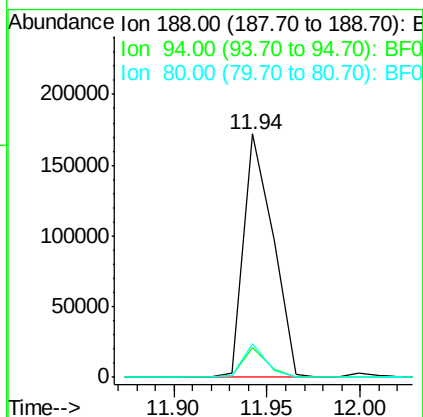
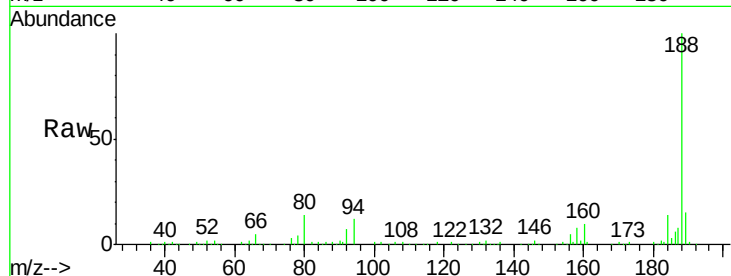
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.94 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF079941.D
Acq: 12 Jun 2015 18:07

Instrument :
BNA_F
ClientSampleId :
MW-101

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.4	5.8	8.8#
80	14.1	5.9	8.9#

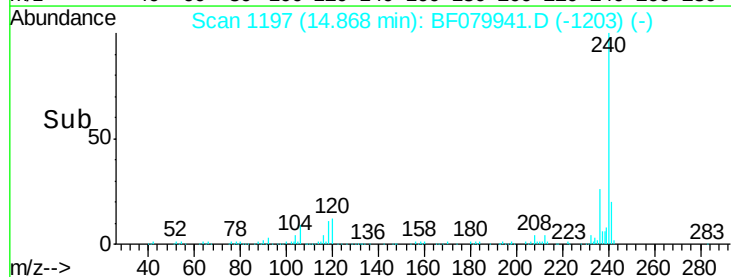
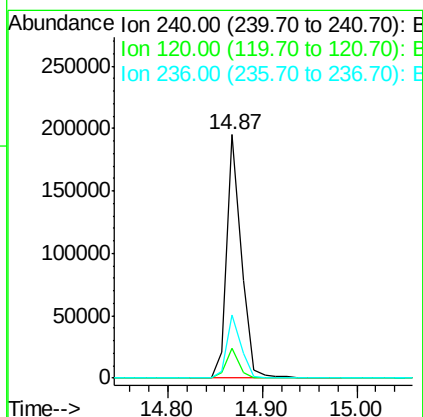
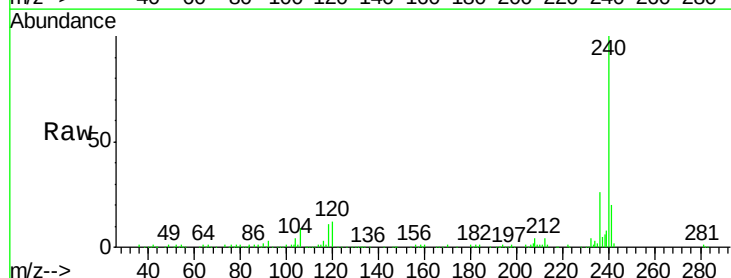
Manual Integrations
APPROVED

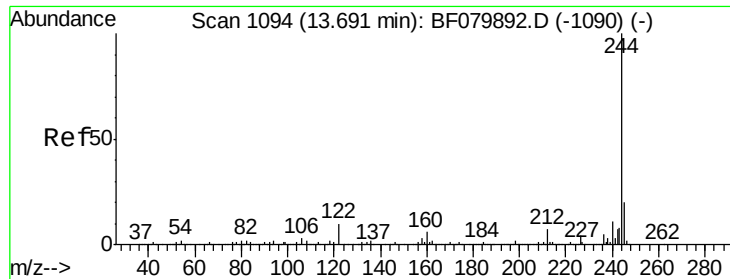
apatel
6/15/2015 12:43:37 PM



#75
Chrysene-d12
Concen: 20.00 ng m
RT: 14.87 min Scan# 1197
Delta R.T. -0.27 min
Lab File: BF079941.D
Acq: 12 Jun 2015 18:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	12.2	9.4	14.2
236	26.0	19.6	29.4





#78

Terphenyl-d14

Concen: 84.23 ng

RT: 13.62 min Scan# 1088

Delta R.T. -0.15 min

Lab File: BF079941.D

Acq: 12 Jun 2015 18:07

Instrument :

BNA_F

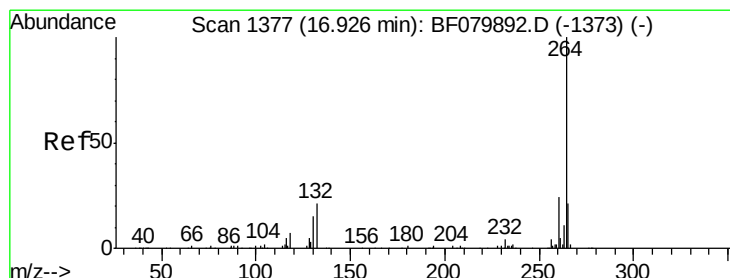
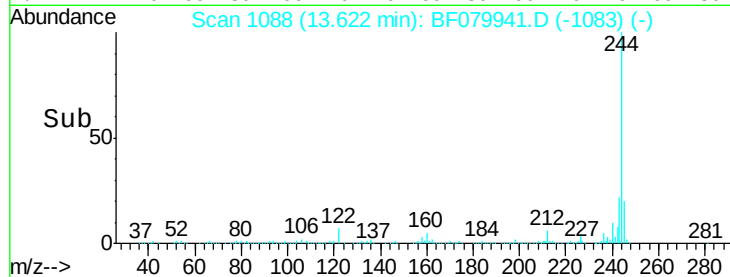
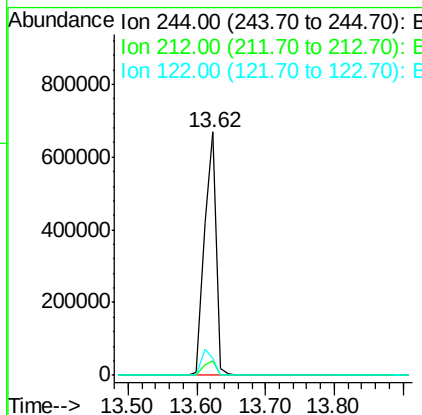
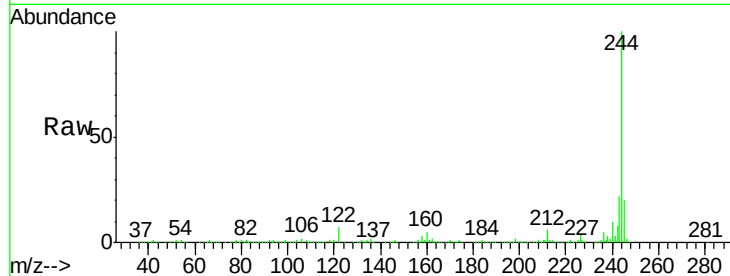
ClientSampleId :

MW-101

Tgt Ion:	244	Resp:	774566
Ion Ratio	Lower	Upper	
244	100		
212	6.1	5.4	8.2
122	6.8	7.8	11.8#

Manual Integrations
APPROVED

apatel
6/15/2015 12:43:37 PM



#86

Perylene-d12

Concen: 20.00 ng m

RT: 16.75 min Scan# 1362

Delta R.T. -0.34 min

Lab File: BF079941.D

Acq: 12 Jun 2015 18:07

Tgt Ion:	264	Resp:	204297
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.3	28.9
265	22.4	17.0	25.6

