

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080249.D
 Acq On : 30 Jun 2015 21:26
 Operator : TP/IZ
 Sample : G2837-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Manual Integrations
 APPROVED

apatel
 7/1/2015 4:17:06 PM

Quant Time: Jul 01 04:30:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	36085	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	149679	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	78850	20.00	ng	-0.05
63) Phenanthrene-d10	11.85	188	152312	20.00	ng	-0.06
75) Chrysene-d12	14.75	240	155319	20.00	ng	-0.25
86) Perylene-d12	16.57	264	150220	20.00	ng	-0.35
System Monitoring Compounds						
5) 2-Fluorophenol	5.89	112	131201	64.36	ng	-0.05
7) Phenol-d6	6.88	99	104026	38.35	ng	-0.05
23) Nitrobenzene-d5	7.84	82	232243	90.33	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	98101	127.23	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	463666	83.86	ng	-0.05
78) Terphenyl-d14	13.51	244	562723	84.61	ng	-0.16
Target Compounds						
2) 1,4-Dioxane	3.12	88	21768m	22.47	ng	Qvalue

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

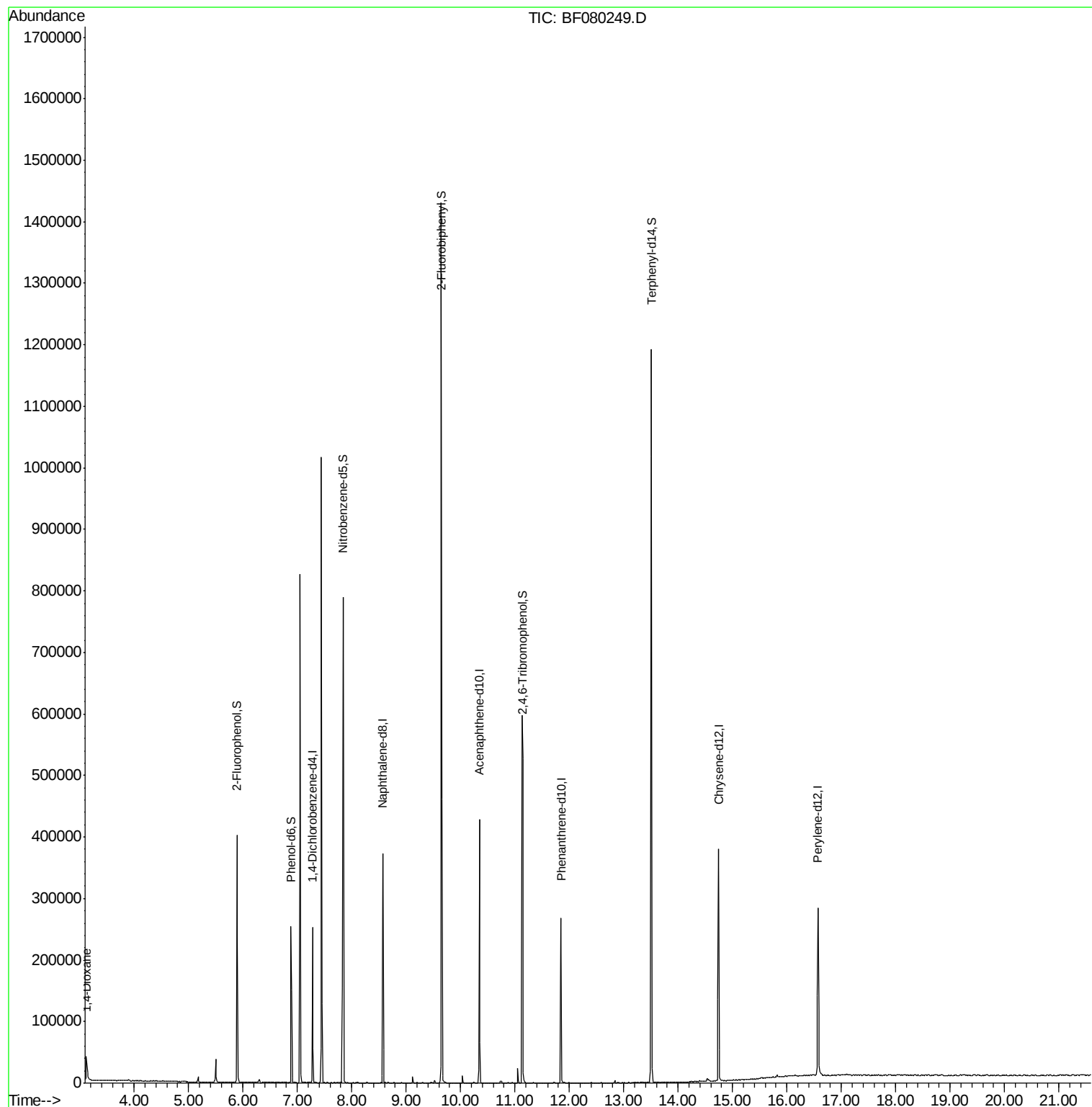
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080249.D
Acq On : 30 Jun 2015 21:26
Operator : TP/IZ
Sample : G2837-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

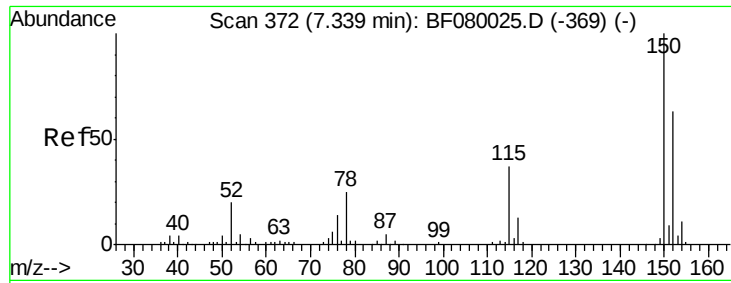
Instrument :
BNA_F
ClientSampleId :
MW-4

Manual Integrations
APPROVED

apatel
7/1/2015 4:17:06 PM

Quant Time: Jul 01 04:30:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration





#1

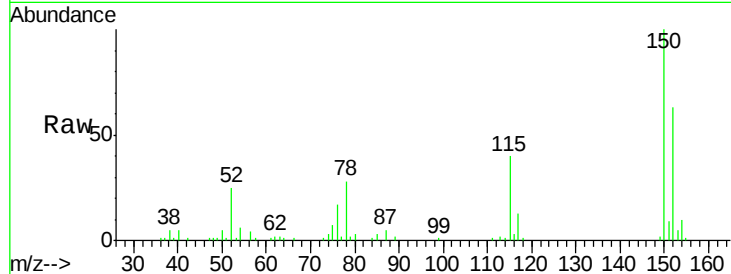
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 367
Delta R.T. -0.05 min
Lab File: BF080249.D
Acq: 30 Jun 2015 21:26

Instrument :
BNA_F
ClientSampleId :
MW-4

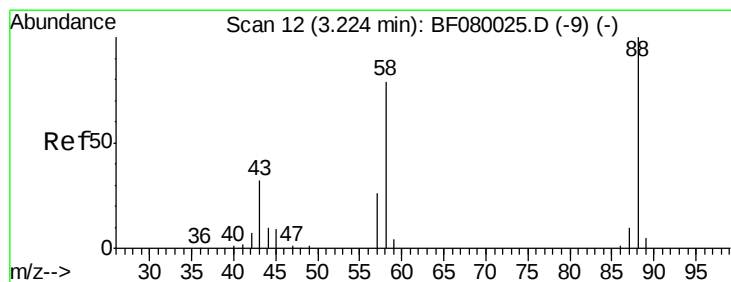
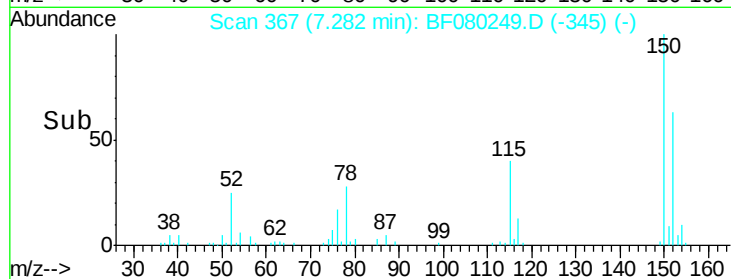
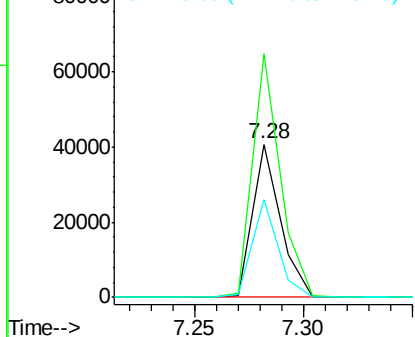
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.7	187.1
115	63.5	39.0	58.4

Manual Integrations
APPROVED

apatel
7/1/2015 4:17:06 PM



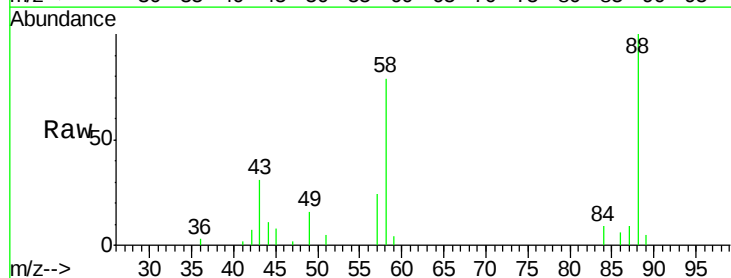
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



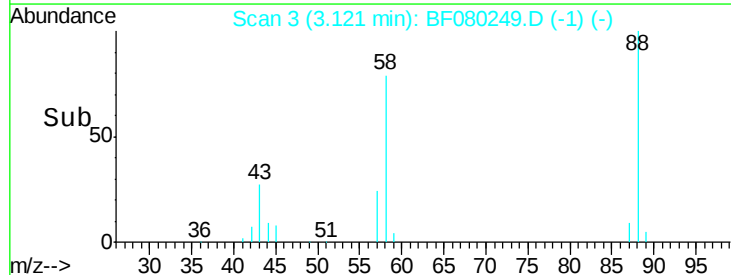
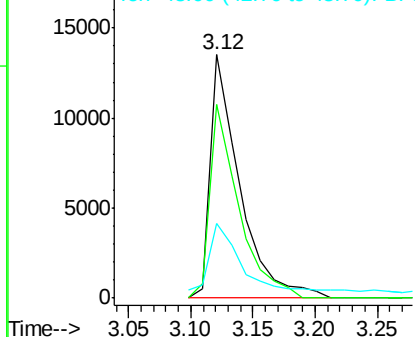
#2

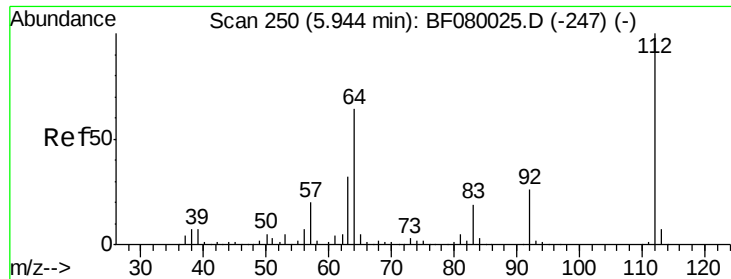
1,4-Dioxane
Concen: 22.47 ng m
RT: 3.12 min Scan# 3
Delta R.T. -0.07 min
Lab File: BF080249.D
Acq: 30 Jun 2015 21:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	77.7	116.5
43	0.0	26.6	40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 64.36 ng

RT: 5.89 min Scan# 245

Delta R.T. -0.05 min

Lab File: BF080249.D

Acq: 30 Jun 2015 21:26

Instrument :

BNA_F

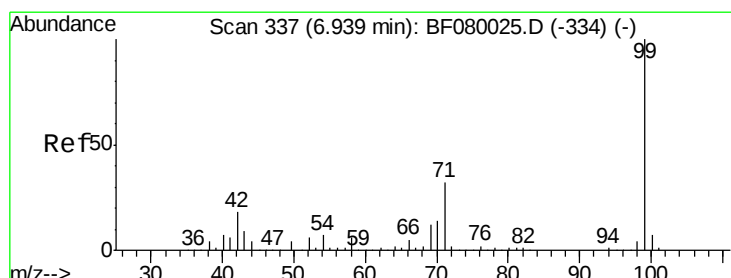
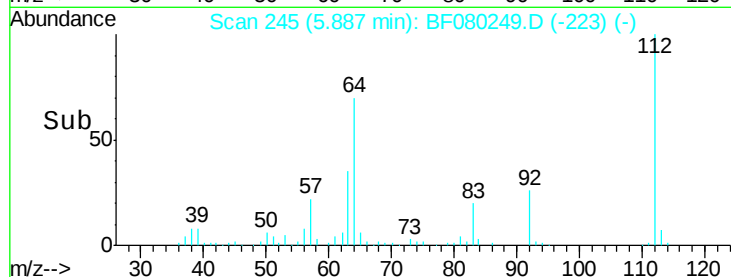
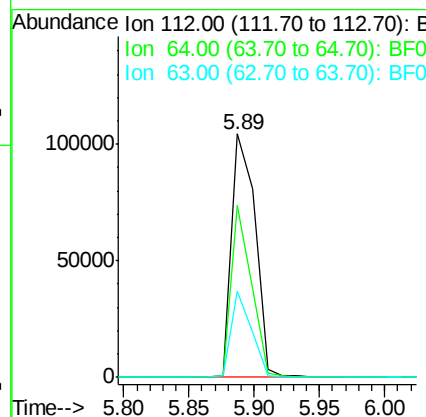
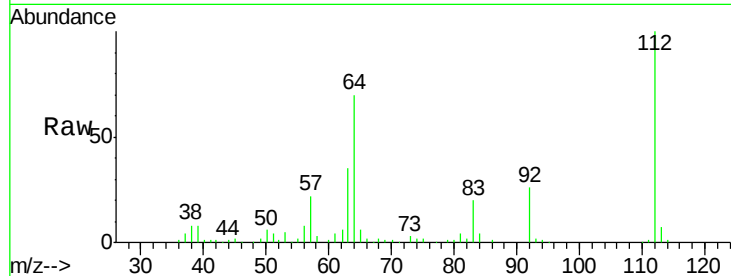
ClientSampled :

MW-4

Tgt Ion:	112	Resp:	131201
Ion Ratio	Lower	Upper	
112	100		
64	70.4	39.7	59.5#
63	35.5	17.4	26.0#

Manual Integrations
APPROVED

apatel
7/1/2015 4:17:06 PM



#7

Phenol-d6

Concen: 38.35 ng

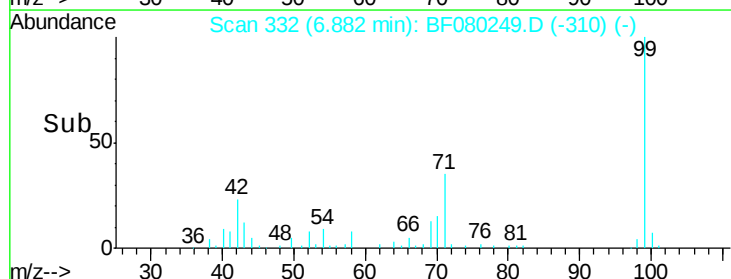
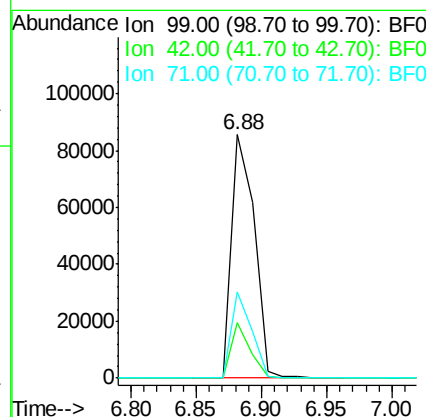
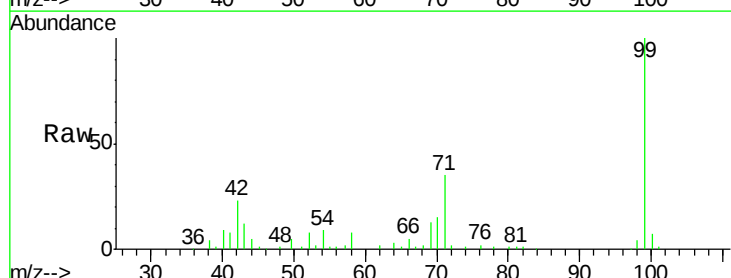
RT: 6.88 min Scan# 332

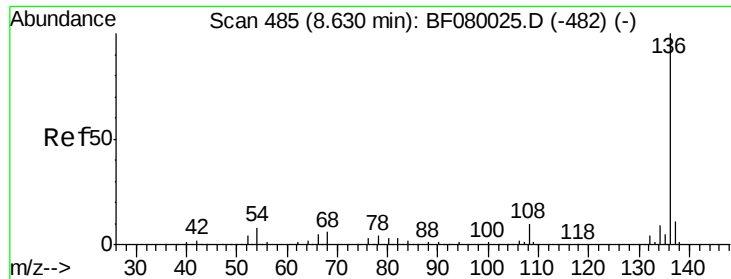
Delta R.T. -0.05 min

Lab File: BF080249.D

Acq: 30 Jun 2015 21:26

Tgt Ion:	99	Resp:	104026
Ion Ratio	Lower	Upper	
99	100		
42	22.7	13.7	20.5#
71	35.3	14.2	21.2#





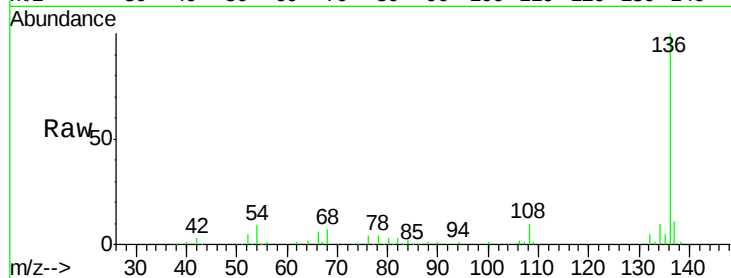
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080249.D
Acq: 30 Jun 2015 21:26

Instrument :
BNA_F
ClientSampled :
MW-4

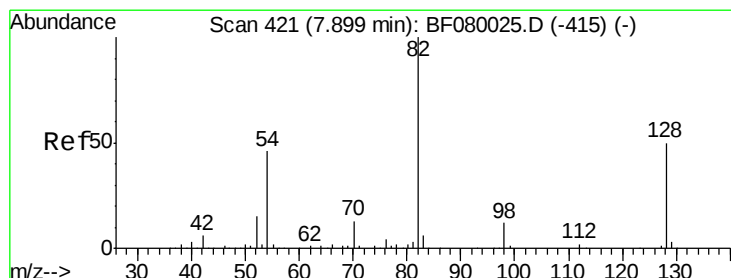
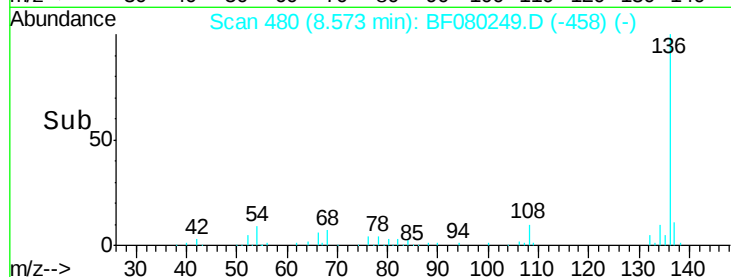
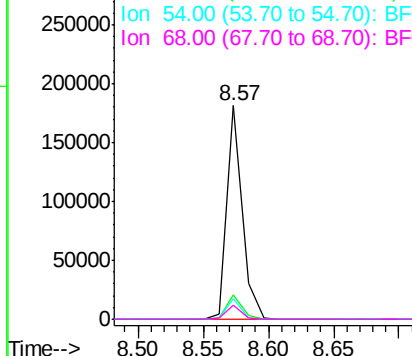
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	149679		
137	11.2	9.0	13.6	
54	9.4	8.2	12.2	
68	6.8	5.8	8.6	

Manual Integrations
APPROVED

apatel
7/1/2015 4:17:06 PM

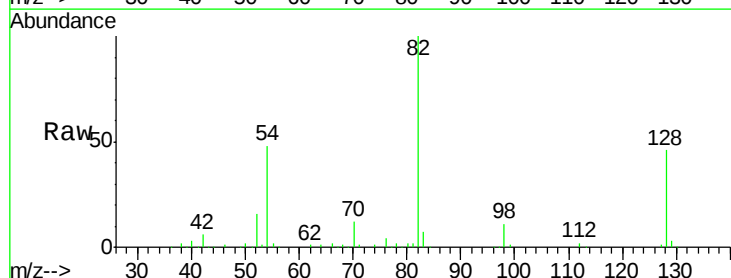


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

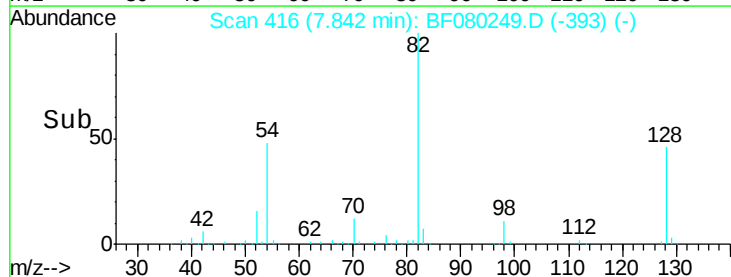
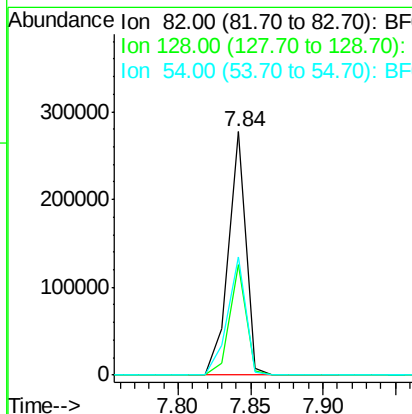


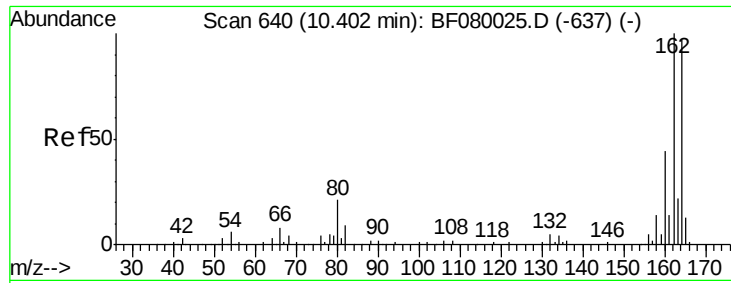
#23
Nitrobenzene-d5
Concen: 90.33 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF080249.D
Acq: 30 Jun 2015 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	232243		
128	45.6	51.0	76.6#	
54	48.4	47.5	71.3	



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





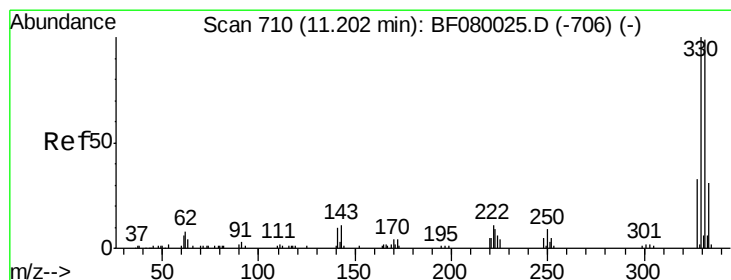
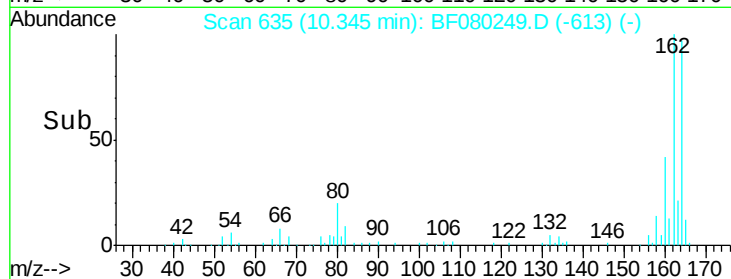
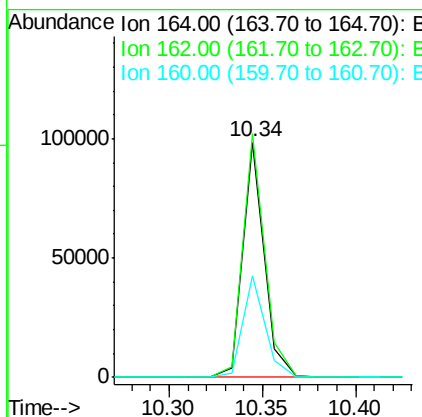
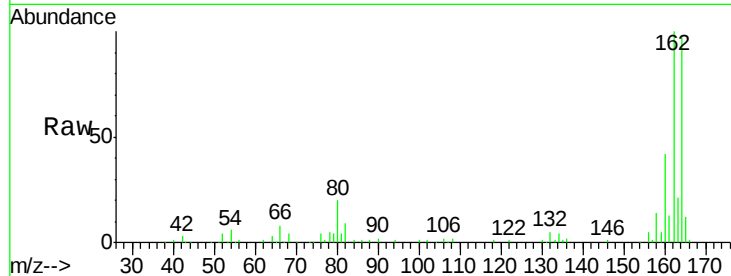
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF080249.D
 Acq: 30 Jun 2015 21:26

Instrument :
 BNA_F
 ClientSampled :
 MW-4

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	78850		
162	103.5	75.2	112.8	
160	43.1	31.5	47.3	

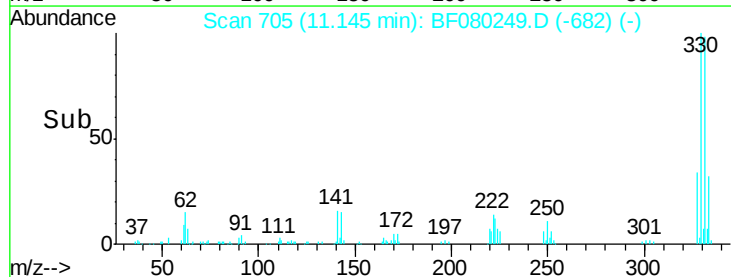
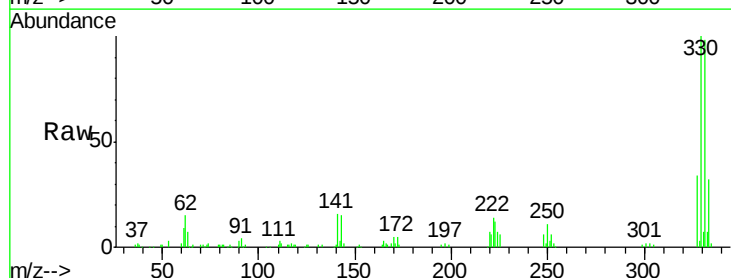
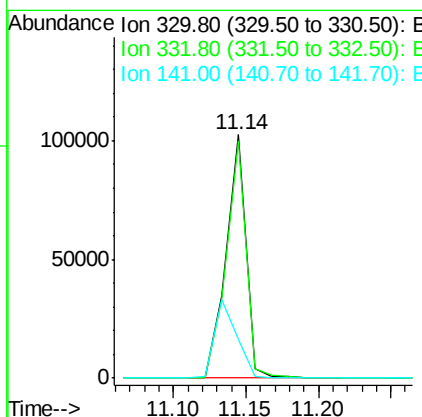
Manual Integrations
 APPROVED

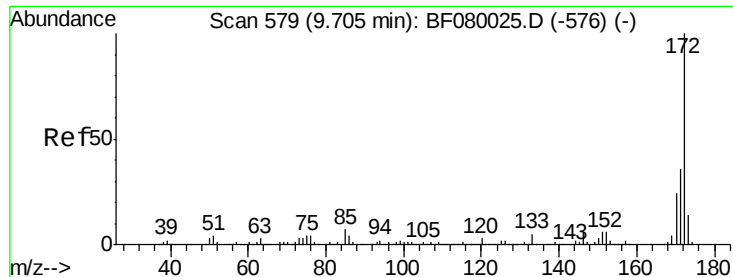
apatel
 7/1/2015 4:17:06 PM



#41
 2,4,6-Tribromophenol
 Concen: 127.23 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080249.D
 Acq: 30 Jun 2015 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	98101		
332	97.0	76.6	114.8	
141	35.6	29.7	44.5	





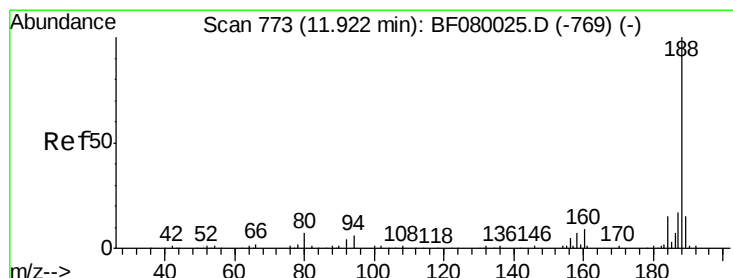
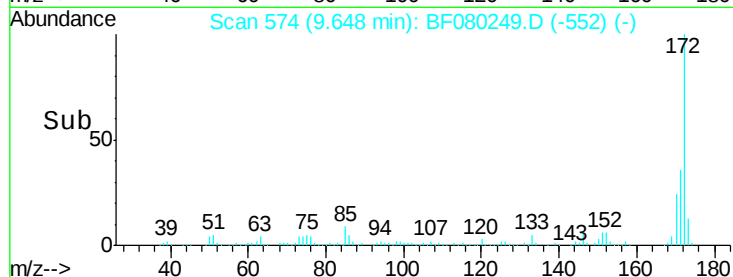
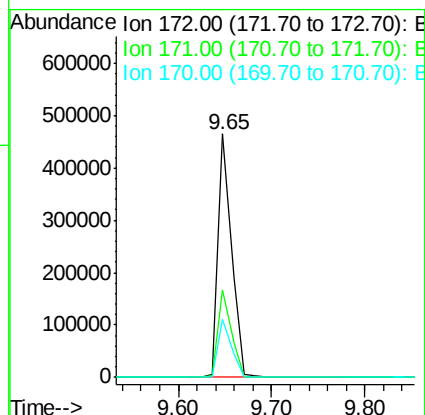
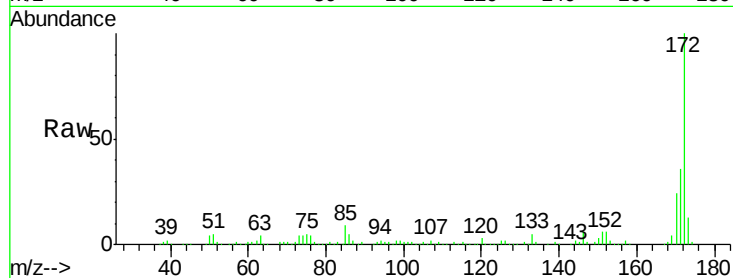
#44
 2-Fluorobiphenyl
 Concen: 83.86 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080249.D
 Acq: 30 Jun 2015 21:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	463666		
171	35.7	26.1	39.1	
170	23.7	17.4	26.2	

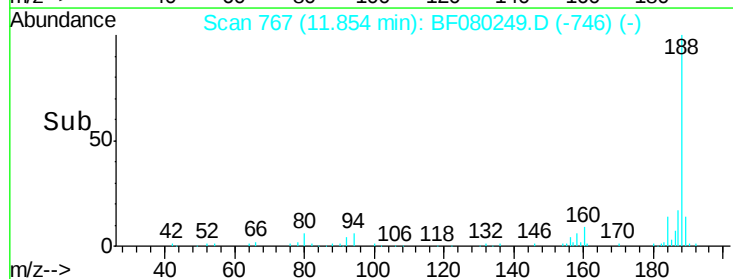
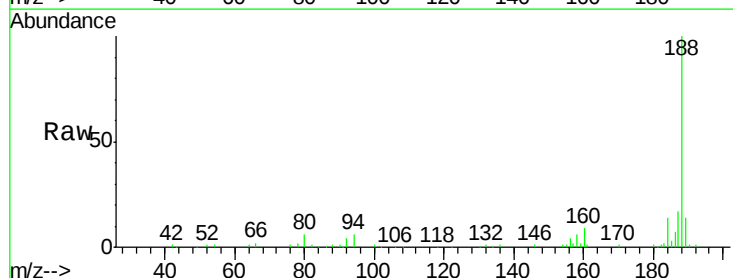
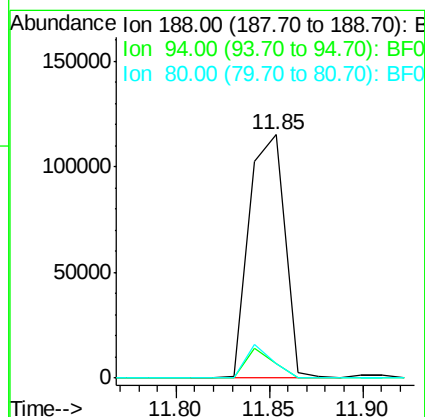
Manual Integrations
 APPROVED

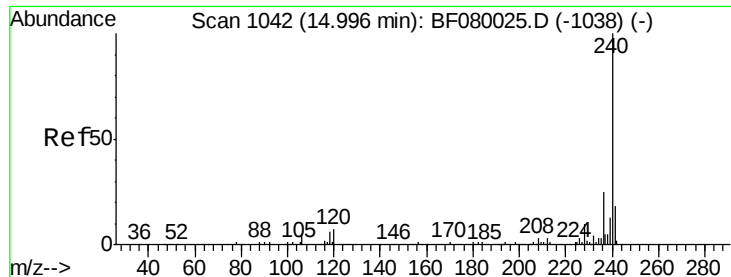
apatel
 7/1/2015 4:17:06 PM



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.85 min Scan# 767
 Delta R.T. -0.06 min
 Lab File: BF080249.D
 Acq: 30 Jun 2015 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	152312		
94	6.0	11.1	16.7#	
80	6.1	11.0	16.4#	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.75 min Scan# 1020

Delta R.T. -0.25 min

Lab File: BF080249.D

Acq: 30 Jun 2015 21:26

Instrument :

BNA_F

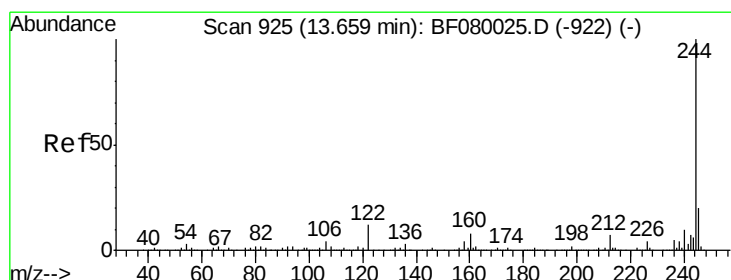
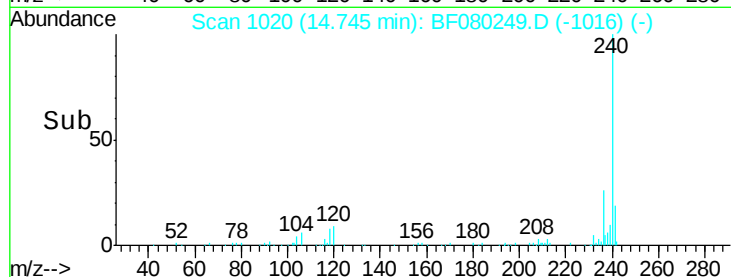
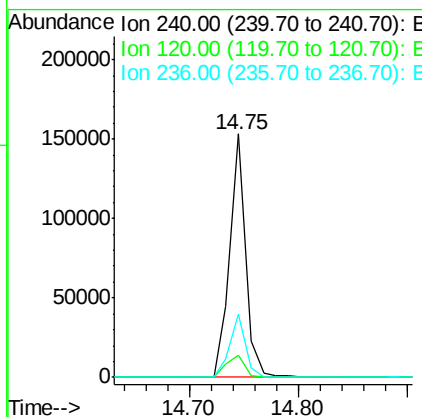
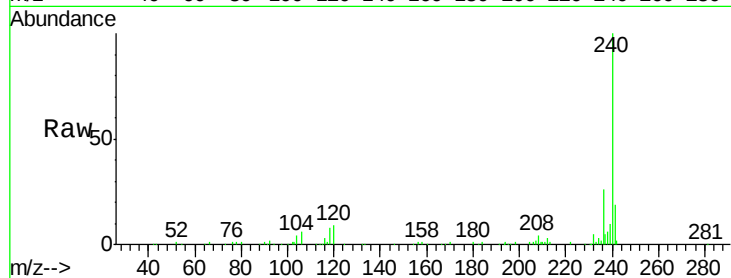
ClientSampleId :

MW-4

Tgt Ion:	240	Resp:	155319
Ion Ratio		Lower	Upper
240	100		
120	9.0	16.2	24.2#
236	25.8	18.4	27.6

Manual Integrations
APPROVED

apatel
7/1/2015 4:17:06 PM



#78

Terphenyl-d14

Concen: 84.61 ng

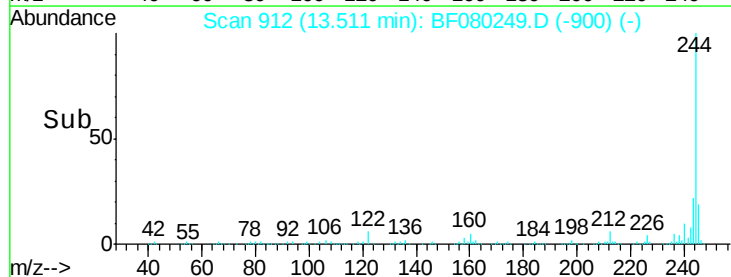
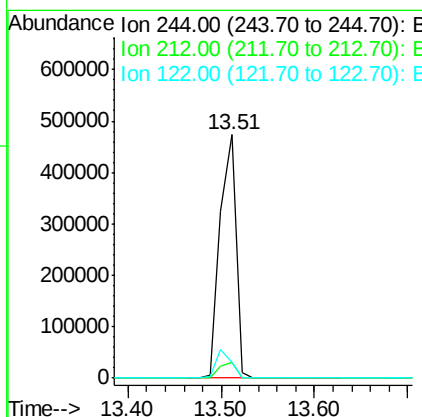
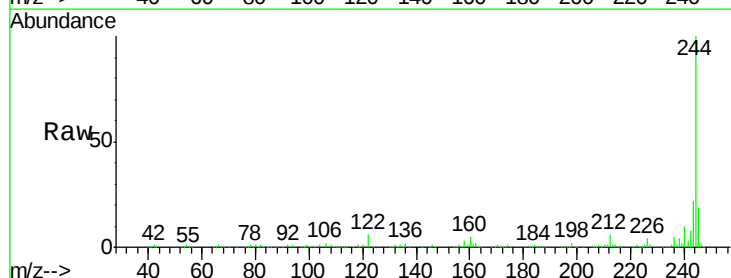
RT: 13.51 min Scan# 912

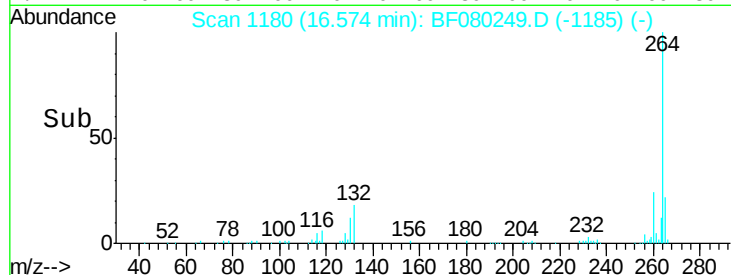
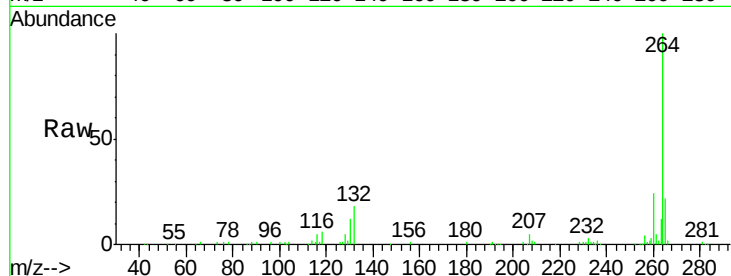
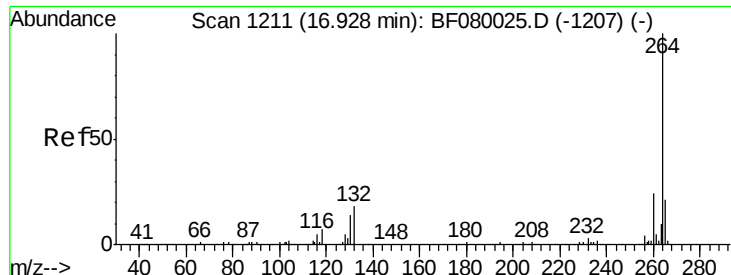
Delta R.T. -0.16 min

Lab File: BF080249.D

Acq: 30 Jun 2015 21:26

Tgt Ion:	244	Resp:	562723
Ion Ratio		Lower	Upper
244	100		
212	6.2	4.3	6.5
122	6.4	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.57 min Scan# 1180
Delta R.T. -0.35 min
Lab File: BF080249.D
Acq: 30 Jun 2015 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	150220		
260	23.9	16.7	25.1	
265	21.7	17.2	25.8	

Instrument :
BNA_F
ClientSampleId :
MW-4

Manual Integrations
APPROVED

apatel
7/1/2015 4:17:06 PM

