

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
 Data File : BF079447.D
 Acq On : 22 May 2015 21:53
 Operator : TP/IZ
 Sample : G2367-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW3

Manual Integrations
 APPROVED

apatel
 5/27/2015 8:16:37 AM

Quant Time: May 23 00:15:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 22:53:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	69847	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	283916	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	141261	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	266067	20.00	ng	-0.01
75) Chrysene-d12	15.92	240	248391	20.00	ng	-0.05
86) Perylene-d12	17.67	264	244858	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	274526m	67.66	ng	0.00
7) Phenol-d6	6.63	99	222754m	41.53	ng	0.00
23) Nitrobenzene-d5	7.75	82	454825	92.07	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	242056	158.39	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	949950	93.69	ng	0.00
78) Terphenyl-d14	14.63	244	932618	89.89	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	9.52	142	41589	4.44	ng	Qvalue 99

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

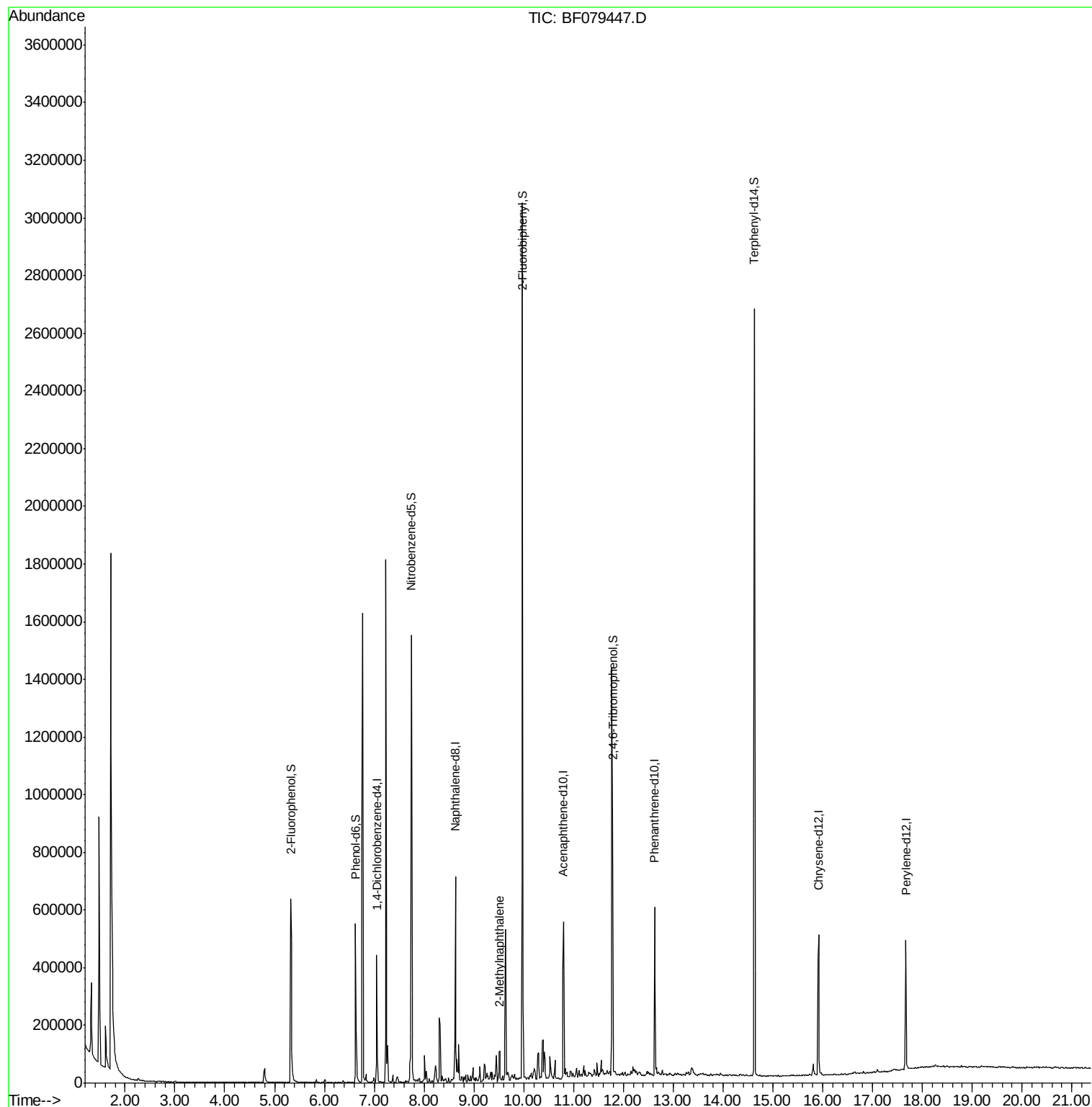
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079447.D
Acq On : 22 May 2015 21:53
Operator : TP/IZ
Sample : G2367-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

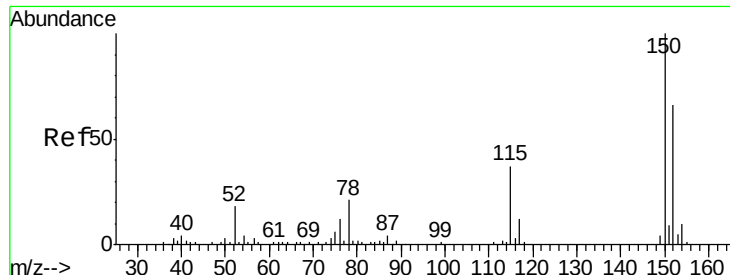
Instrument :
BNA_F
ClientSampleId :
RW3

Manual Integrations
APPROVED

apatel
5/27/2015 8:16:37 AM

Quant Time: May 23 00:15:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 22 22:53:44 2015
Response via : Initial Calibration





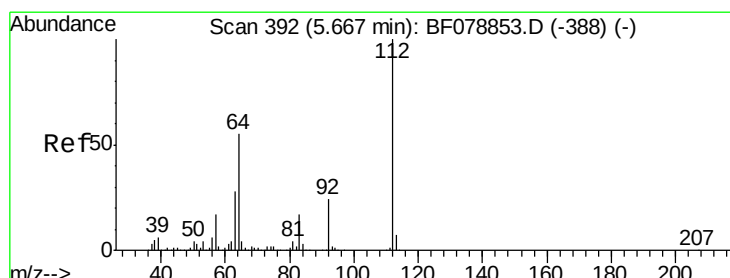
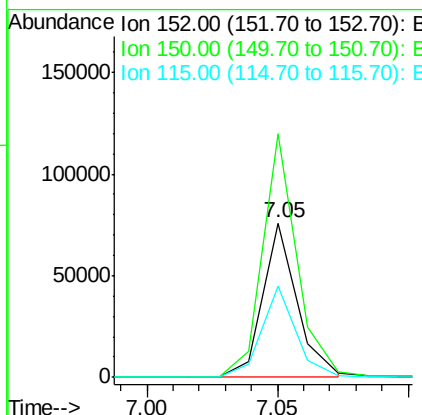
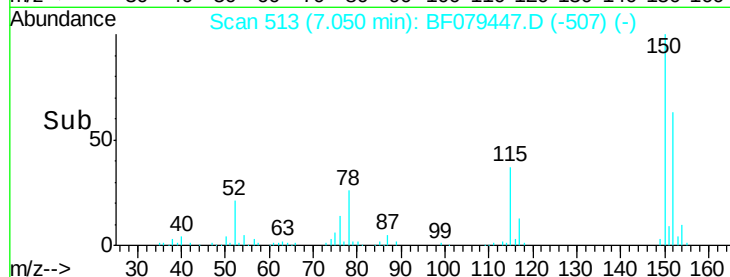
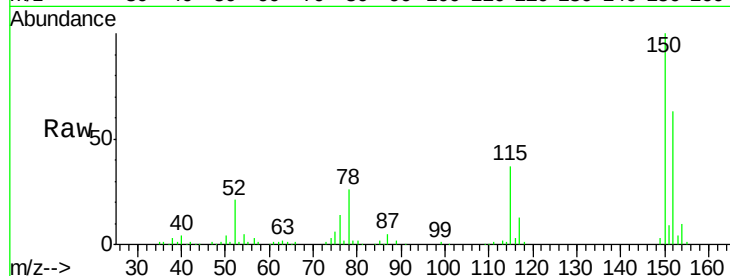
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF079447.D
 Acq: 22 May 2015 21:53

Instrument :
 BNA_F
 ClientSampleId :
 RW3

Tot Ion:	152	Resp:	69847
Ion Ratio	Lower	Upper	
152	100		
150	158.1	123.8	185.8
115	58.9	49.4	74.0

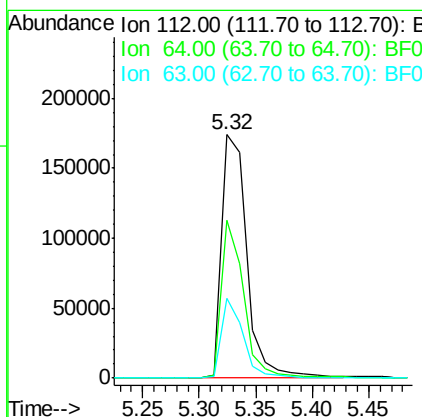
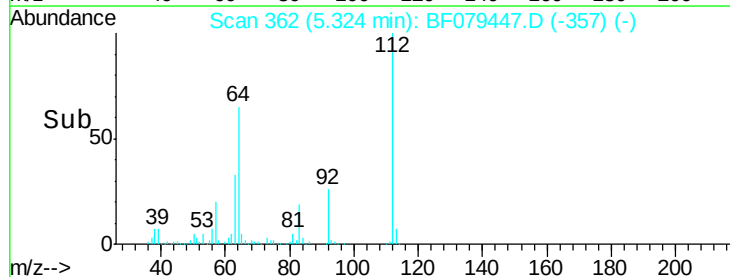
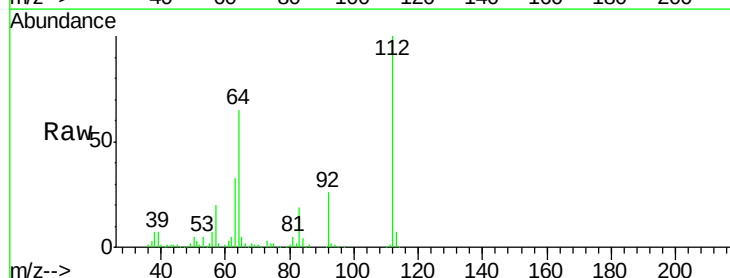
Manual Integrations
 APPROVED

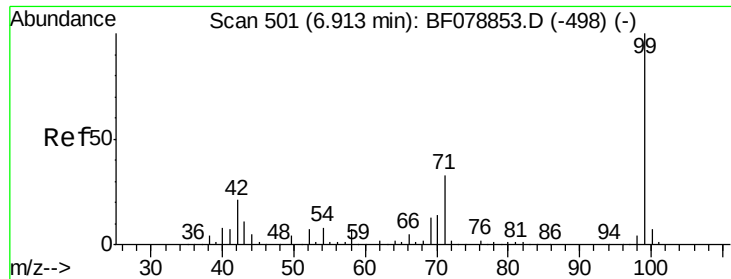
apatel
 5/27/2015 8:16:37 AM



#5
 2-Fluorophenol
 Concen: 67.66 ng m
 RT: 5.32 min Scan# 362
 Delta R.T. 0.00 min
 Lab File: BF079447.D
 Acq: 22 May 2015 21:53

Tgt Ion:	112	Resp:	274526
Ion Ratio	Lower	Upper	
112	100		
64	64.8	44.2	66.2
63	33.0	22.7	34.1





#7

Phenol-d6

Concen: 41.53 ng/mL

RT: 6.63 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF079447.D

Acq: 22 May 2015 21:53

Instrument :

BNA_F

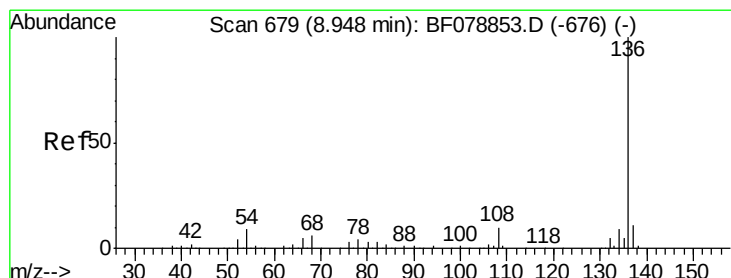
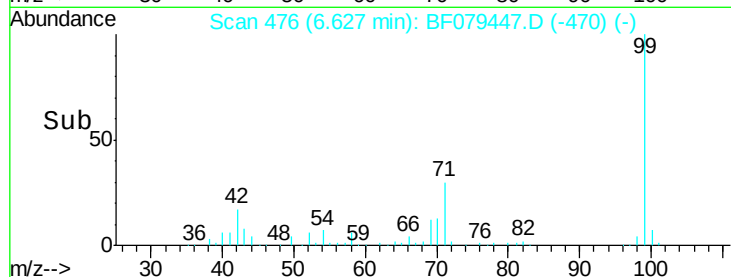
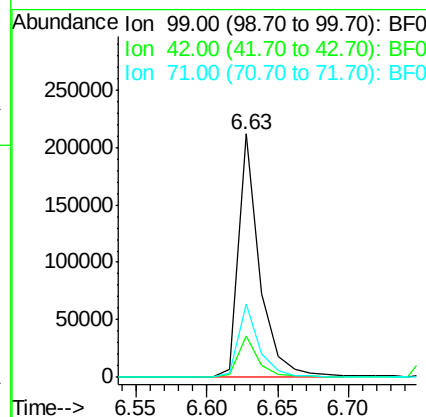
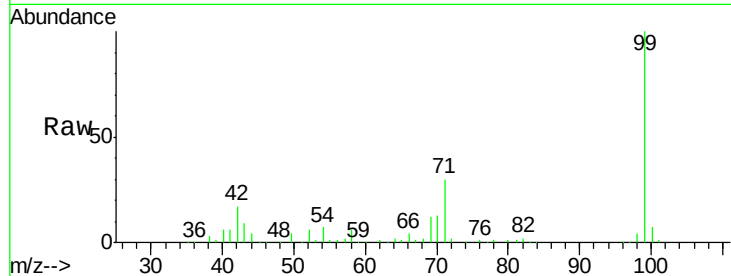
ClientSampleID :

RW3

Tot Ion:	99	Resp:	222754
Ion Ratio	Lower	Upper	
99	100		
42	16.9	17.1	25.7#
71	30.3	26.3	39.5

Manual Integrations
APPROVED

apatel
5/27/2015 8:16:37 AM



#21

Naphthalene-d8

Concen: 20.00 ng/mL

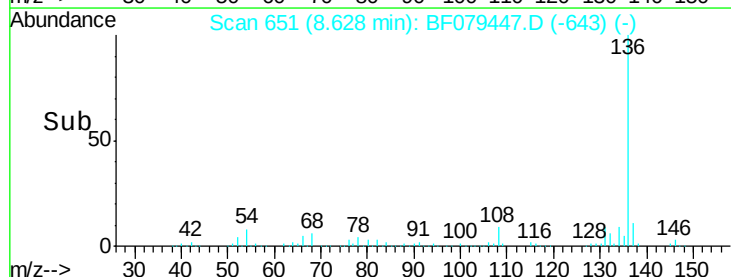
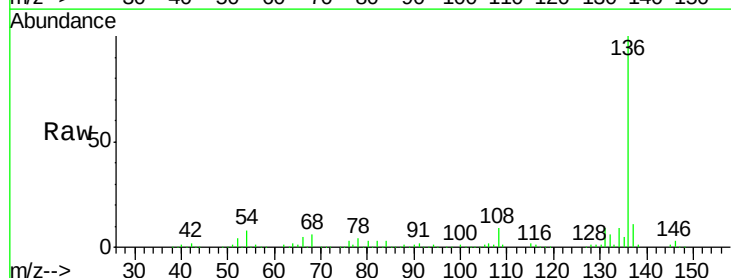
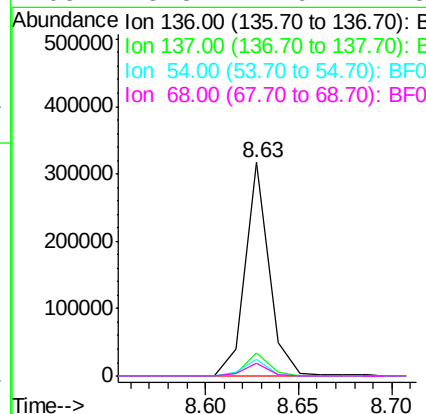
RT: 8.63 min Scan# 651

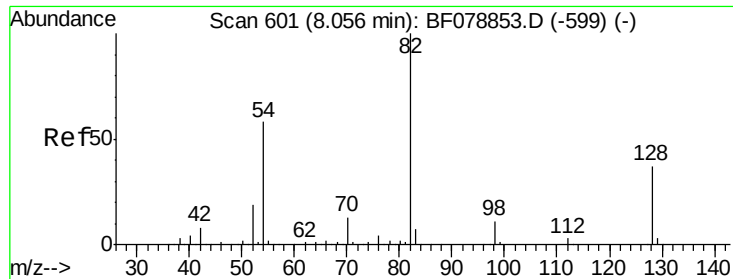
Delta R.T. 0.00 min

Lab File: BF079447.D

Acq: 22 May 2015 21:53

Tgt Ion:	136	Resp:	283916
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	7.5	6.9	10.3
68	5.8	4.9	7.3





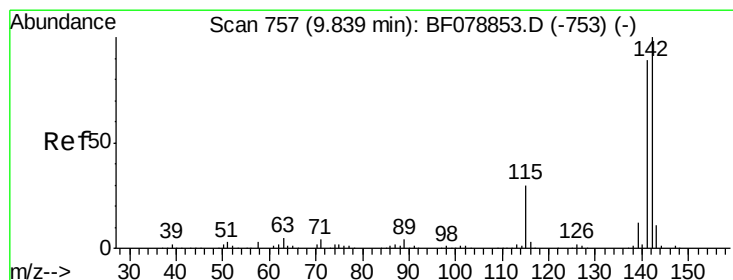
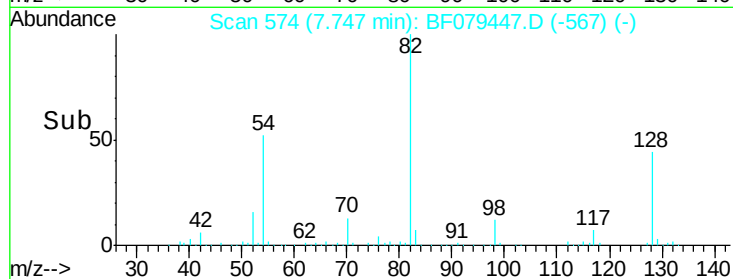
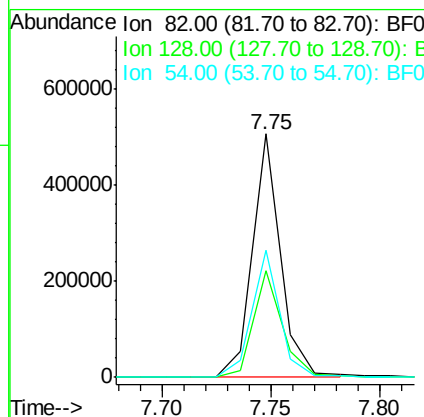
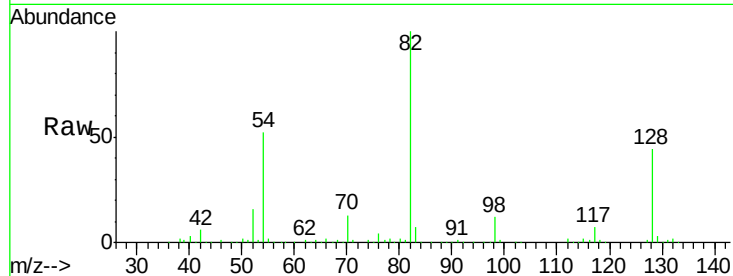
#23
 Nitrobenzene-d5
 Concen: 92.07 ng
 RT: 7.75 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF079447.D
 Acq: 22 May 2015 21:53

Instrument :
 BNA_F
 ClientSampleId :
 RW3

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.0	29.7	44.5	
54	52.0	46.2	69.4	

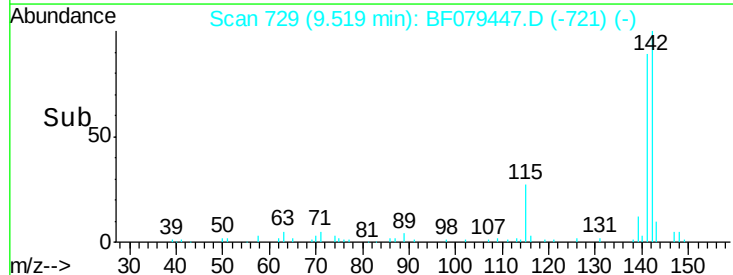
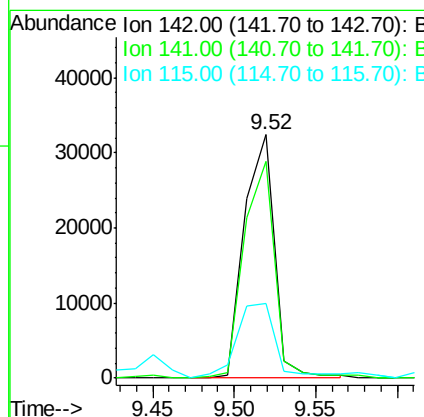
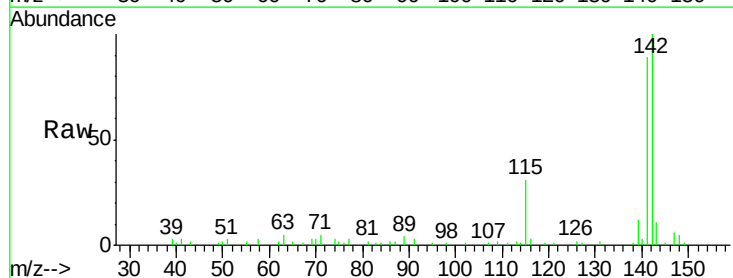
Manual Integrations
 APPROVED

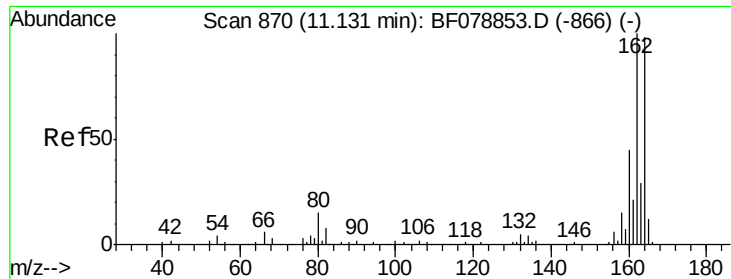
apatel
 5/27/2015 8:16:37 AM



#37
 2-Methylnaphthalene
 Concen: 4.44 ng
 RT: 9.52 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF079447.D
 Acq: 22 May 2015 21:53

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	88.9	71.6	107.4	
115	30.6	24.2	36.4	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.80 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF079447.D

Acq: 22 May 2015 21:53

Instrument :

BNA_F

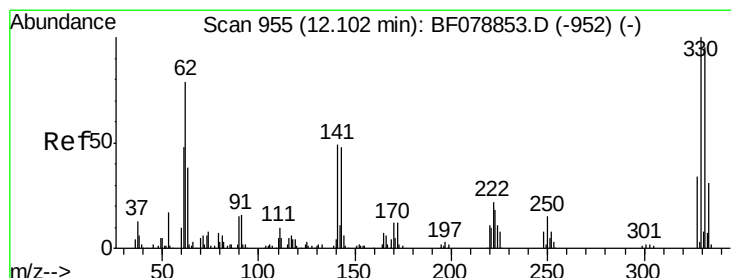
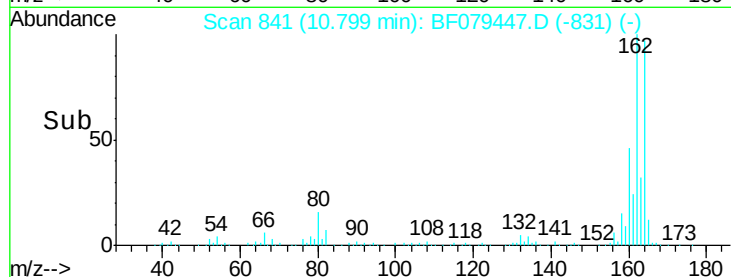
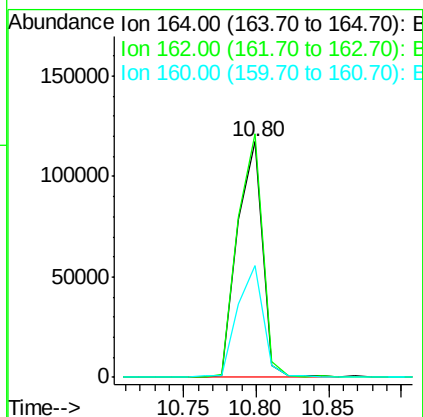
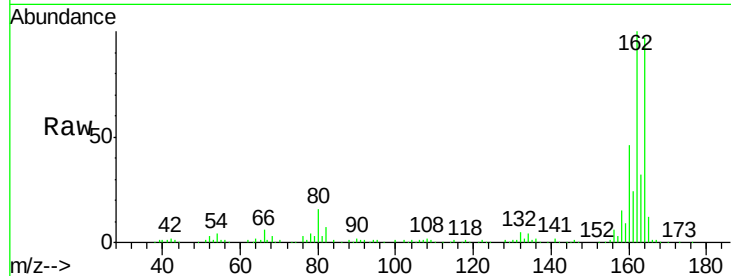
ClientSampleId :

RW3

Tot Ion:	164	Resp:	141261
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.4	122.0
160	47.2	36.6	54.8

Manual Integrations
APPROVED

apatel
5/27/2015 8:16:37 AM



#41

2,4,6-Tribromophenol

Concen: 158.39 ng

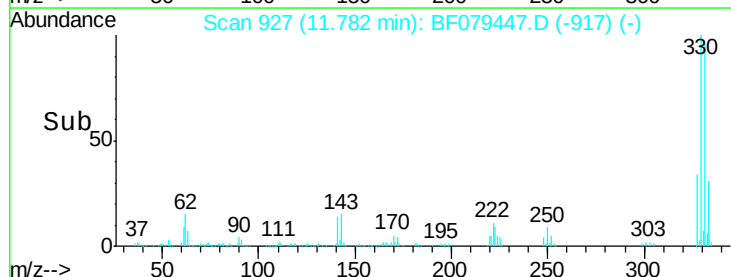
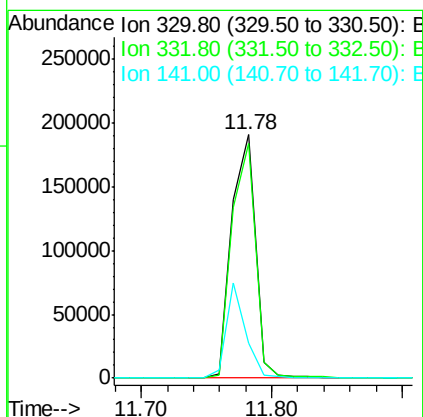
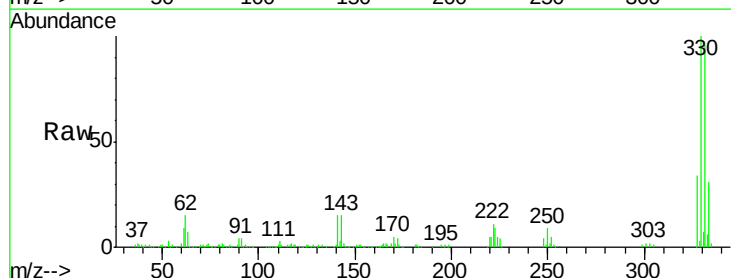
RT: 11.78 min Scan# 927

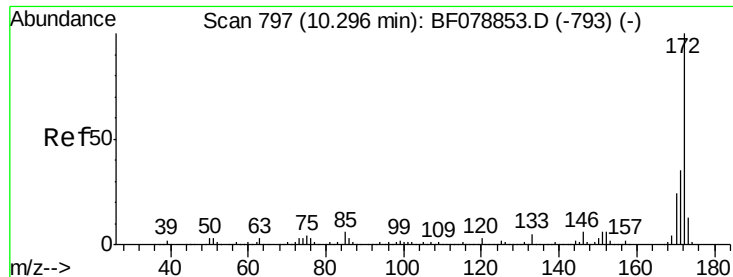
Delta R.T. 0.00 min

Lab File: BF079447.D

Acq: 22 May 2015 21:53

Tgt Ion:	330	Resp:	242056
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.9	115.3
141	32.8	27.8	41.8





#44

2-Fluorobiphenyl

Concen: 93.69 ng

RT: 9.98 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF079447.D

Acq: 22 May 2015 21:53

Instrument :

BNA_F

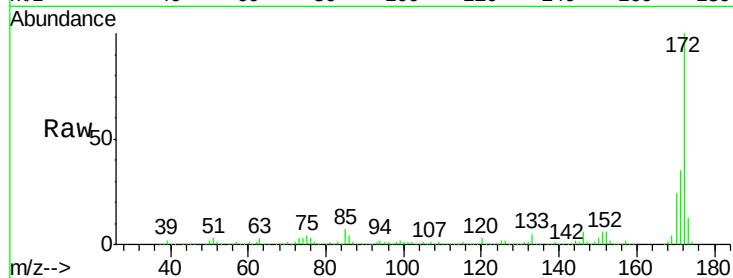
ClientSampled :

RW3

Tot Ion:	172	Resp:	949950
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.3	42.5
170	24.2	19.4	29.2

Manual Integrations
APPROVED

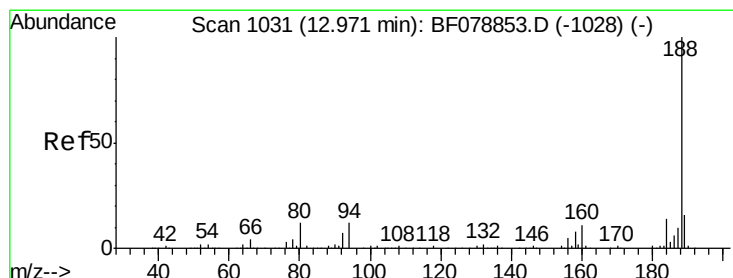
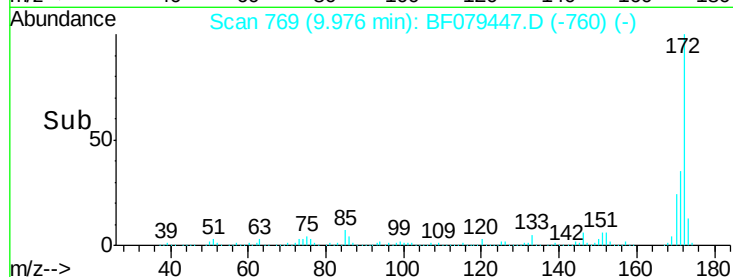
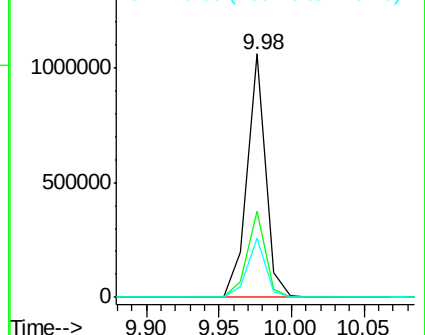
apatel
5/27/2015 8:16:37 AM



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



#63

Phenanthrene-d10

Concen: 20.00 ng

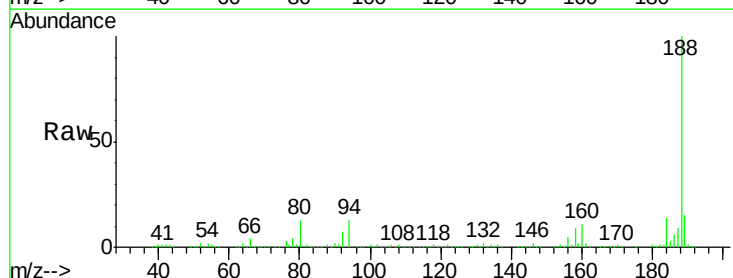
RT: 12.63 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF079447.D

Acq: 22 May 2015 21:53

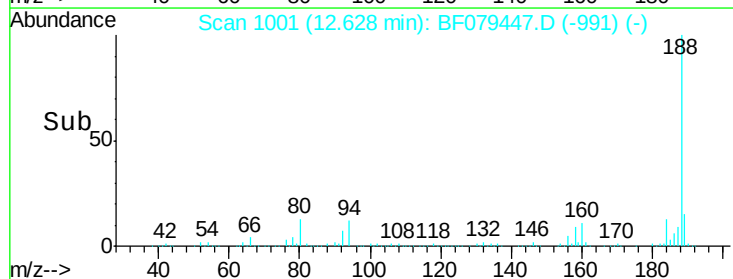
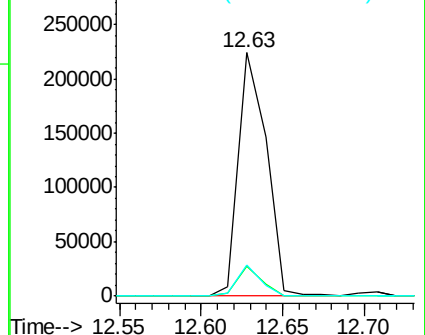
Tgt Ion:	188	Resp:	266067
Ion Ratio	Lower	Upper	
188	100		
94	12.5	9.4	14.0
80	13.0	9.8	14.6

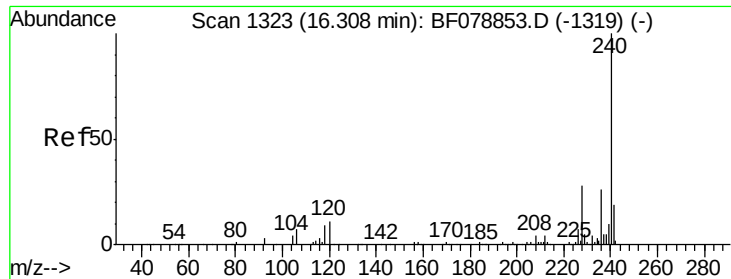


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.92 min Scan# 1289

Delta R.T. -0.05 min

Lab File: BF079447.D

Acq: 22 May 2015 21:53

Instrument :

BNA_F

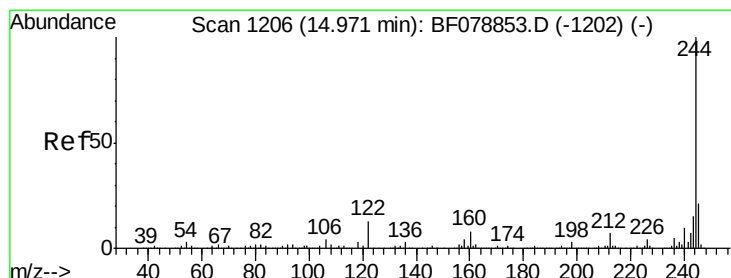
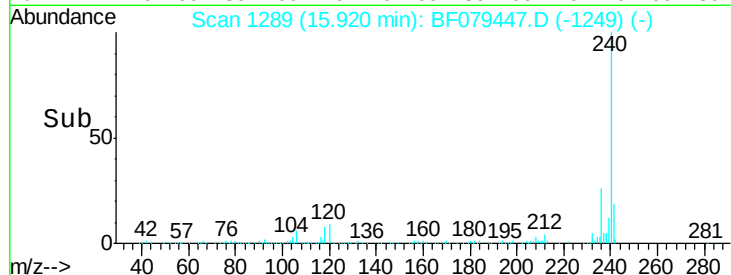
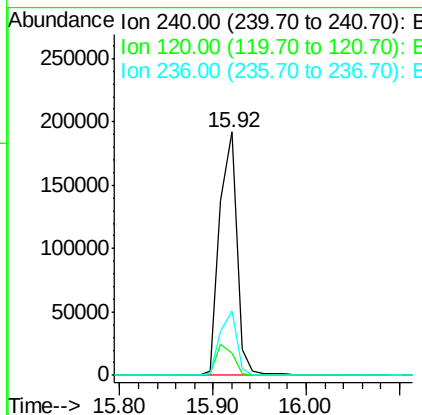
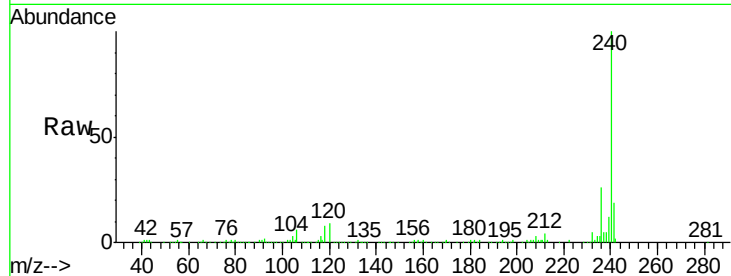
ClientSampled :

RW3

Tot Ion:	240	Resp:	248391
Ion Ratio	Lower	Upper	
240	100		
120	9.2	8.6	12.8
236	26.5	21.0	31.6

Manual Integrations
APPROVED

apatel
5/27/2015 8:16:37 AM



#78

Terphenyl-d14

Concen: 89.89 ng

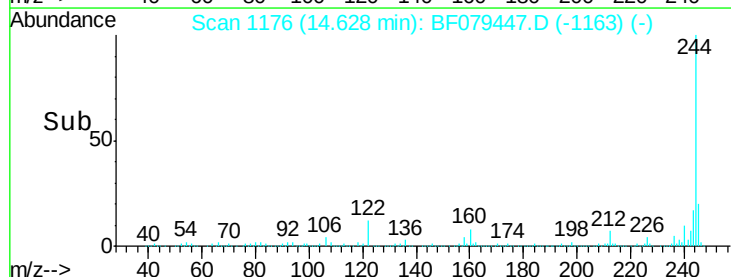
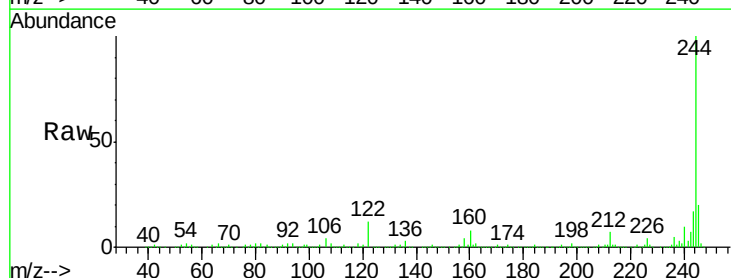
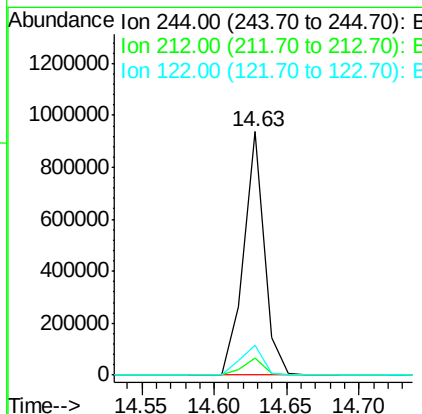
RT: 14.63 min Scan# 1176

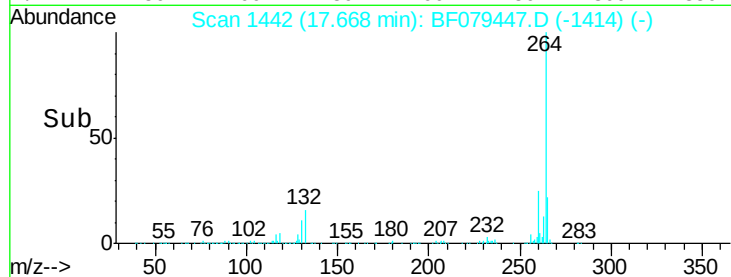
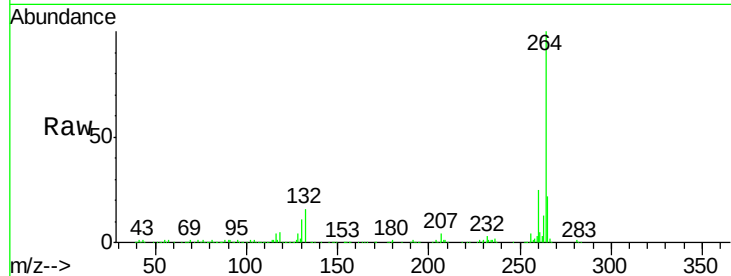
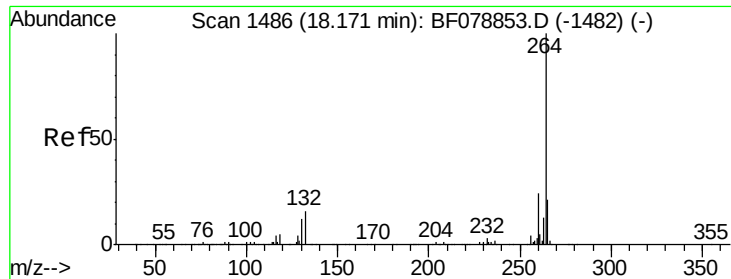
Delta R.T. 0.00 min

Lab File: BF079447.D

Acq: 22 May 2015 21:53

Tgt Ion:	244	Resp:	932618
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.6	8.4
122	12.2	10.5	15.7





#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.67 min Scan# 1442
Delta R.T. -0.18 min
Lab File: BF079447.D
Acq: 22 May 2015 21:53

Instrument :
BNA_F
ClientSampleId :
RW3

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	17.2	25.8

Manual Integrations
APPROVED

apatel
5/27/2015 8:16:37 AM

