

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079199.D
 Acq On : 13 May 2015 16:41
 Operator : TP/IZ
 Sample : G2195-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-23-9.5

Manual Integrations
 APPROVED

apatel
 5/14/2015 5:00:46 PM

Quant Time: May 14 01:28:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 00:58:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	53047	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	203214	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	100322	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	195774	20.00	ng	-0.01
75) Chrysene-d12	16.11	240	212837	20.00	ng	-0.05
86) Perylene-d12	17.89	264	212907	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	388568	126.09	ng	0.00
7) Phenol-d6	6.80	99	530095	130.13	ng	0.00
23) Nitrobenzene-d5	7.92	82	290677	82.21	ng	-0.01
41) 2,4,6-Tribromophenol	11.97	330	156152	143.88	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	587575	81.60	ng	0.00
78) Terphenyl-d14	14.82	244	692026m	77.84	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.66	163	29466	4.00	ng	Qvalue 99

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

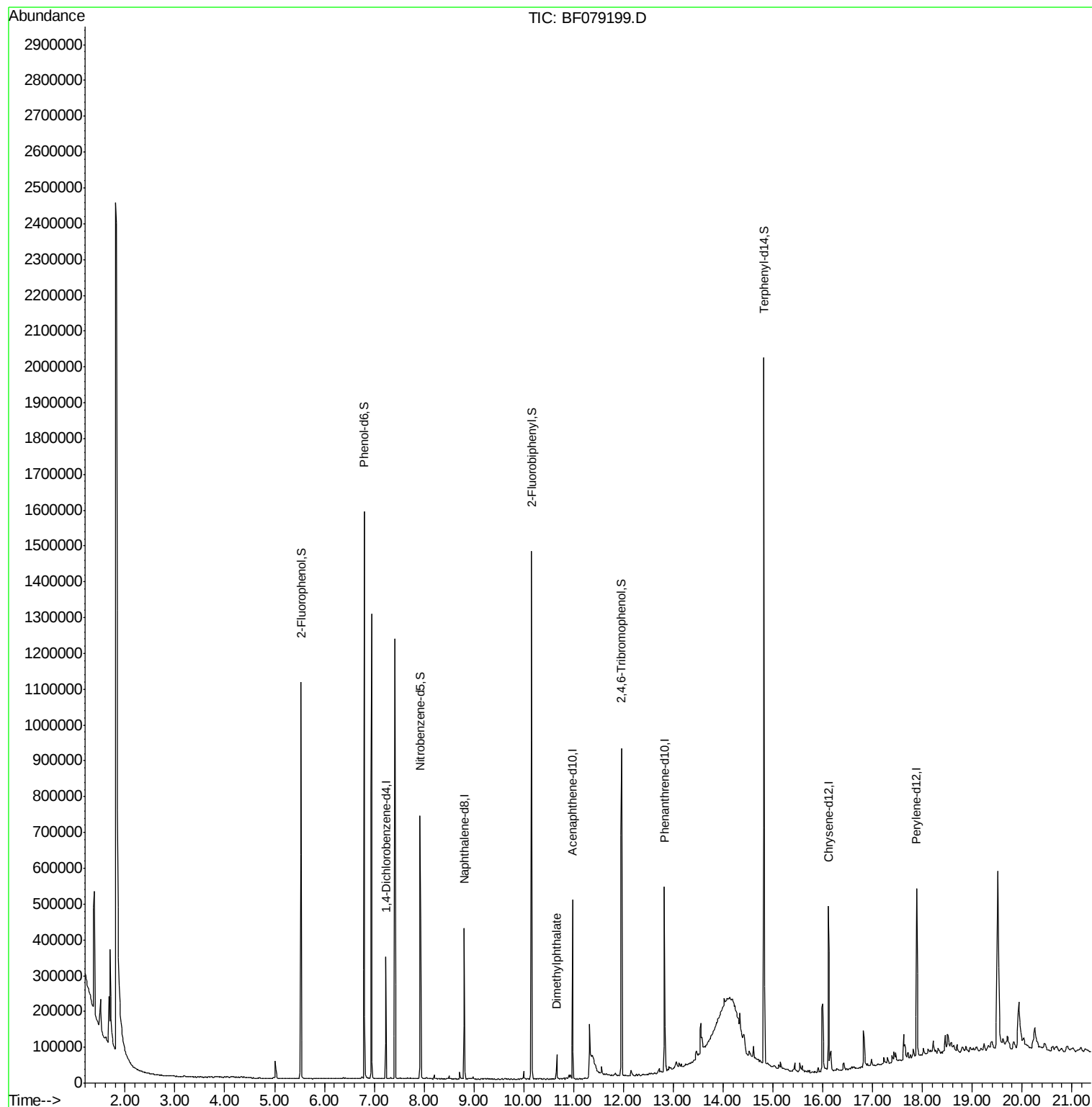
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079199.D
Acq On : 13 May 2015 16:41
Operator : TP/IZ
Sample : G2195-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

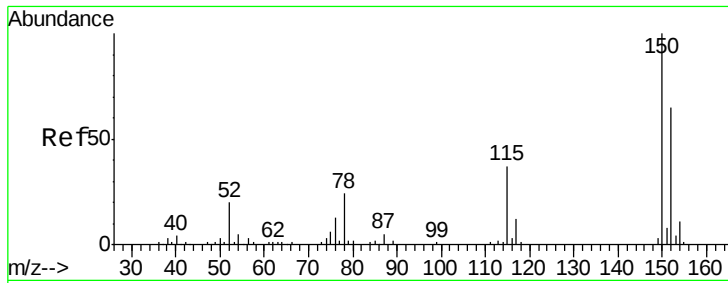
Instrument :
BNA_F
ClientSampleId :
TU012-SB-23-9.5

Manual Integrations
APPROVED

apatel
5/14/2015 5:00:46 PM

Quant Time: May 14 01:28:13 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 00:58:22 2015
Response via : Initial Calibration





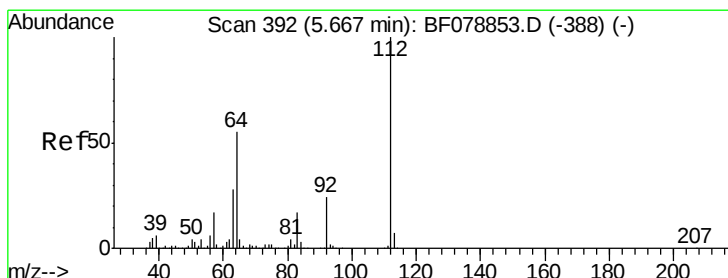
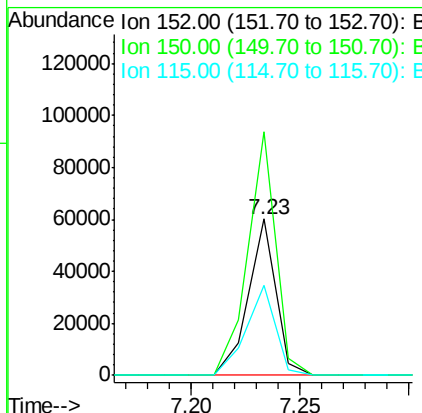
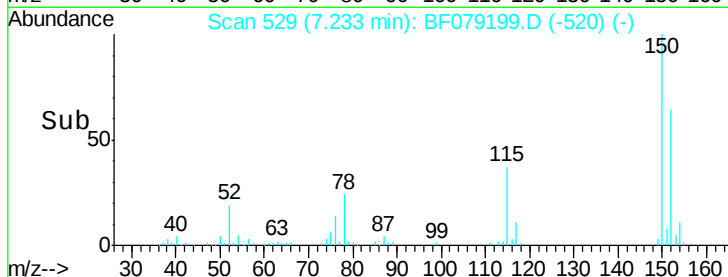
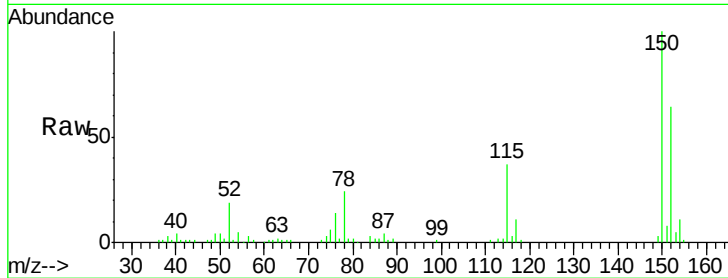
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF079199.D
 Acq: 13 May 2015 16:41

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-23-9.5

Tot Ion:	152	Resp:	53047
Ion Ratio	Lower	Upper	
152	100		
150	155.6	122.0	183.0
115	57.2	46.3	69.5

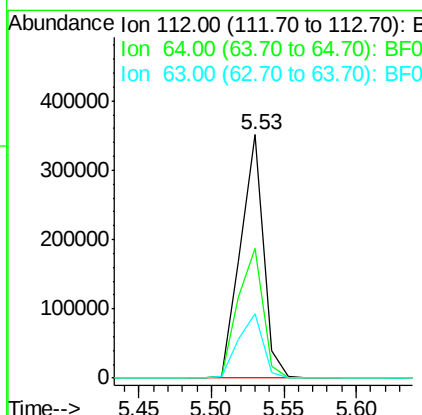
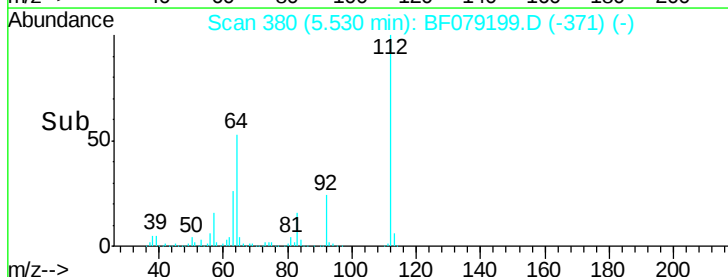
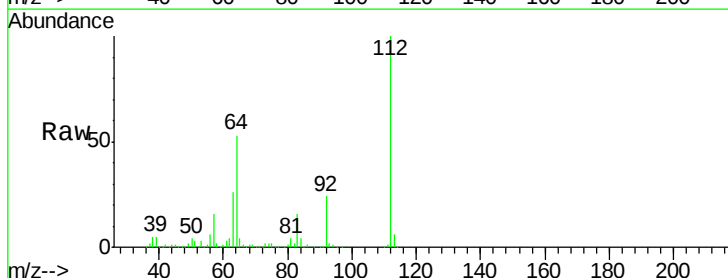
Manual Integrations
 APPROVED

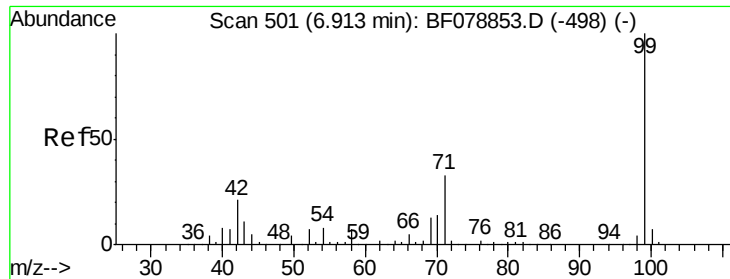
apatel
 5/14/2015 5:00:46 PM



#5
 2-Fluorophenol
 Concen: 126.09 ng
 RT: 5.53 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: BF079199.D
 Acq: 13 May 2015 16:41

Tgt Ion:	112	Resp:	388568
Ion Ratio	Lower	Upper	
112	100		
64	53.4	53.5	80.3#
63	26.5	27.5	41.3#





#7

Phenol-d6

Concen: 130.13 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079199.D

Acq: 13 May 2015 16:41

Instrument :

BNA_F

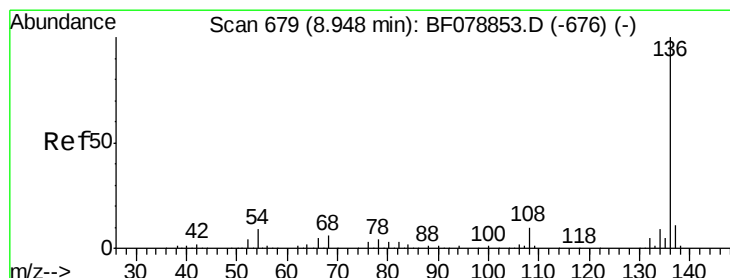
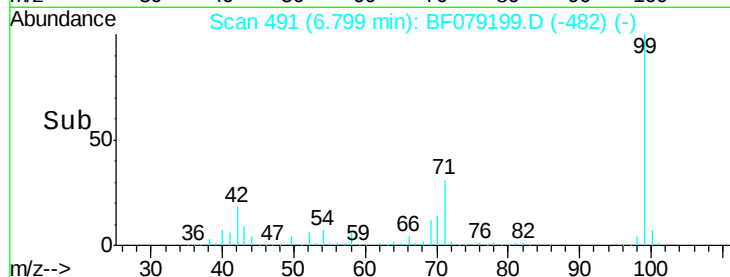
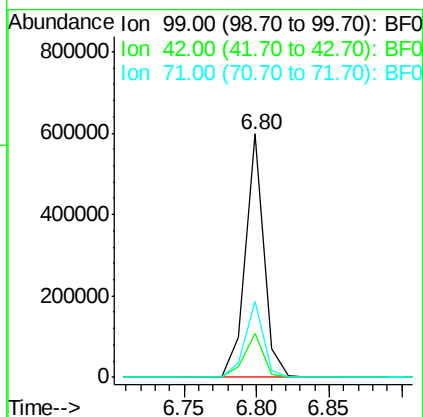
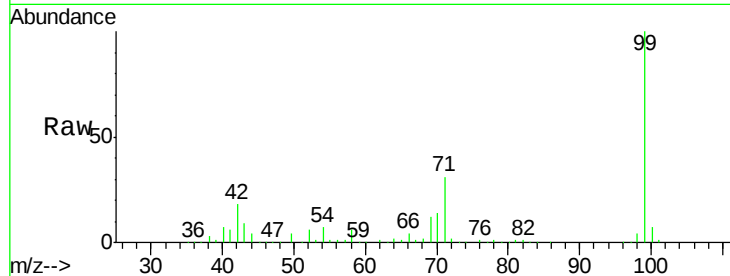
ClientSampleId :

TU012-SB-23-9.5

Tot Ion:	99	Resp:	530095
Ion Ratio	Lower	Upper	
99	100		
42	18.0	12.8	19.2
71	31.0	23.4	35.2

Manual Integrations
APPROVED

apatel
5/14/2015 5:00:46 PM



#21

Naphthalene-d8

Concen: 20.00 ng

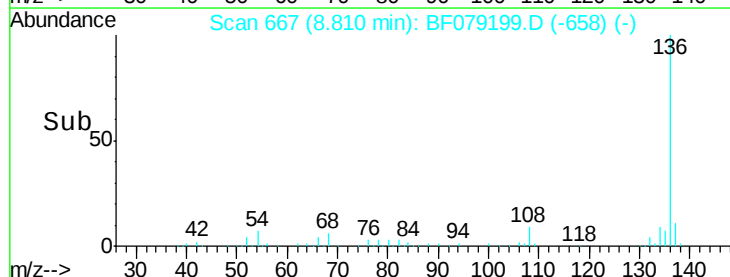
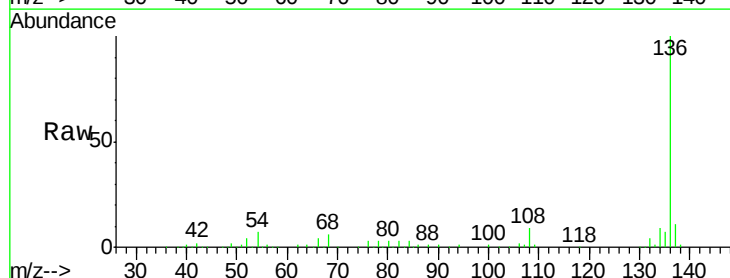
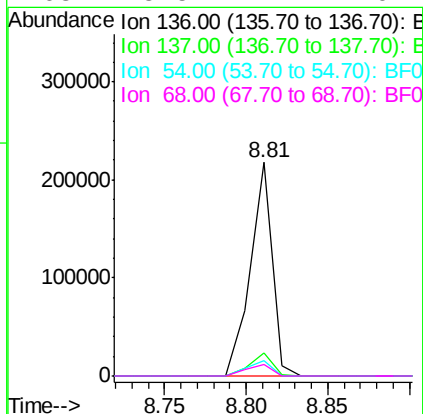
RT: 8.81 min Scan# 667

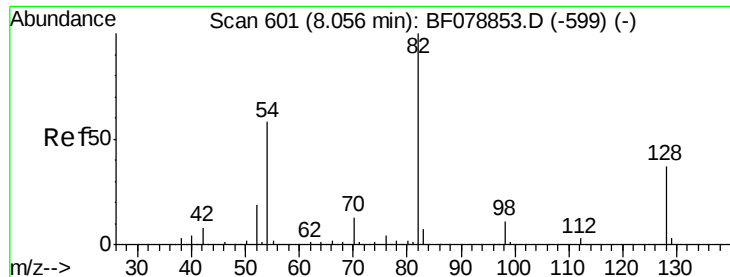
Delta R.T. 0.00 min

Lab File: BF079199.D

Acq: 13 May 2015 16:41

Tgt Ion:	136	Resp:	203214
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	7.0	5.8	8.8
68	5.5	4.2	6.4





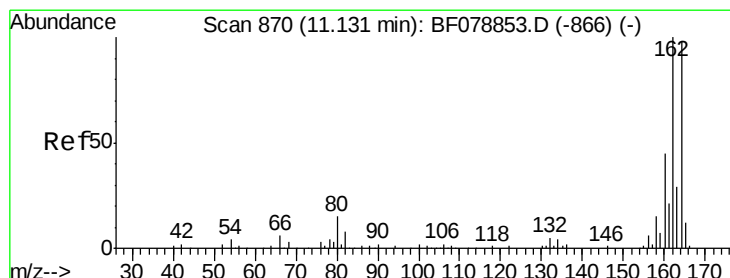
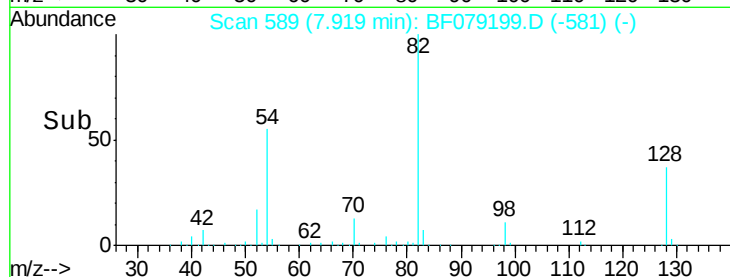
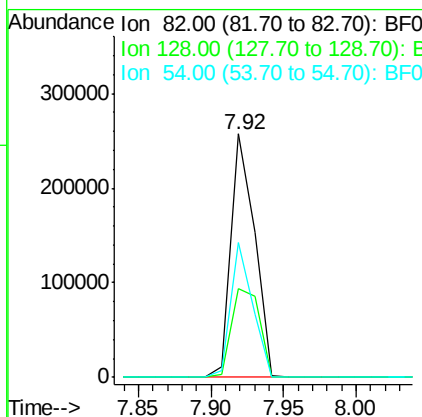
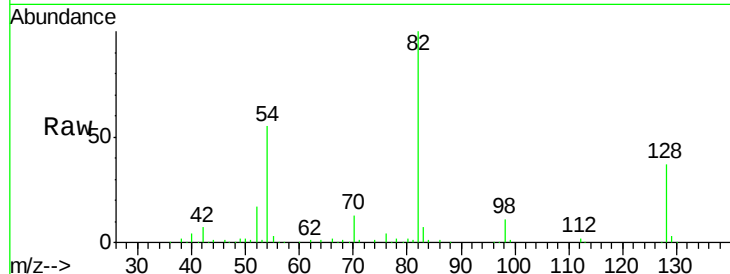
#23
Nitrobenzene-d5
Concen: 82.21 ng
RT: 7.92 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF079199.D
Acq: 13 May 2015 16:41

Instrument :
BNA_F
ClientSampleId :
TU012-SB-23-9.5

Tot Ion	Ratio	Resp	Lower	Upper
82	100	290677		
128	36.6		30.0	45.0
54	55.4		46.4	69.6

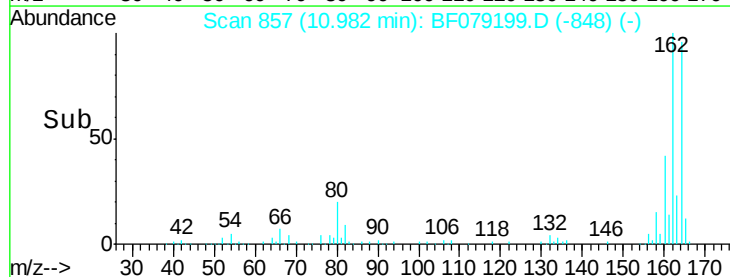
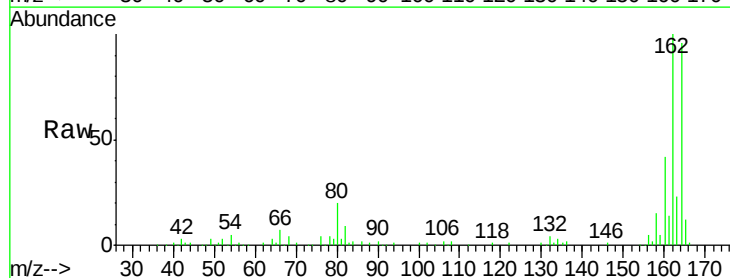
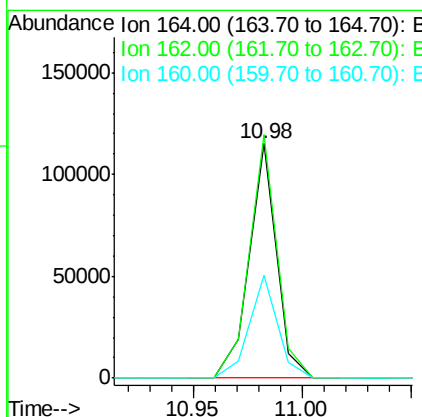
Manual Integrations
APPROVED

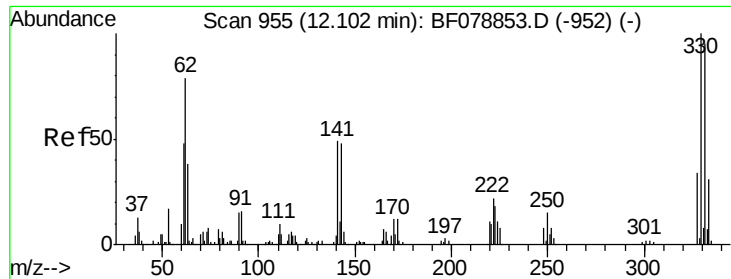
apatel
5/14/2015 5:00:46 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF079199.D
Acq: 13 May 2015 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	100322		
162	103.9		82.7	124.1
160	43.9		35.8	53.8





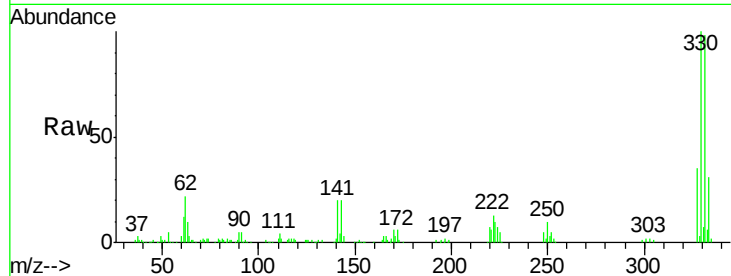
#41
 2,4,6-Tribromophenol
 Concen: 143.88 ng
 RT: 11.97 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079199.D
 Acq: 13 May 2015 16:41

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-23-9.5

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	32.0	0.0	0.0#

Manual Integrations
 APPROVED

apatel
 5/14/2015 5:00:46 PM

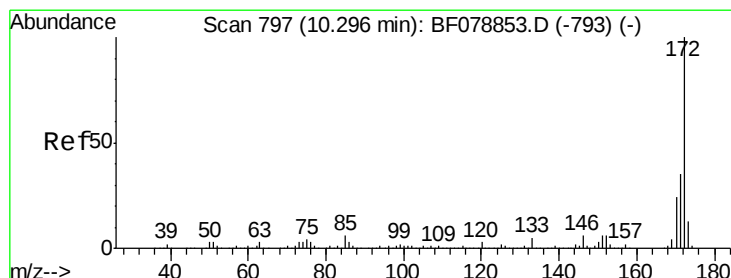
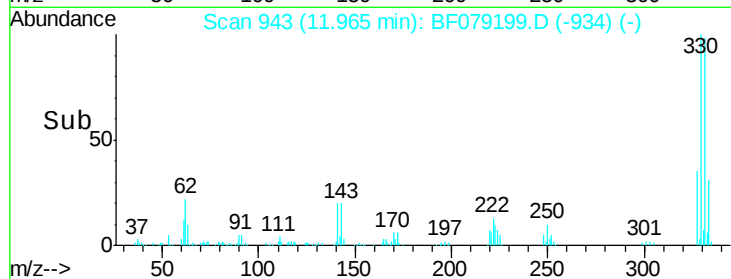
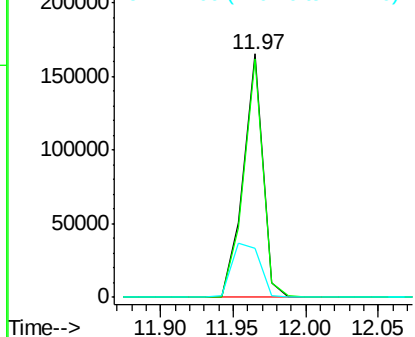


Abundance

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: 81.60 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079199.D
 Acq: 13 May 2015 16:41

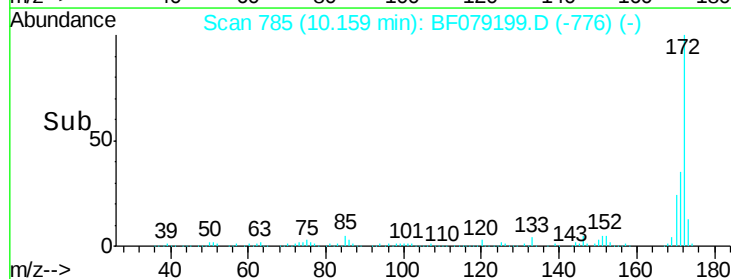
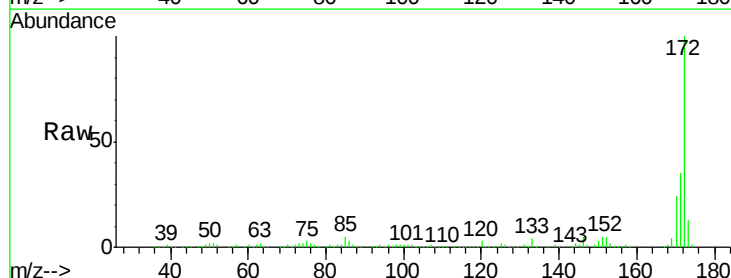
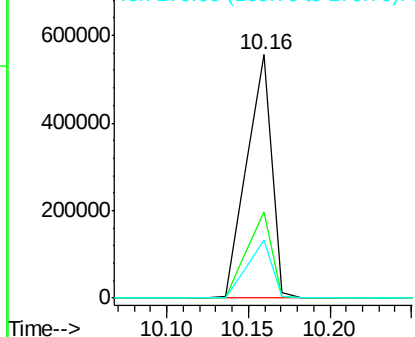
Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.3	27.9	41.9
170	24.0	19.4	29.0

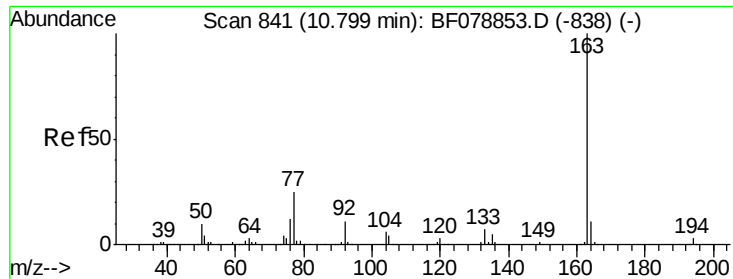
Abundance

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





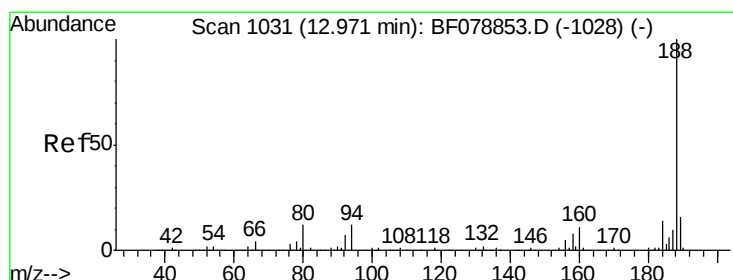
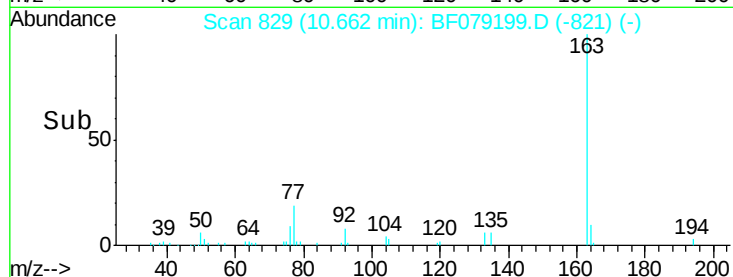
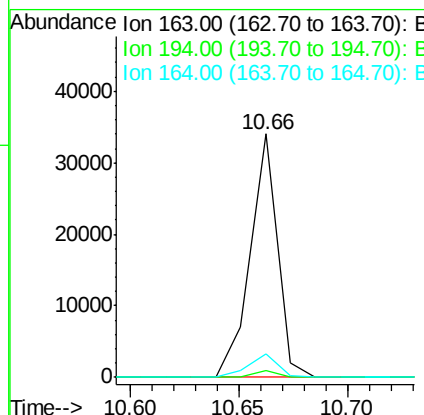
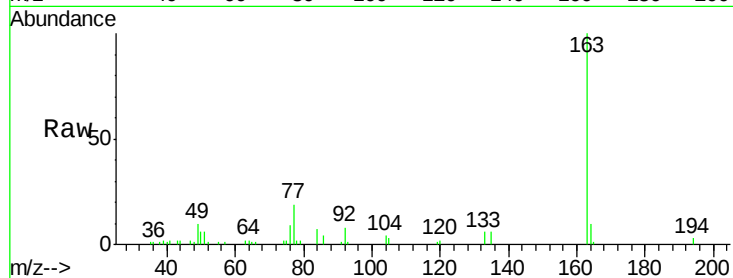
#49
Dimethylphthalate
Concen: 4.00 ng
RT: 10.66 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF079199.D
Acq: 13 May 2015 16:41

Instrument :
BNA_F
ClientSampleId :
TU012-SB-23-9.5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	29466		
194	2.9		2.6	4.0
164	9.6		8.1	12.1

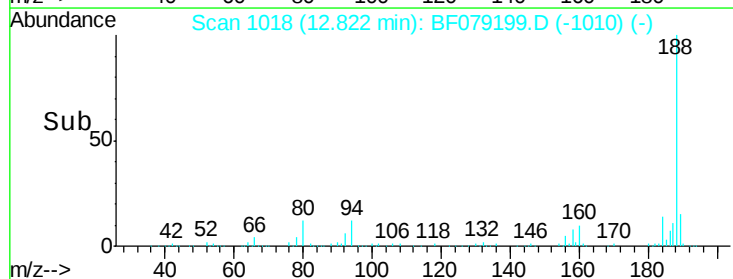
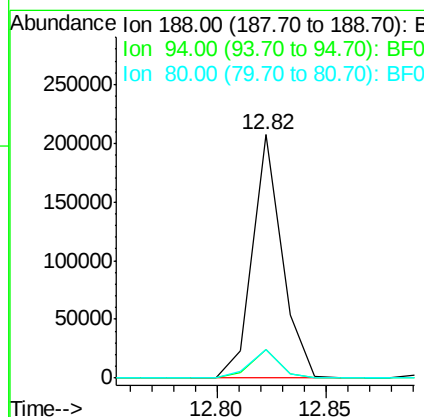
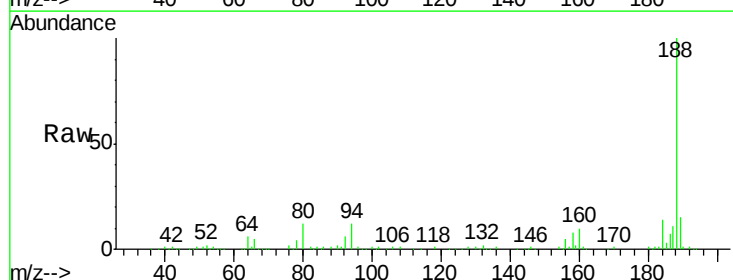
Manual Integrations
APPROVED

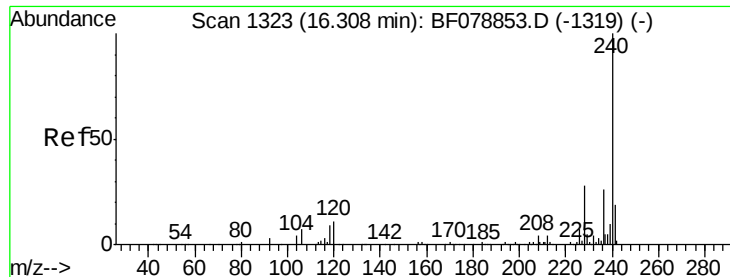
apatel
5/14/2015 5:00:46 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF079199.D
Acq: 13 May 2015 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	195774		
94	11.7		8.2	12.2
80	11.8		8.9	13.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.11 min Scan# 1306

Delta R.T. -0.05 min

Lab File: BF079199.D

Acq: 13 May 2015 16:41

Instrument :

BNA_F

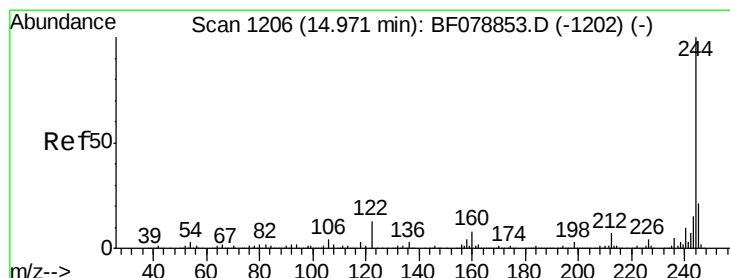
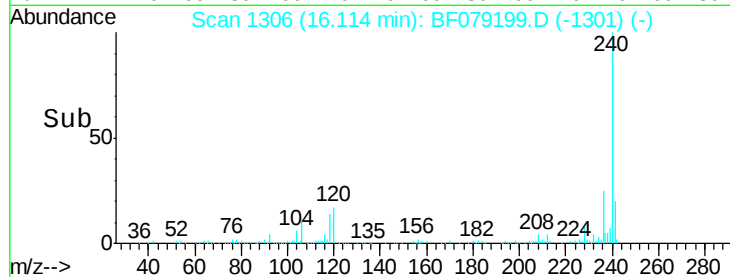
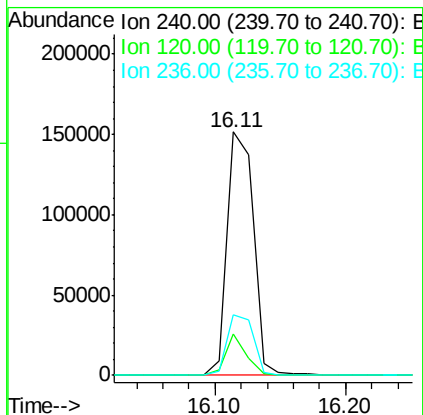
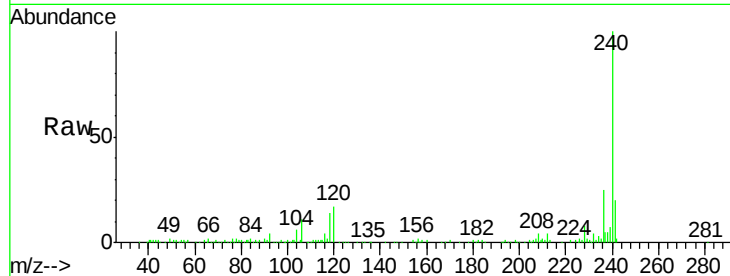
ClientSampleId :

TU012-SB-23-9.5

Tot Ion:	240	Resp:	212837
Ion Ratio	Lower	Upper	
240	100		
120	16.9	9.7	14.5#
236	24.8	20.2	30.4

Manual Integrations
APPROVED

apatel
5/14/2015 5:00:46 PM



#78

Terphenyl-d14

Concen: 77.84 ng m

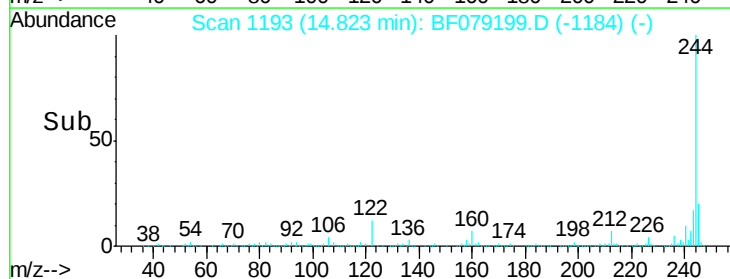
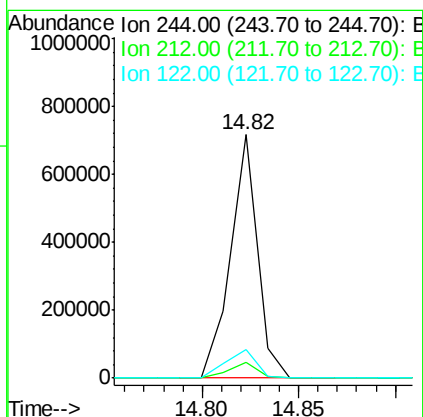
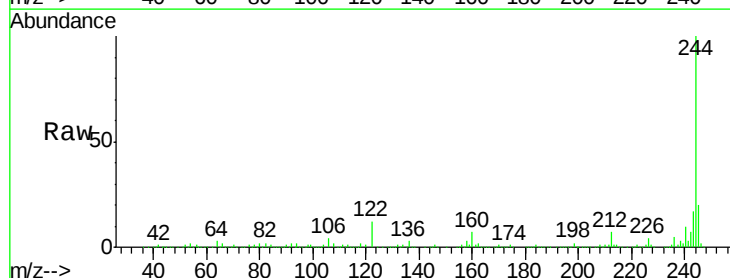
RT: 14.82 min Scan# 1193

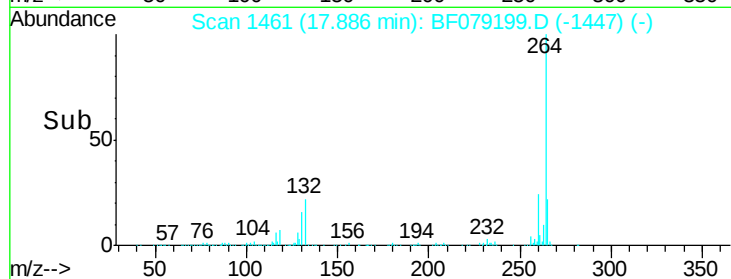
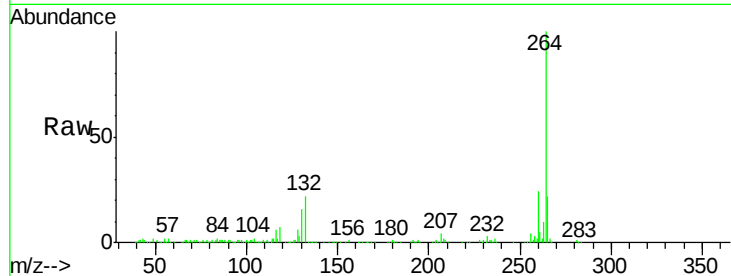
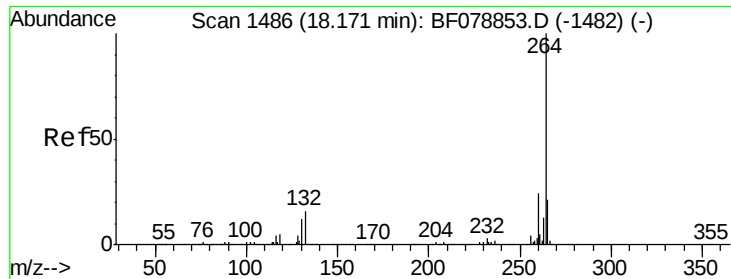
Delta R.T. 0.00 min

Lab File: BF079199.D

Acq: 13 May 2015 16:41

Tgt Ion:	244	Resp:	692026
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.6	8.4
122	11.7	10.3	15.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.89 min Scan# 1461
 Delta R.T. -0.14 min
 Lab File: BF079199.D
 Acq: 13 May 2015 16:41

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-23-9.5

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.0	18.3	27.5

Manual Integrations
 APPROVED

apatel
 5/14/2015 5:00:46 PM

