

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079946.D
 Acq On : 12 Jun 2015 20:35
 Operator : TP/IZ
 Sample : PB83970TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83970TB

Manual Integrations
 APPROVED

apatel
 6/15/2015 12:43:56 PM

Quant Time: Jun 12 23:44:00 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	44535	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	177912	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	94654	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	213188	20.00	ng	-0.03
75) Chrysene-d12	14.79	240	234896m	20.00	ng	-0.35
86) Perylene-d12	16.62	264	224882m	20.00	ng	-0.48
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	333901	137.48	ng	0.00
7) Phenol-d6	6.97	99	394146	119.12	ng	0.00
23) Nitrobenzene-d5	7.93	82	229327	85.05	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	97349	102.75	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	513635	75.99	ng	0.00
78) Terphenyl-d14	13.58	244	716243m	70.30	ng	-0.19

Target Compounds Qvalue

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

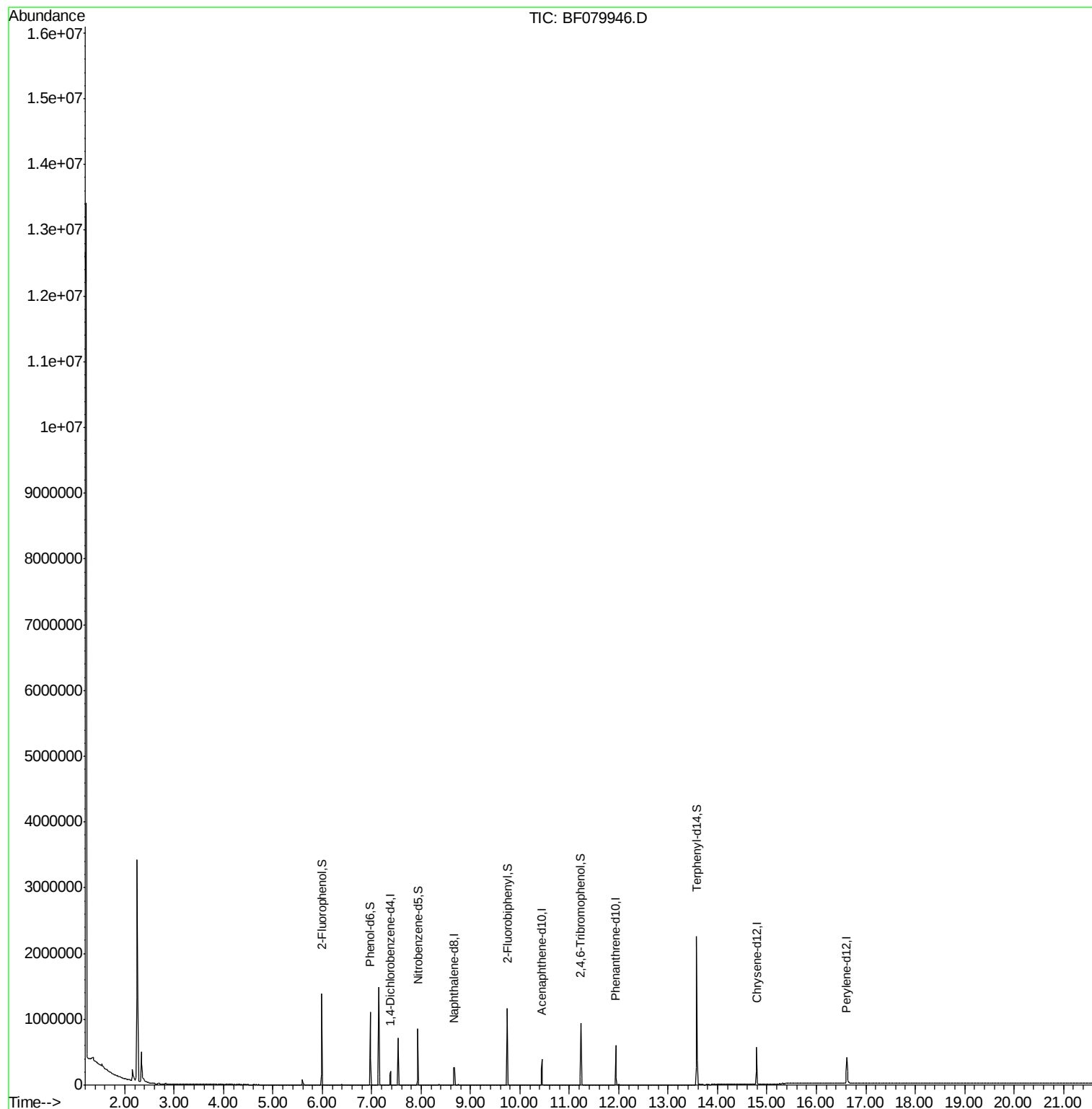
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079946.D
Acq On : 12 Jun 2015 20:35
Operator : TP/IZ
Sample : PB83970TB
Misc :
ALS Vial : 13 Sample Multiplier: 1

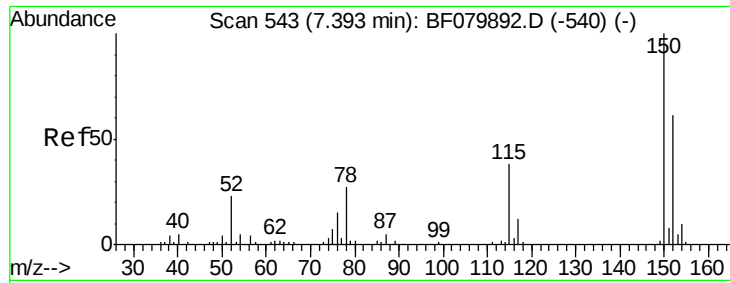
Instrument :
BNA_F
ClientSampleId :
PB83970TB

Manual Integrations
APPROVED

apatel
6/15/2015 12:43:56 PM

Quant Time: Jun 12 23:44:00 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

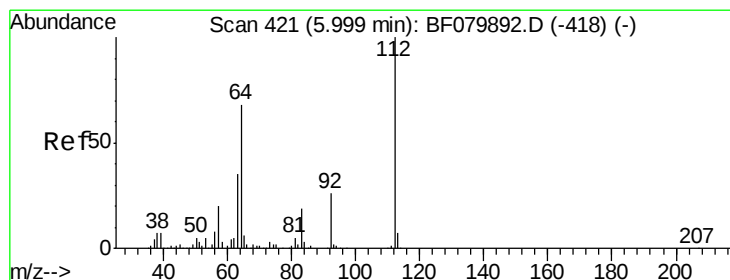
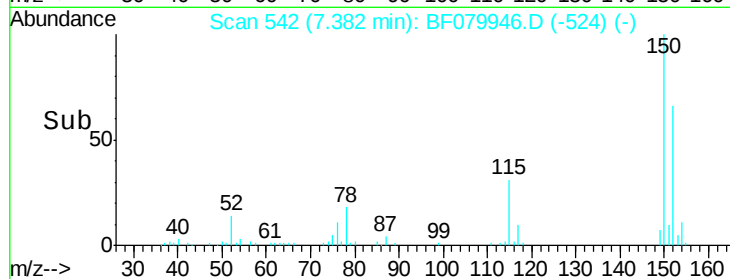
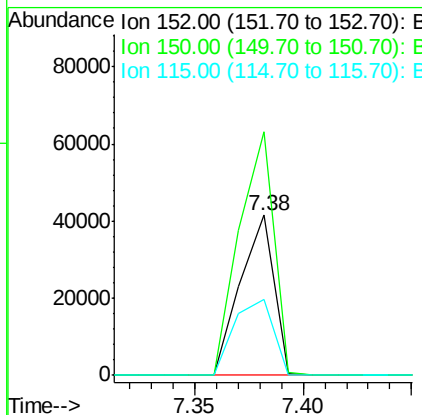
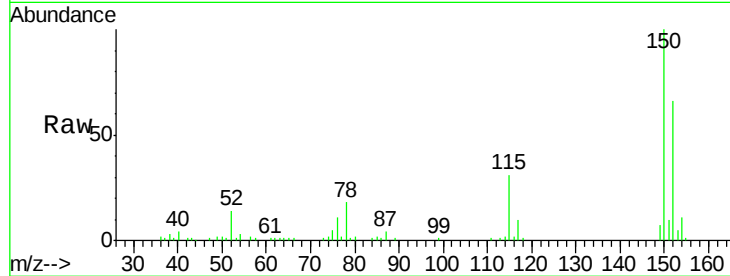
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079946.D
Acq: 12 Jun 2015 20:35

Instrument :
BNA_F
ClientSampleId :
PB83970TB

Manual Integrations
APPROVED

apatel
6/15/2015 12:43:56 PM

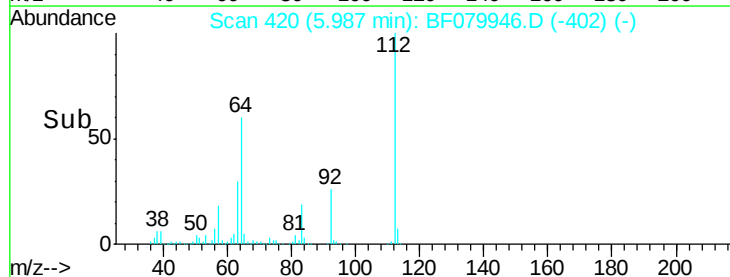
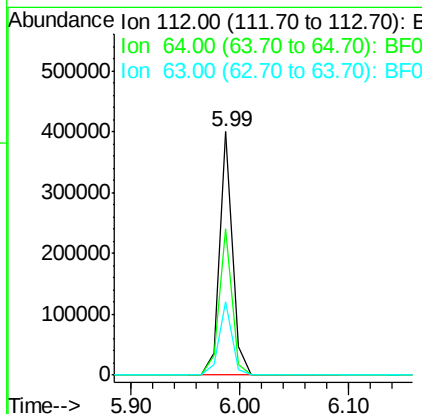
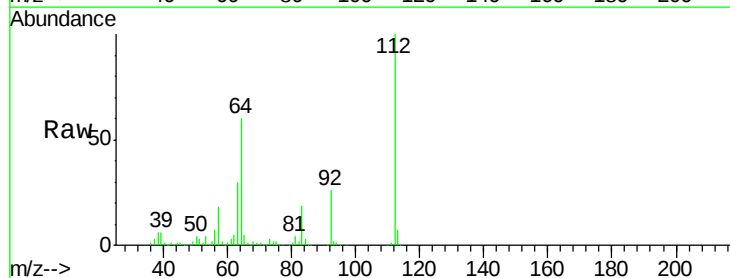
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.1	131.0	196.4
115	47.5	49.8	74.6

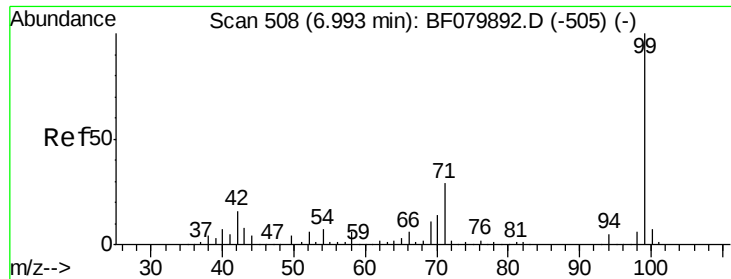


#5

2-Fluorophenol
Concen: 137.48 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079946.D
Acq: 12 Jun 2015 20:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	54.5	81.7
63	30.1	27.9	41.9





#7

Phenol-d6

Concen: 119.12 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079946.D

Acq: 12 Jun 2015 20:35

Instrument :

BNA_F

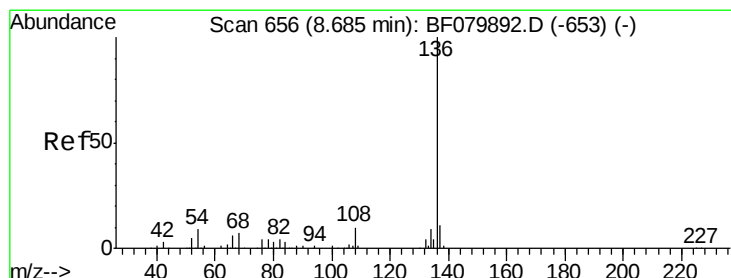
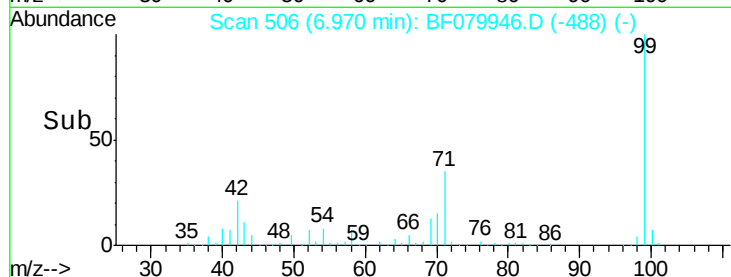
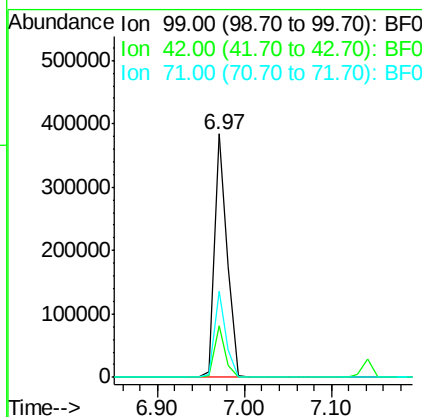
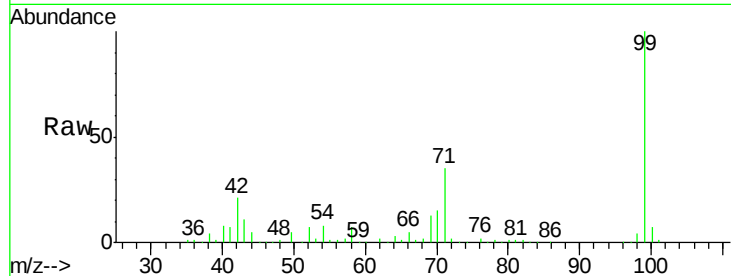
ClientSampleId :

PB83970TB

Tgt Ion:	99	Resp:	394146
Ion Ratio	Lower	Upper	
99	100		
42	21.4	12.9	19.3#
71	35.1	23.4	35.2

Manual Integrations
APPROVED

apatel
6/15/2015 12:43:56 PM



#21

Naphthalene-d8

Concen: 20.00 ng

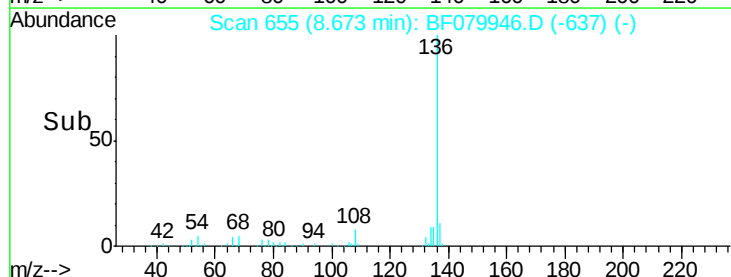
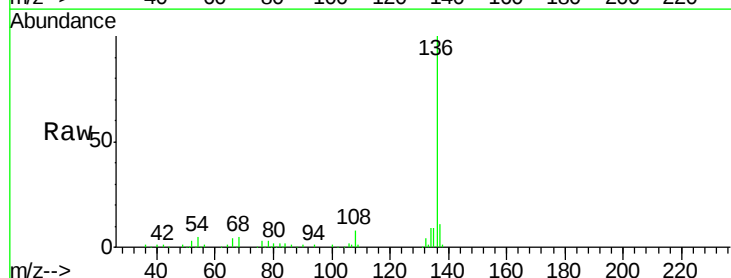
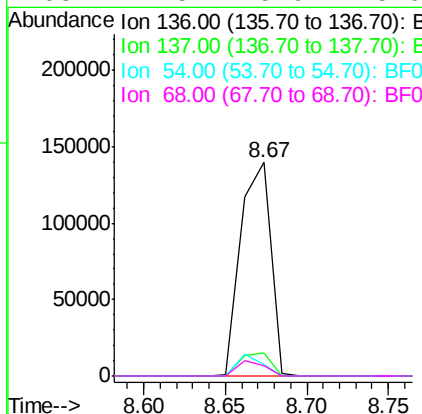
RT: 8.67 min Scan# 655

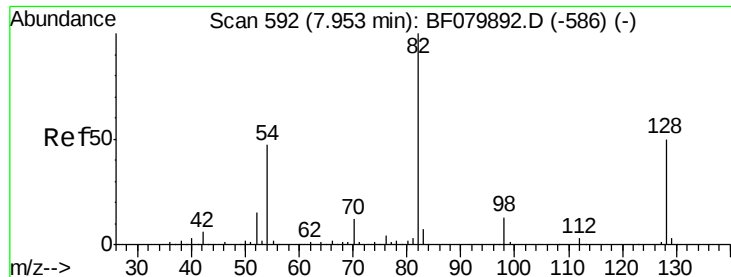
Delta R.T. 0.00 min

Lab File: BF079946.D

Acq: 12 Jun 2015 20:35

Tgt Ion:	136	Resp:	177912
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.7	13.1
54	5.1	7.3	10.9#
68	4.5	5.9	8.9#





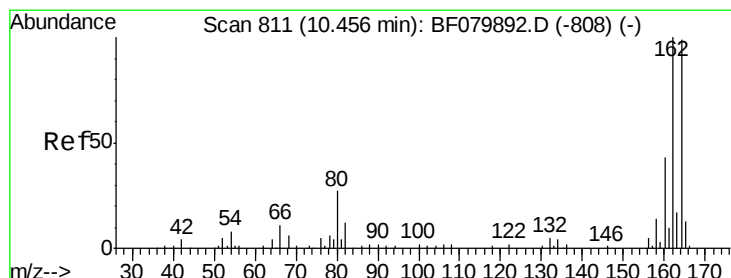
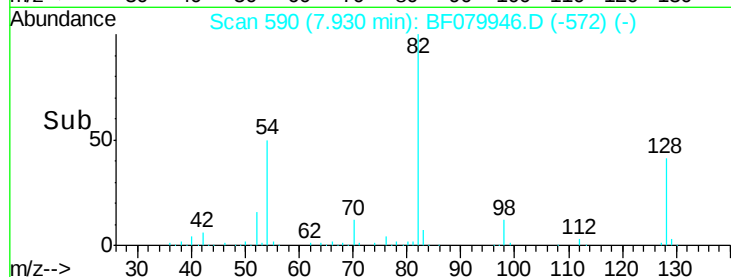
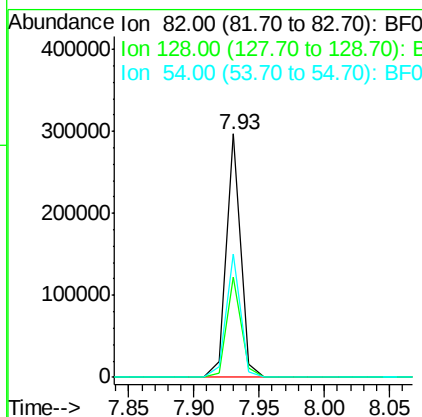
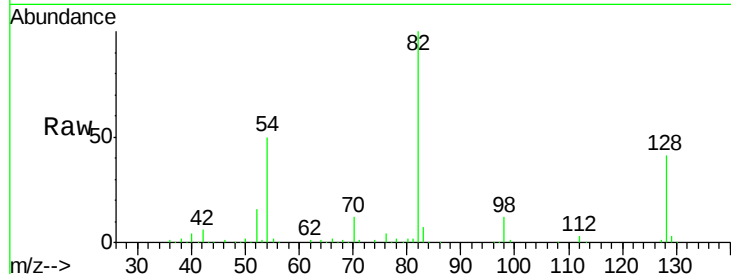
#23
Nitrobenzene-d5
Concen: 85.05 ng
RT: 7.93 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF079946.D
Acq: 12 Jun 2015 20:35

Instrument :
BNA_F
ClientSampleId :
PB83970TB

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	229327		
128	41.1	40.3	60.5	
54	50.4	38.0	57.0	

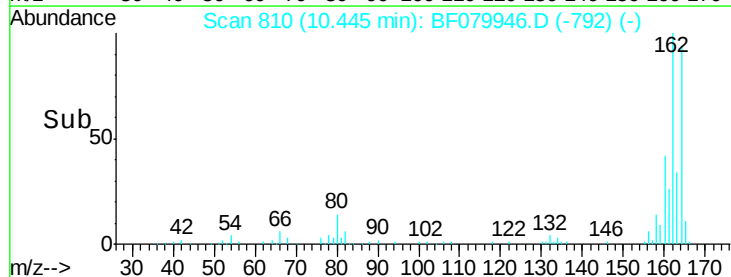
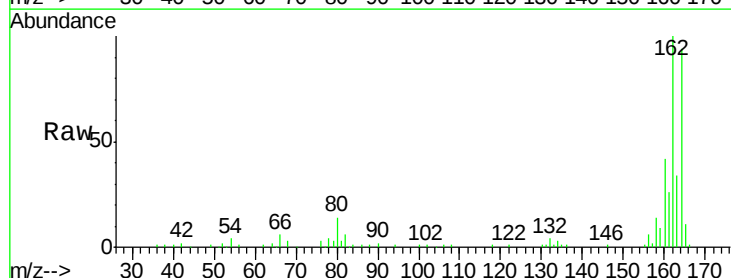
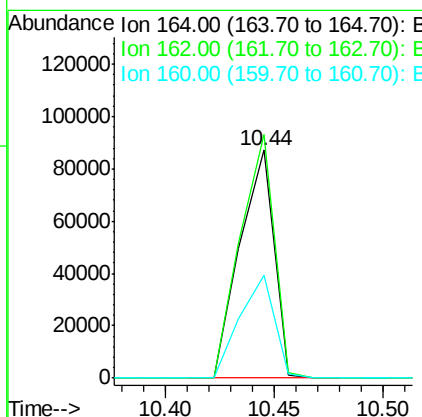
Manual Integrations
APPROVED

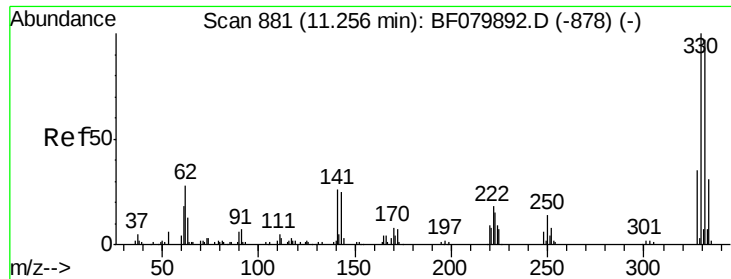
apatel
6/15/2015 12:43:56 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.44 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF079946.D
Acq: 12 Jun 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	94654		
162	106.8	80.7	121.1	
160	44.9	34.6	51.8	





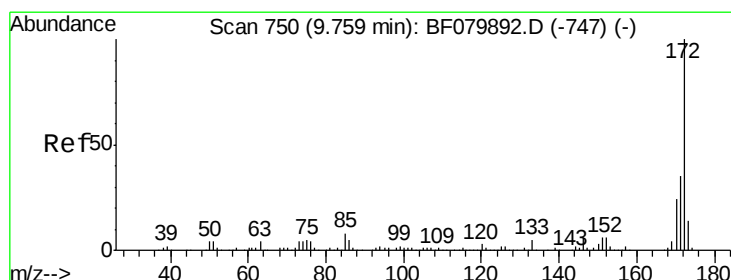
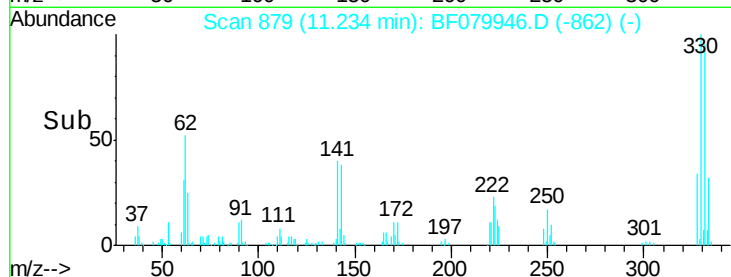
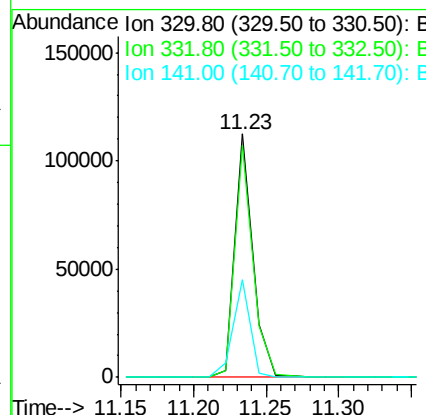
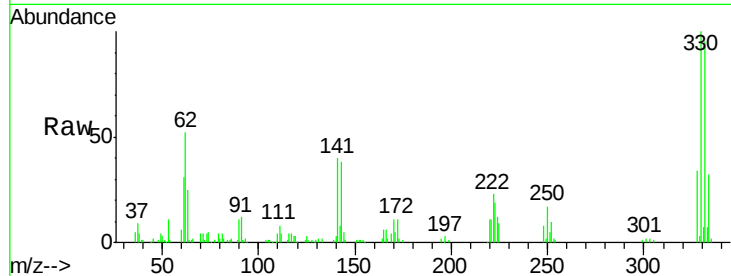
#41
 2,4,6-Tribromophenol
 Concen: 102.75 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079946.D
 Acq: 12 Jun 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB83970TB

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	97349		
332	95.8	77.3	115.9	
141	38.3	26.8	40.2	

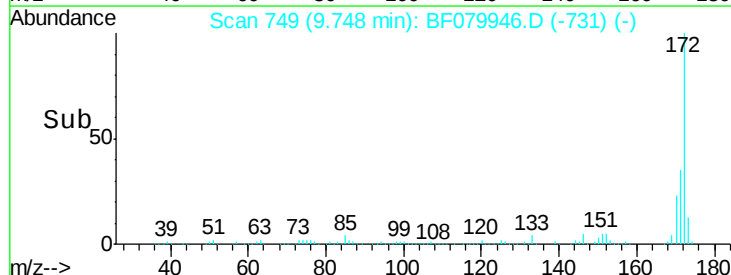
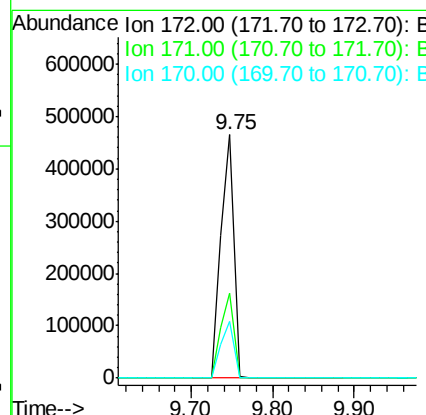
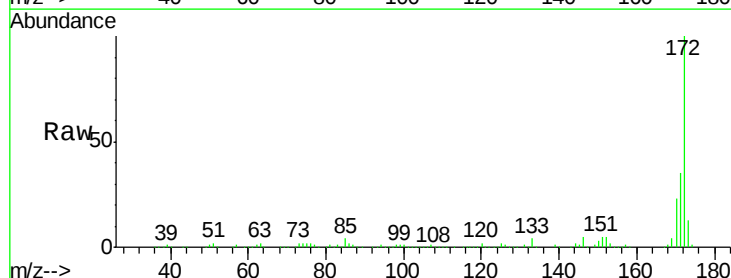
Manual Integrations
 APPROVED

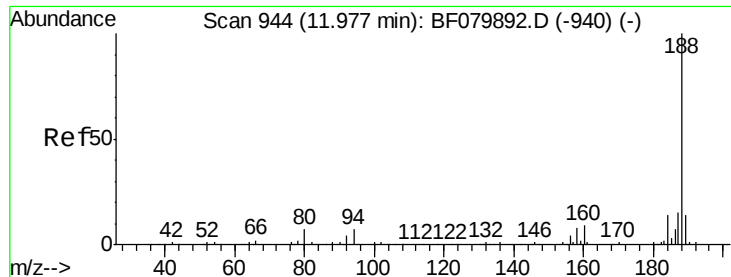
apatel
 6/15/2015 12:43:56 PM



#44
 2-Fluorobiphenyl
 Concen: 75.99 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079946.D
 Acq: 12 Jun 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	513635		
171	34.9	28.3	42.5	
170	23.5	19.0	28.4	





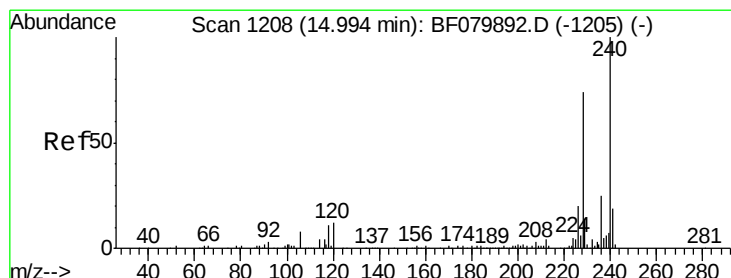
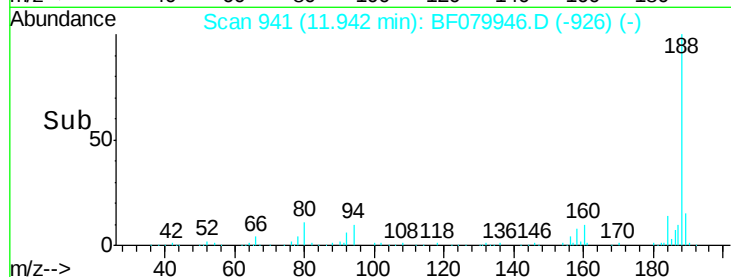
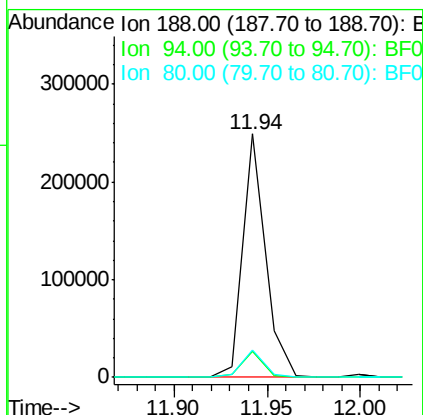
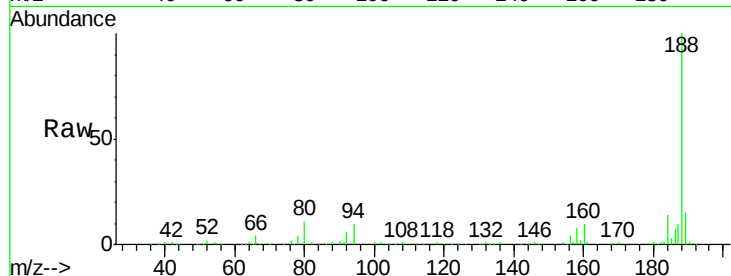
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.94 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF079946.D
Acq: 12 Jun 2015 20:35

Instrument :
BNA_F
ClientSampleId :
PB83970TB

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.4	5.8	8.8#
80	11.4	5.9	8.9#

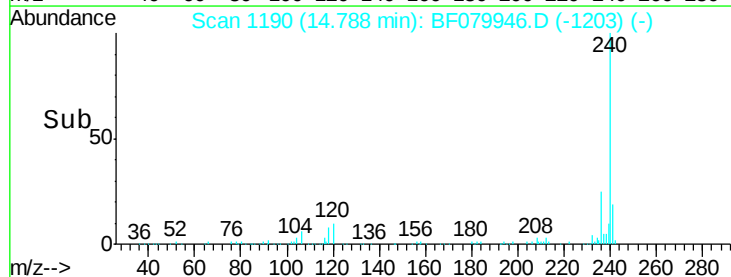
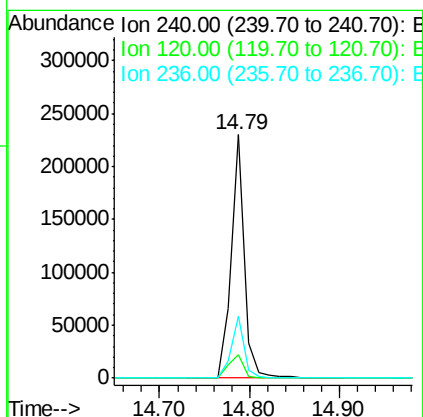
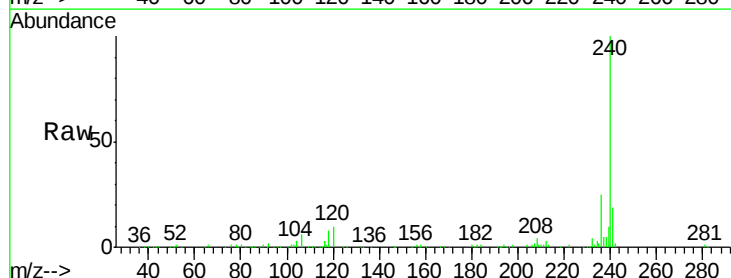
Manual Integrations
APPROVED

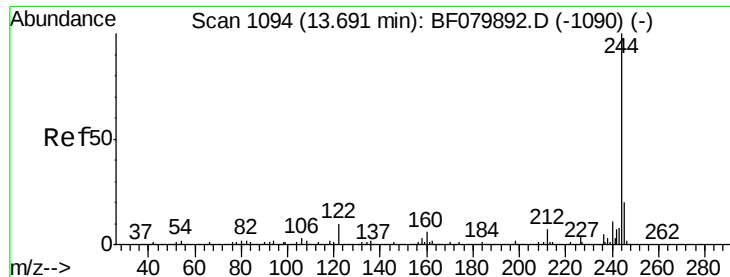
apatel
6/15/2015 12:43:56 PM



#75
Chrysene-d12
Concen: 20.00 ng m
RT: 14.79 min Scan# 1190
Delta R.T. -0.35 min
Lab File: BF079946.D
Acq: 12 Jun 2015 20:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.6	9.4	14.2
236	25.2	19.6	29.4





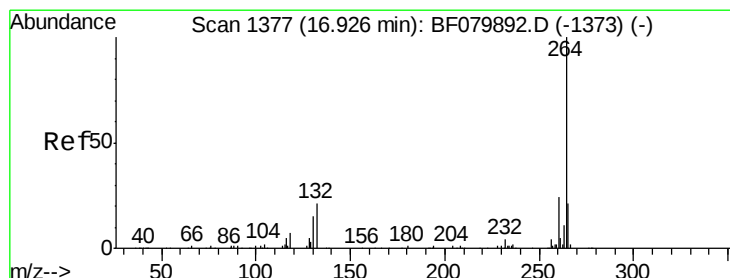
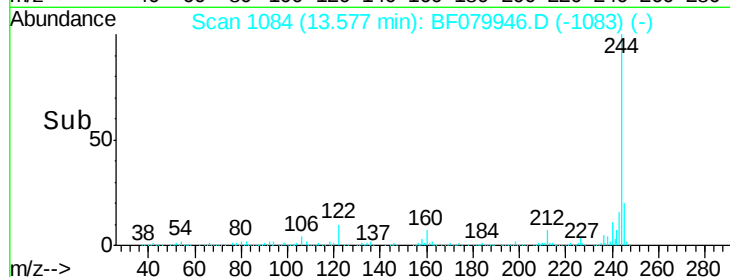
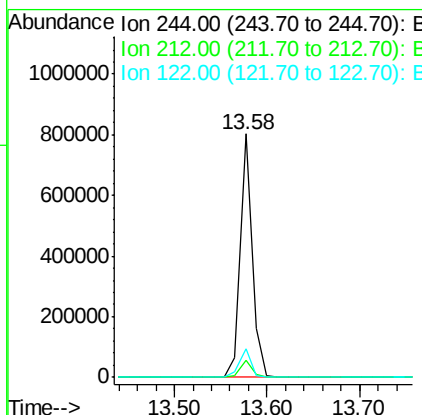
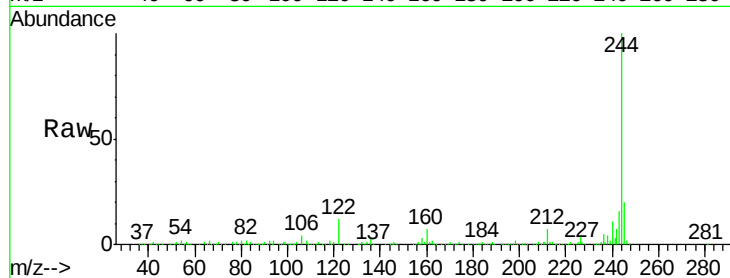
#78
 Terphenyl-d14
 Concen: 70.30 ng m
 RT: 13.58 min Scan# 1084
 Delta R.T. -0.19 min
 Lab File: BF079946.D
 Acq: 12 Jun 2015 20:35

Instrument :
 BNA_F
 ClientSampled :
 PB83970TB

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	11.8	7.8	11.8

Manual Integrations
 APPROVED

apatel
 6/15/2015 12:43:56 PM



#86
 Perylene-d12
 Concen: 20.00 ng m
 RT: 16.62 min Scan# 1350
 Delta R.T. -0.48 min
 Lab File: BF079946.D
 Acq: 12 Jun 2015 20:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	21.4	17.0	25.6

