

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079611.D
 Acq On : 30 May 2015 19:12
 Operator : TP/IZ
 Sample : G2420-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.11(5)

Manual Integrations
 APPROVED

apatel
 6/1/2015 8:46:42 PM

Quant Time: May 31 07:22:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	70354	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	275334	20.00	ng	-0.02
38) Acenaphthene-d10	10.67	164	135992	20.00	ng	-0.03
63) Phenanthrene-d10	12.50	188	249625	20.00	ng	-0.03
75) Chrysene-d12	15.78	240	269033	20.00	ng	-0.06
86) Perylene-d12	17.46	264	266720	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	383386	94.52	ng	-0.01
7) Phenol-d6	6.54	99	516737	99.95	ng	-0.02
23) Nitrobenzene-d5	7.63	82	284444	59.72	ng	-0.03
41) 2,4,6-Tribromophenol	11.66	330	147393	98.68	ng	-0.03
44) 2-Fluorobiphenyl	9.86	172	523668	54.94	ng	-0.02
78) Terphenyl-d14	14.50	244	566242	49.39	ng	-0.03
Target Compounds						
49) Dimethylphthalate	10.38	163	59380	5.93	ng	# 96
74) Fluoranthene	14.01	202	32678	2.23	ng	98
83) Bis(2-ethylhexyl)phthalate	15.85	149	257731	24.00	ng	# 95

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

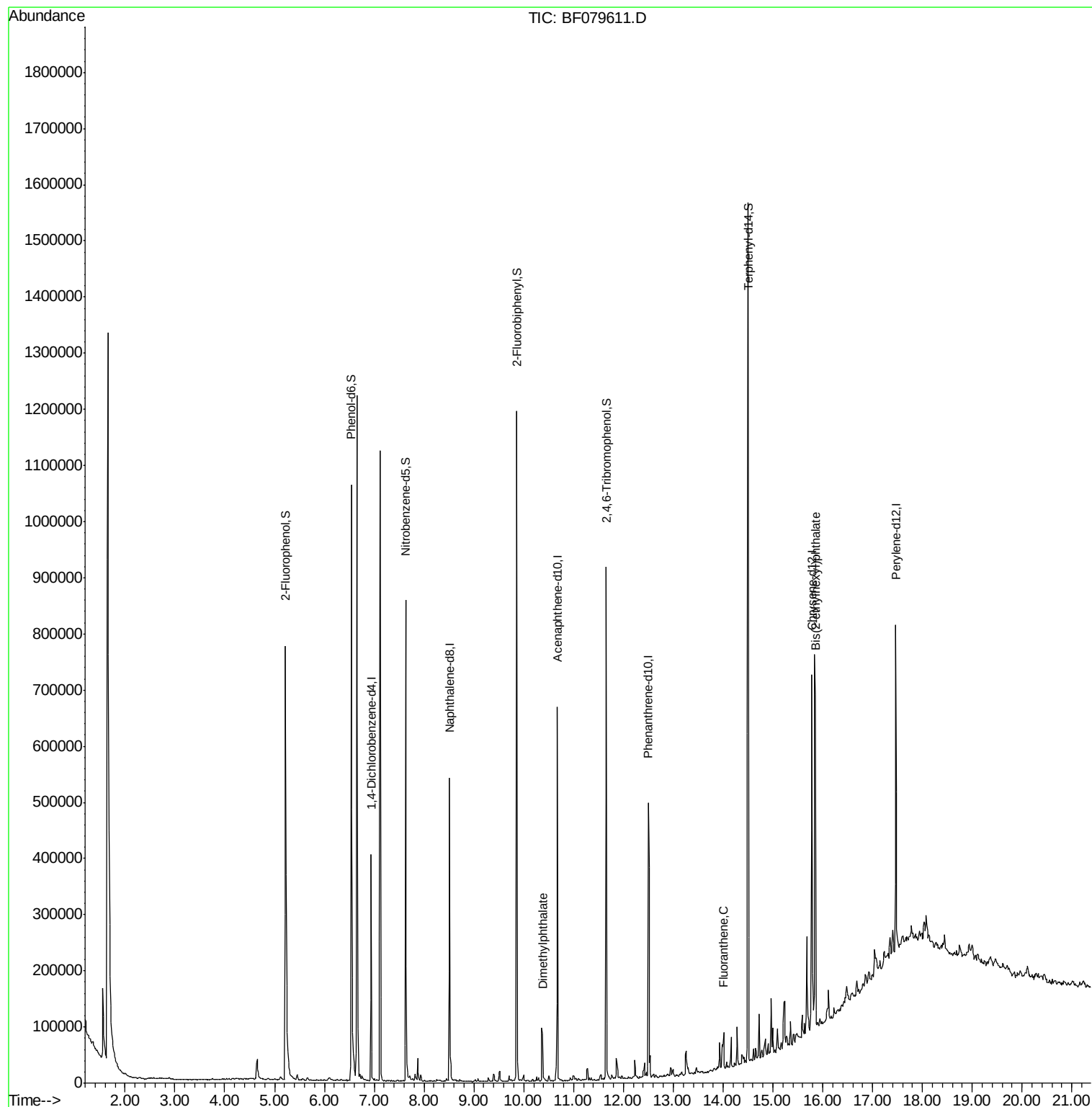
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079611.D
Acq On : 30 May 2015 19:12
Operator : TP/IZ
Sample : G2420-22
Misc :
ALS Vial : 14 Sample Multiplier: 1

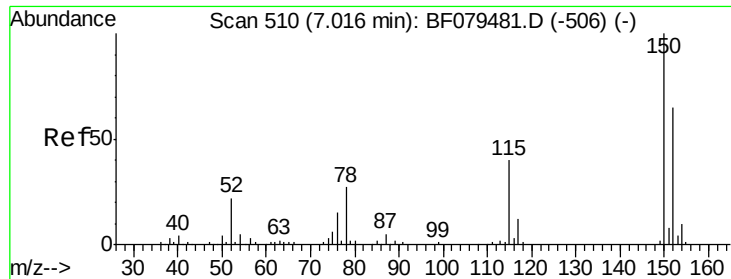
Instrument :
BNA_F
ClientSampleId :
PENRD8.11(5)

Manual Integrations
APPROVED

apatel
6/1/2015 8:46:42 PM

Quant Time: May 31 07:22:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 17:35:14 2015
Response via : Initial Calibration





#1

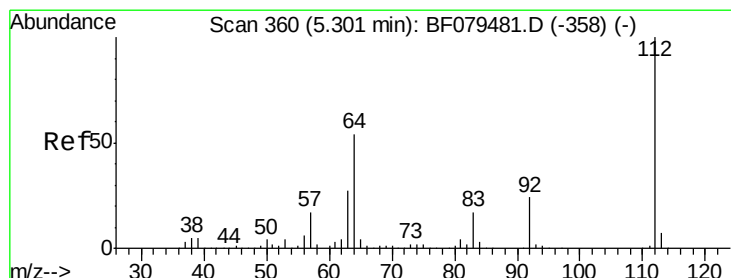
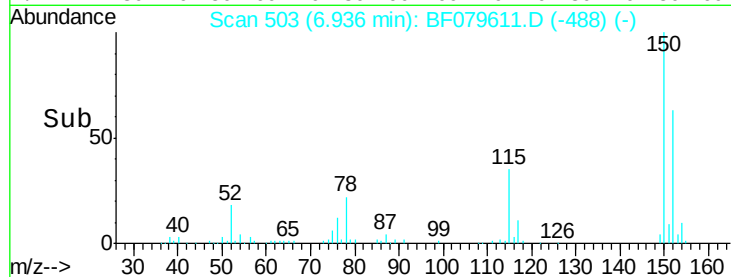
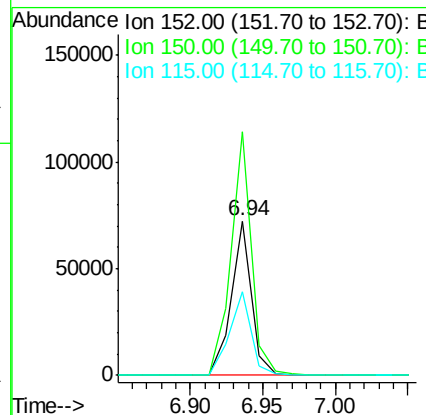
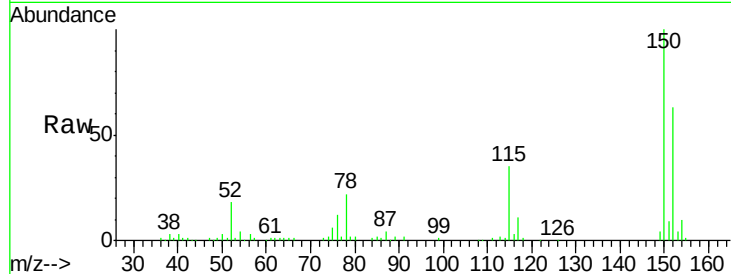
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF079611.D
Acq: 30 May 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PENRD8.11(5)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.0	186.0
115	54.5	49.6	74.4

Manual Integrations
APPROVED

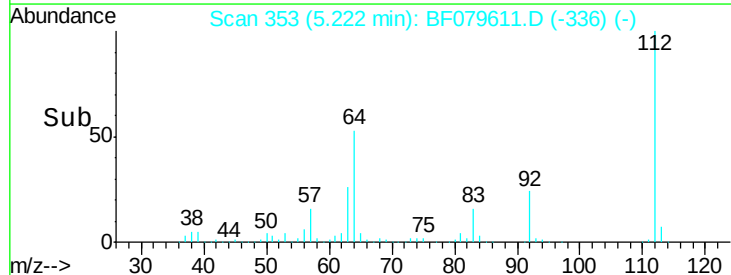
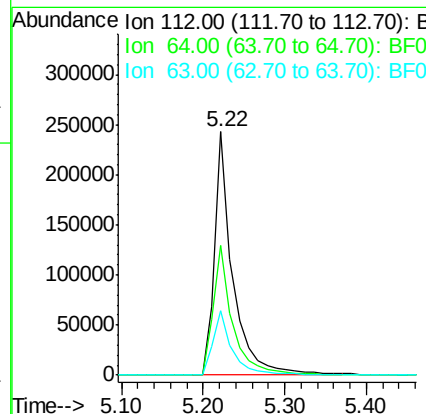
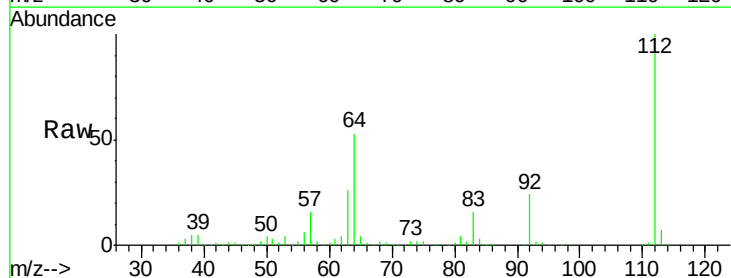
apatel
6/1/2015 8:46:42 PM

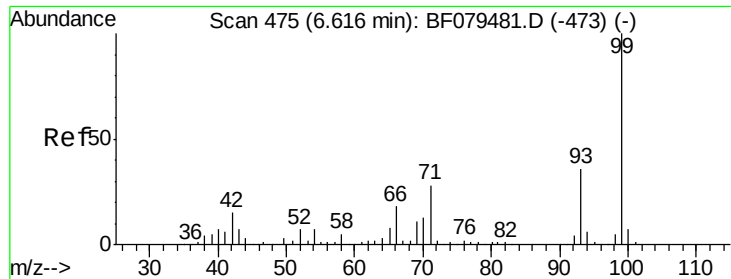


#5

2-Fluorophenol
Concen: 94.52 ng
RT: 5.22 min Scan# 353
Delta R.T. -0.01 min
Lab File: BF079611.D
Acq: 30 May 2015 19:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	43.5	65.3
63	26.4	21.8	32.8





#7

Phenol-d6

Concen: 99.95 ng

RT: 6.54 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF079611.D

Acq: 30 May 2015 19:12

Instrument :

BNA_F

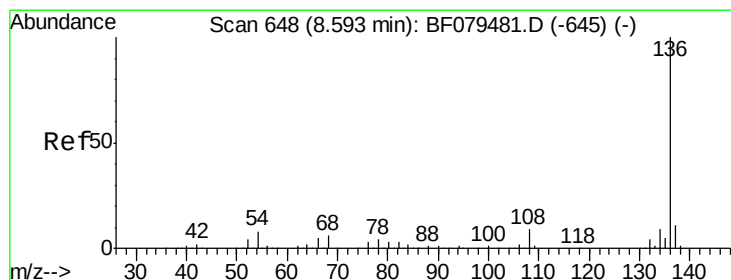
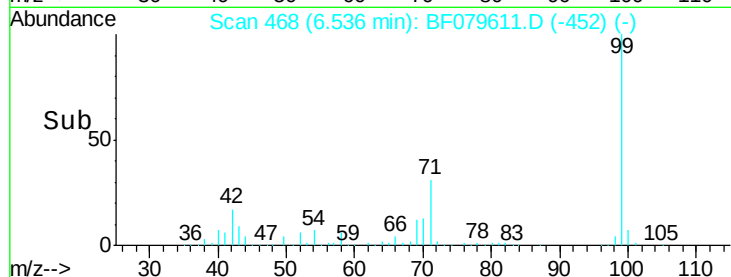
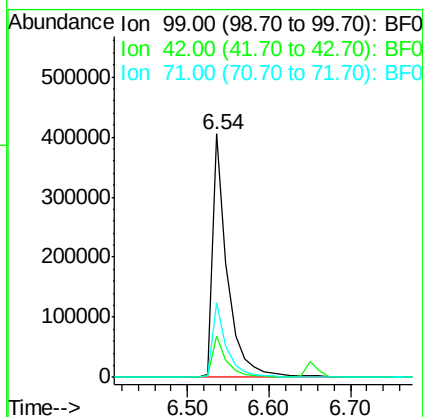
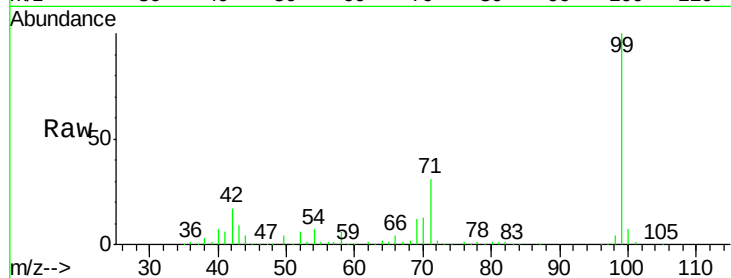
ClientSampleId :

PENRD8.11(5)

Tgt Ion:	99	Resp:	516737
Ion Ratio	Lower	Upper	
99	100		
42	17.2	11.9	17.9
71	30.8	22.1	33.1

Manual Integrations
APPROVED

apatel
6/1/2015 8:46:42 PM



#21

Naphthalene-d8

Concen: 20.00 ng

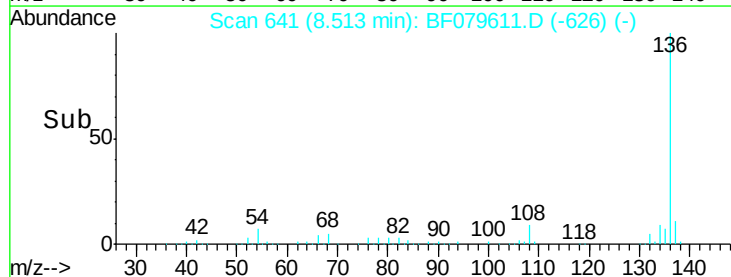
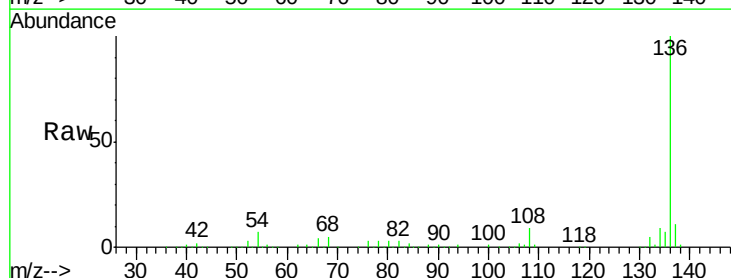
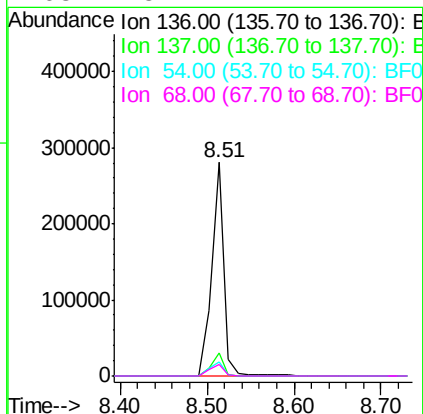
RT: 8.51 min Scan# 641

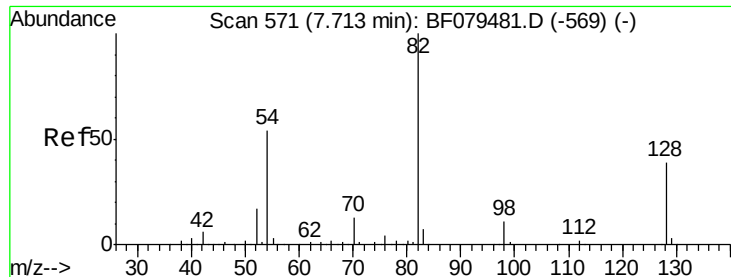
Delta R.T. -0.02 min

Lab File: BF079611.D

Acq: 30 May 2015 19:12

Tgt Ion:	136	Resp:	275334
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	6.5	6.6	9.8
68	5.2	4.7	7.1





#23

Nitrobenzene-d5

Concen: 59.72 ng

RT: 7.63 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF079611.D

Acq: 30 May 2015 19:12

Instrument :

BNA_F

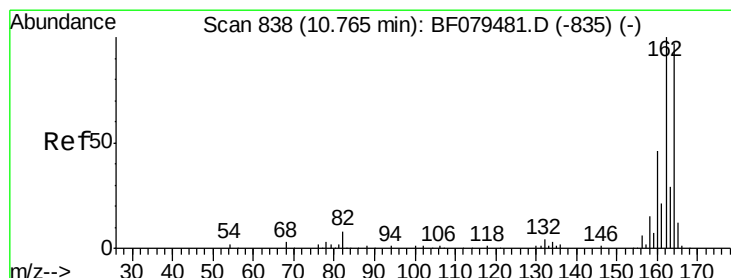
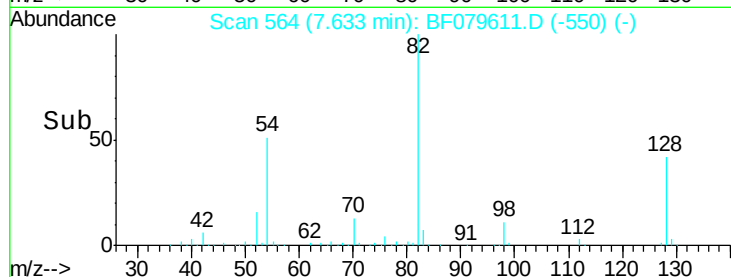
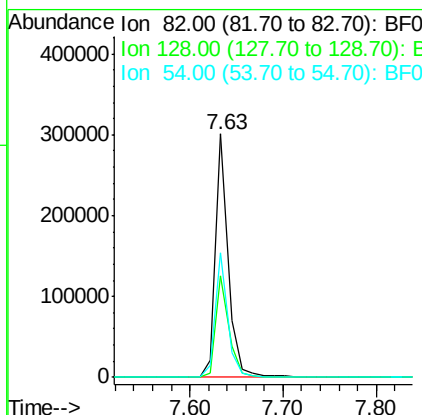
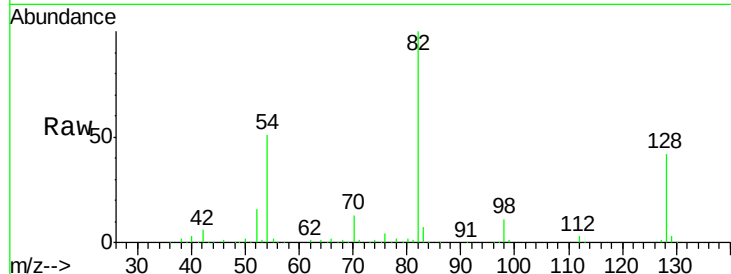
ClientSampleId :

PENRD8.11(5)

Tgt Ion:	82	Resp:	284444
Ion Ratio		Lower	Upper
82	100		
128	41.9	30.8	46.2
54	51.3	42.8	64.2

Manual Integrations
APPROVED

apatel
6/1/2015 8:46:42 PM



#38

Acenaphthene-d10

Concen: 20.00 ng

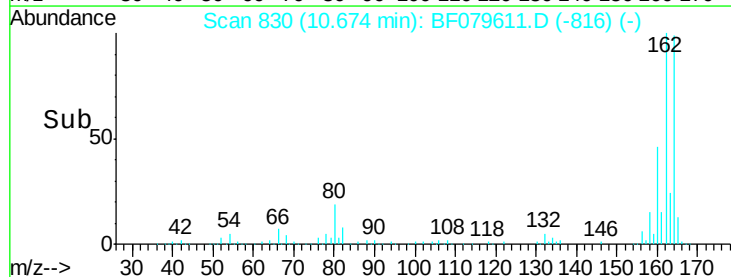
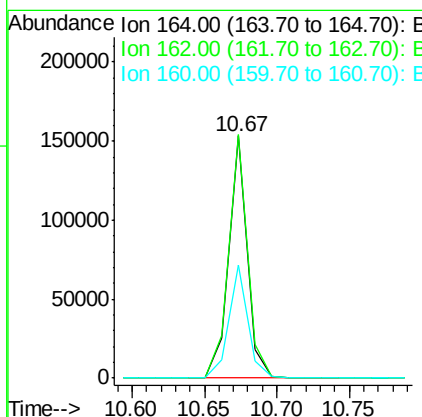
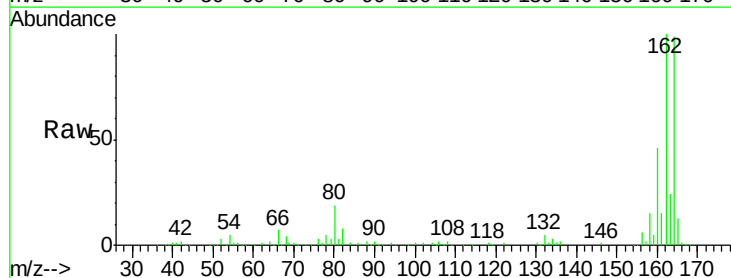
RT: 10.67 min Scan# 830

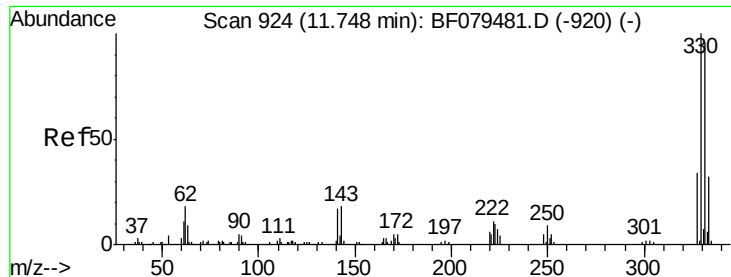
Delta R.T. -0.03 min

Lab File: BF079611.D

Acq: 30 May 2015 19:12

Tgt Ion:	164	Resp:	135992
Ion Ratio		Lower	Upper
164	100		
162	100.5	82.6	124.0
160	46.5	37.7	56.5





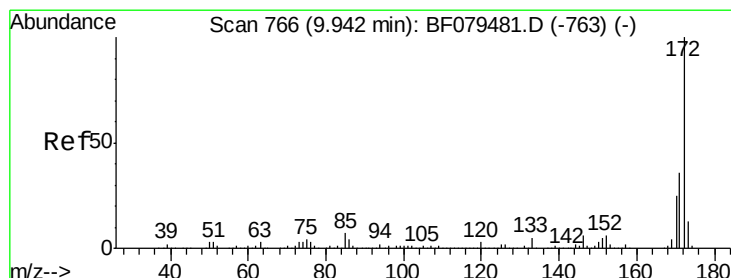
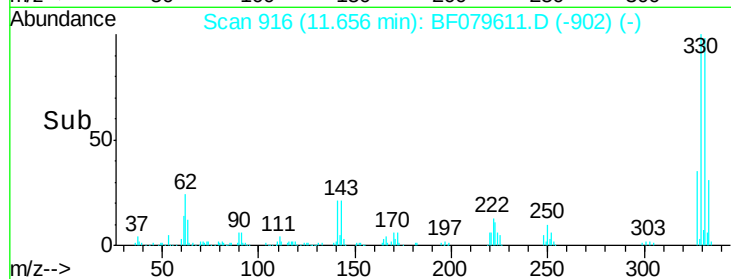
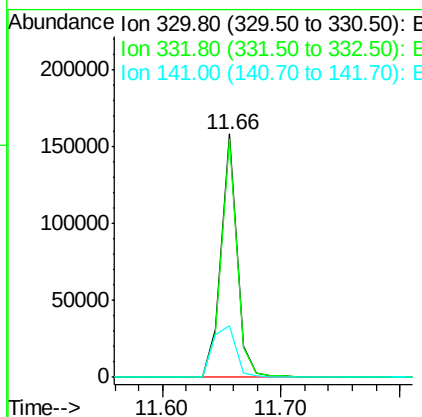
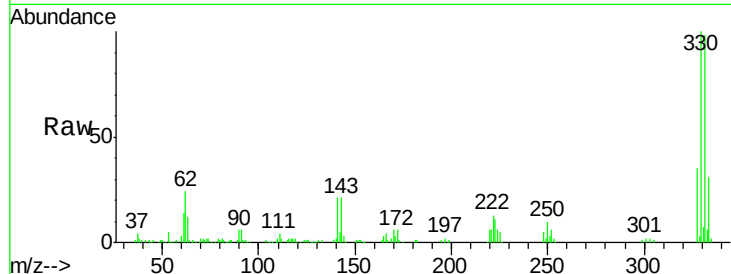
#41
 2,4,6-Tribromophenol
 Concen: 98.68 ng
 RT: 11.66 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF079611.D
 Acq: 30 May 2015 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.11(5)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	147393		
332	97.6	0.0	0.0	0.0
141	30.9	0.0	0.0	0.0

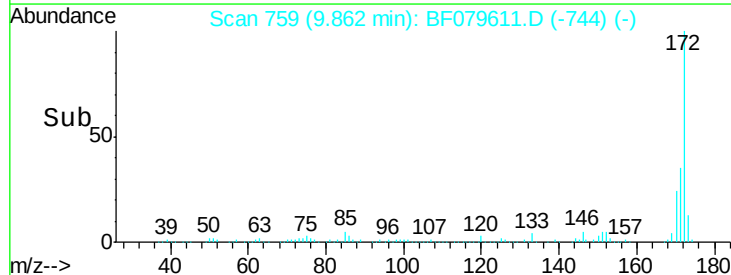
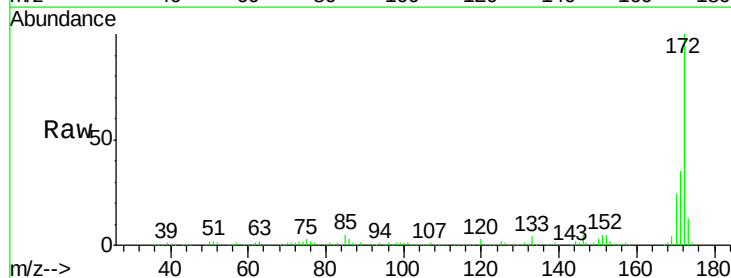
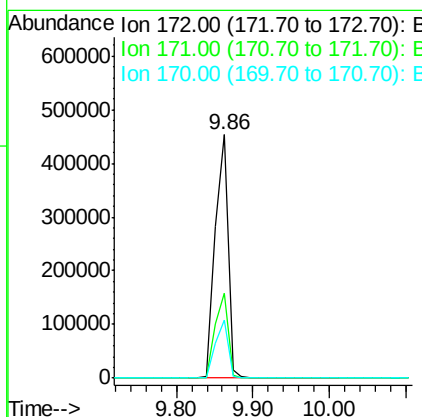
Manual Integrations
 APPROVED

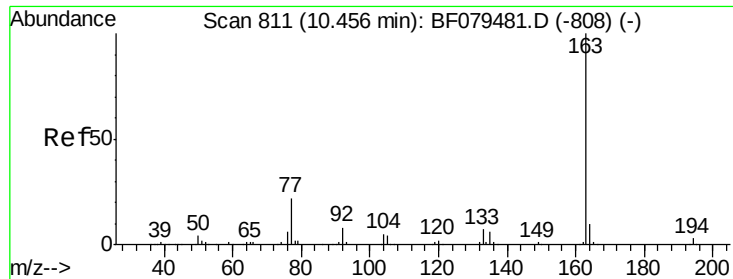
apatel
 6/1/2015 8:46:42 PM



#44
 2-Fluorobiphenyl
 Concen: 54.94 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF079611.D
 Acq: 30 May 2015 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	523668		
171	34.9	28.5	42.7	
170	24.0	19.7	29.5	





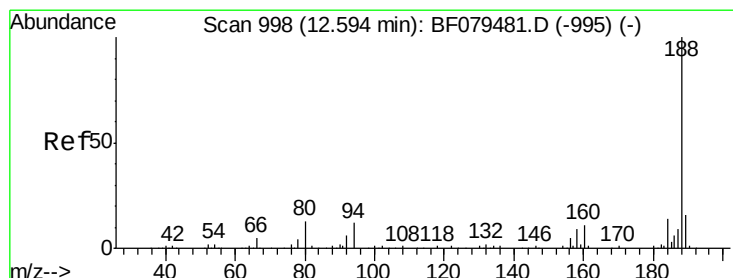
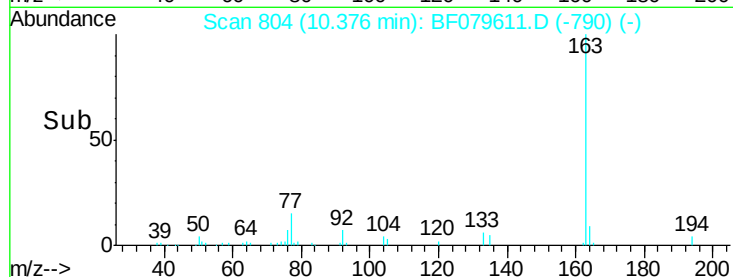
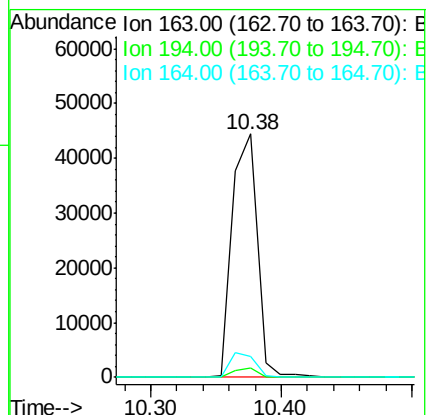
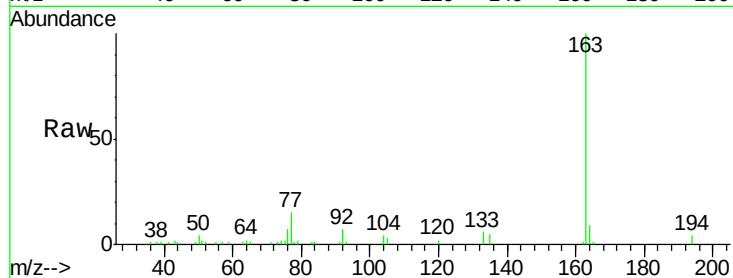
#49
Dimethylphthalate
Concen: 5.93 ng
RT: 10.38 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF079611.D
Acq: 30 May 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PENRD8.11(5)

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	2.4	3.6#
164	8.8	8.2	12.4

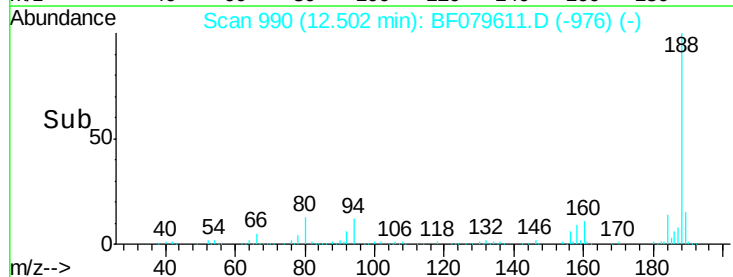
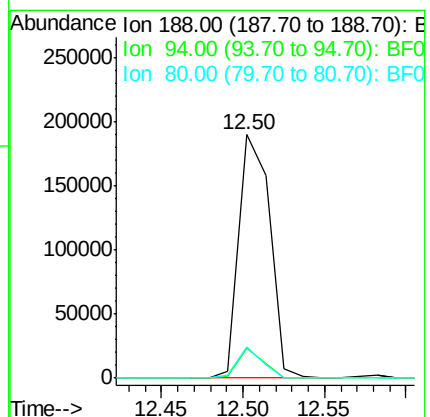
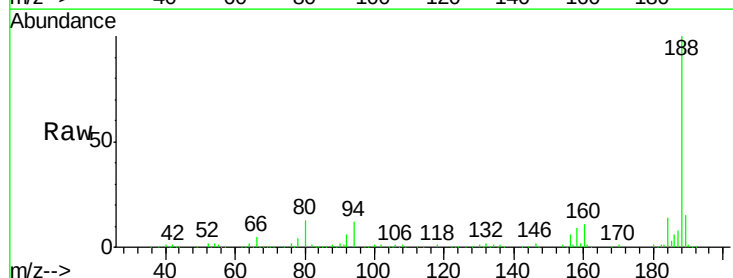
Manual Integrations
APPROVED

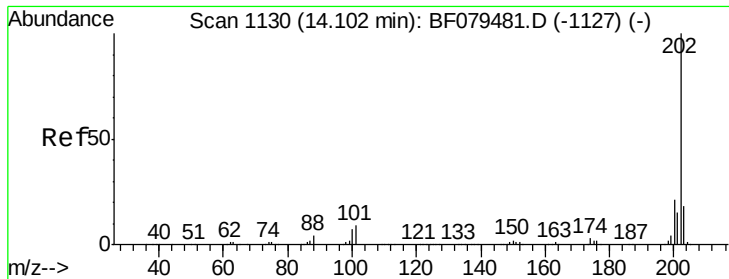
apatel
6/1/2015 8:46:42 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF079611.D
Acq: 30 May 2015 19:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.2	9.8	14.6
80	13.0	10.5	15.7





#74

Fluoranthene

Concen: 2.23 ng

RT: 14.01 min Scan# 1122

Delta R.T. -0.02 min

Lab File: BF079611.D

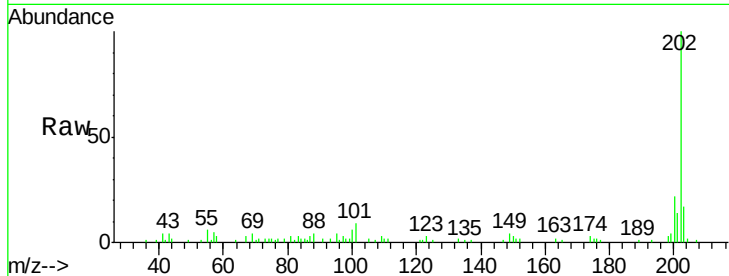
Acq: 30 May 2015 19:12

Instrument :

BNA_F

ClientSampleId :

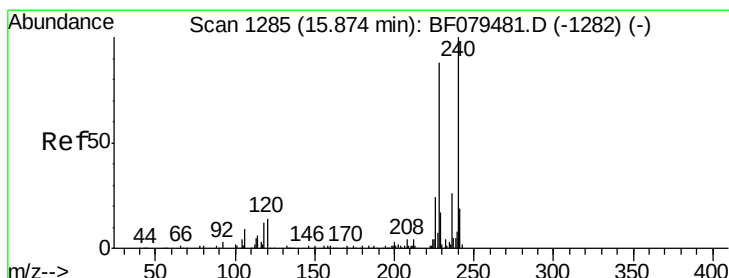
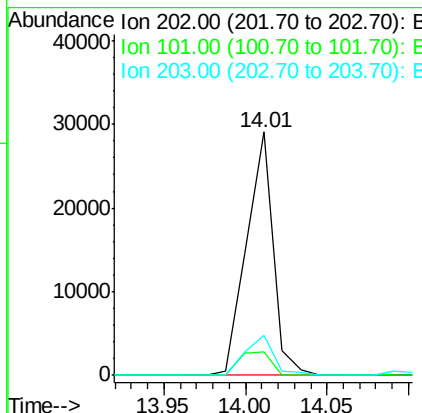
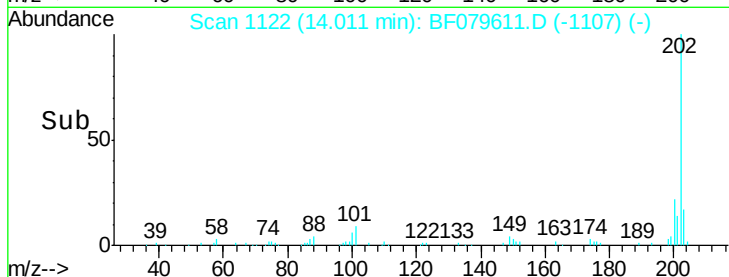
PENRD8.11(5)



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	32678		
101	9.4	0.0	29.3	
203	16.6	0.0	37.6	

Manual Integrations
APPROVED

apatel
6/1/2015 8:46:42 PM



#75

Chrysene-d12

Concen: 20.00 ng

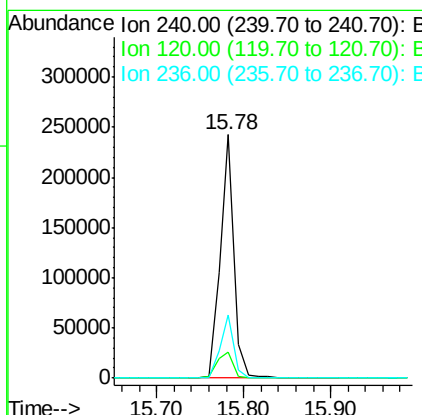
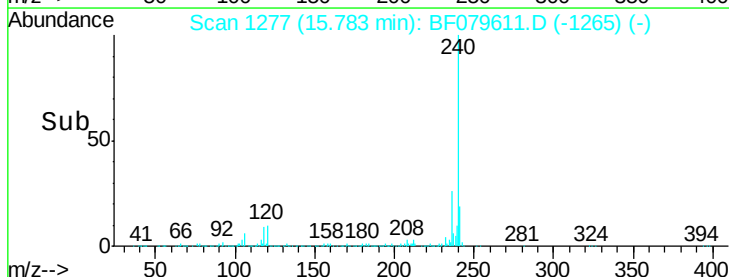
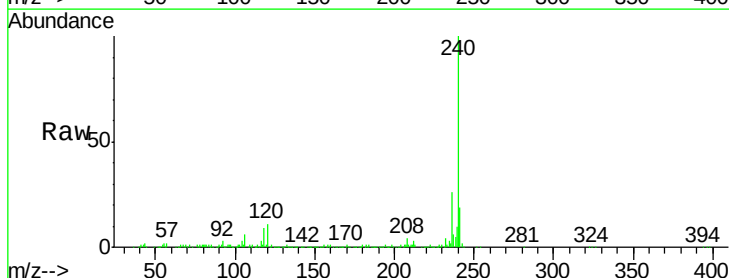
RT: 15.78 min Scan# 1277

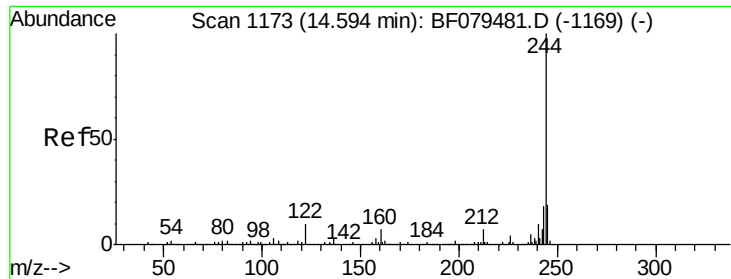
Delta R.T. -0.06 min

Lab File: BF079611.D

Acq: 30 May 2015 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	269033		
120	10.5	10.8	16.2#	
236	26.2	21.0	31.6	





#78

Terphenyl-d14

Concen: 49.39 ng

RT: 14.50 min Scan# 1165

Delta R.T. -0.03 min

Lab File: BF079611.D

Acq: 30 May 2015 19:12

Instrument :

BNA_F

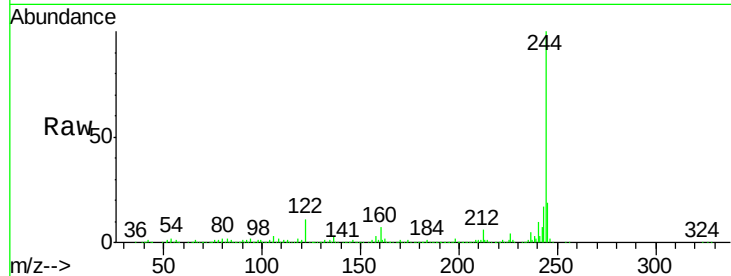
ClientSampleId :

PENRD8.11(5)

Tgt Ion:	244	Resp:	566242
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.2	7.8
122	10.8	8.0	12.0

Manual Integrations
APPROVED

apatel
6/1/2015 8:46:42 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

14.50

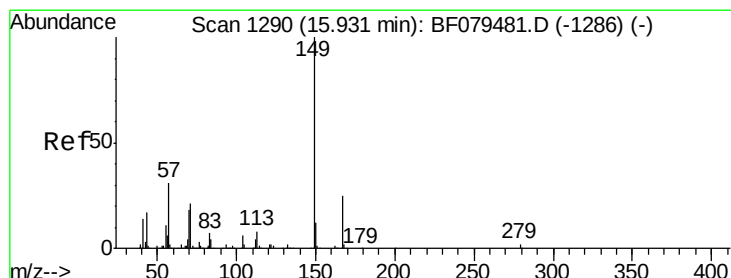
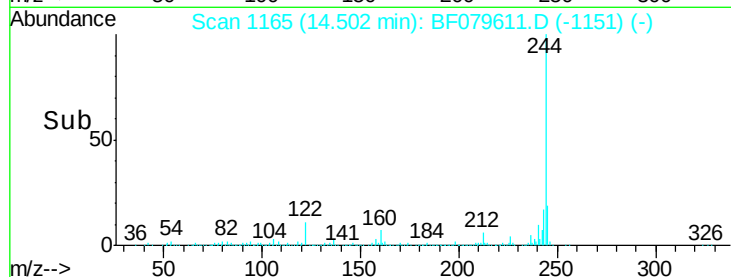
600000

400000

200000

0

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 24.00 ng

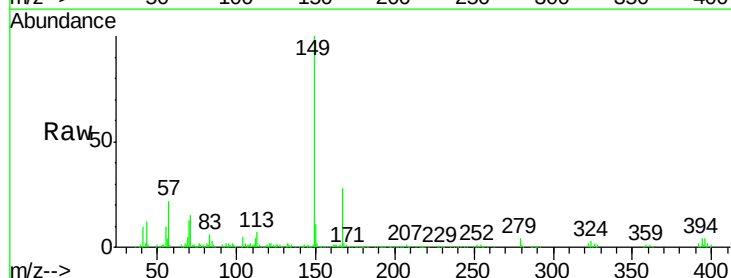
RT: 15.85 min Scan# 1283

Delta R.T. -0.06 min

Lab File: BF079611.D

Acq: 30 May 2015 19:12

Tgt Ion:	149	Resp:	257731
Ion Ratio	Lower	Upper	
149	100		
167	28.0	20.2	30.4
279	4.2	2.0	3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

15.85

250000

200000

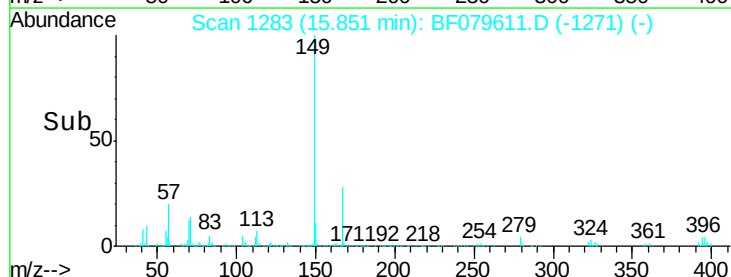
150000

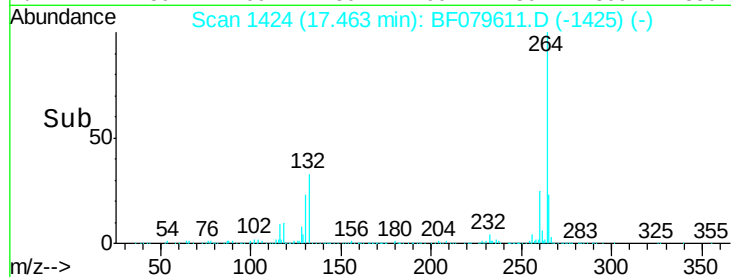
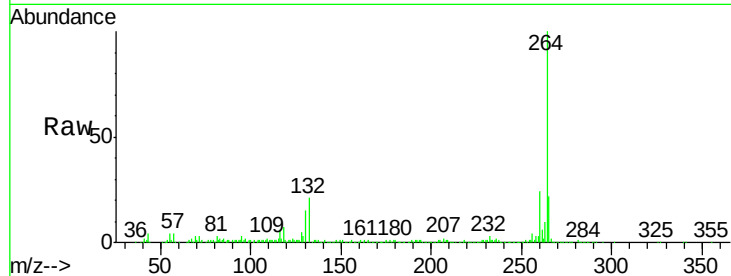
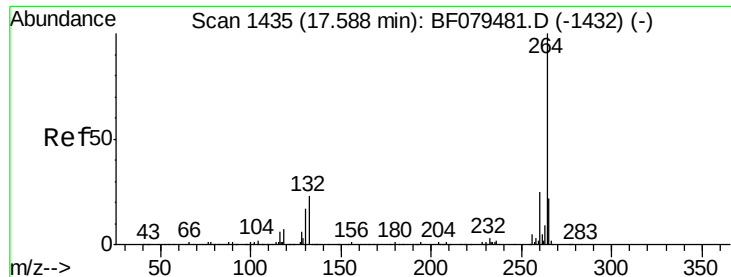
100000

50000

0

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.46 min Scan# 1424
Delta R.T. -0.21 min
Lab File: BF079611.D
Acq: 30 May 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PENRD8.11(5)

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	266720		
260	24.0	19.8	29.8	
265	21.9	17.8	26.6	

Manual Integrations
APPROVED

apatel
6/1/2015 8:46:42 PM

