

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078869.D
 Acq On : 1 May 2015 1:35
 Operator : TP/IZ
 Sample : G2044-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-62D

Manual Integrations
 APPROVED

apatel
 5/1/2015 4:44:42 PM

Quant Time: May 01 02:39:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 00:31:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	78271	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	324083	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	149576	20.00	ng	0.00
63) Phenanthrene-d10	12.97	188	294102	20.00	ng	0.00
75) Chrysene-d12	16.26	240	309580	20.00	ng	-0.01
86) Perylene-d12	17.98	264	321164	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	464737	102.21	ng	0.00
7) Phenol-d6	6.91	99	595401	99.06	ng	0.00
23) Nitrobenzene-d5	8.06	82	331507	58.79	ng	0.00
41) 2,4,6-Tribromophenol	12.10	330	166124	102.66	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	560969	52.25	ng	0.00
78) Terphenyl-d14	14.97	244	601968	46.55	ng	0.00
Target Compounds						
32) Benzoic acid	8.57	122	1263	6.69	ng	Qvalue # 69
49) Dimethylphthalate	10.80	163	88514	8.06	ng	98
70) Phenanthrene	13.01	178	42354	2.57	ng	99
74) Fluoranthene	14.48	202	77654	4.53	ng	94
77) Pyrene	14.77	202	71178	3.99	ng	98
80) Benzo(a)anthracene	16.25	228	40800	2.41	ng	99
87) Benzo(b)fluoranthene	17.52	252	45017m	2.56	ng	

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

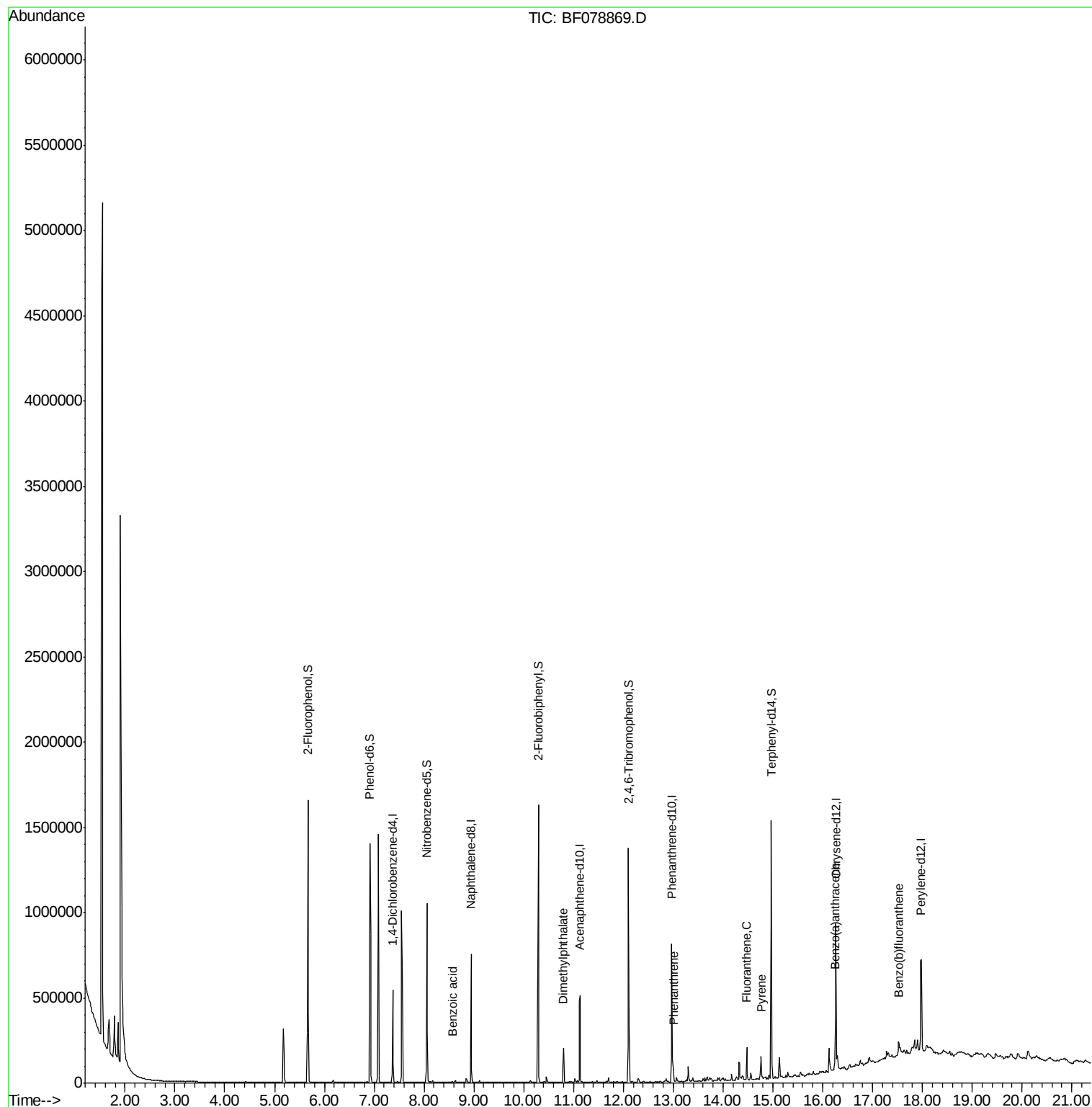
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078869.D
Acq On : 1 May 2015 1:35
Operator : TP/IZ
Sample : G2044-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-62D

Manual Integrations
APPROVED

apatel
5/1/2015 4:44:42 PM

Quant Time: May 01 02:39:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 00:31:00 2015
Response via : Initial Calibration





#1

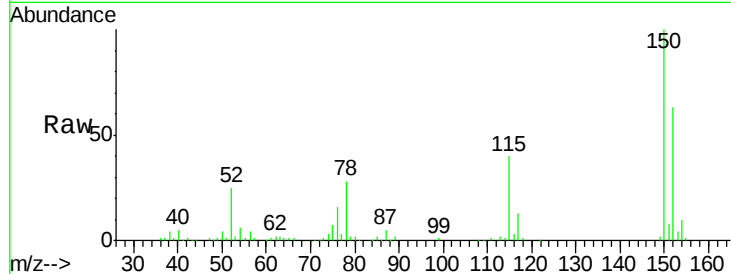
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF078869.D
Acq: 1 May 2015 1:35

Instrument :
BNA_F
ClientSampled :
SB-62D

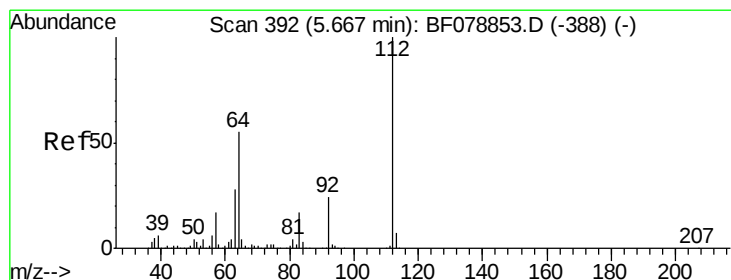
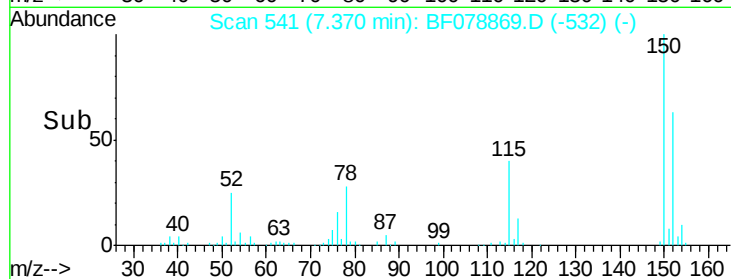
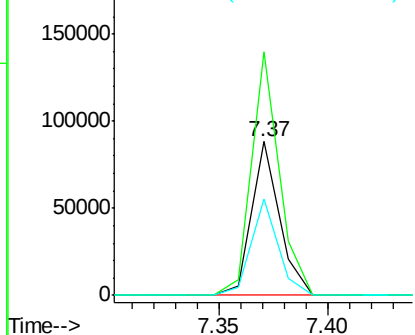
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	122.0	183.0
115	62.8	46.3	69.5

Manual Integrations
APPROVED

apatel
5/1/2015 4:44:42 PM



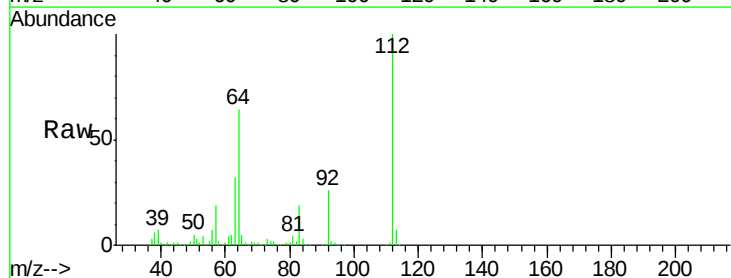
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



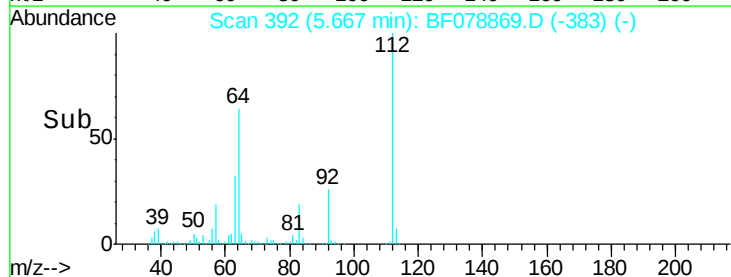
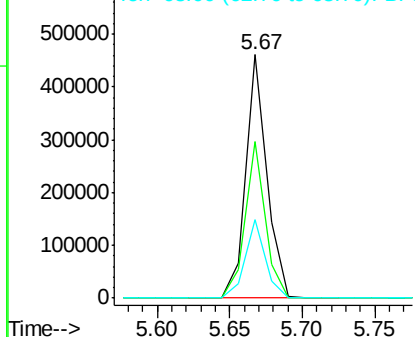
#5

2-Fluorophenol
Concen: 102.21 ng
RT: 5.67 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF078869.D
Acq: 1 May 2015 1:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.5	80.3
63	32.1	27.5	41.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.06 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF078869.D

Acq: 1 May 2015 1:35

Instrument :

BNA_F

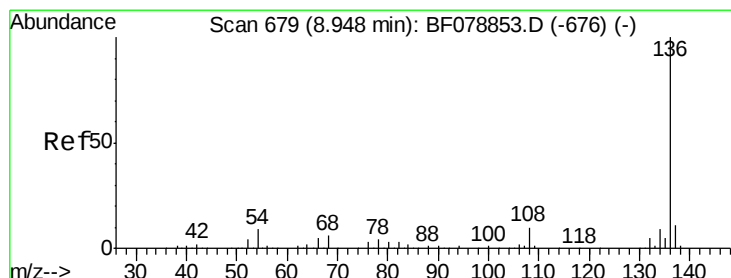
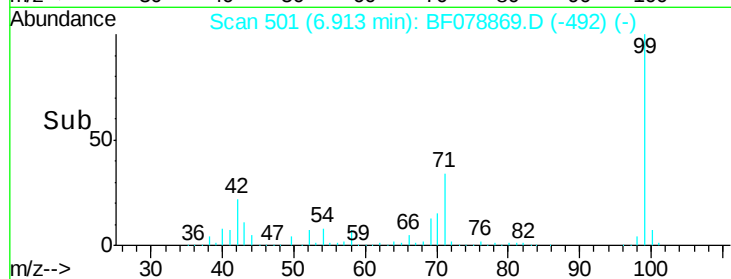
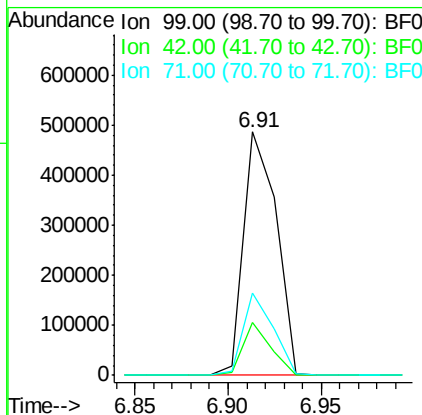
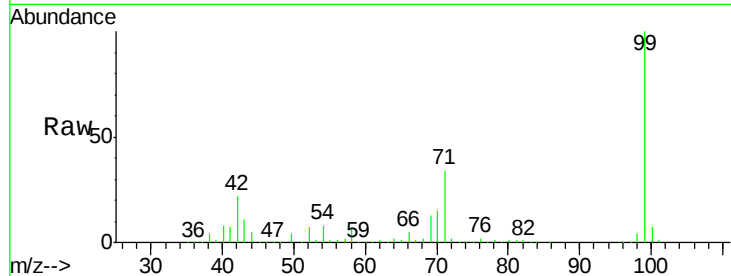
ClientSampled :

SB-62D

Tot Ion:	99	Resp:	595401
Ion Ratio	Lower	Upper	
99	100		
42	21.5	12.8	19.2#
71	33.9	23.4	35.2

Manual Integrations
APPROVED

apatel
5/1/2015 4:44:42 PM



#21

Naphthalene-d8

Concen: 20.00 ng

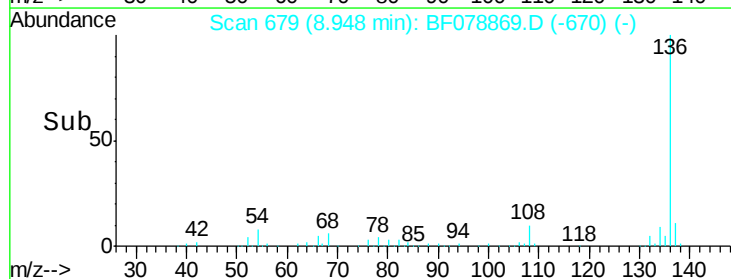
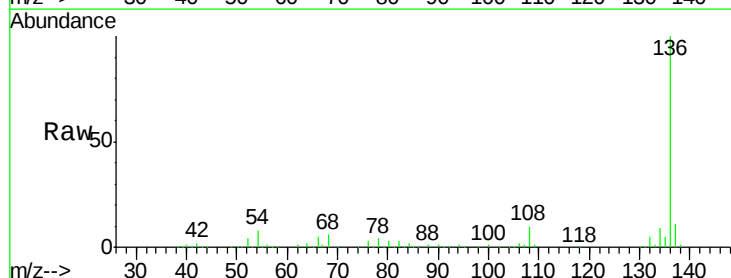
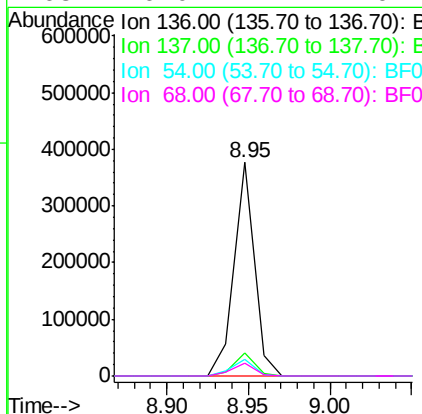
RT: 8.95 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF078869.D

Acq: 1 May 2015 1:35

Tgt Ion:	136	Resp:	324083
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.7	13.1
54	8.0	5.8	8.8
68	6.0	4.2	6.4





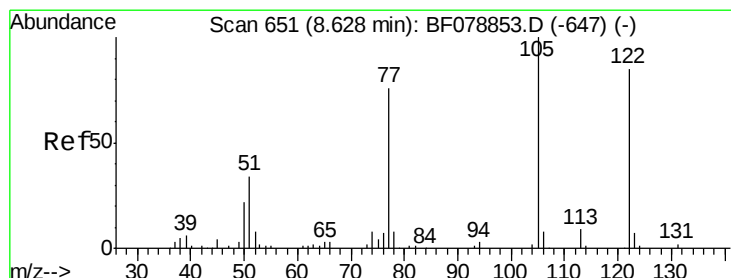
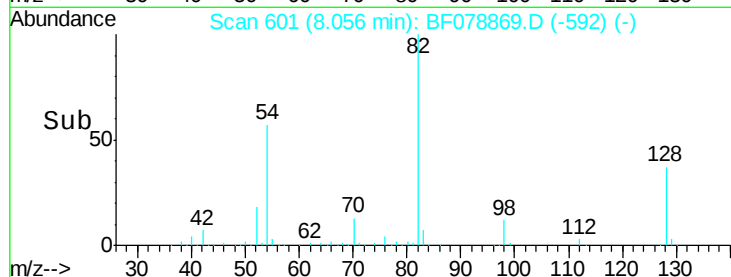
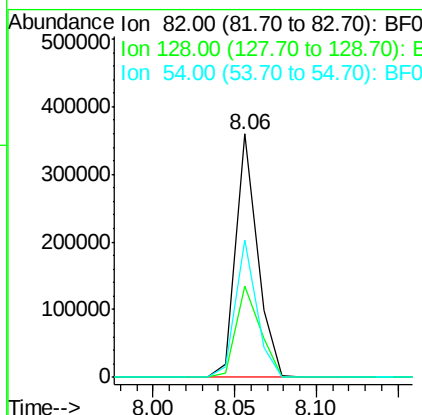
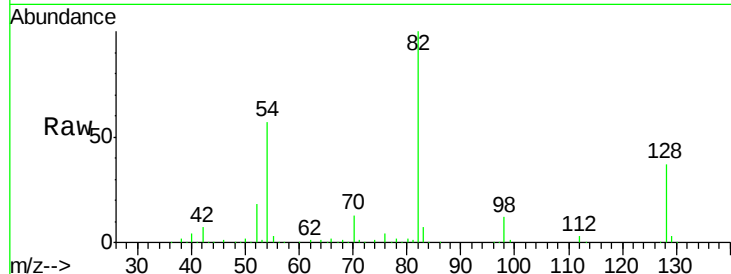
#23
 Nitrobenzene-d5
 Concen: 58.79 ng
 RT: 8.06 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF078869.D
 Acq: 1 May 2015 1:35

Instrument :
 BNA_F
 ClientSampled :
 SB-62D

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.3	30.0	45.0	
54	56.6	46.4	69.6	

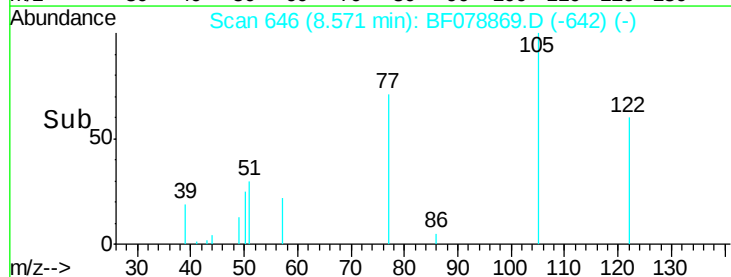
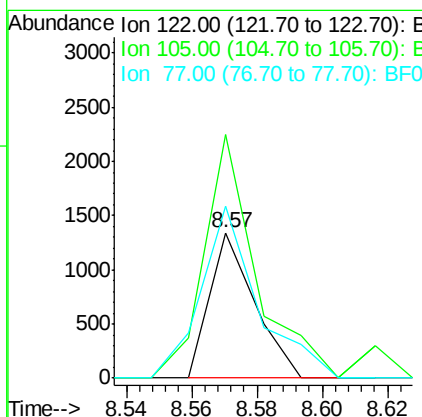
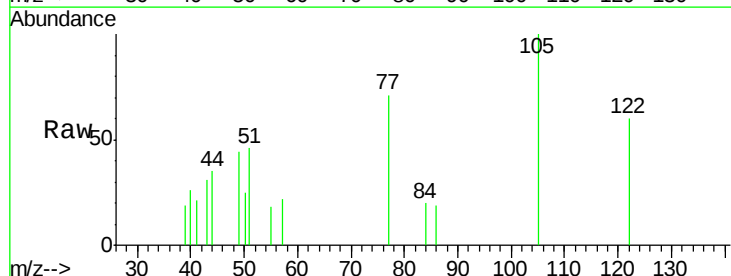
Manual Integrations
 APPROVED

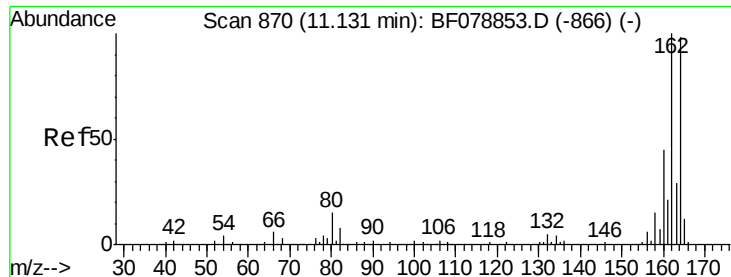
apatel
 5/1/2015 4:44:42 PM



#32
 Benzoic acid
 Concen: 6.69 ng
 RT: 8.57 min Scan# 646
 Delta R.T. -0.06 min
 Lab File: BF078869.D
 Acq: 1 May 2015 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	167.6	107.1	147.1#	
77	118.3	73.9	113.9#	





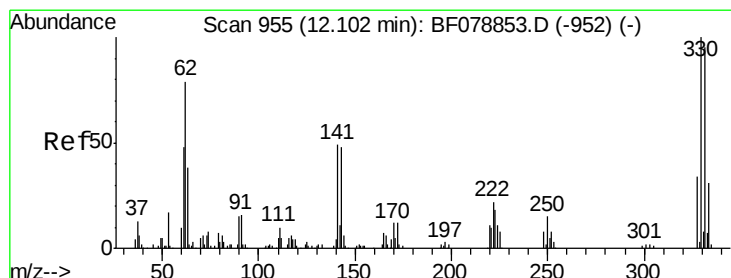
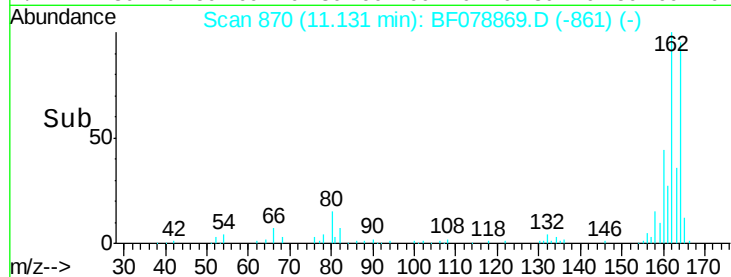
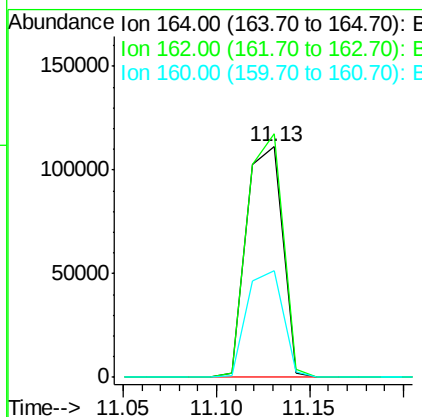
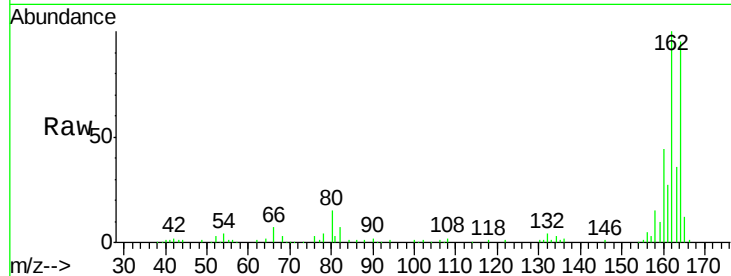
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF078869.D
 Acq: 1 May 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-62D

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.5	82.7	124.1	
160	46.5	35.8	53.8	

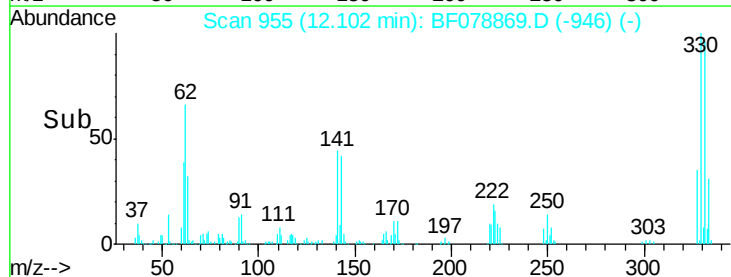
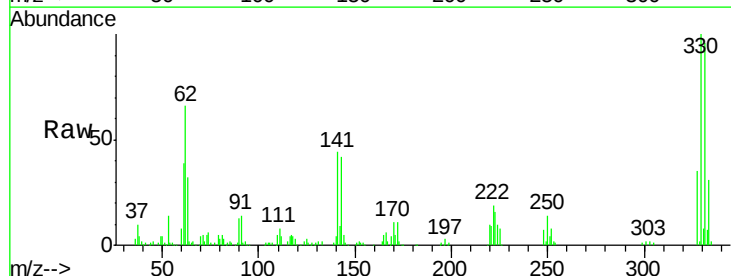
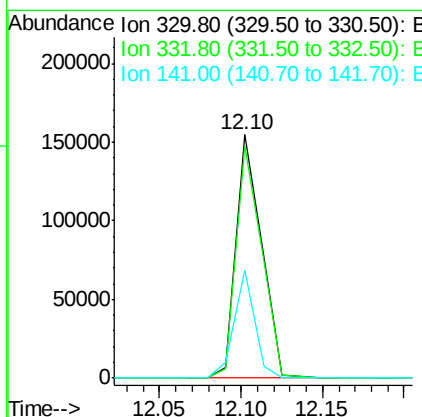
Manual Integrations
 APPROVED

apatel
 5/1/2015 4:44:42 PM



#41
 2,4,6-Tribromophenol
 Concen: 102.66 ng
 RT: 12.10 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078869.D
 Acq: 1 May 2015 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	0.0	0.0#	
141	36.0	0.0	0.0#	





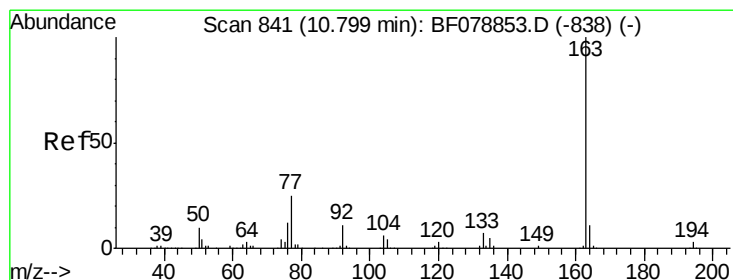
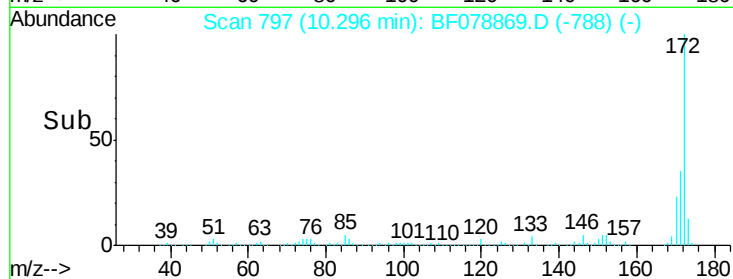
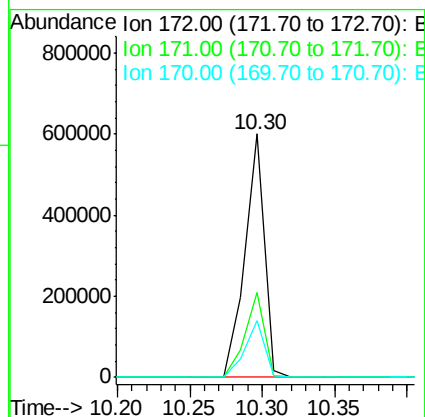
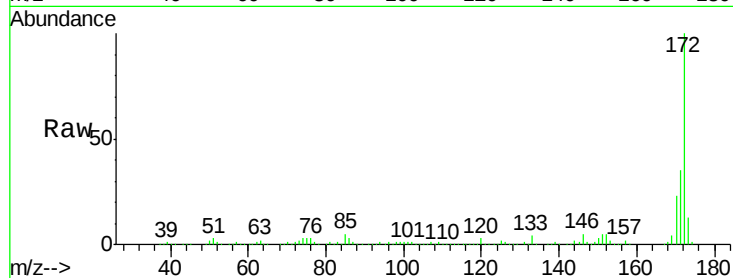
#44
2-Fluorobiphenyl
Concen: 52.25 ng
RT: 10.30 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF078869.D
Acq: 1 May 2015 1:35

Instrument :
BNA_F
ClientSampleId :
SB-62D

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	34.7	27.9	41.9
170	23.4	19.4	29.0

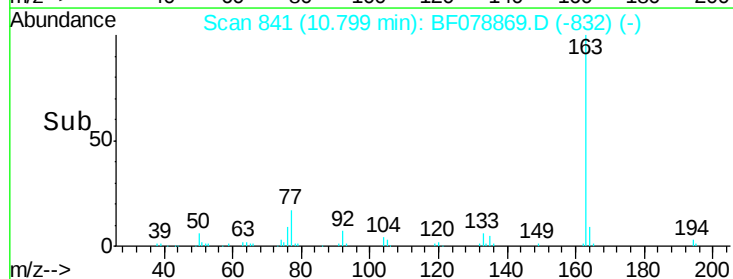
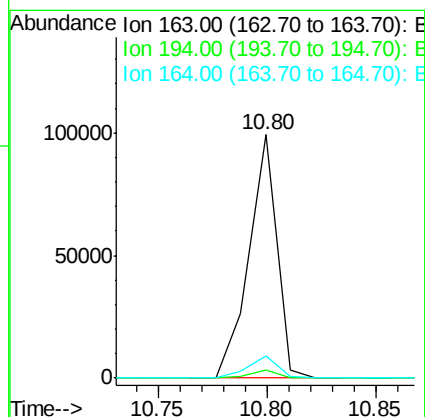
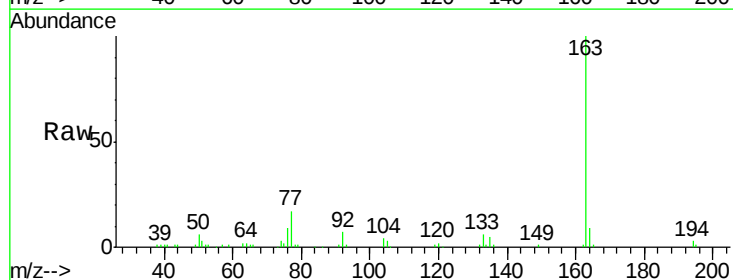
Manual Integrations
APPROVED

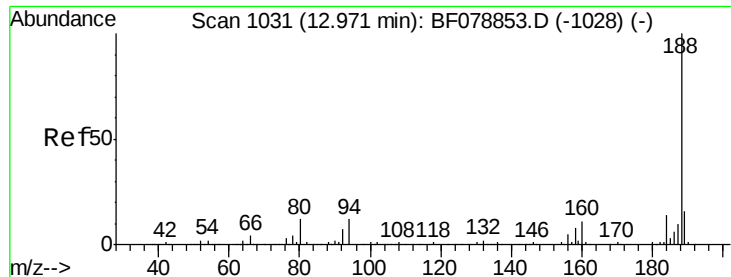
apatel
5/1/2015 4:44:42 PM



#49
Dimethylphthalate
Concen: 8.06 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078869.D
Acq: 1 May 2015 1:35

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.4	8.1	12.1





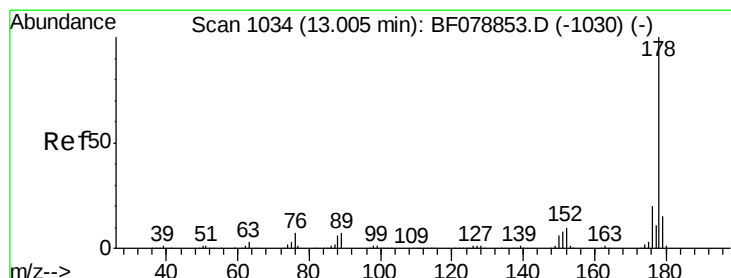
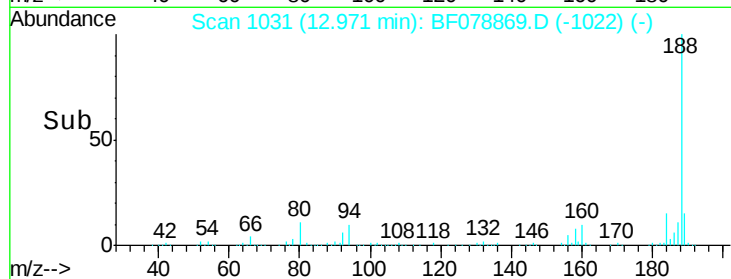
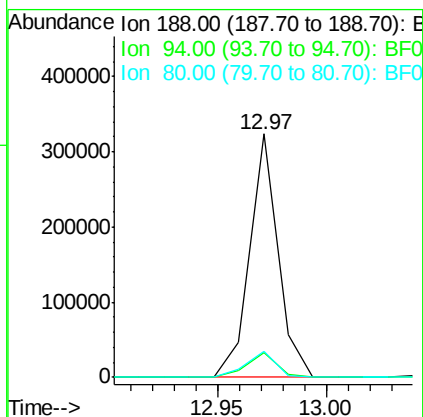
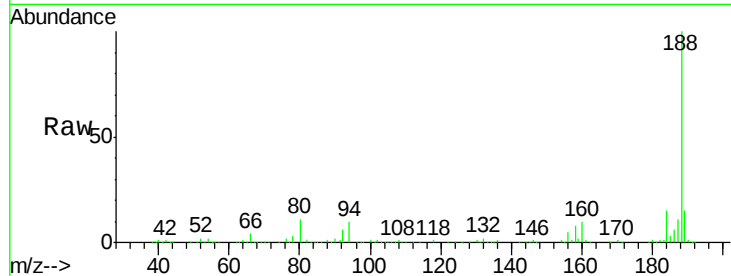
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF078869.D
Acq: 1 May 2015 1:35

Instrument :
BNA_F
ClientSampleId :
SB-62D

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	8.2	12.2
80	10.8	8.9	13.3

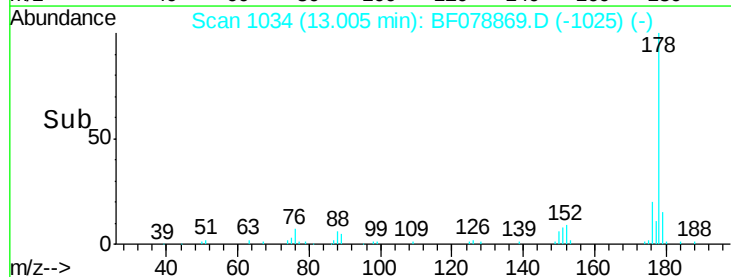
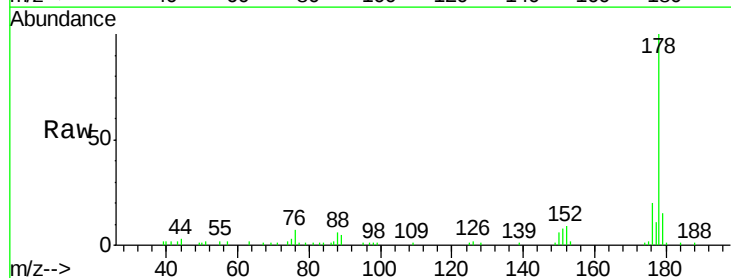
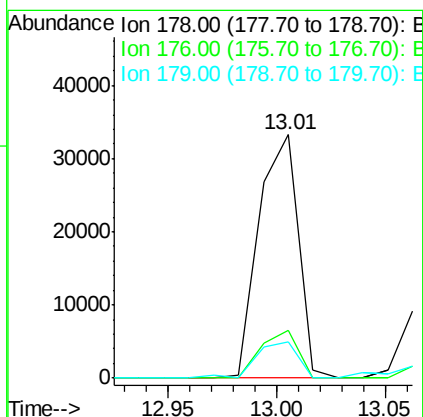
Manual Integrations
APPROVED

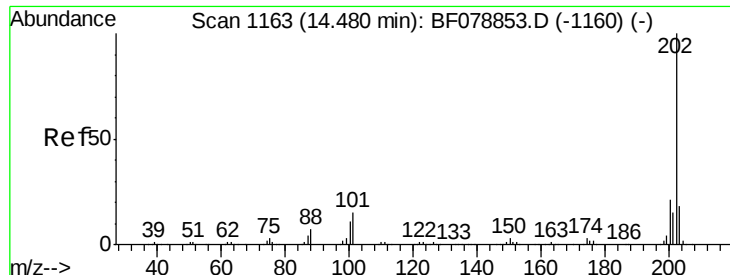
apatel
5/1/2015 4:44:42 PM



#70
Phenanthrene
Concen: 2.57 ng
RT: 13.01 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF078869.D
Acq: 1 May 2015 1:35

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.0	12.5	18.7





#74

Fluoranthene

Concen: 4.53 ng

RT: 14.48 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF078869.D

Acq: 1 May 2015 1:35

Instrument :

BNA_F

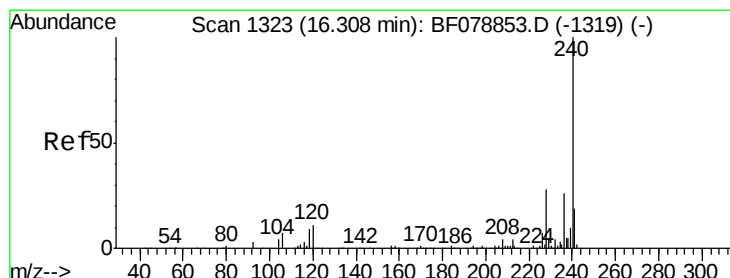
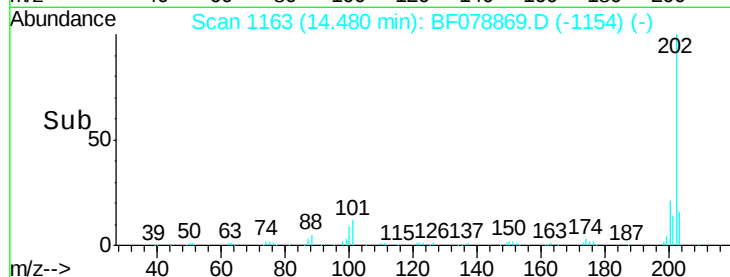
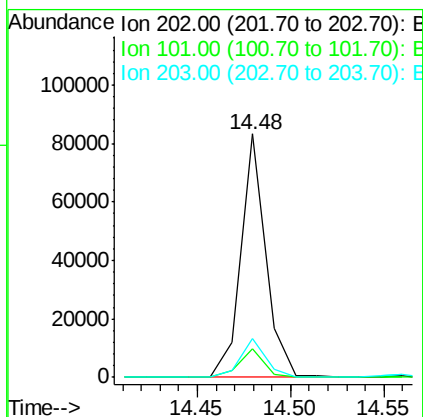
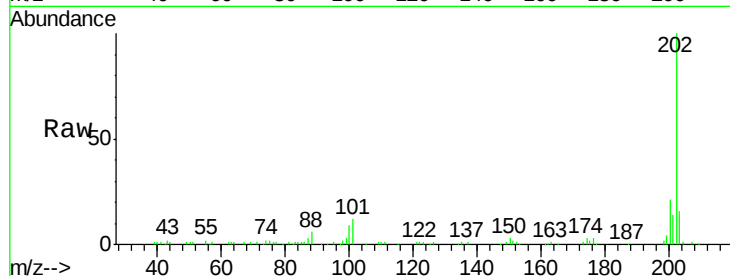
ClientSampled :

SB-62D

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	34.6
203	16.1	0.0	38.4

Manual Integrations
APPROVED

apatel
5/1/2015 4:44:42 PM



#75

Chrysene-d12

Concen: 20.00 ng

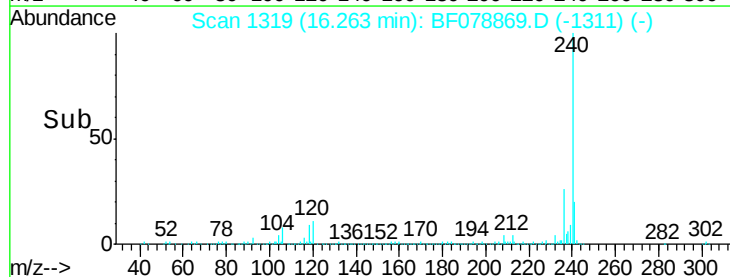
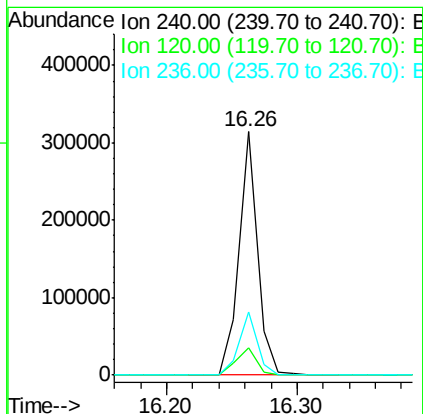
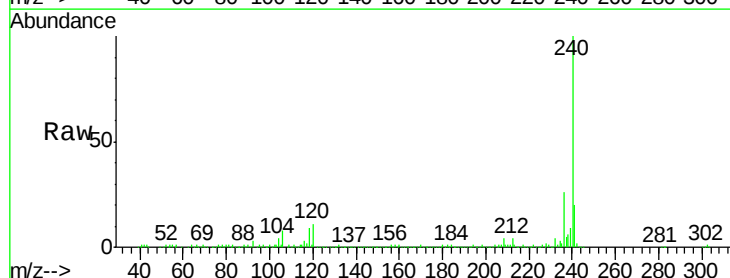
RT: 16.26 min Scan# 1319

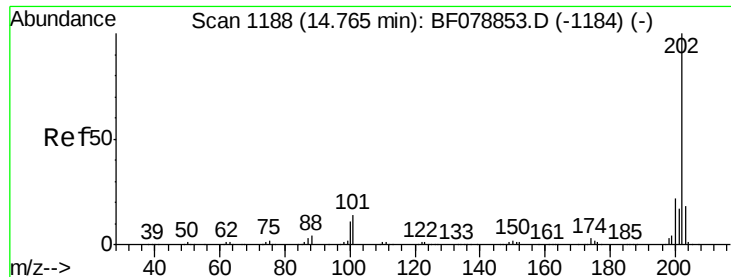
Delta R.T. -0.01 min

Lab File: BF078869.D

Acq: 1 May 2015 1:35

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.2	9.7	14.5
236	26.1	20.2	30.4





#77

Pvrene

Concen: 3.99 ng

RT: 14.77 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF078869.D

Acq: 1 May 2015 1:35

Instrument :

BNA_F

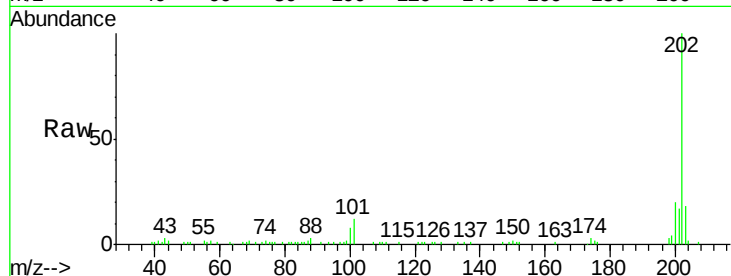
ClientSampleId :

SB-62D

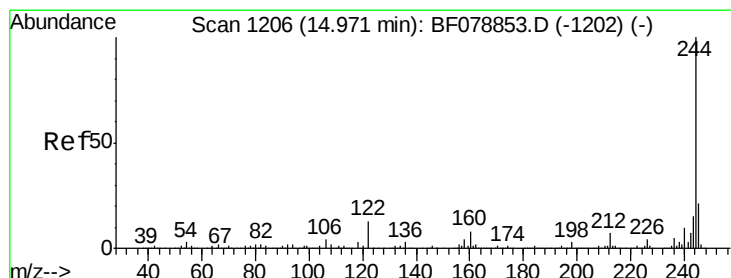
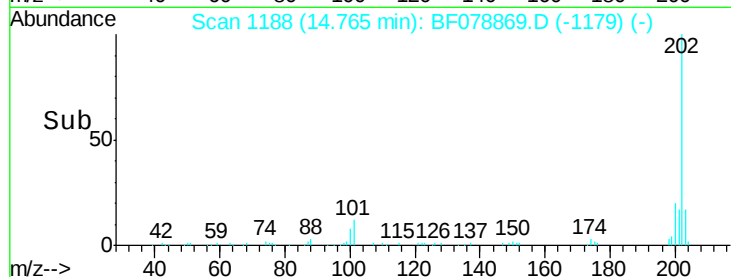
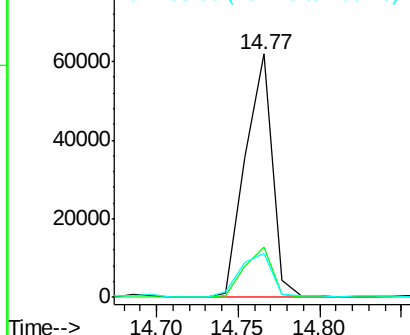
Tot Ion:	202	Resp:	71178
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.5	26.3
203	18.1	13.9	20.9

Manual Integrations
APPROVED

apatel
5/1/2015 4:44:42 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 46.55 ng

RT: 14.97 min Scan# 1206

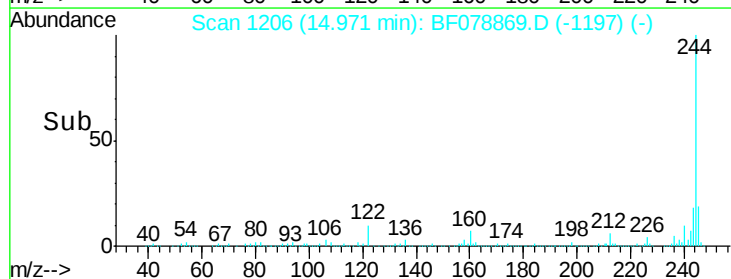
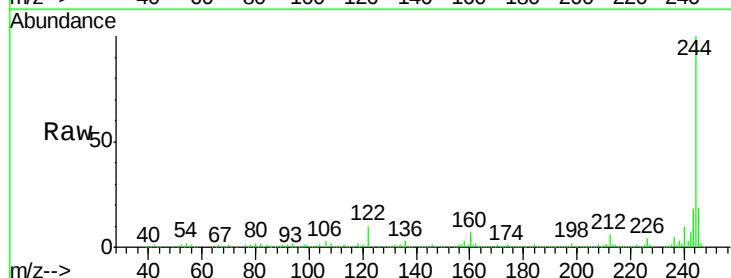
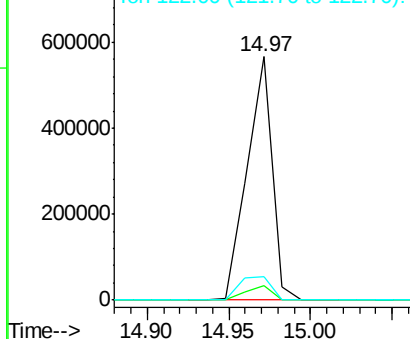
Delta R.T. 0.00 min

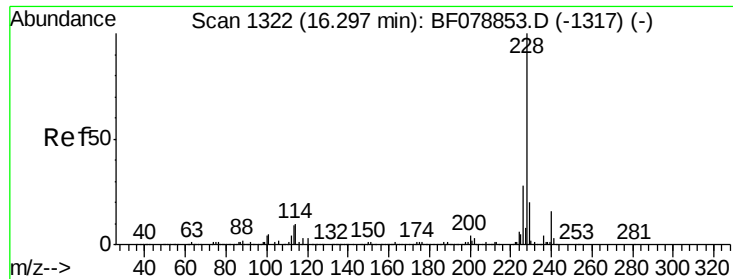
Lab File: BF078869.D

Acq: 1 May 2015 1:35

Tgt Ion:	244	Resp:	601968
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.6	8.4
122	9.5	10.3	15.5#

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





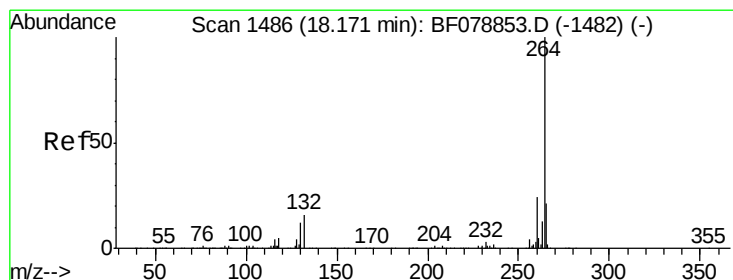
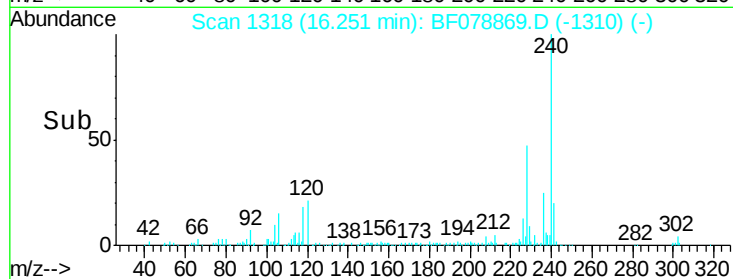
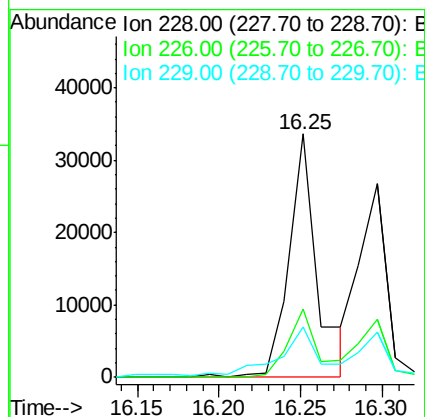
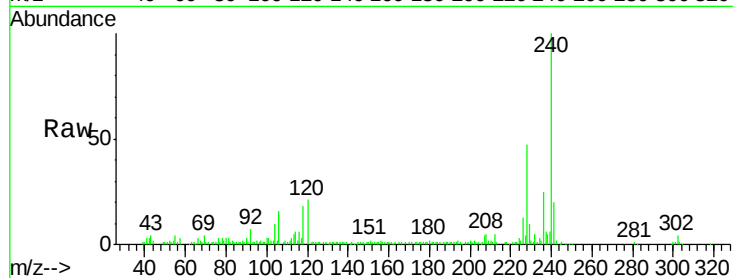
#80
Benzo(a)anthracene
Concen: 2.41 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF078869.D
Acq: 1 May 2015 1:35

Instrument :
BNA_F
ClientSampleId :
SB-62D

Tot Ion:	228	Resp:	40800
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.6	33.8
229	20.7	15.9	23.9

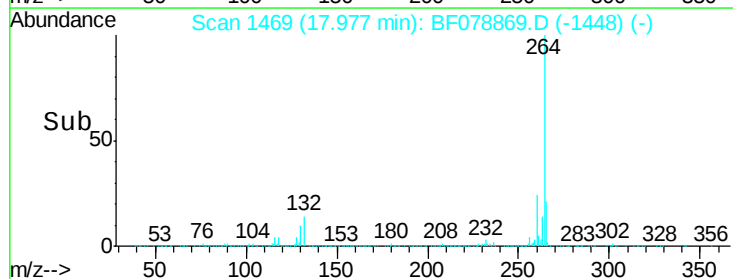
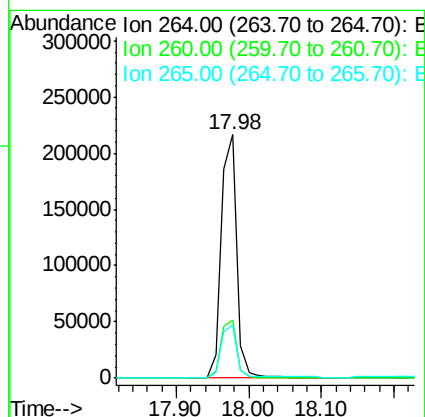
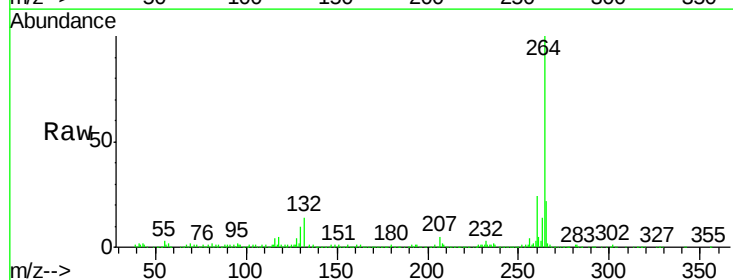
Manual Integrations
APPROVED

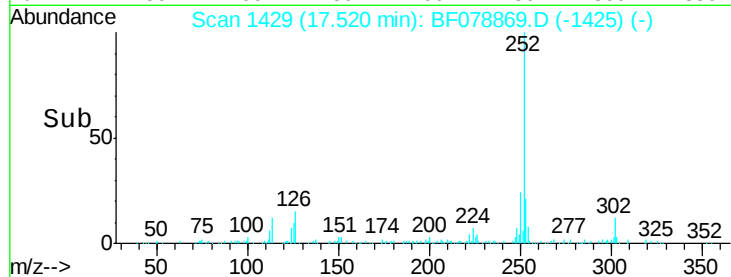
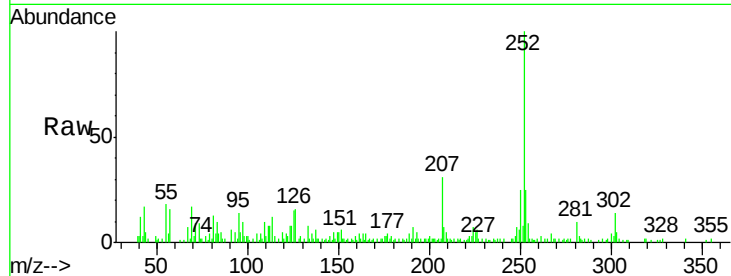
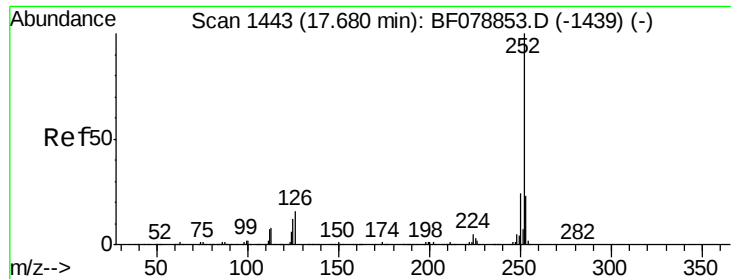
apatel
5/1/2015 4:44:42 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.98 min Scan# 1469
Delta R.T. -0.06 min
Lab File: BF078869.D
Acq: 1 May 2015 1:35

Tgt Ion:	264	Resp:	321164
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.4	29.2
265	21.7	18.3	27.5





#87

Benzo(b)fluoranthene

Concen: 2.56 ng m

RT: 17.52 min Scan# 1429

Delta R.T. -0.06 min

Lab File: BF078869.D

Acq: 1 May 2015 1:35

Instrument :

BNA_F

ClientSampleId :

SB-62D

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.7	26.5
125	15.3	9.5	14.3

Manual Integrations
APPROVED

apatel
5/1/2015 4:44:42 PM

