

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
 Data File : BF078691.D
 Acq On : 21 Apr 2015 19:03
 Operator : TP/IZ
 Sample : G1938-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-67S

Manual Integrations
 APPROVED

apatel
 4/22/2015 5:22:17 PM

Quant Time: Apr 22 03:27:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 00:52:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	35703	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	148563	20.00	ng	-0.01
38) Acenaphthene-d10	11.16	164	76448	20.00	ng	-0.01
63) Phenanthrene-d10	13.90	188	145851	20.00	ng	-0.01
75) Chrysene-d12	17.77	240	159616	20.00	ng	-0.01
86) Perylene-d12	19.46	264	156176	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	244508	112.91	ng	0.01
7) Phenol-d6	5.32	99	308100	113.53	ng	0.00
23) Nitrobenzene-d5	6.75	82	183819	75.00	ng	-0.01
41) 2,4,6-Tribromophenol	12.64	330	78484	123.79	ng	-0.01
44) 2-Fluorobiphenyl	9.99	172	376840	70.46	ng	-0.01
78) Terphenyl-d14	16.43	244	411815	58.30	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.80	163	15089	2.63	ng	99
70) Phenanthrene	13.94	178	21374	2.53	ng	99
74) Fluoranthene	15.83	202	36621	4.12	ng	96
77) Pyrene	16.14	202	34573	3.45	ng	# 96
82) Chrysene	17.79	228	18182m	2.04	ng	
87) Benzo(b)fluoranthene	19.04	252	23384m	2.42	ng	
89) Benzo(a)pyrene	19.39	252	17958	2.13	ng	# 88

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

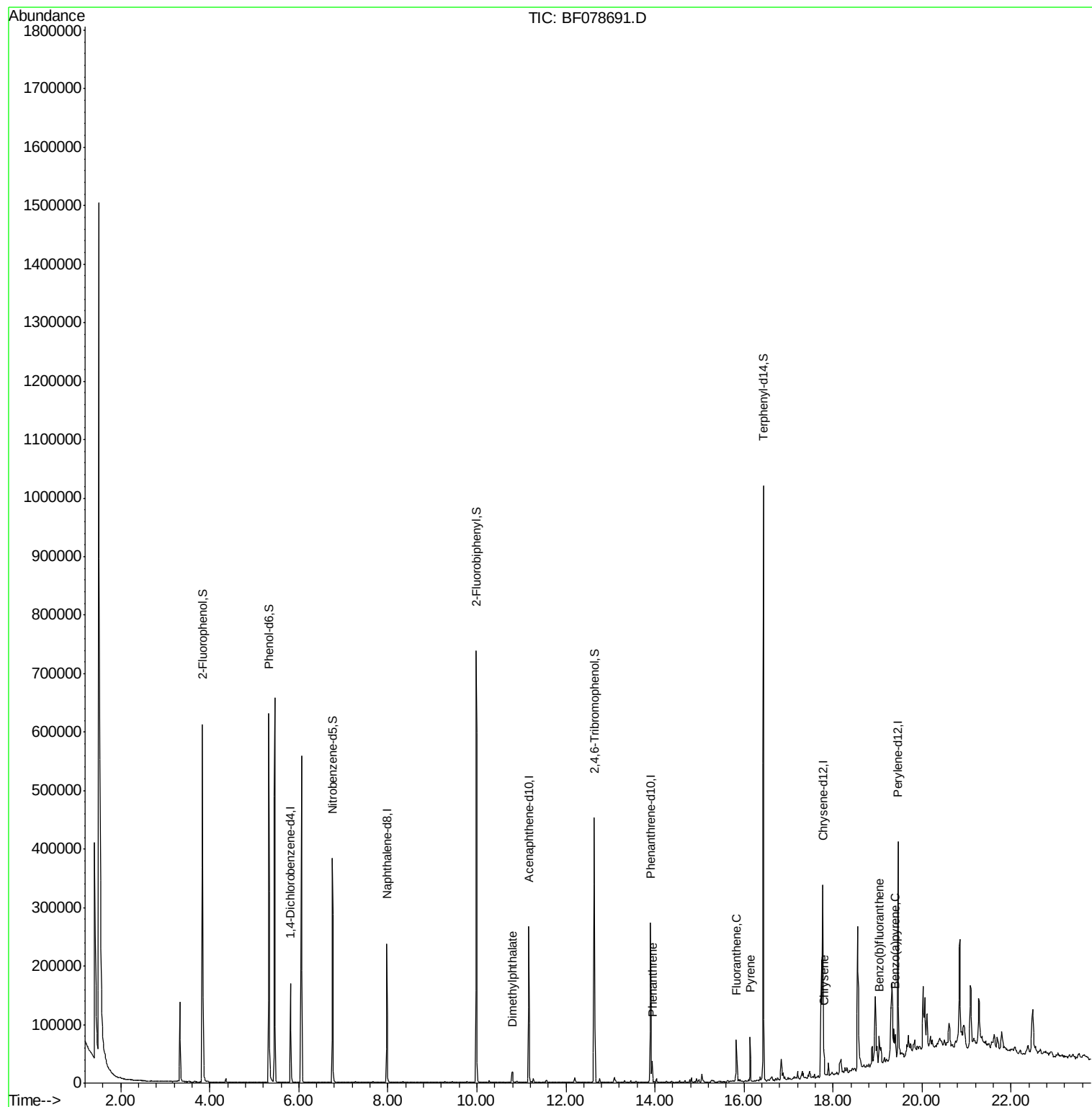
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
Data File : BF078691.D
Acq On : 21 Apr 2015 19:03
Operator : TP/IZ
Sample : G1938-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

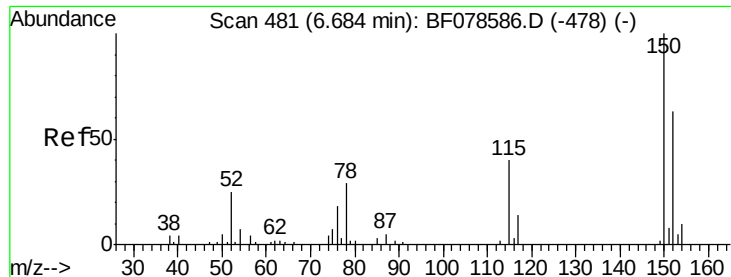
Instrument :
BNA_F
ClientSampleId :
SB-67S

Manual Integrations
APPROVED

apatel
4/22/2015 5:22:17 PM

Quant Time: Apr 22 03:27:09 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 00:52:13 2015
Response via : Initial Calibration





#1

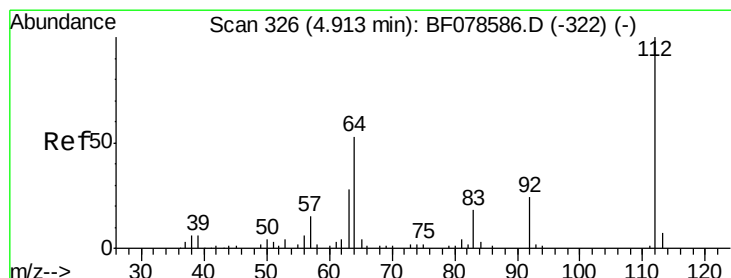
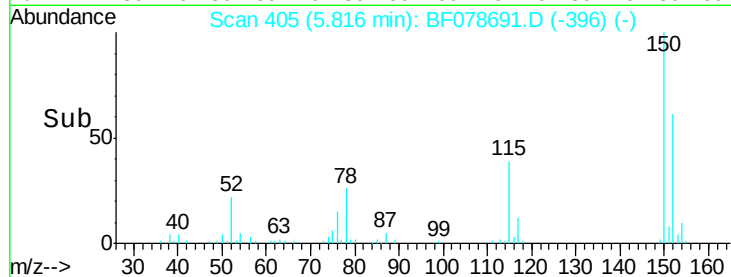
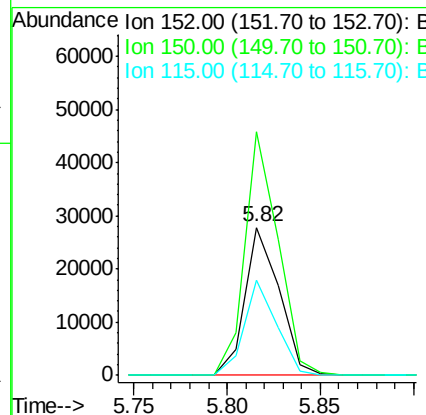
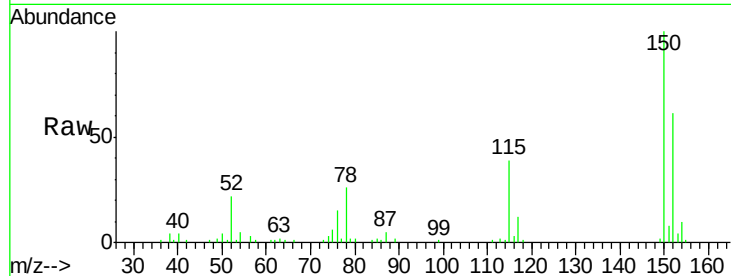
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Instrument :
BNA_F
ClientSampleId :
SB-67S

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.3	125.9	188.9
115	64.0	52.7	79.1

Manual Integrations
APPROVED

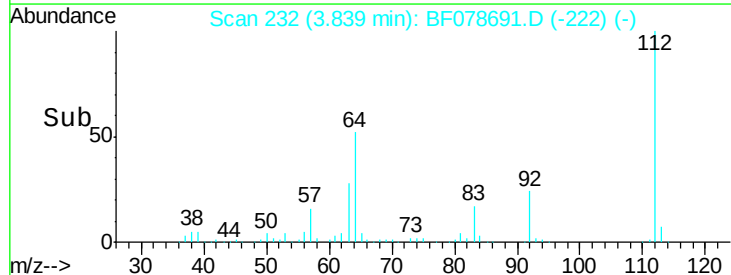
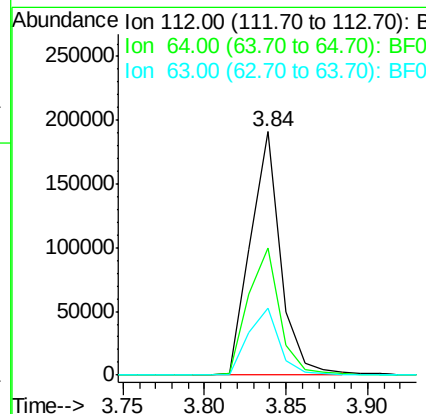
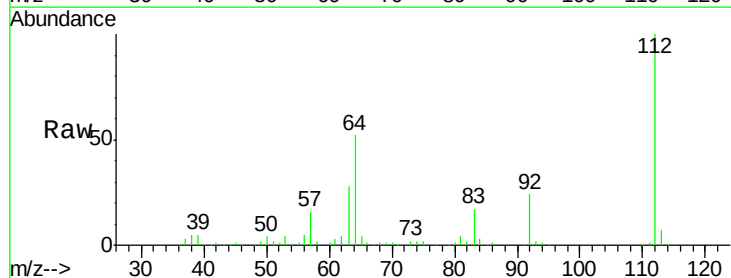
apatel
4/22/2015 5:22:17 PM

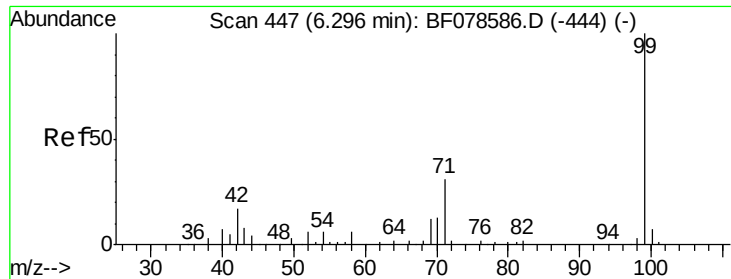


#5

2-Fluorophenol
Concen: 112.91 ng
RT: 3.84 min Scan# 232
Delta R.T. 0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	39.9	59.9
63	27.5	20.2	30.4





#7

Phenol-d6

Concen: 113.53 ng

RT: 5.32 min Scan# 362

Delta R.T. -0.00 min

Lab File: BF078691.D

Acq: 21 Apr 2015 19:03

Instrument :

BNA_F

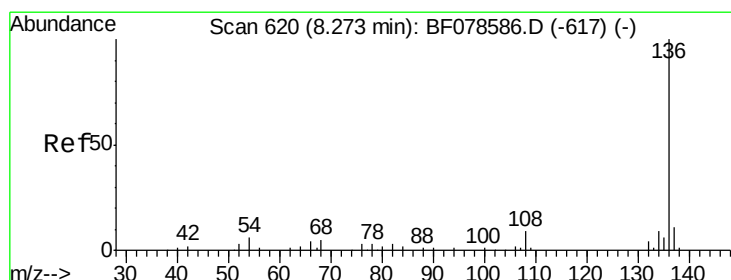
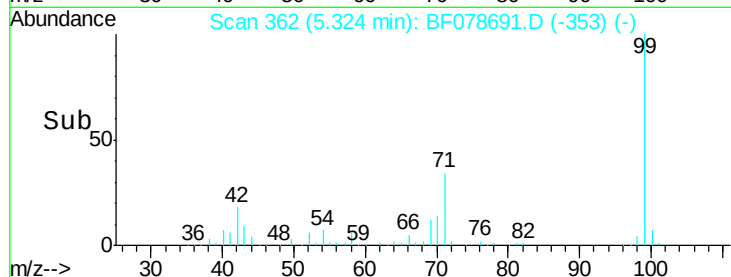
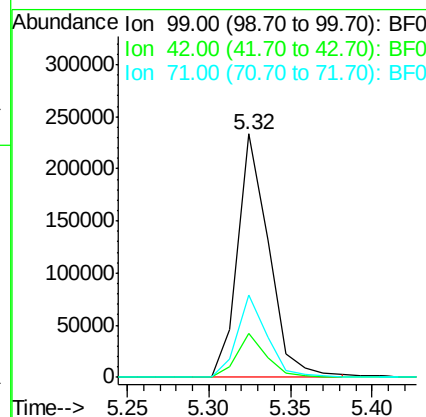
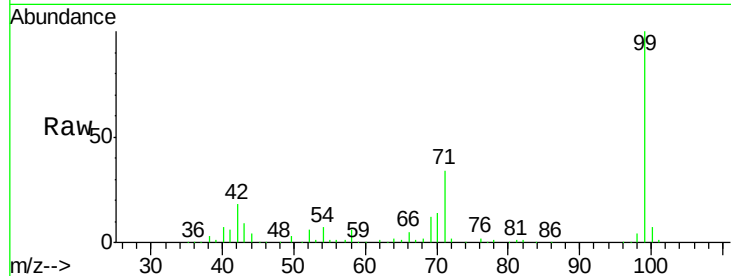
ClientSampleId :

SB-67S

Tot Ion:	99	Resp:	308100
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.8	22.2
71	33.9	26.6	39.8

Manual Integrations
APPROVED

apatel
4/22/2015 5:22:17 PM



#21

Naphthalene-d8

Concen: 20.00 ng

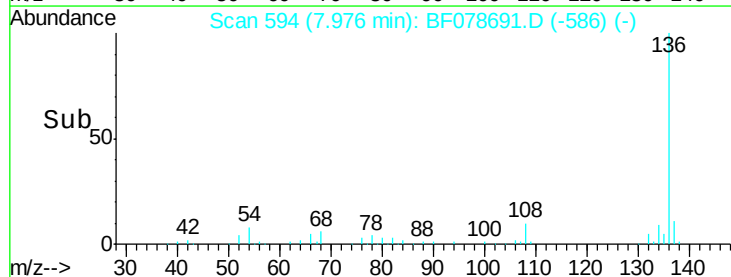
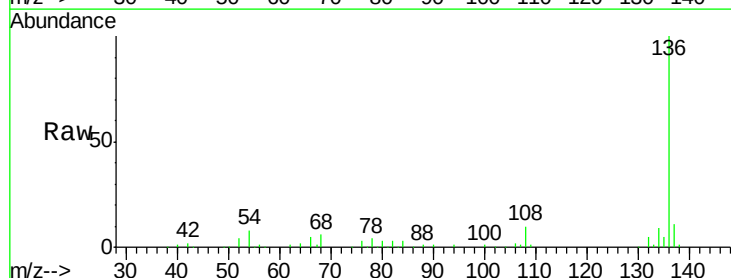
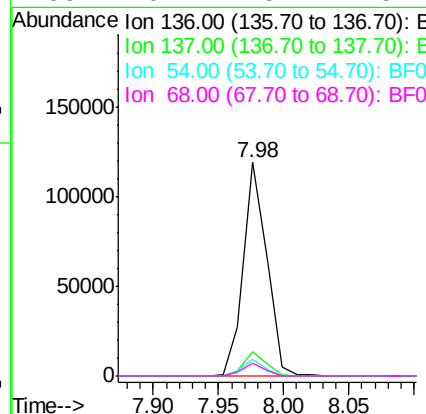
RT: 7.98 min Scan# 594

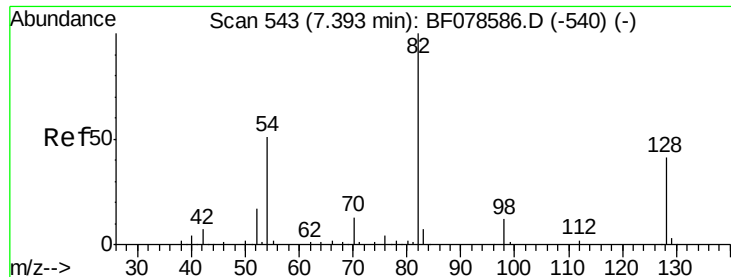
Delta R.T. -0.01 min

Lab File: BF078691.D

Acq: 21 Apr 2015 19:03

Tgt Ion:	136	Resp:	148563
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	7.9	7.0	10.6
68	6.2	5.4	8.2





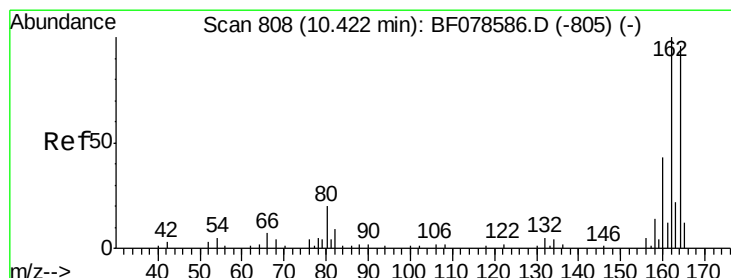
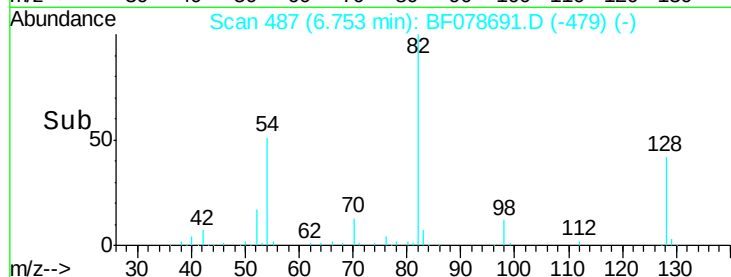
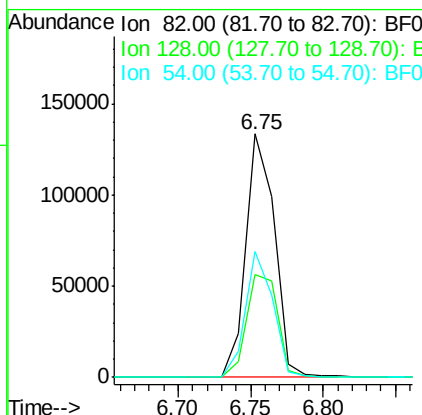
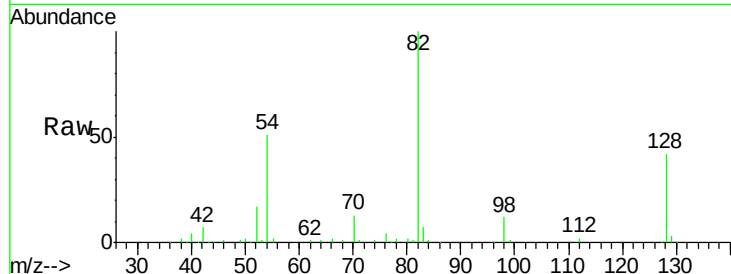
#23
 Nitrobenzene-d5
 Concen: 75.00 ng
 RT: 6.75 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF078691.D
 Acq: 21 Apr 2015 19:03

Instrument :
 BNA_F
 ClientSampled :
 SB-67S

Tot Ion:	82	Resp:	183819
Ion Ratio	Lower	Upper	
82	100		
128	42.1	31.8	47.8
54	51.4	41.5	62.3

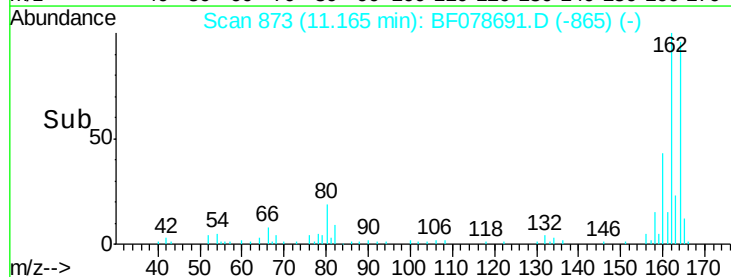
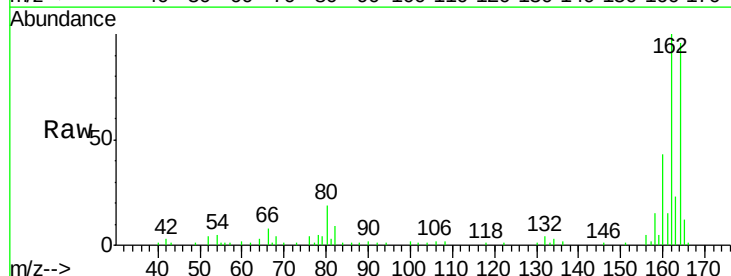
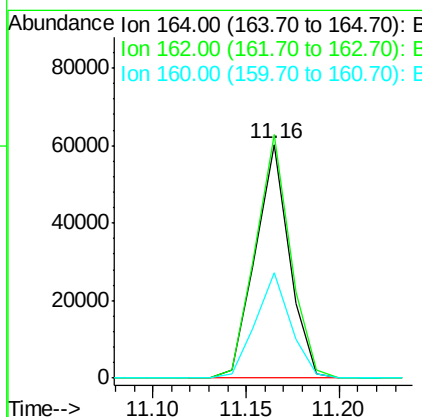
Manual Integrations
 APPROVED

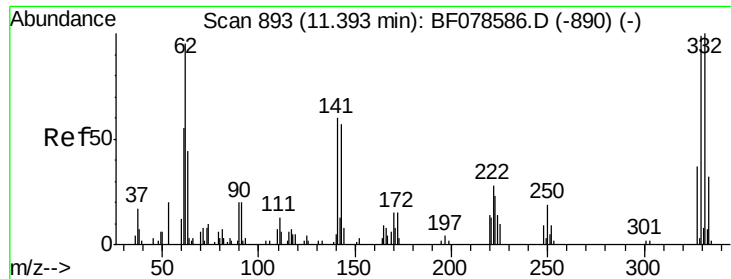
apatel
 4/22/2015 5:22:17 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF078691.D
 Acq: 21 Apr 2015 19:03

Tgt Ion:	164	Resp:	76448
Ion Ratio	Lower	Upper	
164	100		
162	104.0	82.2	123.2
160	45.1	34.7	52.1





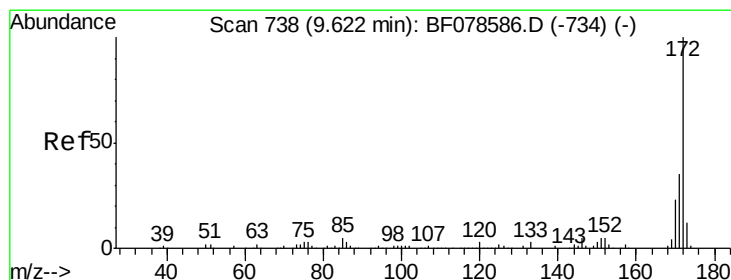
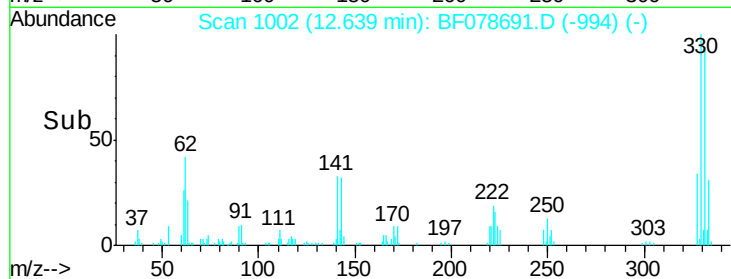
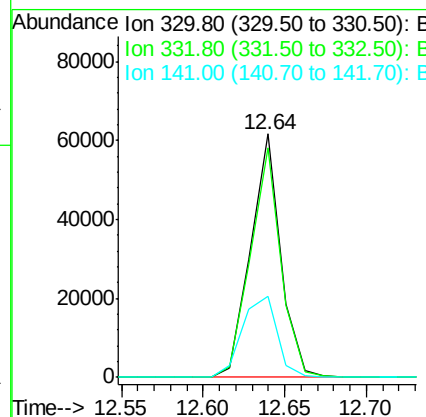
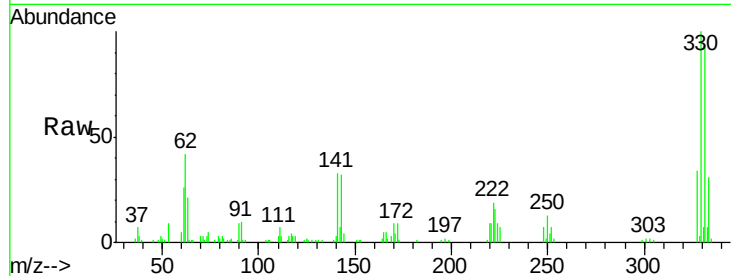
#41
 2,4,6-Tribromophenol
 Concen: 123.79 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF078691.D
 Acq: 21 Apr 2015 19:03

Instrument :
 BNA_F
 ClientSampled :
 SB-67S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.6	117.8
141	38.9	31.2	46.8

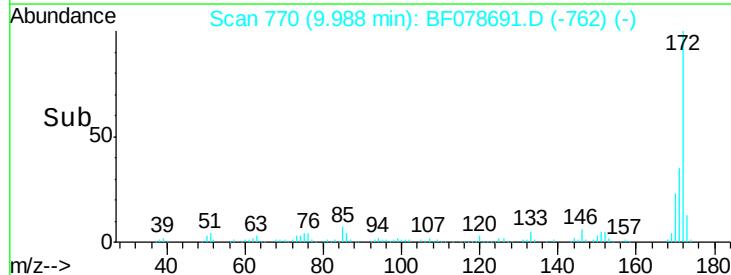
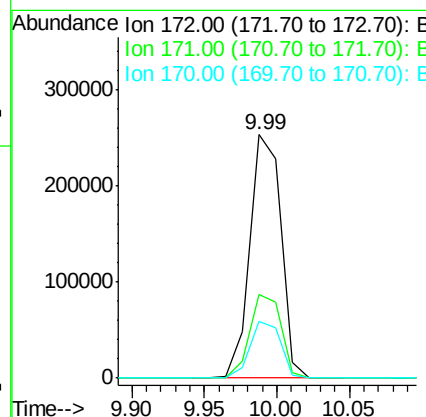
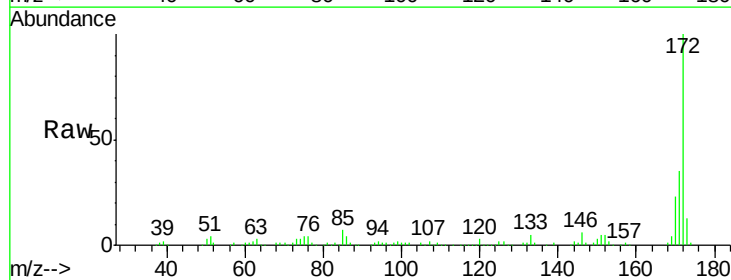
Manual Integrations
 APPROVED

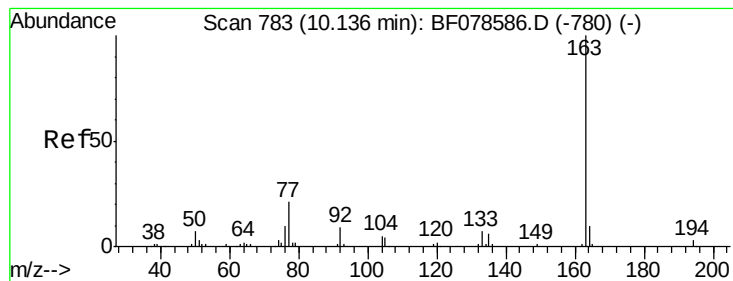
apatel
 4/22/2015 5:22:17 PM



#44
 2-Fluorobiphenyl
 Concen: 70.46 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF078691.D
 Acq: 21 Apr 2015 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	23.2	18.5	27.7





#49

Dimethylphthalate

Concen: 2.63 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF078691.D

Acq: 21 Apr 2015 19:03

Instrument :

BNA_F

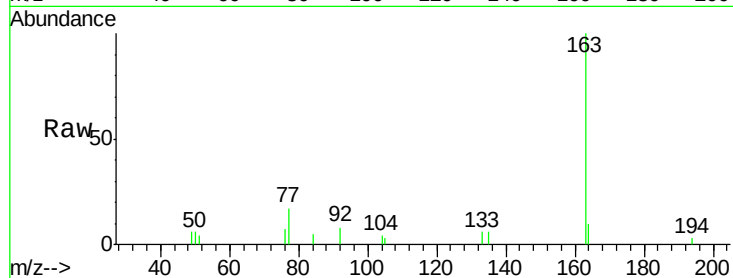
ClientSampled :

SB-67S

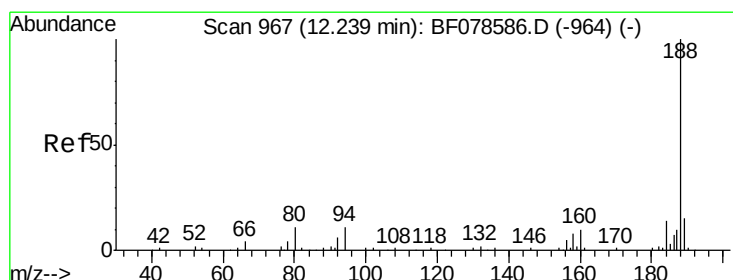
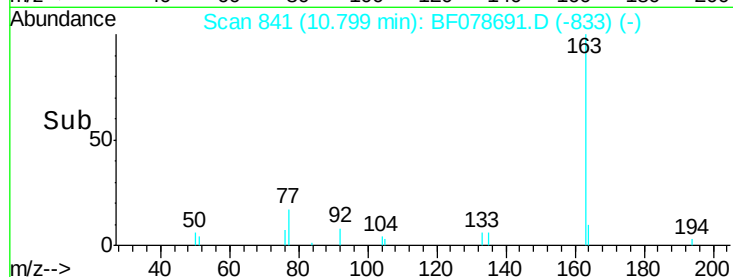
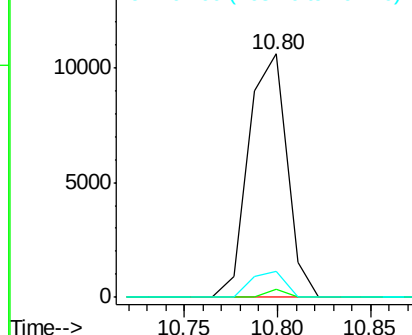
Tot Ion:	163	Resp:	15089
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.3	3.5
164	10.5	8.6	13.0

Manual Integrations
APPROVED

apatel
4/22/2015 5:22:17 PM



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

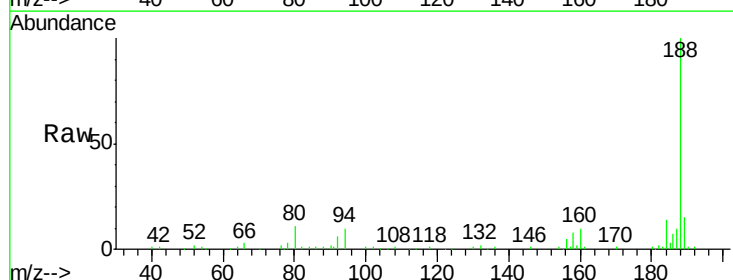
RT: 13.90 min Scan# 1112

Delta R.T. -0.01 min

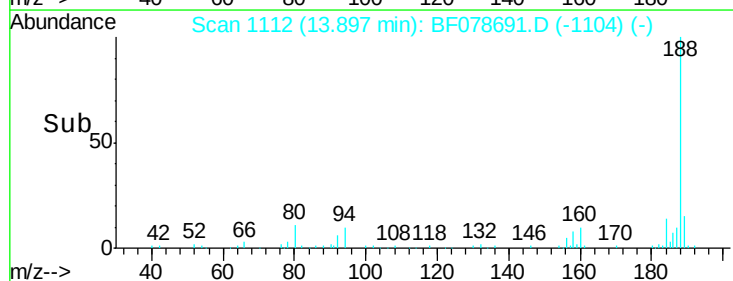
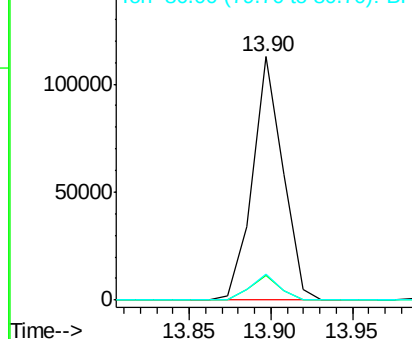
Lab File: BF078691.D

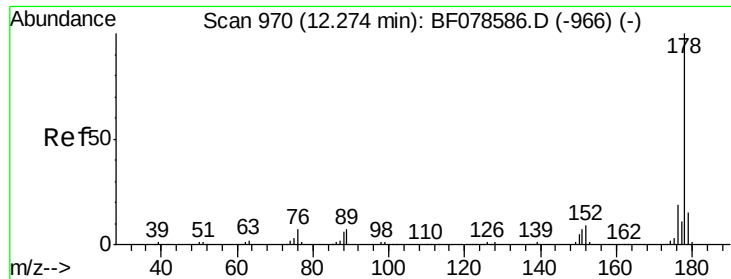
Acq: 21 Apr 2015 19:03

Tgt Ion:	188	Resp:	145851
Ion Ratio	Lower	Upper	
188	100		
94	9.9	9.0	13.4
80	10.8	9.5	14.3



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





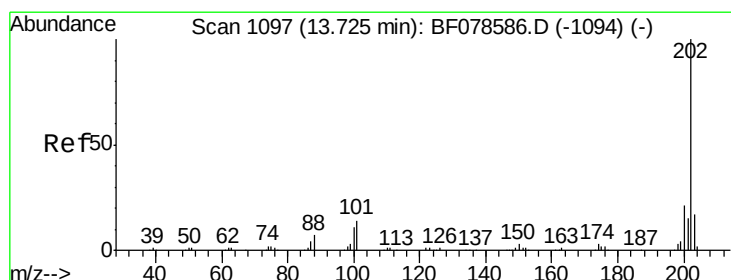
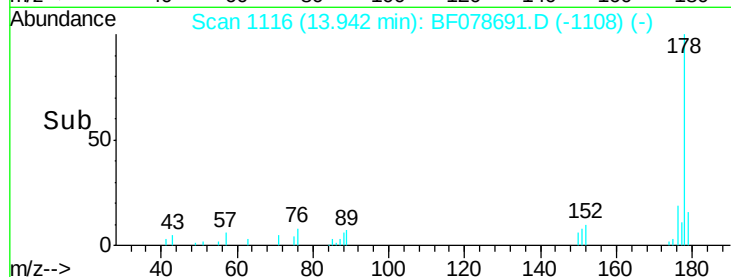
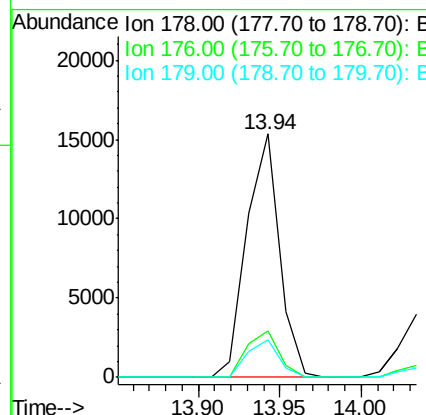
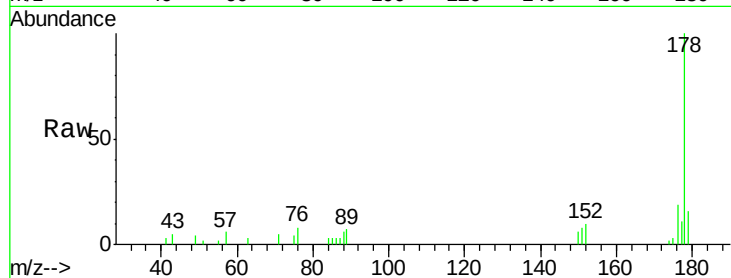
#70
Phenanthrene
Concen: 2.53 ng
RT: 13.94 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Instrument :
BNA_F
ClientSampleId :
SB-67S

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.6	12.2	18.2

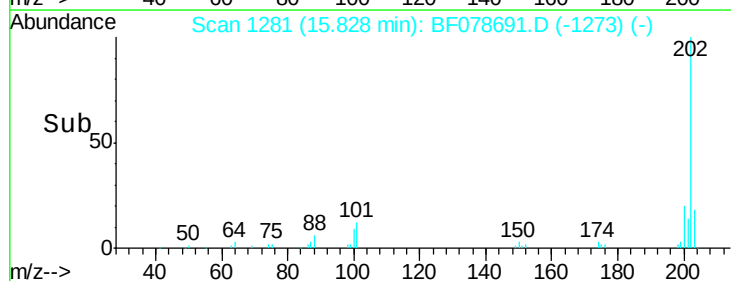
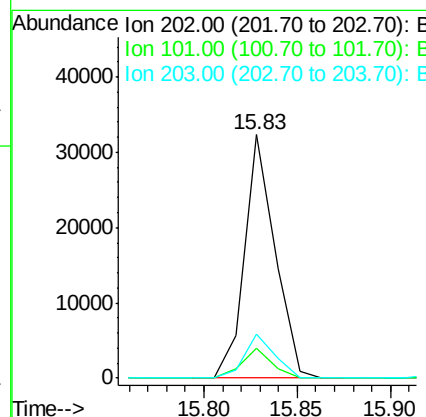
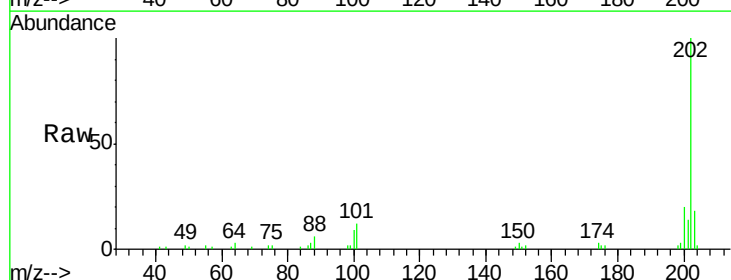
Manual Integrations
APPROVED

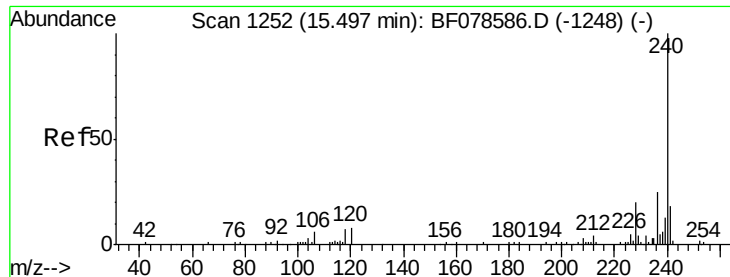
apatel
4/22/2015 5:22:17 PM



#74
Fluoranthene
Concen: 4.12 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	35.2
203	18.2	0.0	38.5





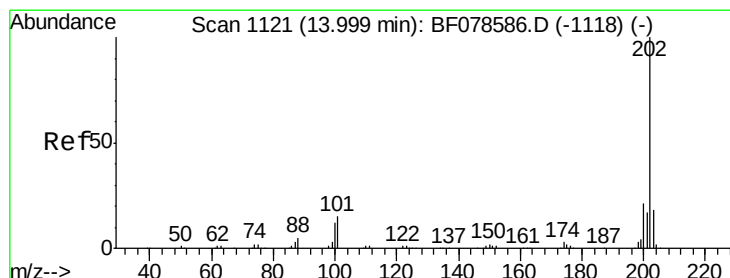
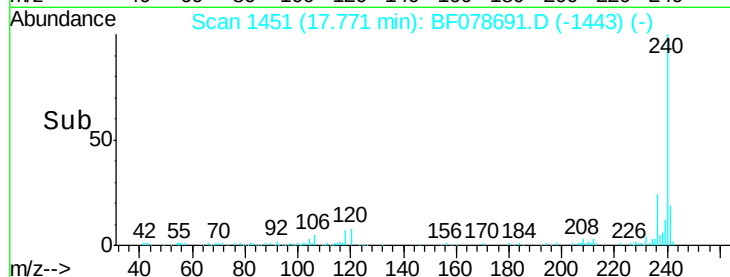
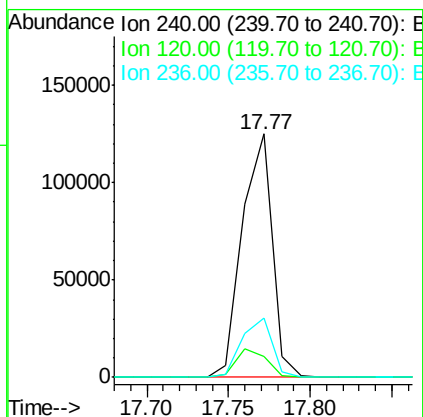
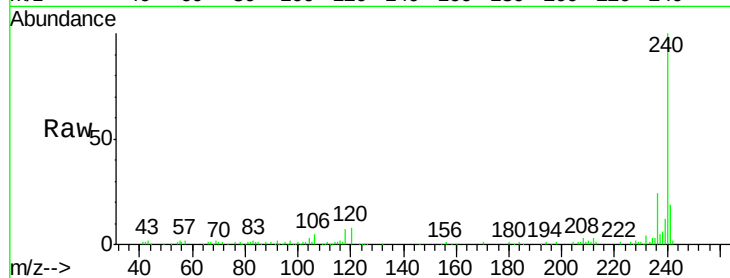
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Instrument :
BNA_F
ClientSampleId :
SB-67S

Tot Ion	Ratio	Resp	Lower	Upper
240	100	159616		
120	8.5	7.1	10.7	
236	24.5	21.4	32.2	

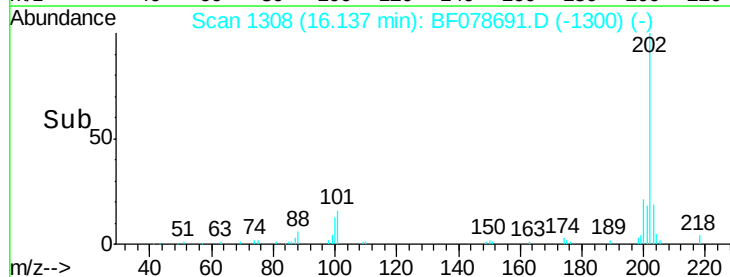
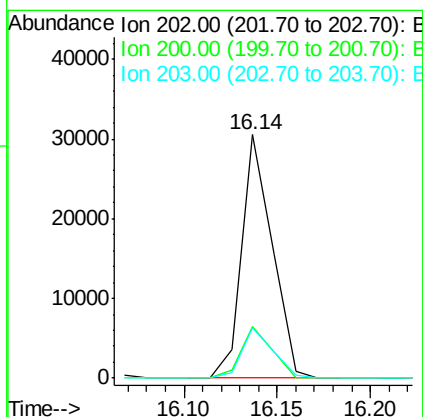
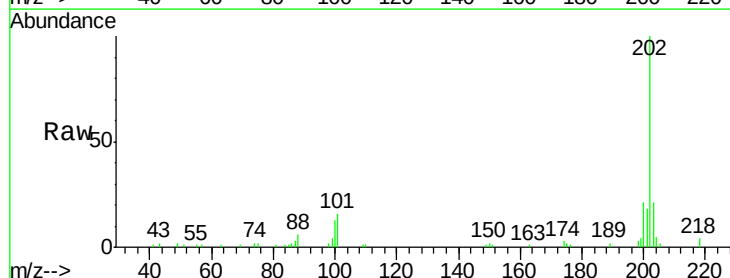
Manual Integrations
APPROVED

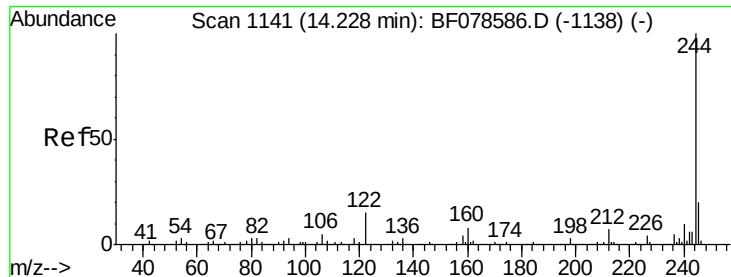
apatel
4/22/2015 5:22:17 PM



#77
Pyrene
Concen: 3.45 ng
RT: 16.14 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	34573		
200	21.0	16.3	24.5	
203	20.7	13.8	20.6	





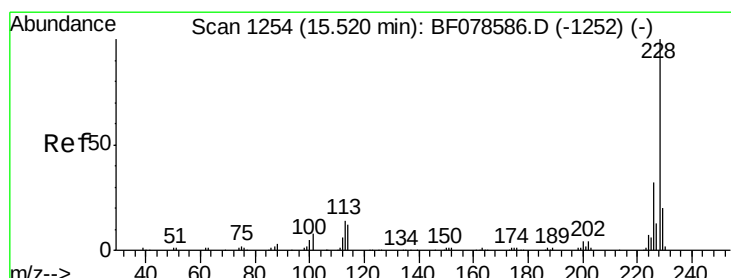
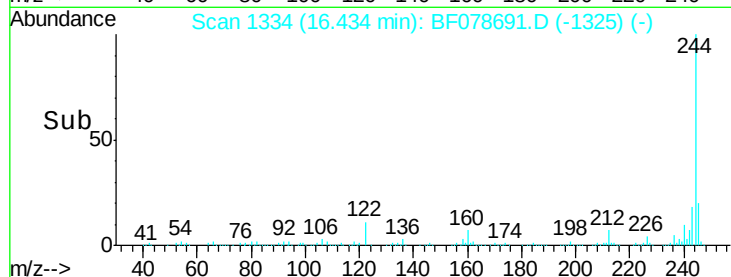
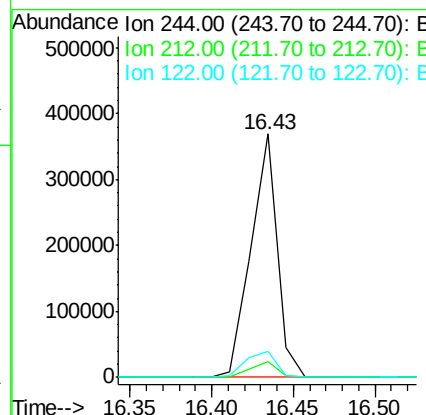
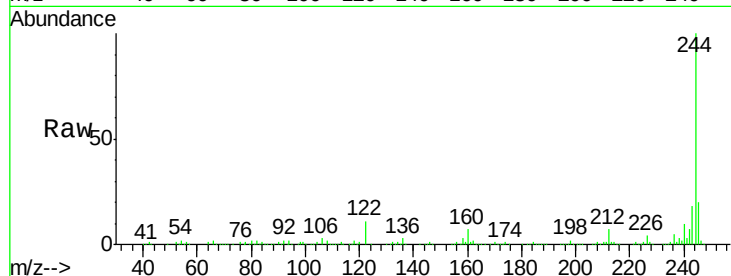
#78
 Terphenyl-d14
 Concen: 58.30 ng
 RT: 16.43 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF078691.D
 Acq: 21 Apr 2015 19:03

Instrument :
 BNA_F
 ClientSampled :
 SB-67S

Tot Ion:	244	Resp:	411815
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.0	7.4
122	10.7	7.1	10.7

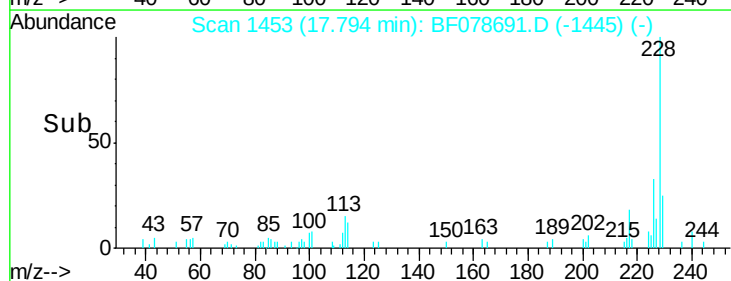
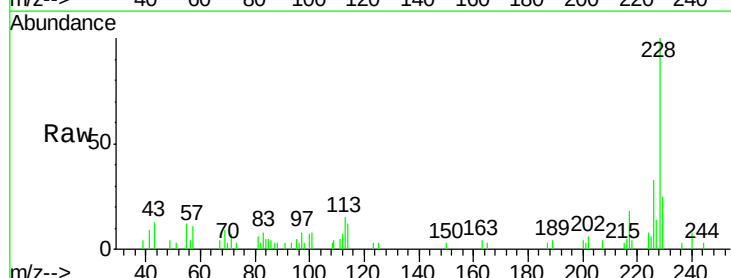
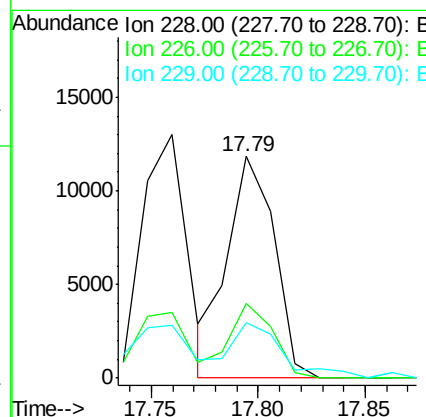
Manual Integrations
 APPROVED

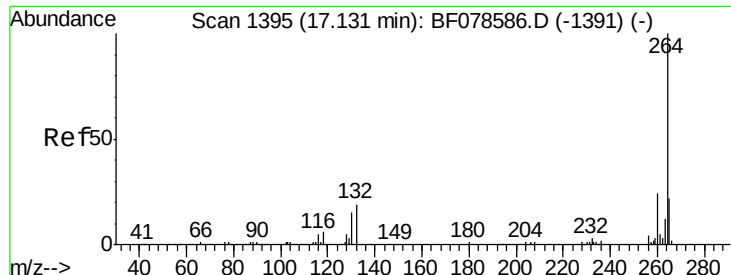
apatel
 4/22/2015 5:22:17 PM



#82
 Chrysene
 Concen: 2.04 ng m
 RT: 17.79 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF078691.D
 Acq: 21 Apr 2015 19:03

Tgt Ion:	228	Resp:	18182
Ion Ratio		Lower	Upper
228	100		
226	33.4	24.2	36.4
229	25.3	15.8	23.8#





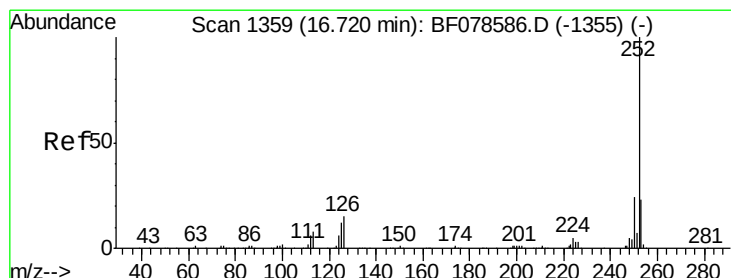
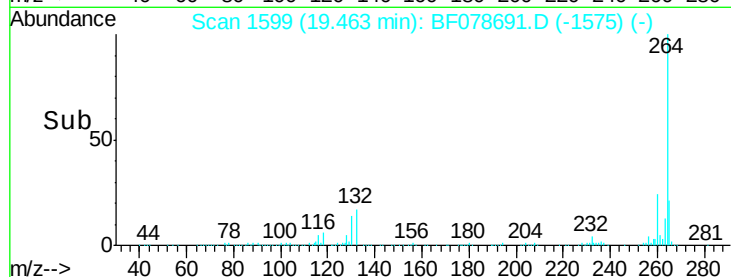
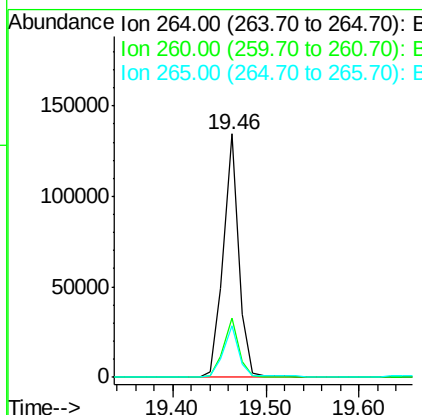
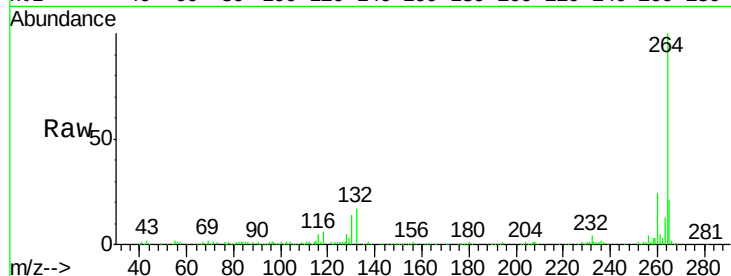
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.46 min Scan# 1599
Delta R.T. -0.02 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Instrument :
BNA_F
ClientSampleId :
SB-67S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.2	17.0	25.6

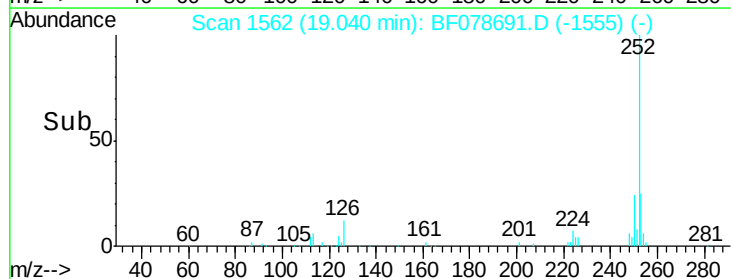
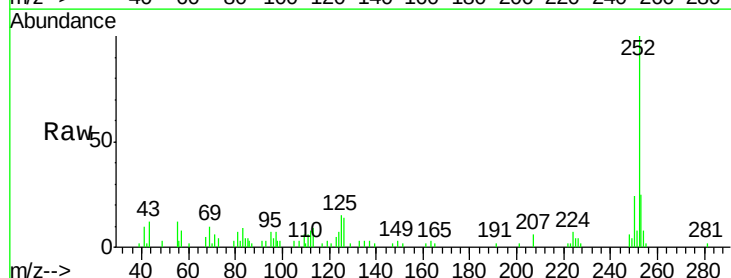
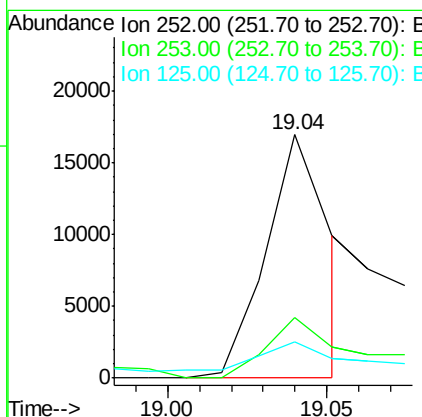
Manual Integrations
APPROVED

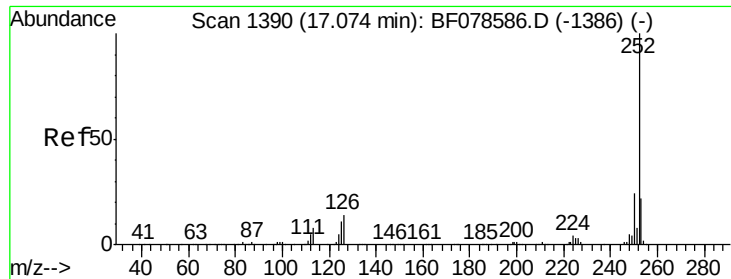
apatel
4/22/2015 5:22:17 PM



#87
Benzo(b)fluoranthene
Concen: 2.42 ng m
RT: 19.04 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF078691.D
Acq: 21 Apr 2015 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	14.8	7.0	10.4





#89
 Benzo(a)pyrene
 Concen: 2.13 ng
 RT: 19.39 min Scan# 1593
 Delta R.T. -0.03 min
 Lab File: BF078691.D
 Acq: 21 Apr 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-67S

Tot Ion	Ion	Ratio	Resp Lower	Upper
252	100			
253	25.4	16.8	25.2#	
125	15.7	7.4	11.0#	

Manual Integrations
 APPROVED

apatel
 4/22/2015 5:22:17 PM

