

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078426.D
 Acq On : 11 Apr 2015 6:31
 Operator : TP/IZ
 Sample : G1793-22
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10S

Manual Integrations
 APPROVED

apatel
 4/13/2015 4:17:19 PM

Quant Time: Apr 13 01:50:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 01:36:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	35600	20.00	ng	0.01
21) Naphthalene-d8	8.44	136	155776	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	79221	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	164196	20.00	ng	0.00
75) Chrysene-d12	15.68	240	172196	20.00	ng	0.00
86) Perylene-d12	17.36	264	171495	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	272682	126.29	ng	0.02
7) Phenol-d6	6.46	99	353896	130.78	ng	0.01
23) Nitrobenzene-d5	7.56	82	216534	84.25	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	100836	153.47	ng	0.01
44) 2-Fluorobiphenyl	9.78	172	424459	76.59	ng	0.00
78) Terphenyl-d14	14.41	244	501620	65.83	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.49	94	10541	3.25	ng	91
49) Dimethylphthalate	10.29	163	29257	4.92	ng	98
74) Fluoranthene	13.92	202	83421	8.33	ng	90
77) Pyrene	14.19	202	83196	7.70	ng	97
80) Benzo(a)anthracene	15.67	228	64590m	6.30	ng	
82) Chrysene	15.71	228	55535	5.77	ng	97
83) Bis(2-ethylhexyl)phthalate	15.76	149	49855	7.72	ng	# 96
85) Indeno(1,2,3-cd)pyrene	18.59	276	50624m	4.63	ng	
87) Benzo(b)fluoranthene	16.93	252	91674m	8.65	ng	
88) Benzo(k)fluoranthene	16.96	252	35215m	3.74	ng	
89) Benzo(a)pyrene	17.30	252	65119	7.04	ng	# 95
91) Benzo(g,h,i)perylene	18.95	276	48467	5.22	ng	96

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

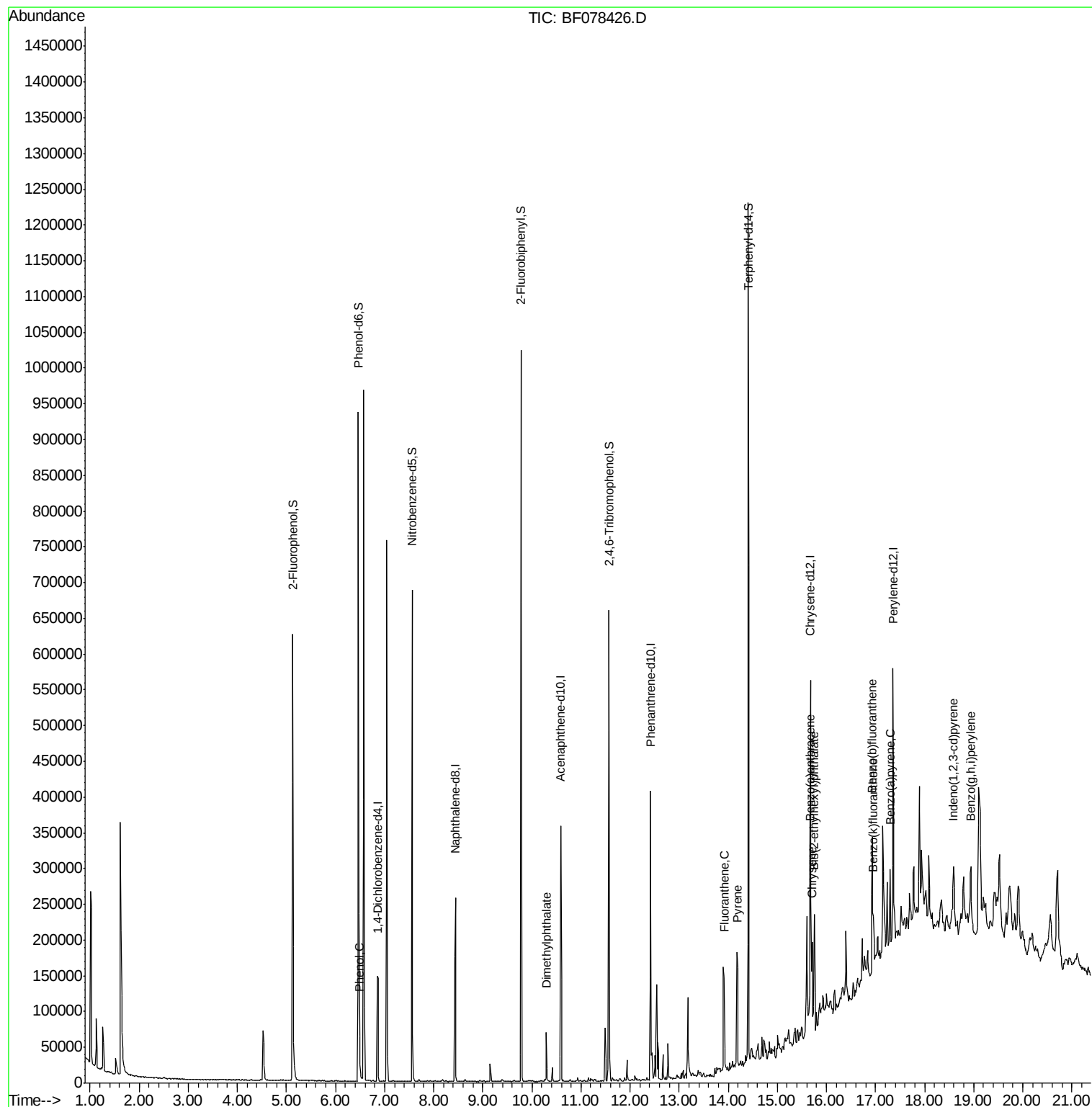
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078426.D
Acq On : 11 Apr 2015 6:31
Operator : TP/IZ
Sample : G1793-22
Misc :
ALS Vial : 24 Sample Multiplier: 1

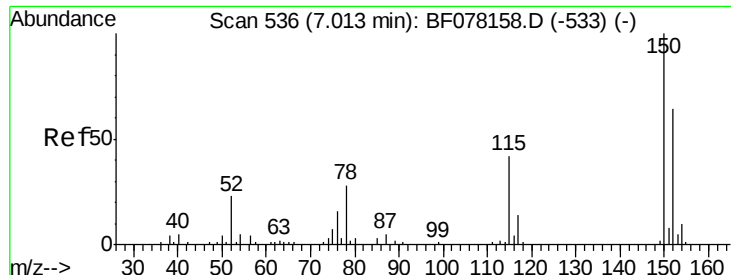
Instrument :
BNA_F
ClientSampleId :
SB-10S

Manual Integrations
APPROVED

apatel
4/13/2015 4:17:19 PM

Quant Time: Apr 13 01:50:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 01:36:32 2015
Response via : Initial Calibration





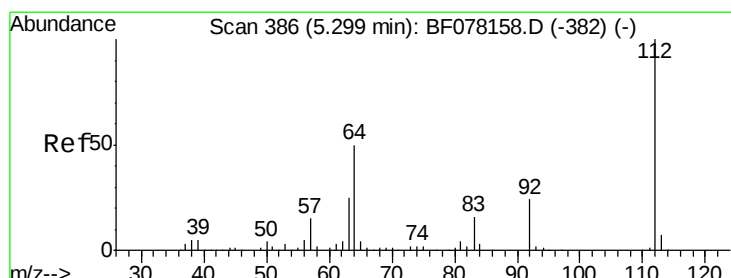
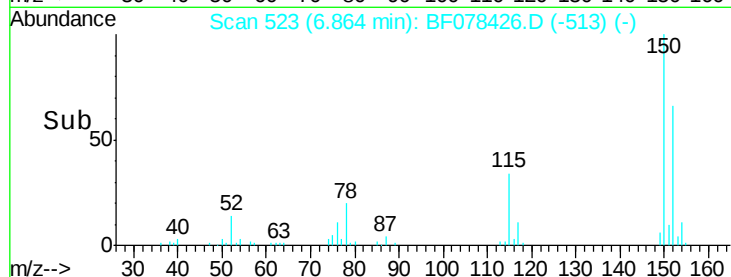
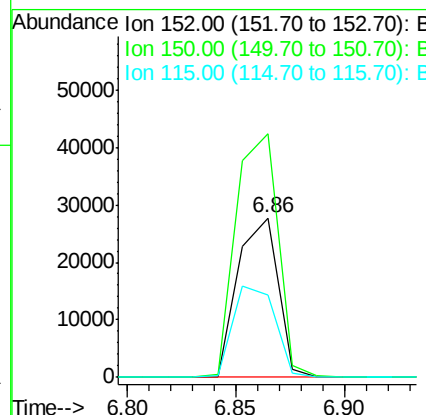
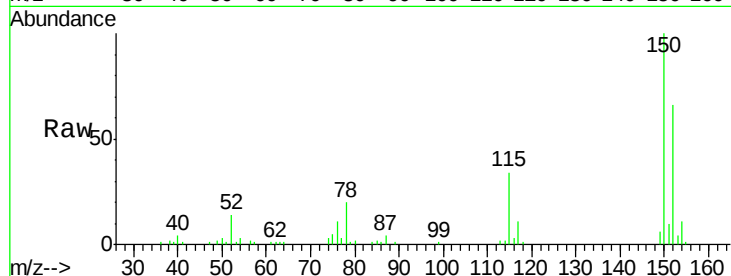
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: BF078426.D
 Acq: 11 Apr 2015 6:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-10S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.6	125.9	188.9
115	51.3	52.7	79.1#

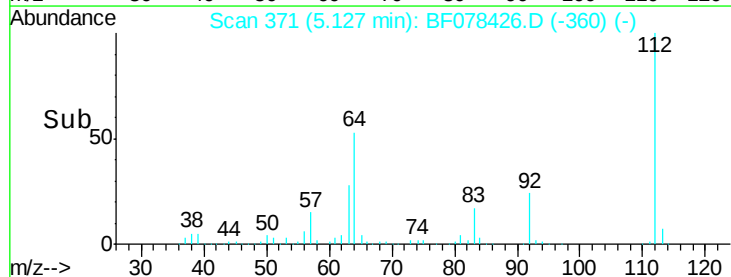
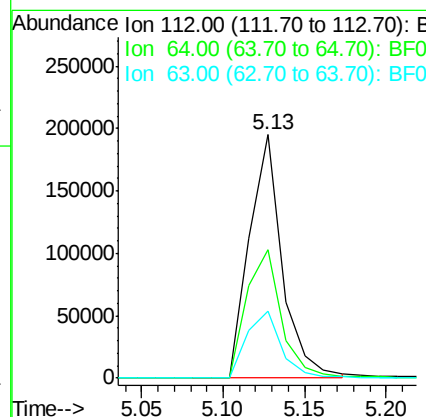
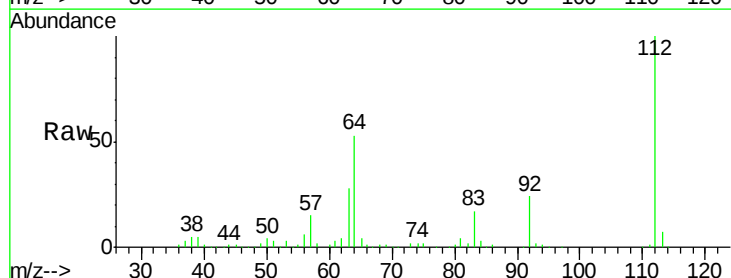
Manual Integrations
 APPROVED

apatel
 4/13/2015 4:17:19 PM



#5
 2-Fluorophenol
 Concen: 126.29 ng
 RT: 5.13 min Scan# 371
 Delta R.T. 0.02 min
 Lab File: BF078426.D
 Acq: 11 Apr 2015 6:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	39.9	59.9
63	27.5	20.2	30.4





#7

Phenol-d6

Concen: 130.78 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF078426.D

Acq: 11 Apr 2015 6:31

Instrument :

BNA_F

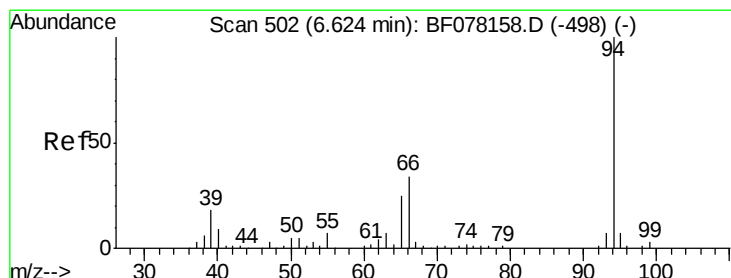
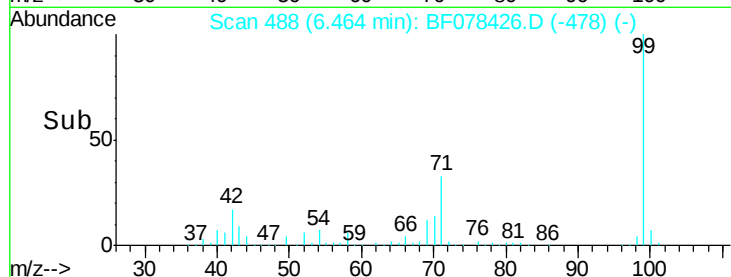
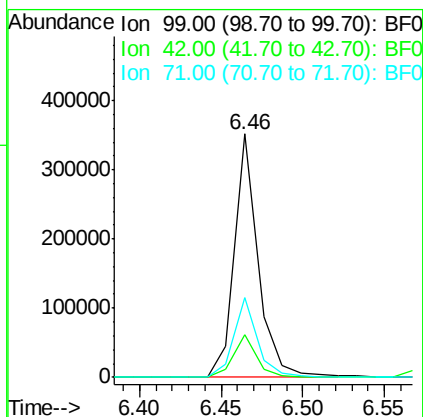
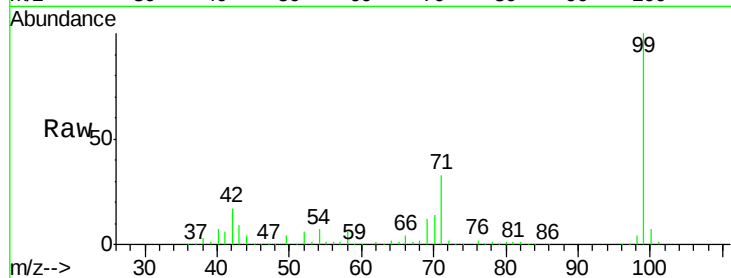
ClientSampleId :

SB-10S

Tgt Ion:	99	Resp:	353896
Ion Ratio	Lower	Upper	
99	100		
42	17.4	14.8	22.2
71	32.7	26.6	39.8

Manual Integrations
APPROVED

apatel
4/13/2015 4:17:19 PM



#10

Phenol

Concen: 3.25 ng

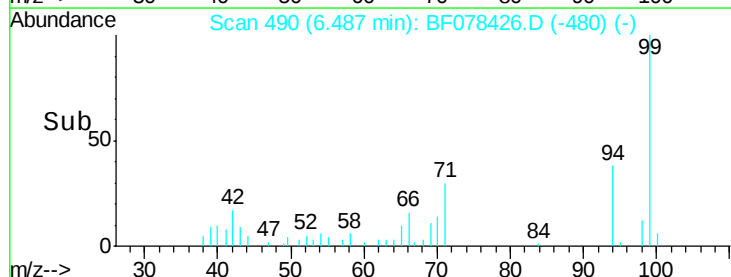
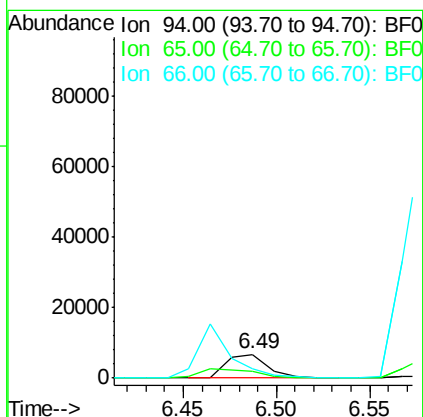
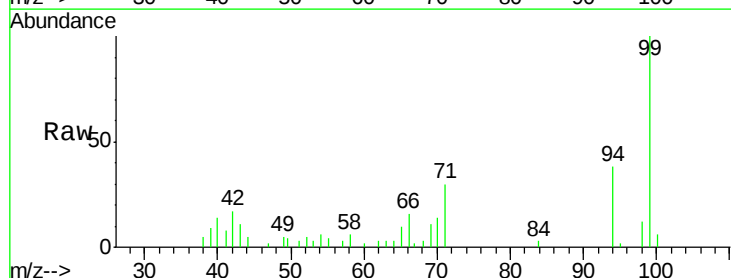
RT: 6.49 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF078426.D

Acq: 11 Apr 2015 6:31

Tgt Ion:	94	Resp:	10541
Ion Ratio	Lower	Upper	
94	100		
65	25.9	4.9	44.9
66	41.6	13.8	53.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.44 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF078426.D

Acq: 11 Apr 2015 6:31

Instrument :

BNA_F

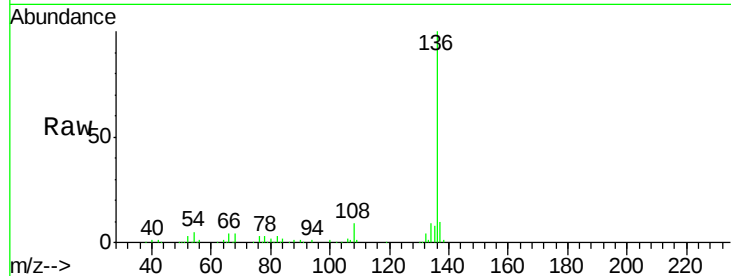
ClientSampleId :

SB-10S

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		155776		
137	9.9	9.0	13.4		
54	5.3	7.0	10.6		
68	4.4	5.4	8.2		

Manual Integrations
APPROVED

apatel
4/13/2015 4:17:19 PM

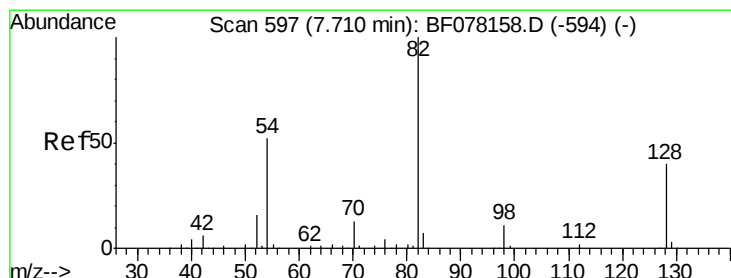
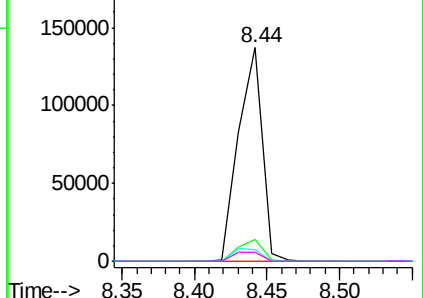
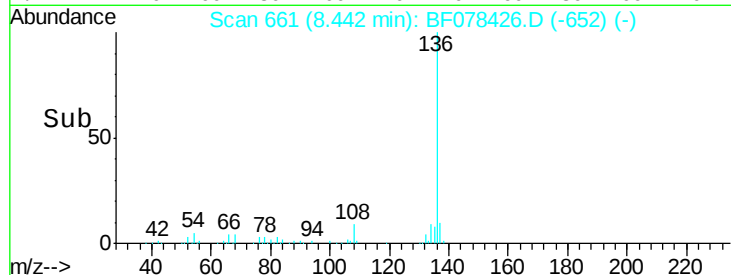


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 84.25 ng

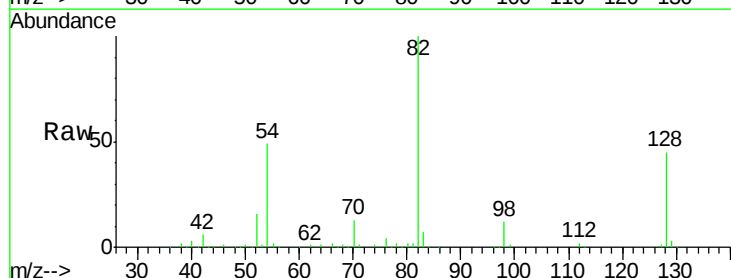
RT: 7.56 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF078426.D

Acq: 11 Apr 2015 6:31

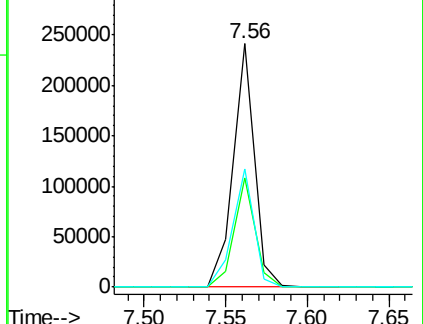
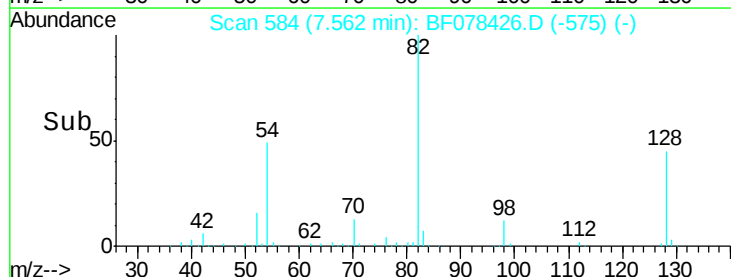
Tgt	Ion	Ratio	Resp	Lower	Upper
82	100		216534		
128	44.6	31.8	47.8		
54	48.6	41.5	62.3		

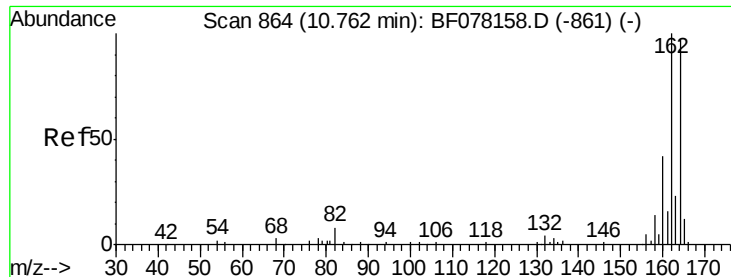


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078426.D

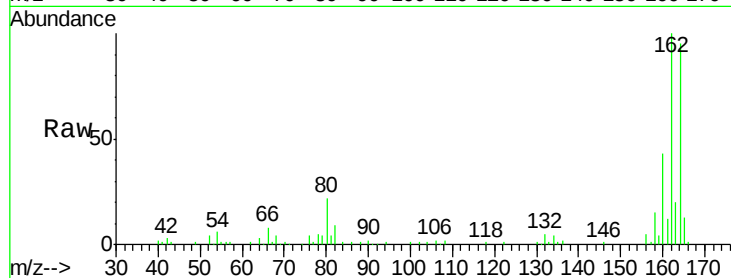
Acq: 11 Apr 2015 6:31

Instrument :

BNA_F

ClientSampleID :

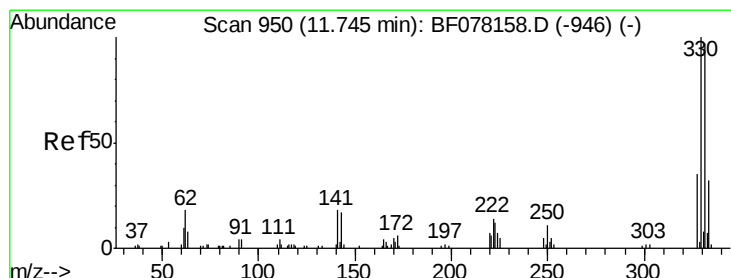
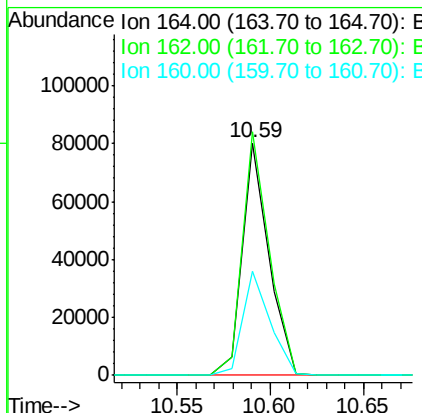
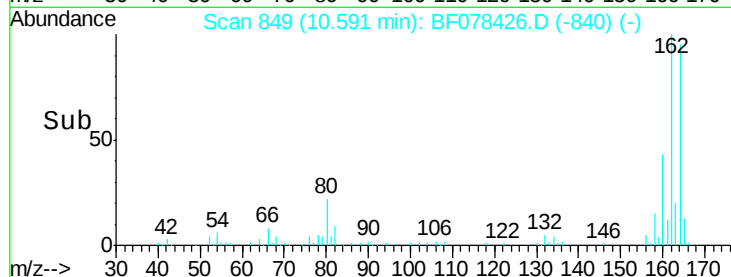
SB-10S



Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.2	123.2
160	44.8	34.7	52.1

Manual Integrations
APPROVED

apatel
4/13/2015 4:17:19 PM



#41

2,4,6-Tribromophenol

Concen: 153.47 ng

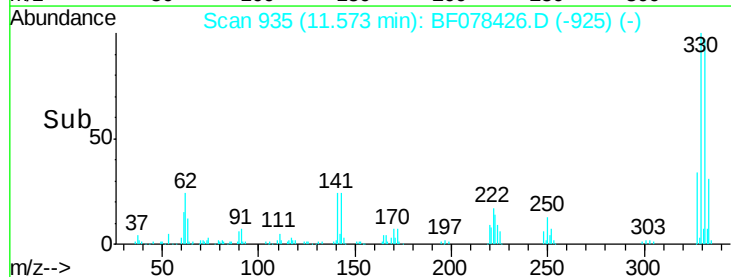
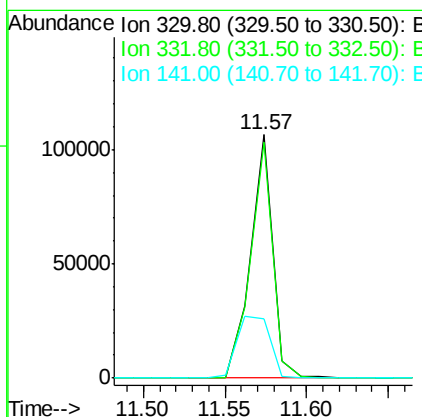
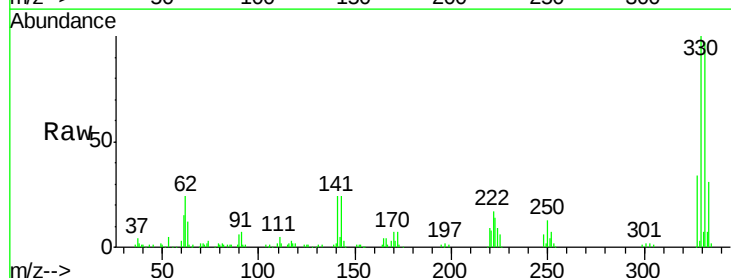
RT: 11.57 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF078426.D

Acq: 11 Apr 2015 6:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.6	117.8
141	37.6	31.2	46.8





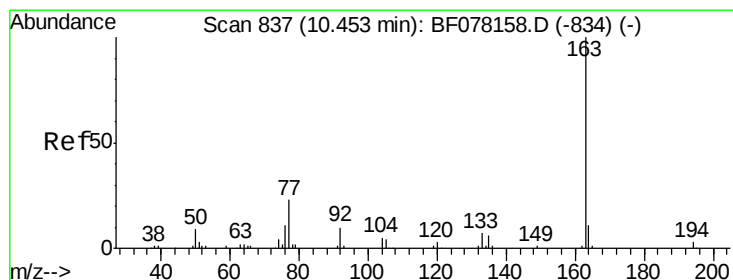
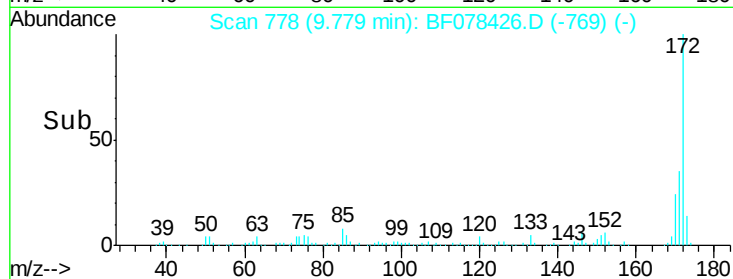
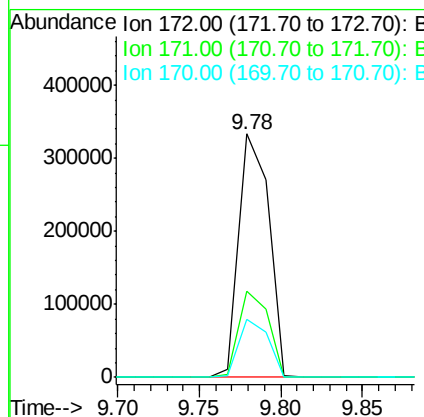
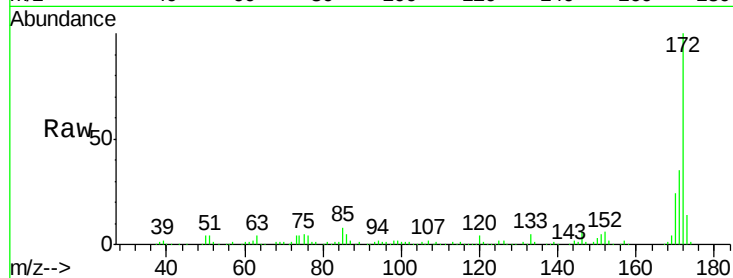
#44
 2-Fluorobiphenyl
 Concen: 76.59 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF078426.D
 Acq: 11 Apr 2015 6:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-10S

Tgt Ion:	172	Resp:	424459
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.6	42.8
170	23.9	18.5	27.7

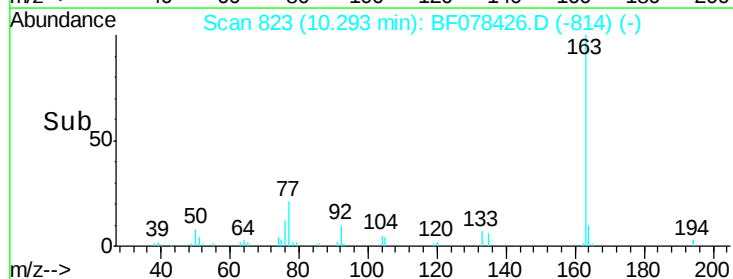
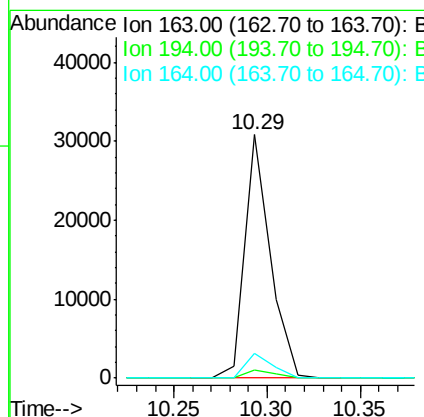
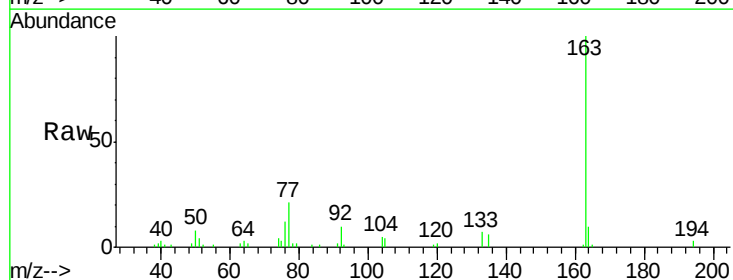
Manual Integrations
 APPROVED

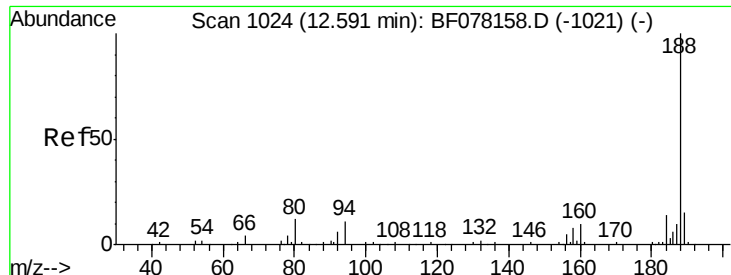
apatel
 4/13/2015 4:17:19 PM



#49
 Dimethylphthalate
 Concen: 4.92 ng
 RT: 10.29 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF078426.D
 Acq: 11 Apr 2015 6:31

Tgt Ion:	163	Resp:	29257
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.3	3.5
164	9.9	8.6	13.0





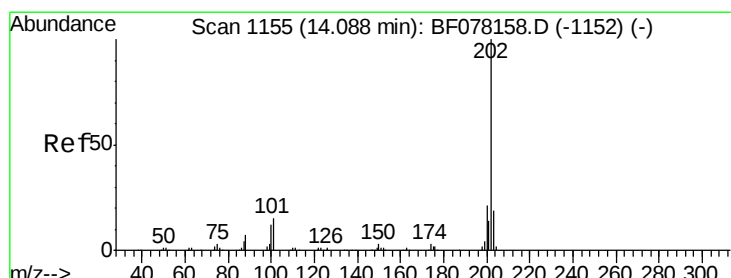
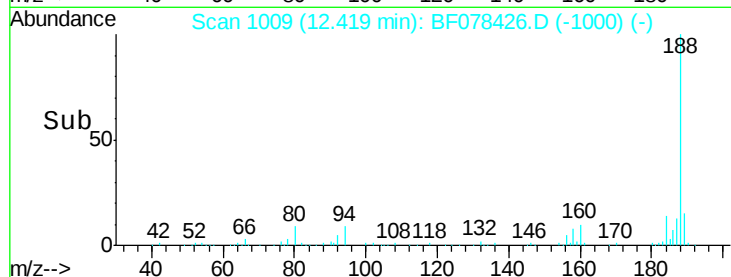
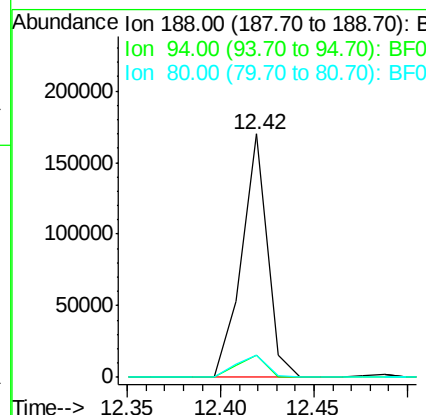
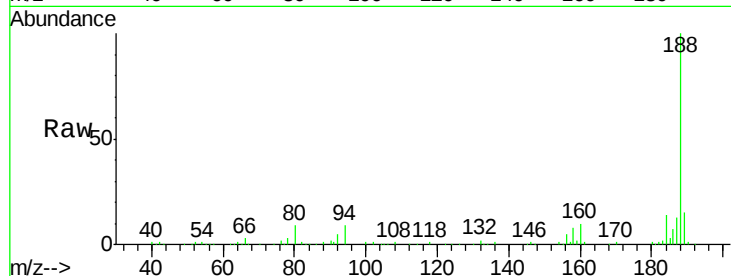
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Instrument :
BNA_F
ClientSampleId :
SB-10S

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.9	9.0	13.4#
80	9.1	9.5	14.3#

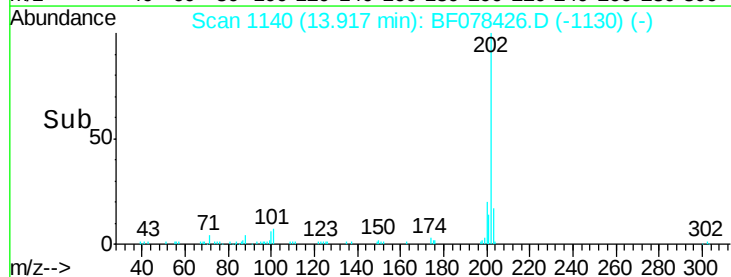
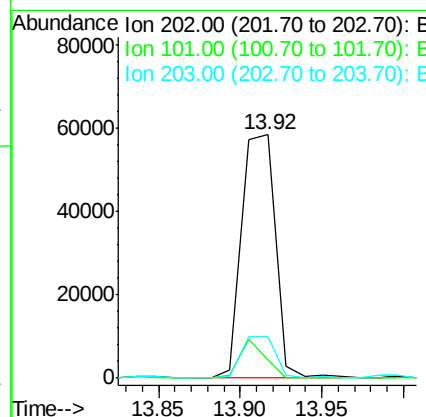
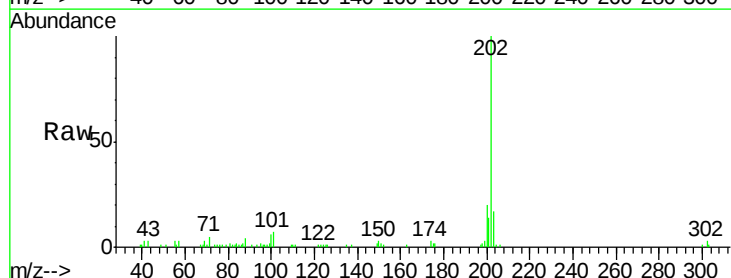
Manual Integrations
APPROVED

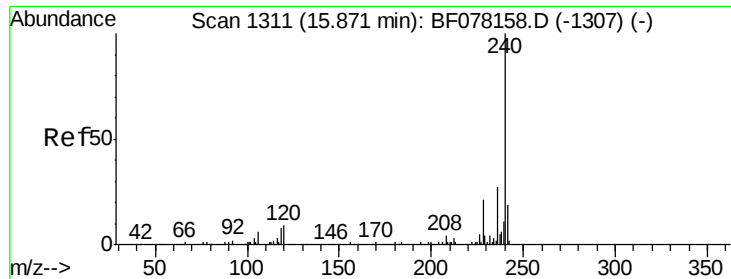
apatel
4/13/2015 4:17:19 PM



#74
Fluoranthene
Concen: 8.33 ng
RT: 13.92 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF078426.D
Acq: 11 Apr 2015 6:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.4	0.0	35.2
203	16.9	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.68 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF078426.D

Acq: 11 Apr 2015 6:31

Instrument :

BNA_F

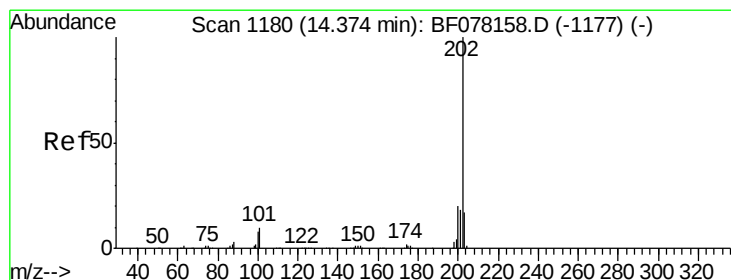
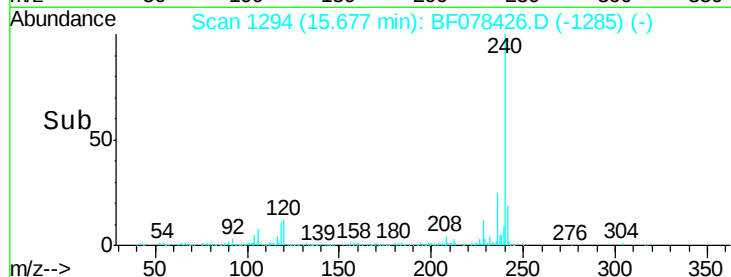
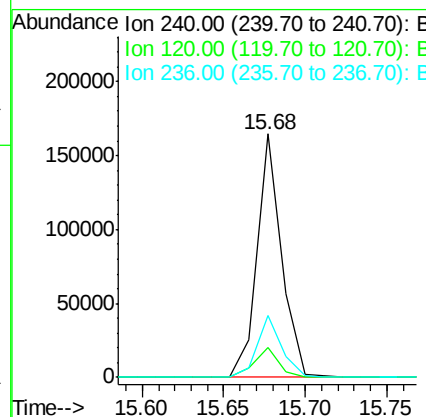
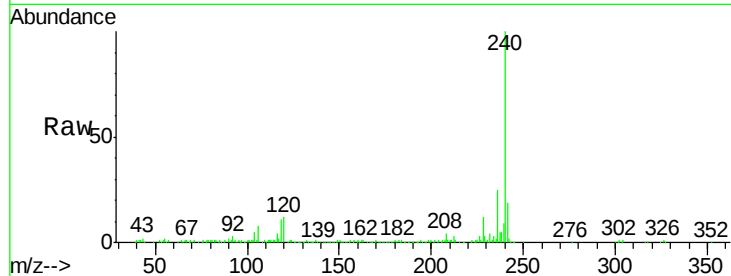
ClientSampleId :

SB-10S

Tgt Ion:	240	Resp:	172196
Ion Ratio	Lower	Upper	
240	100		
120	12.3	7.1	10.7#
236	25.4	21.4	32.2

Manual Integrations
APPROVED

apatel
4/13/2015 4:17:19 PM



#77

Pyrene

Concen: 7.70 ng

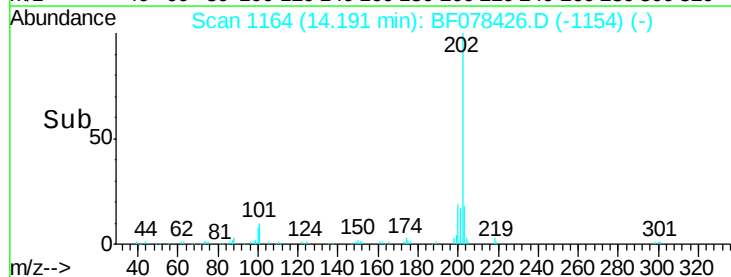
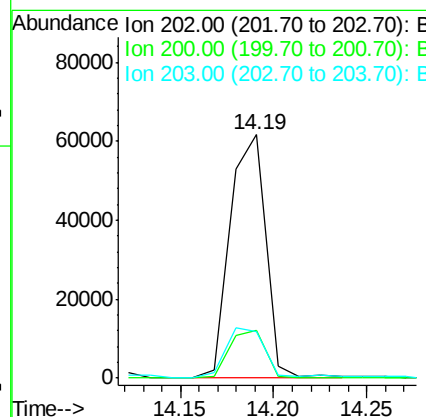
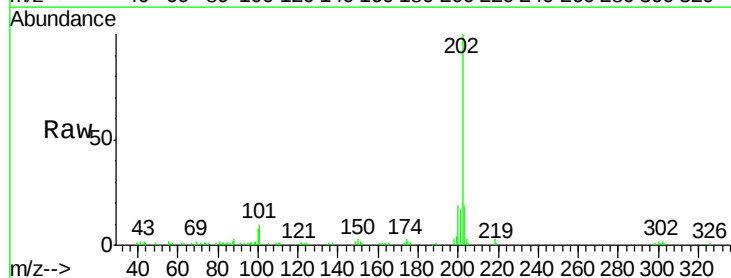
RT: 14.19 min Scan# 1164

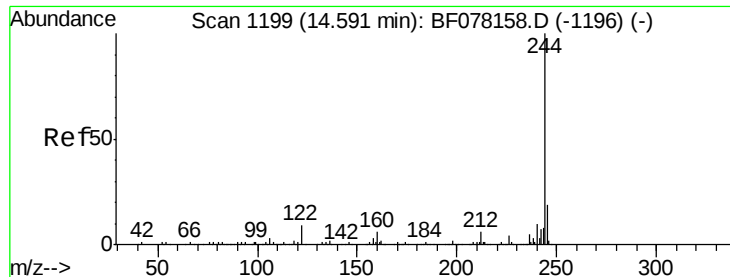
Delta R.T. 0.01 min

Lab File: BF078426.D

Acq: 11 Apr 2015 6:31

Tgt Ion:	202	Resp:	83196
Ion Ratio	Lower	Upper	
202	100		
200	19.5	16.3	24.5
203	19.0	13.8	20.6





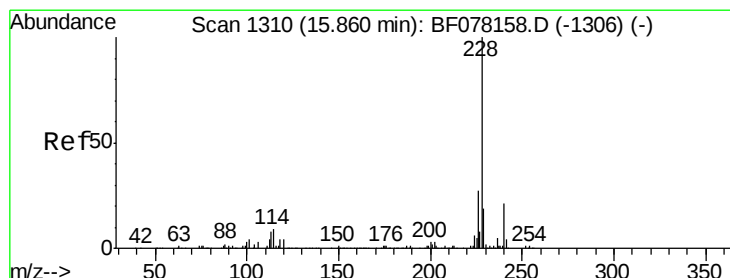
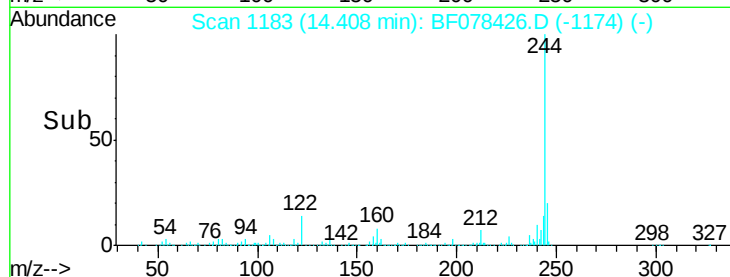
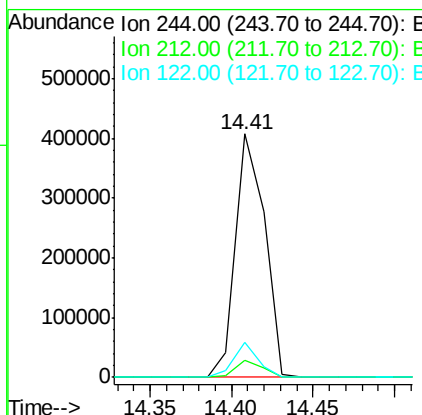
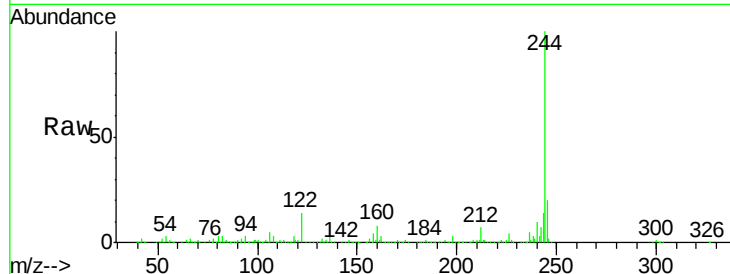
#78
 Terphenyl-d14
 Concen: 65.83 ng
 RT: 14.41 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF078426.D
 Acq: 11 Apr 2015 6:31

Instrument :
 BNA_F
 ClientSampled :
 SB-10S

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	5.0	7.4
122	14.2	7.1	10.7#

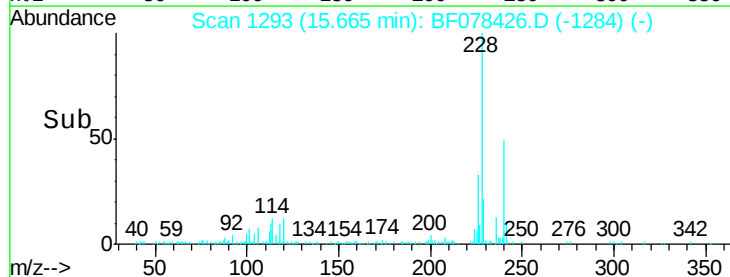
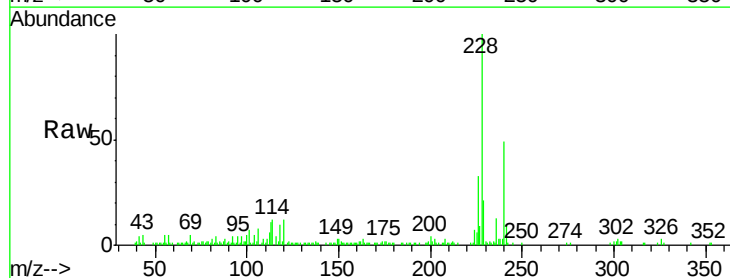
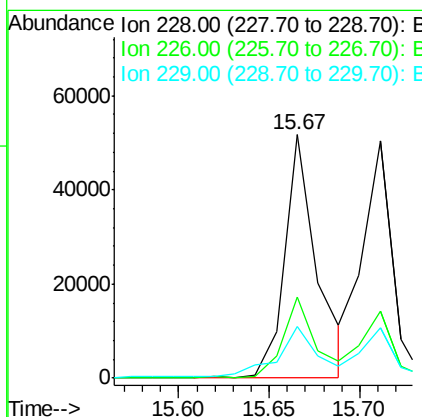
Manual Integrations
 APPROVED

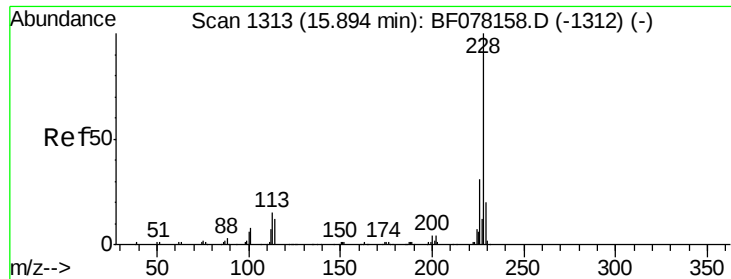
apatel
 4/13/2015 4:17:19 PM



#80
 Benzo(a)anthracene
 Concen: 6.30 ng m
 RT: 15.67 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF078426.D
 Acq: 11 Apr 2015 6:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	33.3	21.3	31.9#
229	21.3	15.4	23.2





#82

Chrysene

Concen: 5.77 ng

RT: 15.71 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF078426.D

Acq: 11 Apr 2015 6:31

Instrument :

BNA_F

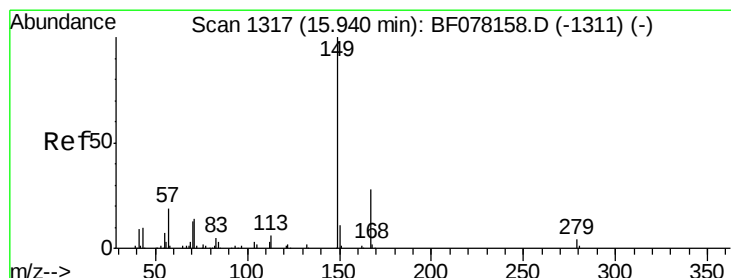
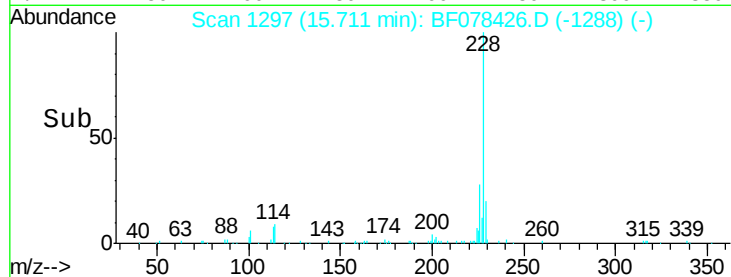
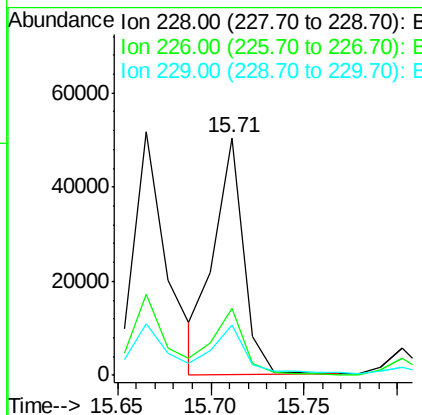
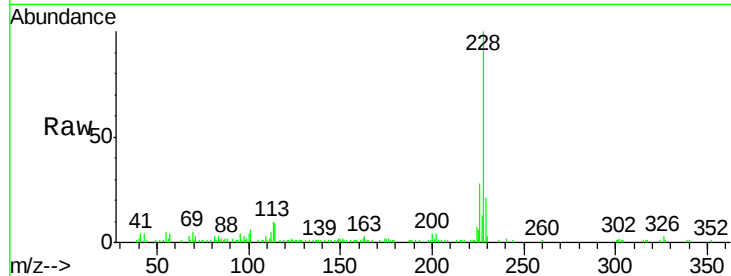
ClientSampleId :

SB-10S

Tgt Ion:	228	Resp:	55535
Ion Ratio	Lower	Upper	
228	100		
226	28.4	24.2	36.4
229	21.0	15.8	23.8

Manual Integrations
APPROVED

apatel
4/13/2015 4:17:19 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 7.72 ng

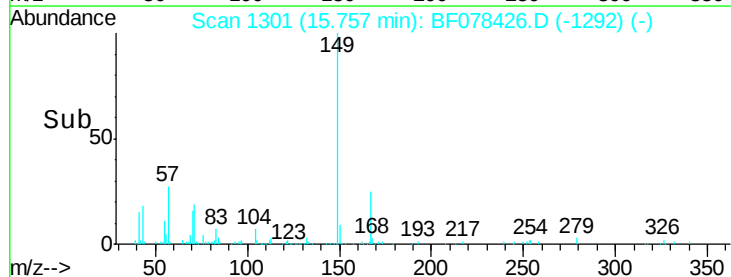
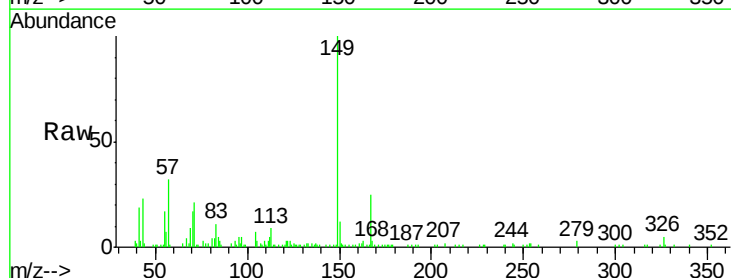
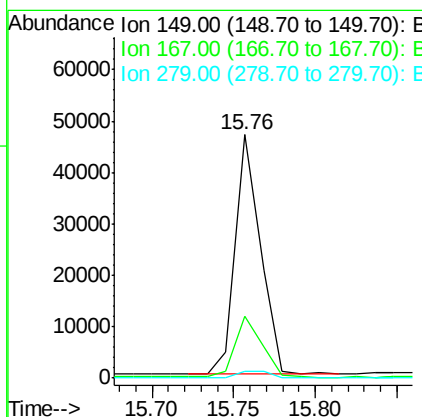
RT: 15.76 min Scan# 1301

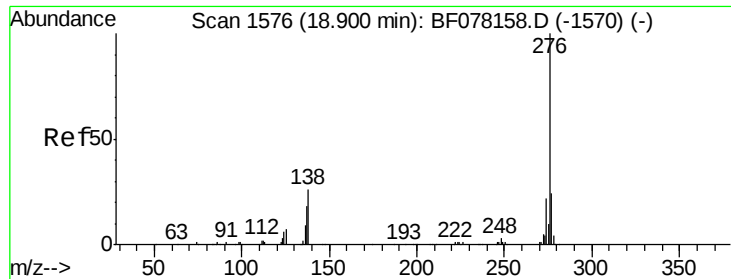
Delta R.T. -0.00 min

Lab File: BF078426.D

Acq: 11 Apr 2015 6:31

Tgt Ion:	149	Resp:	49855
Ion Ratio	Lower	Upper	
149	100		
167	25.4	22.2	33.2
279	2.6	3.2	4.8#





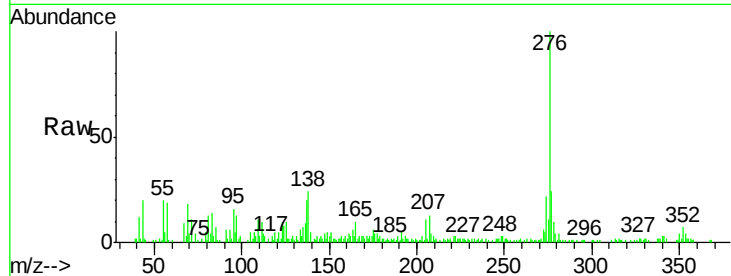
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.63 ng m
 RT: 18.59 min Scan# 1549
 Delta R.T. 0.07 min
 Lab File: BF078426.D
 Acq: 11 Apr 2015 6:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-10S

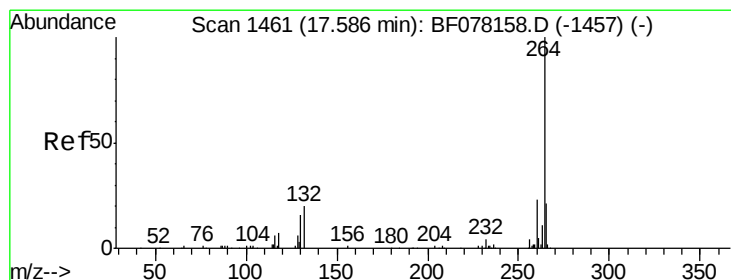
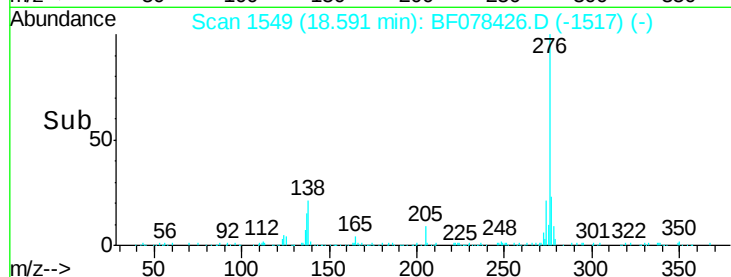
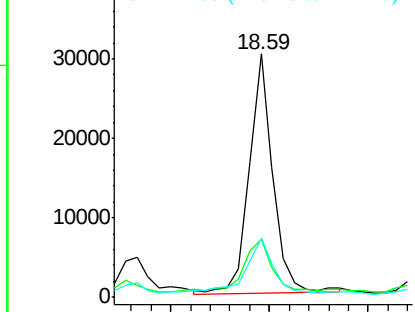
Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.1	16.9	25.3#
277	5.5	15.8	23.6#

Manual Integrations
 APPROVED

apatel
 4/13/2015 4:17:19 PM

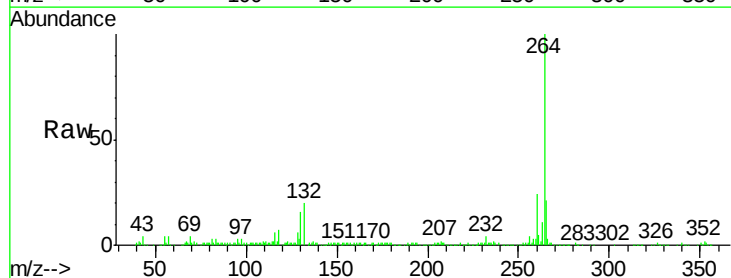


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

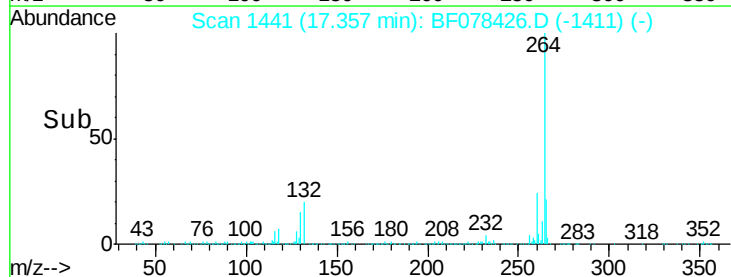
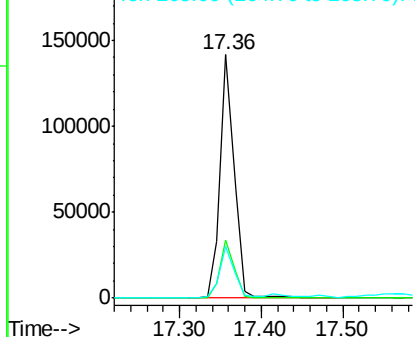


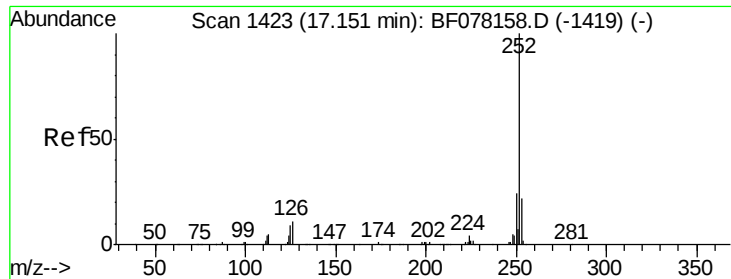
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.36 min Scan# 1441
 Delta R.T. 0.05 min
 Lab File: BF078426.D
 Acq: 11 Apr 2015 6:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.1	17.0	25.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 8.65 ng m

RT: 16.93 min Scan# 1404

Delta R.T. 0.02 min

Lab File: BF078426.D

Acq: 11 Apr 2015 6:31

Instrument :

BNA_F

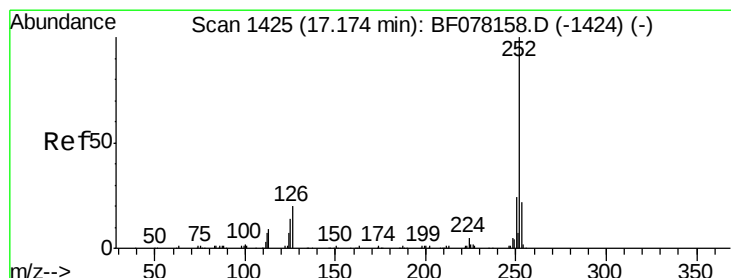
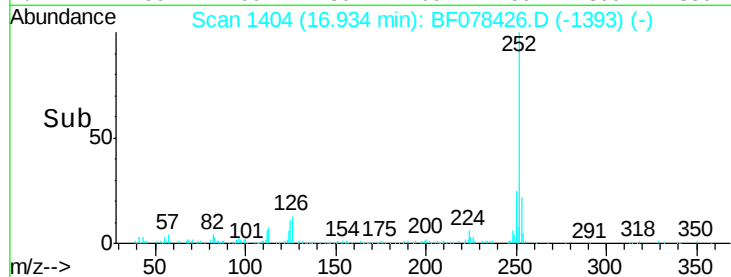
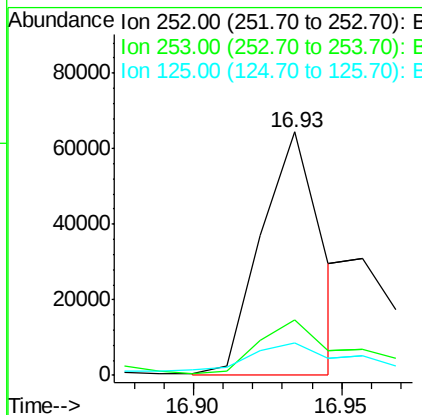
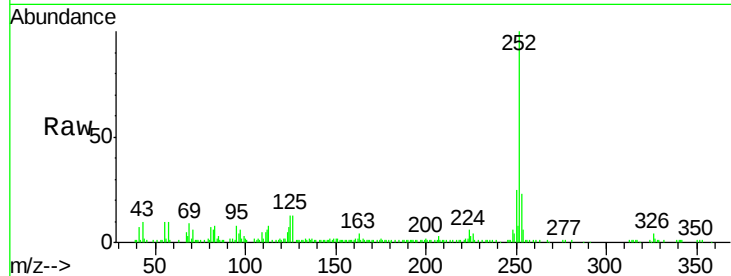
ClientSampleId :

SB-10S

Tgt Ion:	252	Resp:	91674
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.2	25.8
125	13.3	7.0	10.4

Manual Integrations
APPROVED

apatel
4/13/2015 4:17:19 PM



#88

Benzo(k)fluoranthene

Concen: 3.74 ng m

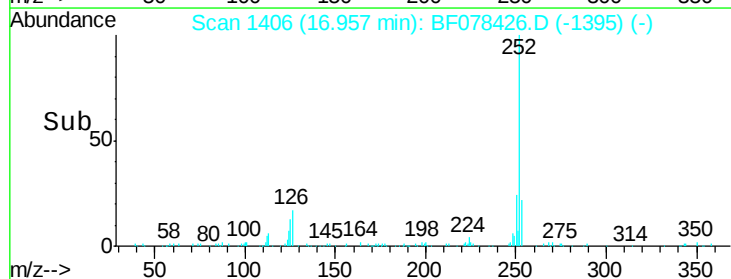
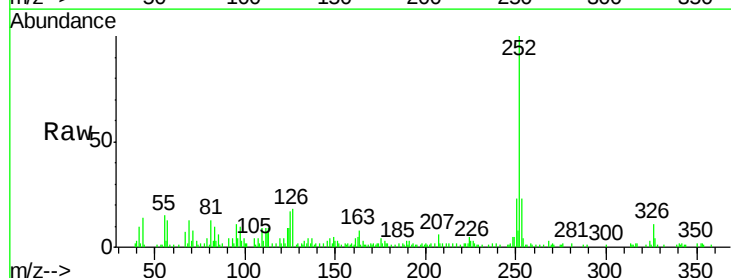
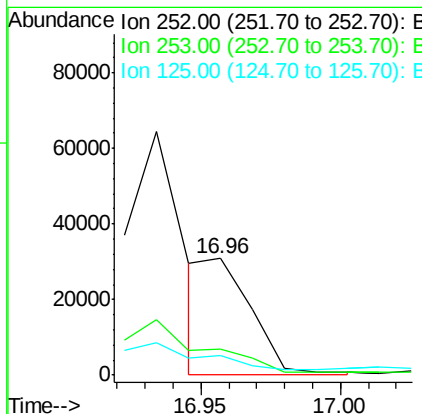
RT: 16.96 min Scan# 1406

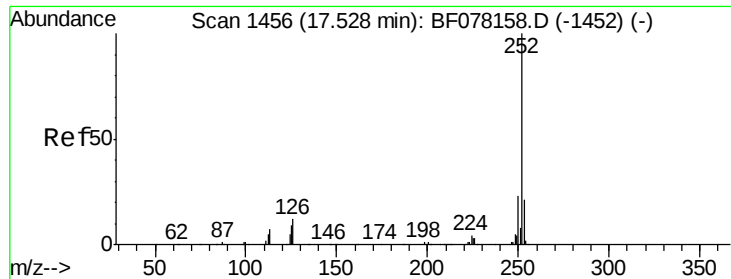
Delta R.T. 0.02 min

Lab File: BF078426.D

Acq: 11 Apr 2015 6:31

Tgt Ion:	252	Resp:	35215
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.5	26.3
125	16.8	11.6	17.4





#89

Benzo(a)pyrene

Concen: 7.04 ng

RT: 17.30 min Scan# 1436

Delta R.T. 0.05 min

Lab File: BF078426.D

Acq: 11 Apr 2015 6:31

Instrument :

BNA_F

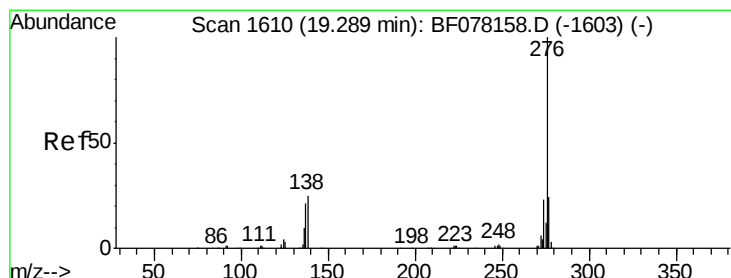
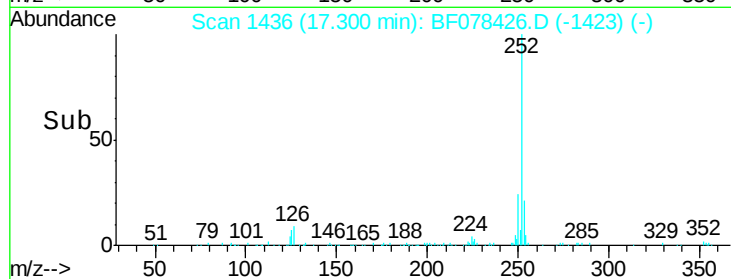
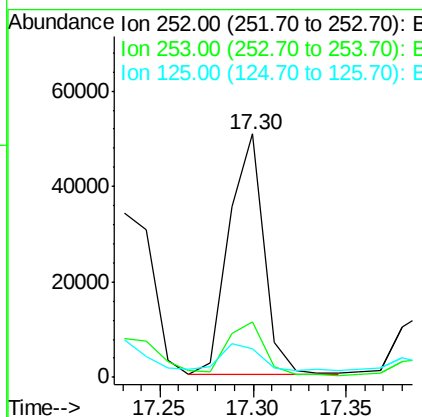
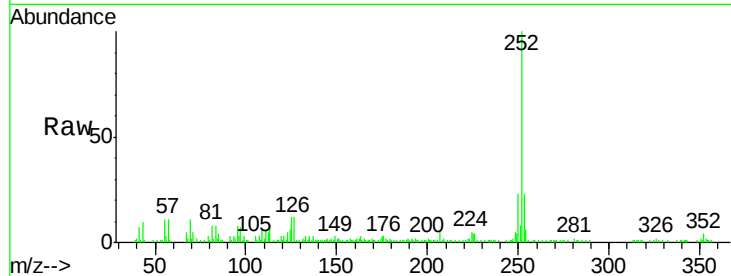
ClientSampleId :

SB-10S

Tgt Ion:	252	Resp:	65119
Ion Ratio	Lower	Upper	
252	100		
253	22.9	16.8	25.2
125	11.6	7.4	11.0#

Manual Integrations
APPROVED

apatel
4/13/2015 4:17:19 PM



#91

Benzo(g,h,i)perylene

Concen: 5.22 ng

RT: 18.95 min Scan# 1580

Delta R.T. 0.07 min

Lab File: BF078426.D

Acq: 11 Apr 2015 6:31

Tgt Ion:	276	Resp:	48467
Ion Ratio	Lower	Upper	
276	100		
277	25.3	19.0	28.4
138	22.8	19.9	29.9

