

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078442.D
 Acq On : 11 Apr 2015 14:10
 Operator : TP/IZ
 Sample : G1793-21
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9S

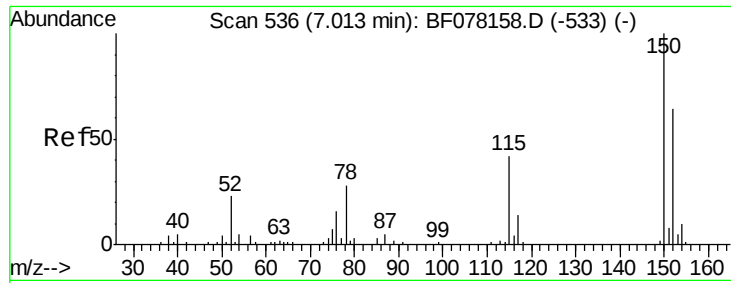
Manual Integrations
 APPROVED

apatel
 4/13/2015 4:19:08 PM

Quant Time: Apr 13 04:31:11 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 02:33:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	38148	20.00	ng	0.01
21) Naphthalene-d8	8.44	136	166759	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	80796	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	167438	20.00	ng	0.00
75) Chrysene-d12	15.69	240	190136	20.00	ng	0.01
86) Perylene-d12	17.38	264	186092	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	200298	86.57	ng	0.02
7) Phenol-d6	6.46	99	266304	91.84	ng	0.01
23) Nitrobenzene-d5	7.56	82	155913	56.67	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	70308	104.92	ng	0.01
44) 2-Fluorobiphenyl	9.79	172	324607	57.43	ng	0.01
78) Terphenyl-d14	14.42	244	386853	45.98	ng	0.01
Target Compounds						Qvalue
10) Phenol	6.49	94	7506	2.16	ng	83
49) Dimethylphthalate	10.29	163	20243	3.33	ng	99
74) Fluoranthene	13.92	202	64221	6.29	ng	94
77) Pyrene	14.19	202	62278	5.22	ng	97
80) Benzo(a)anthracene	15.68	228	73302	6.48	ng	95
82) Chrysene	15.71	228	72335	6.81	ng	98
83) Bis(2-ethylhexyl)phthalate	15.76	149	40369	5.66	ng	# 96
85) Indeno(1,2,3-cd)pyrene	18.61	276	74918m	6.21	ng	
87) Benzo(b)fluoranthene	16.95	252	157381m	13.68	ng	
88) Benzo(k)fluoranthene	16.97	252	29383m	2.87	ng	
89) Benzo(a)pyrene	17.31	252	90981	9.06	ng	# 94
91) Benzo(g,h,i)perylene	18.97	276	72460m	7.19	ng	

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



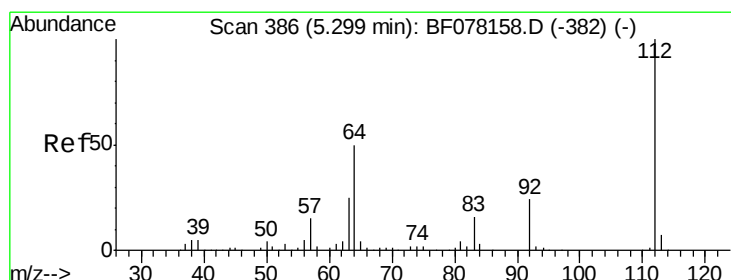
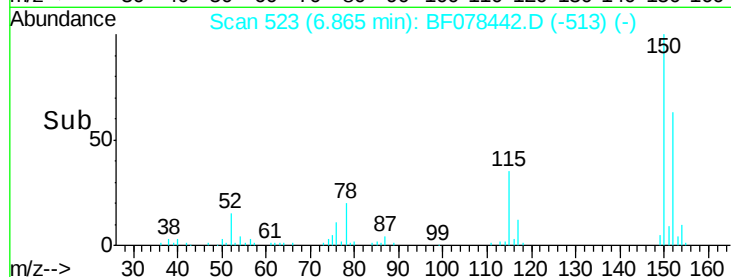
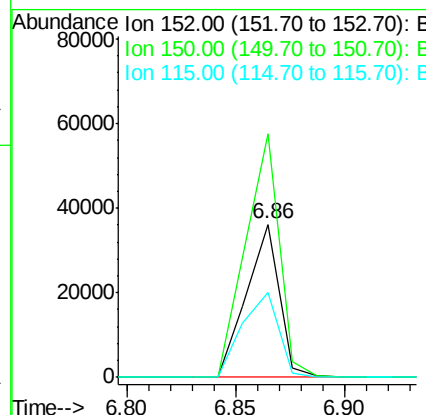
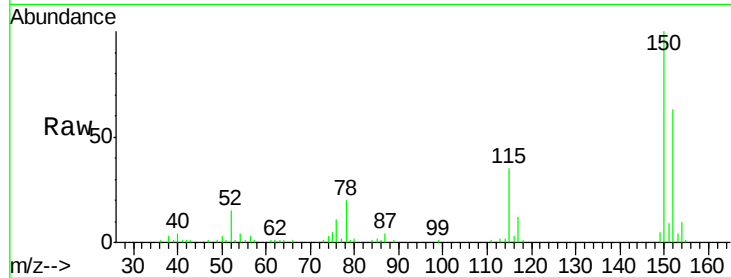
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: BF078442.D
 Acq: 11 Apr 2015 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-9S

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	38148		
150	158.9	125.9	188.9	
115	55.2	52.7	79.1	

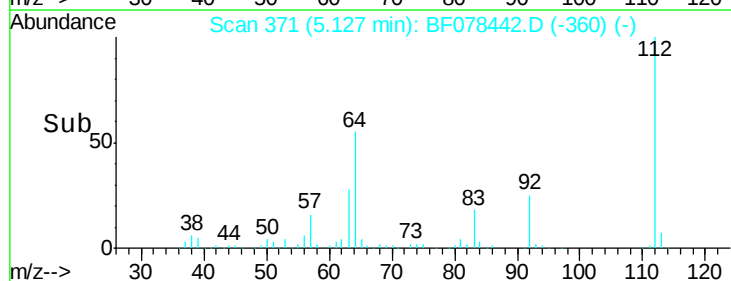
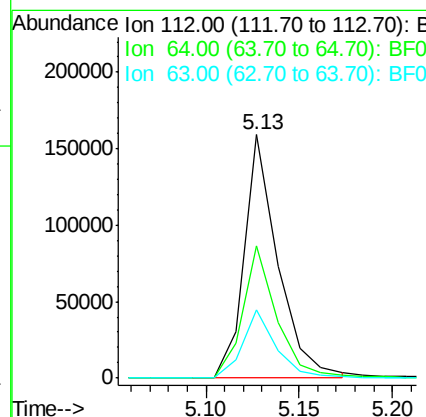
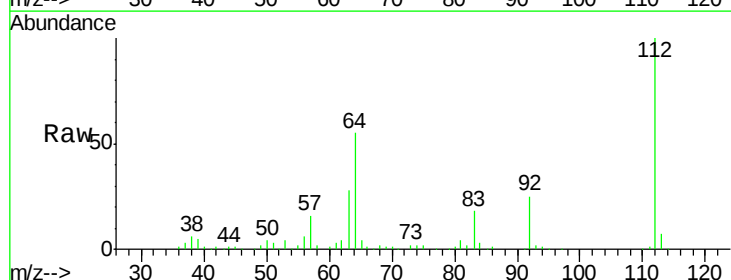
Manual Integrations
 APPROVED

apatel
 4/13/2015 4:19:08 PM



#5
 2-Fluorophenol
 Concen: 86.57 ng
 RT: 5.13 min Scan# 371
 Delta R.T. 0.02 min
 Lab File: BF078442.D
 Acq: 11 Apr 2015 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	200298		
64	54.6	39.9	59.9	
63	28.2	20.2	30.4	





#7

Phenol-d6

Concen: 91.84 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF078442.D

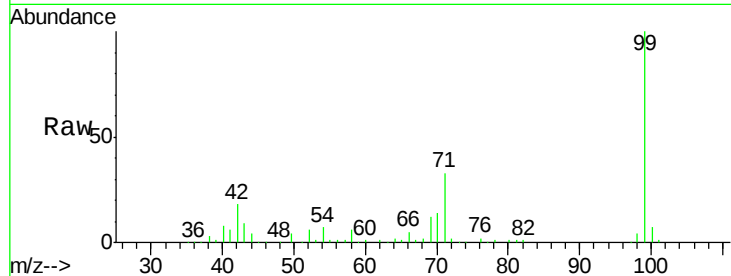
Acq: 11 Apr 2015 14:10

Instrument :

BNA_F

ClientSampleId :

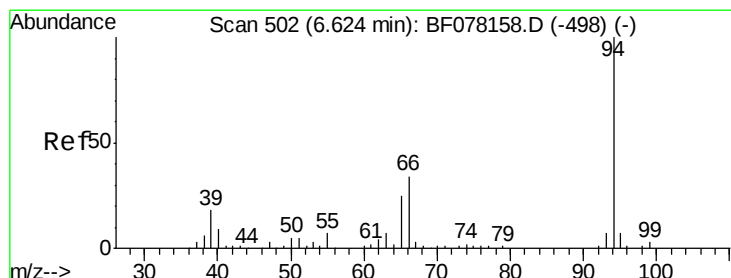
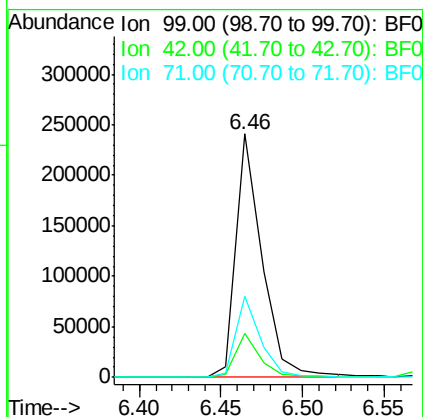
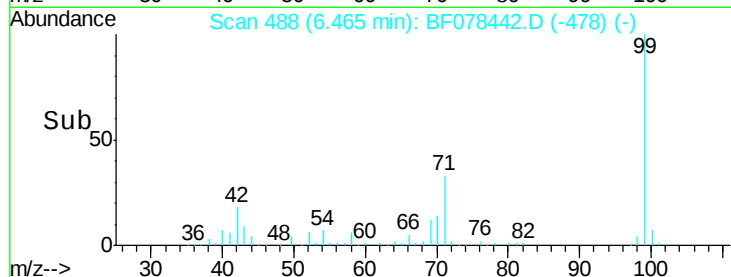
SB-9S



Tgt Ion:	99	Resp:	266304
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	33.4	26.6	39.8

Manual Integrations
APPROVED

apatel
4/13/2015 4:19:08 PM



#10

Phenol

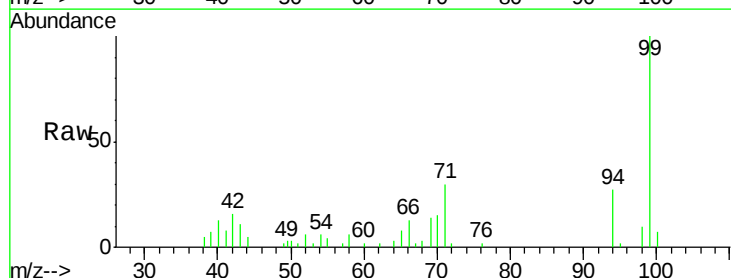
Concen: 2.16 ng

RT: 6.49 min Scan# 490

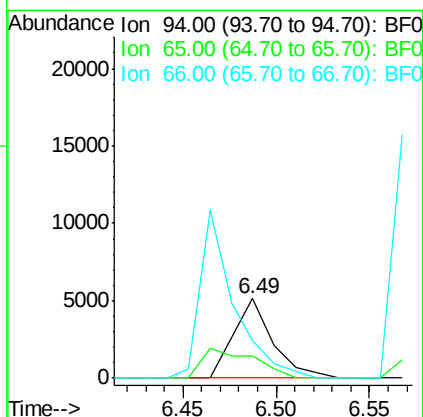
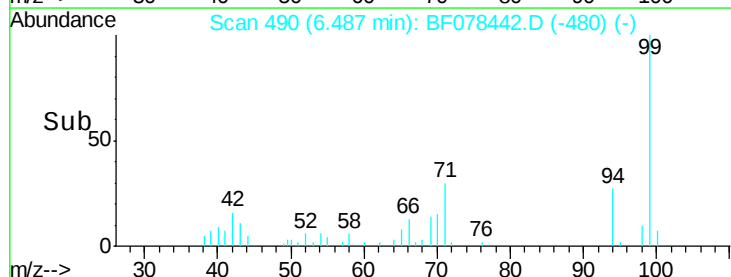
Delta R.T. 0.01 min

Lab File: BF078442.D

Acq: 11 Apr 2015 14:10



Tgt Ion:	94	Resp:	7506
Ion	Ratio	Lower	Upper
94	100		
65	28.0	4.9	44.9
66	47.7	13.8	53.8





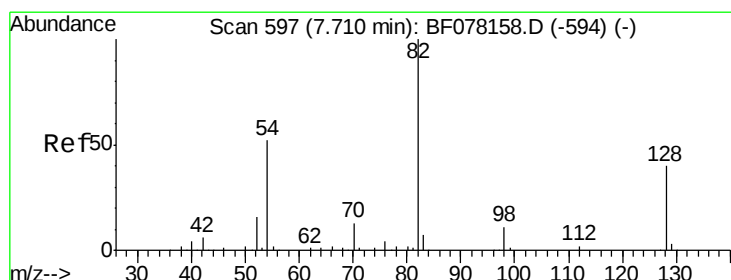
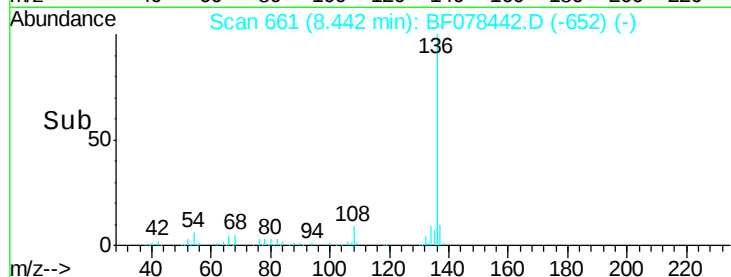
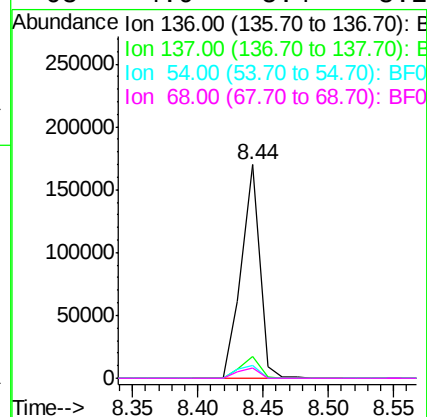
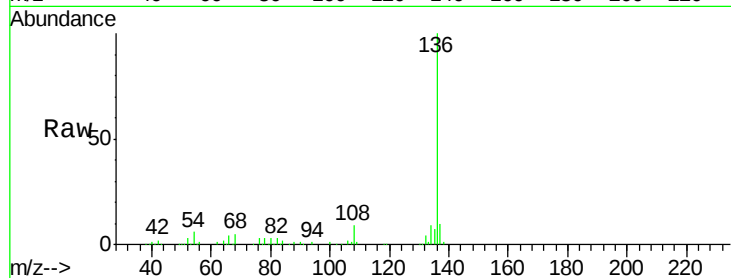
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.44 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF078442.D
Acq: 11 Apr 2015 14:10

Instrument :
BNA_F
ClientSampled :
SB-9S

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.3	9.0	13.4
54	5.9	7.0	10.6#
68	4.9	5.4	8.2#

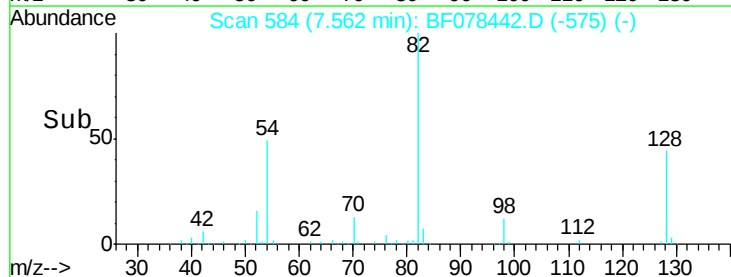
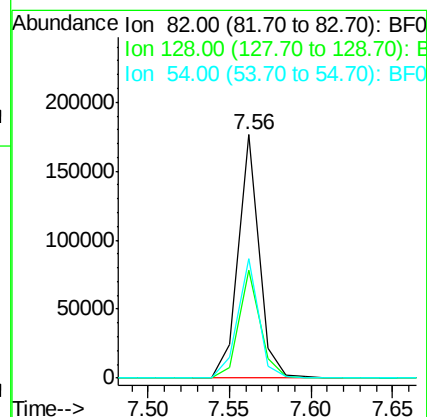
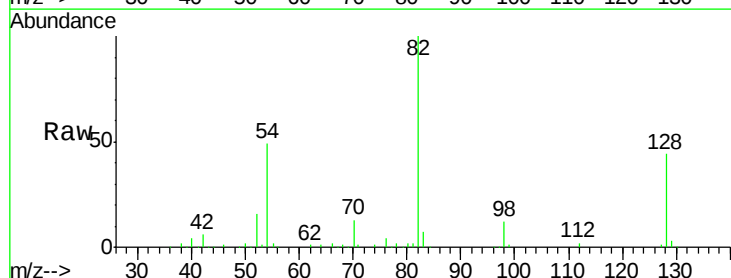
Manual Integrations
APPROVED

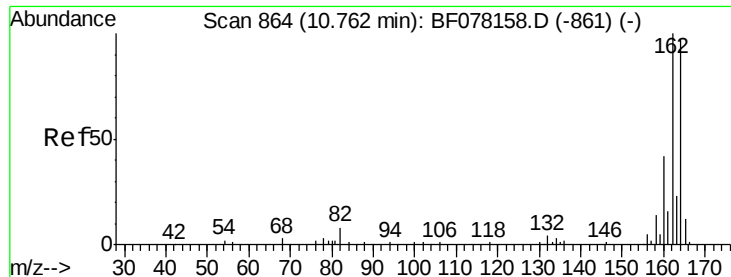
apatel
4/13/2015 4:19:08 PM



#23
Nitrobenzene-d5
Concen: 56.67 ng
RT: 7.56 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078442.D
Acq: 11 Apr 2015 14:10

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.4	31.8	47.8
54	49.3	41.5	62.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF078442.D

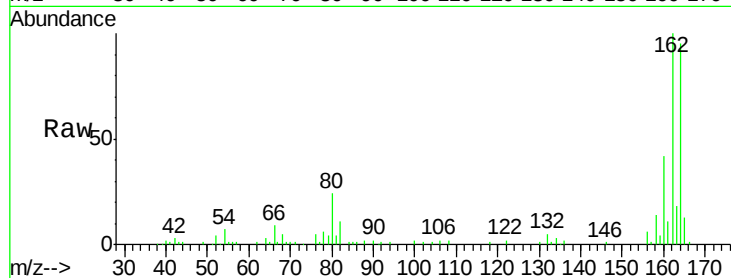
Acq: 11 Apr 2015 14:10

Instrument :

BNA_F

ClientSampled :

SB-9S



Tgt Ion:164 Resp: 80796

Ion Ratio Lower Upper

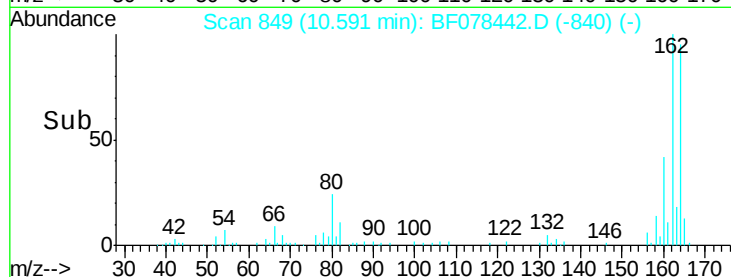
164 100

162 105.2 82.2 123.2

160 44.3 34.7 52.1

Manual Integrations
APPROVED

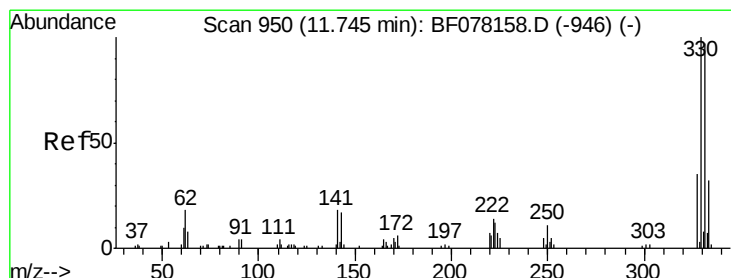
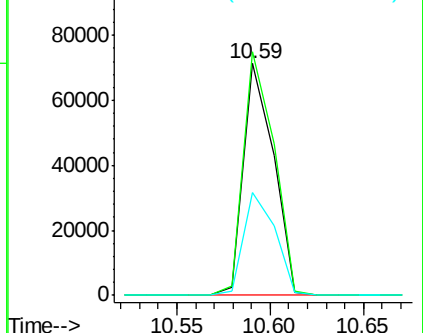
apatel
4/13/2015 4:19:08 PM



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 104.92 ng

RT: 11.57 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF078442.D

Acq: 11 Apr 2015 14:10

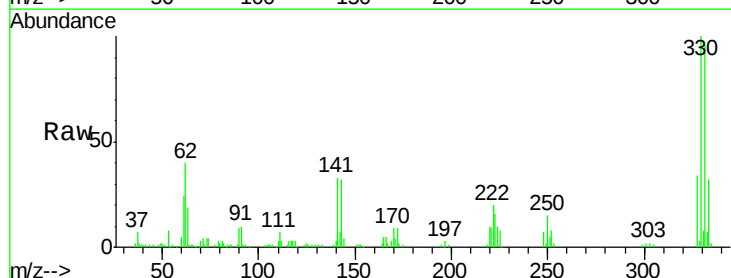
Tgt Ion:330 Resp: 70308

Ion Ratio Lower Upper

330 100

332 95.7 78.6 117.8

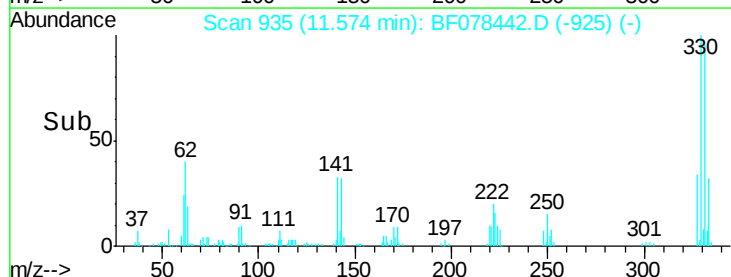
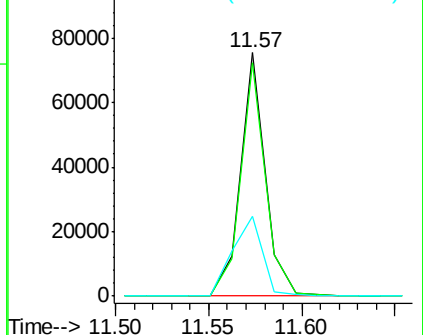
141 39.7 31.2 46.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





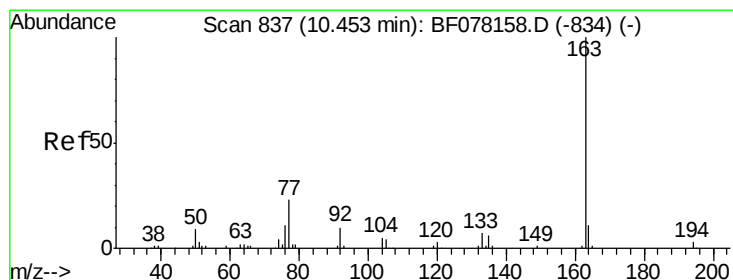
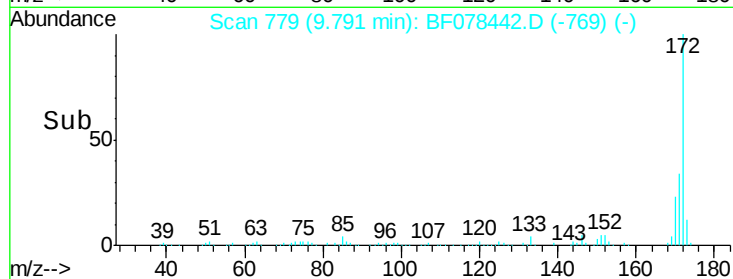
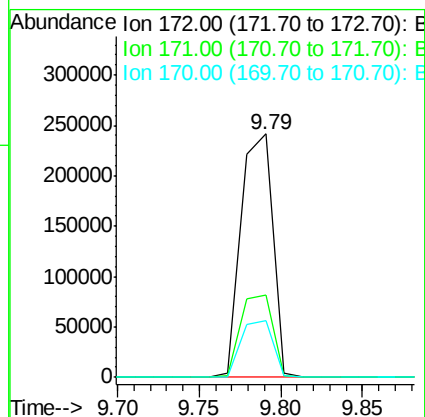
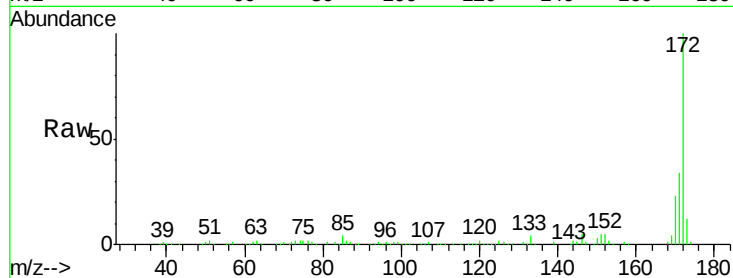
#44
 2-Fluorobiphenyl
 Concen: 57.43 ng
 RT: 9.79 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: BF078442.D
 Acq: 11 Apr 2015 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-9S

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	34.0	28.6	42.8
170	23.3	18.5	27.7

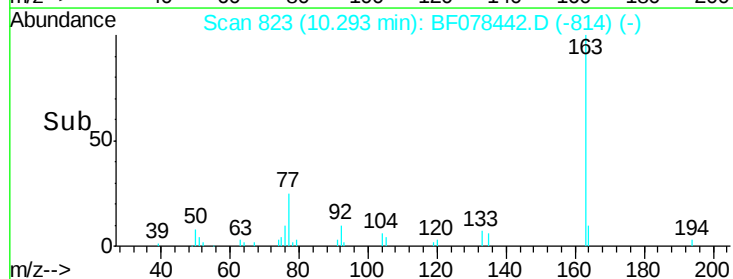
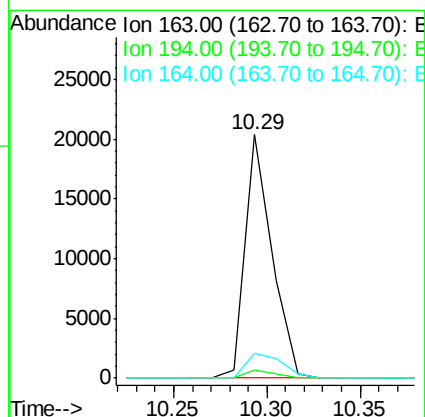
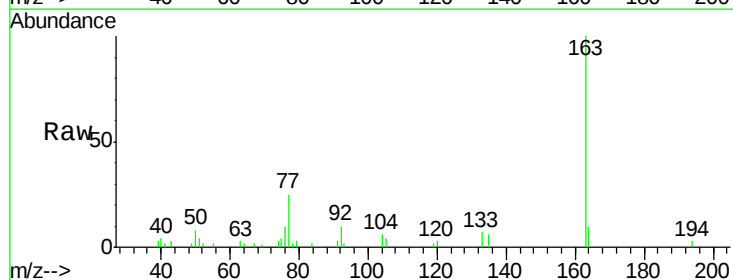
Manual Integrations
 APPROVED

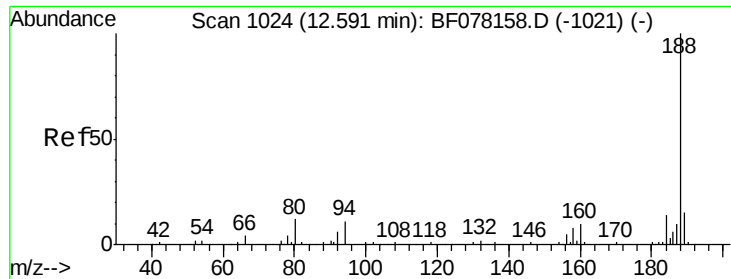
apatel
 4/13/2015 4:19:08 PM



#49
 Dimethylphthalate
 Concen: 3.33 ng
 RT: 10.29 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF078442.D
 Acq: 11 Apr 2015 14:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.3	3.5
164	10.4	8.6	13.0





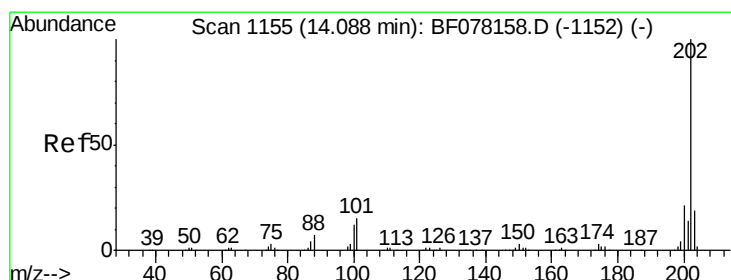
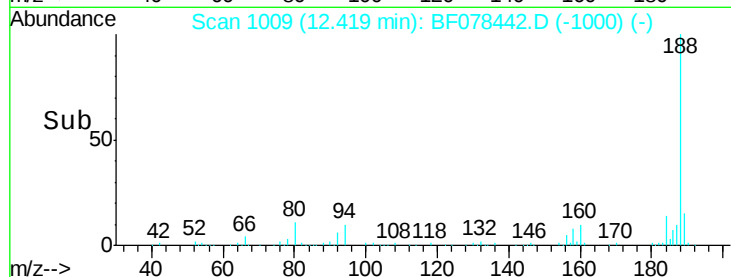
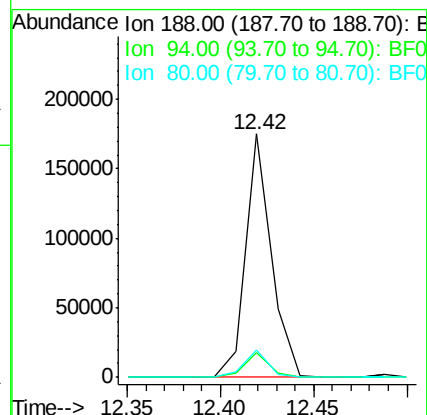
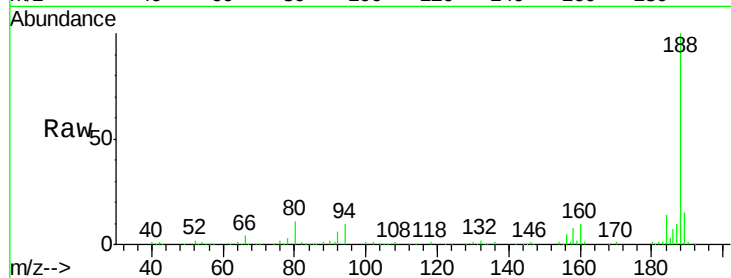
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF078442.D
Acq: 11 Apr 2015 14:10

Instrument :
BNA_F
ClientSampleId :
SB-9S

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.1	9.0	13.4
80	11.3	9.5	14.3

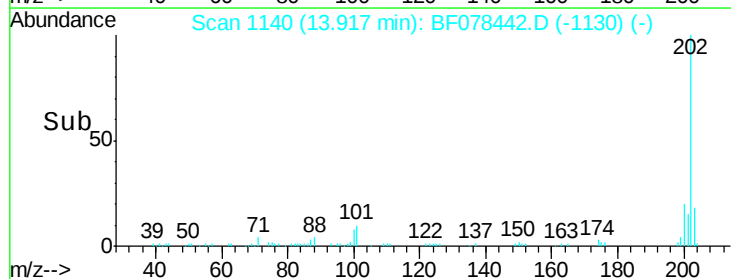
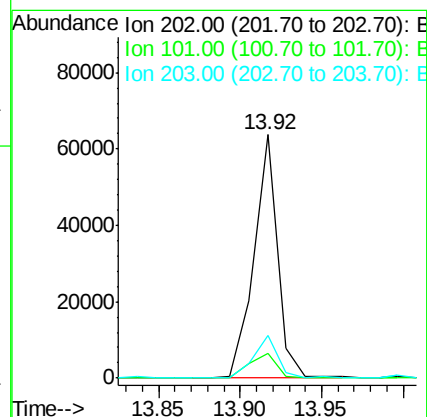
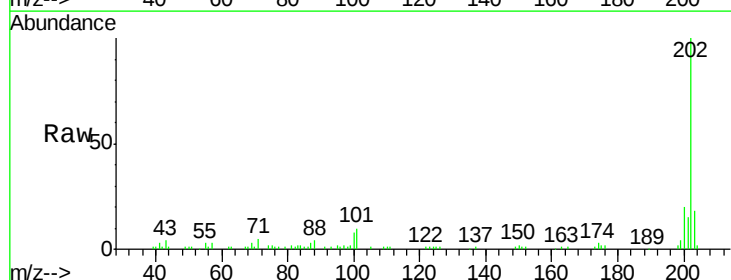
Manual Integrations
APPROVED

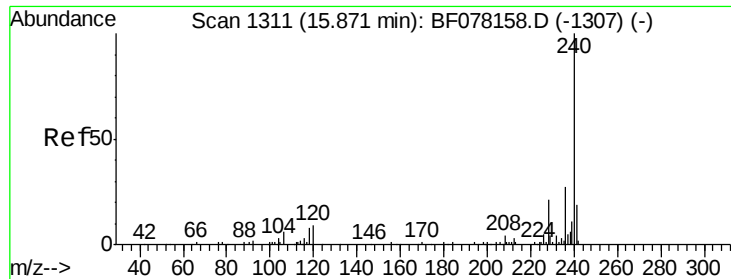
apatel
4/13/2015 4:19:08 PM



#74
Fluoranthene
Concen: 6.29 ng
RT: 13.92 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF078442.D
Acq: 11 Apr 2015 14:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.3	0.0	35.2
203	17.7	0.0	38.5





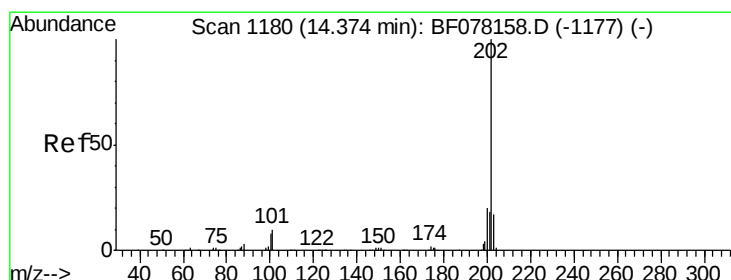
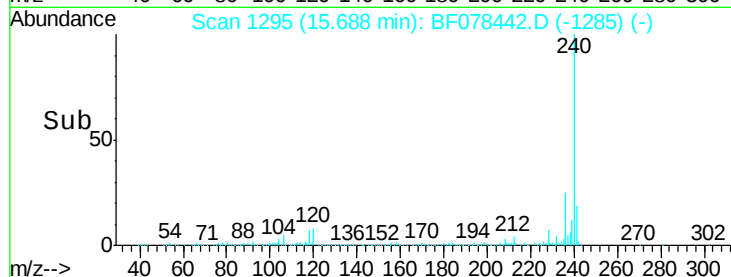
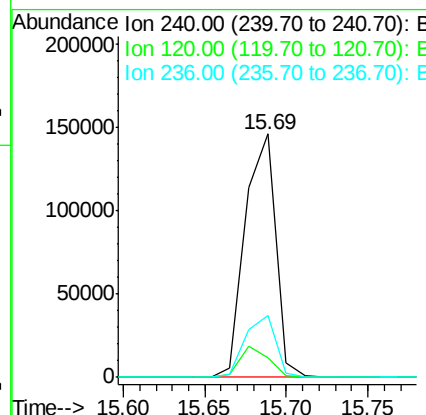
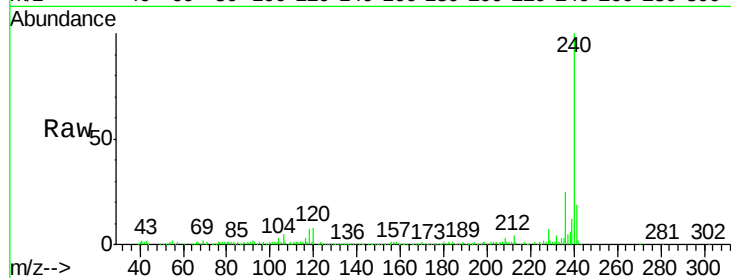
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.69 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF078442.D
Acq: 11 Apr 2015 14:10

Instrument :
BNA_F
ClientSampleId :
SB-9S

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.2	7.1	10.7
236	25.3	21.4	32.2

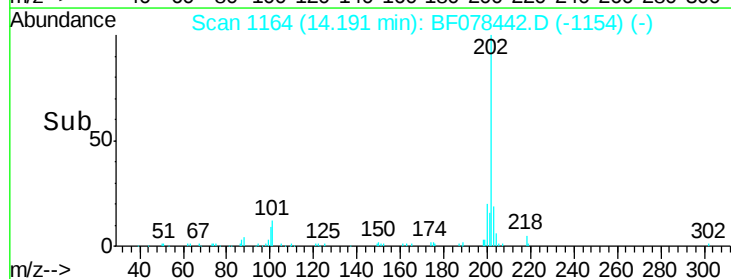
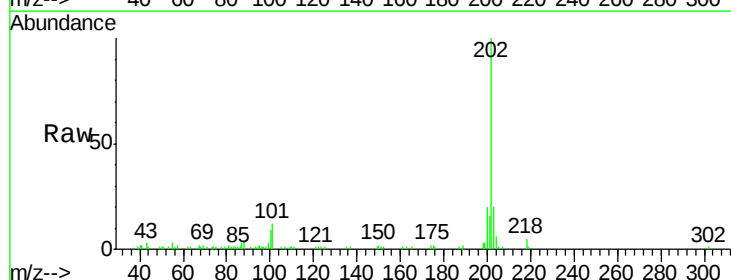
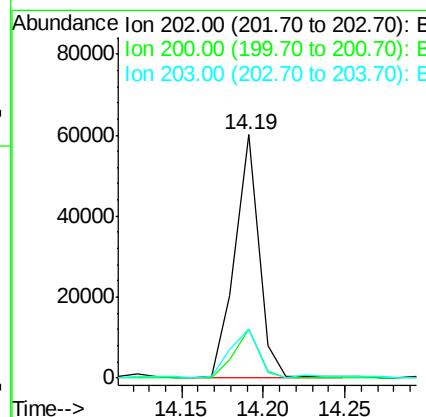
Manual Integrations
APPROVED

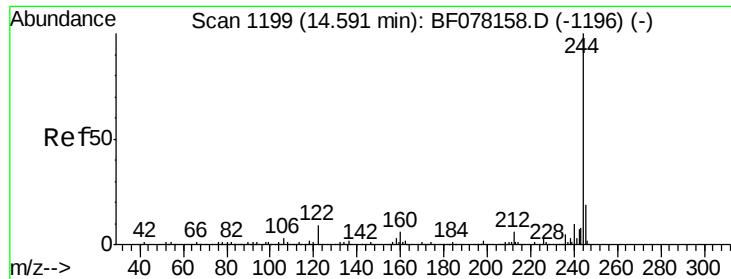
apatel
4/13/2015 4:19:08 PM



#77
Pyrene
Concen: 5.22 ng
RT: 14.19 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BF078442.D
Acq: 11 Apr 2015 14:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.3	16.3	24.5
203	20.0	13.8	20.6





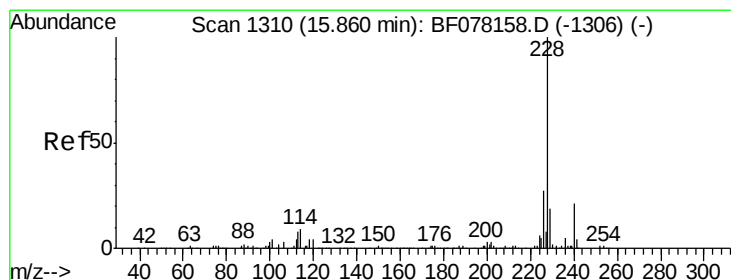
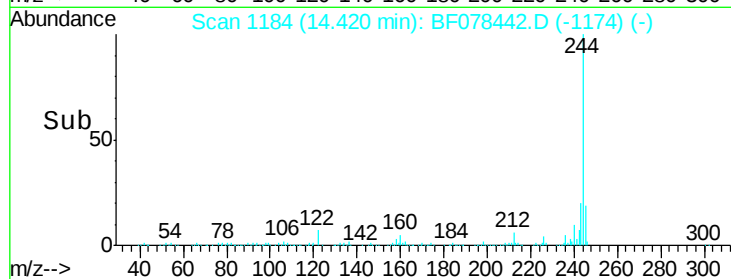
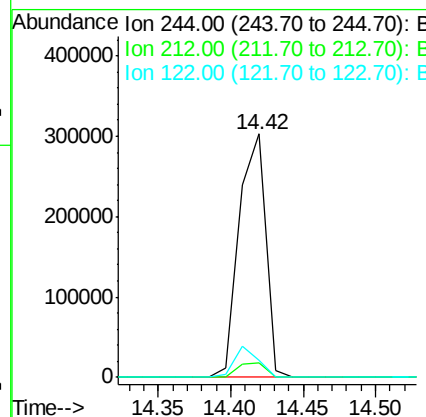
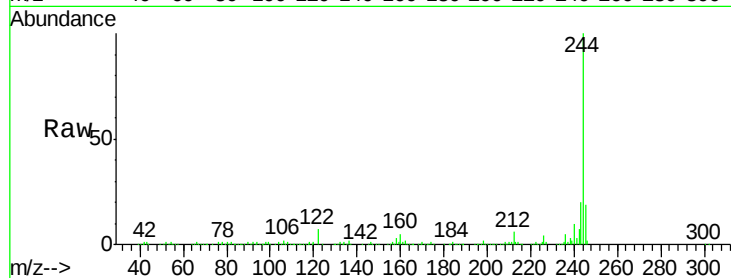
#78
 Terphenyl-d14
 Concen: 45.98 ng
 RT: 14.42 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF078442.D
 Acq: 11 Apr 2015 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-9S

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.1	5.0	7.4
122	7.2	7.1	10.7

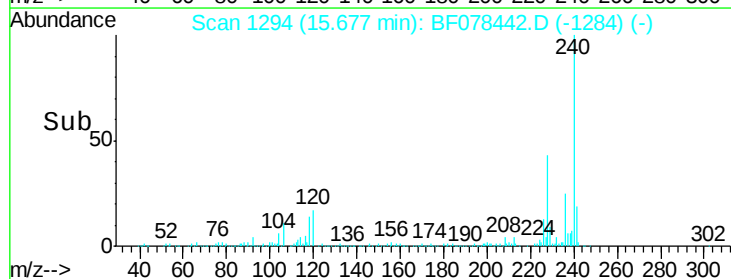
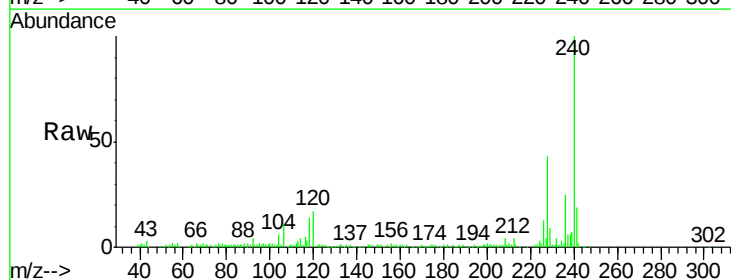
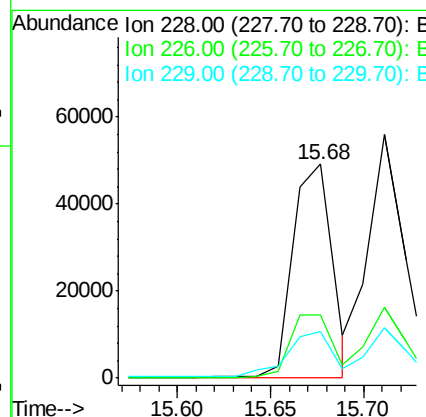
Manual Integrations
 APPROVED

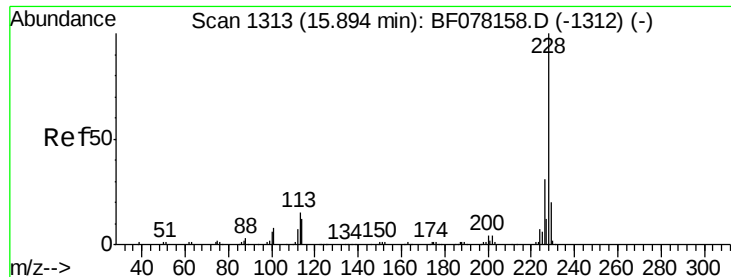
apatel
 4/13/2015 4:19:08 PM



#80
 Benzo(a)anthracene
 Concen: 6.48 ng
 RT: 15.68 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: BF078442.D
 Acq: 11 Apr 2015 14:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.5	21.3	31.9
229	21.7	15.4	23.2





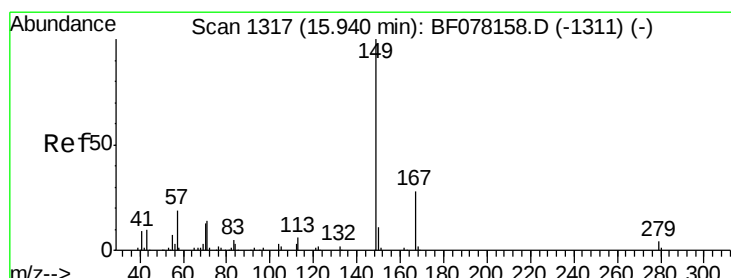
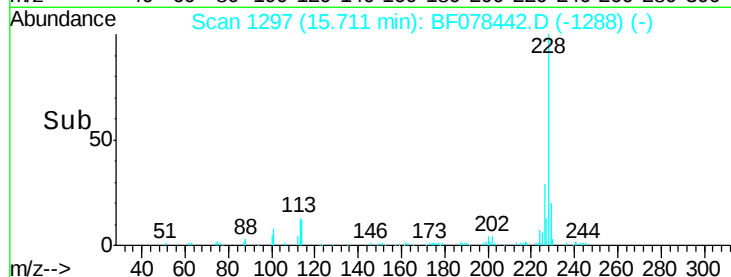
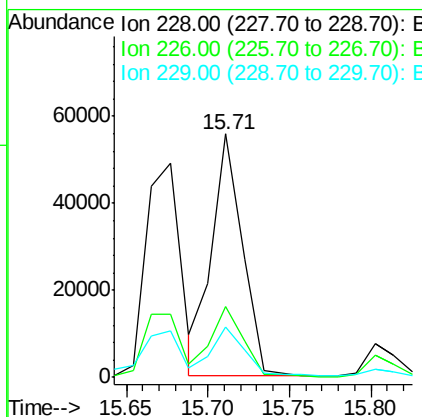
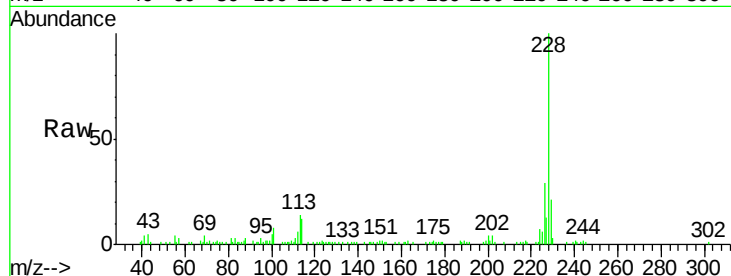
#82
Chrysene
Concen: 6.81 ng
RT: 15.71 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF078442.D
Acq: 11 Apr 2015 14:10

Instrument :
BNA_F
ClientSampleId :
SB-9S

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.2	36.4
229	20.7	15.8	23.8

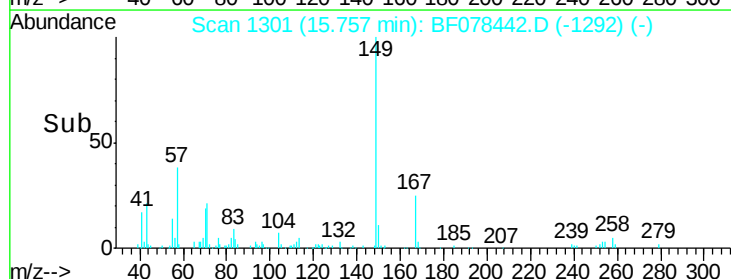
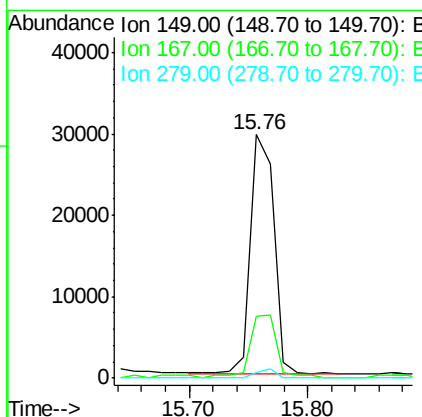
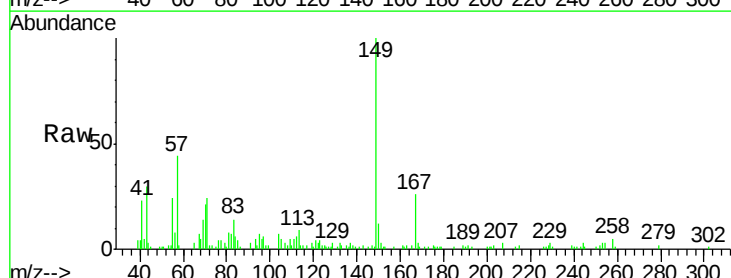
Manual Integrations
APPROVED

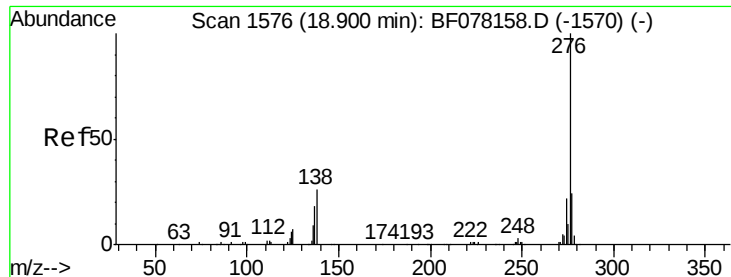
apatel
4/13/2015 4:19:08 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 5.66 ng
RT: 15.76 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF078442.D
Acq: 11 Apr 2015 14:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	22.2	33.2
279	2.4	3.2	4.8#





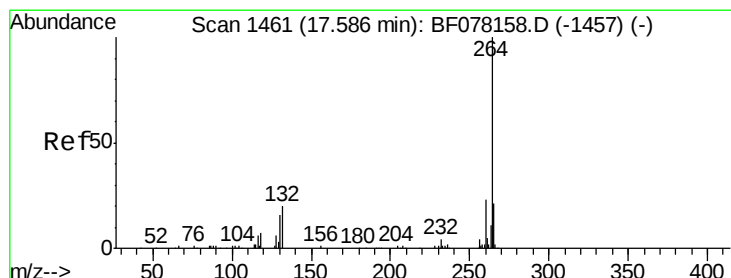
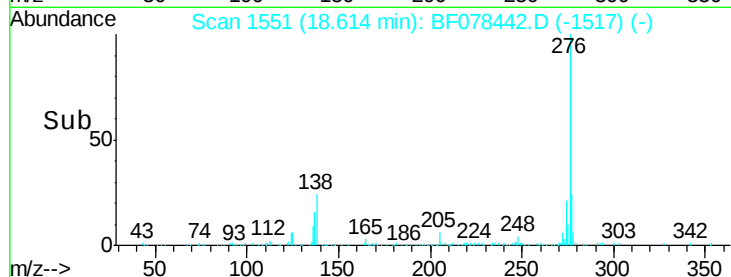
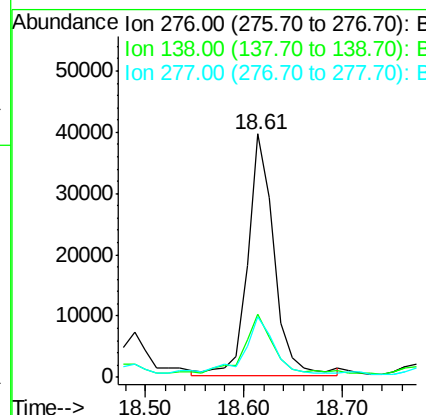
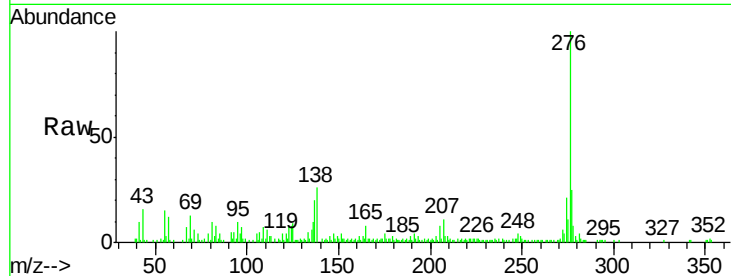
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.21 ng m
 RT: 18.61 min Scan# 1551
 Delta R.T. 0.09 min
 Lab File: BF078442.D
 Acq: 11 Apr 2015 14:10

Instrument :
 BNA_F
 ClientSampled :
 SB-9S

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.7	16.9	25.3#
277	4.0	15.8	23.6#

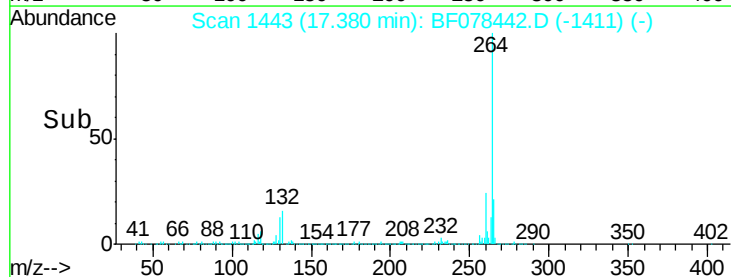
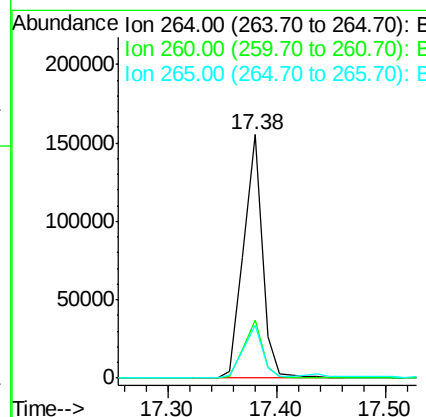
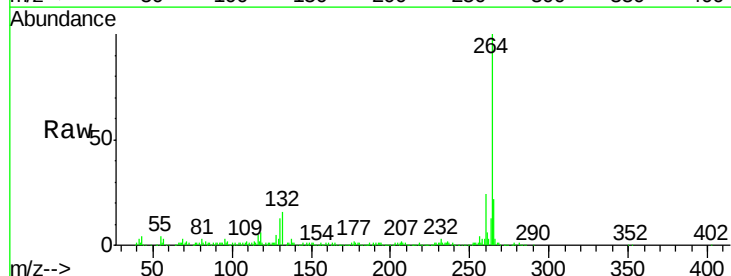
Manual Integrations
 APPROVED

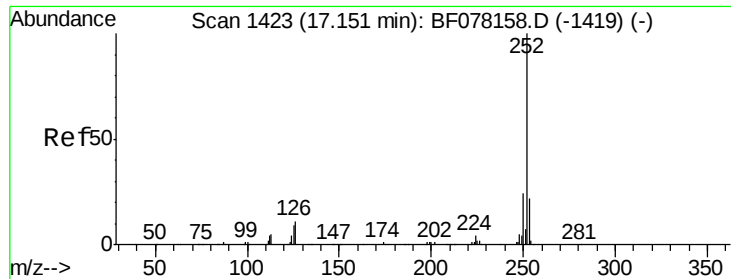
apatel
 4/13/2015 4:19:08 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.38 min Scan# 1443
 Delta R.T. 0.07 min
 Lab File: BF078442.D
 Acq: 11 Apr 2015 14:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.7	17.0	25.6





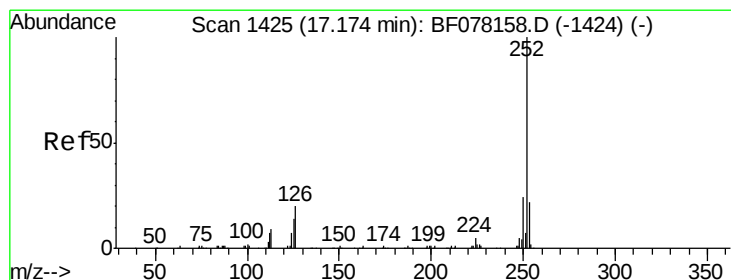
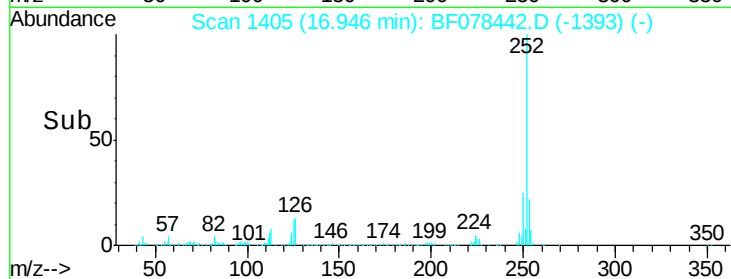
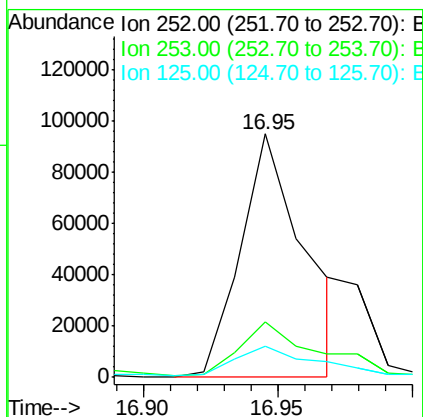
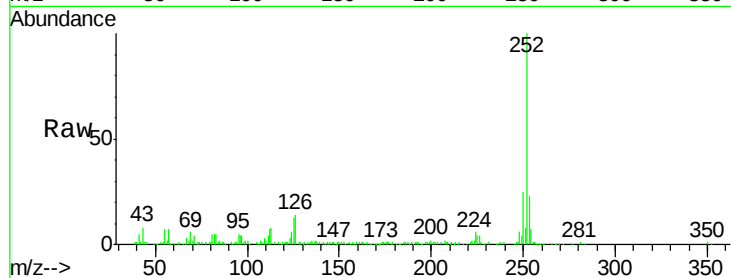
#87
Benzo(b)fluoranthene
Concen: 13.68 ng m
RT: 16.95 min Scan# 1405
Delta R.T. 0.03 min
Lab File: BF078442.D
Acq: 11 Apr 2015 14:10

Instrument :
BNA_F
ClientSampleId :
SB-9S

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	12.6	7.0	10.4

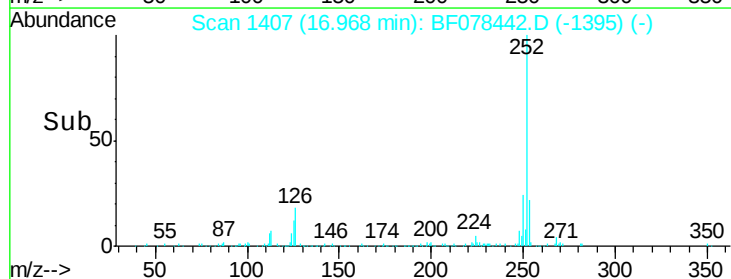
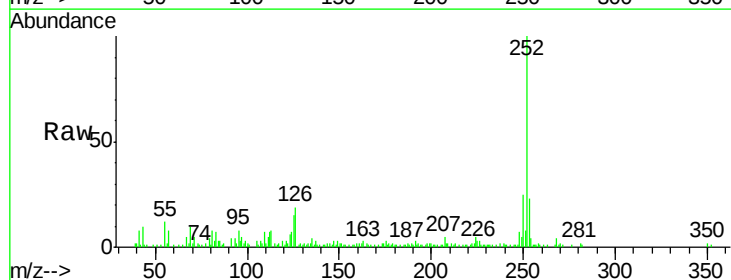
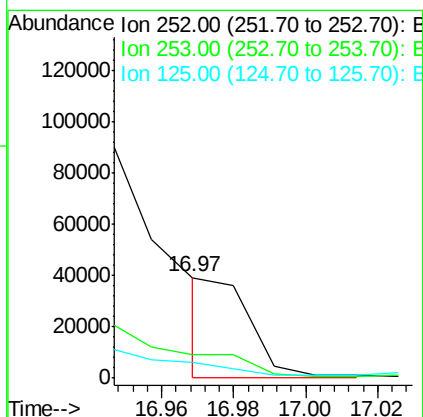
Manual Integrations
APPROVED

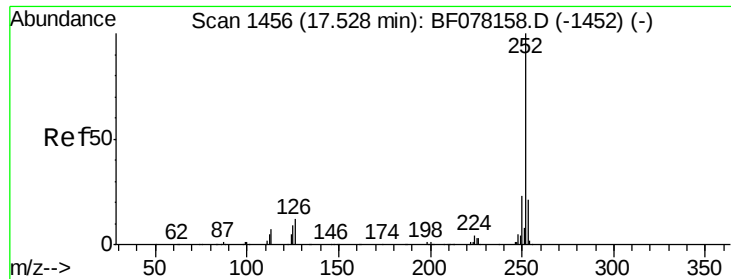
apatel
4/13/2015 4:19:08 PM



#88
Benzo(k)fluoranthene
Concen: 2.87 ng m
RT: 16.97 min Scan# 1407
Delta R.T. 0.03 min
Lab File: BF078442.D
Acq: 11 Apr 2015 14:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	15.1	11.6	17.4





#89

Benzo(a)pyrene

Concen: 9.06 ng

RT: 17.31 min Scan# 1437

Delta R.T. 0.06 min

Lab File: BF078442.D

Acq: 11 Apr 2015 14:10

Instrument :

BNA_F

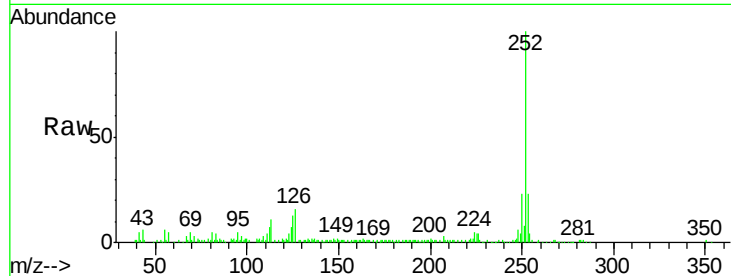
ClientSampled :

SB-9S

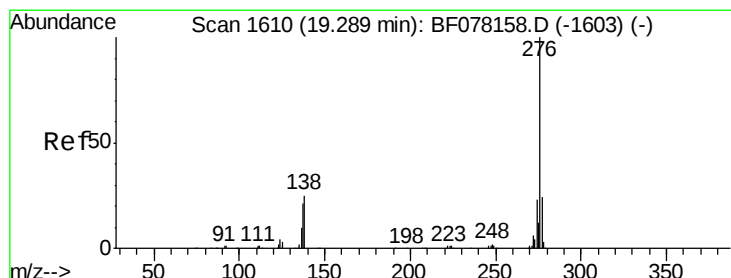
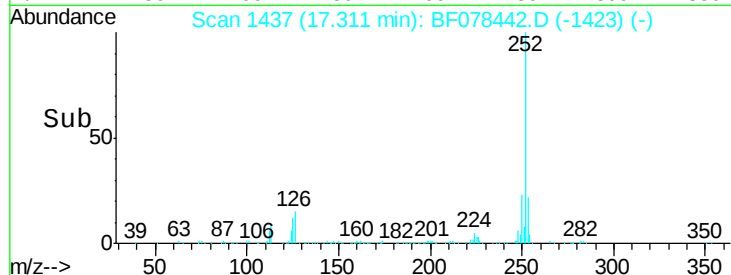
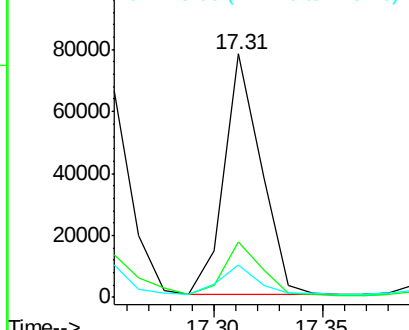
Tgt Ion:	252	Resp:	90981
Ion Ratio	Lower	Upper	
252	100		
253	22.8	16.8	25.2
125	13.5	7.4	11.0#

Manual Integrations
APPROVED

apatel
4/13/2015 4:19:08 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 7.19 ng m

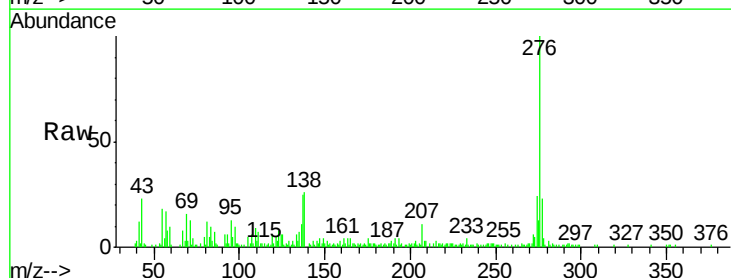
RT: 18.97 min Scan# 1582

Delta R.T. 0.09 min

Lab File: BF078442.D

Acq: 11 Apr 2015 14:10

Tgt Ion:	276	Resp:	72460
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.0	28.4
138	26.2	19.9	29.9



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

