

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080788.D
 Acq On : 1 Aug 2015 19:01
 Operator : TP/UM
 Sample : G3119-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BB-026CS-1(0-16FTBGS)

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 3:41:23 PM

Quant Time: Aug 03 06:59:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	90909	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	310698	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	129883	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	222561	20.00	ng	0.00
75) Chrysene-d12	14.00	240	187069	20.00	ng	0.00
86) Perylene-d12	15.41	264	299729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	783166	147.79	ng	0.01
7) Phenol-d6	6.48	99	878250	121.73	ng	-0.01
23) Nitrobenzene-d5	7.41	82	636778	99.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	192212	142.62	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	807364	92.74	ng	-0.01
78) Terphenyl-d14	12.95	244	525973	53.18	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.61	163	176928	19.33	ng	Qvalue # 96
70) Phenanthrene	11.39	178	28987	2.59	ng	99
74) Fluoranthene	12.57	202	61622	5.68	ng	99
77) Pyrene	12.80	202	66194	4.56	ng	98
80) Benzo(a)anthracene	13.99	228	39647	3.52	ng	93
82) Chrysene	14.02	228	34928m	3.20	ng	
85) Indeno(1,2,3-cd)pyrene	16.79	276	33374m	5.81	ng	
87) Benzo(b)fluoranthene	15.00	252	62712m	3.50	ng	
88) Benzo(k)fluoranthene	15.01	252	31659m	2.15	ng	
89) Benzo(a)pyrene	15.35	252	56670	3.86	ng	# 90
91) Benzo(g,h,i)perylene	17.20	276	34742	2.68	ng	95

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

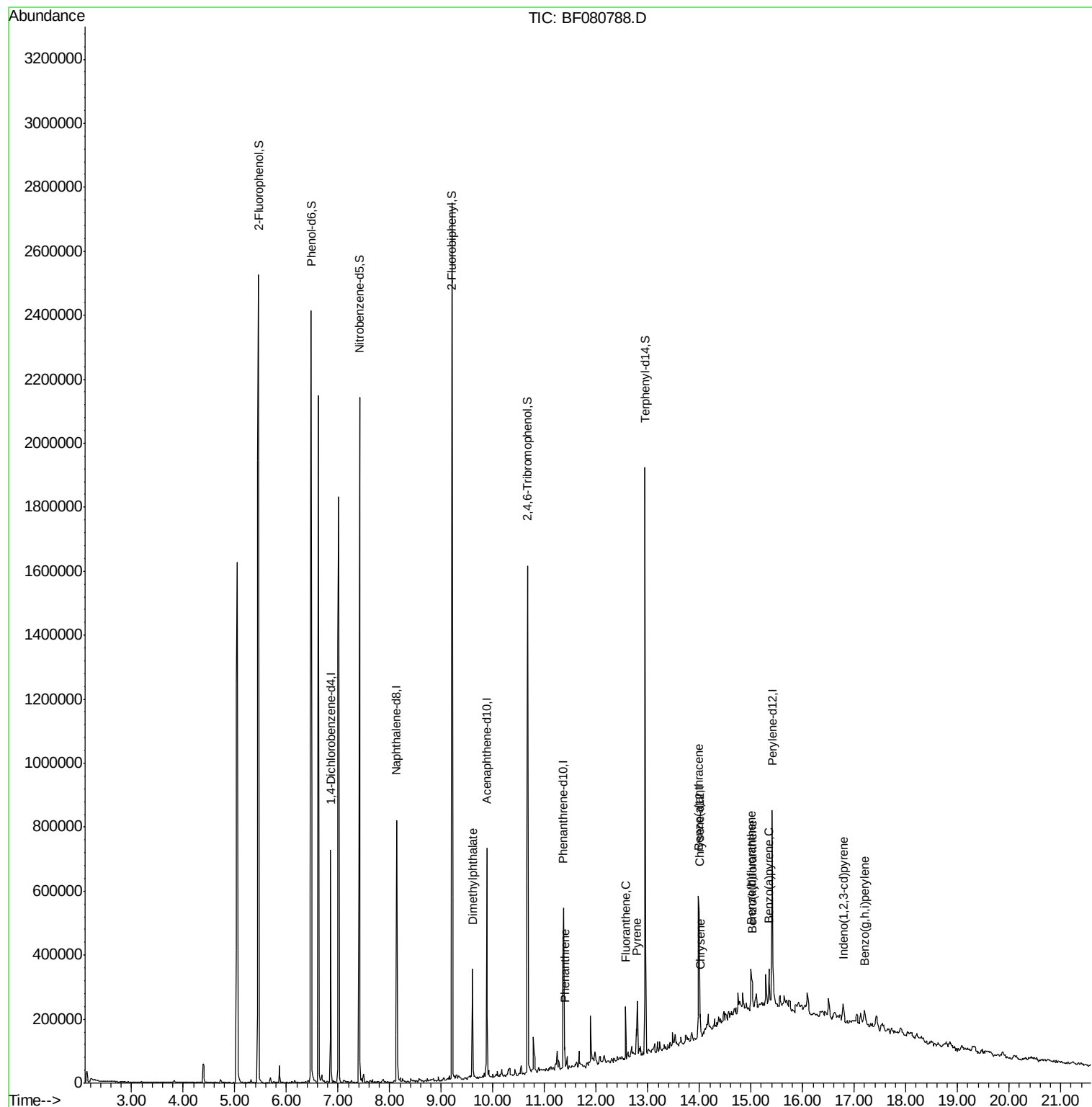
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080788.D
Acq On : 1 Aug 2015 19:01
Operator : TP/UM
Sample : G3119-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

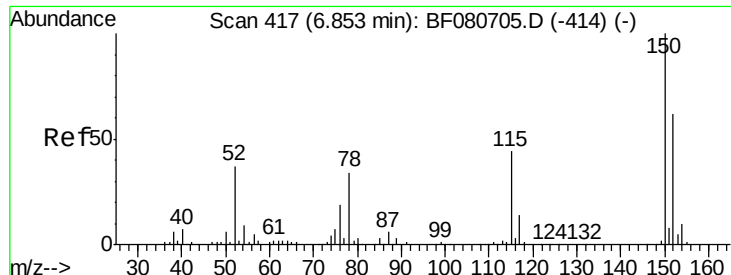
Instrument :
BNA_F
ClientSampleId :
BB-026CS-1(0-16FTBGS)

Manual Integrations
APPROVED

MMDadoda
8/3/2015 3:41:23 PM

Quant Time: Aug 03 06:59:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

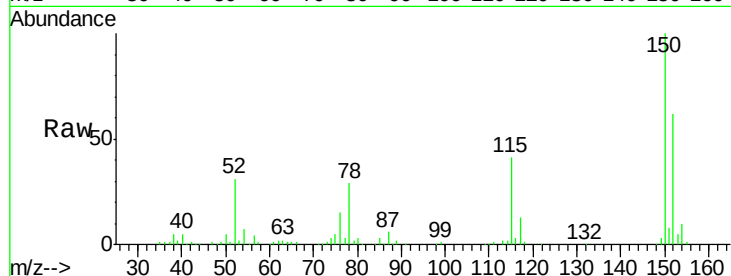




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080788.D
Acq: 1 Aug 2015 19:01

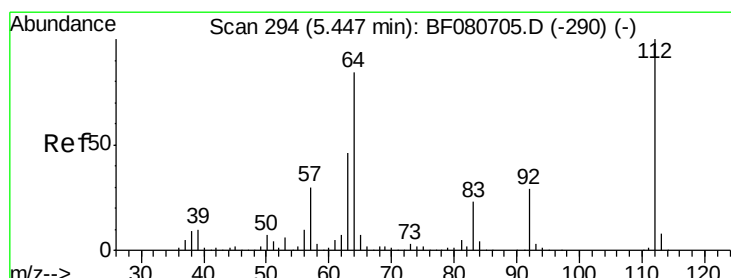
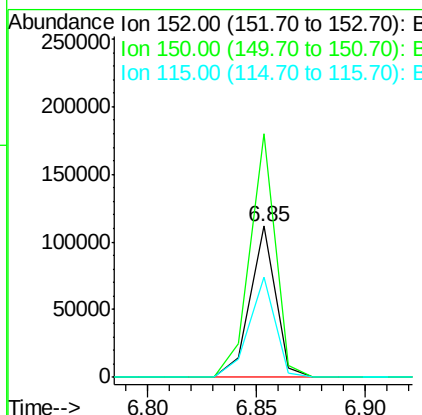
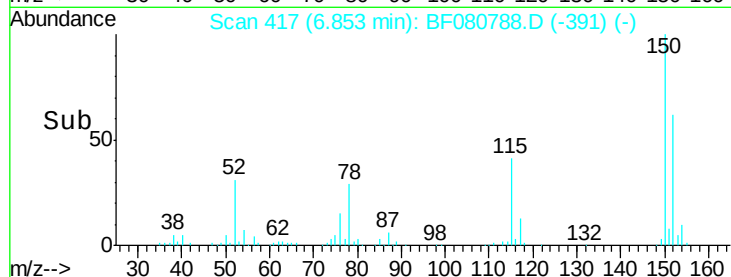
Instrument :
BNA_F
ClientSampleId :
BB-026CS-1(0-16FTBGS)



Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.9	129.6	194.4
115	66.0	56.6	85.0

Manual Integrations
APPROVED

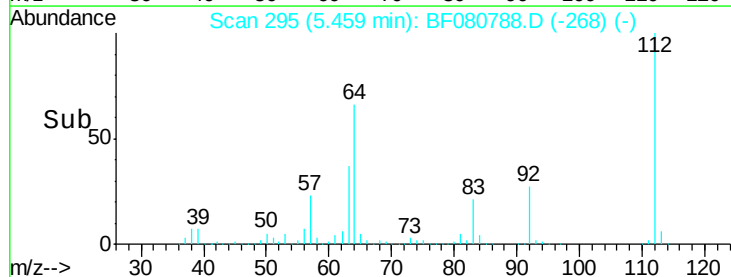
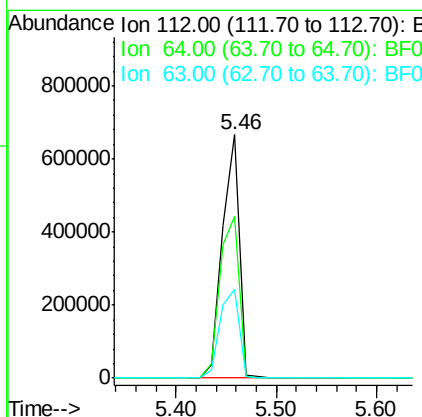
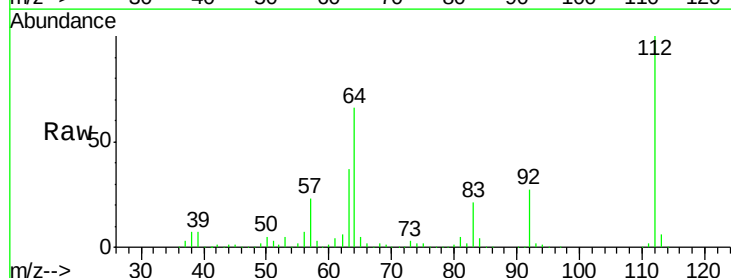
MMDadoda
8/3/2015 3:41:23 PM

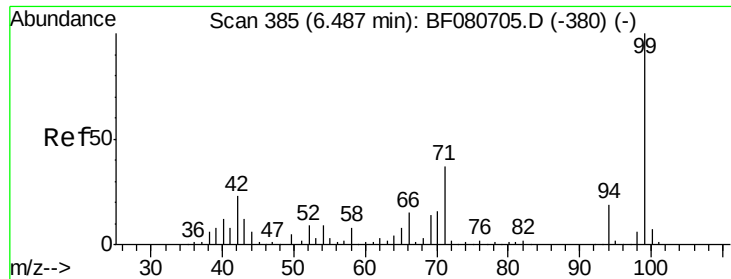


#5

2-Fluorophenol
Concen: 147.79 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF080788.D
Acq: 1 Aug 2015 19:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	66.8	100.2#
63	36.6	36.7	55.1#





#7

Phenol-d6

Concen: 121.73 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080788.D

Acq: 1 Aug 2015 19:01

Instrument :

BNA_F

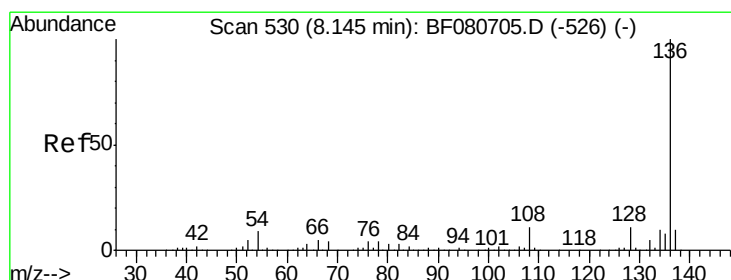
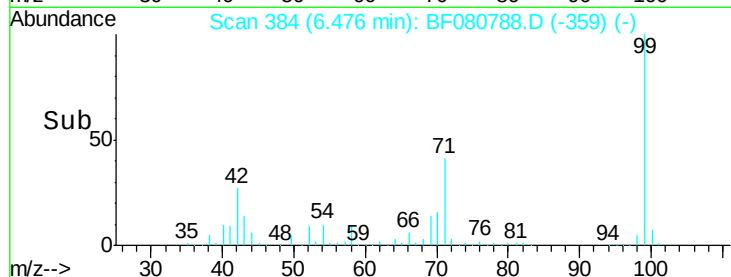
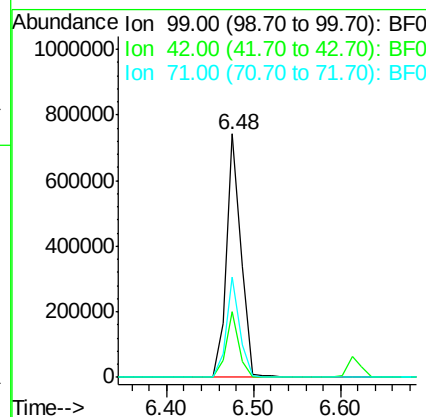
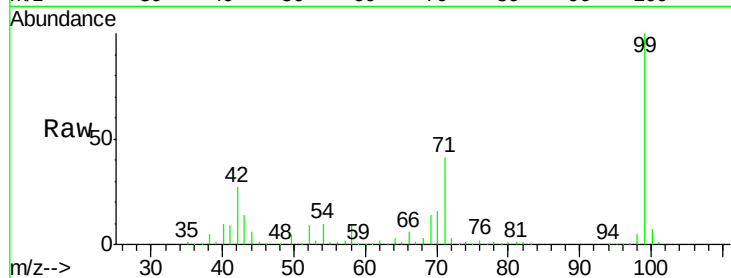
ClientSampleId :

BB-026CS-1(0-16FTBGS)

Tgt Ion:	99	Resp:	878250
Ion Ratio	Lower	Upper	
99	100		
42	27.1	18.2	27.2
71	41.1	29.5	44.3

Manual Integrations
APPROVED

MMDadoda
8/3/2015 3:41:23 PM



#21

Naphthalene-d8

Concen: 20.00 ng

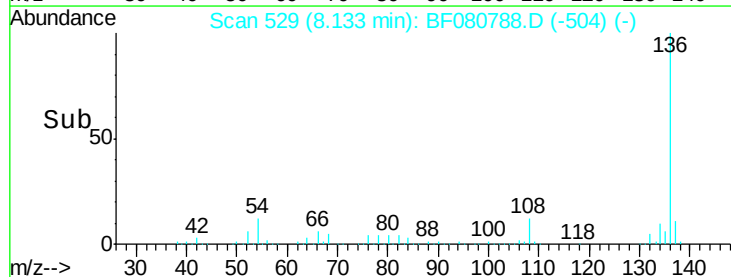
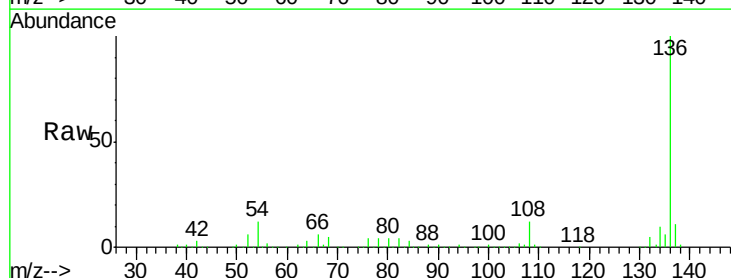
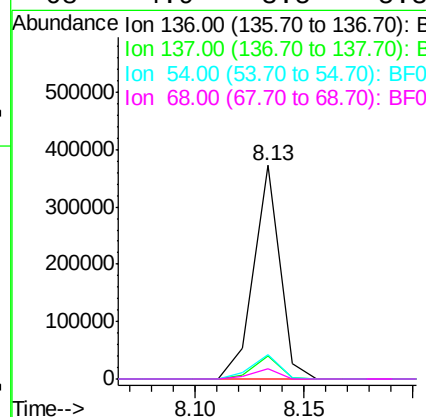
RT: 8.13 min Scan# 529

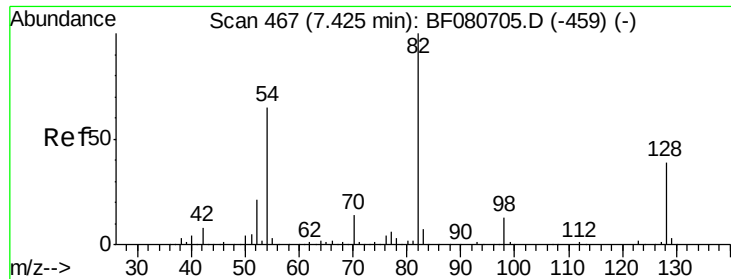
Delta R.T. -0.01 min

Lab File: BF080788.D

Acq: 1 Aug 2015 19:01

Tgt Ion:	136	Resp:	310698
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.4	12.6
54	11.5	6.9	10.3
68	4.9	3.5	5.3





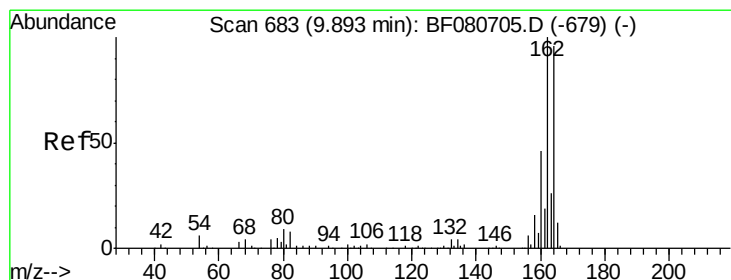
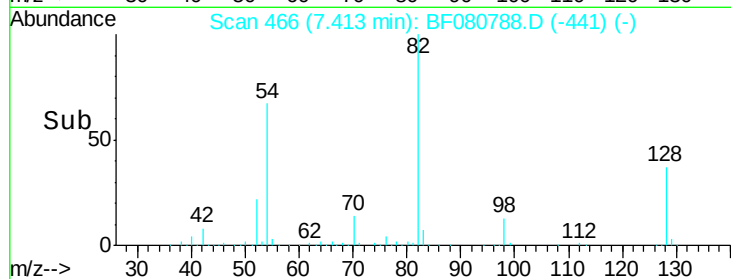
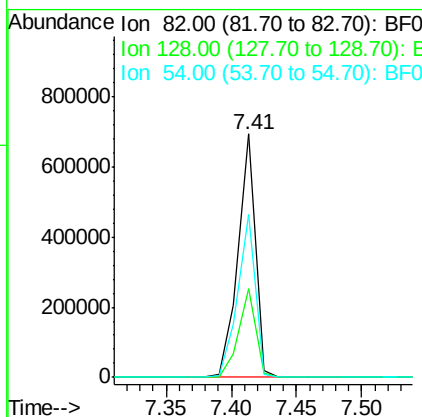
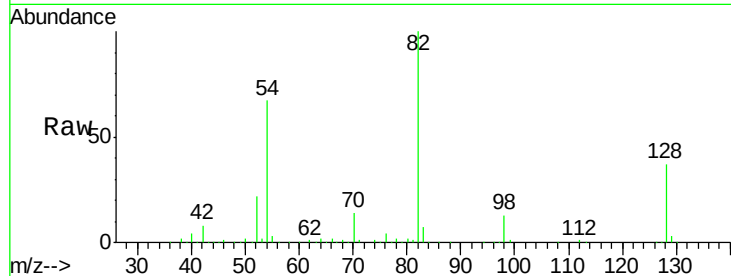
#23
 Nitrobenzene-d5
 Concen: 99.25 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080788.D
 Acq: 1 Aug 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :
 BB-026CS-1(0-16FTBGS)

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	36.5	31.5	47.3
54	67.2	51.8	77.8

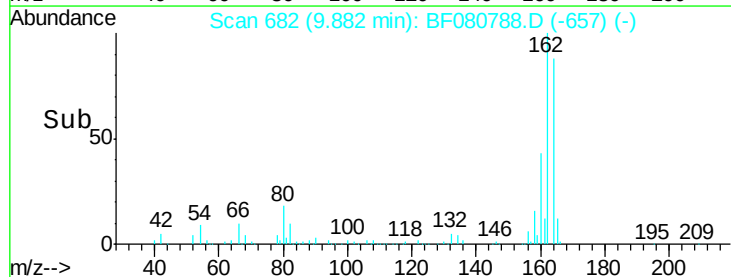
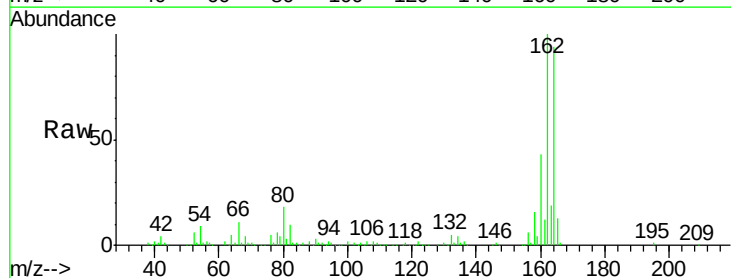
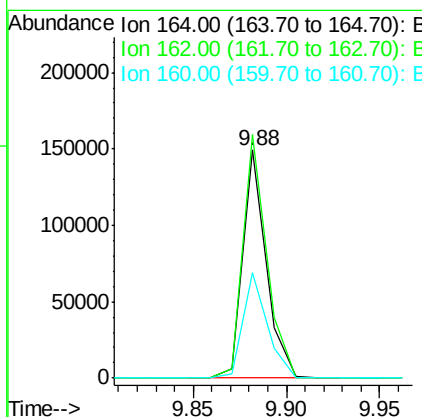
Manual Integrations
 APPROVED

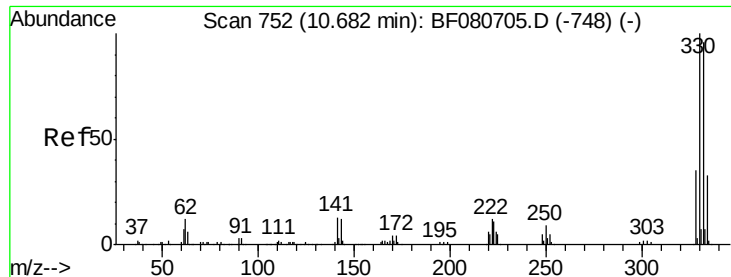
MMDadoda
 8/3/2015 3:41:23 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF080788.D
 Acq: 1 Aug 2015 19:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	106.9	83.4	125.0
160	46.3	38.0	57.0





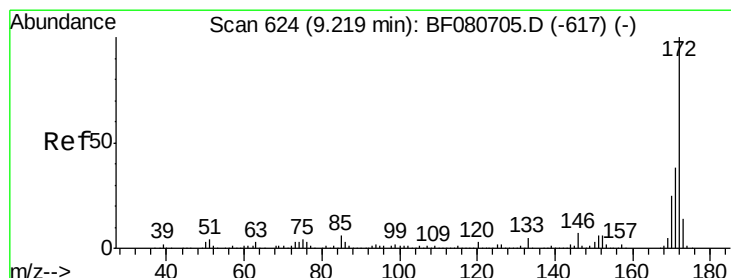
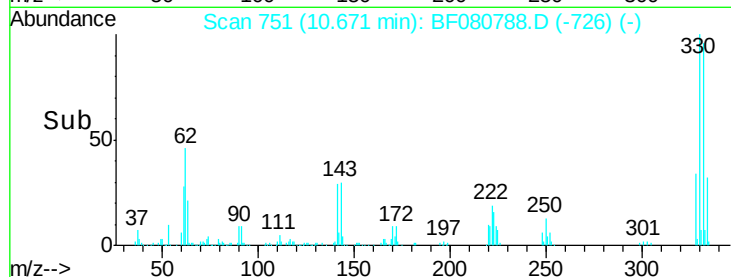
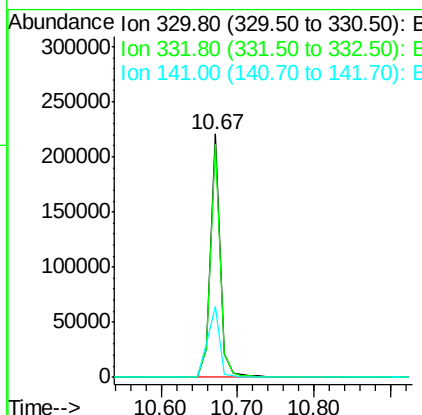
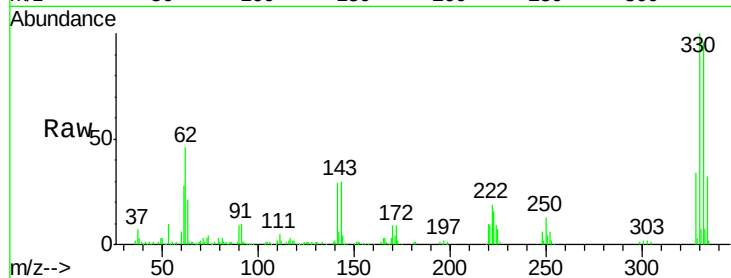
#41
 2,4,6-Tribromophenol
 Concen: 142.62 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080788.D
 Acq: 1 Aug 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :
 BB-026CS-1(0-16FTBGS)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	192212		
332	96.1	76.6	114.8	
141	36.8	26.0	39.0	

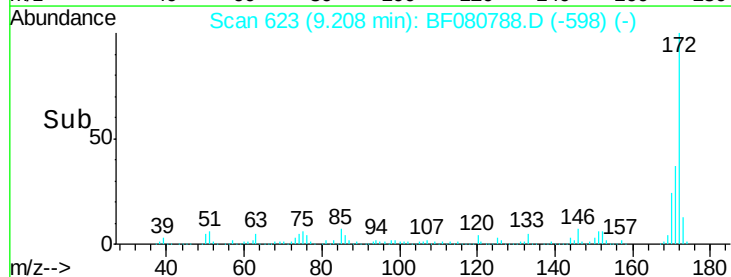
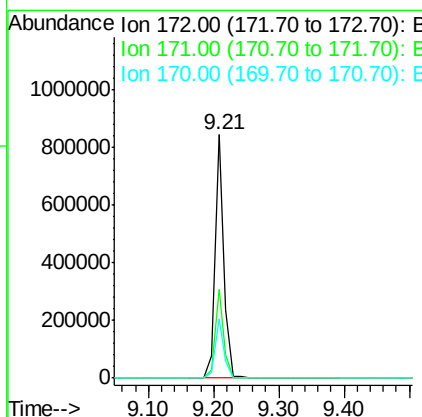
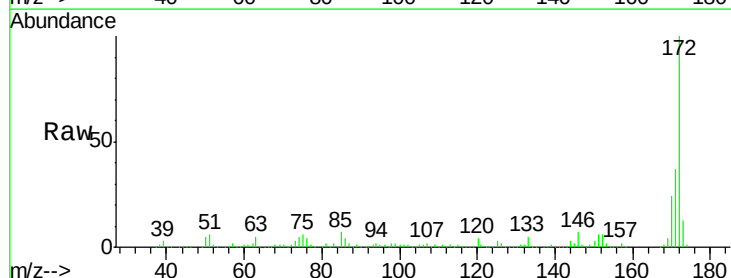
Manual Integrations
 APPROVED

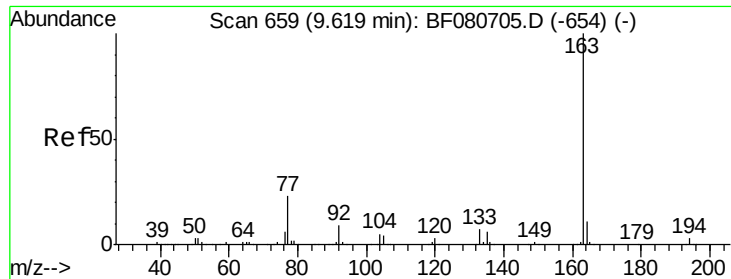
MMDadoda
 8/3/2015 3:41:23 PM



#44
 2-Fluorobiphenyl
 Concen: 92.74 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080788.D
 Acq: 1 Aug 2015 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	807364		
171	36.6	30.2	45.4	
170	24.5	20.2	30.2	





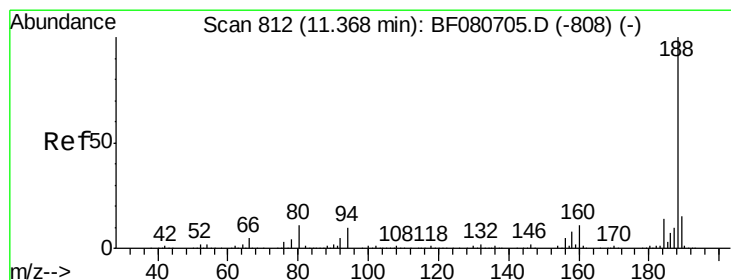
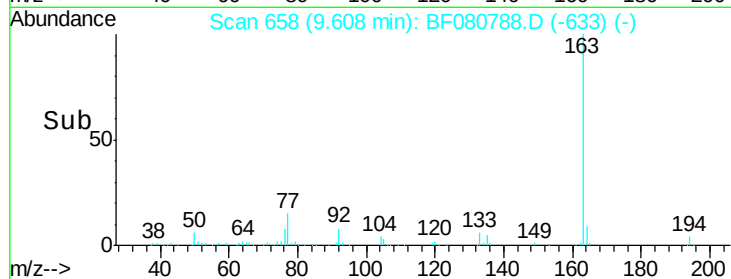
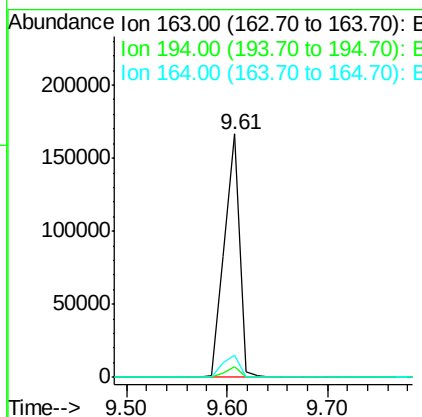
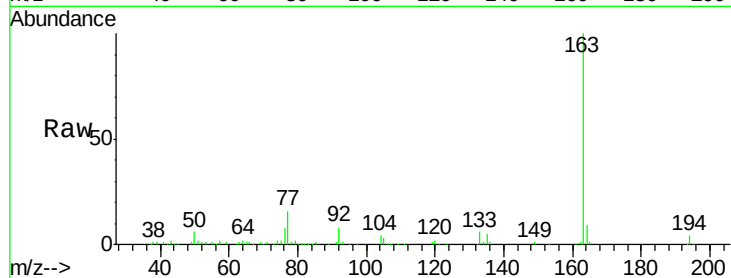
#49
Dimethylphthalate
Concen: 19.33 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080788.D
Acq: 1 Aug 2015 19:01

Instrument :
BNA_F
ClientSampleId :
BB-026CS-1(0-16FTBGS)

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	176928		
194	4.2	2.7	4.1#	
164	9.3	8.7	13.1	

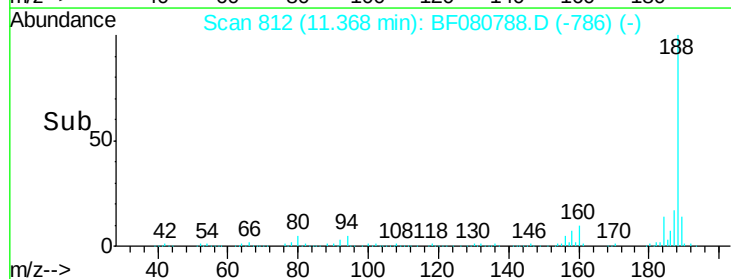
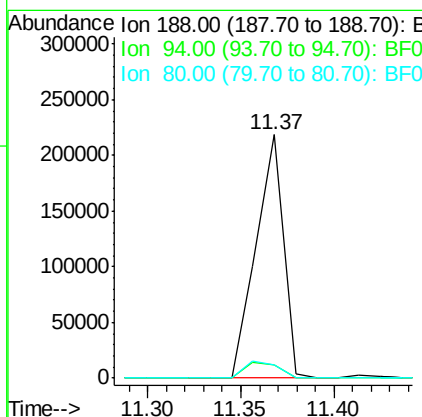
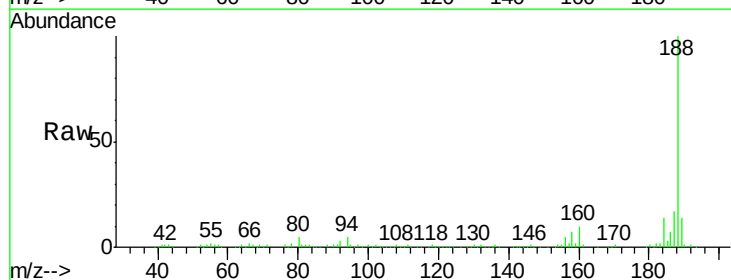
Manual Integrations
APPROVED

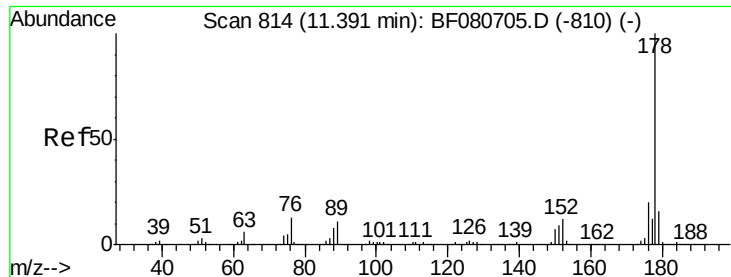
MMDadoda
8/3/2015 3:41:23 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080788.D
Acq: 1 Aug 2015 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	222561		
94	5.2	8.1	12.1#	
80	5.2	9.1	13.7#	





#70

Phenanthrene

Concen: 2.59 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF080788.D

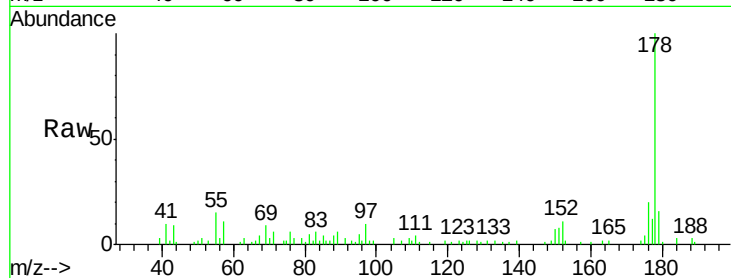
Acq: 1 Aug 2015 19:01

Instrument :

BNA_F

ClientSampleId :

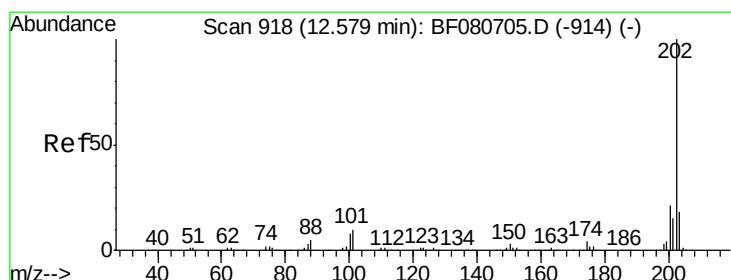
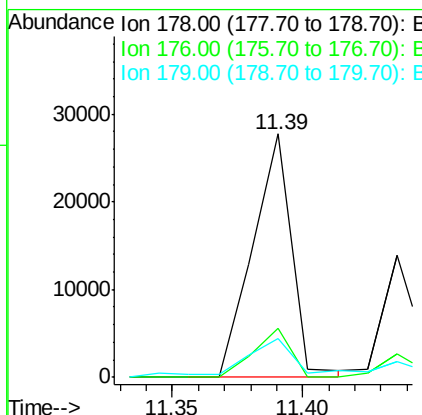
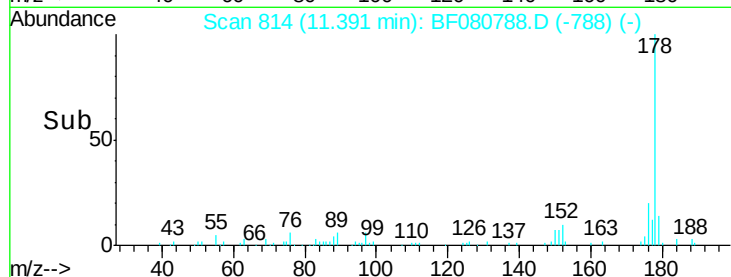
BB-026CS-1(0-16FTBGS)



Tgt Ion:	178	Resp:	28987
Ion Ratio	Lower	Upper	
178	100		
176	20.0	16.2	24.4
179	16.0	13.0	19.4

Manual Integrations
APPROVED

MMDadoda
8/3/2015 3:41:23 PM



#74

Fluoranthene

Concen: 5.68 ng

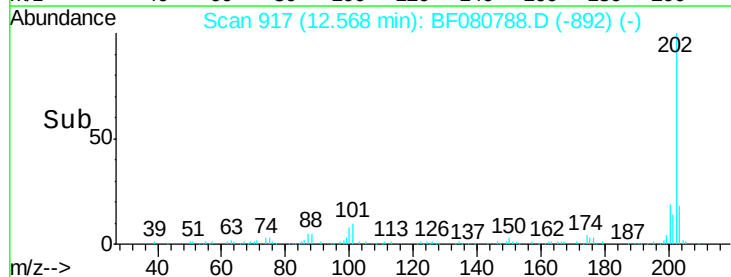
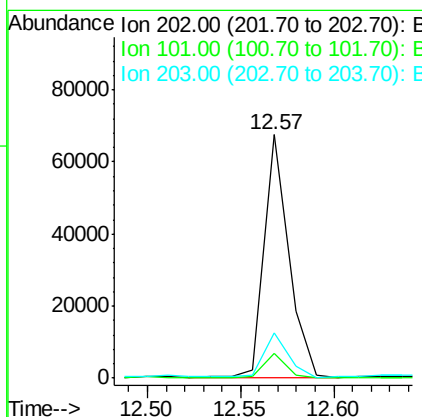
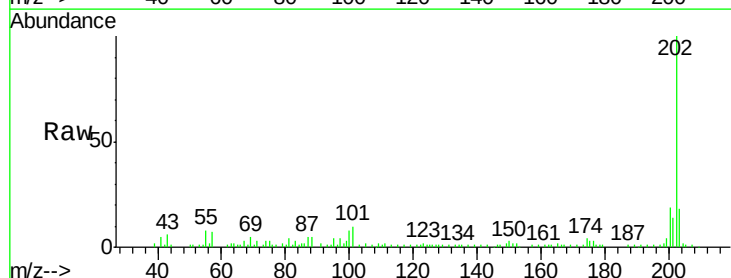
RT: 12.57 min Scan# 917

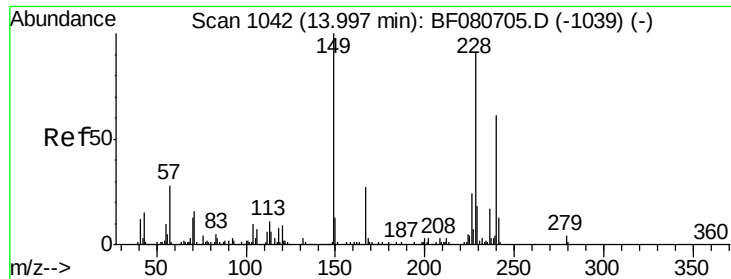
Delta R.T. -0.01 min

Lab File: BF080788.D

Acq: 1 Aug 2015 19:01

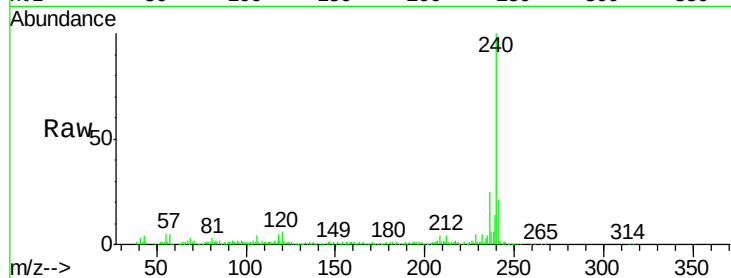
Tgt Ion:	202	Resp:	61622
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	29.6
203	18.4	0.0	37.8





#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080788.D
Acq: 1 Aug 2015 19:01

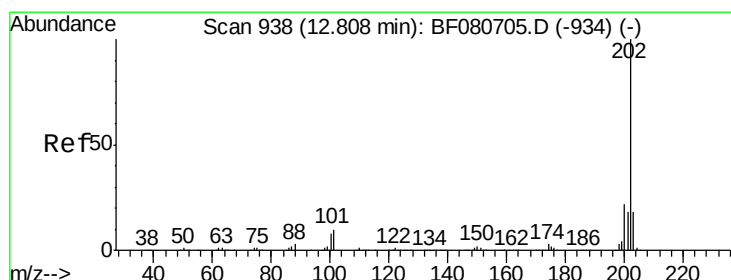
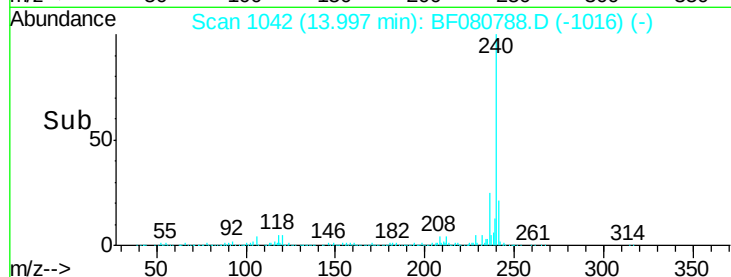
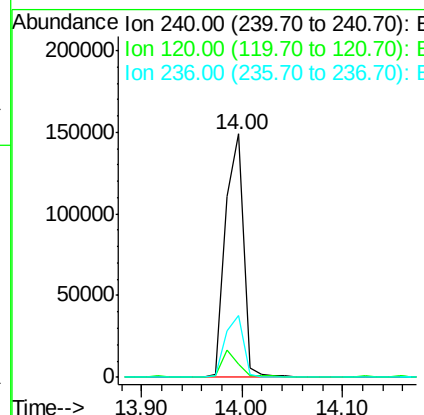
Instrument :
BNA_F
ClientSampleId :
BB-026CS-1(0-16FTBGS)



Tgt Ion	Ratio	Resp	Lower	Upper
240	100	187069		
120	5.7	11.8	17.8#	
236	25.2	21.8	32.8	

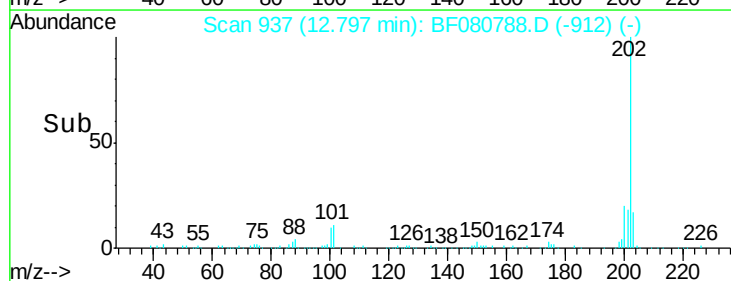
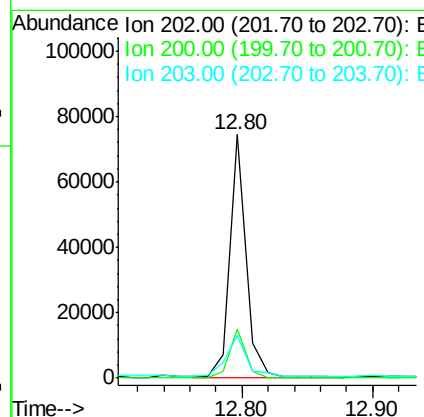
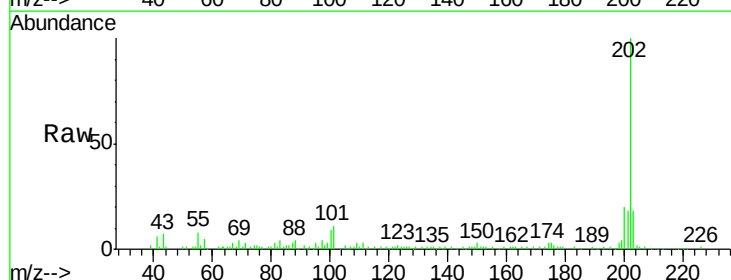
Manual Integrations
APPROVED

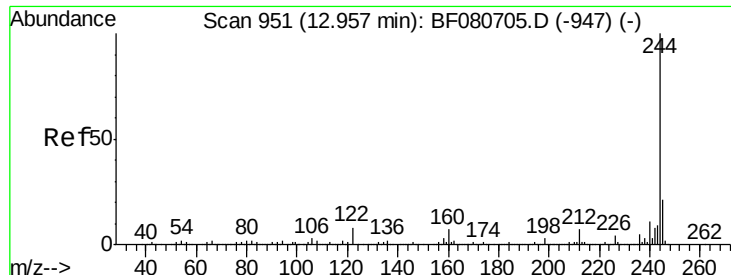
MMDadoda
8/3/2015 3:41:23 PM



#77
Pyrene
Concen: 4.56 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF080788.D
Acq: 1 Aug 2015 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	66194		
200	20.1	17.4	26.2	
203	17.6	14.2	21.2	





#78

Terphenyl-d14

Concen: 53.18 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080788.D

Acq: 1 Aug 2015 19:01

Instrument :

BNA_F

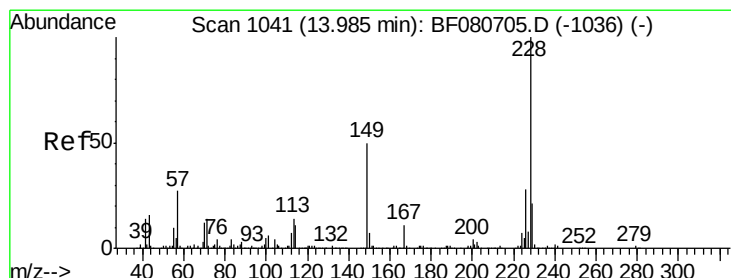
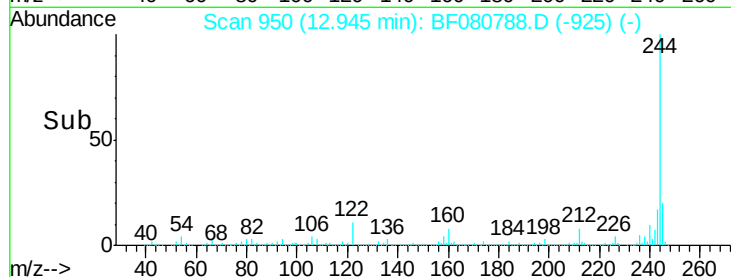
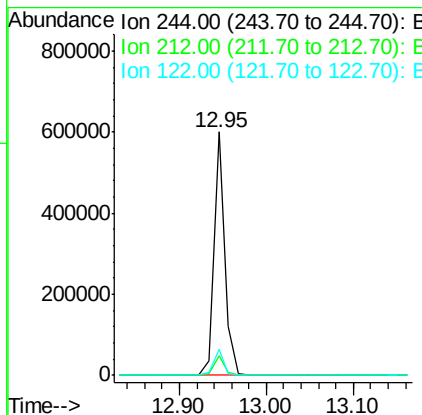
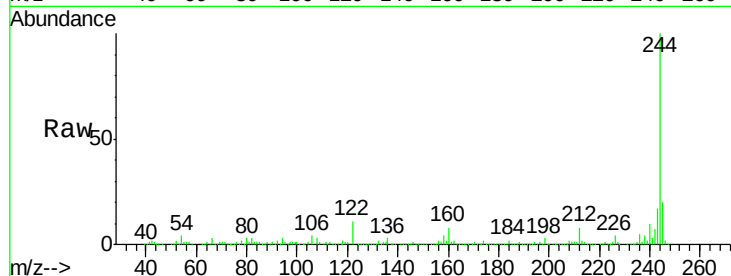
ClientSampleId :

BB-026CS-1(0-16FTBGS)

Manual Integrations
APPROVED

MMDadoda
8/3/2015 3:41:23 PM

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.0	5.9	8.9	
122	10.9	6.6	9.8#	



#80

Benzo(a)anthracene

Concen: 3.52 ng

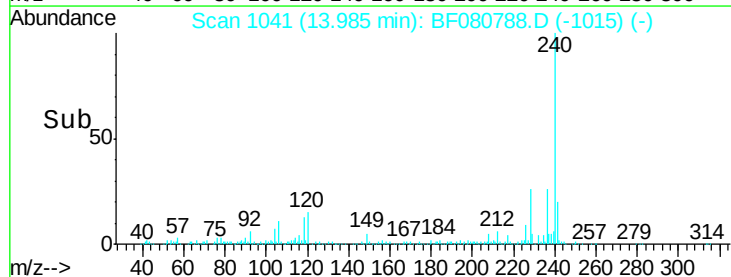
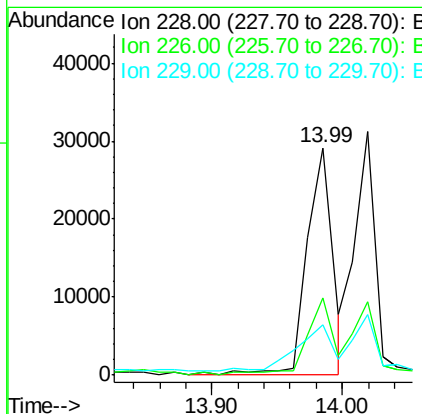
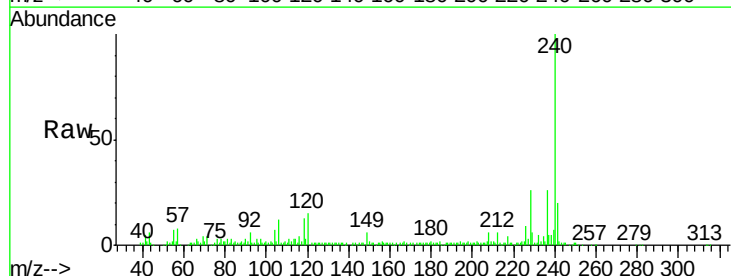
RT: 13.99 min Scan# 1041

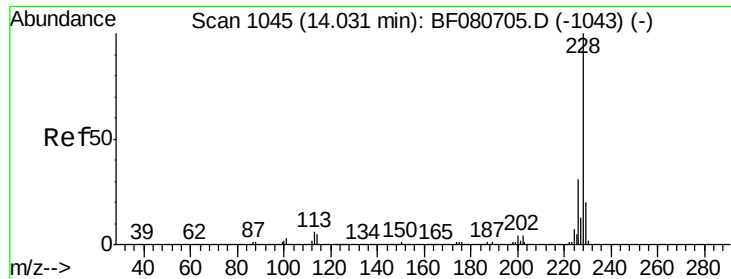
Delta R.T. -0.00 min

Lab File: BF080788.D

Acq: 1 Aug 2015 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	33.8	22.6	33.8	
229	22.2	16.6	25.0	





#82

Chrysene

Concen: 3.20 ng m

RT: 14.02 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF080788.D

Acq: 1 Aug 2015 19:01

Instrument :

BNA_F

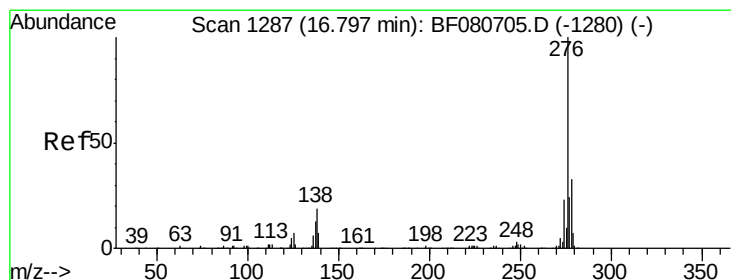
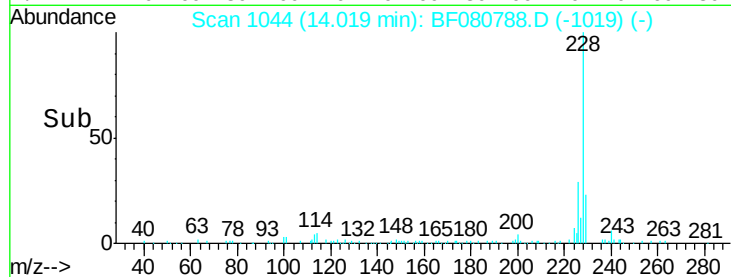
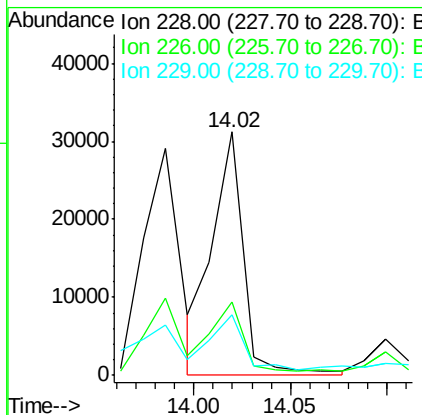
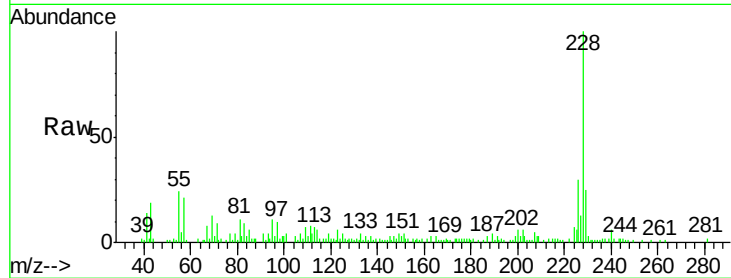
ClientSampleId :

BB-026CS-1(0-16FTBGS)

Manual Integrations
APPROVED

MMDadoda
8/3/2015 3:41:23 PM

Tgt Ion:	228	Resp:	34928
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.1	37.7
229	24.7	15.8	23.8#



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.81 ng m

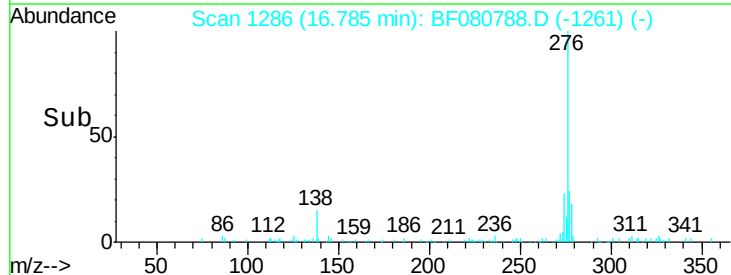
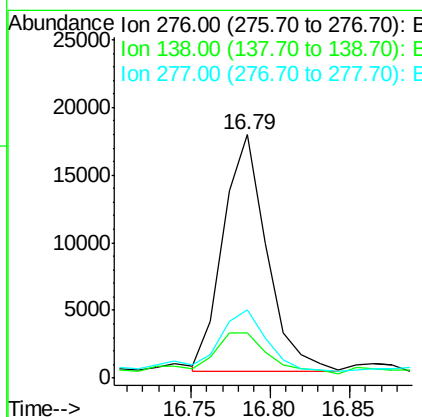
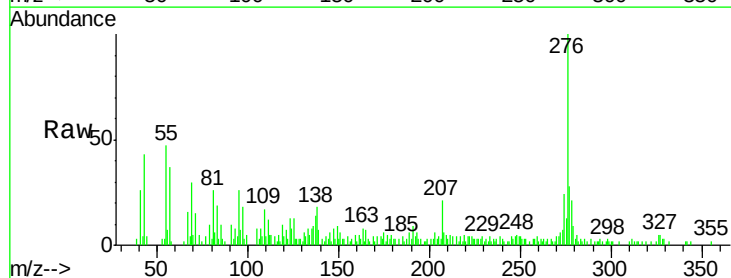
RT: 16.79 min Scan# 1286

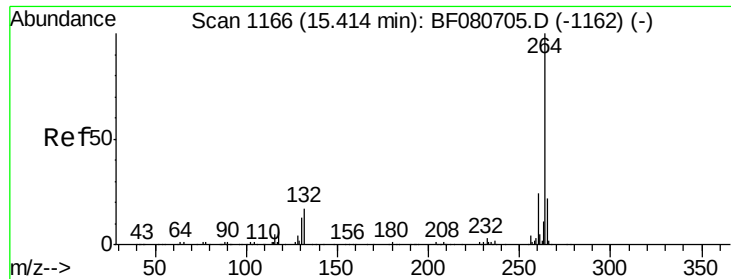
Delta R.T. -0.01 min

Lab File: BF080788.D

Acq: 1 Aug 2015 19:01

Tgt Ion:	276	Resp:	33374
Ion Ratio	Lower	Upper	
276	100		
138	24.1	13.2	19.8#
277	30.7	15.4	23.2#





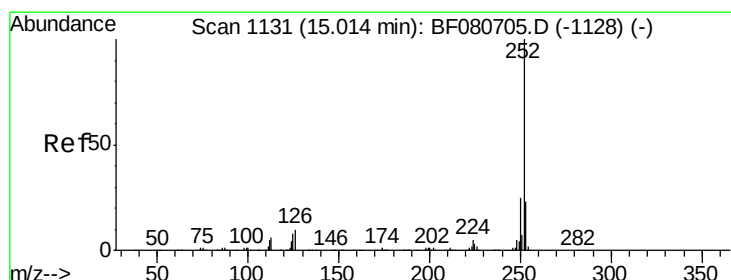
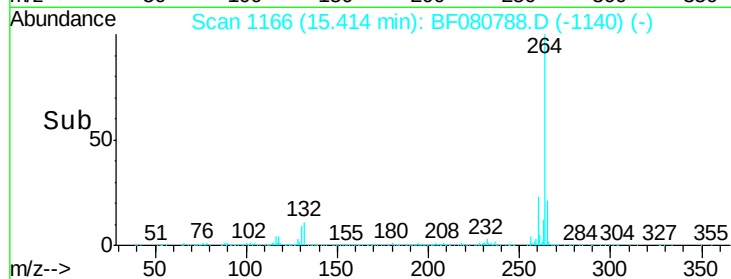
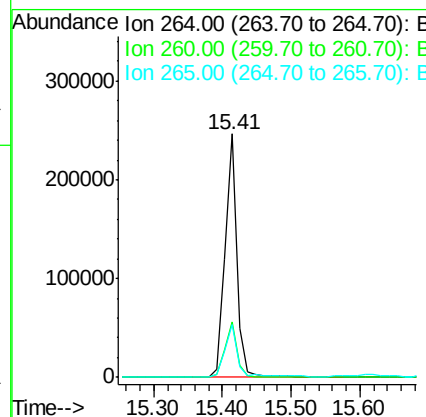
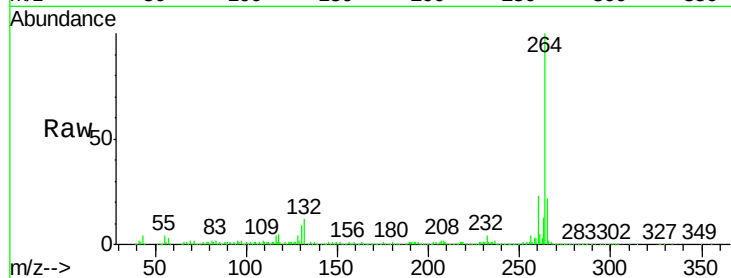
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF080788.D
Acq: 1 Aug 2015 19:01

Instrument :
BNA_F
ClientSampleId :
BB-026CS-1(0-16FTBGS)

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	299729		
260	22.8	19.4	29.0	
265	21.6	17.3	25.9	

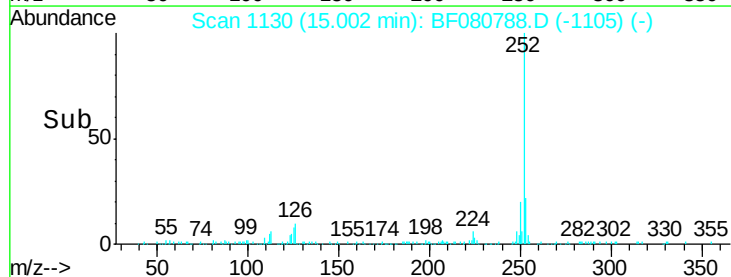
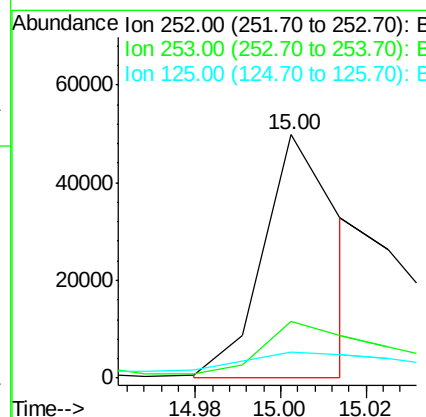
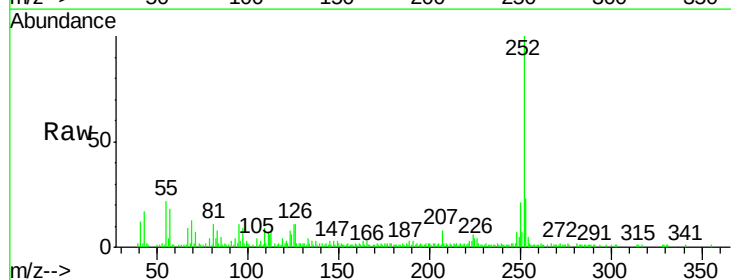
Manual Integrations
APPROVED

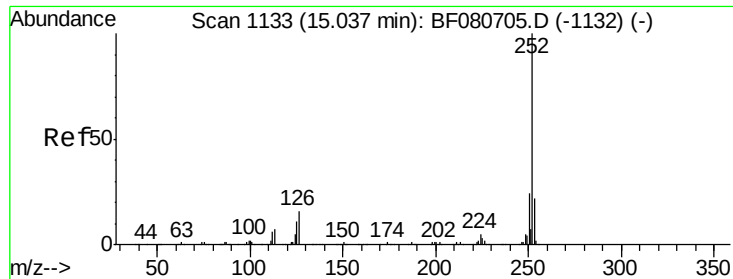
MMDadoda
8/3/2015 3:41:23 PM



#87
Benzo(b)fluoranthene
Concen: 3.50 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF080788.D
Acq: 1 Aug 2015 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	62712		
253	23.1	18.1	27.1	
125	10.9	6.2	9.2#	





#88

Benzo(k)fluoranthene

Concen: 2.15 ng m

RT: 15.01 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BF080788.D

Acq: 1 Aug 2015 19:01

Instrument :

BNA_F

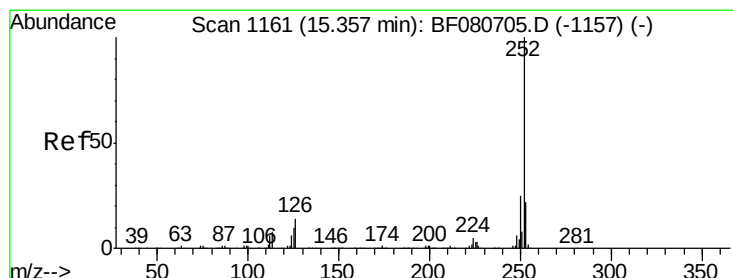
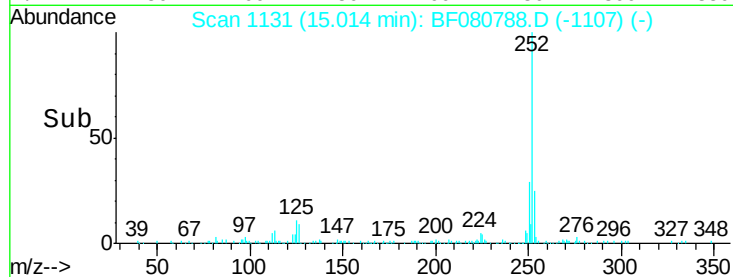
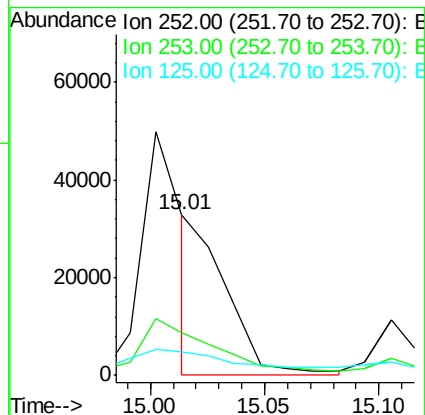
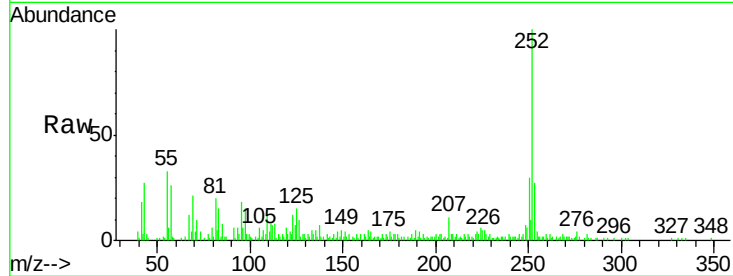
ClientSampleId :

BB-026CS-1(0-16FTBGS)

Tgt Ion:	252	Resp:	31659
Ion Ratio	Lower	Upper	
252	100		
253	26.9	17.8	26.6#
125	14.6	9.0	13.4#

Manual Integrations
APPROVED

MMDadoda
8/3/2015 3:41:23 PM



#89

Benzo(a)pyrene

Concen: 3.86 ng

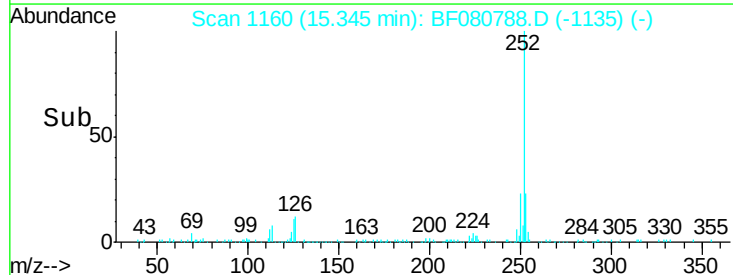
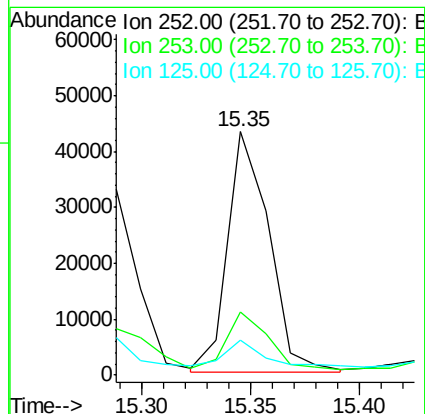
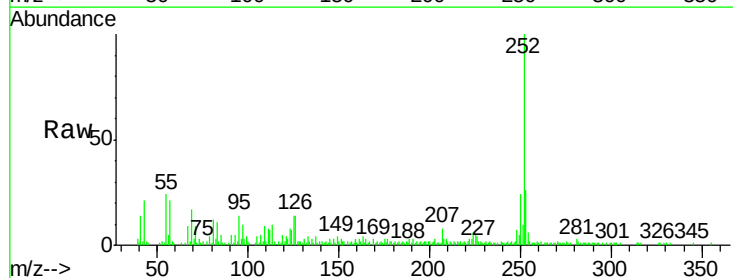
RT: 15.35 min Scan# 1160

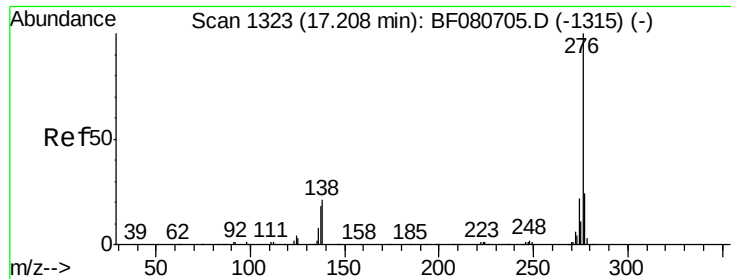
Delta R.T. -0.01 min

Lab File: BF080788.D

Acq: 1 Aug 2015 19:01

Tgt Ion:	252	Resp:	56670
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.2	25.8#
125	14.4	8.2	12.4#





#91
 Benzo(g,h,i)perylene
 Concen: 2.68 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF080788.D
 Acq: 1 Aug 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :
 BB-026CS-1(0-16FTBGS)

Tgt Ion:	276	Resp:	34742
Ion Ratio		Lower	Upper
276	100		
277	27.9	18.9	28.3
138	20.5	16.9	25.3

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 3:41:23 PM

