

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080177.D
 Acq On : 25 Jun 2015 20:36
 Operator : TP/IZ
 Sample : G2658-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP2(7.5)

Manual Integrations
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 6/26/2015 2:05:39 PM

Quant Time: Jun 26 11:25:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 01:01:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	31079	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	114159	20.00	ng	0.00
38) Acenaphthene-d10	10.37	164	72560	20.00	ng	0.01
63) Phenanthrene-d10	11.86	188	104766	20.00	ng	0.00
75) Chrysene-d12	14.73	240	140504	20.00	ng	-0.09
86) Perylene-d12	16.54	264	136525	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	194471	110.77	ng	0.00
7) Phenol-d6	6.89	99	254926	109.11	ng	-0.01
23) Nitrobenzene-d5	7.85	82	202664	103.35	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	50179	70.72	ng	0.00
44) 2-Fluorobiphenyl	9.67	172	283436	55.71	ng	0.00
78) Terphenyl-d14	13.51	244	347566	57.77	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	8.61	128	256030m	42.90	ng	
37) 2-Methylnaphthalene	9.32	142	748158	193.78	ng	# 91
45) 1,1'-Biphenyl	9.77	154	247734	41.96	ng	94
51) Acenaphthene	10.40	154	66833	13.66	ng	# 40
57) Fluorene	10.92	166	148067	26.89	ng	# 74
70) Phenanthrene	11.90	178	530898	83.70	ng	# 93
77) Pyrene	13.37	202	78829m	9.11	ng	

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

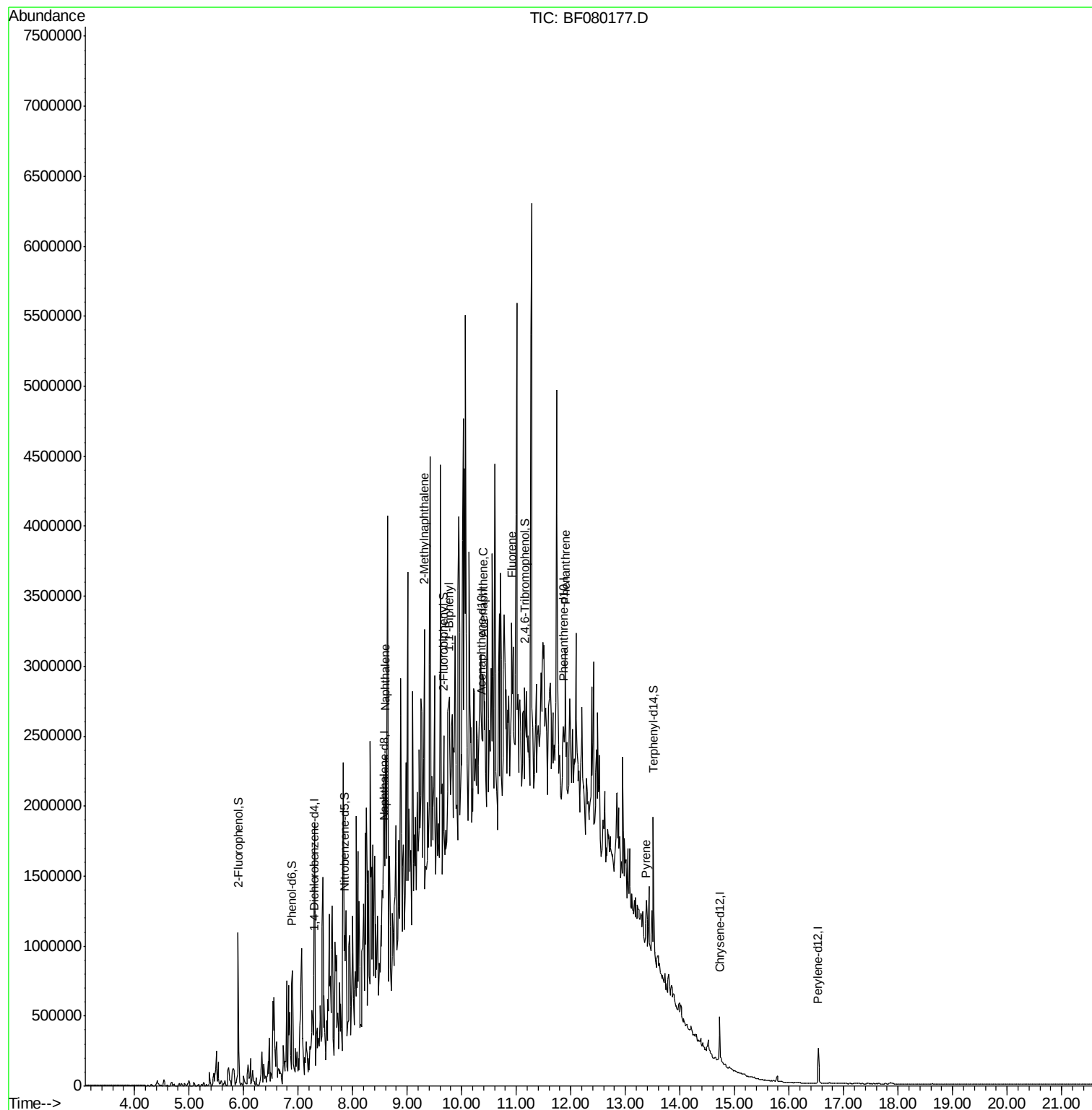
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080177.D
Acq On : 25 Jun 2015 20:36
Operator : TP/IZ
Sample : G2658-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

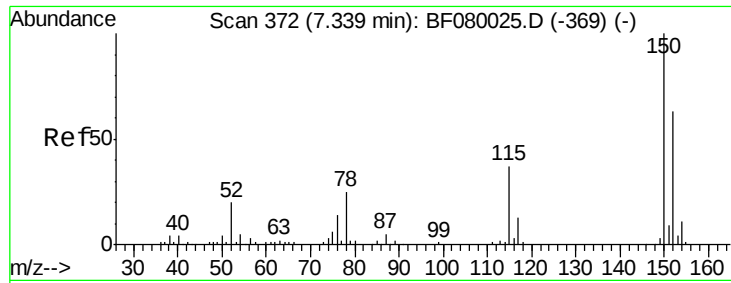
Instrument :
BNA_F
ClientSampleId :
GP2(7.5)

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Quant Time: Jun 26 11:25:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
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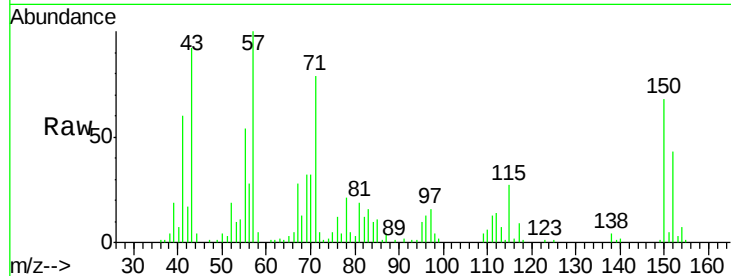




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

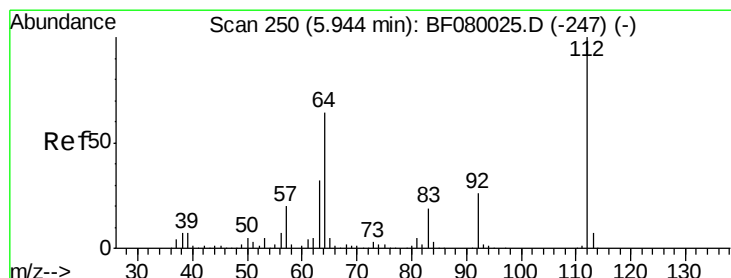
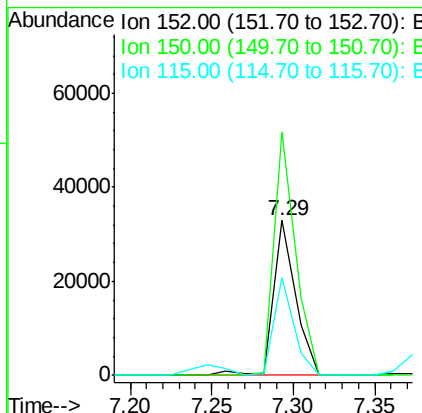
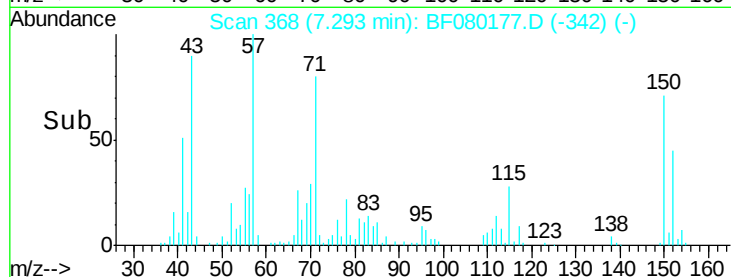
Instrument :
BNA_F
ClientSampleId :
GP2(7.5)



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.7	187.1
115	63.0	39.0	58.4

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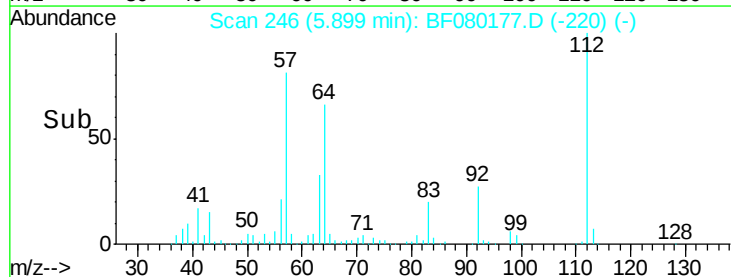
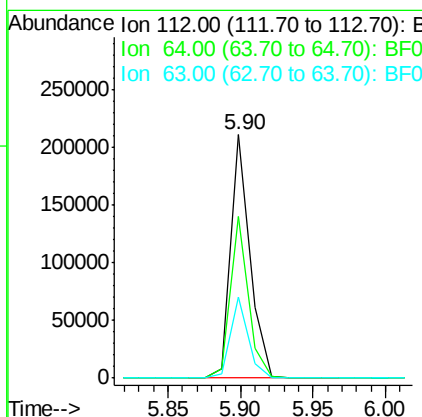
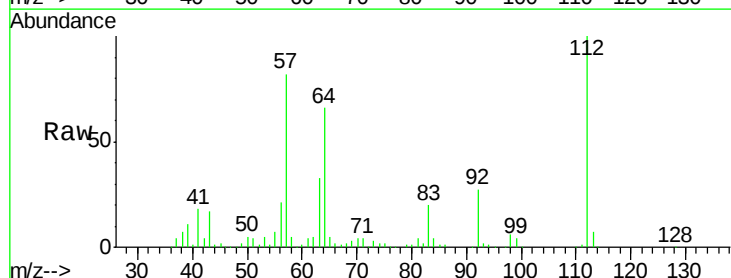
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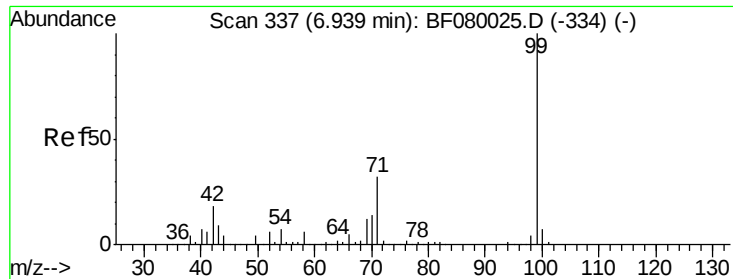


#5

2-Fluorophenol
Concen: 110.77 ng
RT: 5.90 min Scan# 246
Delta R.T. 0.00 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	39.7	59.5
63	33.1	17.4	26.0





#7

Phenol-d6

Concen: 109.11 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF080177.D

Acq: 25 Jun 2015 20:36

Instrument :

BNA_F

ClientSampleId :

GP2(7.5)

Tgt Ion: 99 Resp: 254926
Ion Ratio Lower Upper

99 100

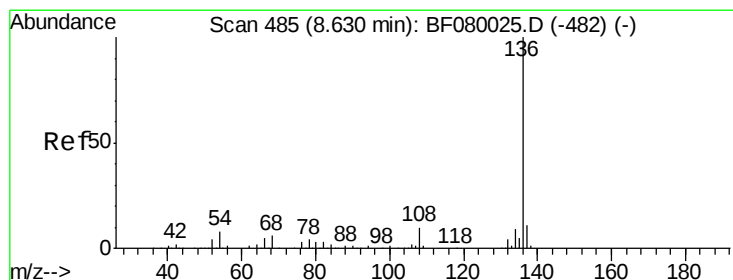
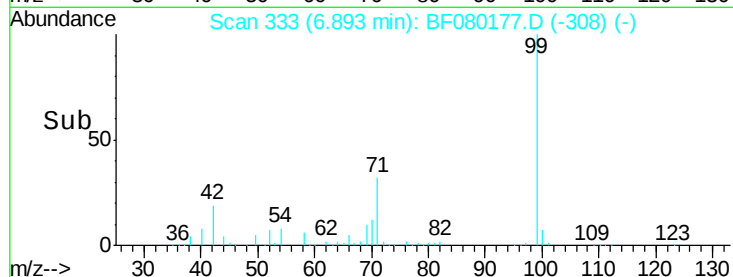
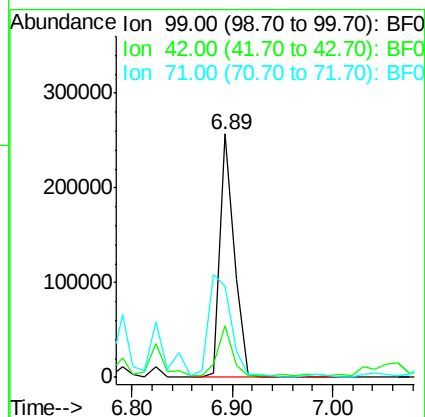
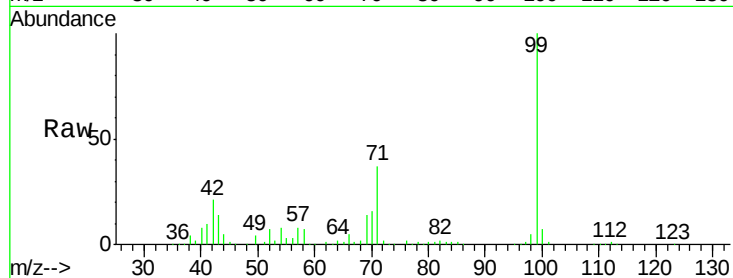
42 21.3 13.7 20.5#

71 37.4 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.58 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF080177.D

Acq: 25 Jun 2015 20:36

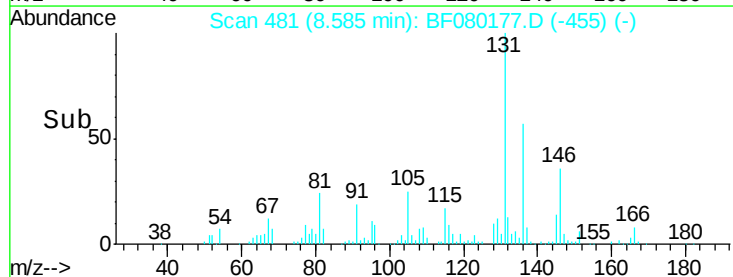
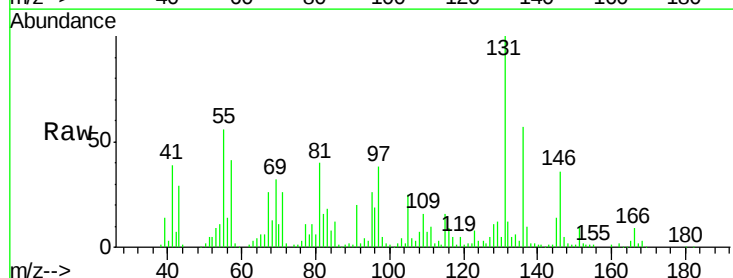
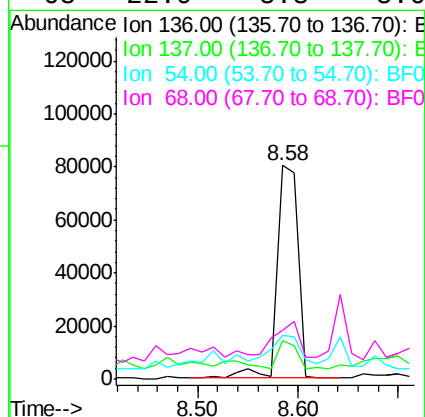
Tgt Ion: 136 Resp: 114159
Ion Ratio Lower Upper

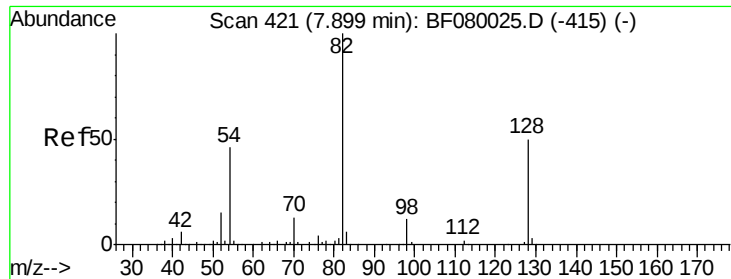
136 100

137 17.8 9.0 13.6#

54 20.1 8.2 12.2#

68 22.9 5.8 8.6#





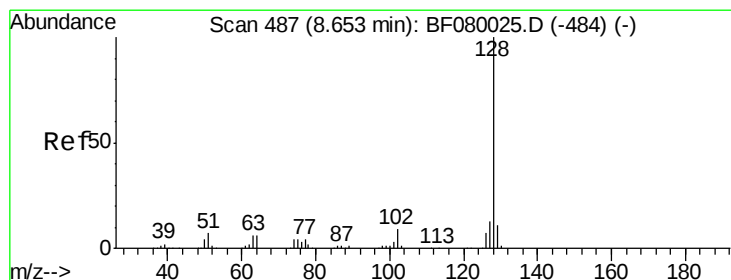
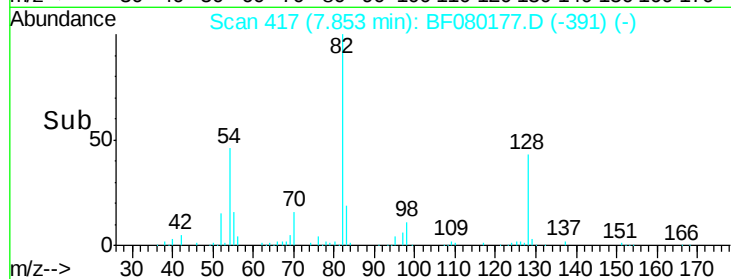
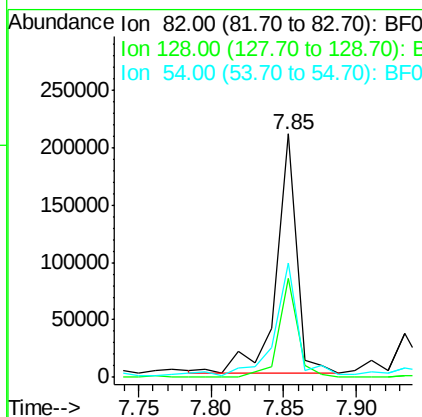
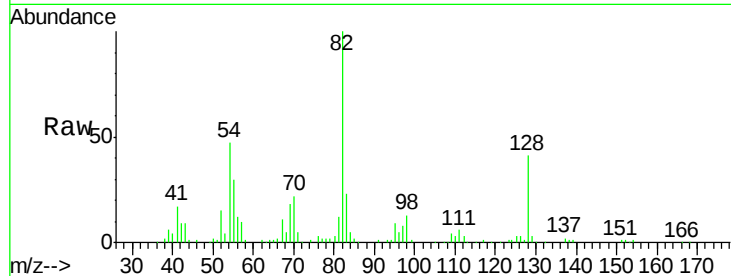
#23
 Nitrobenzene-d5
 Concen: 103.35 ng
 RT: 7.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF080177.D
 Acq: 25 Jun 2015 20:36

Instrument :
 BNA_F
 ClientSampleID :
 GP2(7.5)

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	40.6	51.0	76.6#
54	46.8	47.5	71.3#

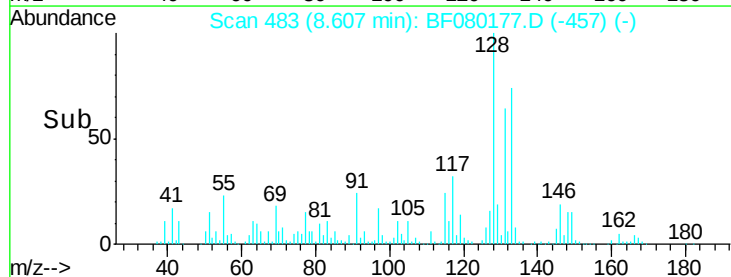
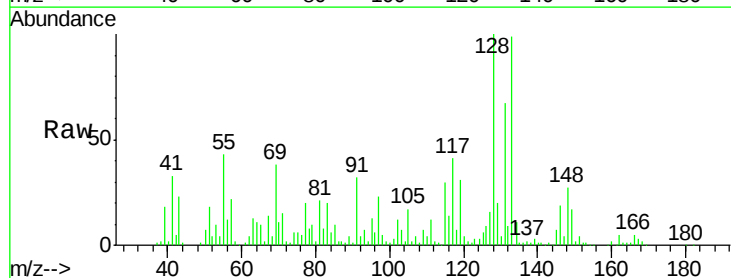
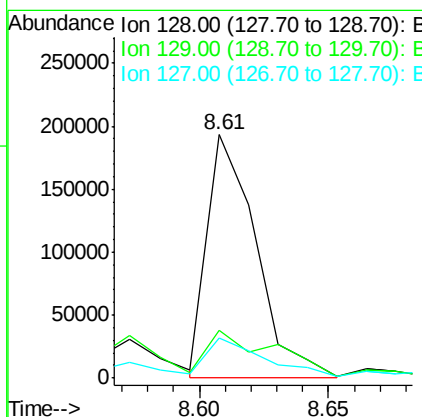
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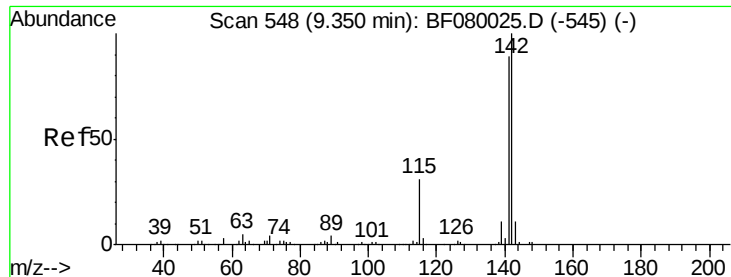
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#31
 Naphthalene
 Concen: 42.90 ng m
 RT: 8.61 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF080177.D
 Acq: 25 Jun 2015 20:36

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
129	19.8	8.4	12.6#
127	16.4	9.9	14.9#





#37

2-Methylnaphthalene

Concen: 193.78 ng

RT: 9.32 min Scan# 545

Delta R.T. 0.01 min

Lab File: BF080177.D

Acq: 25 Jun 2015 20:36

Instrument :

BNA_F

ClientSampleId :

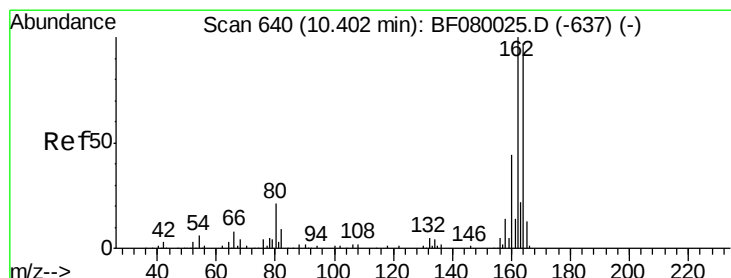
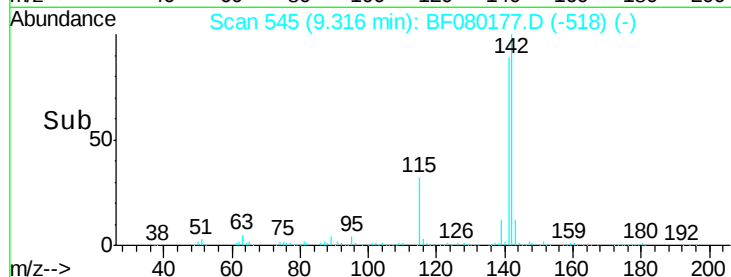
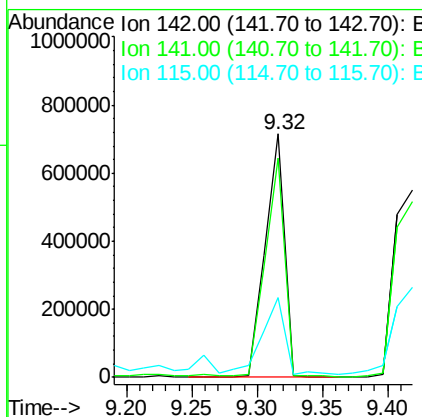
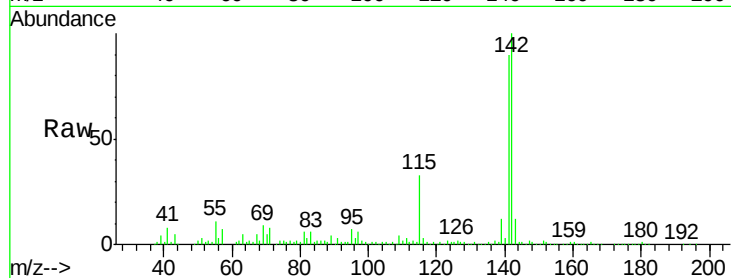
GP2(7.5)

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Tgt Ion:	142	Resp:	748158
Ion Ratio	Lower	Upper	
142	100		
141	89.9	67.5	101.3
115	32.8	18.2	27.2#



#38

Acenaphthene-d10

Concen: 20.00 ng

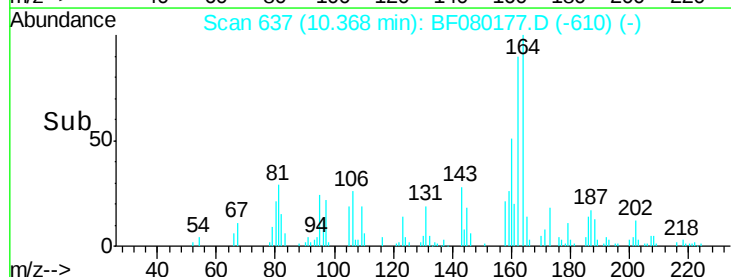
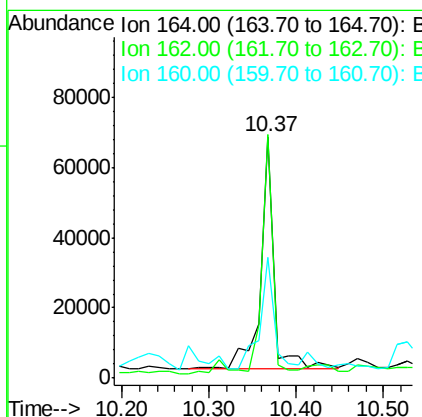
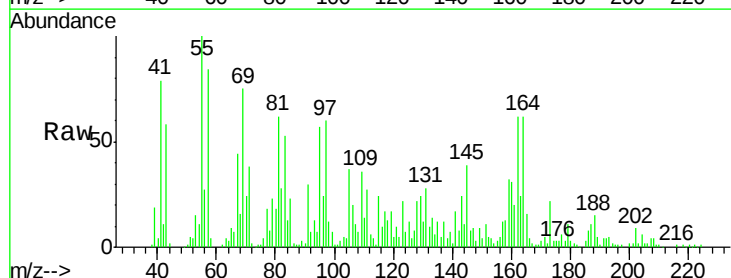
RT: 10.37 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF080177.D

Acq: 25 Jun 2015 20:36

Tgt Ion:	164	Resp:	72560
Ion Ratio	Lower	Upper	
164	100		
162	101.0	75.2	112.8
160	50.2	31.5	47.3#





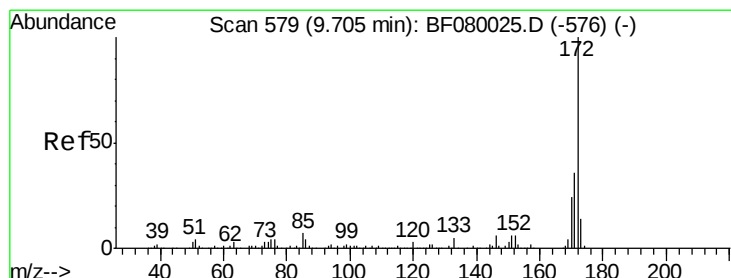
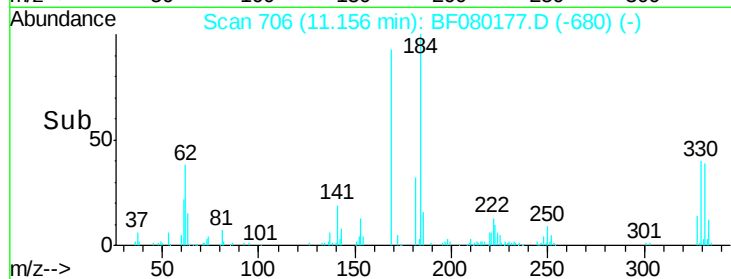
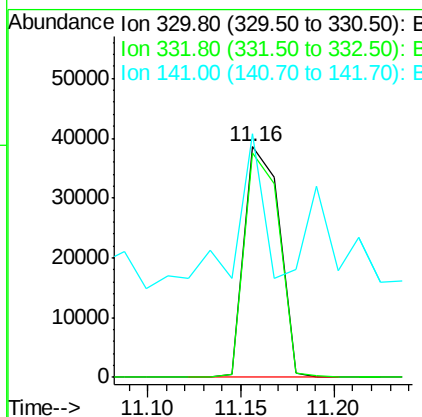
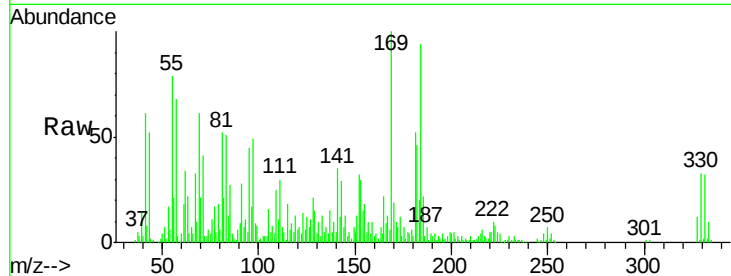
#41
 2,4,6-Tribromophenol
 Concen: 70.72 ng
 RT: 11.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF080177.D
 Acq: 25 Jun 2015 20:36

Instrument :
 BNA_F
 ClientSampleId :
 GP2(7.5)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	114.8
141	41.7	29.7	44.5

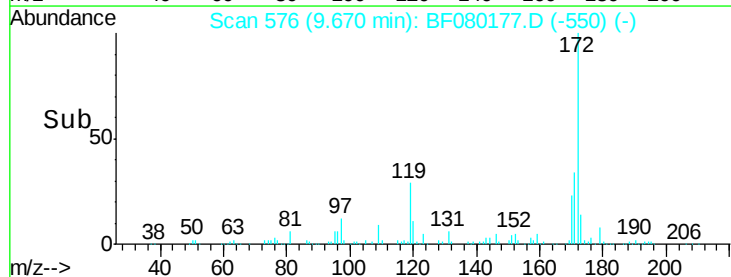
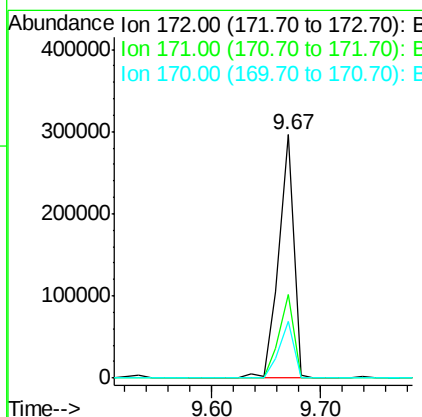
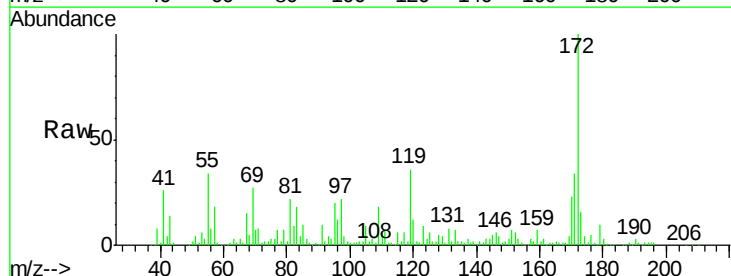
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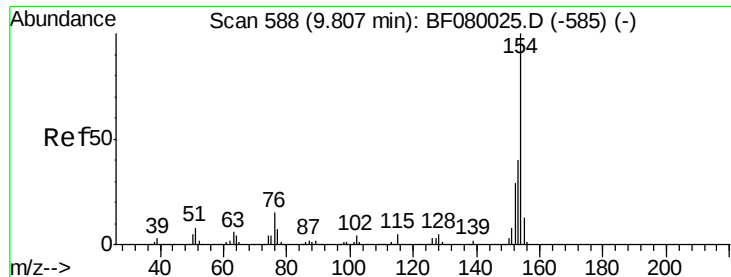
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#44
 2-Fluorobiphenyl
 Concen: 55.71 ng
 RT: 9.67 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF080177.D
 Acq: 25 Jun 2015 20:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	26.1	39.1
170	23.2	17.4	26.2





#45

1,1'-Biphenyl

Concen: 41.96 ng

RT: 9.77 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF080177.D

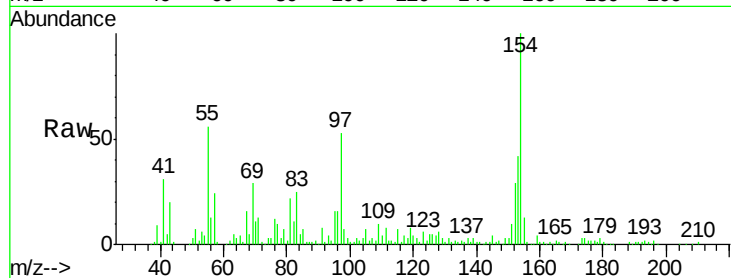
Acq: 25 Jun 2015 20:36

Instrument :

BNA_F

ClientSampleId :

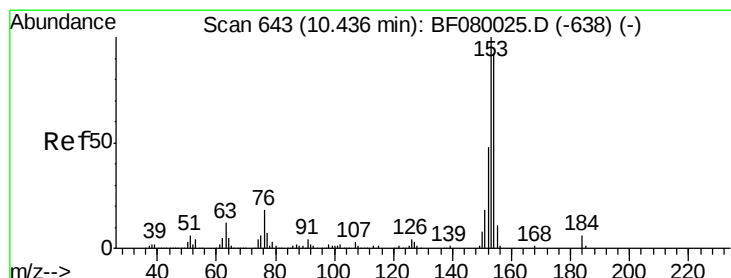
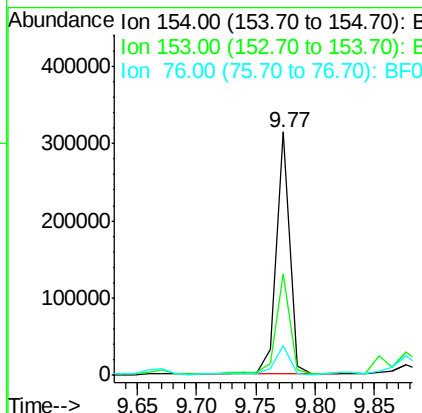
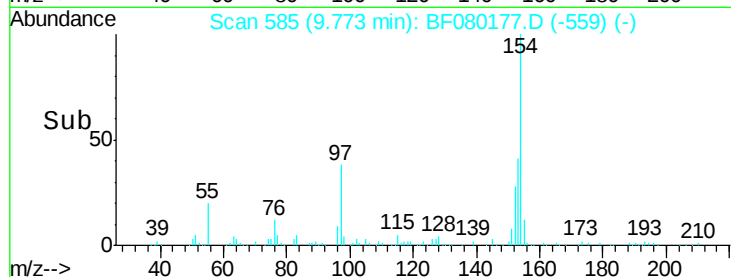
GP2(7.5)



Tgt Ion:	154	Resp:	247734
Ion Ratio	Lower	Upper	
154	100		
153	41.7	17.1	57.1
76	12.3	0.0	31.6

Manual Integrations
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#51

Acenaphthene

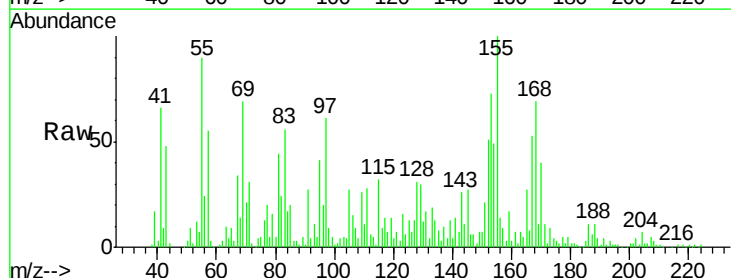
Concen: 13.66 ng

RT: 10.40 min Scan# 640

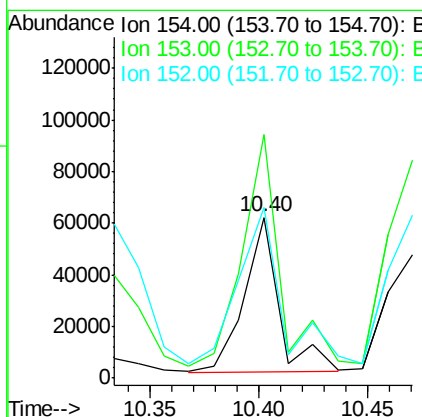
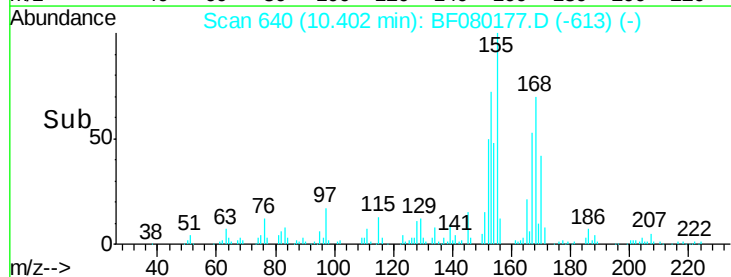
Delta R.T. 0.01 min

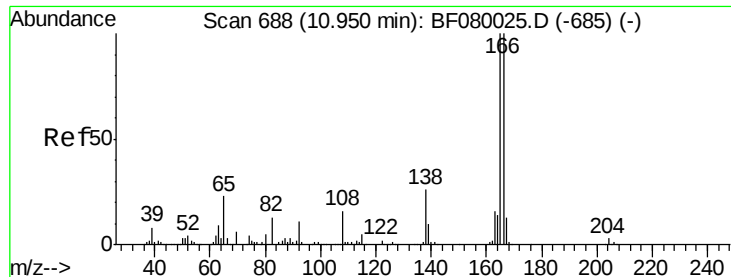
Lab File: BF080177.D

Acq: 25 Jun 2015 20:36



Tgt Ion:	154	Resp:	66833
Ion Ratio	Lower	Upper	
154	100		
153	151.2	82.1	123.1#
152	105.8	37.9	56.9#





#57

Fluorene

Concen: 26.89 ng

RT: 10.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF080177.D

Acq: 25 Jun 2015 20:36

Instrument :

BNA_F

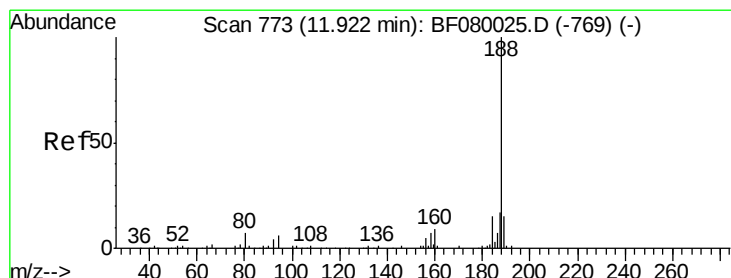
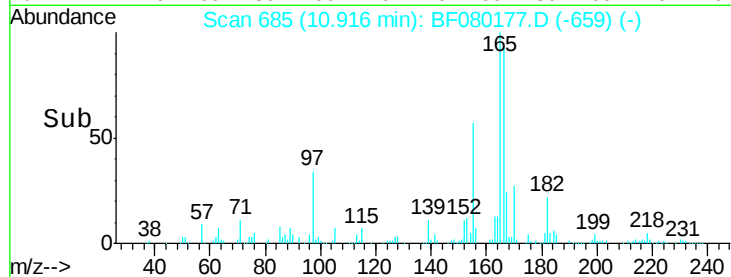
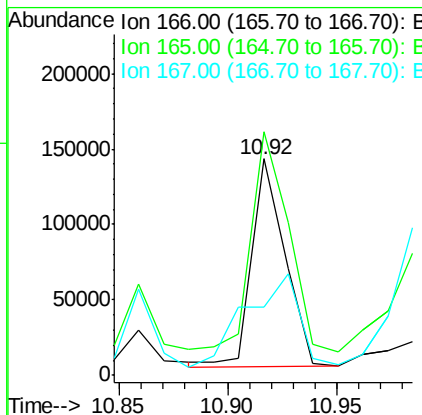
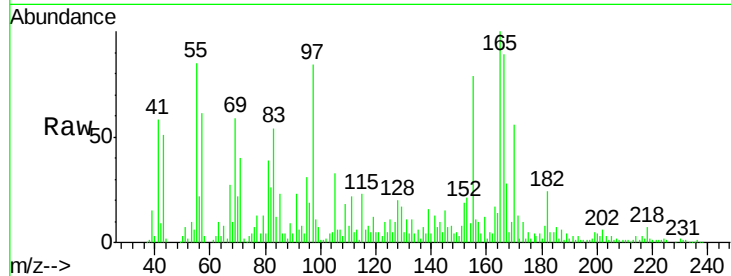
ClientSampled :

GP2(7.5)

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	148067		
165	112.5	72.6	109.0#	
167	31.4	10.6	16.0#	

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.00 ng

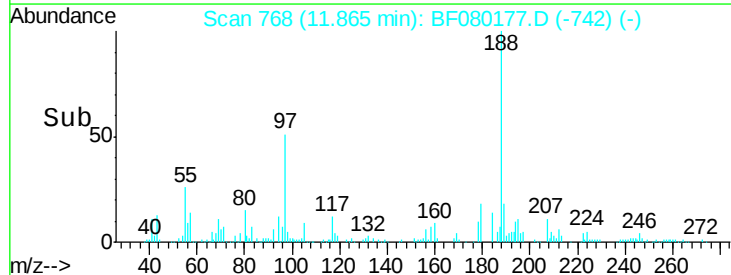
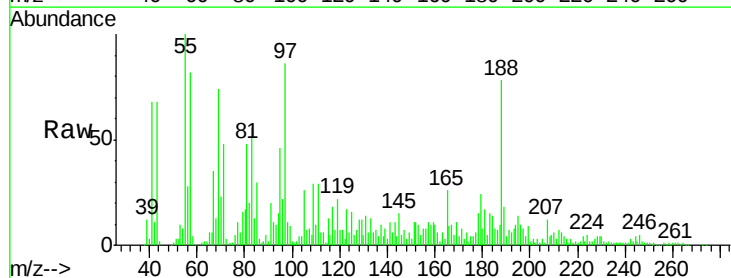
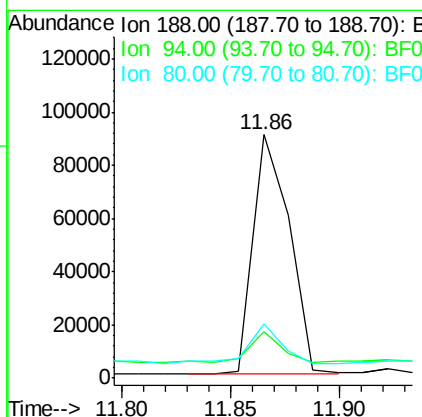
RT: 11.86 min Scan# 768

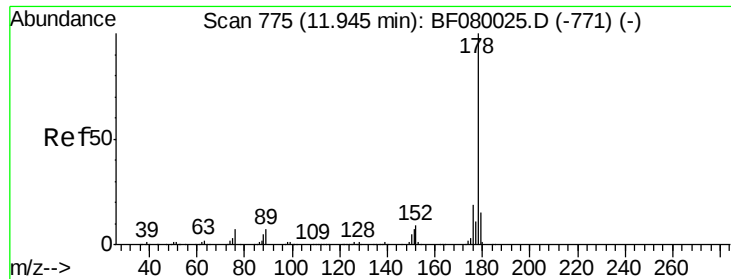
Delta R.T. 0.00 min

Lab File: BF080177.D

Acq: 25 Jun 2015 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	104766		
94	19.1	11.1	16.7#	
80	22.1	11.0	16.4#	





#70

Phenanthrene

Concen: 83.70 ng

RT: 11.90 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF080177.D

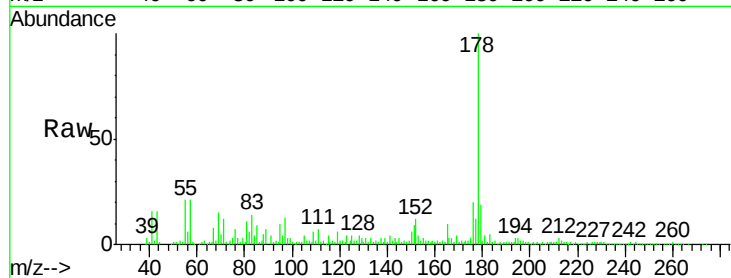
Acq: 25 Jun 2015 20:36

Instrument :

BNA_F

ClientSampleId :

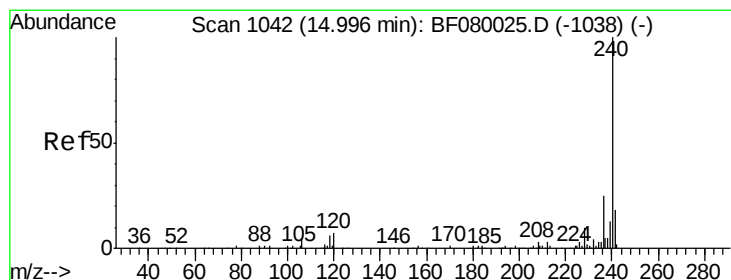
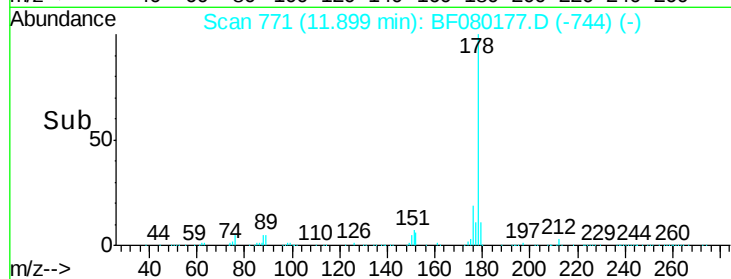
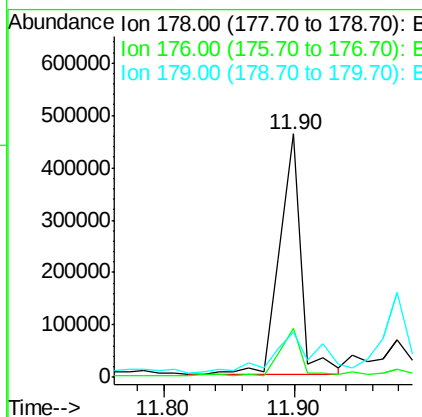
GP2(7.5)



Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	13.8	20.8
179	18.5	12.2	18.2

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#75

Chrysene-d12

Concen: 20.00 ng

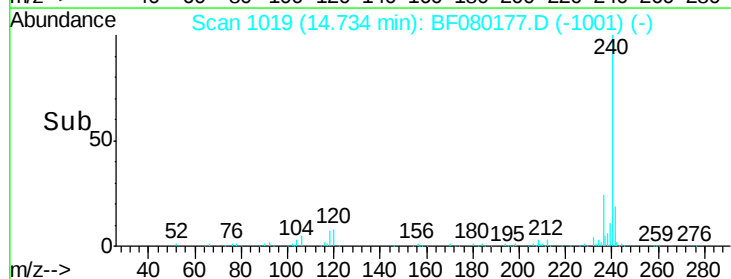
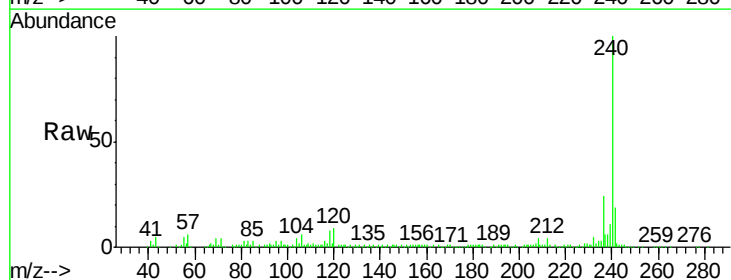
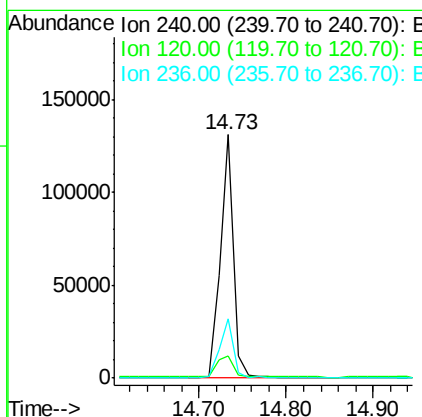
RT: 14.73 min Scan# 1019

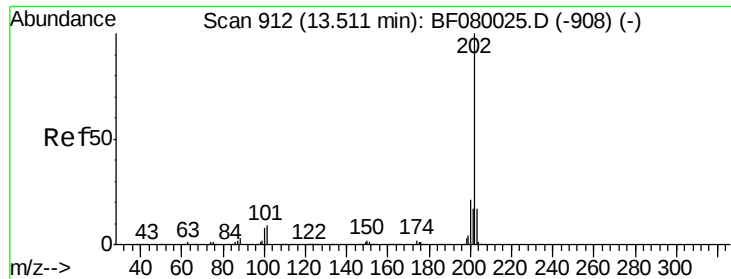
Delta R.T. -0.09 min

Lab File: BF080177.D

Acq: 25 Jun 2015 20:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	16.2	24.2
236	24.4	18.4	27.6





#77

Pyrene

Concen: 9.11 ng m

RT: 13.37 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF080177.D

Acq: 25 Jun 2015 20:36

Instrument :

BNA_F

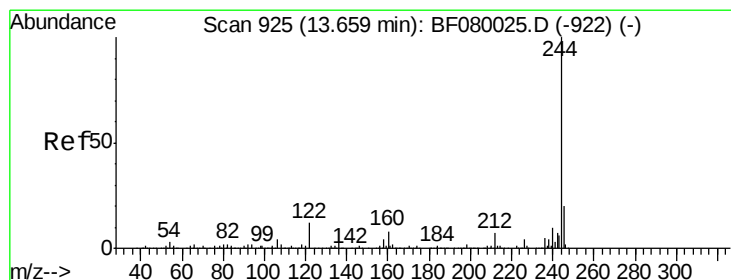
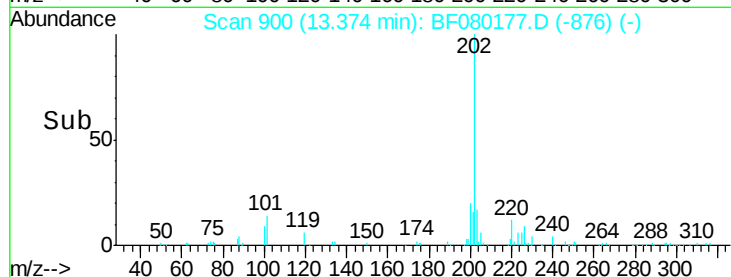
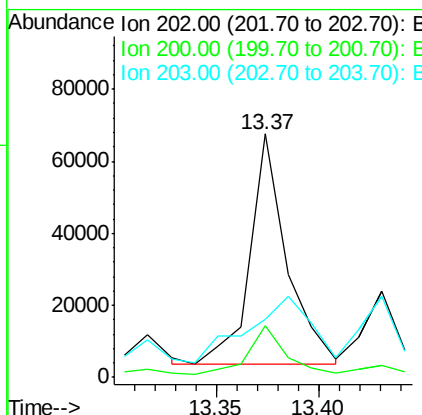
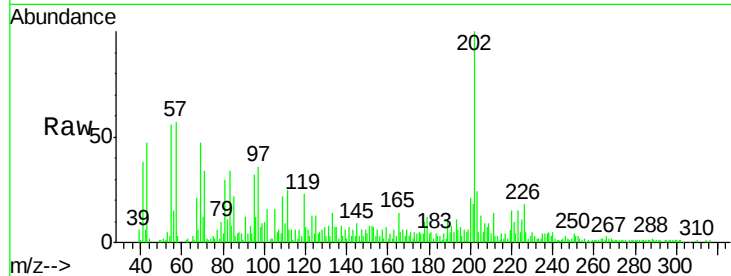
ClientSampleId :

GP2(7.5)

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	78829		
200	20.9	15.0	22.4	
203	23.9	14.1	21.1	

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#78

Terphenyl-d14

Concen: 57.77 ng

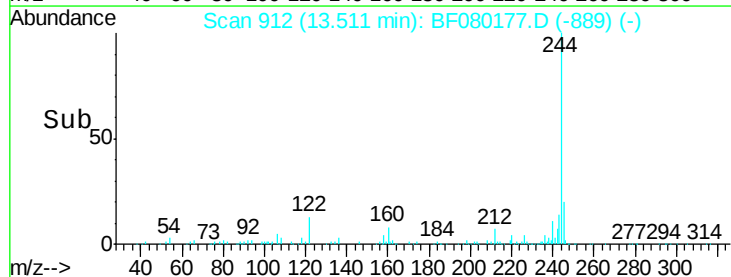
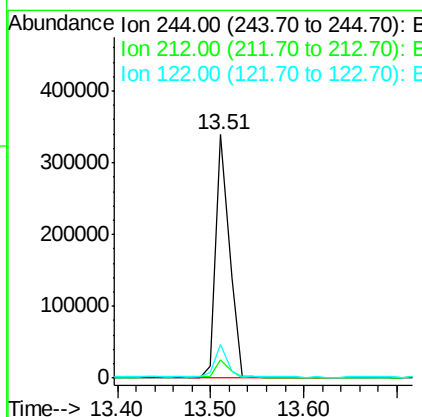
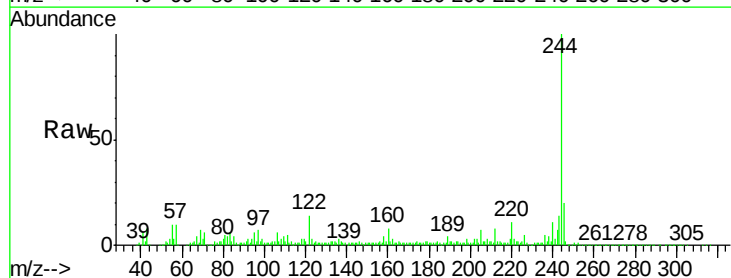
RT: 13.51 min Scan# 912

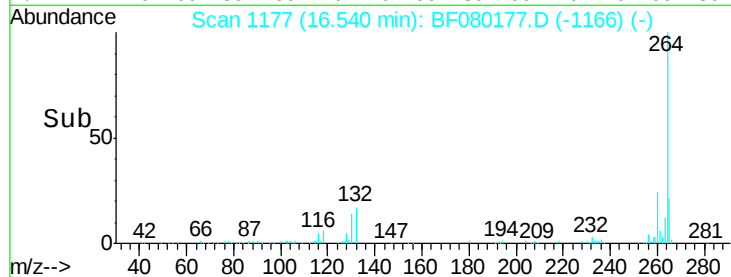
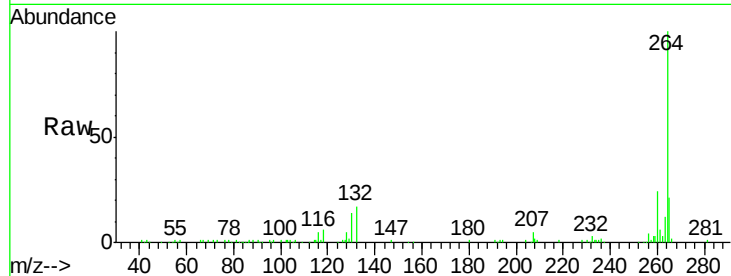
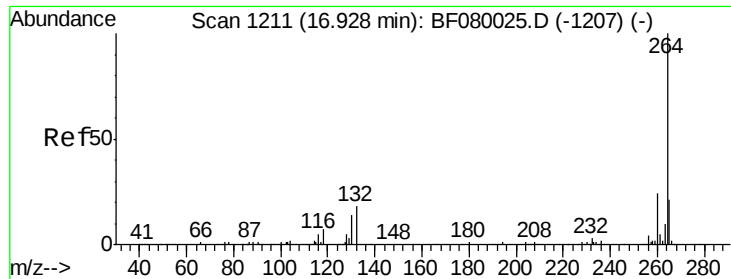
Delta R.T. -0.03 min

Lab File: BF080177.D

Acq: 25 Jun 2015 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	347566		
212	7.5	4.3	6.5	
122	13.7	17.4	26.2	





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.54 min Scan# 1177
Delta R.T. -0.17 min
Lab File: BF080177.D
Acq: 25 Jun 2015 20:36

Instrument :
BNA_F
ClientSampleId :
GP2(7.5)

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.7	16.7	25.1
265	21.3	17.2	25.8

Manual Integrations
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