

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072015\
 Data File : BG017998.D
 Acq On : 20 Jul 2015 20:37
 Operator : TP/UM
 Sample : G3024-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 UST-1(0-2)

Manual Integrations
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 7/22/2015 9:43:39 AM

Quant Time: Jul 21 01:47:56 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	111364	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	465840	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	258236	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	493921	20.00	ng	0.00
75) Chrysene-d12	21.20	240	502749	20.00	ng	0.00
86) Perylene-d12	23.42	264	504132	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	702433	110.03	ng	0.01
7) Phenol-d6	6.78	99	902086	107.86	ng	0.01
23) Nitrobenzene-d5	8.74	82	536170	74.55	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	315713	120.67	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	970928	65.16	ng	0.00
78) Terphenyl-d14	19.65	244	1174849	58.86	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.71	163	393318	21.93	ng	100
70) Phenanthrene	17.04	178	152895	6.00	ng	99
74) Fluoranthene	19.08	202	252204	9.04	ng	95
77) Pyrene	19.43	202	228397	8.15	ng	94
80) Benzo(a)anthracene	21.19	228	135491	5.10	ng	98
82) Chrysene	21.23	228	120781m	4.78	ng	
87) Benzo(b)fluoranthene	22.75	252	171810m	6.23	ng	
89) Benzo(a)pyrene	23.32	252	113840	4.43	ng	100

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

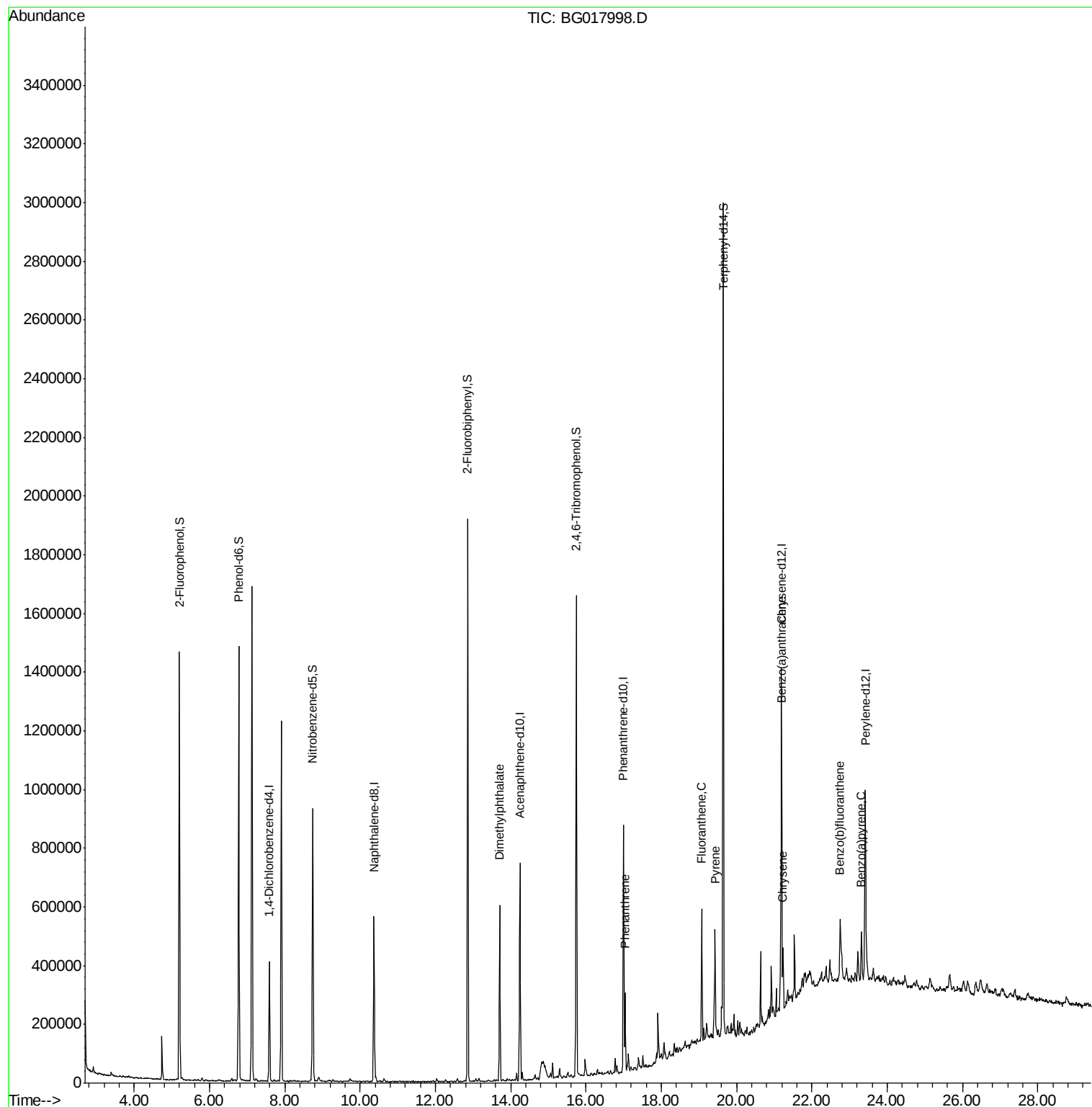
Data Path : Z:\HPCHEM1\BNA_G\Data\BG072015\
Data File : BG017998.D
Acq On : 20 Jul 2015 20:37
Operator : TP/UM
Sample : G3024-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

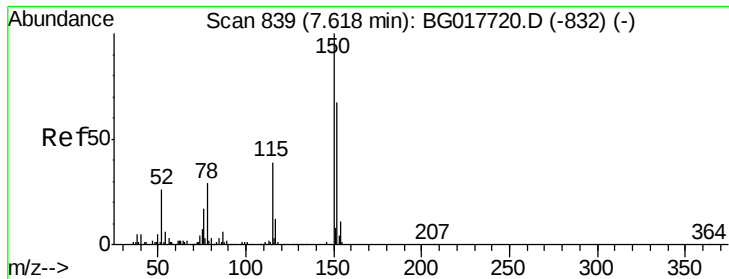
Instrument :
BNA_G
ClientSampleId :
UST-1(0-2)

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Quant Time: Jul 21 01:47:56 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
Response via : Initial Calibration





#1

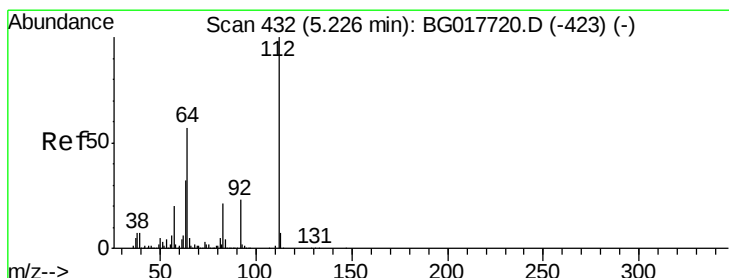
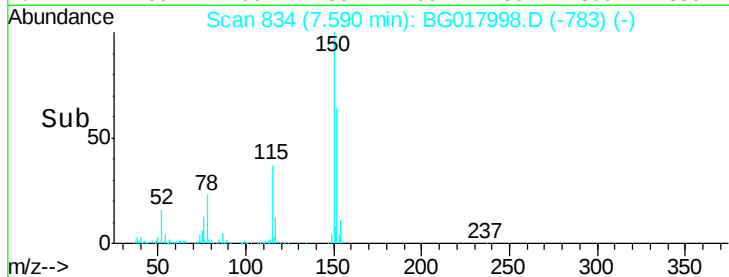
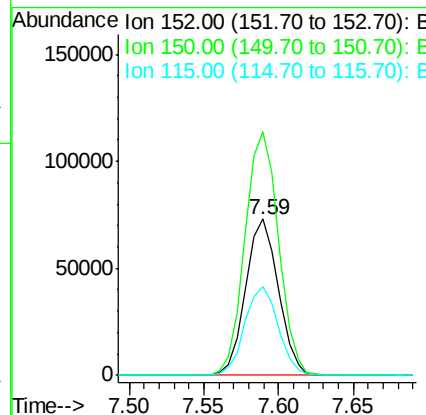
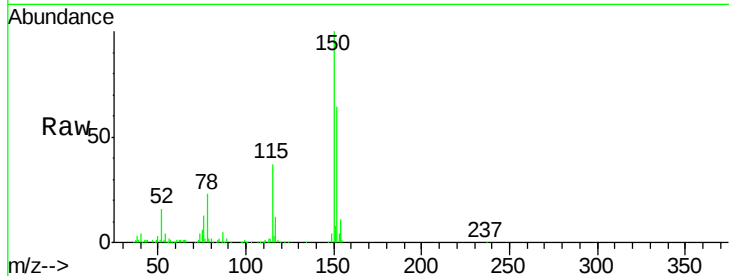
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Instrument :
BNA_G
ClientSampleId :
UST-1(0-2)

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		111364		
150	155.9	119.1	178.7		
115	56.9	47.0	70.4		

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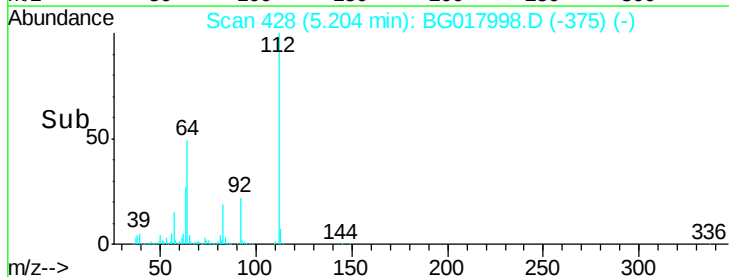
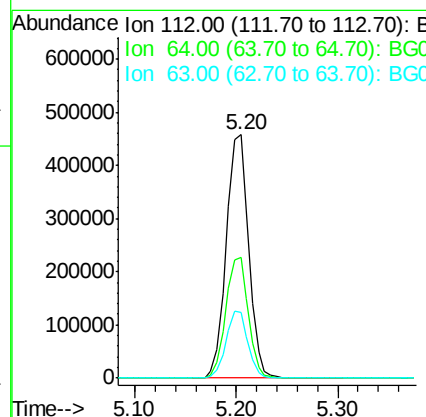
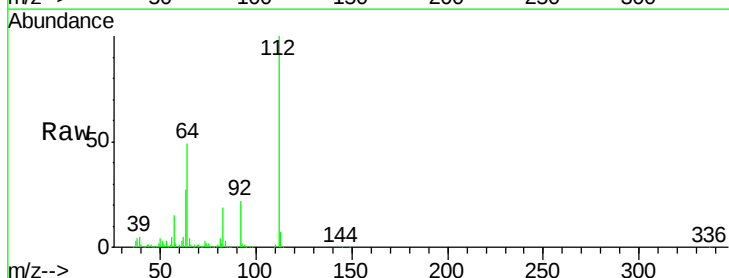
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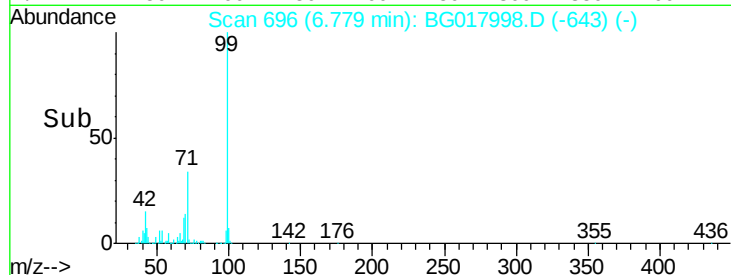
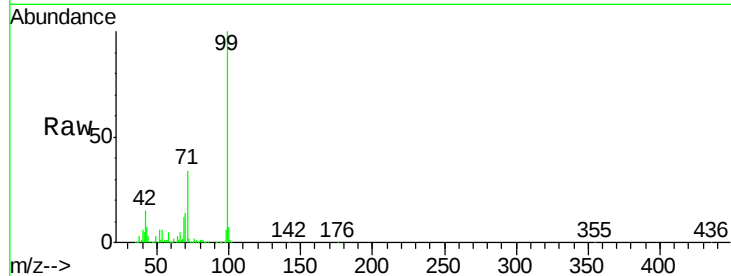
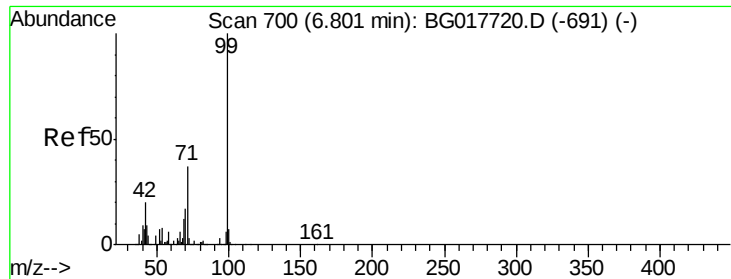


#5

2-Fluorophenol
Concen: 110.03 ng
RT: 5.20 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Tgt	Ion	Ratio	Resp	Lower	Upper
112	100		702433		
64	49.3	45.4	68.0		
63	26.8	25.3	37.9		





#7

Phenol-d6

Concen: 107.86 ng

RT: 6.78 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG017998.D

Acq: 20 Jul 2015 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	902086		
42	15.0	16.2	24.4#	
71	34.2	29.5	44.3	

Instrument :

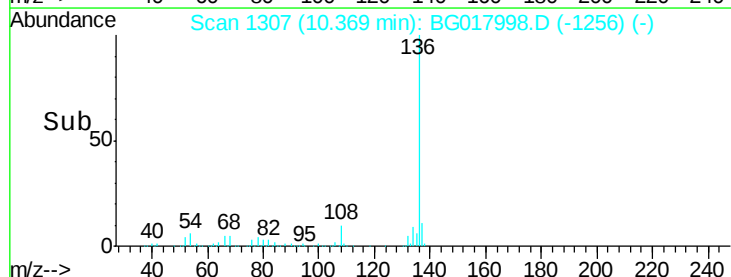
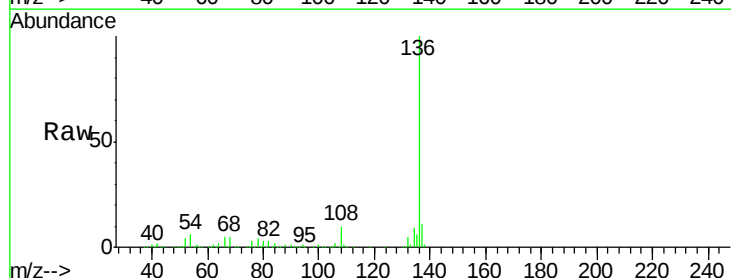
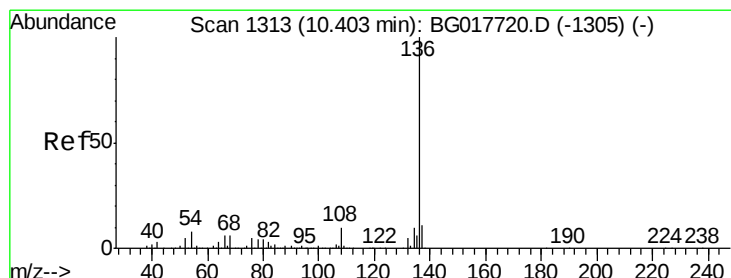
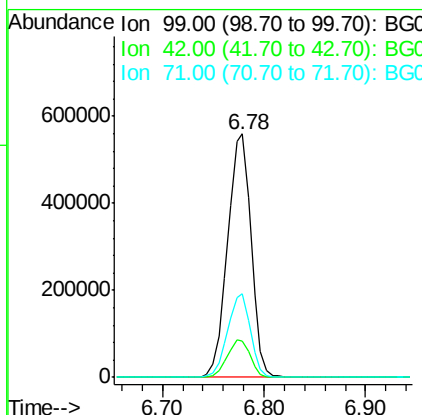
BNA_G

ClientSampleId :

UST-1(0-2)

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#21

Naphthalene-d8

Concen: 20.00 ng

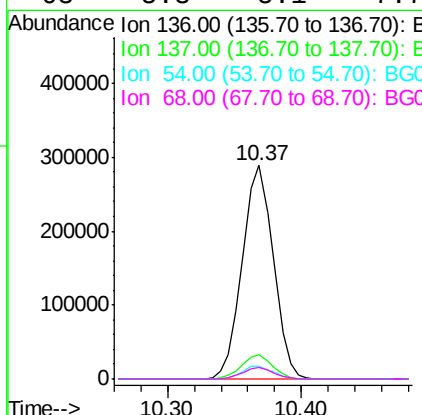
RT: 10.37 min Scan# 1307

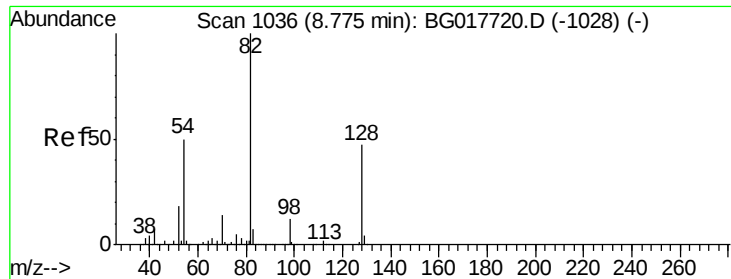
Delta R.T. 0.00 min

Lab File: BG017998.D

Acq: 20 Jul 2015 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	465840		
137	11.3	8.8	13.2	
54	6.0	6.6	9.8#	
68	5.3	5.1	7.7	





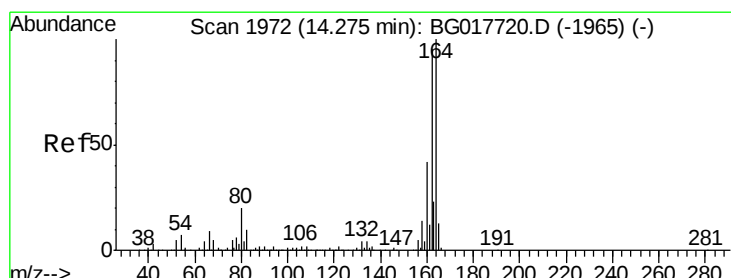
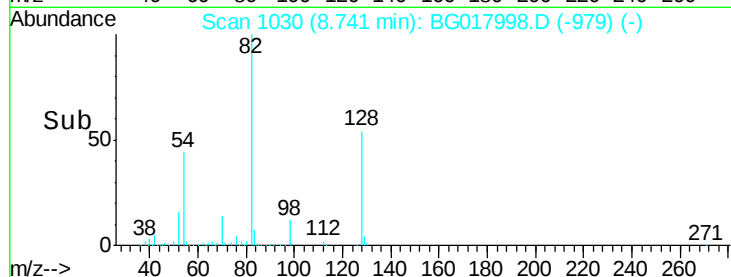
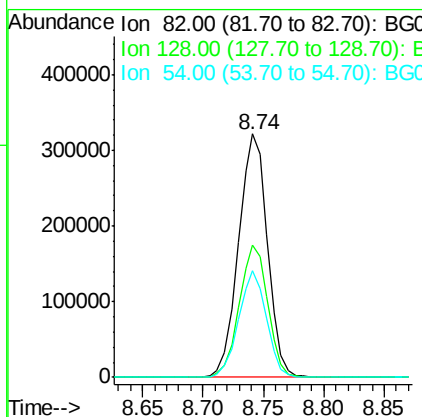
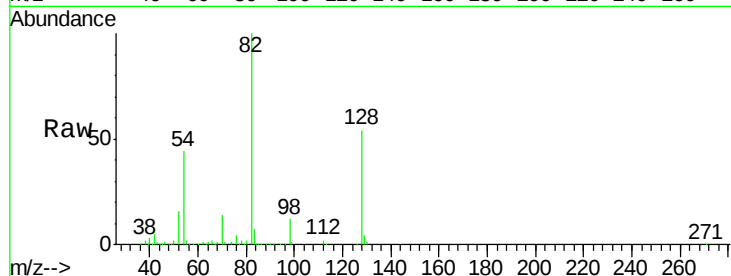
#23
 Nitrobenzene-d5
 Concen: 74.55 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BG017998.D
 Acq: 20 Jul 2015 20:37

Instrument :
 BNA_G
 ClientSampleId :
 UST-1(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	536170		
128	54.3	37.8	56.6	
54	43.6	39.9	59.9	

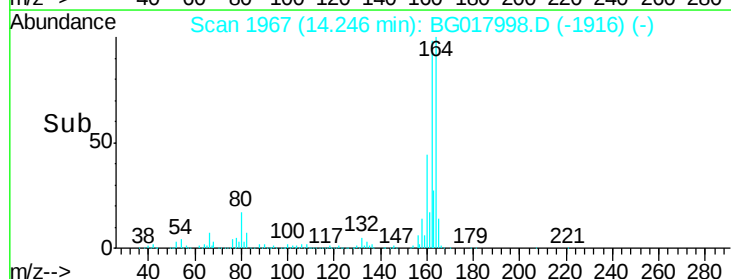
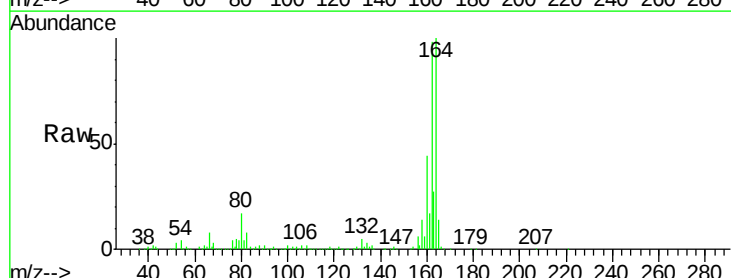
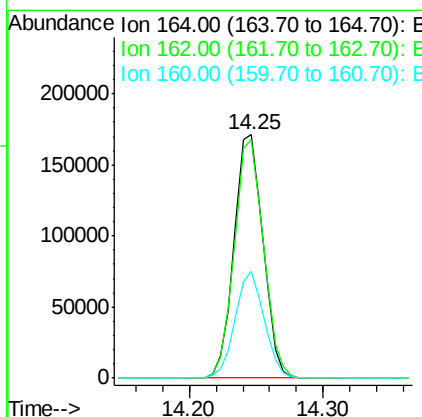
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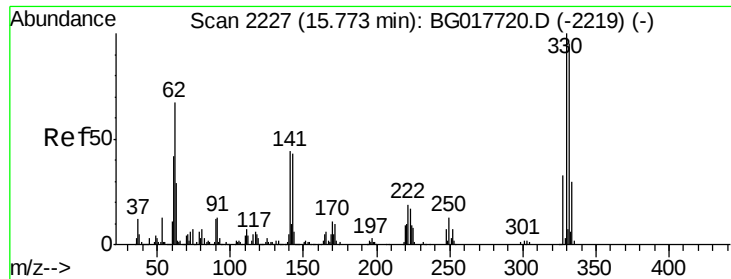
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.25 min Scan# 1967
 Delta R.T. 0.00 min
 Lab File: BG017998.D
 Acq: 20 Jul 2015 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	258236		
162	98.0	76.3	114.5	
160	43.5	33.7	50.5	





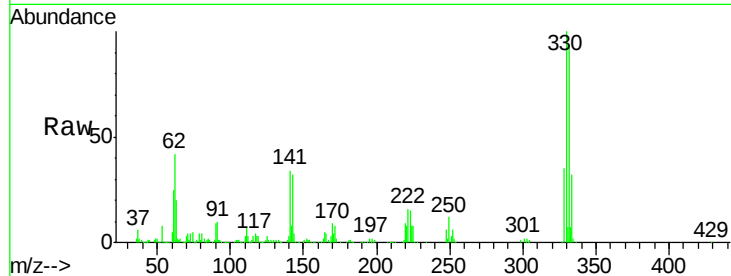
#41
 2,4,6-Tribromophenol
 Concen: 120.67 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BG017998.D
 Acq: 20 Jul 2015 20:37

Instrument :
 BNA_G
 ClientSampleId :
 UST-1(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	315713		
332	96.6	76.8	115.2	
141	36.3	38.0	57.0	

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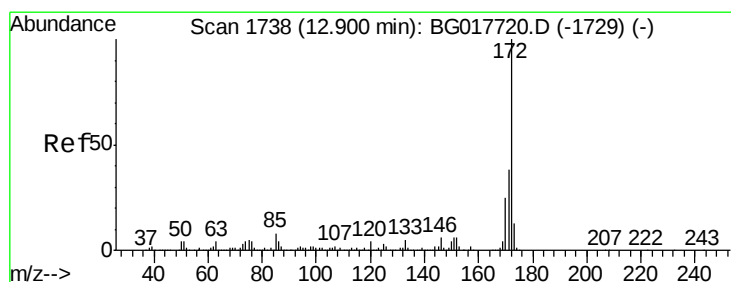
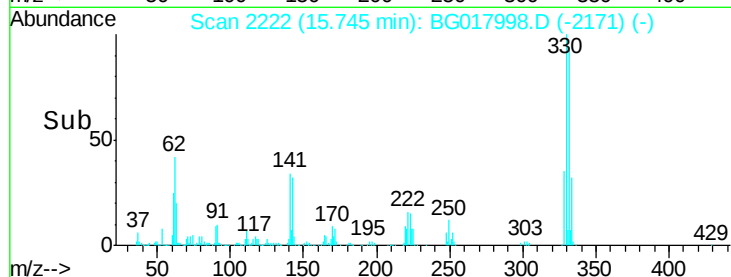
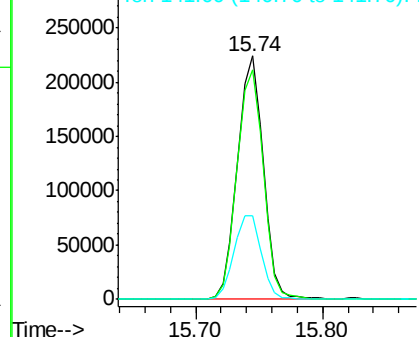


Abundance

Ion 329.80 (329.50 to 330.50): E

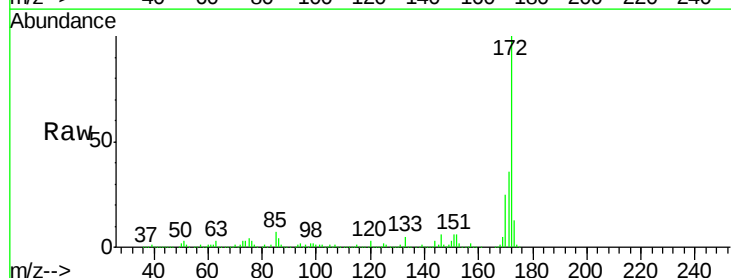
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 65.16 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017998.D
 Acq: 20 Jul 2015 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	970928		
171	36.2	30.7	46.1	
170	24.7	19.7	29.5	

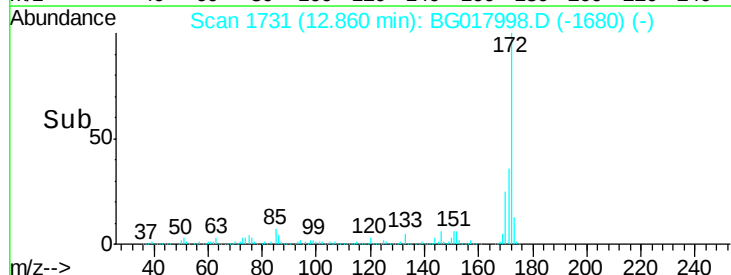
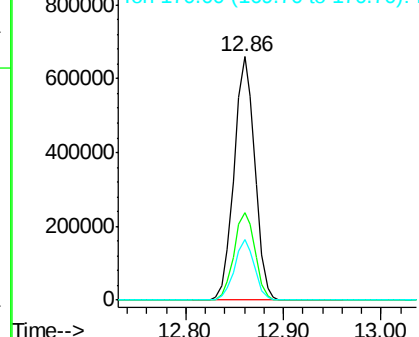


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





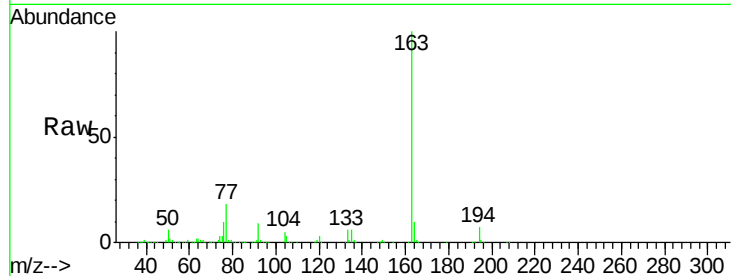
#49
Dimethylphthalate
Concen: 21.93 ng
RT: 13.71 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Instrument :
BNA_G
ClientSampleId :
UST-1(0-2)

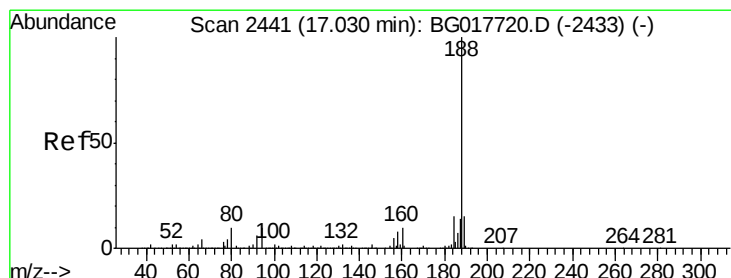
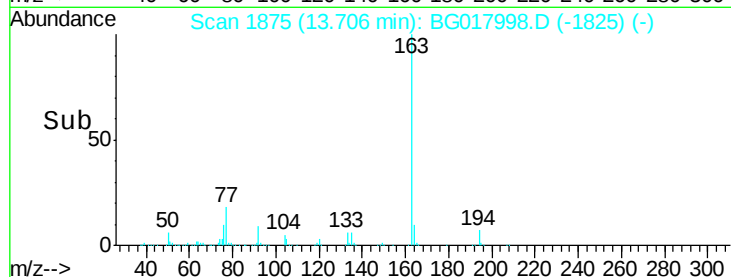
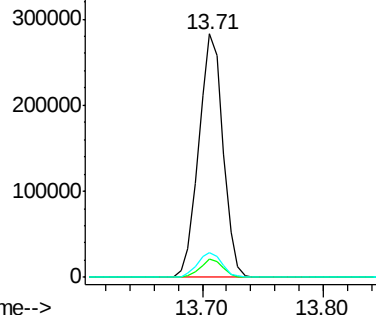
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	393318		
194	7.3	5.8	8.6	
164	10.2	8.3	12.5	

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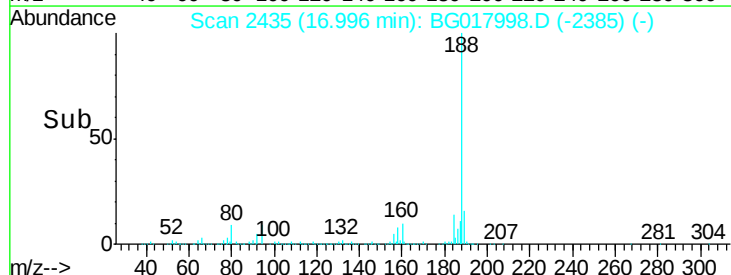
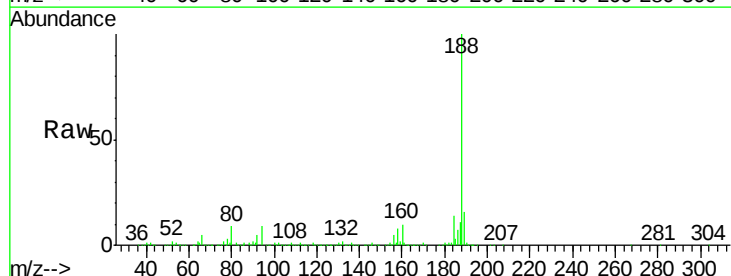
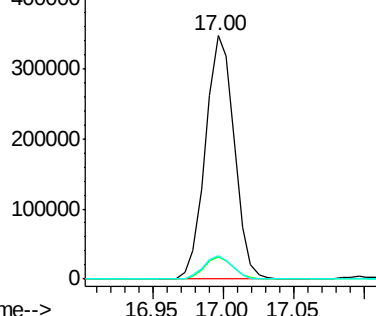
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Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

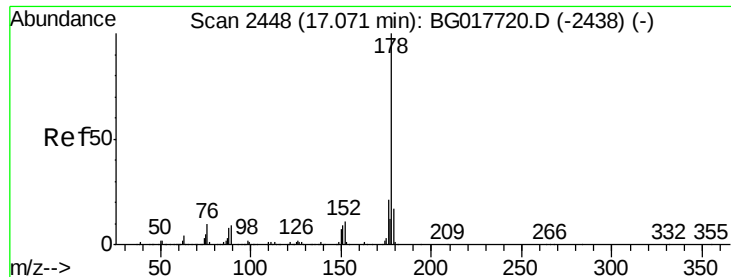


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.00 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	493921		
94	9.2	8.2	12.2	
80	9.4	8.2	12.4	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG





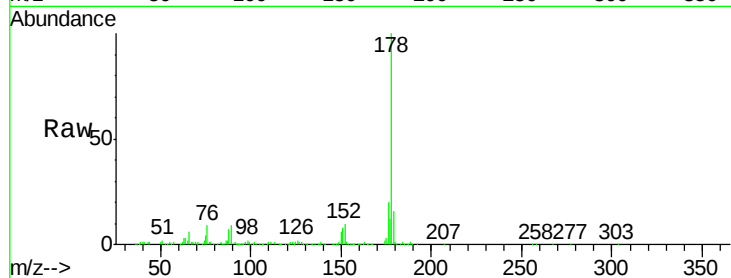
#70
Phenanthrene
Concen: 6.00 ng
RT: 17.04 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Instrument :
BNA_G
ClientSampleId :
UST-1(0-2)

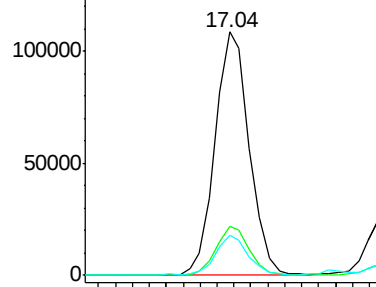
Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	20.1	16.5	24.7
179	16.3	13.5	20.3

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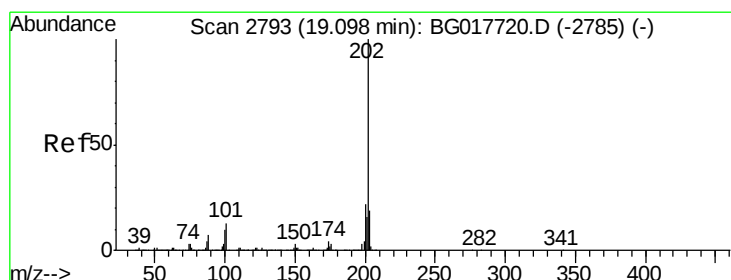
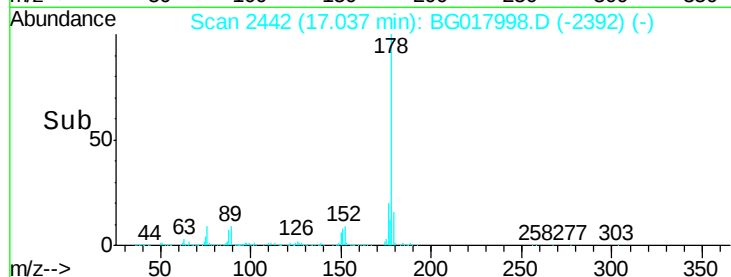
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

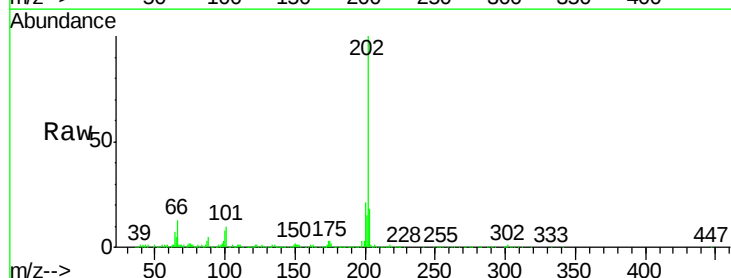


Time-->

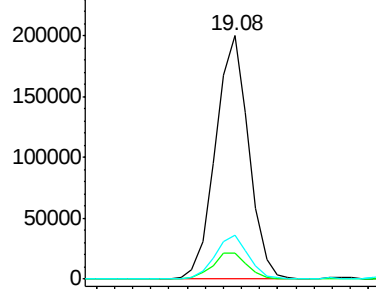


#74
Fluoranthene
Concen: 9.04 ng
RT: 19.08 min Scan# 2789
Delta R.T. 0.01 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

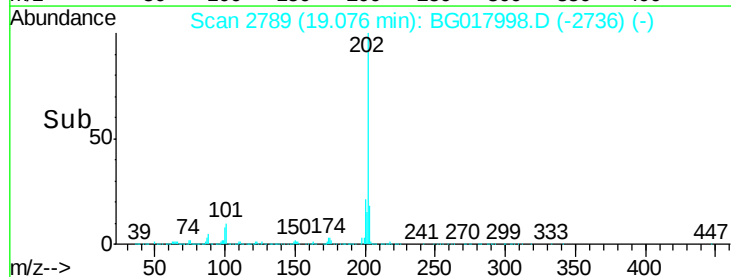
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.4	0.0	33.3
203	18.2	0.0	39.5

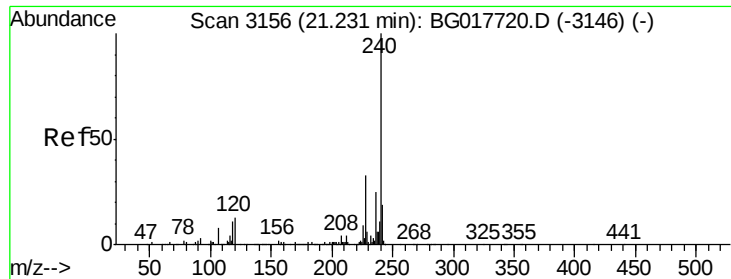


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





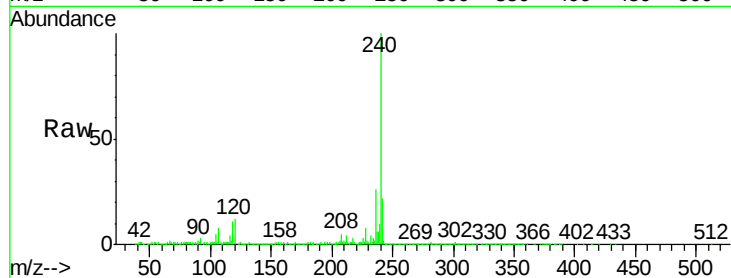
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Instrument :
BNA_G
ClientSampleId :
UST-1(0-2)

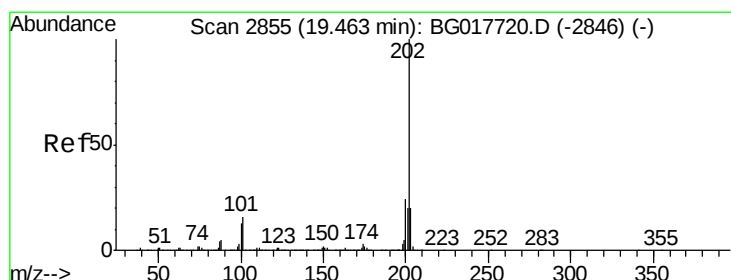
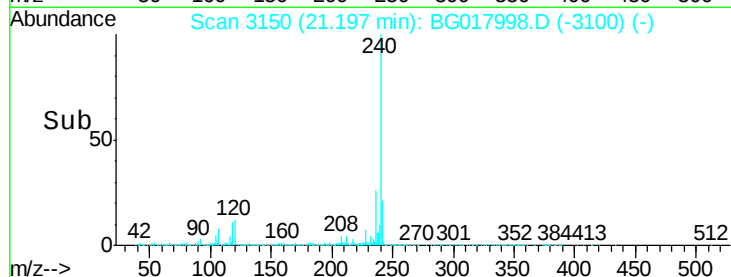
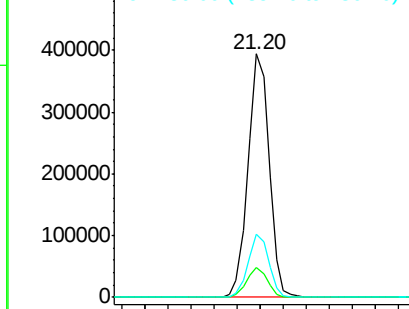
Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	12.3	10.8	16.2
236	25.8	20.0	30.0

Manual Integrations
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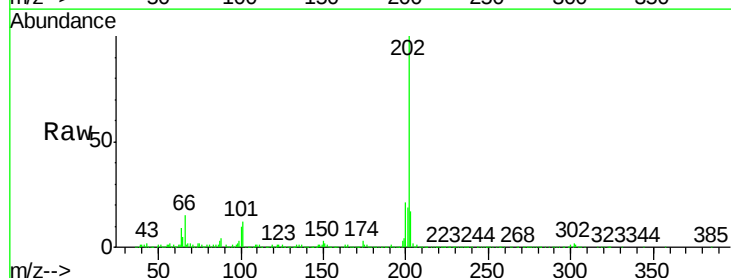


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

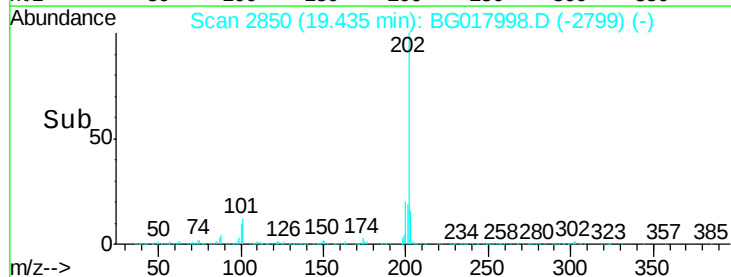
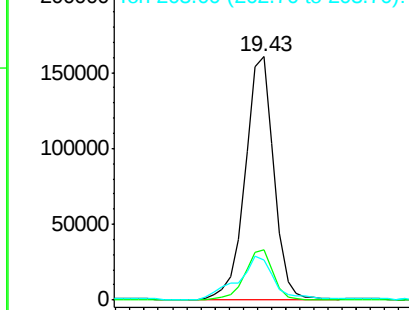


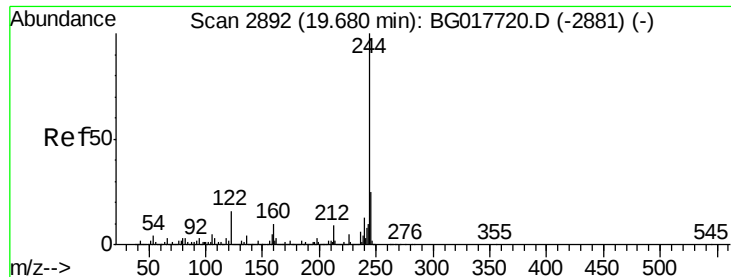
#77
Pyrene
Concen: 8.15 ng
RT: 19.43 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.6	18.8	28.2
203	16.7	15.9	23.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





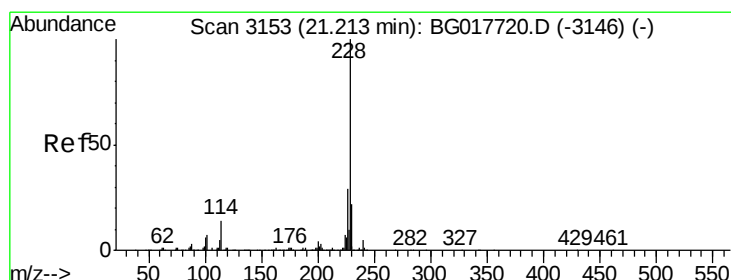
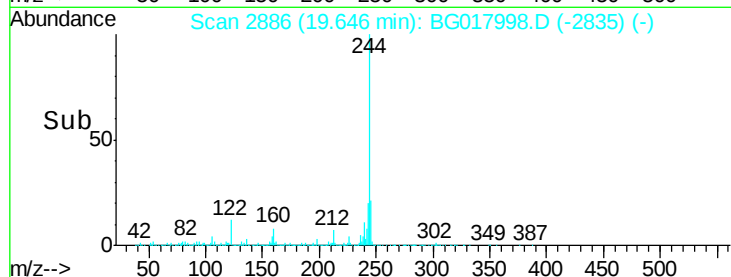
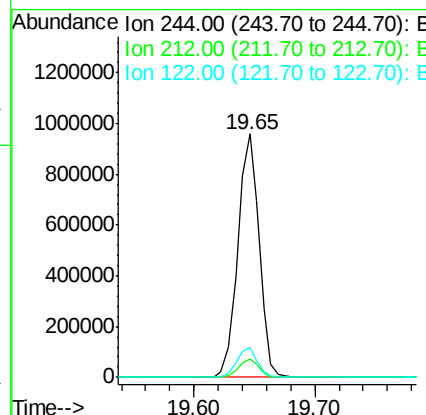
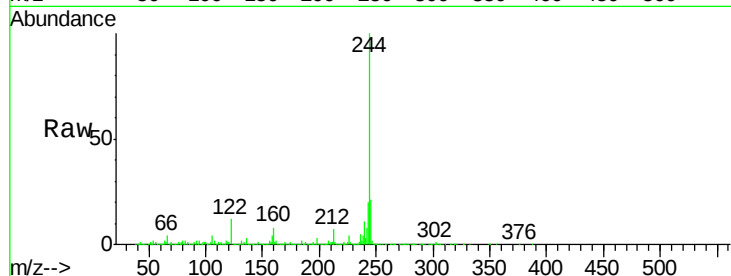
#78
 Terphenyl-d14
 Concen: 58.86 ng
 RT: 19.65 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: BG017998.D
 Acq: 20 Jul 2015 20:37

Instrument :
 BNA_G
 ClientSampleId :
 UST-1(0-2)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.2	10.8
122	12.1	12.8	19.2

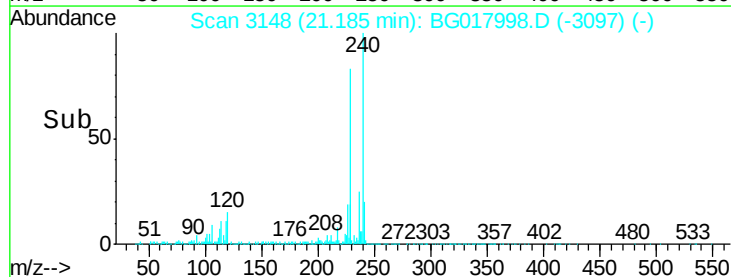
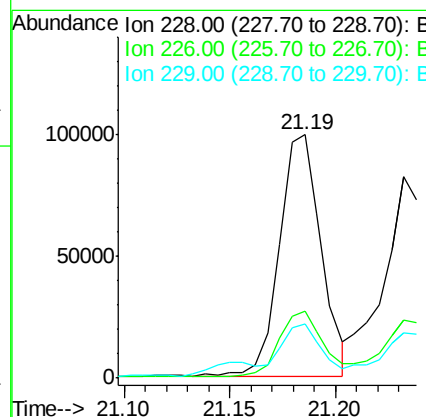
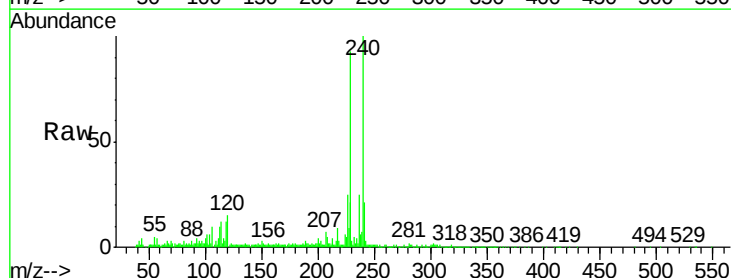
Manual Integrations
 APPROVED

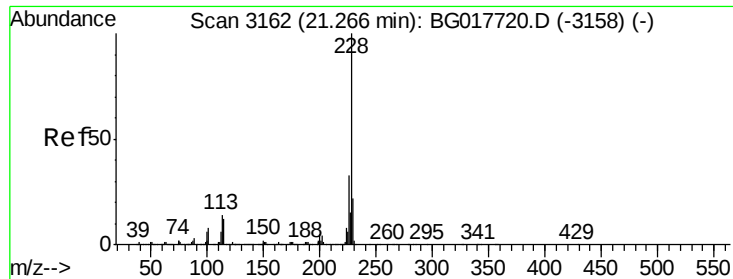
apatel
 7/22/2015 9:43:39 AM



#80
 Benzo(a)anthracene
 Concen: 5.10 ng
 RT: 21.19 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG017998.D
 Acq: 20 Jul 2015 20:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.1	34.7
229	22.3	17.4	26.0





#82

Chrysene

Concen: 4.78 ng m

RT: 21.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG017998.D

Acq: 20 Jul 2015 20:37

Instrument :

BNA_G

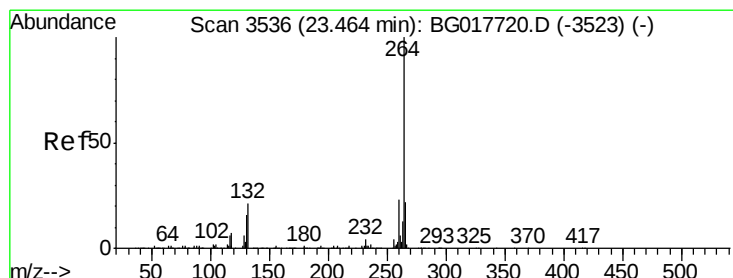
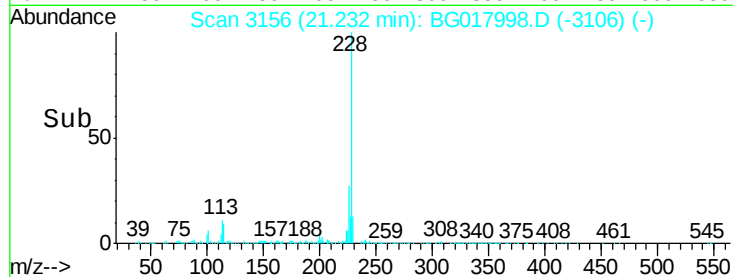
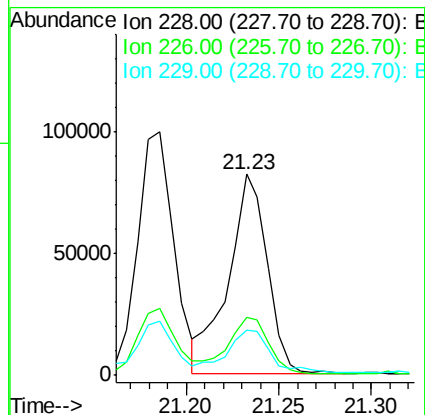
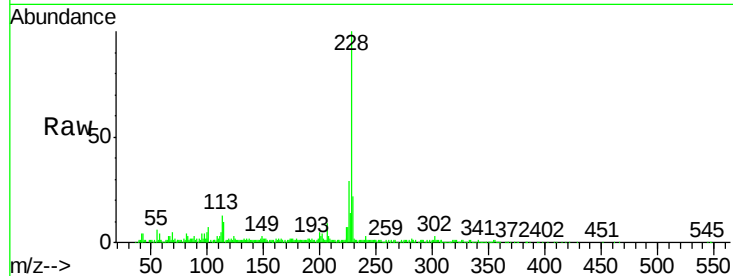
ClientSampleId :

UST-1(0-2)

Tgt Ion:	228	Resp:	120781
Ion Ratio	Lower	Upper	
228	100		
226	29.1	26.1	39.1
229	22.3	17.7	26.5

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#86

Perylene-d12

Concen: 20.00 ng

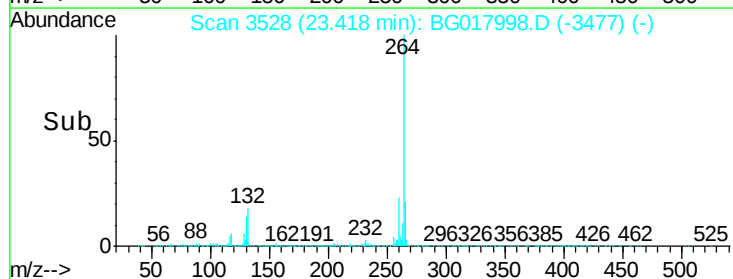
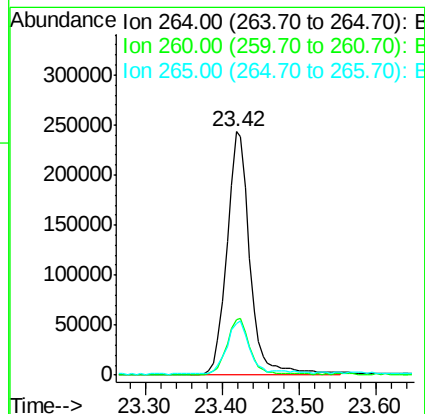
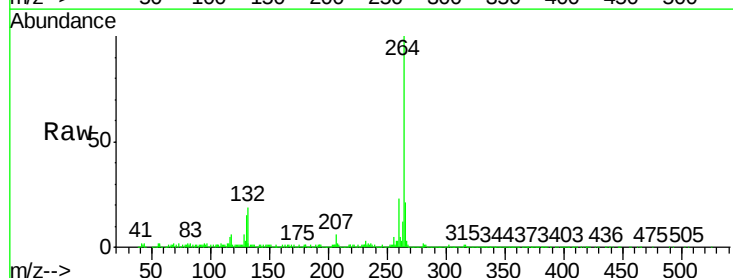
RT: 23.42 min Scan# 3528

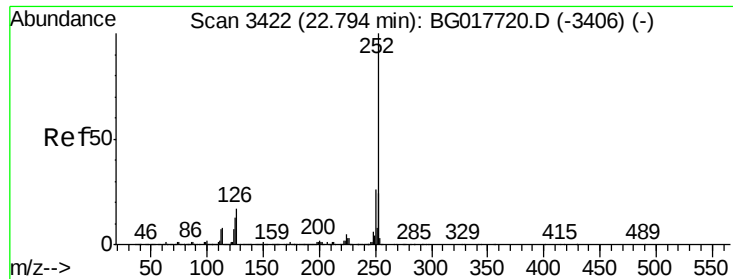
Delta R.T. 0.00 min

Lab File: BG017998.D

Acq: 20 Jul 2015 20:37

Tgt Ion:	264	Resp:	504132
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.6	27.8
265	21.4	18.2	27.2





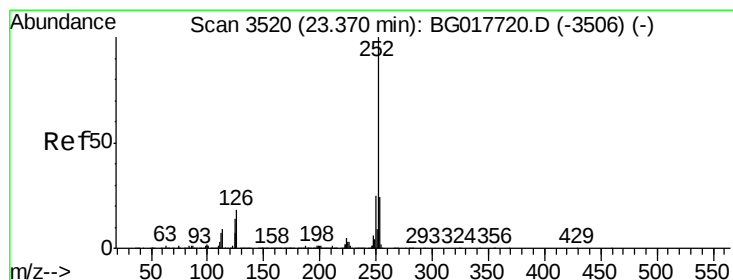
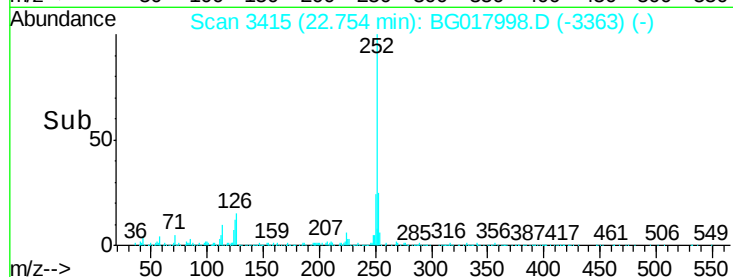
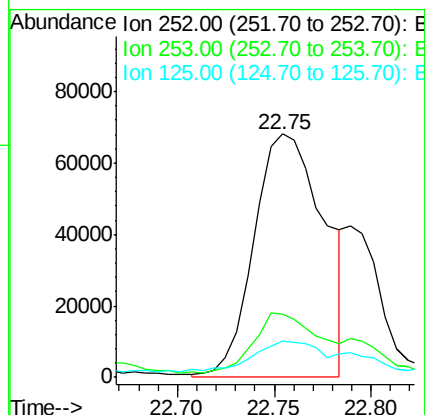
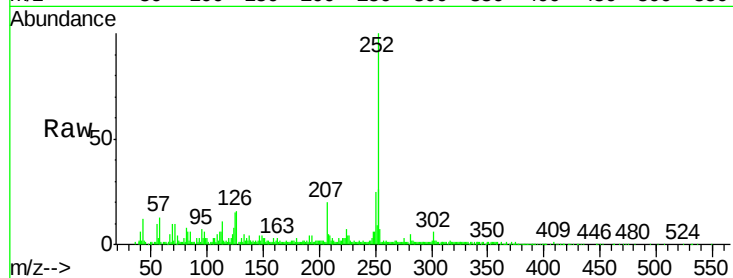
#87
Benzo(b)fluoranthene
Concen: 6.23 ng m
RT: 22.75 min Scan# 3415
Delta R.T. 0.01 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Instrument :
BNA_G
ClientSampleId :
UST-1(0-2)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.7	29.5
125	15.0	10.6	15.8

Manual Integrations
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apatel
7/22/2015 9:43:39 AM



#89
Benzo(a)pyrene
Concen: 4.43 ng
RT: 23.32 min Scan# 3511
Delta R.T. 0.00 min
Lab File: BG017998.D
Acq: 20 Jul 2015 20:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.0	28.6
125	13.9	11.1	16.7

