

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
 Data File : BG017542.D
 Acq On : 8 Jun 2015 14:34
 Operator : TP/IZ
 Sample : G2464-18 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-16DS

Manual Integrations
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Quant Time: Jun 09 02:24:54 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 02:10:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	16651	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	69261	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	44179	20.00	ng	0.00
63) Phenanthrene-d10	17.03	188	96421	20.00	ng	0.00
75) Chrysene-d12	21.23	240	106878	20.00	ng	0.00
86) Perylene-d12	23.47	264	112688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	16910	17.89	ng	0.00
7) Phenol-d6	6.82	99	24265	18.85	ng	0.00
23) Nitrobenzene-d5	8.78	82	18188	13.11	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	8102	13.20	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	40843	13.95	ng	0.00
78) Terphenyl-d14	19.67	244	64985	12.57	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	17.07	178	49226	9.16	ng	97
71) Anthracene	17.17	178	17126m	3.19	ng	
74) Fluoranthene	19.10	202	85148	12.11	ng	98
77) Pyrene	19.47	202	87131	13.23	ng	97
80) Benzo(a)anthracene	21.22	228	39857	6.06	ng	99
82) Chrysene	21.26	228	33097m	5.56	ng	
85) Indeno(1,2,3-cd)pyrene	25.73	276	20650	2.76	ng	# 93
87) Benzo(b)fluoranthene	22.79	252	51931m	7.27	ng	
88) Benzo(k)fluoranthene	22.83	252	14150m	2.07	ng	
89) Benzo(a)pyrene	23.36	252	37587	5.74	ng	# 97
91) Benzo(g,h,i)perylene	26.44	276	22021	3.40	ng	97

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

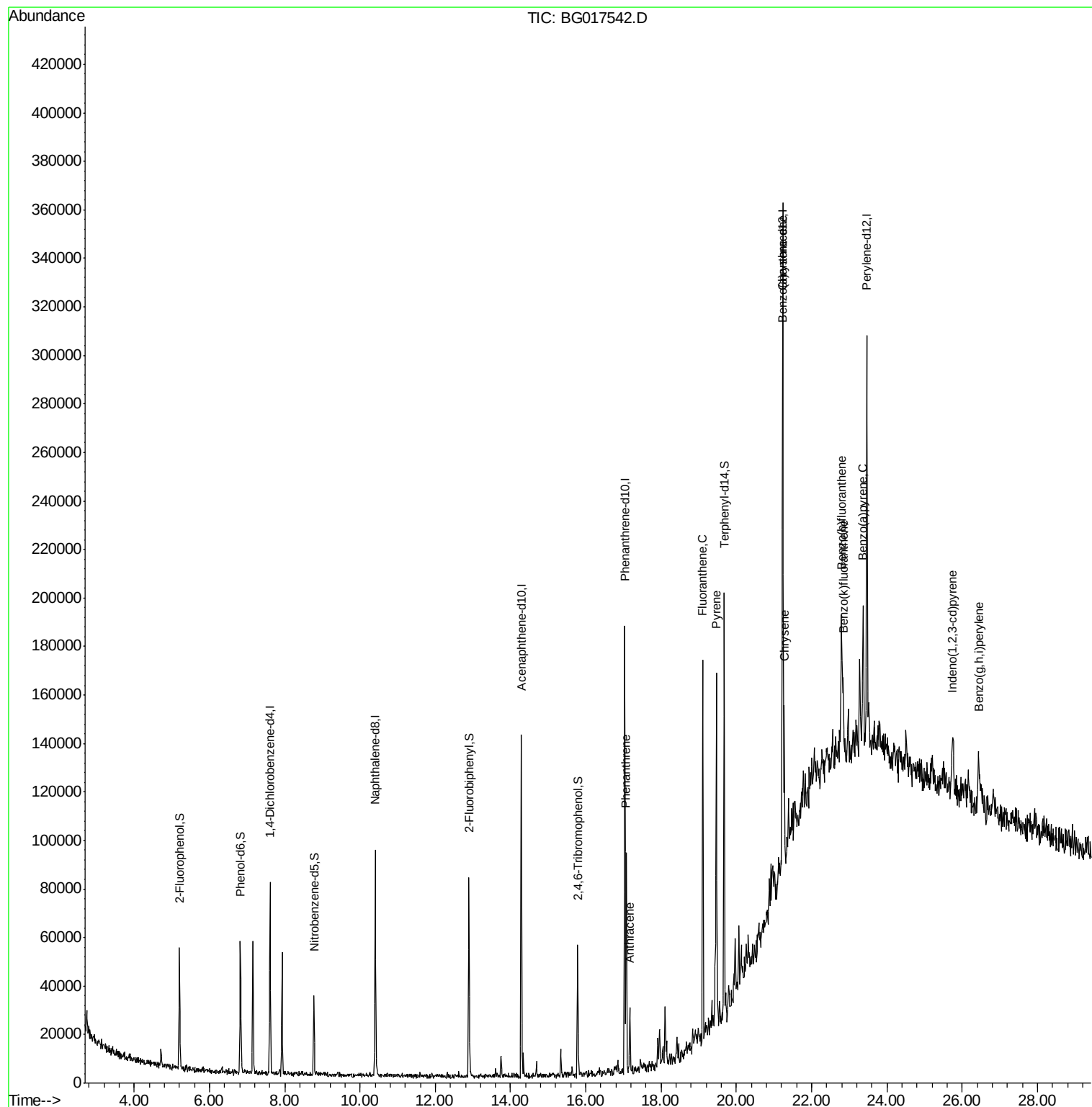
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017542.D
Acq On : 8 Jun 2015 14:34
Operator : TP/IZ
Sample : G2464-18 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

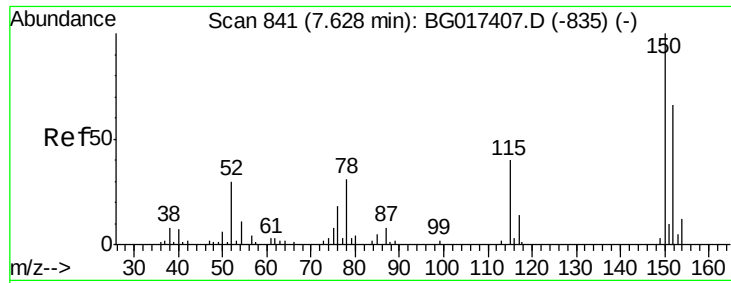
Instrument :
BNA_G
ClientSampleId :
SB-16DS

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Quant Time: Jun 09 02:24:54 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 02:10:45 2015
Response via : Initial Calibration

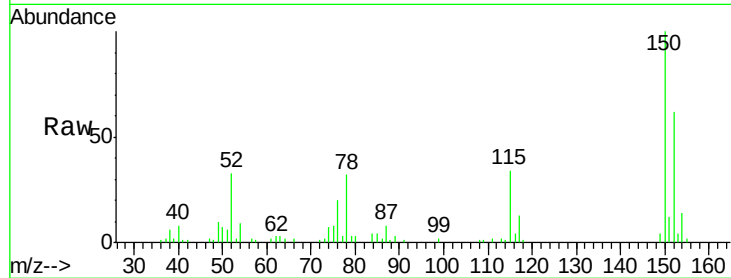




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG017542.D
Acq: 8 Jun 2015 14:34

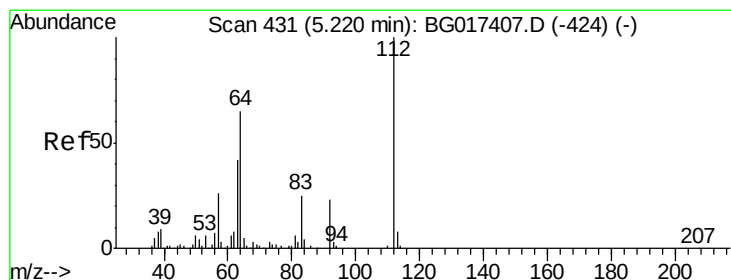
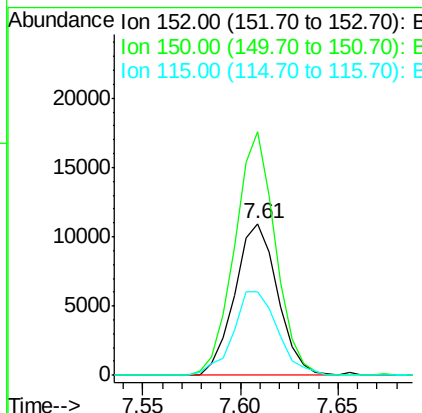
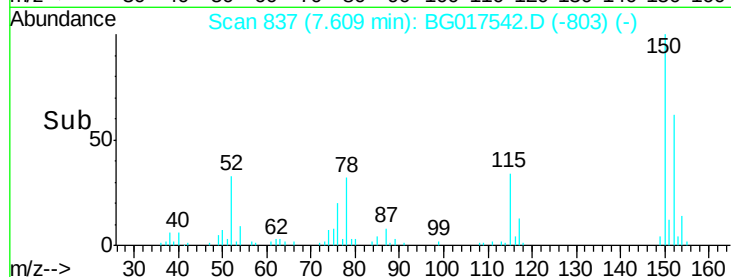
Instrument :
BNA_G
ClientSampleId :
SB-16DS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.6	121.7	182.5
115	55.3	48.6	73.0

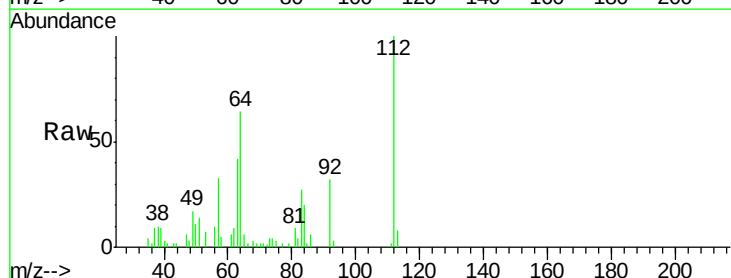
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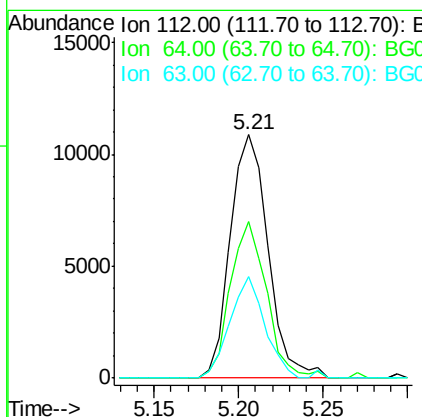
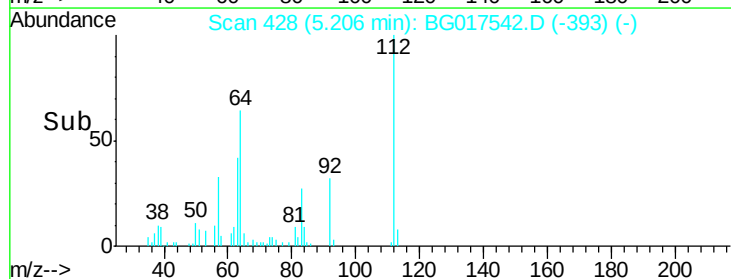


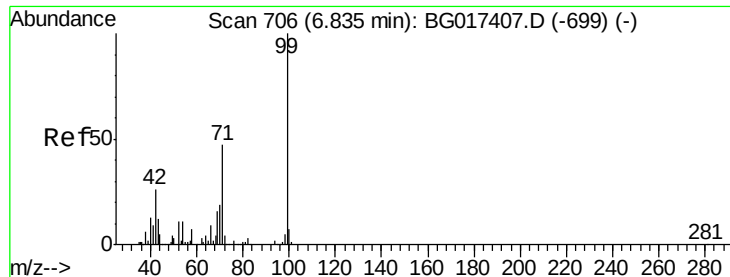
#5

2-Fluorophenol
Concen: 17.89 ng
RT: 5.21 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG017542.D
Acq: 8 Jun 2015 14:34



Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	51.6	77.4
63	41.8	33.3	49.9





#7

Phenol-d6

Concen: 18.85 ng

RT: 6.82 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG017542.D

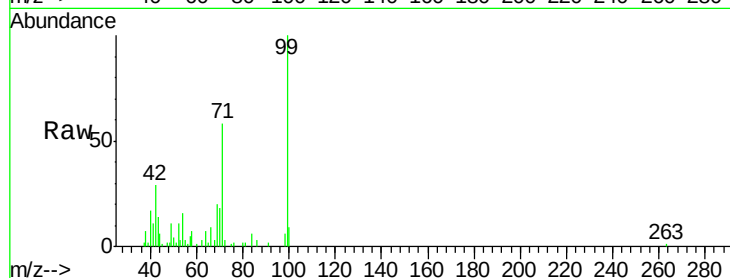
Acq: 8 Jun 2015 14:34

Instrument :

BNA_G

ClientSampleId :

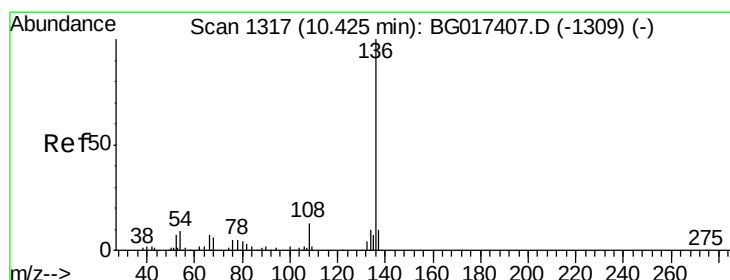
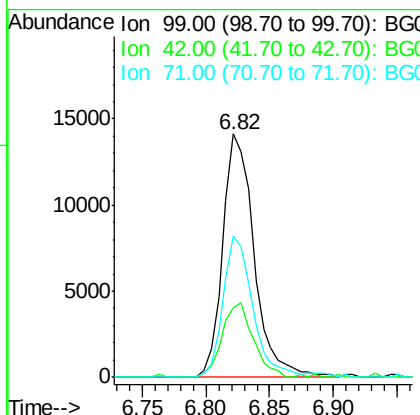
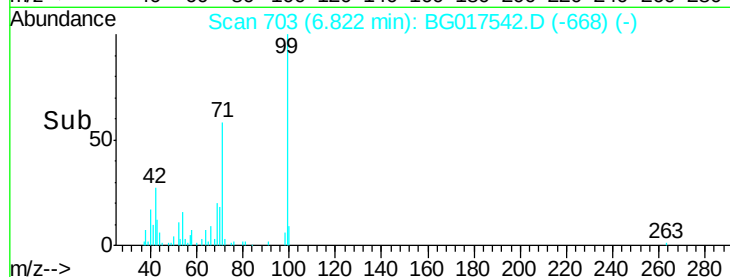
SB-16DS



Tgt Ion	Ratio	Resp	Lower	Upper
99	100	24265		
42	28.6	21.0	31.6	
71	57.9	37.2	55.8	

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#21

Naphthalene-d8

Concen: 20.00 ng

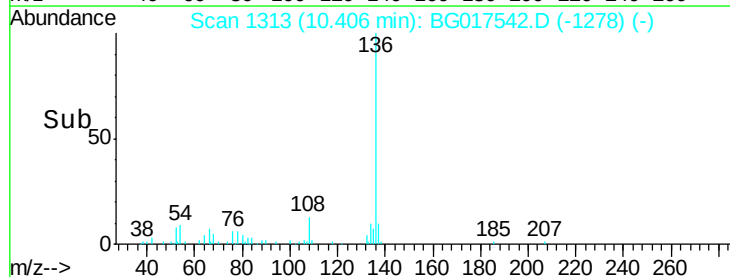
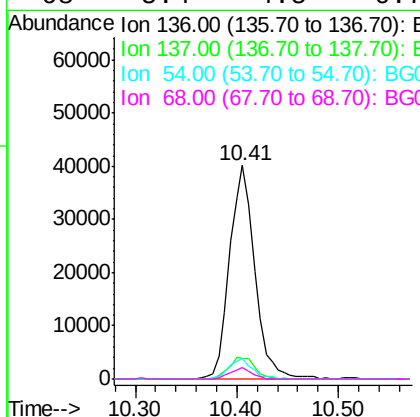
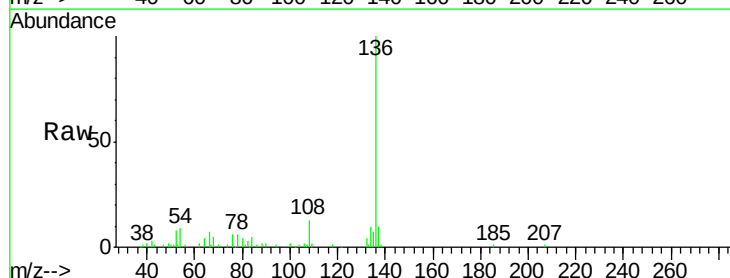
RT: 10.41 min Scan# 1313

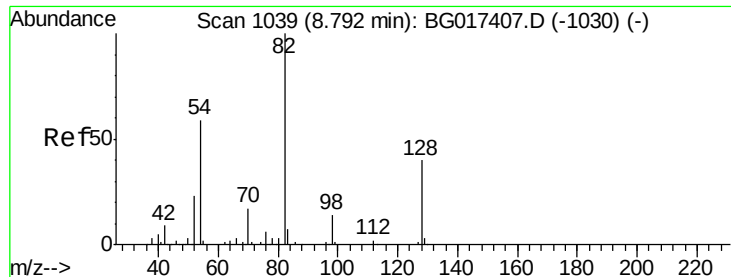
Delta R.T. 0.00 min

Lab File: BG017542.D

Acq: 8 Jun 2015 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	69261		
137	9.7	7.9	11.9	
54	9.3	7.2	10.8	
68	5.4	4.5	6.7	





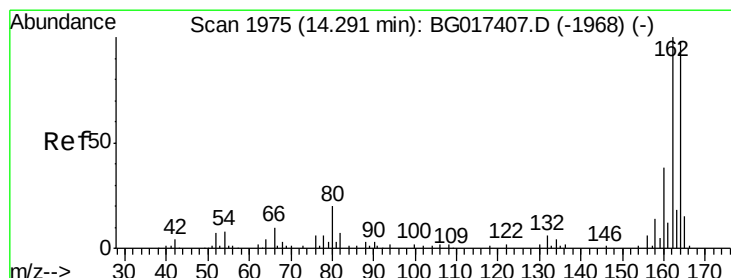
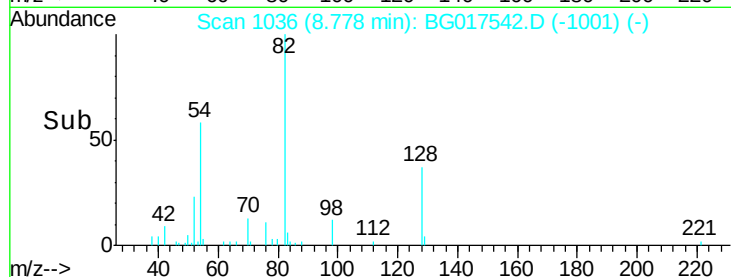
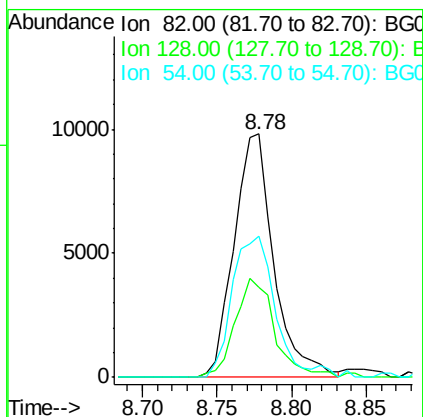
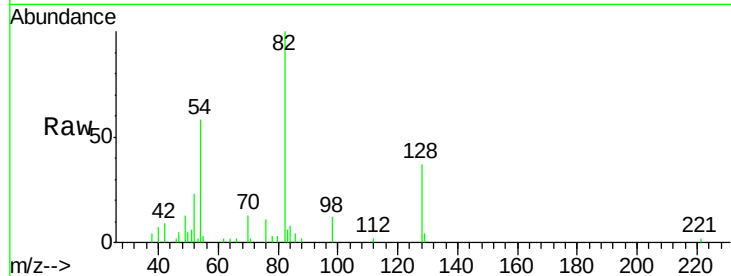
#23
 Nitrobenzene-d5
 Concen: 13.11 ng
 RT: 8.78 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG017542.D
 Acq: 8 Jun 2015 14:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-16DS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	36.9	32.2	48.4
54	58.3	47.4	71.2

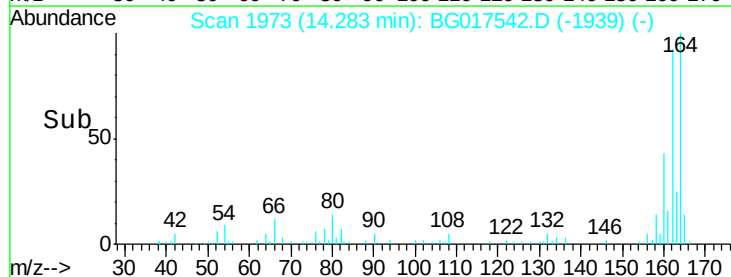
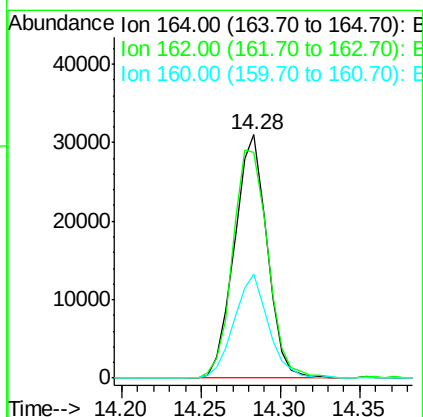
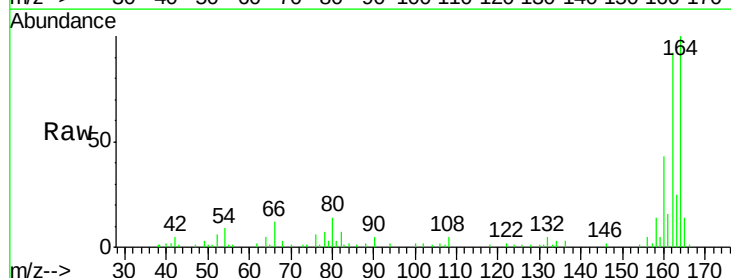
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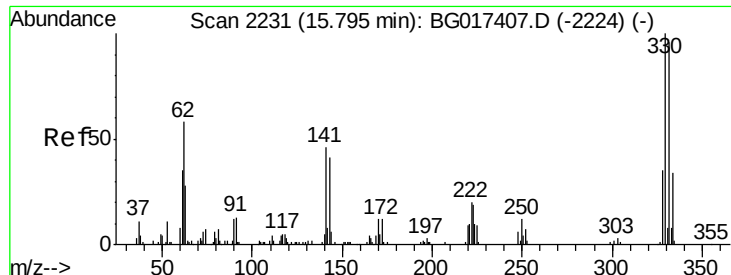
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.28 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG017542.D
 Acq: 8 Jun 2015 14:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	92.5	81.8	122.6
160	42.5	31.0	46.4





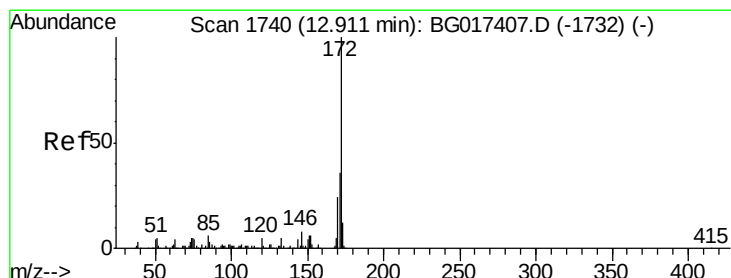
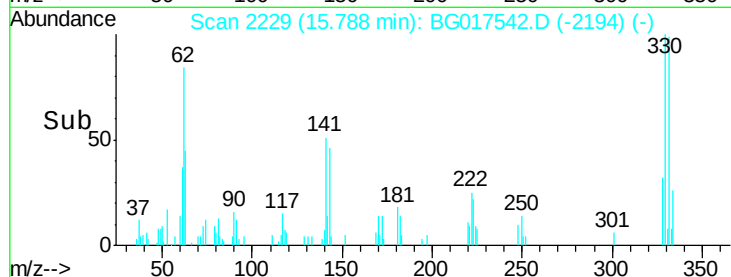
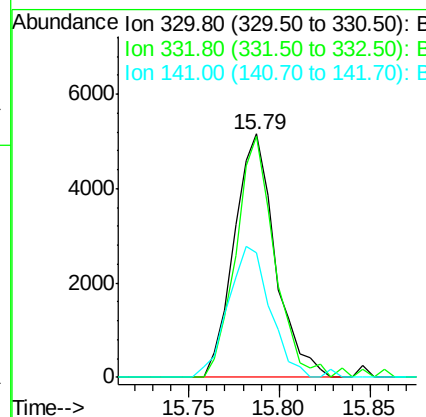
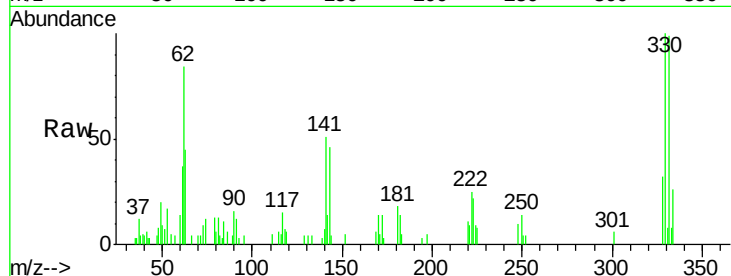
#41
 2,4,6-Tribromophenol
 Concen: 13.20 ng
 RT: 15.79 min Scan# 2229
 Delta R.T. 0.00 min
 Lab File: BG017542.D
 Acq: 8 Jun 2015 14:34

Instrument :
 BNA_G
 ClientSampled :
 SB-16DS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	8102		
332	93.8	75.9	113.9	
141	55.1	40.2	60.4	

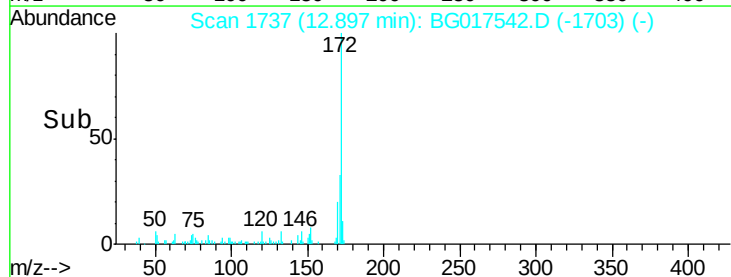
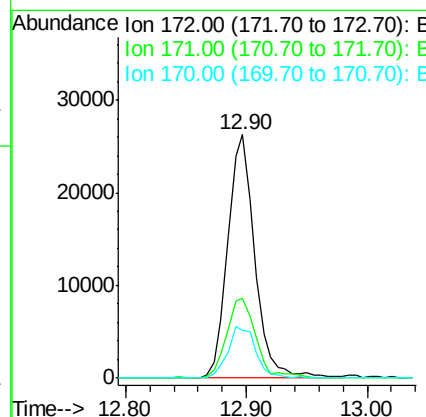
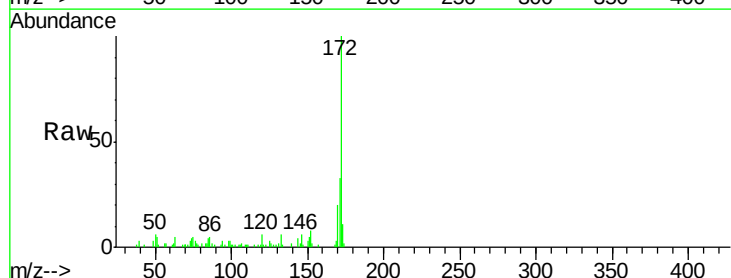
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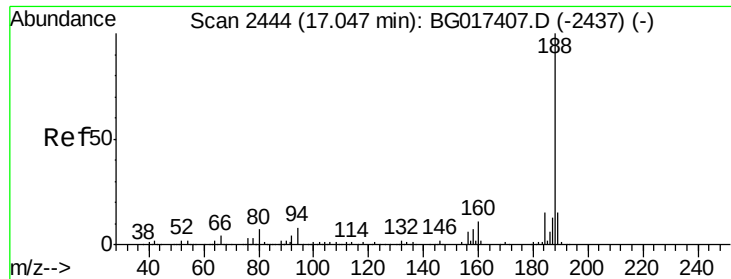
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#44
 2-Fluorobiphenyl
 Concen: 13.95 ng
 RT: 12.90 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG017542.D
 Acq: 8 Jun 2015 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	40843		
171	32.9	29.0	43.6	
170	19.8	18.9	28.3	





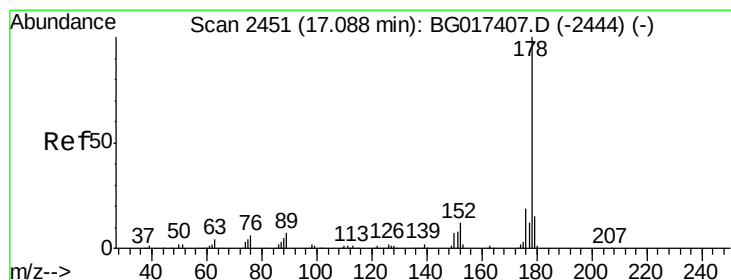
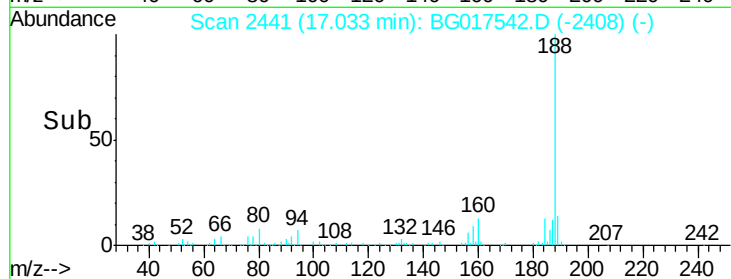
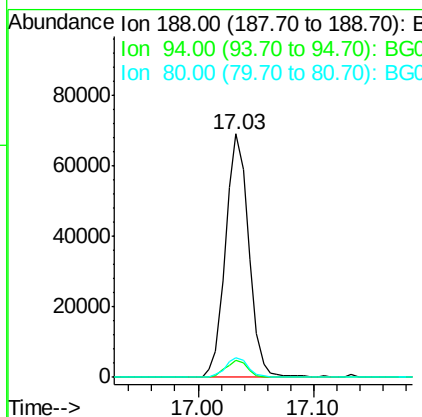
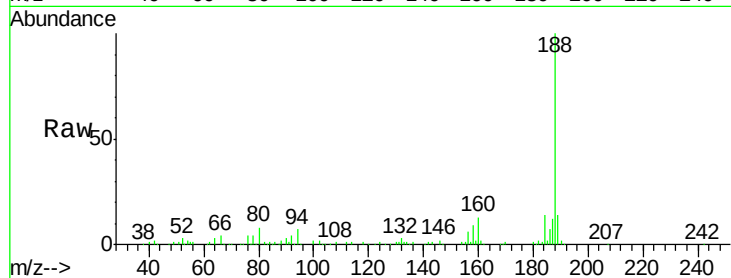
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.03 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG017542.D
Acq: 8 Jun 2015 14:34

Instrument :
BNA_G
ClientSampleId :
SB-16DS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.8	6.3	9.5
80	7.8	5.2	7.8#

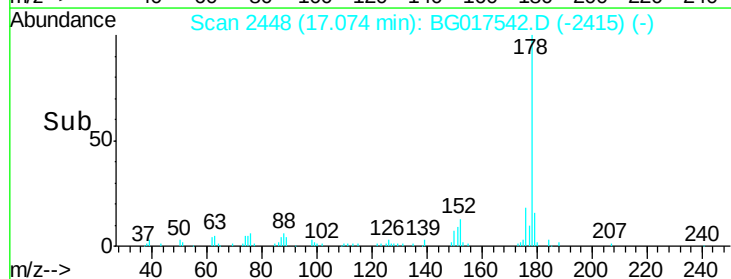
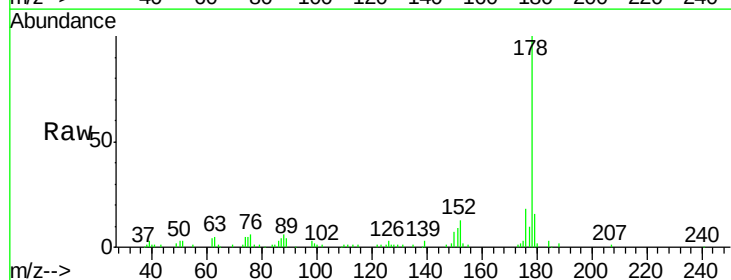
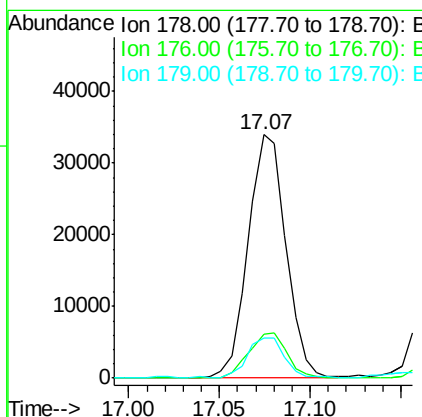
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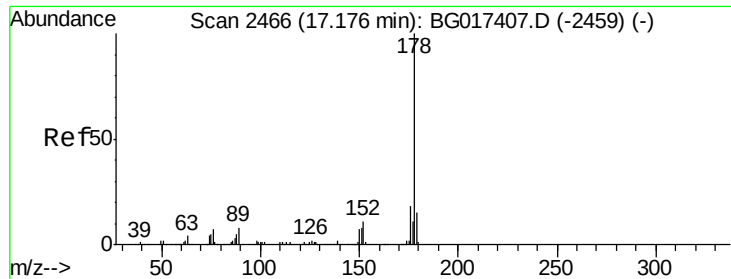
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#70
Phenanthrene
Concen: 9.16 ng
RT: 17.07 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG017542.D
Acq: 8 Jun 2015 14:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.3	15.6	23.4
179	16.2	12.2	18.2





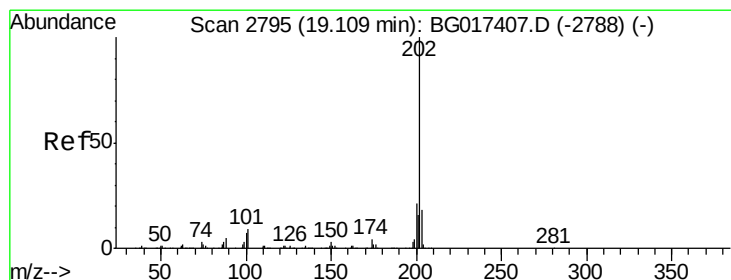
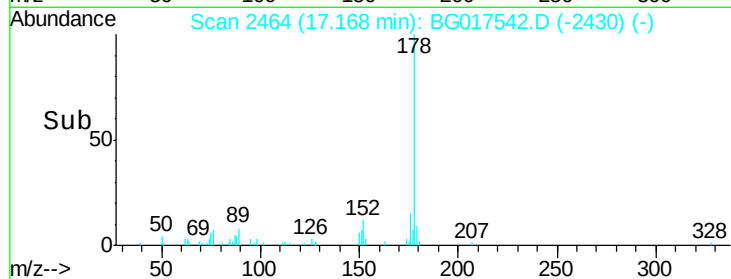
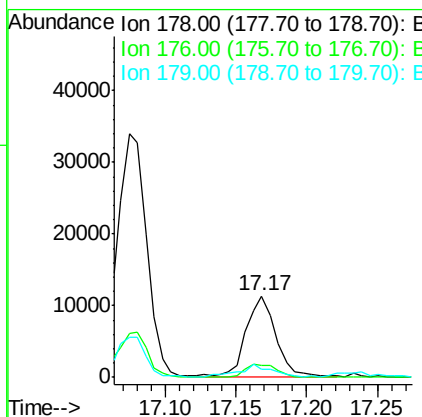
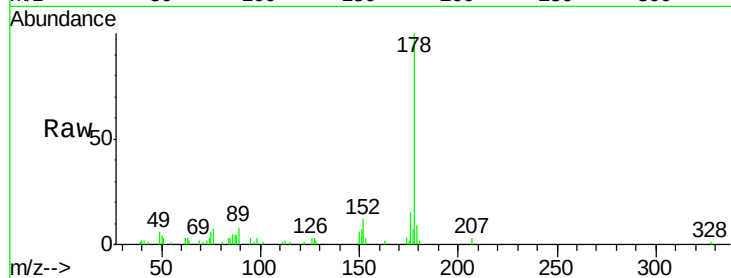
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 Anthracene
 Concen: 3.19 ng m
 RT: 17.17 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BG017542.D
 Acq: 8 Jun 2015 14:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-16DS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	15.4	14.2	21.2
179	9.3	12.2	18.4

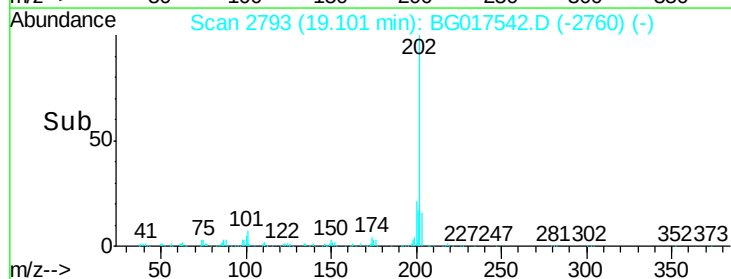
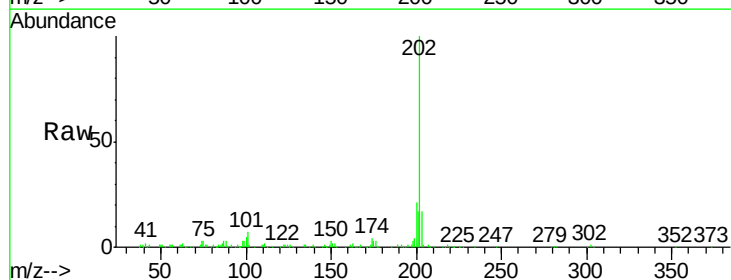
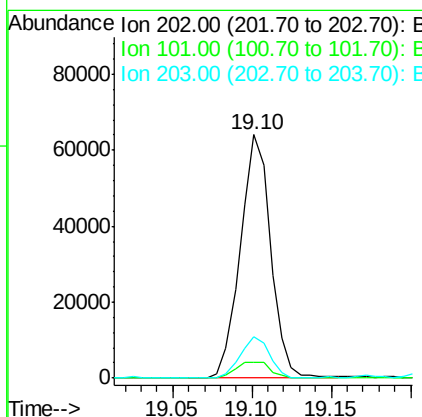
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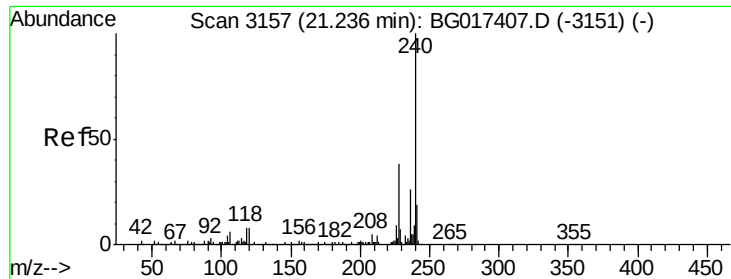
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#74
 Fluoranthene
 Concen: 12.11 ng
 RT: 19.10 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BG017542.D
 Acq: 8 Jun 2015 14:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	28.8
203	16.8	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG017542.D

Acq: 8 Jun 2015 14:34

Instrument :

BNA_G

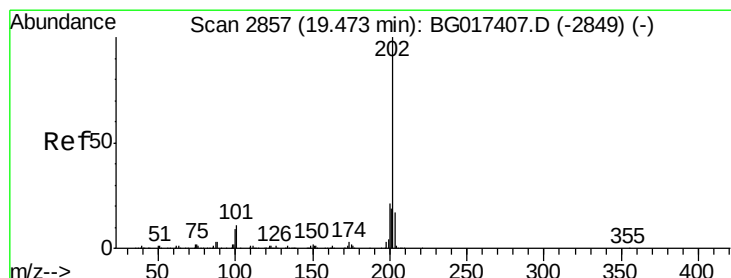
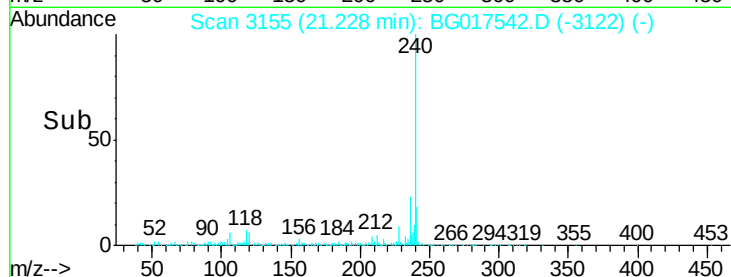
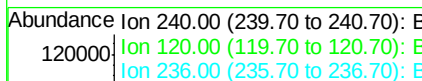
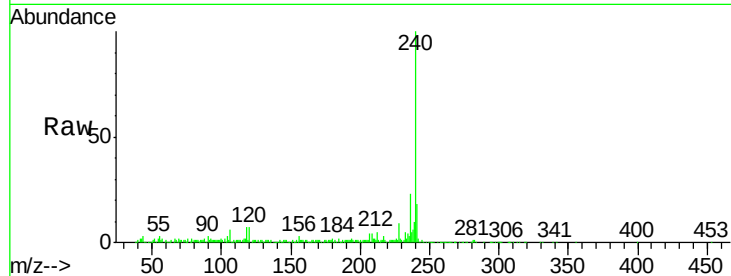
ClientSampleId :

SB-16DS

Tgt Ion:	240	Resp:	106878
Ion Ratio	Lower	Upper	
240	100		
120	6.7	6.5	9.7
236	23.1	20.8	31.2

Manual Integrations
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#77

Pyrene

Concen: 13.23 ng

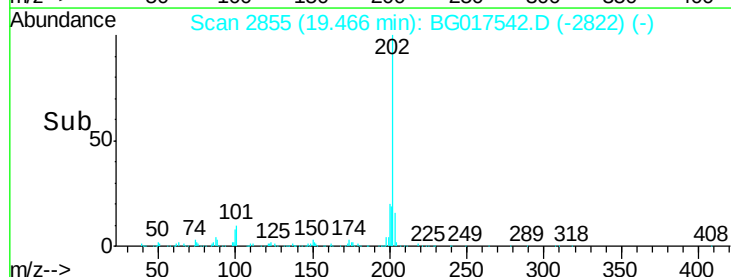
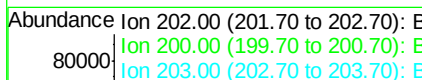
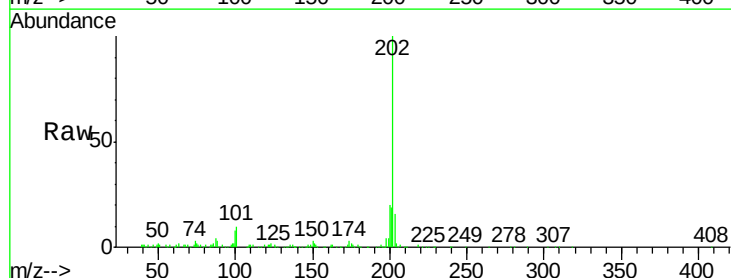
RT: 19.47 min Scan# 2855

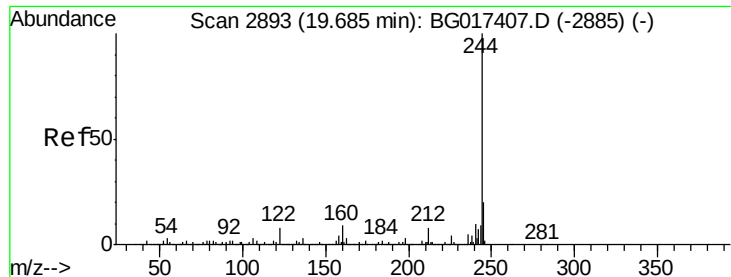
Delta R.T. -0.01 min

Lab File: BG017542.D

Acq: 8 Jun 2015 14:34

Tgt Ion:	202	Resp:	87131
Ion Ratio	Lower	Upper	
202	100		
200	19.8	17.0	25.4
203	16.1	13.9	20.9





#78

Terphenyl-d14

Concen: 12.57 ng

RT: 19.67 min Scan# 2890

Delta R.T. -0.01 min

Lab File: BG017542.D

Acq: 8 Jun 2015 14:34

Instrument :

BNA_G

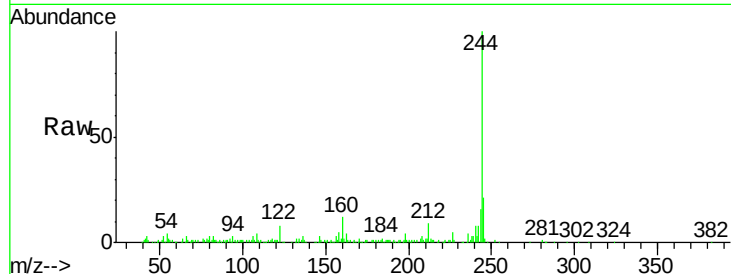
ClientSampleId :

SB-16DS

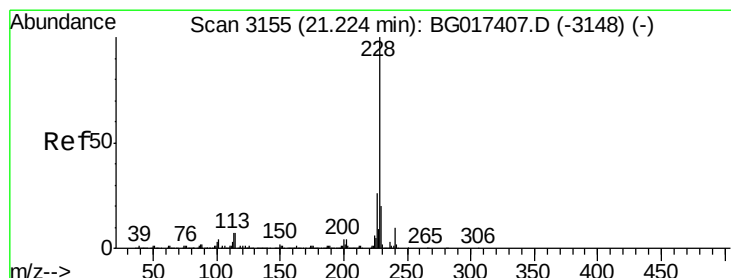
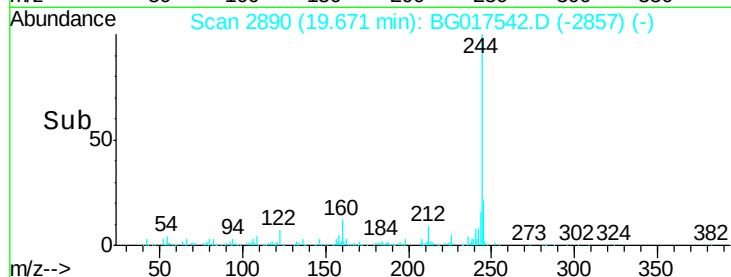
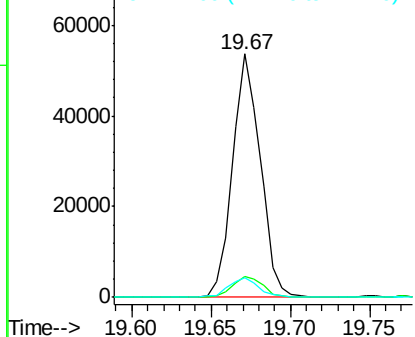
Tgt Ion:	244	Resp:	64985
Ion Ratio	Lower	Upper	
244	100		
212	8.6	6.4	9.6
122	7.8	6.6	10.0

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 6.06 ng

RT: 21.22 min Scan# 3153

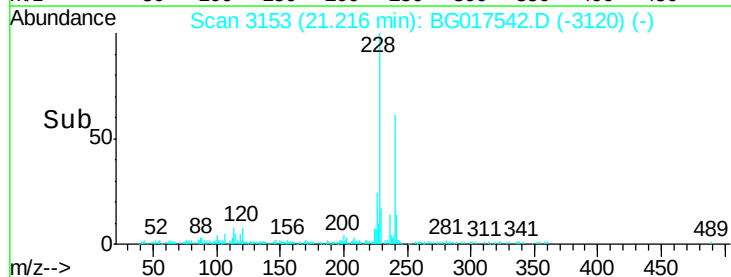
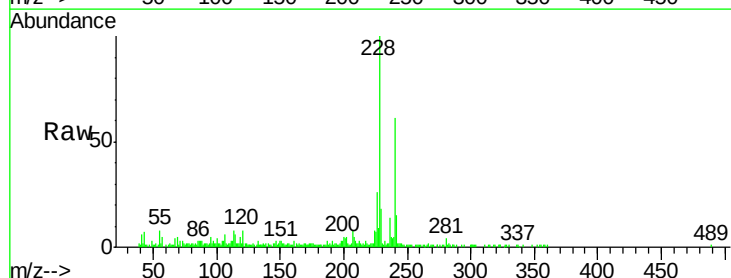
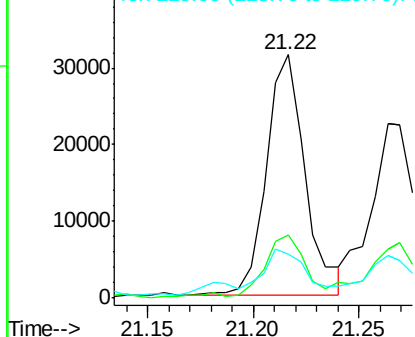
Delta R.T. -0.01 min

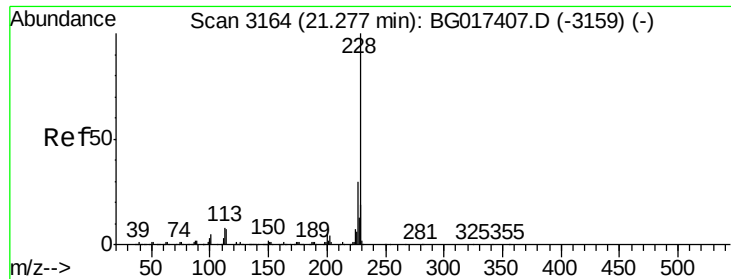
Lab File: BG017542.D

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Tgt Ion:	228	Resp:	39857
Ion Ratio	Lower	Upper	
228	100		
226	26.2	21.0	31.6
229	18.3	15.7	23.5

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





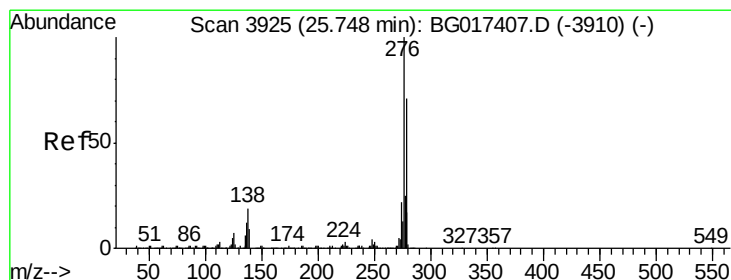
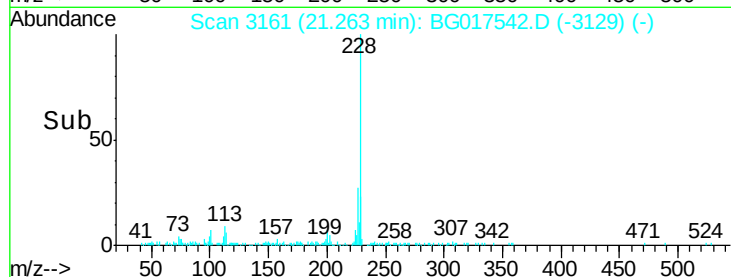
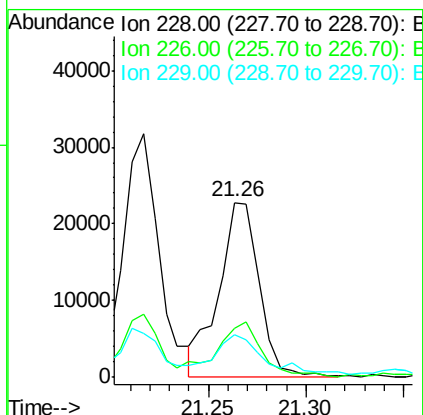
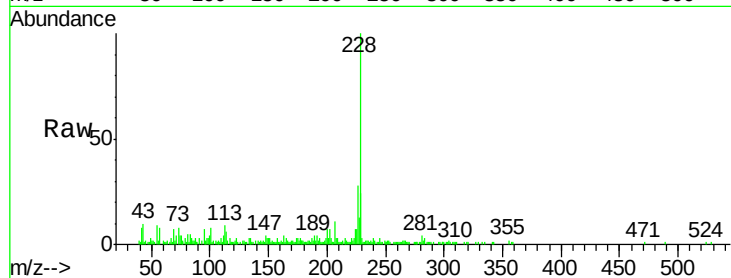
#82
Chrysene
Concen: 5.56 ng m
RT: 21.26 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG017542.D
Acq: 8 Jun 2015 14:34

Instrument :
BNA_G
ClientSampleId :
SB-16DS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.7	35.5
229	24.1	15.2	22.8

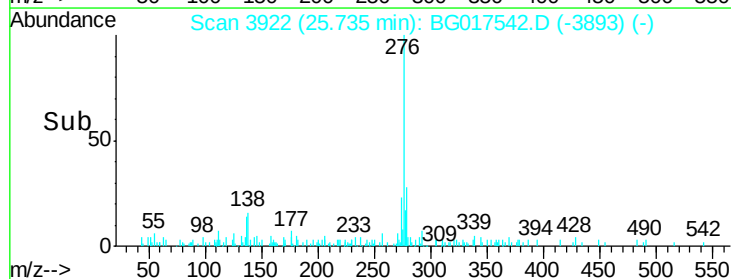
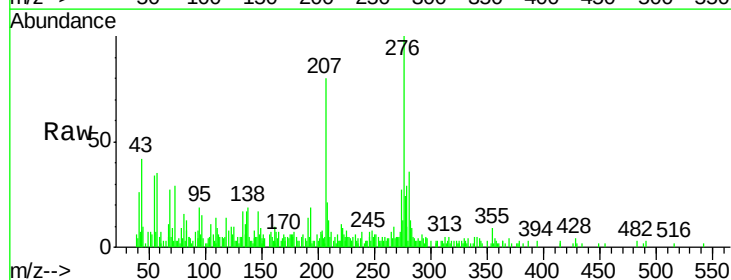
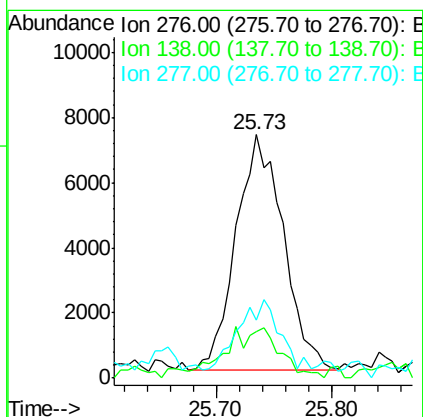
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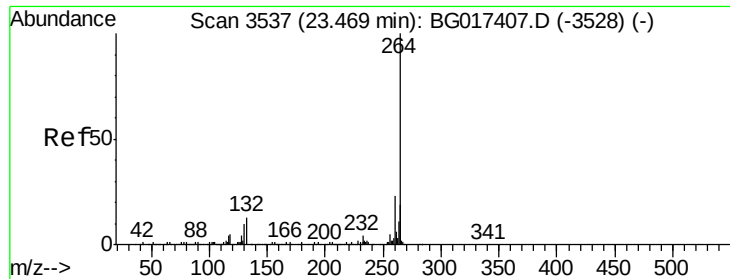
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.76 ng
RT: 25.73 min Scan# 3922
Delta R.T. -0.03 min
Lab File: BG017542.D
Acq: 8 Jun 2015 14:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.0	15.4	23.0
277	26.0	20.5	30.7





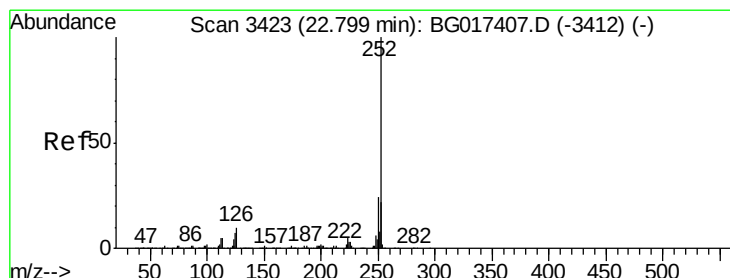
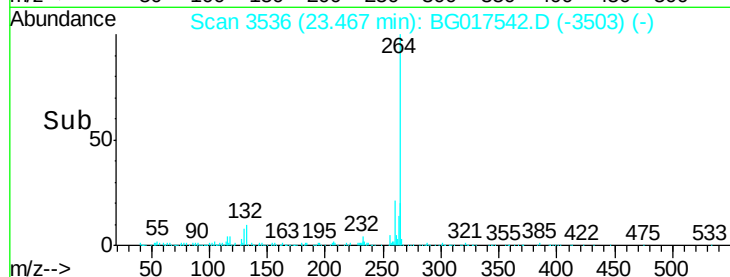
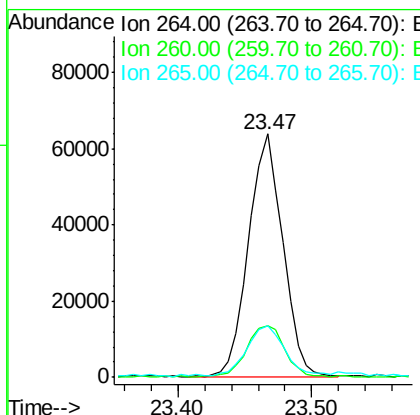
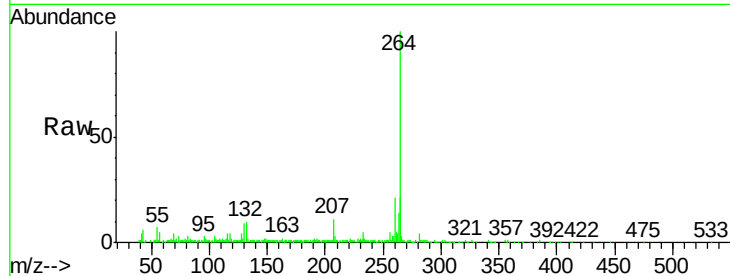
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.47 min Scan# 3536
Delta R.T. -0.01 min
Lab File: BG017542.D
Acq: 8 Jun 2015 14:34

Instrument :
BNA_G
ClientSampleId :
SB-16DS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.0	18.2	27.4
265	21.1	15.8	23.6

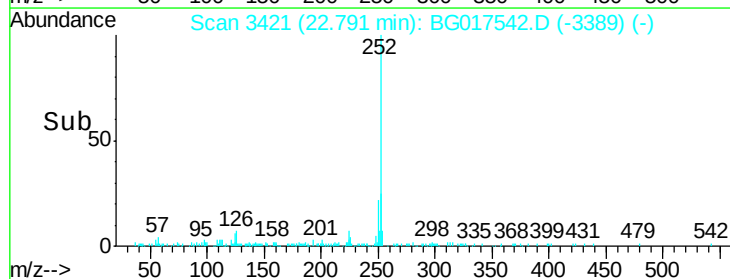
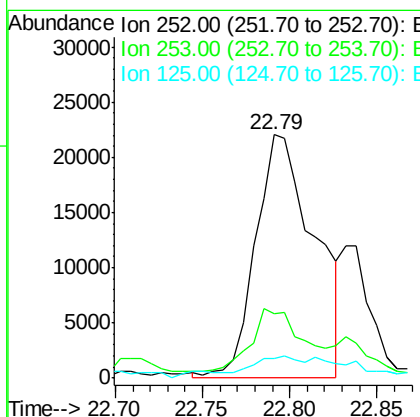
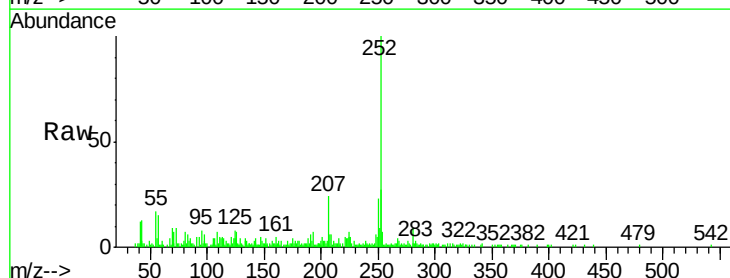
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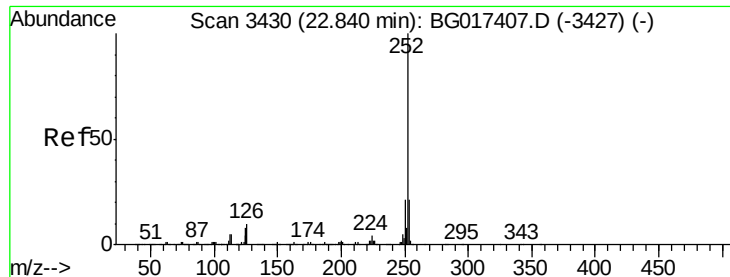
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#87
Benzo(b)fluoranthene
Concen: 7.27 ng m
RT: 22.79 min Scan# 3421
Delta R.T. -0.01 min
Lab File: BG017542.D
Acq: 8 Jun 2015 14:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.4	26.2#
125	7.9	5.8	8.8





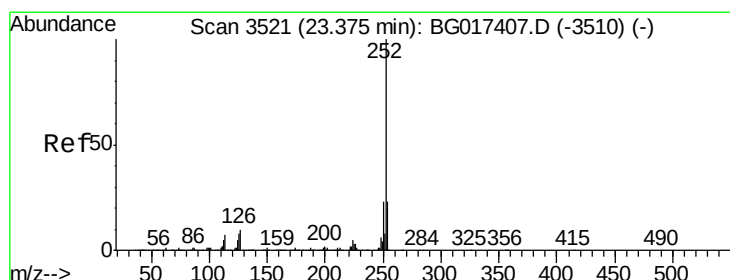
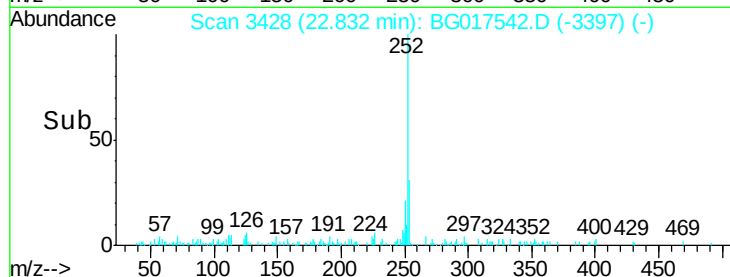
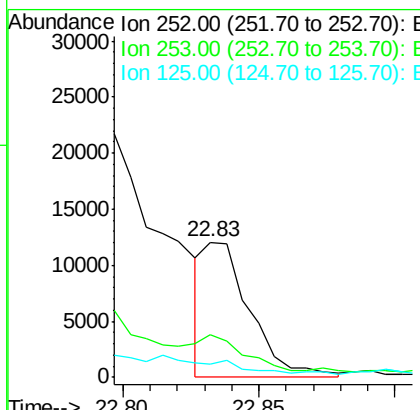
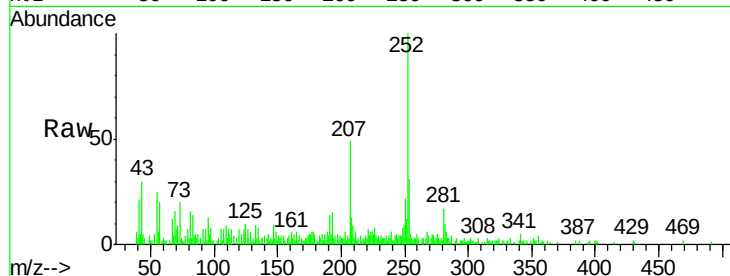
#88
Benzo(k)fluoranthene
Concen: 2.07 ng m
RT: 22.83 min Scan# 3428
Delta R.T. -0.02 min
Lab File: BG017542.D
Acq: 8 Jun 2015 14:34

Instrument :
BNA_G
ClientSampleId :
SB-16DS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.4	17.7	26.5#
125	9.6	6.5	9.7

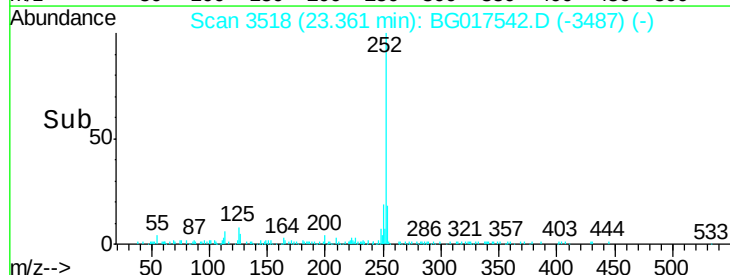
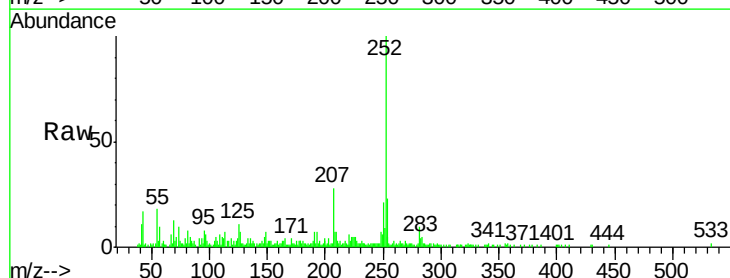
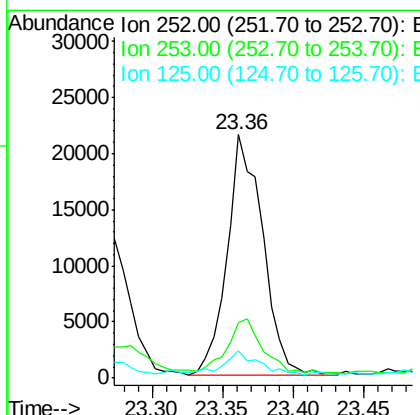
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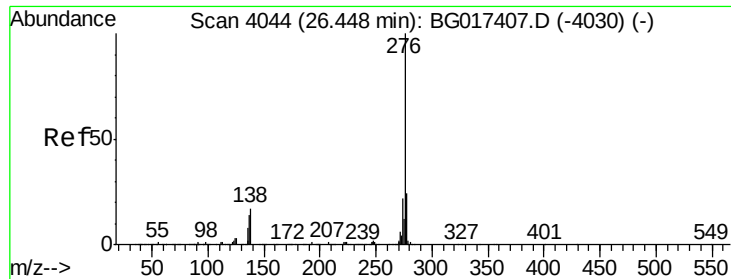
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#89
Benzo(a)pyrene
Concen: 5.74 ng
RT: 23.36 min Scan# 3518
Delta R.T. -0.02 min
Lab File: BG017542.D
Acq: 8 Jun 2015 14:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.1	6.5	9.7#





#91
 Benzo(g,h,i)perylene
 Concen: 3.40 ng
 RT: 26.44 min Scan# 4042
 Delta R.T. -0.03 min
 Lab File: BG017542.D
 Acq: 8 Jun 2015 14:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-16DS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.2	28.8
138	16.7	13.5	20.3

Manual Integrations
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