

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
 Data File : BG017540.D
 Acq On : 8 Jun 2015 13:24
 Operator : TP/IZ
 Sample : G2464-05 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-11D

Manual Integrations
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Quant Time: Jun 08 18:48:04 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 18:44:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	18092	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	74481	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	50021	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	112776	20.00	ng	0.00
75) Chrysene-d12	21.23	240	128167	20.00	ng	0.00
86) Perylene-d12	23.47	264	130754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	62583	60.94	ng	0.00
7) Phenol-d6	6.82	99	85378	61.03	ng	0.00
23) Nitrobenzene-d5	8.77	82	58848	39.44	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	39913	57.45	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	131029	39.51	ng	0.00
78) Terphenyl-d14	19.68	244	225088	36.30	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.75	163	22686	5.21	ng	Qvalue # 92
70) Phenanthrene	17.08	178	17473	2.78	ng	97
74) Fluoranthene	19.11	202	29884	3.63	ng	99
77) Pyrene	19.47	202	39159	4.96	ng	99
87) Benzo(b)fluoranthene	22.80	252	16687m	2.01	ng	
89) Benzo(a)pyrene	23.37	252	15767	2.07	ng	# 95

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

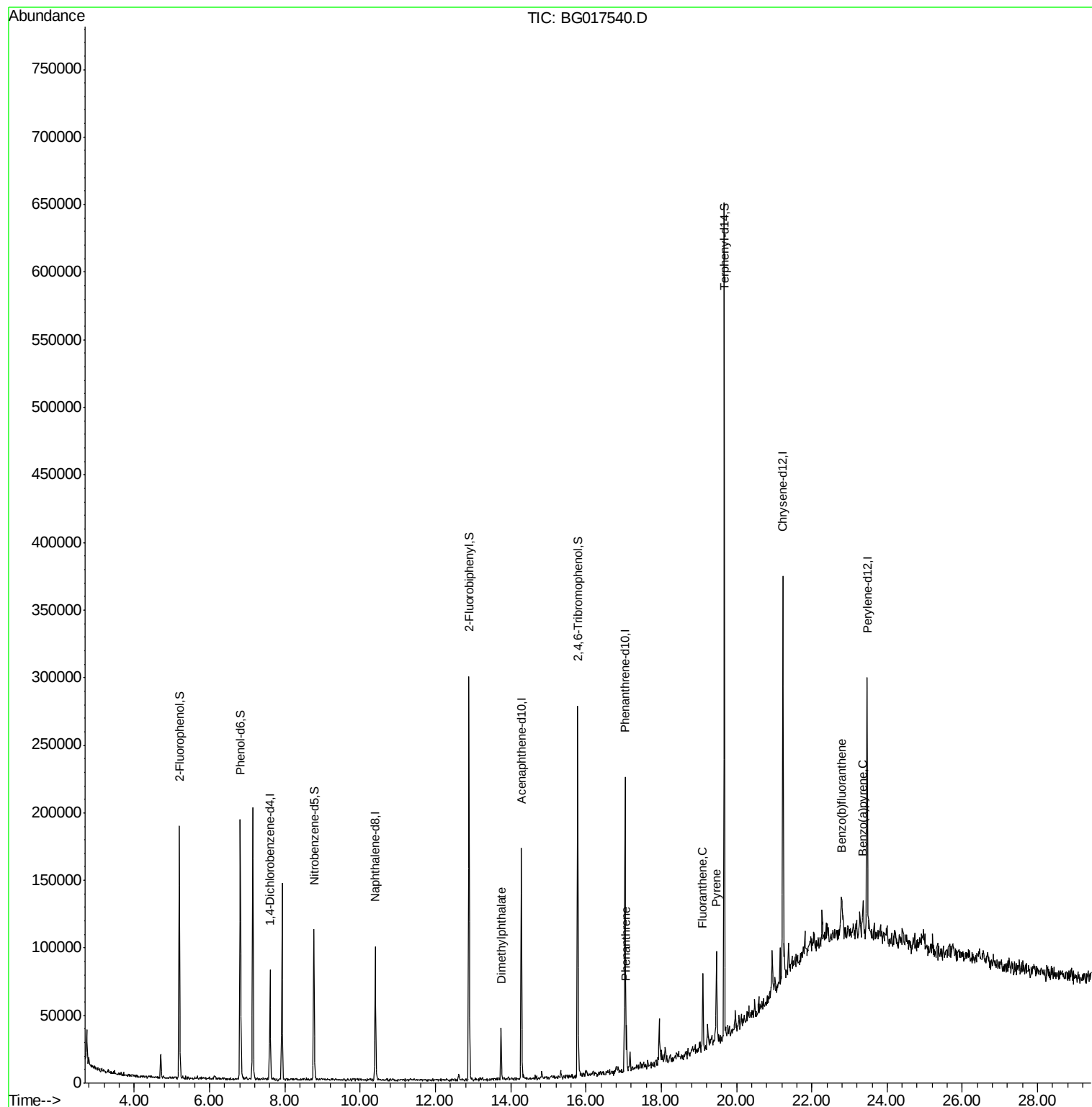
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017540.D
Acq On : 8 Jun 2015 13:24
Operator : TP/IZ
Sample : G2464-05 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

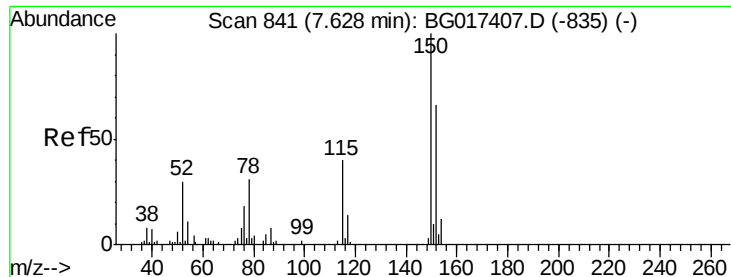
Instrument :
BNA_G
ClientSampleId :
SB-11D

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Quant Time: Jun 08 18:48:04 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 18:44:16 2015
Response via : Initial Calibration





#1

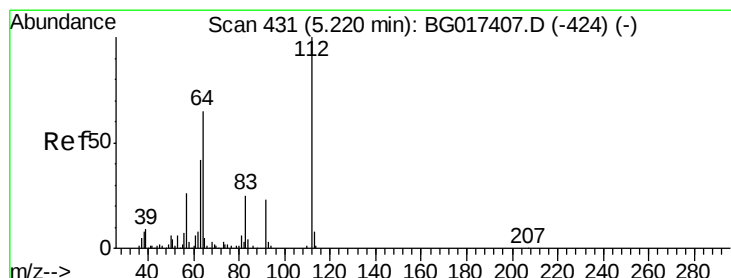
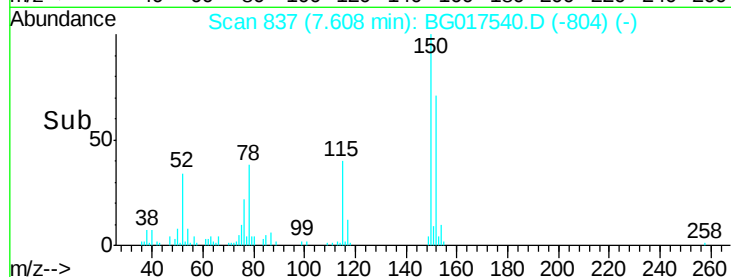
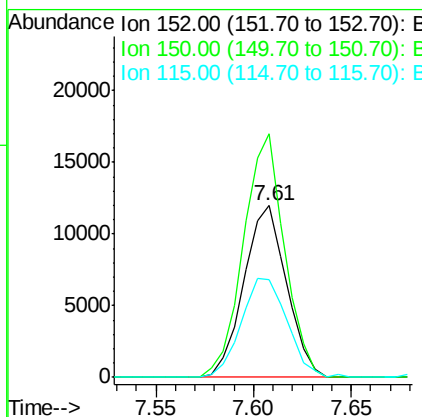
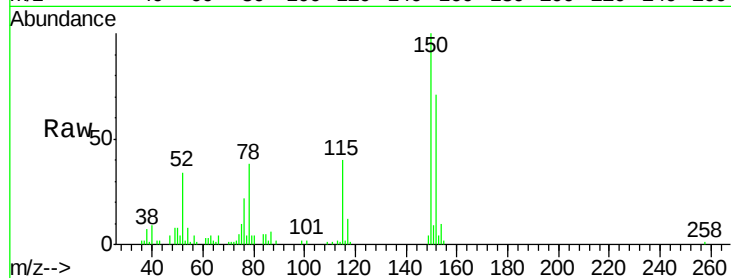
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG017540.D
Acq: 8 Jun 2015 13:24

Instrument :
BNA_G
ClientSampleId :
SB-11D

Tgt Ion	Ratio	Lower	Upper
152	100		
150	141.7	115.1	172.7
115	56.8	44.0	66.0

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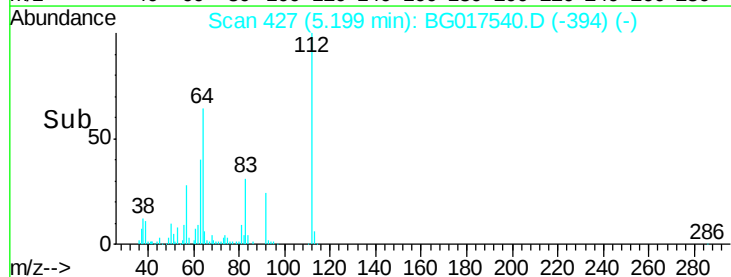
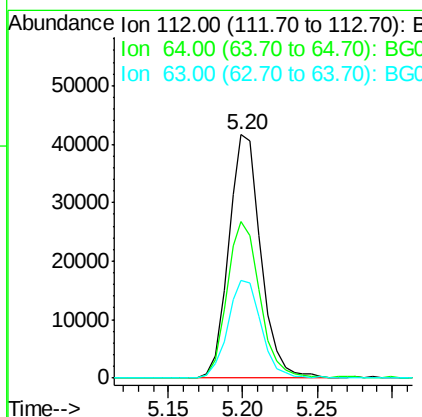
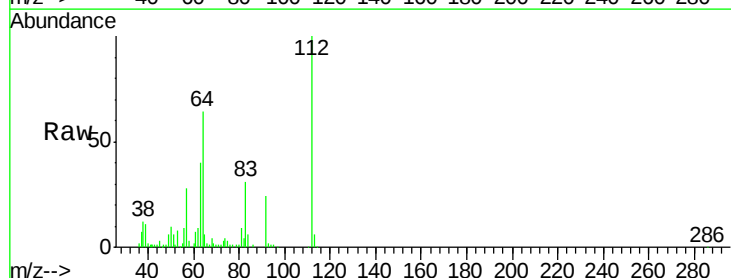
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#5

2-Fluorophenol
Concen: 60.94 ng
RT: 5.20 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG017540.D
Acq: 8 Jun 2015 13:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	53.4	80.2
63	40.2	36.6	54.8





#7

Phenol-d6

Concen: 61.03 ng

RT: 6.82 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG017540.D

Acq: 8 Jun 2015 13:24

Instrument :

BNA_G

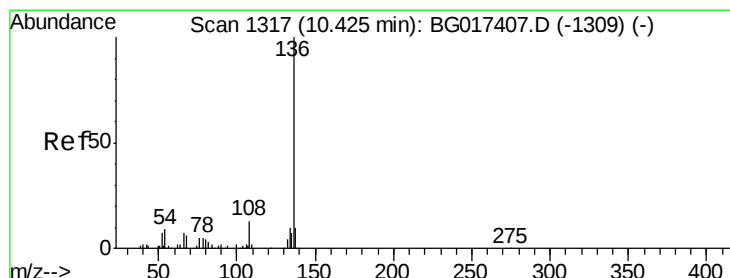
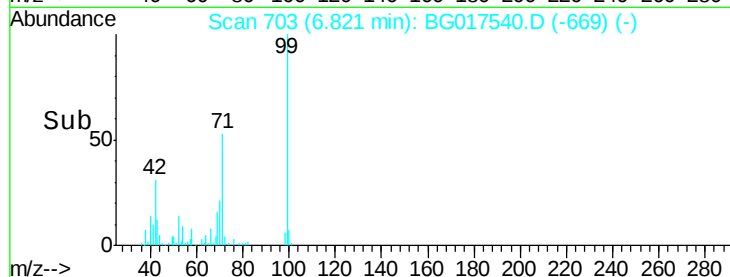
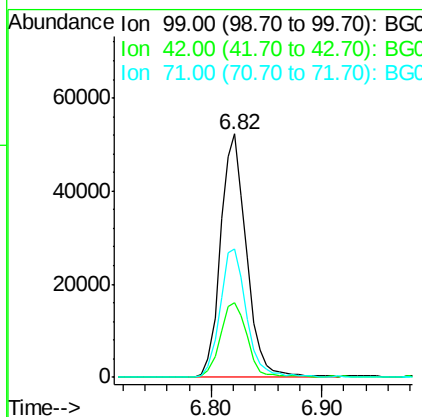
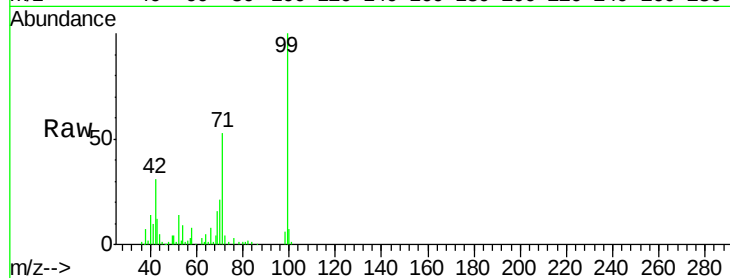
ClientSampleId :

SB-11D

Tgt Ion:	99	Resp:	85378
Ion Ratio	Lower	Upper	
99	100		
42	30.7	26.4	39.6
71	52.7	44.4	66.6

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#21

Naphthalene-d8

Concen: 20.00 ng

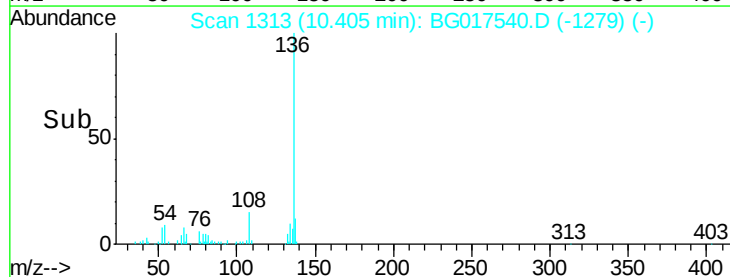
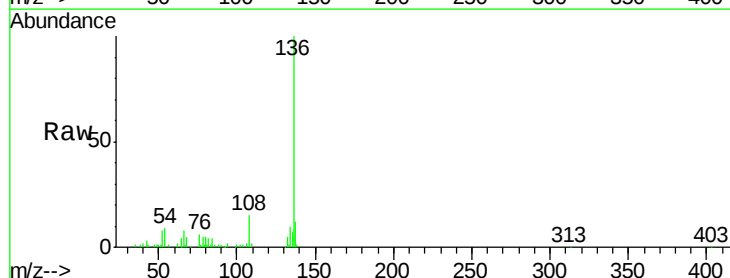
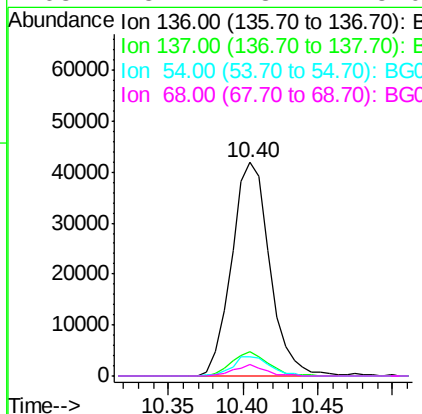
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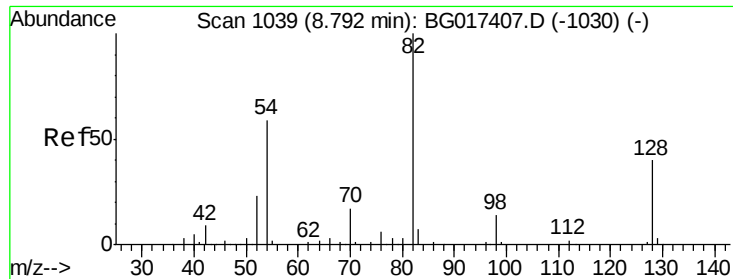
Delta R.T. 0.00 min

Lab File: BG017540.D

Acq: 8 Jun 2015 13:24

Tgt Ion:	136	Resp:	74481
Ion Ratio	Lower	Upper	
136	100		
137	11.6	7.7	11.5#
54	8.9	7.3	10.9
68	5.1	3.4	5.0#





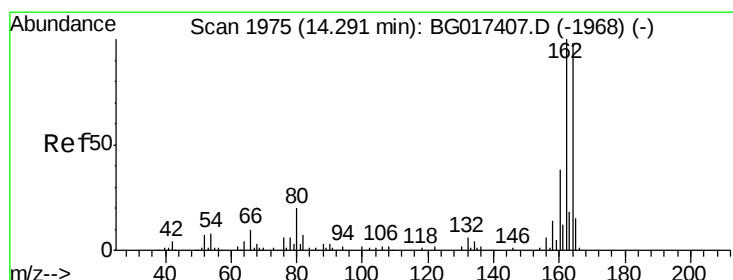
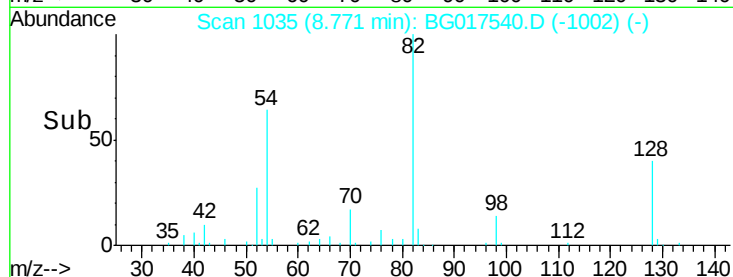
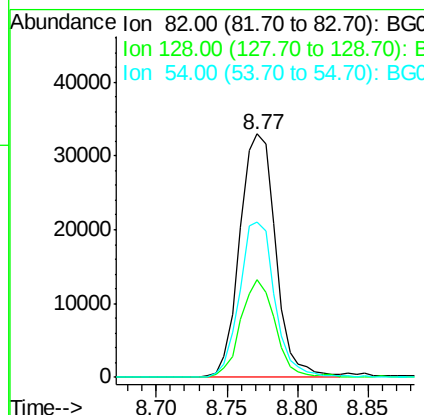
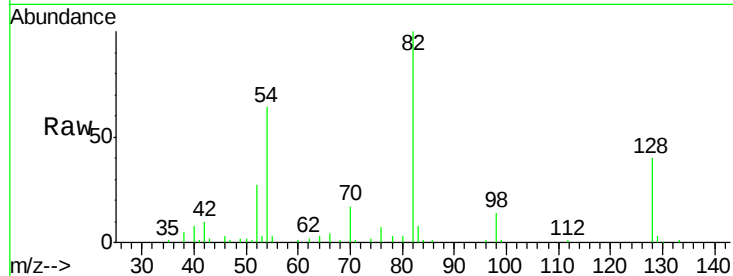
#23
 Nitrobenzene-d5
 Concen: 39.44 ng
 RT: 8.77 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG017540.D
 Acq: 8 Jun 2015 13:24

Instrument :
 BNA_G
 ClientSampleId :
 SB-11D

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	58848		
128	40.1	29.5	44.3	
54	63.9	47.9	71.9	

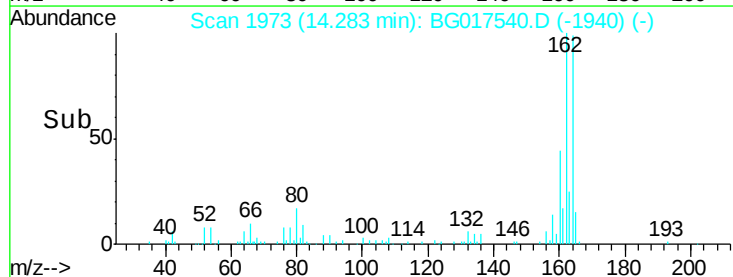
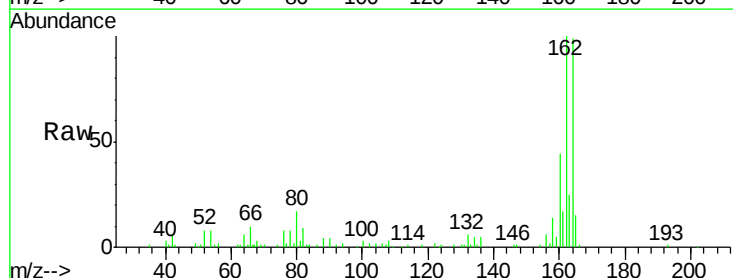
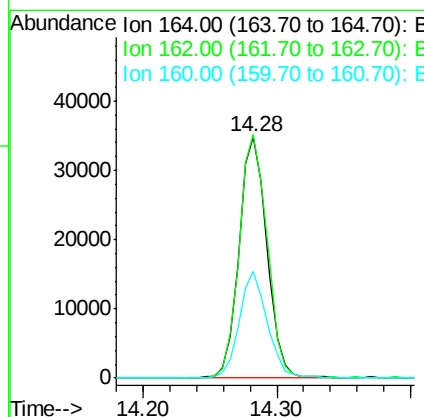
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.28 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG017540.D
 Acq: 8 Jun 2015 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	50021		
162	100.9	73.1	109.7	
160	44.2	32.4	48.6	





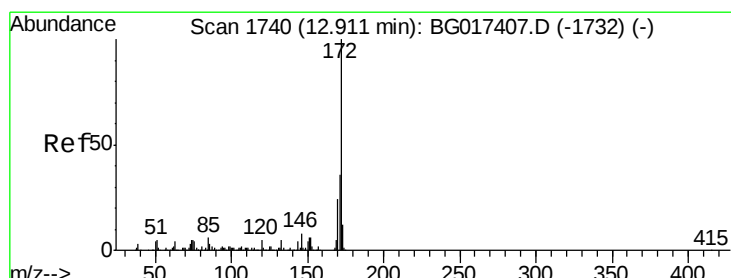
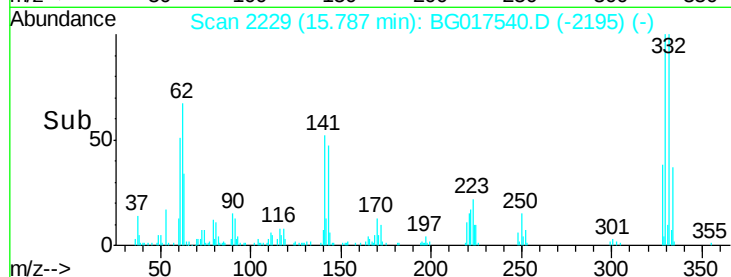
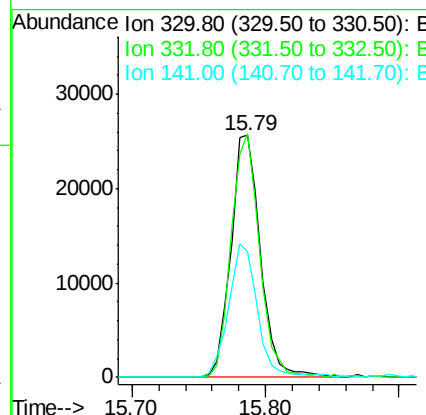
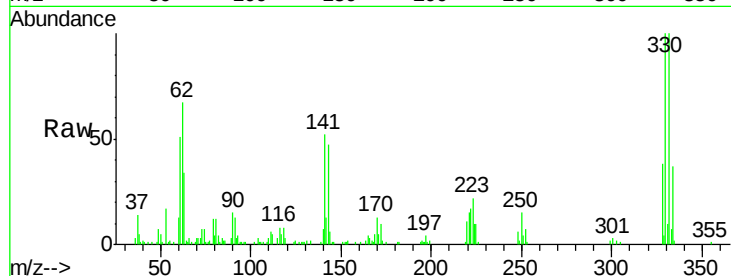
#41
 2,4,6-Tribromophenol
 Concen: 57.45 ng
 RT: 15.79 min Scan# 2229
 Delta R.T. 0.00 min
 Lab File: BG017540.D
 Acq: 8 Jun 2015 13:24

Instrument :
 BNA_G
 ClientSampled :
 SB-11D

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	39913		
332	96.4	75.0	112.6	
141	53.2	41.0	61.4	

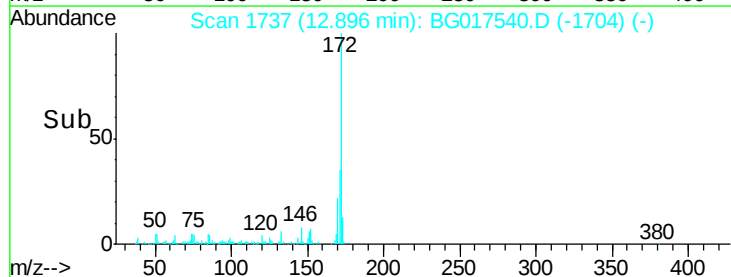
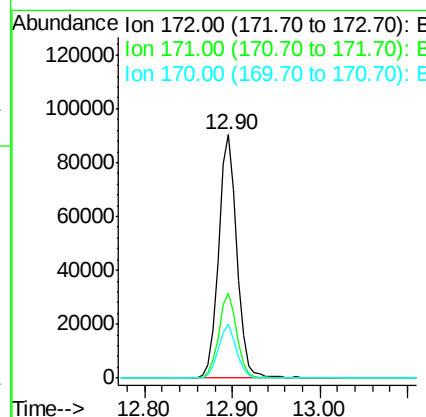
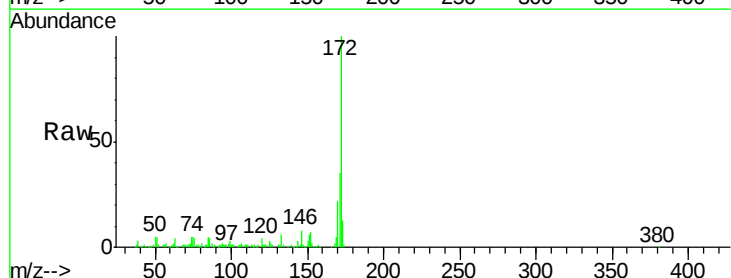
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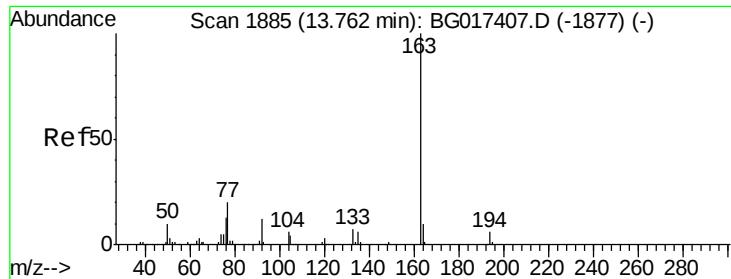
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#44
 2-Fluorobiphenyl
 Concen: 39.51 ng
 RT: 12.90 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG017540.D
 Acq: 8 Jun 2015 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	131029		
171	35.1	28.6	43.0	
170	22.5	18.0	27.0	





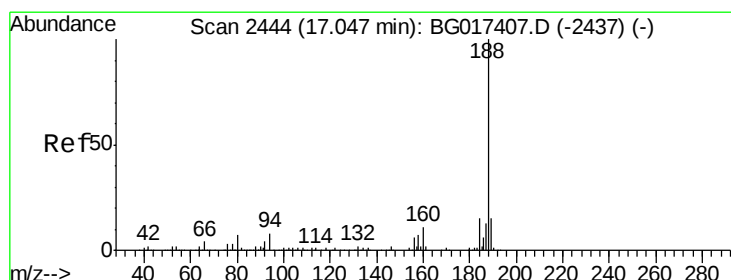
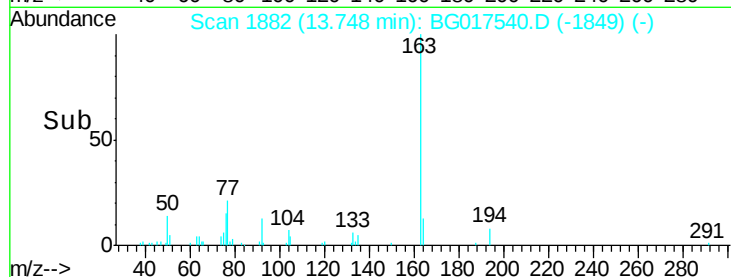
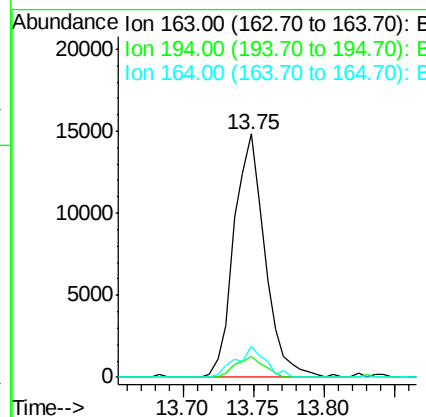
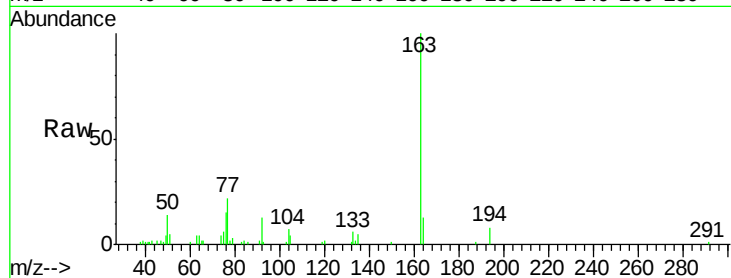
#49
Dimethylphthalate
Concen: 5.21 ng
RT: 13.75 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG017540.D
Acq: 8 Jun 2015 13:24

Instrument :
BNA_G
ClientSampleId :
SB-11D

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	22686		
194	8.4	4.9	7.3#	
164	12.8	7.8	11.6#	

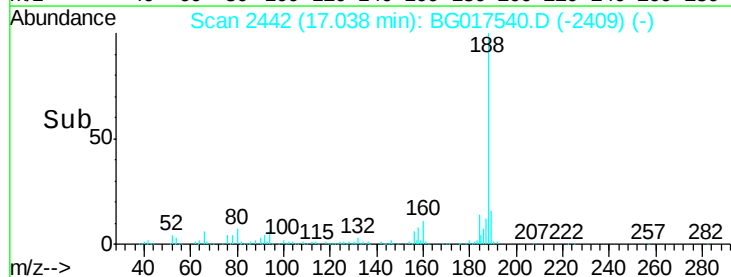
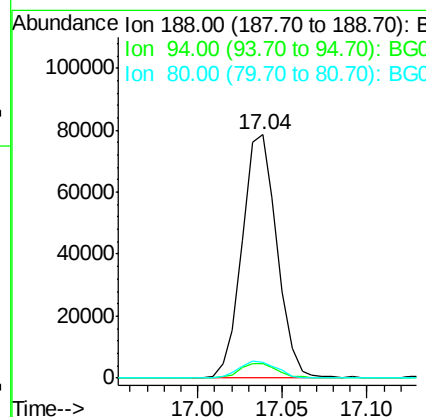
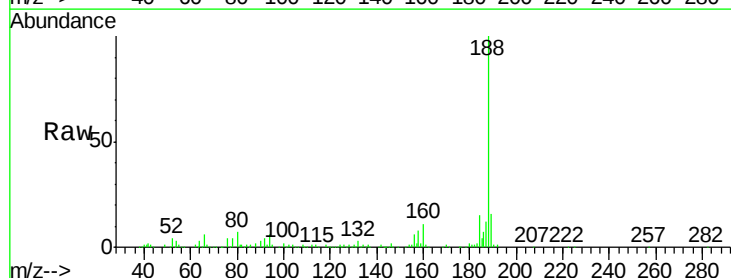
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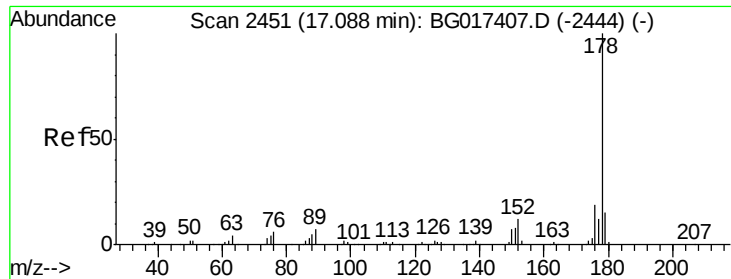
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG017540.D
Acq: 8 Jun 2015 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	112776		
94	5.8	5.2	7.8	
80	6.7	5.1	7.7	





#70

Phenanthrene

Concen: 2.78 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG017540.D

Acq: 8 Jun 2015 13:24

Instrument :

BNA_G

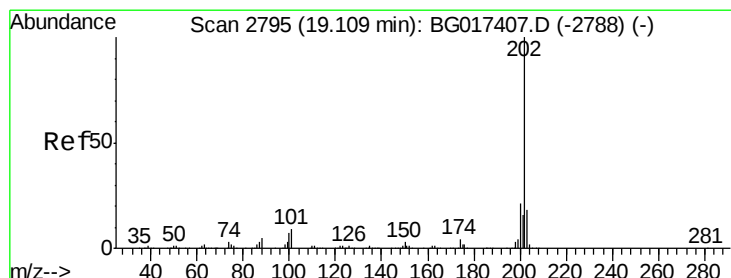
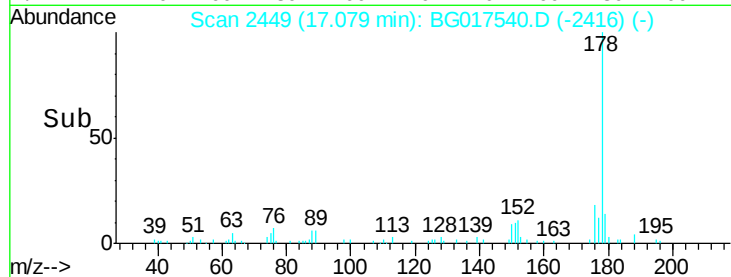
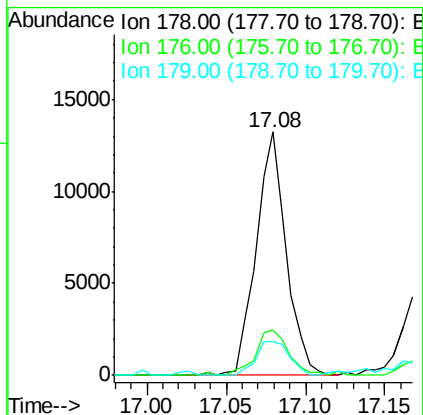
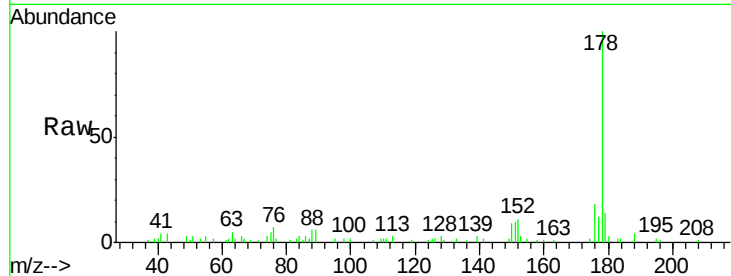
ClientSampleId :

SB-11D

Tgt Ion:	178	Resp:	17473
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.6	23.4
179	13.8	12.4	18.6

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#74

Fluoranthene

Concen: 3.63 ng

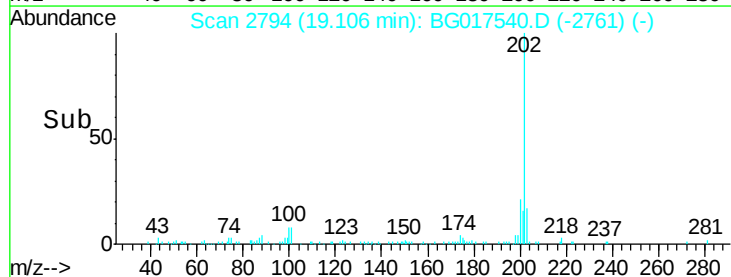
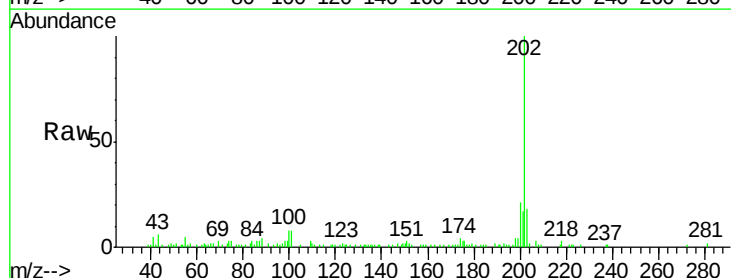
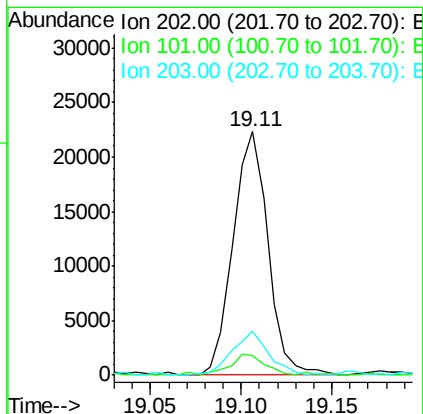
RT: 19.11 min Scan# 2794

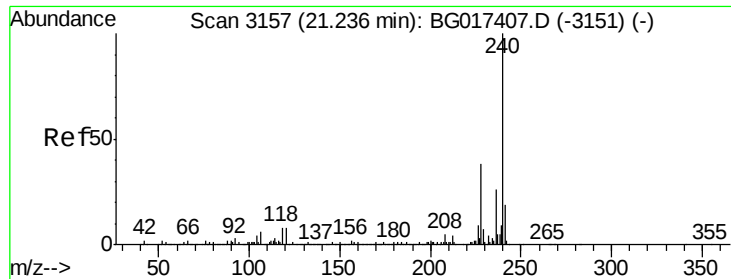
Delta R.T. -0.00 min

Lab File: BG017540.D

Acq: 8 Jun 2015 13:24

Tgt Ion:	202	Resp:	29884
Ion Ratio	Lower	Upper	
202	100		
101	7.8	0.0	27.5
203	18.3	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG017540.D

Acq: 8 Jun 2015 13:24

Instrument :

BNA_G

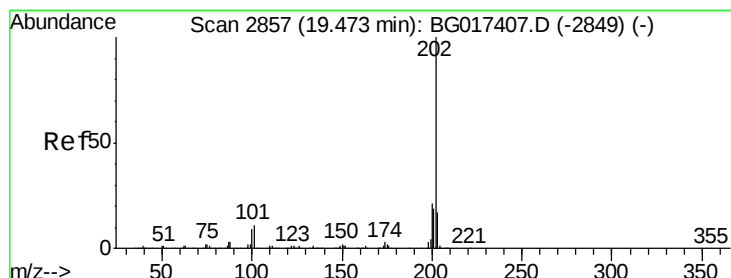
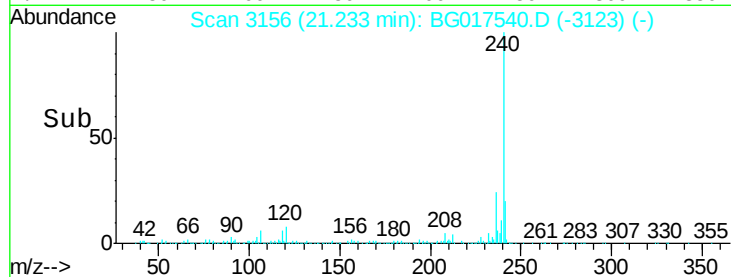
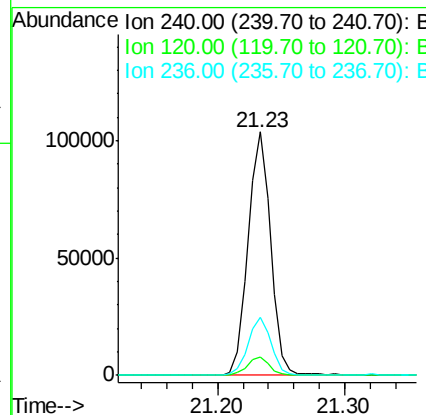
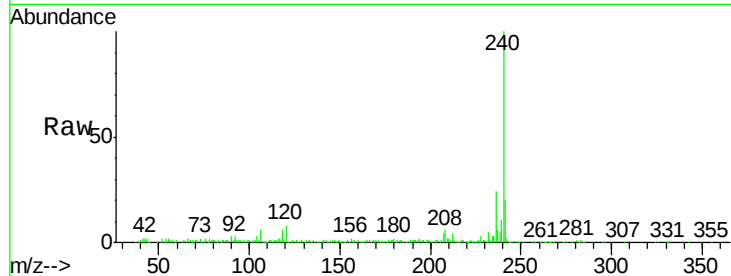
ClientSampleId :

SB-11D

Tgt	Ion	Resp	Lower	Upper
240	100			
120	7.7	5.6	8.4	
236	23.8	20.0	30.0	

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#77

Pyrene

Concen: 4.96 ng

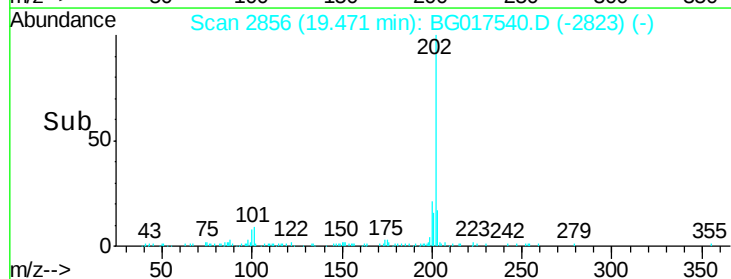
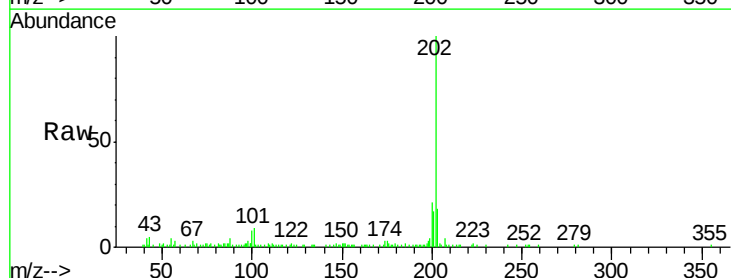
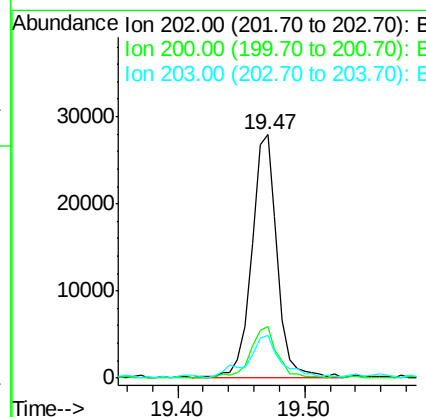
RT: 19.47 min Scan# 2856

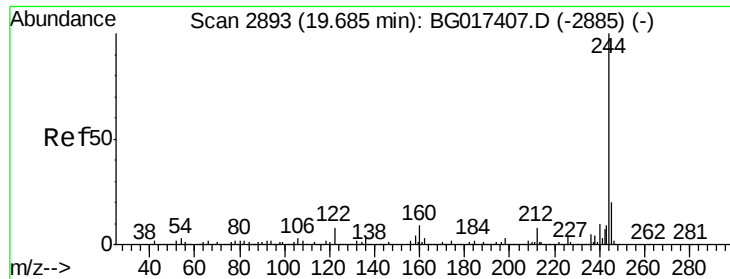
Delta R.T. -0.00 min

Lab File: BG017540.D

Acq: 8 Jun 2015 13:24

Tgt	Ion	Resp	Lower	Upper
202	100			
200	21.3	16.8	25.2	
203	17.6	13.5	20.3	





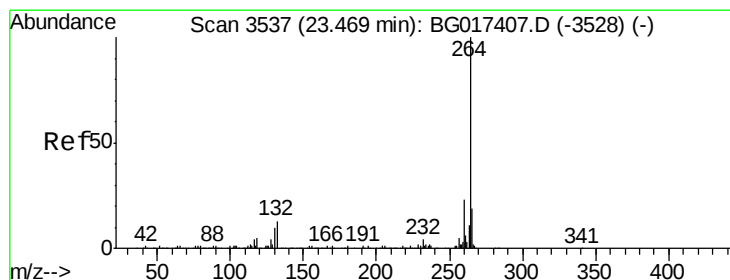
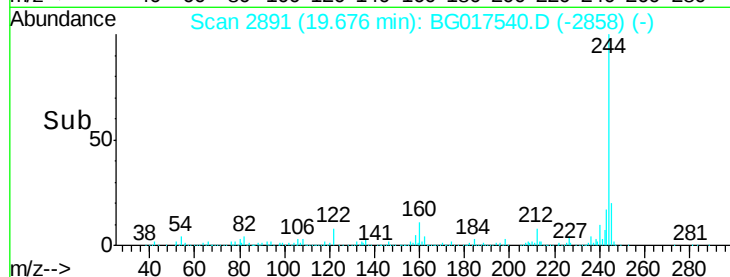
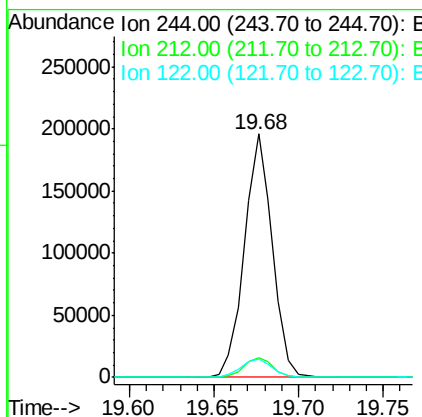
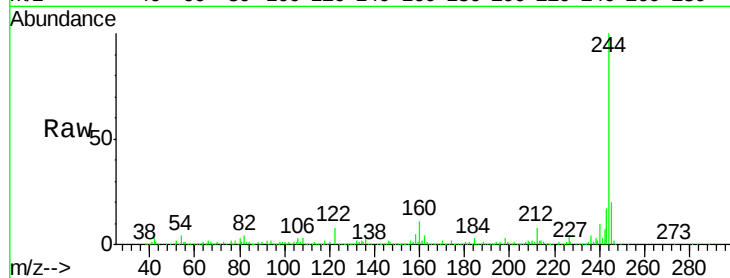
#78
 Terphenyl-d14
 Concen: 36.30 ng
 RT: 19.68 min Scan# 2891
 Delta R.T. -0.00 min
 Lab File: BG017540.D
 Acq: 8 Jun 2015 13:24

Instrument :
 BNA_G
 ClientSampled :
 SB-11D

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.2	7.0	10.4
122	7.8	7.1	10.7

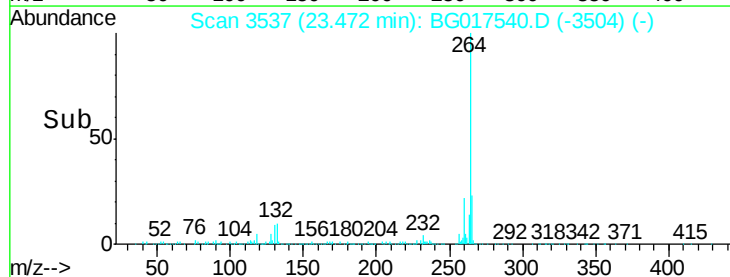
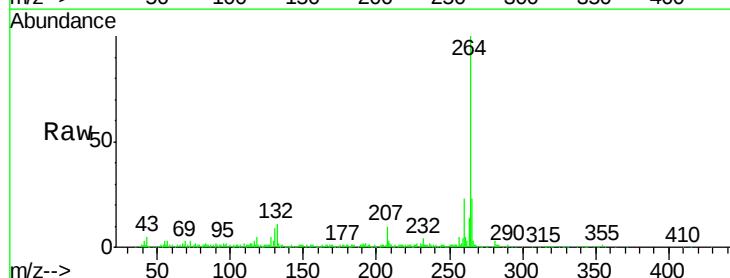
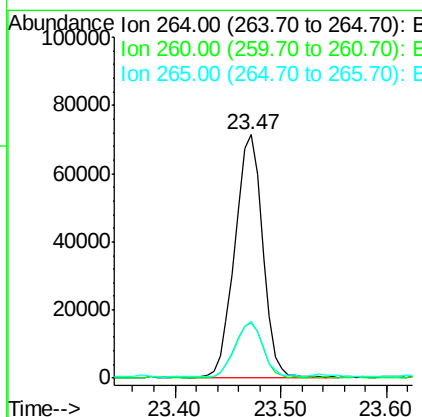
Manual Integrations
 APPROVED

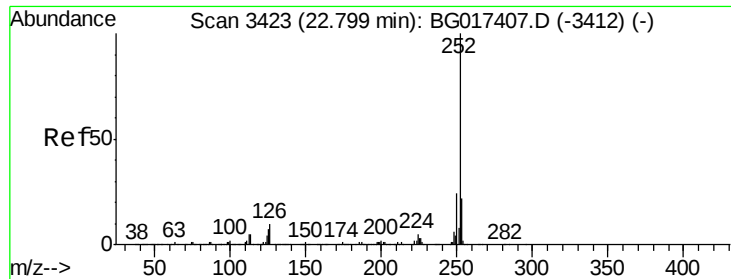
apatel
 6/9/2015 3:55:55 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.47 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: BG017540.D
 Acq: 8 Jun 2015 13:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	22.7	17.3	25.9
265	23.2	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 2.01 ng m

RT: 22.80 min Scan# 3423

Delta R.T. -0.00 min

Lab File: BG017540.D

Acq: 8 Jun 2015 13:24

Instrument :

BNA_G

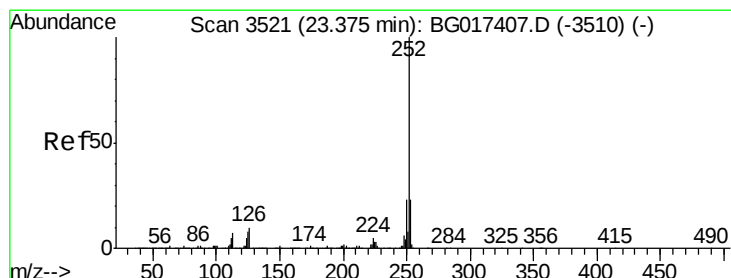
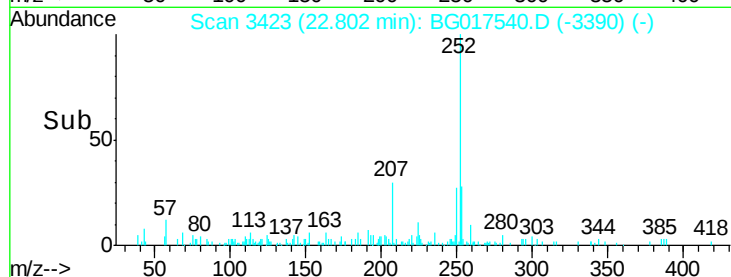
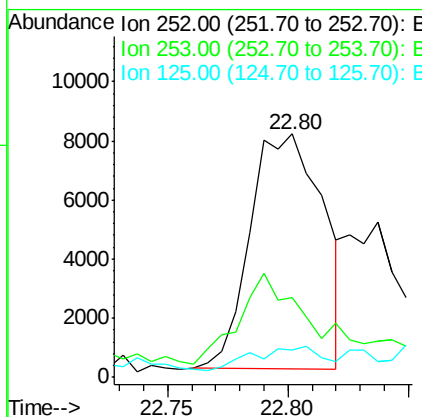
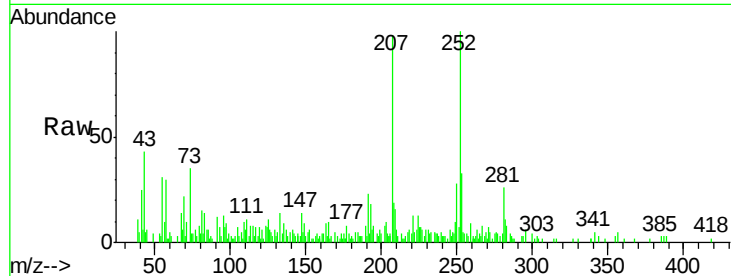
ClientSampleId :

SB-11D

Tgt Ion:	252	Resp:	16687
Ion Ratio	Lower	Upper	
252	100		
253	32.7	18.7	28.1#
125	11.3	5.1	7.7#

Manual Integrations
APPROVED

apatel
6/9/2015 3:55:55 PM



#89

Benzo(a)pyrene

Concen: 2.07 ng

RT: 23.37 min Scan# 3520

Delta R.T. -0.01 min

Lab File: BG017540.D

Acq: 8 Jun 2015 13:24

Tgt Ion:	252	Resp:	15767
Ion Ratio	Lower	Upper	
252	100		
253	21.8	16.8	25.2
125	12.5	6.0	9.0#

