

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
 Data File : BG021717.D
 Acq On : 16 Apr 2016 14:40
 Operator : UM/SJ
 Sample : H2560-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 POSTEX-25-20160414

Manual Integrations
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Quant Time: Apr 18 03:17:10 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	30989	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	140001	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	88233	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	195575	20.00	ng	0.00
75) Chrysene-d12	21.83	240	216376	20.00	ng	0.00
86) Perylene-d12	25.17	264	216363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	200169	107.57	ng	0.01
7) Phenol-d6	7.37	99	305701	109.98	ng	0.01
23) Nitrobenzene-d5	9.38	82	191261	70.22	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	118516	124.63	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	434476	72.15	ng	0.00
78) Terphenyl-d14	20.14	244	565666	65.23	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.27	163	58648	7.69	ng	100
70) Phenanthrene	17.60	178	98730	9.16	ng	96
74) Fluoranthene	19.59	202	206932	16.08	ng	100
77) Pyrene	19.95	202	238207	19.09	ng	100
80) Benzo(a)anthracene	21.81	228	126122	10.13	ng	99
82) Chrysene	21.88	228	130466	10.91	ng	97
85) Indeno(1,2,3-cd)pyrene	28.98	276	71954	5.06	ng	99
87) Benzo(b)fluoranthene	24.10	252	148743	11.85	ng	96
88) Benzo(k)fluoranthene	24.17	252	52688m	4.29	ng	
89) Benzo(a)pyrene	25.01	252	113525	9.33	ng	96
91) Benzo(g,h,i)perylene	30.16	276	78887m	6.59	ng	

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

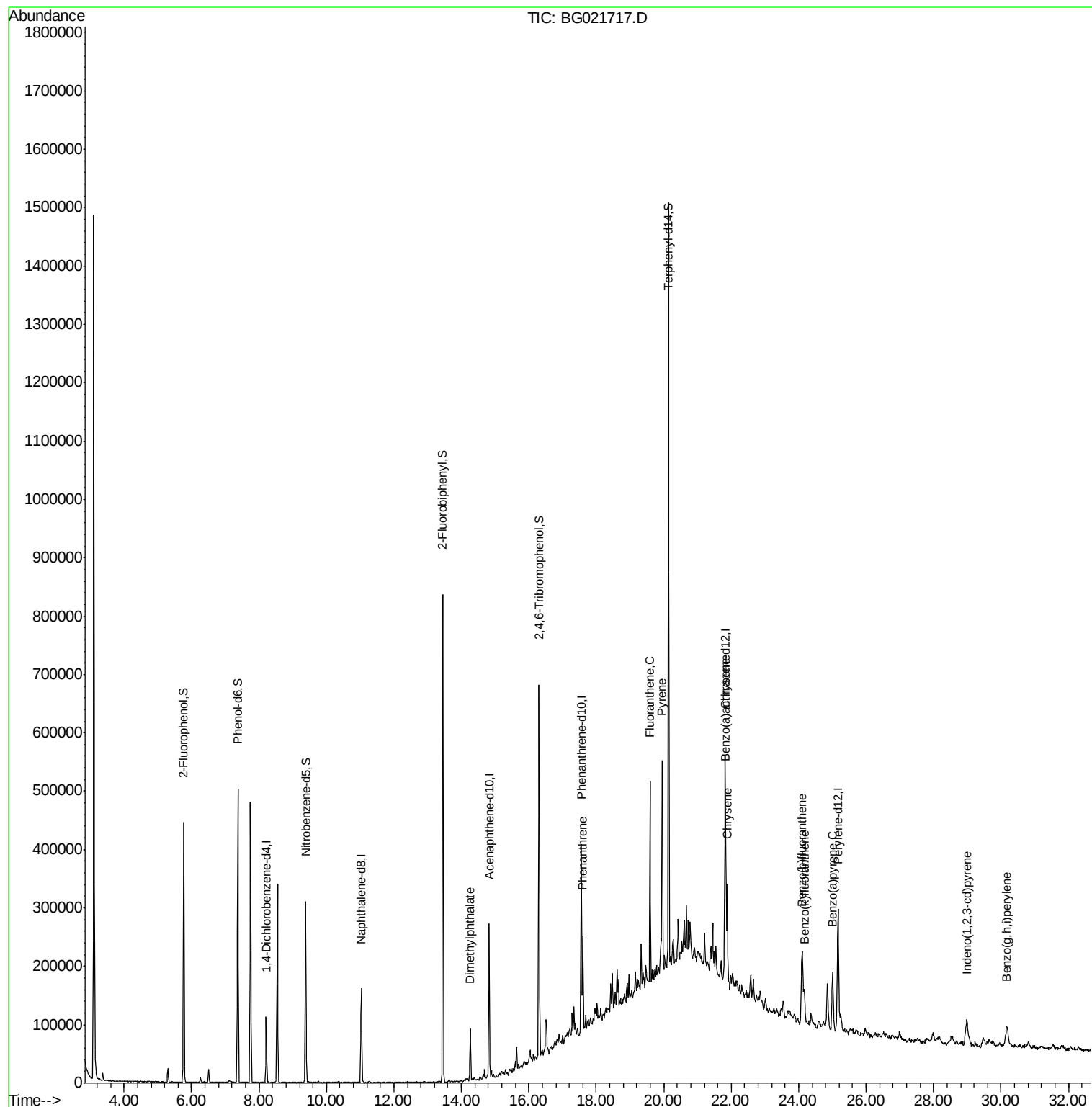
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021717.D
Acq On : 16 Apr 2016 14:40
Operator : UM/SJ
Sample : H2560-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

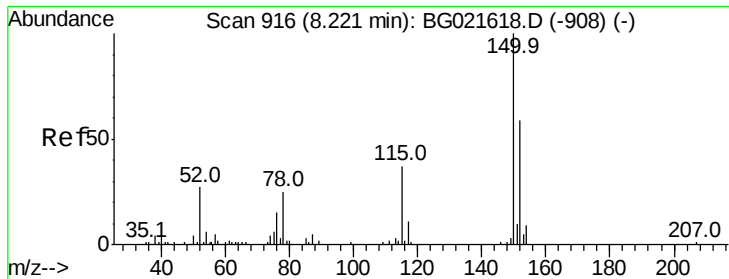
Instrument :
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Quant Time: Apr 18 03:17:10 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
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#1

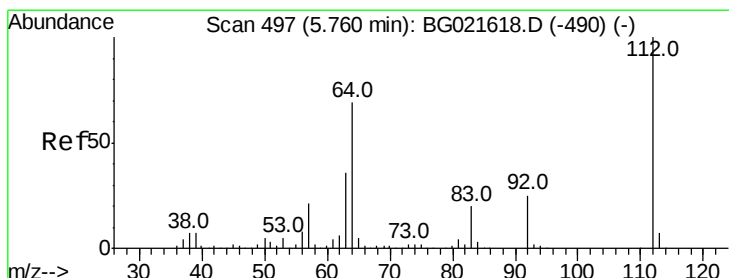
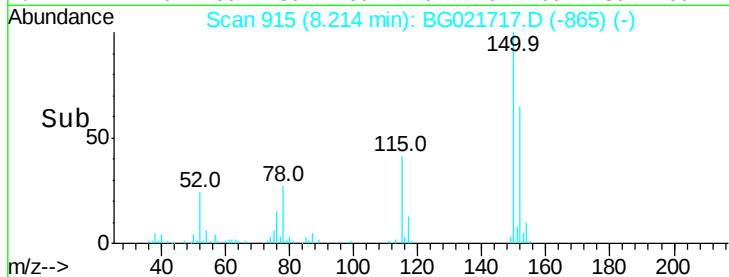
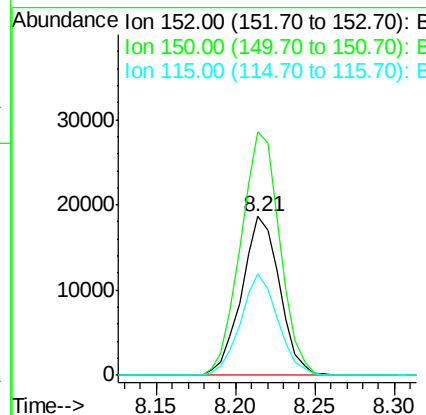
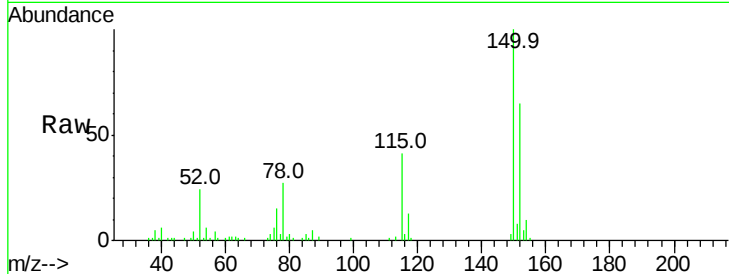
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG021717.D
Acq: 16 Apr 2016 14:40

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	130.1	195.1
115	63.6	62.2	93.2

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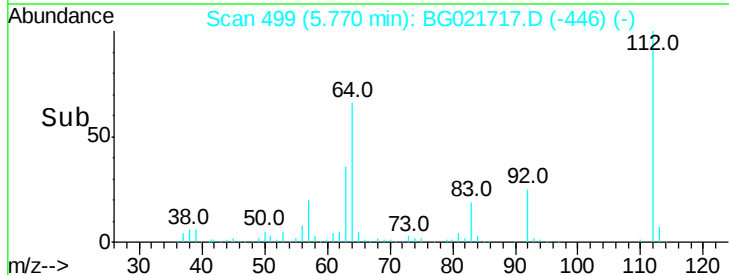
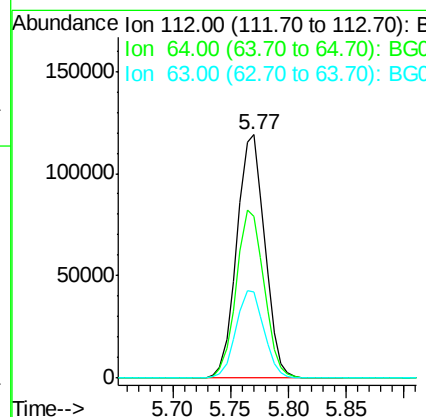
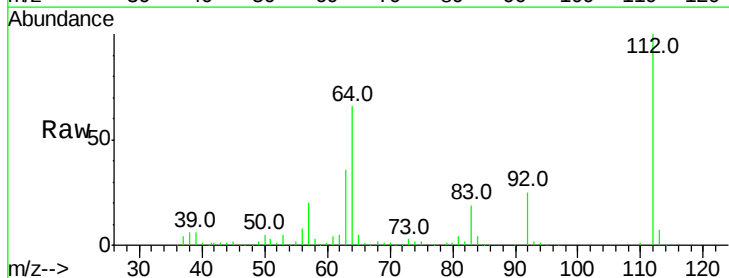
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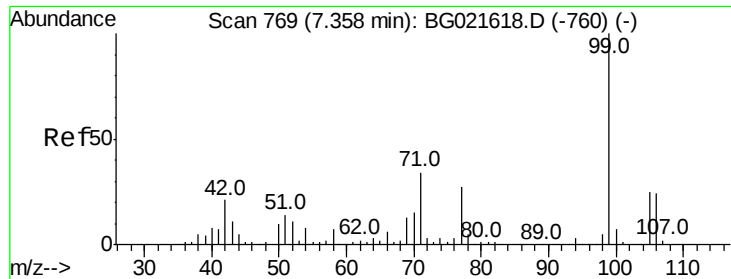


#5

2-Fluorophenol
Concen: 107.57 ng
RT: 5.77 min Scan# 499
Delta R.T. 0.01 min
Lab File: BG021717.D
Acq: 16 Apr 2016 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	51.1	76.7
63	35.6	24.6	37.0





#7

Phenol-d6

Concen: 109.98 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021717.D

Acq: 16 Apr 2016 14:40

Instrument :

BNA_G

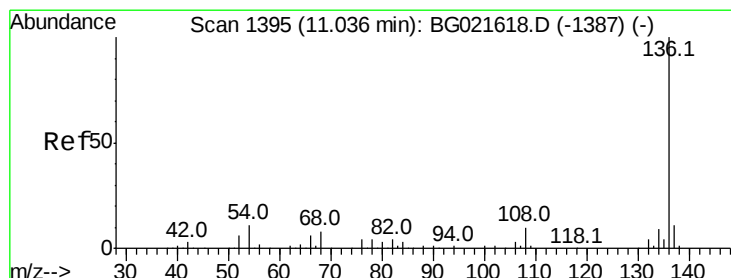
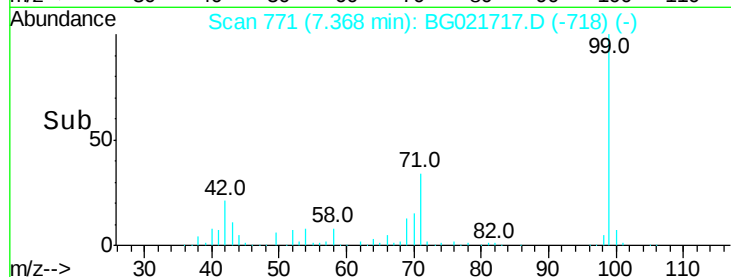
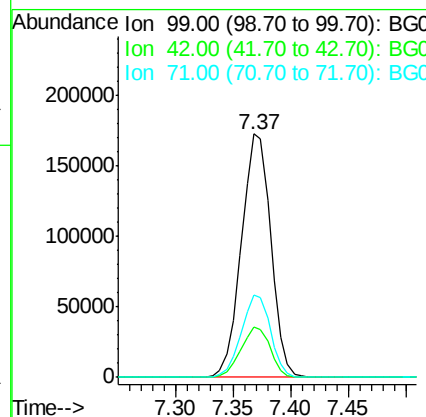
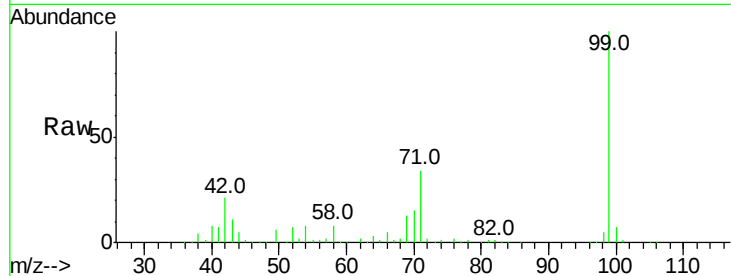
ClientSampleId :

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Tot Ion:	99	Resp:	305701
Ion Ratio	Lower	Upper	
99	100		
42	20.6	16.4	24.6
71	33.7	25.0	37.4

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#21

Naphthalene-d8

Concen: 20.00 ng

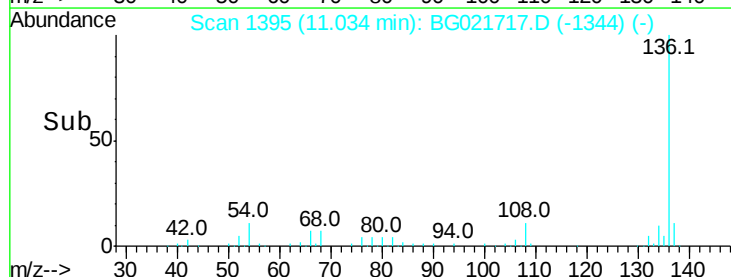
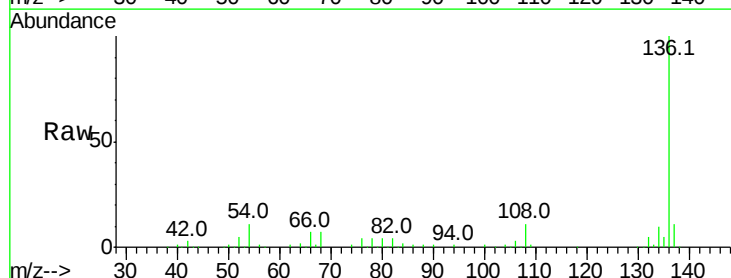
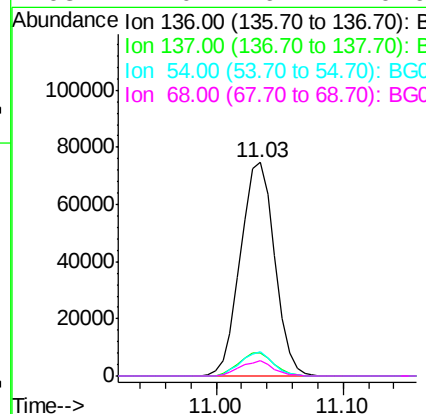
RT: 11.03 min Scan# 1395

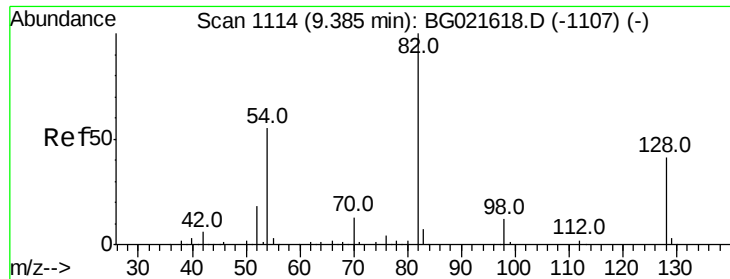
Delta R.T. -0.00 min

Lab File: BG021717.D

Acq: 16 Apr 2016 14:40

Tgt Ion:	136	Resp:	140001
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	11.3	9.6	14.4
68	7.0	6.4	9.6





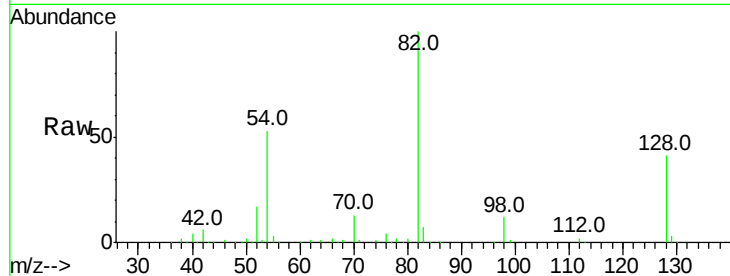
#23
 Nitrobenzene-d5
 Concen: 70.22 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021717.D
 Acq: 16 Apr 2016 14:40

Instrument :
 BNA_G
 ClientSampleId :
 POSTEX-25-20160414

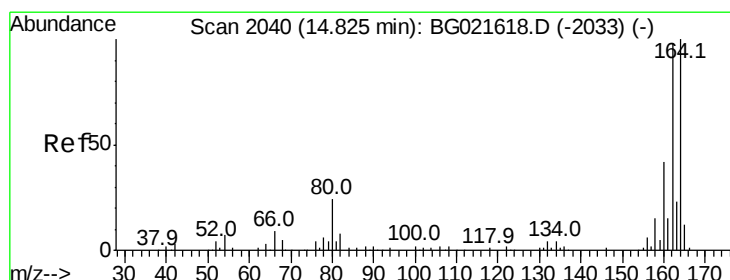
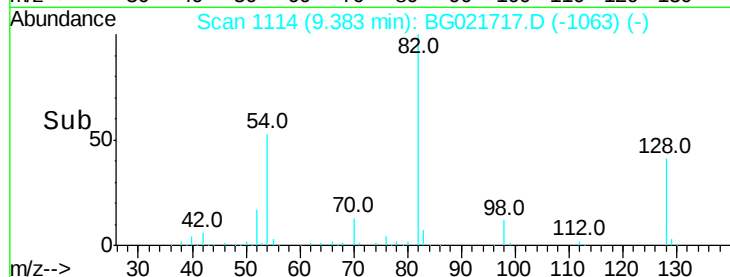
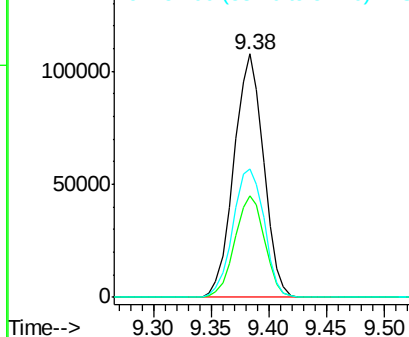
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.5	33.4	50.0	
54	52.7	46.1	69.1	

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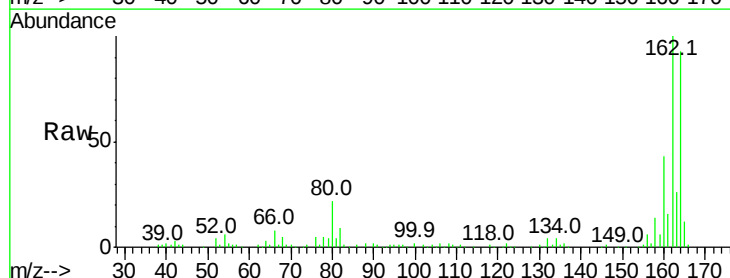


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

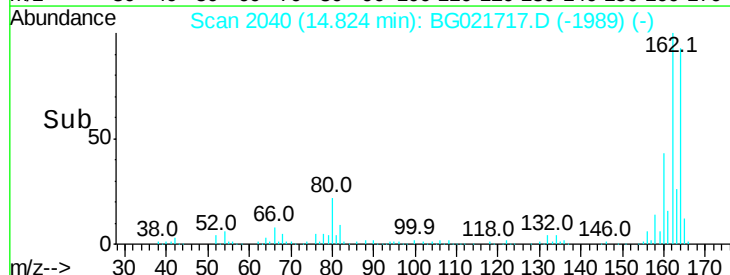
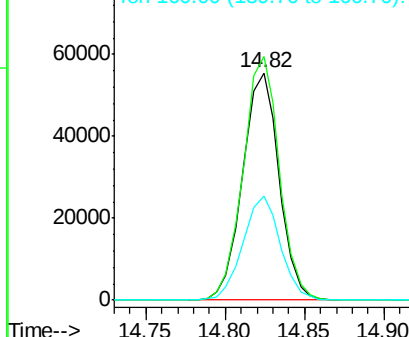


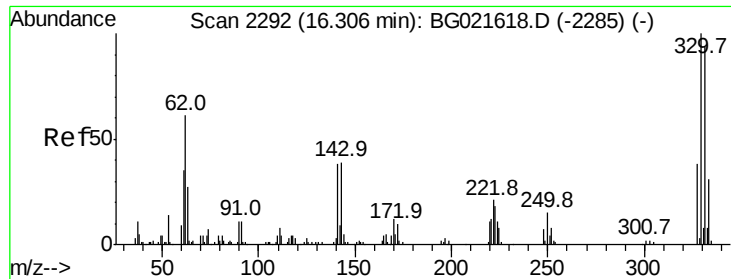
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021717.D
 Acq: 16 Apr 2016 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	107.3	78.0	117.0	
160	45.9	32.9	49.3	



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





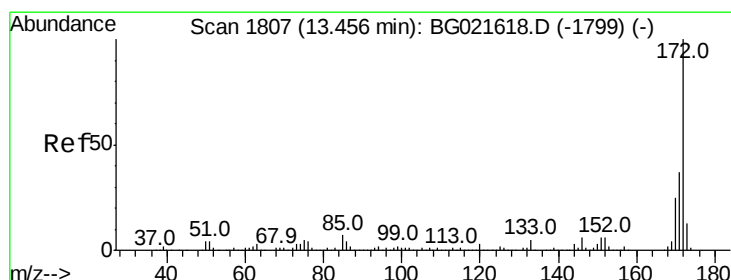
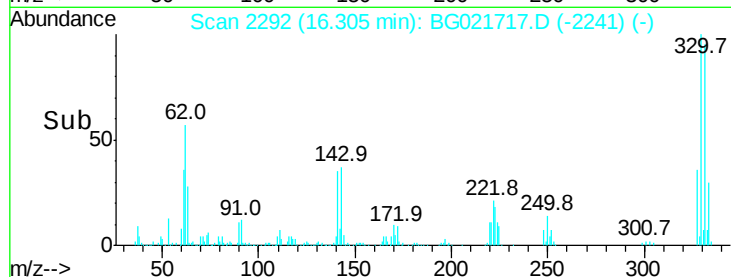
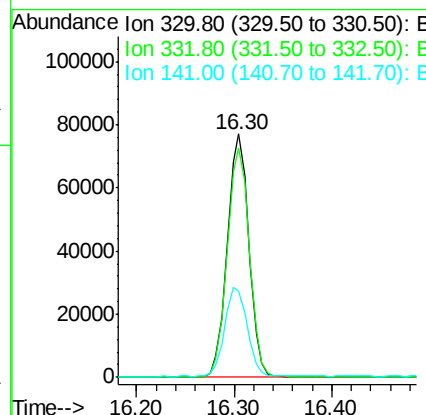
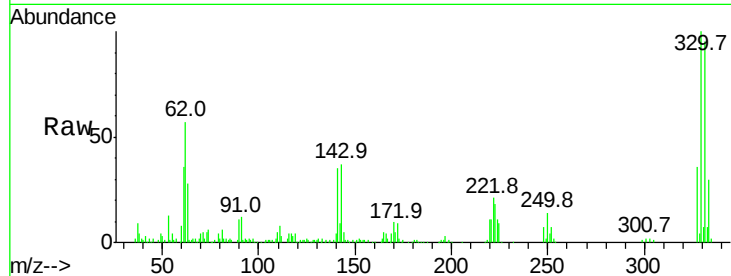
#41
 2,4,6-Tribromophenol
 Concen: 124.63 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021717.D
 Acq: 16 Apr 2016 14:40

Instrument :
 BNA_G
 ClientSampleId :
 POSTEX-25-20160414

Tot Ion	Ratio	Resp	Lower	Upper
330	100	118516		
332	96.8	78.0	117.0	
141	38.1	33.8	50.8	

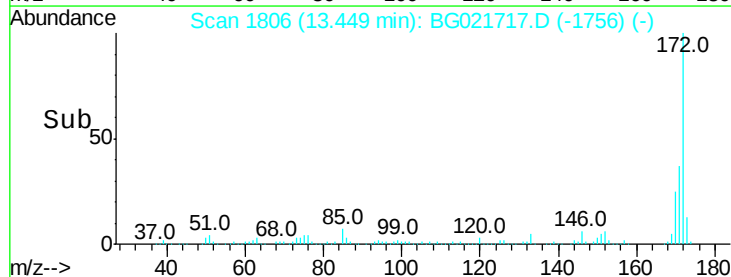
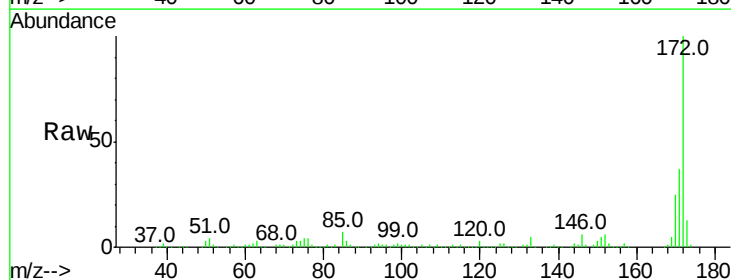
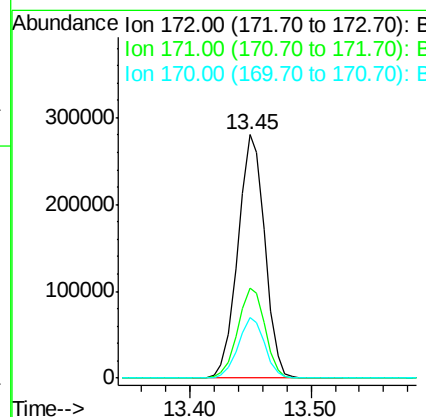
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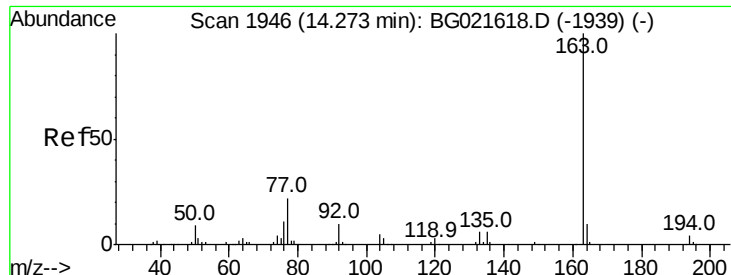
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#44
 2-Fluorobiphenyl
 Concen: 72.15 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021717.D
 Acq: 16 Apr 2016 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	434476		
171	37.0	27.8	41.6	
170	25.1	19.6	29.4	





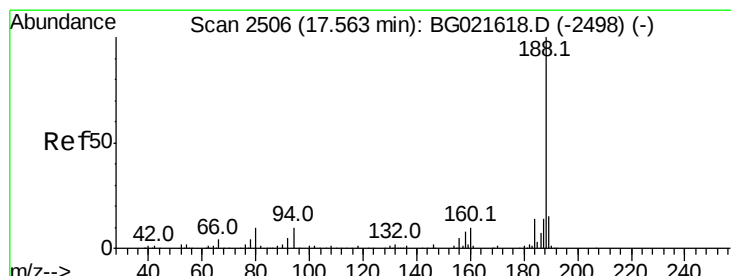
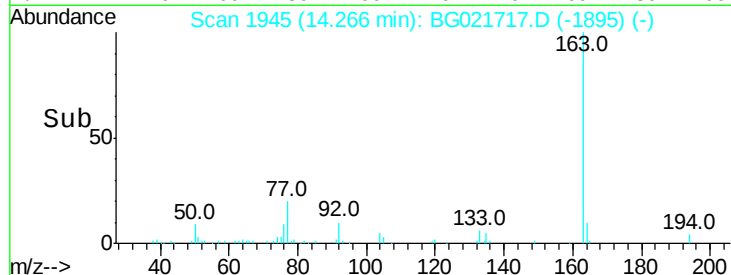
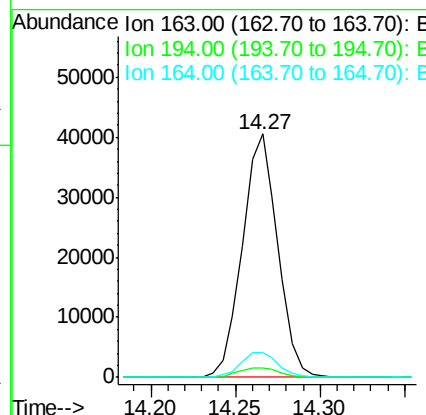
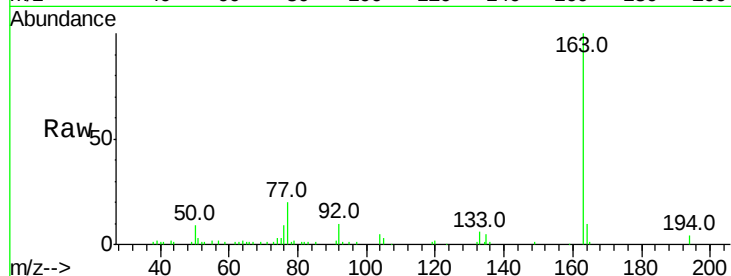
#49
Dimethylphthalate
Concen: 7.69 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG021717.D
Acq: 16 Apr 2016 14:40

Instrument :
BNA_G
ClientSampleId :
POSTEX-25-20160414

Tot Ion	Ratio	Resp	Lower	Upper
163	100	58648		
194	3.9		3.0	4.6
164	10.0		8.1	12.1

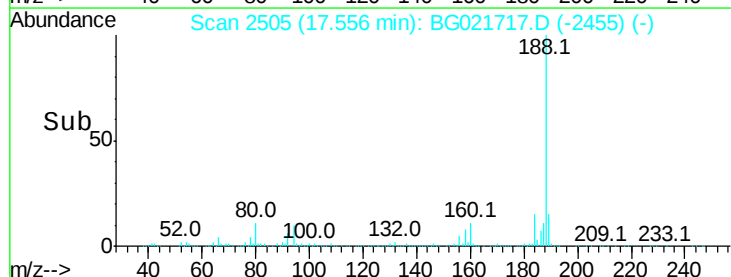
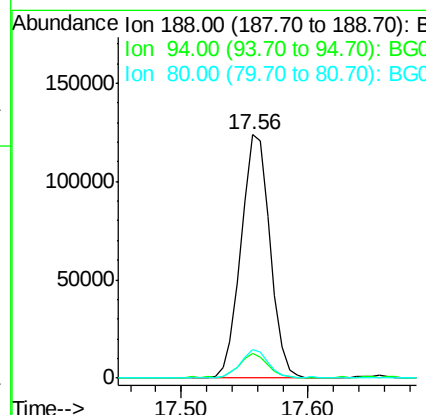
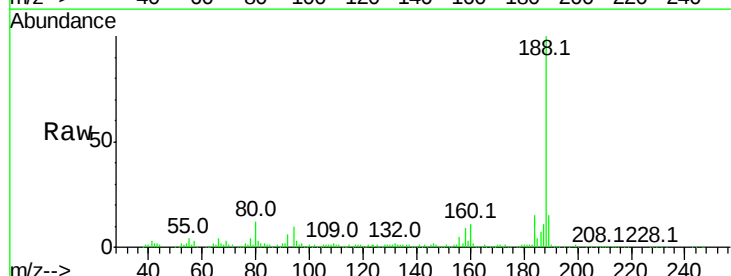
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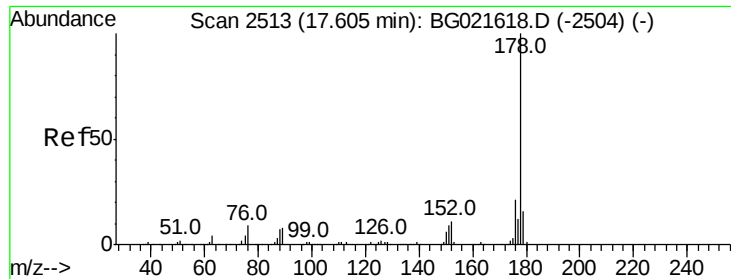
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021717.D
Acq: 16 Apr 2016 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	195575		
94	10.1		7.5	11.3
80	11.7		8.6	13.0





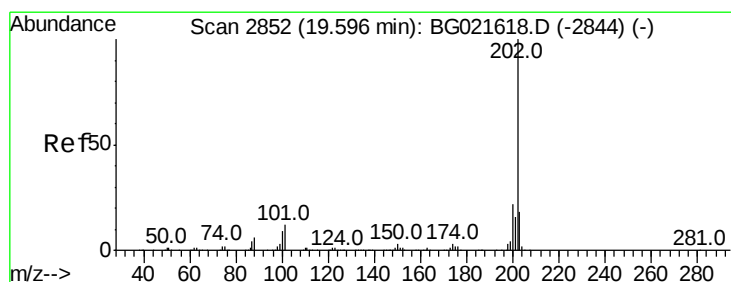
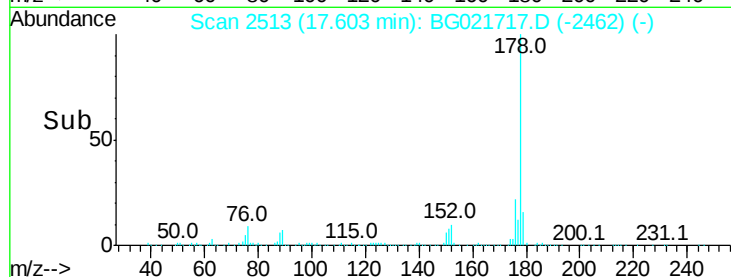
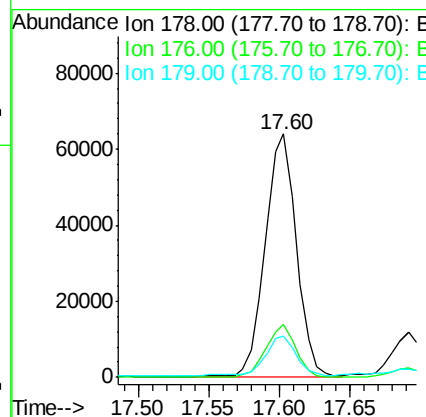
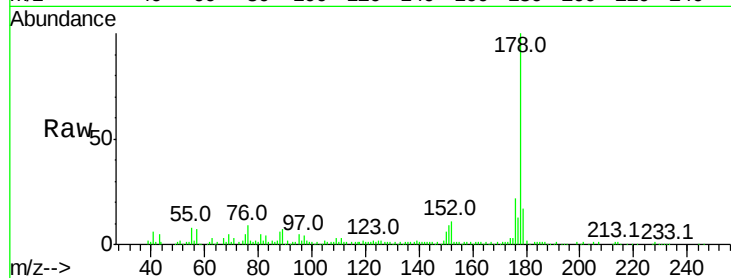
#70
Phenanthrene
Concen: 9.16 ng
RT: 17.60 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BG021717.D
Acq: 16 Apr 2016 14:40

Instrument :
BNA_G
ClientSampleId :
POSTEX-25-20160414

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.7	16.2	24.4
179	16.9	12.0	18.0

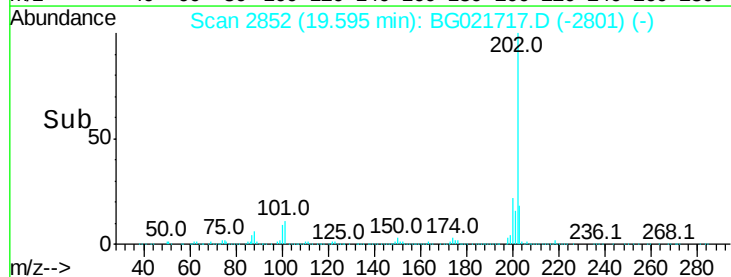
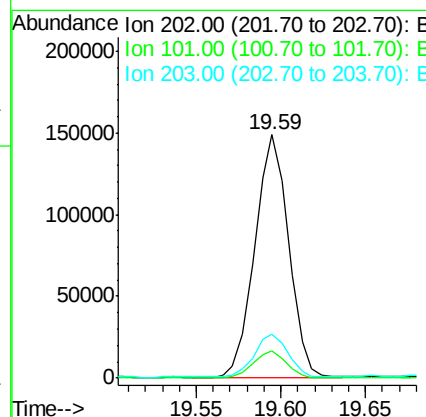
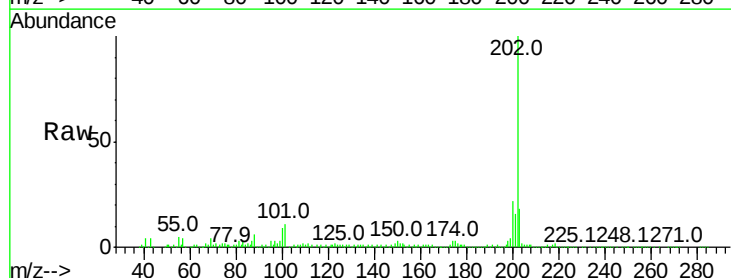
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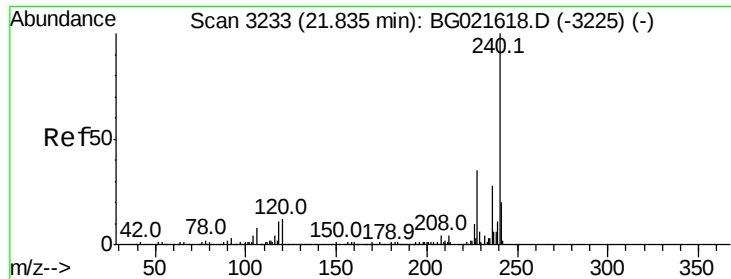
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#74
Fluoranthene
Concen: 16.08 ng
RT: 19.59 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BG021717.D
Acq: 16 Apr 2016 14:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.0
203	17.8	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3233

Delta R.T. -0.00 min

Lab File: BG021717.D

Acq: 16 Apr 2016 14:40

Instrument :

BNA_G

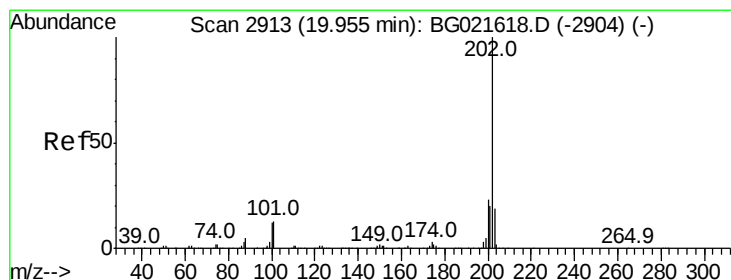
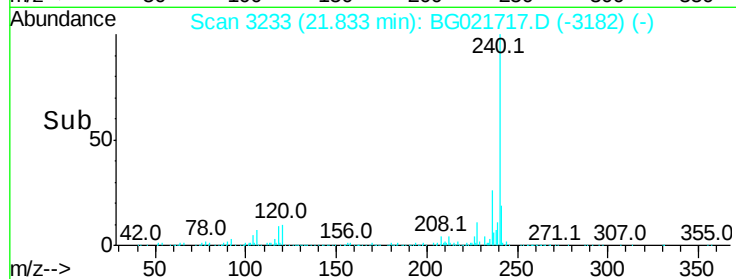
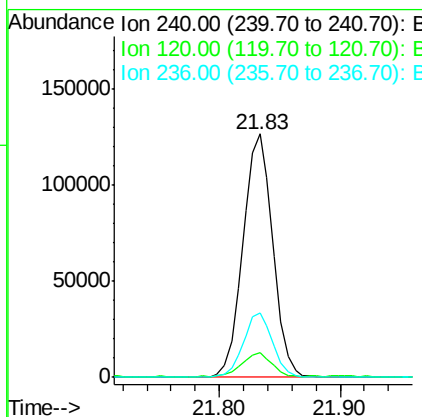
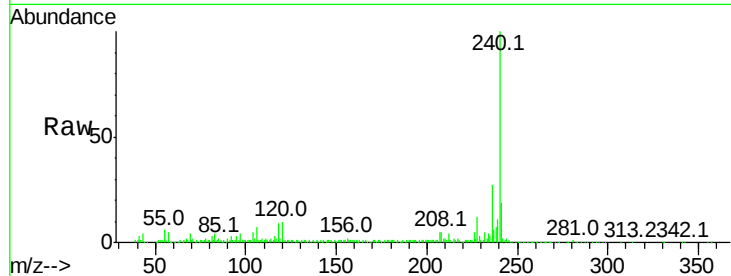
ClientSampleId :

POSTEX-25-20160414

Tot Ion:	240	Resp:	216376
Ion Ratio	Lower	Upper	
240	100		
120	10.1	8.4	12.6
236	26.6	19.6	29.4

Manual Integrations
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#77

Pyrene

Concen: 19.09 ng

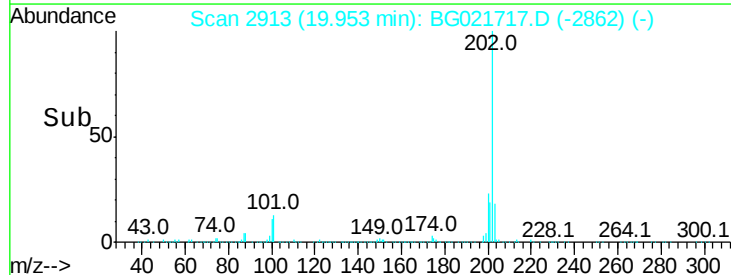
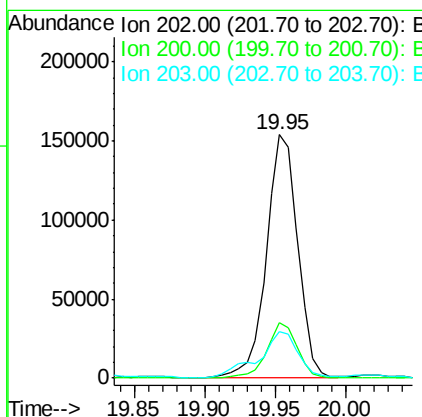
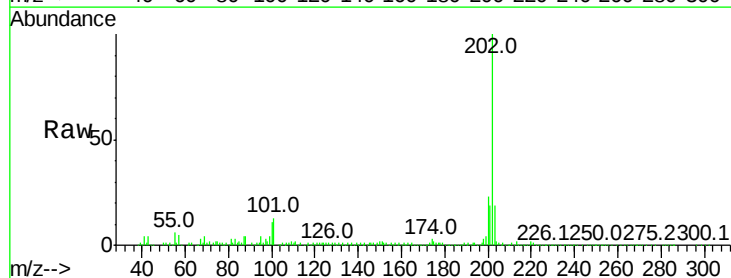
RT: 19.95 min Scan# 2913

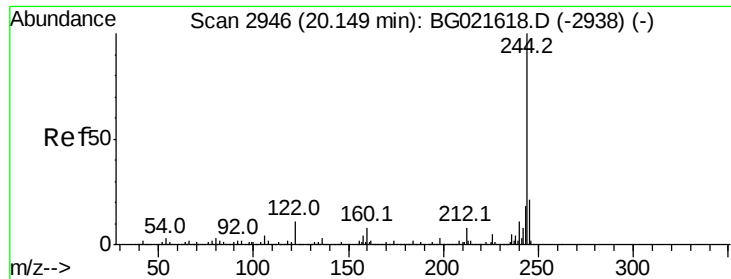
Delta R.T. -0.00 min

Lab File: BG021717.D

Acq: 16 Apr 2016 14:40

Tgt Ion:	202	Resp:	238207
Ion Ratio	Lower	Upper	
202	100		
200	22.6	18.2	27.2
203	18.9	15.0	22.4





#78

Terphenyl-d14

Concen: 65.23 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021717.D

Acq: 16 Apr 2016 14:40

Instrument :

BNA_G

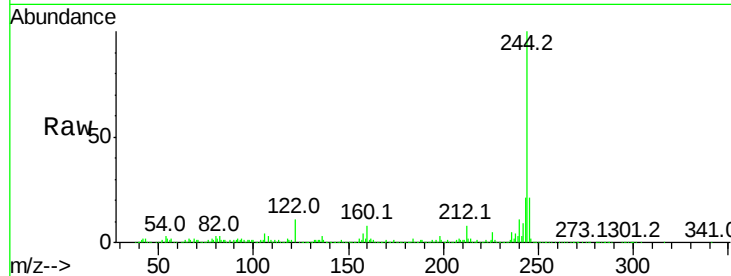
ClientSampleId :

POSTEX-25-20160414

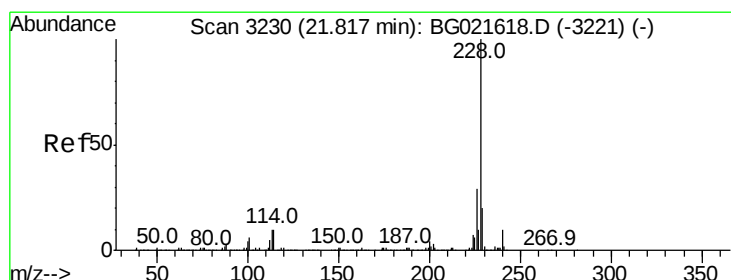
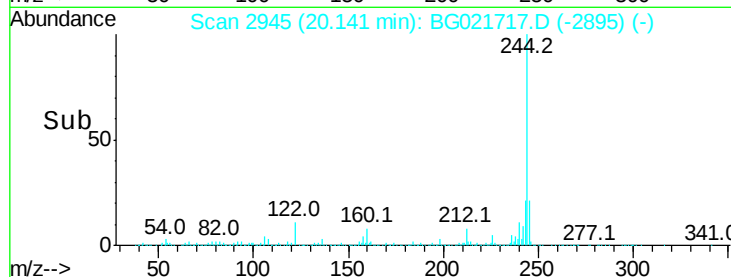
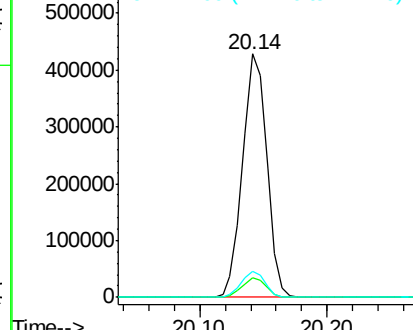
Tot Ion:	244	Resp:	565666
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.5	9.7
122	10.7	8.6	12.8

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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: 10.13 ng

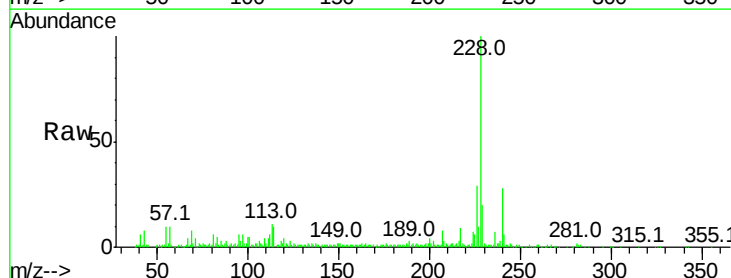
RT: 21.81 min Scan# 3229

Delta R.T. -0.01 min

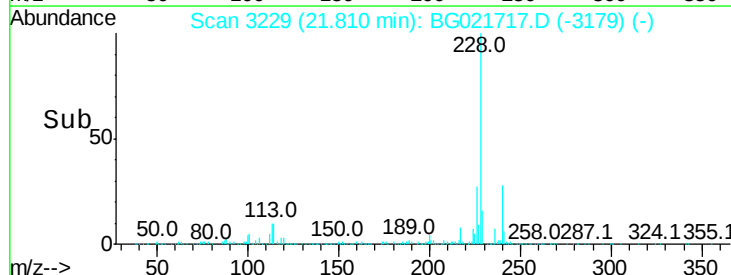
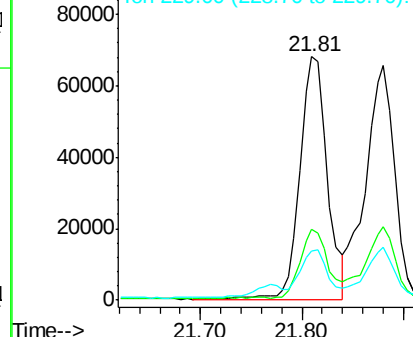
Lab File: BG021717.D

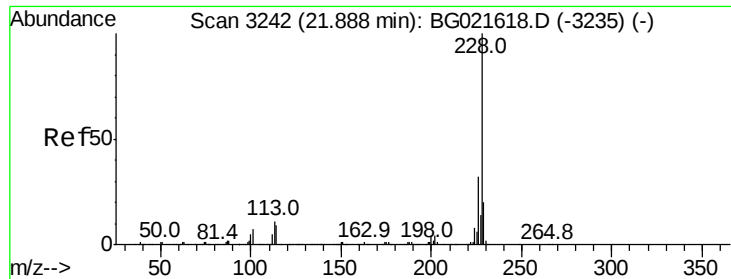
Acq: 16 Apr 2016 14:40

Tgt Ion:	228	Resp:	126122
Ion Ratio	Lower	Upper	
228	100		
226	29.1	22.6	34.0
229	20.4	16.1	24.1



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: 10.91 ng

RT: 21.88 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BG021717.D

Acq: 16 Apr 2016 14:40

Instrument :

BNA_G

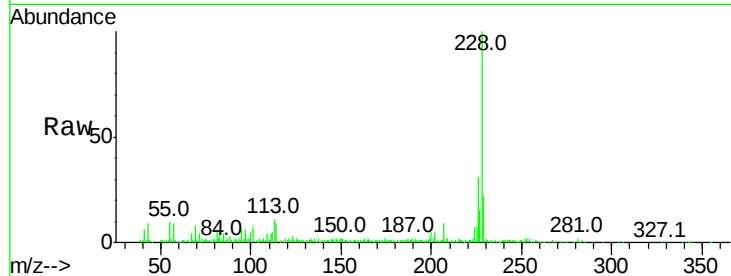
ClientSampleId :

POSTEX-25-20160414

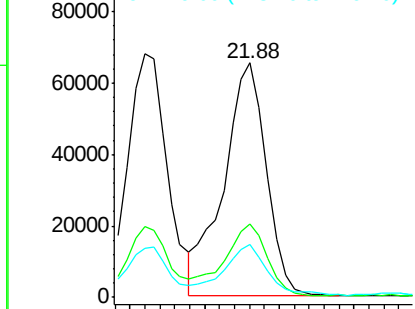
Tot Ion:	228	Resp:	130466
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.4	38.0
229	22.4	15.9	23.9

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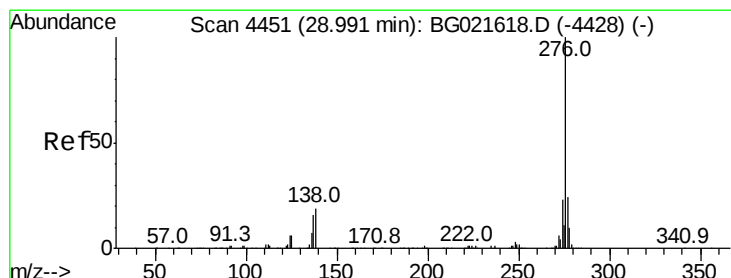
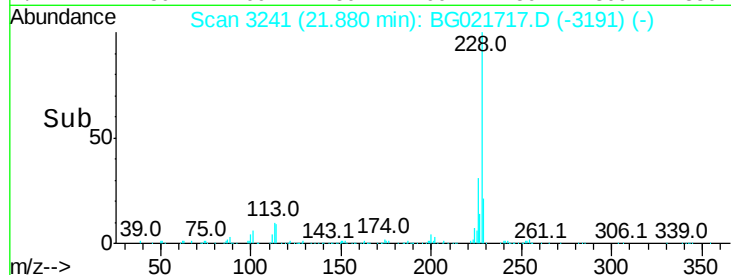
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time--> 21.80 21.85 21.90 21.95



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.06 ng

RT: 28.98 min Scan# 4450

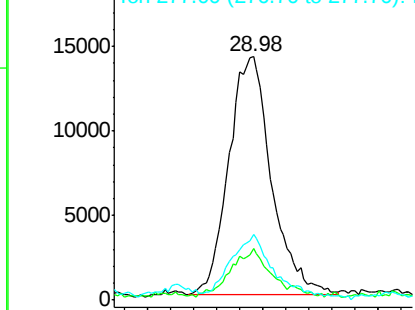
Delta R.T. -0.01 min

Lab File: BG021717.D

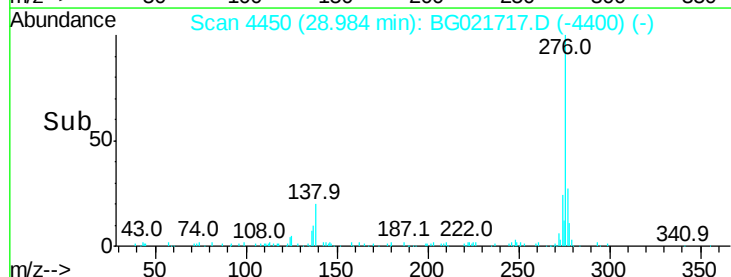
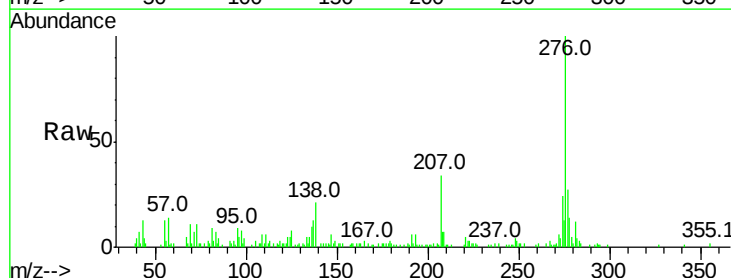
Acq: 16 Apr 2016 14:40

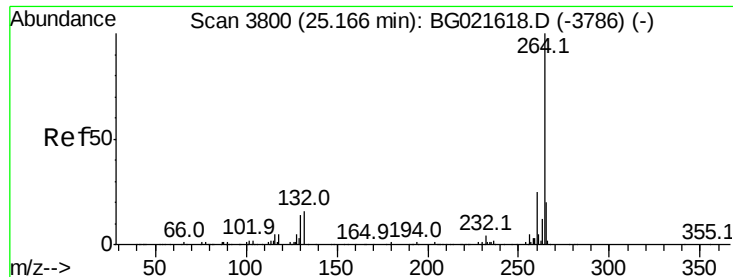
Tgt Ion:	276	Resp:	71954
Ion Ratio	Lower	Upper	
276	100		
138	17.8	14.0	21.0
277	24.9	20.6	30.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time--> 28.80 29.00 29.20





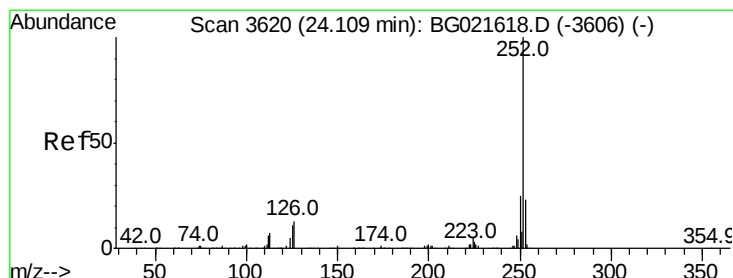
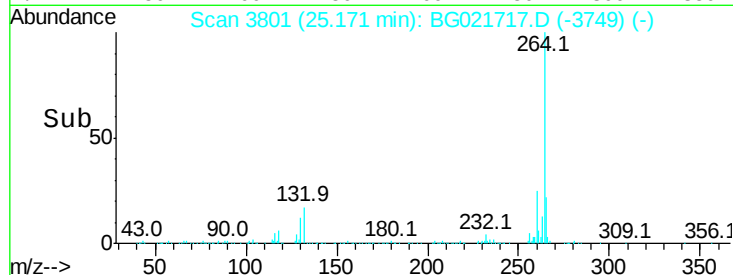
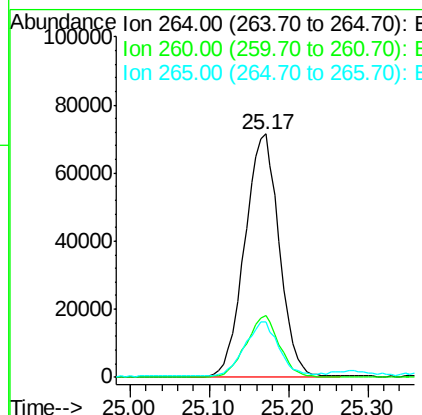
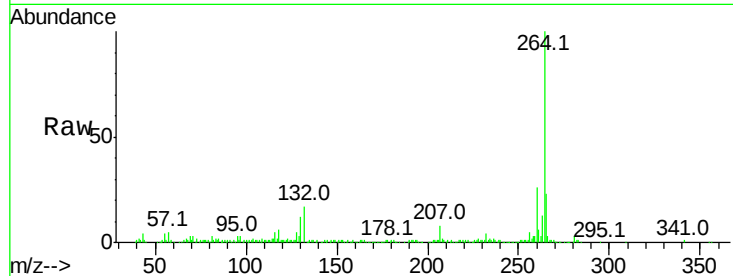
#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.17 min Scan# 3801
Delta R.T. 0.00 min
Lab File: BG021717.D
Acq: 16 Apr 2016 14:40

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	25.6	20.2	30.4	
265	22.5	17.8	26.8	

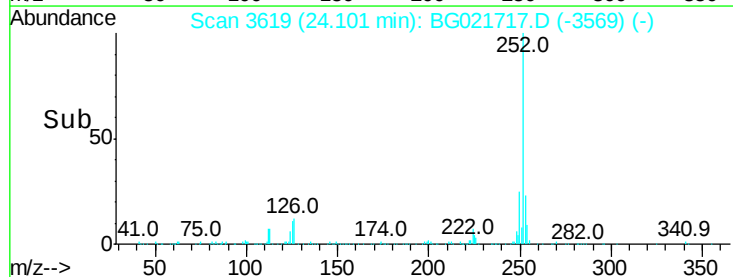
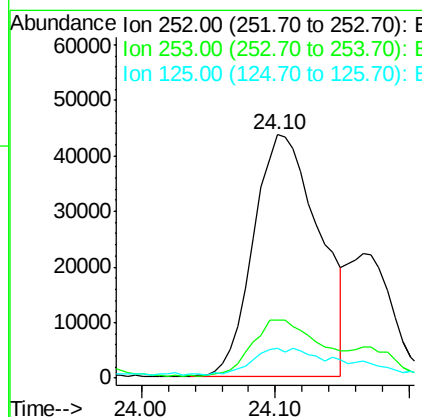
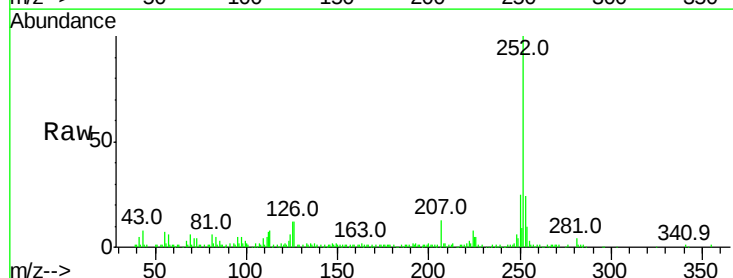
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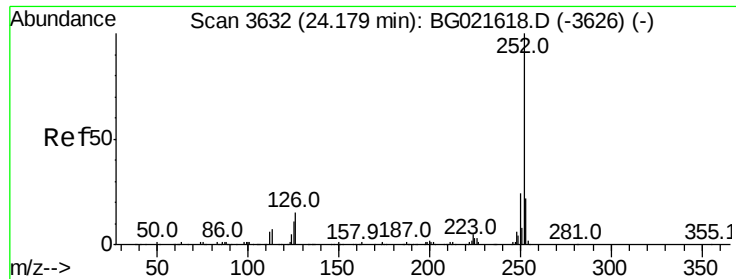
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#87
Benzo(b)fluoranthene
Concen: 11.85 ng
RT: 24.10 min Scan# 3619
Delta R.T. -0.01 min
Lab File: BG021717.D
Acq: 16 Apr 2016 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	24.0	17.5	26.3	
125	12.4	8.6	13.0	





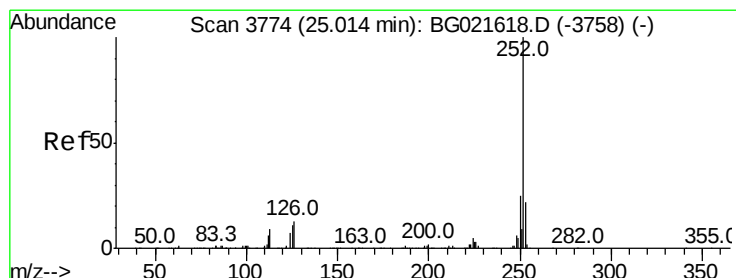
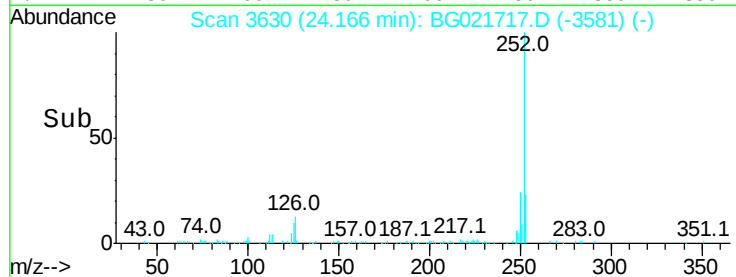
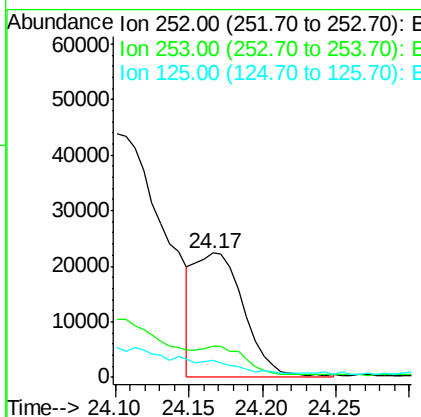
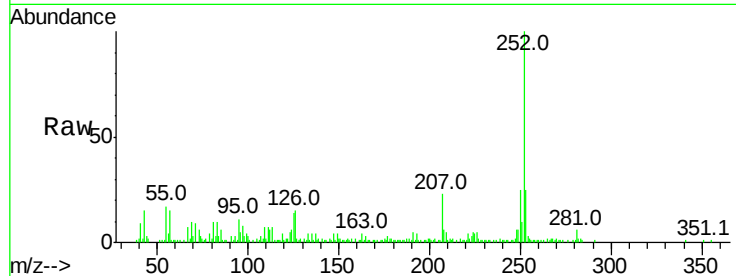
#88
Benzo(k)fluoranthene
Concen: 4.29 ng/ml
RT: 24.17 min Scan# 3630
Delta R.T. -0.01 min
Lab File: BG021717.D
Acq: 16 Apr 2016 14:40

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.8
125	13.8	8.3	12.5

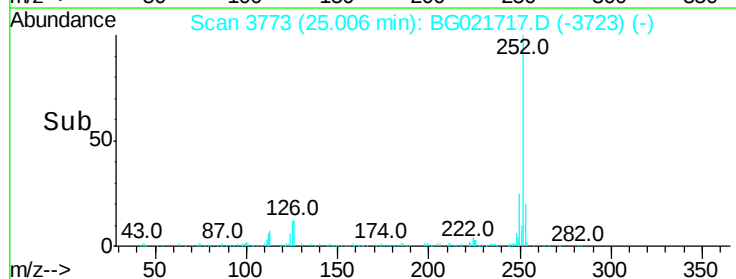
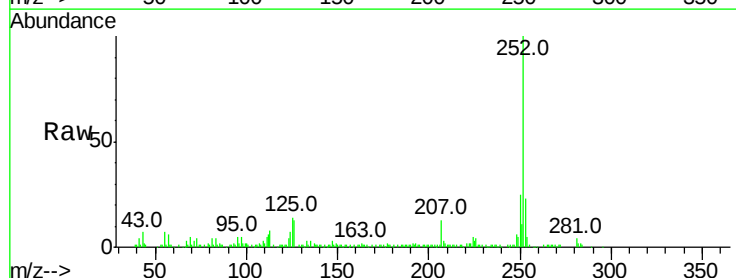
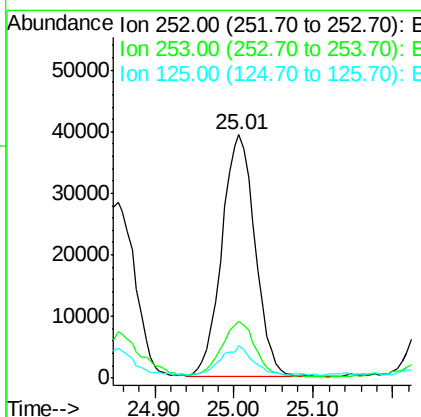
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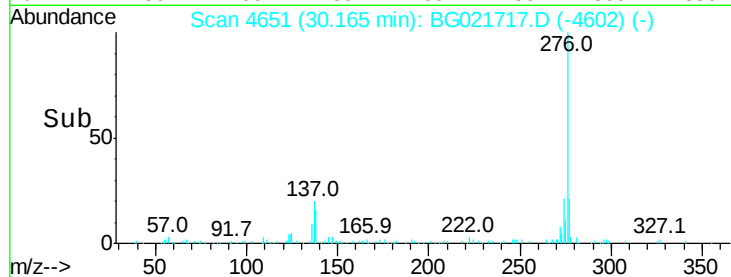
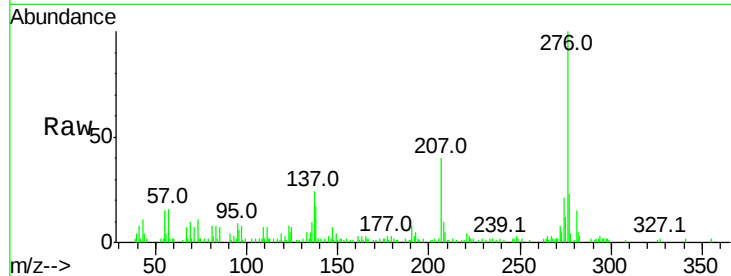
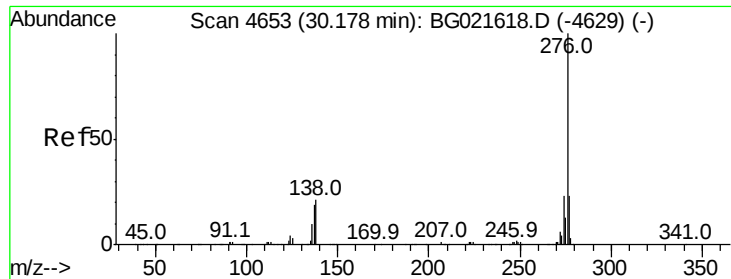
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#89
Benzo(a)pyrene
Concen: 9.33 ng/ml
RT: 25.01 min Scan# 3773
Delta R.T. -0.01 min
Lab File: BG021717.D
Acq: 16 Apr 2016 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	13.5	9.6	14.4





#91

Benzo(a,h,i)perylene

Concen: 6.59 ng m

RT: 30.16 min Scan# 4651

Delta R.T. -0.01 min

Lab File: BG021717.D

Acq: 16 Apr 2016 14:40

Tot Ion:	276	Resp:	78887
Ion Ratio	Lower	Upper	
276	100		
277	22.7	19.4	29.2
138	17.4	17.4	26.0

Instrument :

BNA_G

ClientSampleId :

POSTEX-25-20160414

Manual Integrations
APPROVED

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