

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
 Data File : BG021718.D
 Acq On : 16 Apr 2016 15:19
 Operator : UM/SJ
 Sample : H2560-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 POSTEX-26-20160414

Manual Integrations
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Quant Time: Apr 18 11:36:36 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	28715	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	128480	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	82375	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	190953	20.00	ng	0.00
75) Chrysene-d12	21.83	240	203151	20.00	ng	0.00
86) Perylene-d12	25.16	264	206246	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	204251	118.45	ng	0.00
7) Phenol-d6	7.37	99	300074	116.50	ng	0.02
23) Nitrobenzene-d5	9.38	82	189083	75.64	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	112996	127.28	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	405720	72.16	ng	0.00
78) Terphenyl-d14	20.14	244	561656	68.99	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.26	163	54037	7.59	ng	100
70) Phenanthrene	17.60	178	40743	3.87	ng	99
74) Fluoranthene	19.59	202	89388	7.11	ng	98
77) Pyrene	19.95	202	84196	7.19	ng	99
80) Benzo(a)anthracene	21.81	228	44899m	3.84	ng	
82) Chrysene	21.88	228	51394	4.58	ng	96
83) Bis(2-ethylhexyl)phthalate	21.70	149	22426	2.82	ng	96
85) Indeno(1,2,3-cd)pyrene	28.98	276	34449	2.58	ng	# 62
87) Benzo(b)fluoranthene	24.11	252	64113	5.36	ng	# 95
88) Benzo(k)fluoranthene	24.17	252	25968m	2.22	ng	
89) Benzo(a)pyrene	25.01	252	46120	3.98	ng	96
91) Benzo(a,h,i)perylene	30.16	276	34853m	3.06	ng	

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

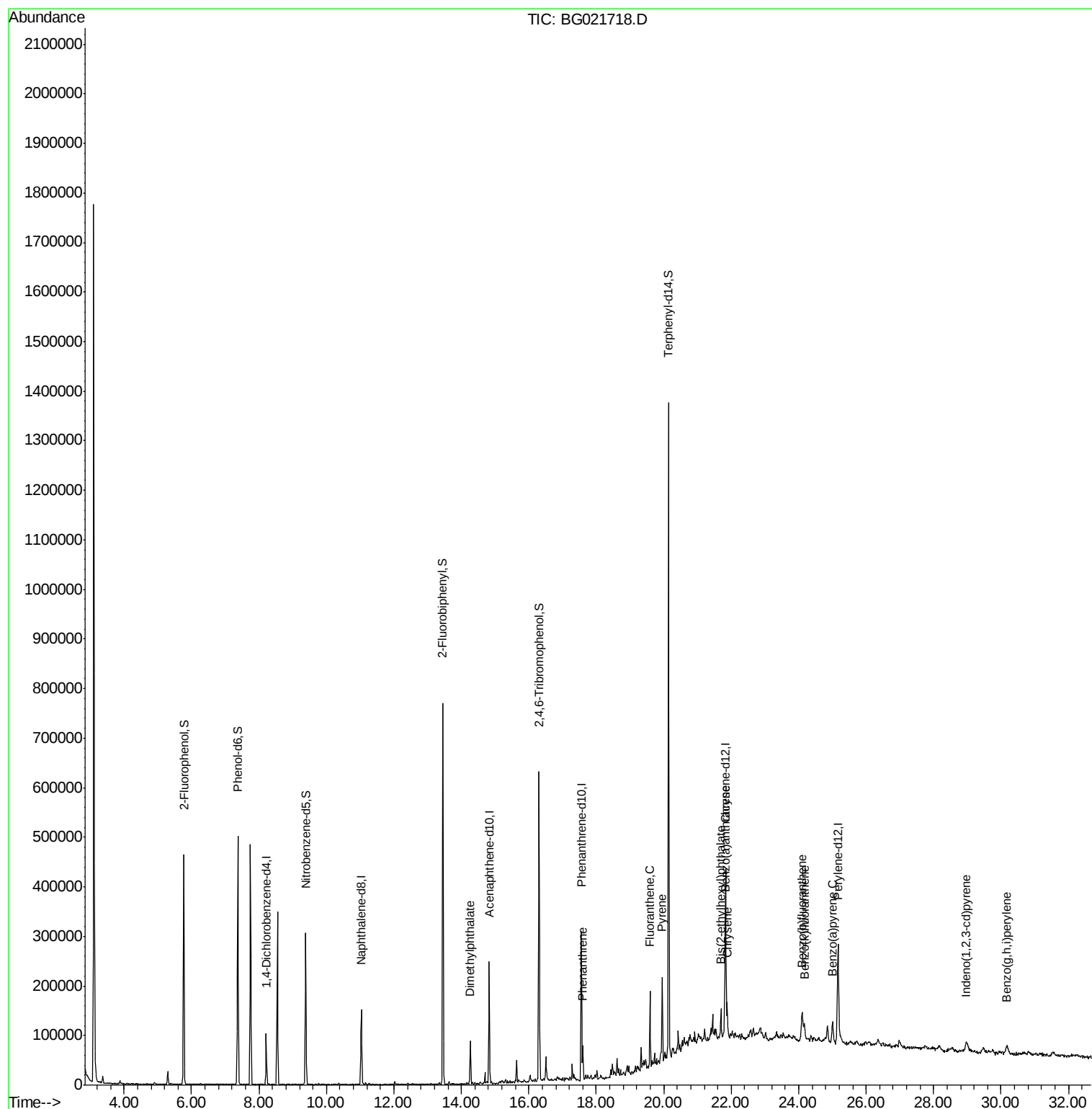
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021718.D
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Operator : UM/SJ
Sample : H2560-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

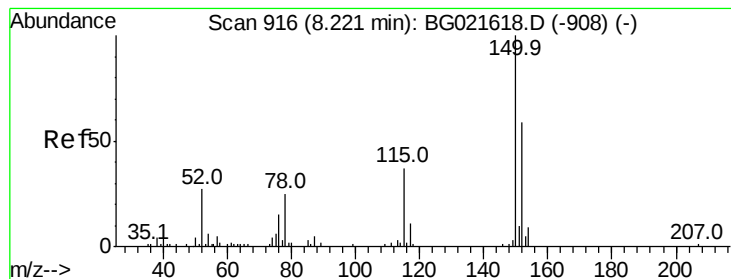
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Quant Time: Apr 18 11:36:36 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
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QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

Instrument :

BNA_G

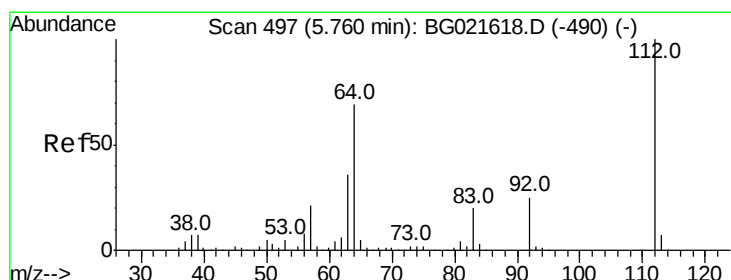
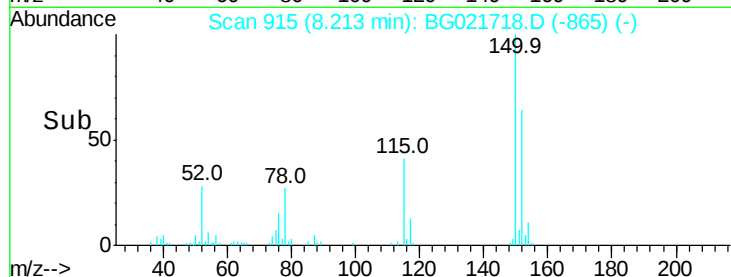
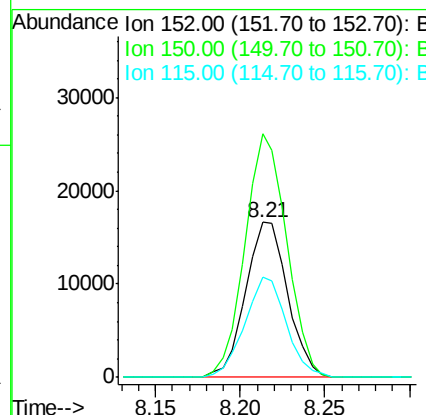
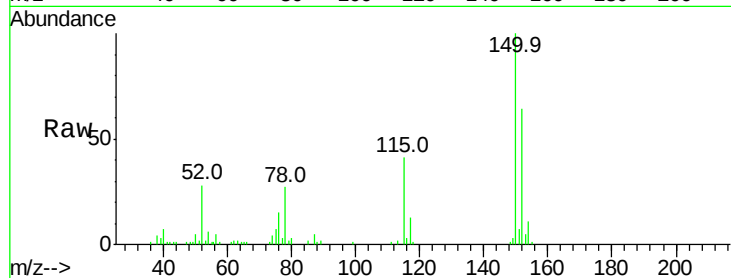
ClientSampleId :

POSTEX-26-20160414

Tot Ion:	152	Resp:	28715
Ion Ratio	Lower	Upper	
152	100		
150	156.9	130.1	195.1
115	64.6	62.2	93.2

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#5

2-Fluorophenol

Concen: 118.45 ng

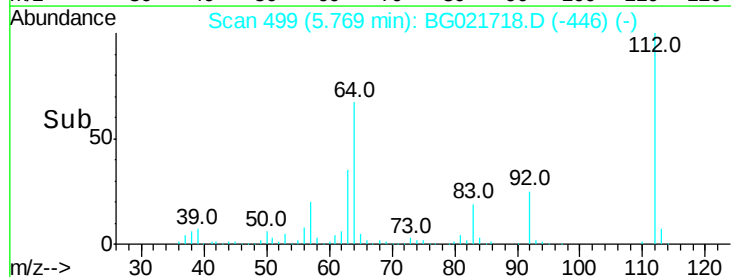
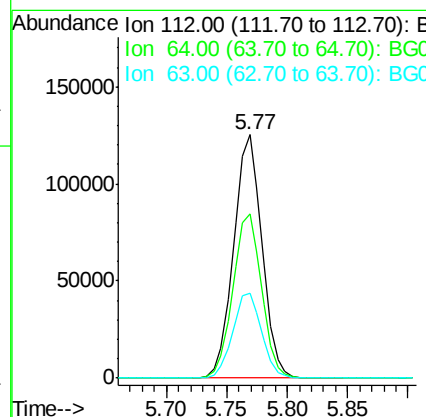
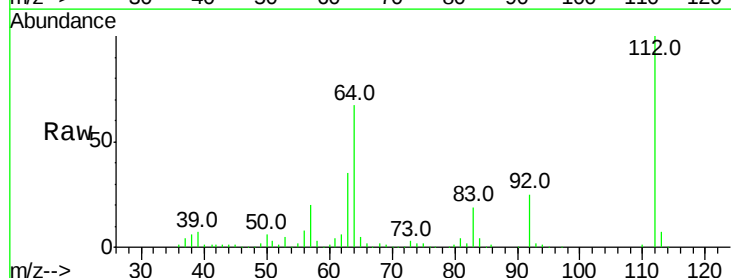
RT: 5.77 min Scan# 499

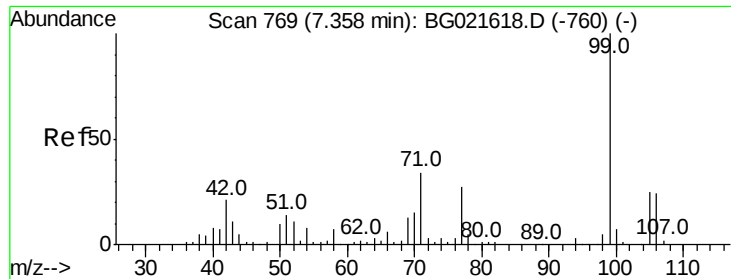
Delta R.T. 0.01 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

Tgt Ion:	112	Resp:	204251
Ion Ratio	Lower	Upper	
112	100		
64	67.2	51.1	76.7
63	35.0	24.6	37.0





#7

Phenol-d6

Concen: 116.50 ng

RT: 7.37 min Scan# 772

Delta R.T. 0.02 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

Instrument :

BNA_G

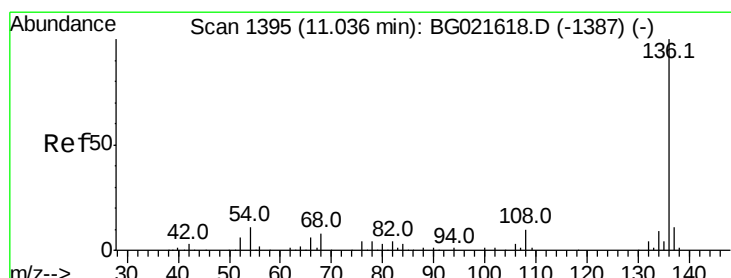
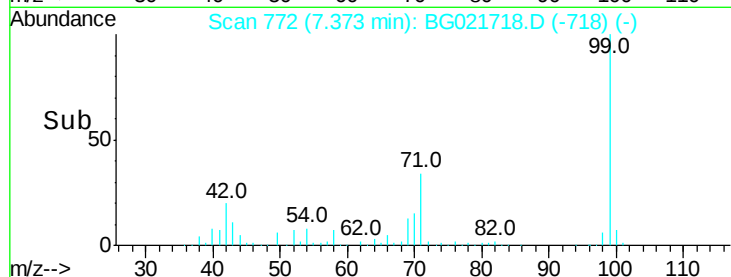
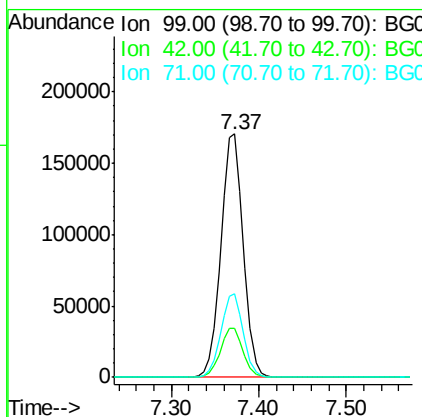
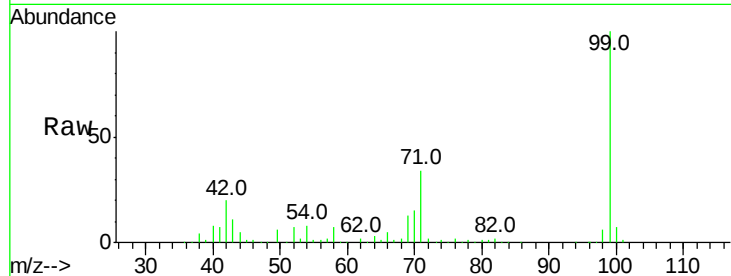
ClientSampleId :

POSTEX-26-20160414

Tot Ion:	99	Resp:	300074
Ion Ratio	Lower	Upper	
99	100		
42	20.3	16.4	24.6
71	34.4	25.0	37.4

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#21

Naphthalene-d8

Concen: 20.00 ng

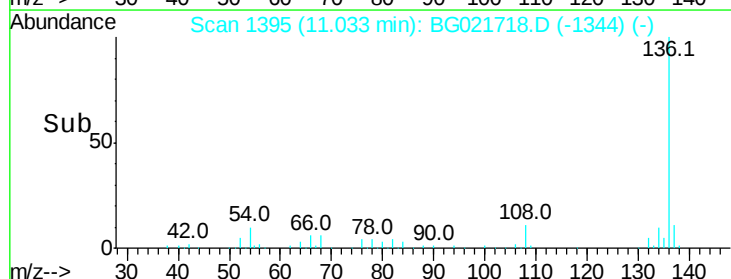
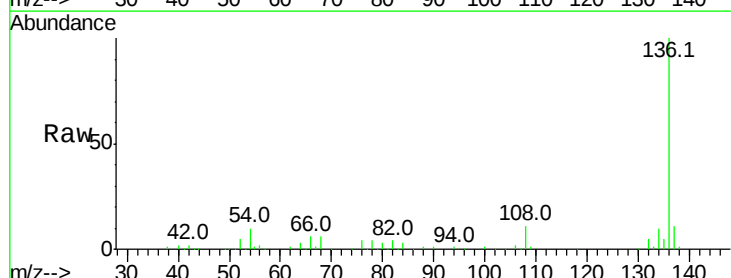
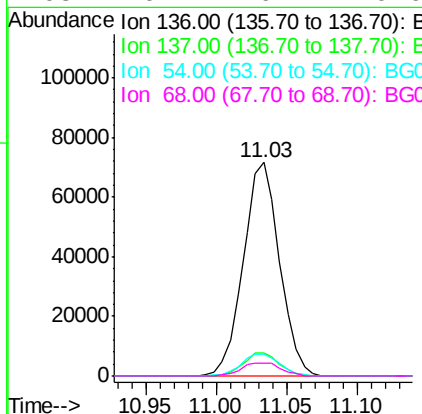
RT: 11.03 min Scan# 1395

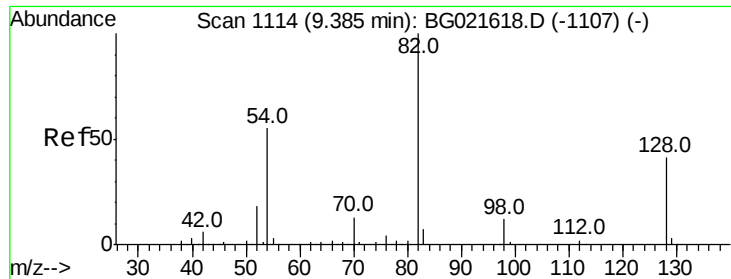
Delta R.T. -0.00 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

Tgt Ion:	136	Resp:	128480
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.4
54	10.5	9.6	14.4
68	6.1	6.4	9.6#





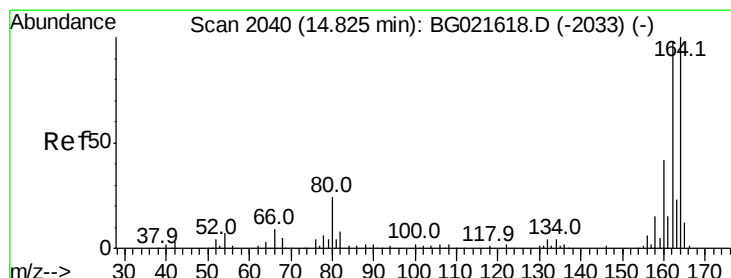
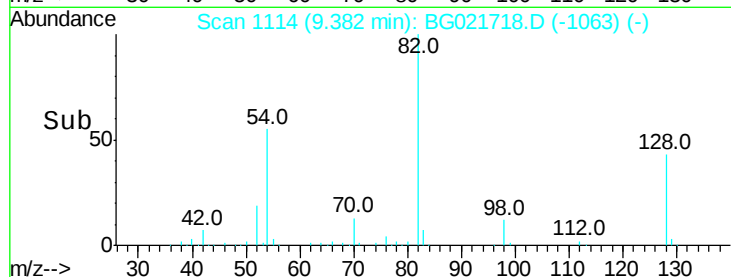
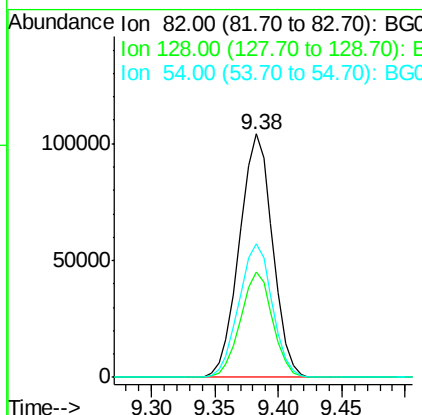
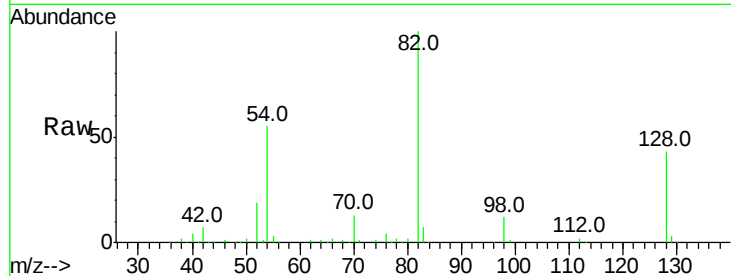
#23
 Nitrobenzene-d5
 Concen: 75.64 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021718.D
 Acq: 16 Apr 2016 15:19

Instrument :
 BNA_G
 ClientSampleId :
 POSTEX-26-20160414

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.5	33.4	50.0	
54	55.1	46.1	69.1	

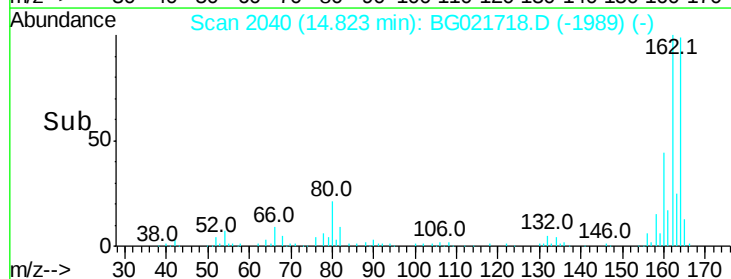
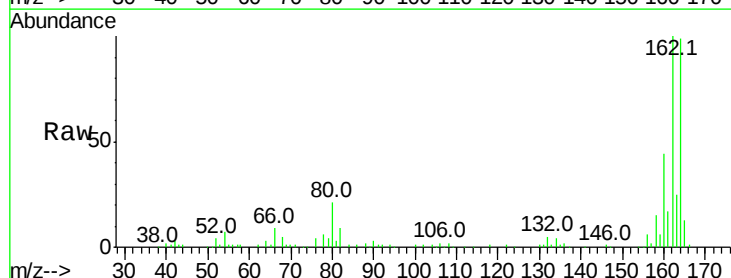
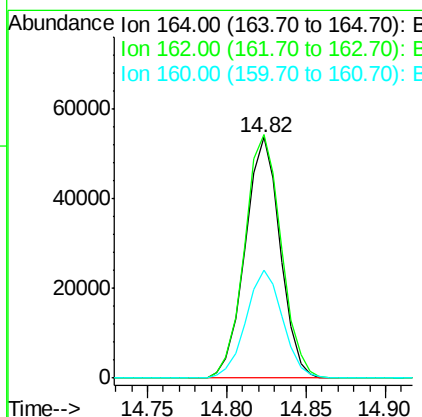
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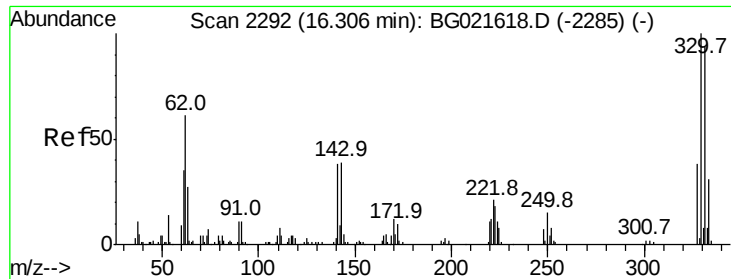
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021718.D
 Acq: 16 Apr 2016 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	78.0	117.0	
160	44.8	32.9	49.3	





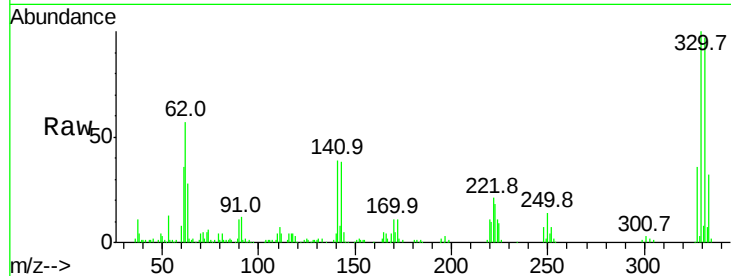
#41
 2,4,6-Tribromophenol
 Concen: 127.28 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021718.D
 Acq: 16 Apr 2016 15:19

Instrument :
 BNA_G
 ClientSampleId :
 POSTEX-26-20160414

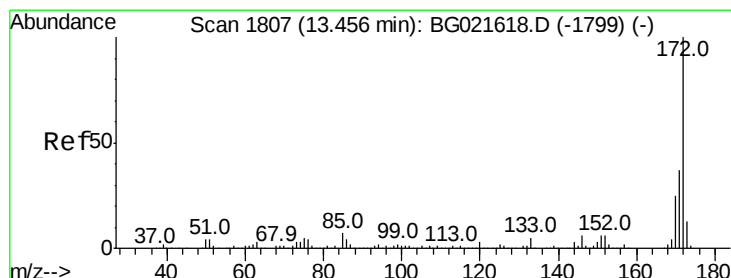
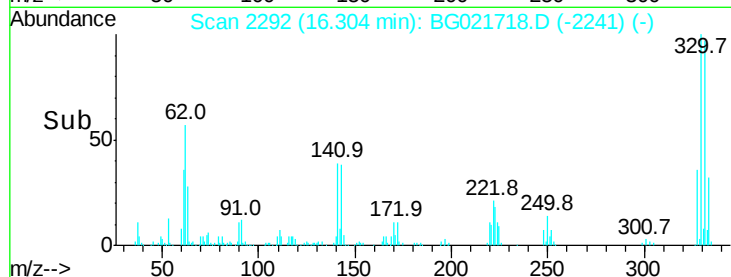
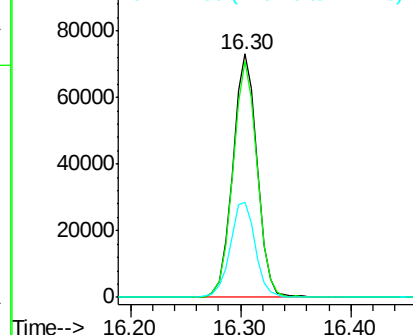
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	78.0	117.0	
141	40.7	33.8	50.8	

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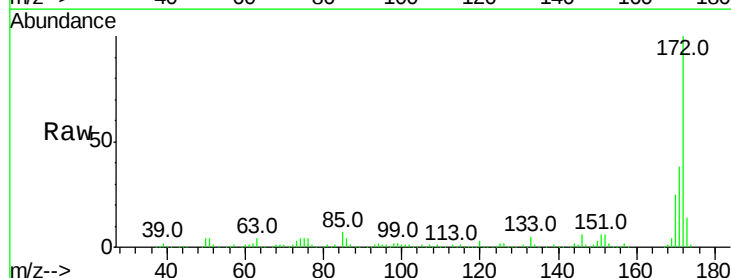


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

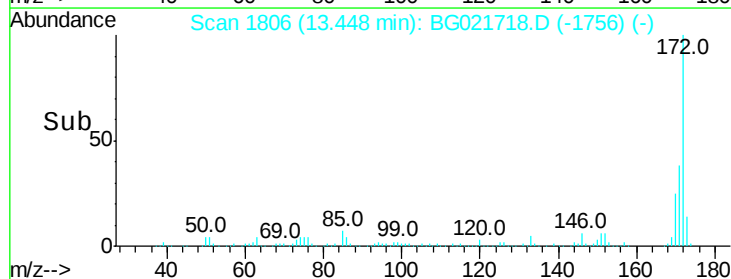
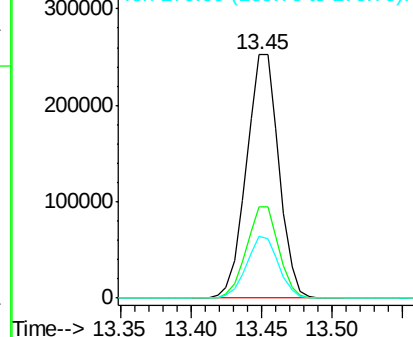


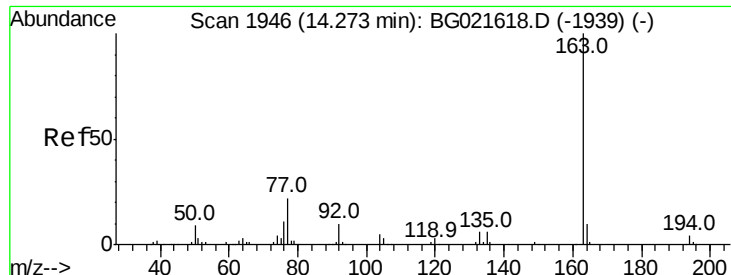
#44
 2-Fluorobiphenyl
 Concen: 72.16 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021718.D
 Acq: 16 Apr 2016 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.6	27.8	41.6	
170	25.3	19.6	29.4	



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: 7.59 ng

RT: 14.26 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

Instrument :

BNA_G

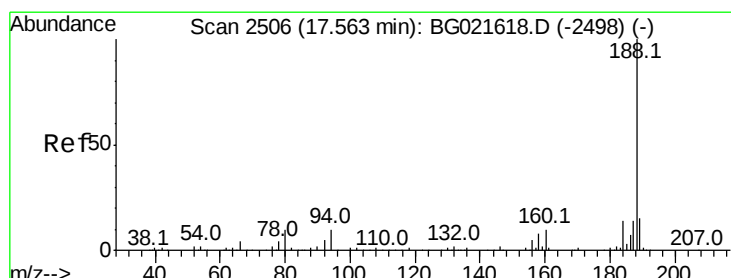
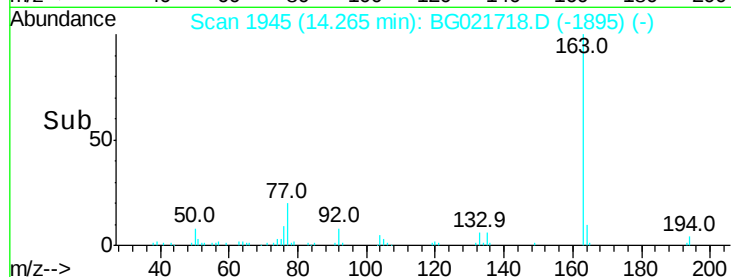
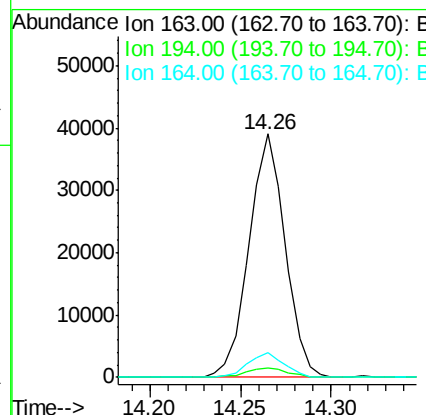
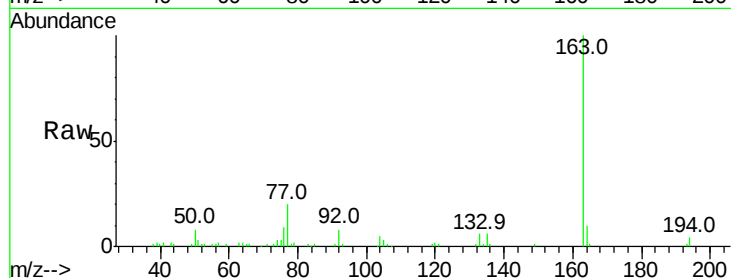
ClientSampleId :

POSTEX-26-20160414

Tot Ion:	163	Resp:	54037
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.6
164	10.0	8.1	12.1

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#63

Phenanthrene-d10

Concen: 20.00 ng

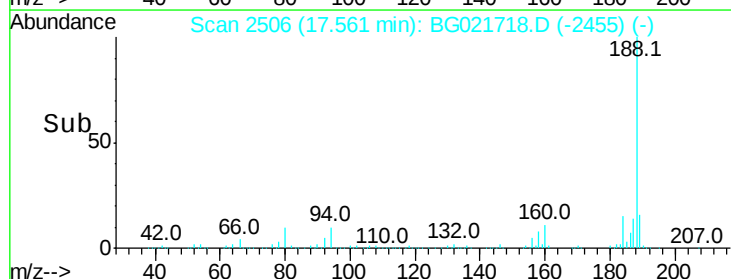
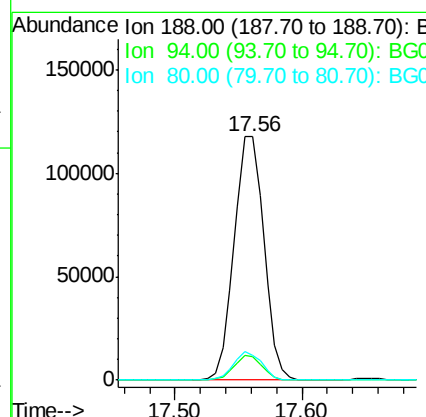
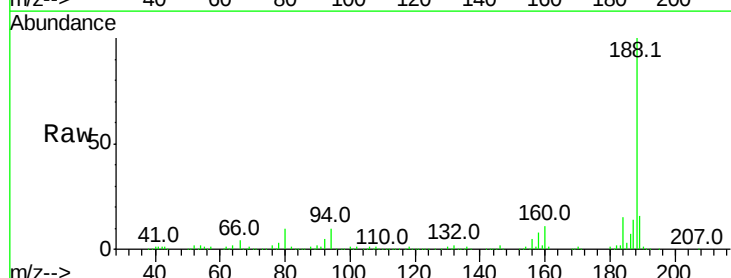
RT: 17.56 min Scan# 2506

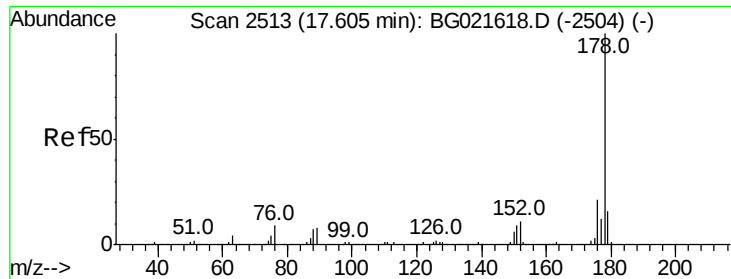
Delta R.T. -0.00 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

Tgt Ion:	188	Resp:	190953
Ion Ratio	Lower	Upper	
188	100		
94	9.8	7.5	11.3
80	10.4	8.6	13.0





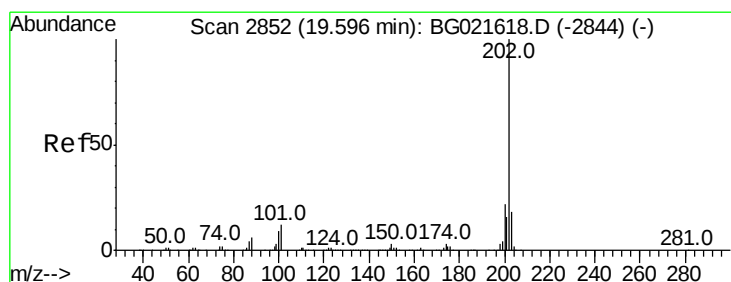
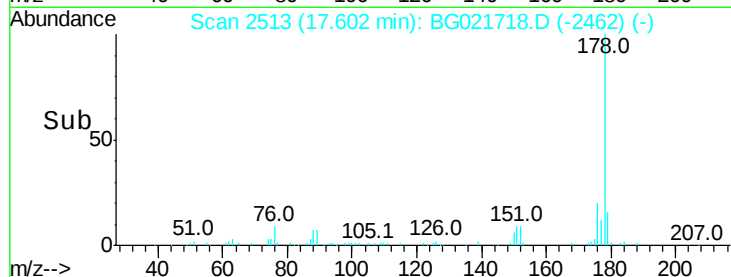
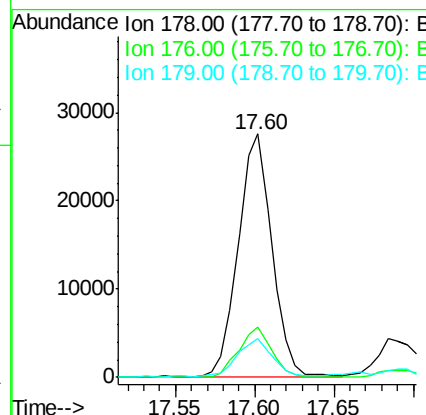
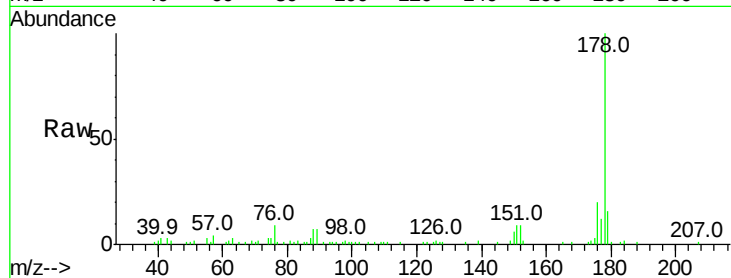
#70
Phenanthrene
Concen: 3.87 ng
RT: 17.60 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BG021718.D
Acq: 16 Apr 2016 15:19

Instrument :
BNA_G
ClientSampleId :
POSTEX-26-20160414

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.8	12.0	18.0

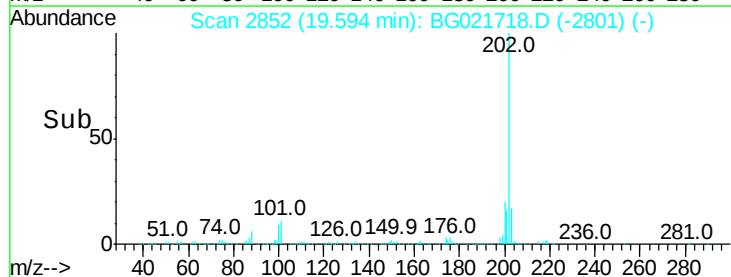
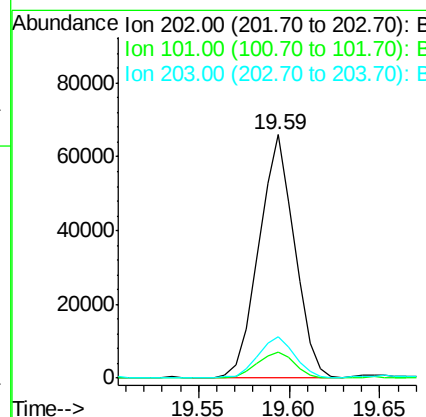
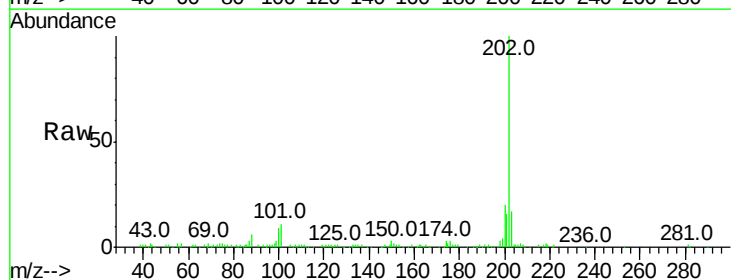
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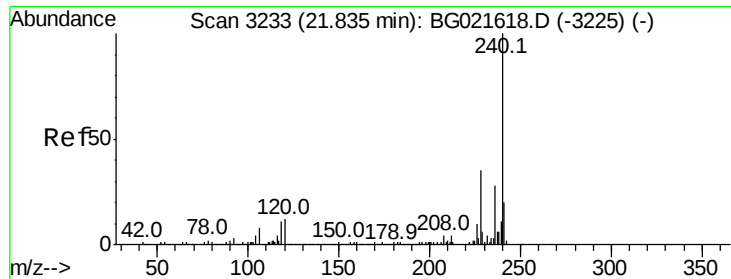
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#74
Fluoranthene
Concen: 7.11 ng
RT: 19.59 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BG021718.D
Acq: 16 Apr 2016 15:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.0
203	16.8	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: BG021718.D

Acq: 16 Apr 2016 15:19

Instrument :

BNA_G

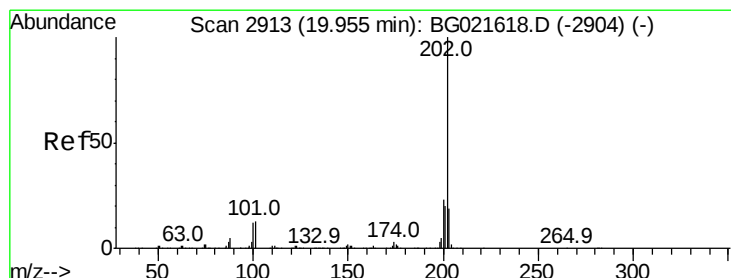
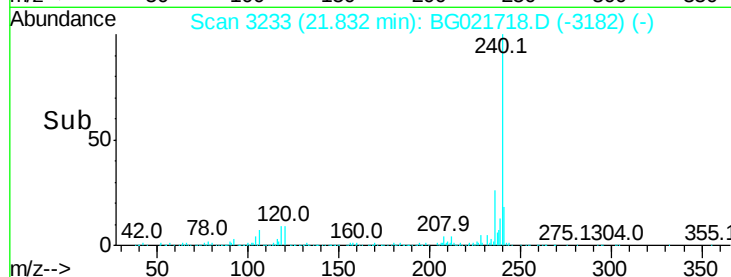
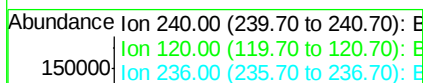
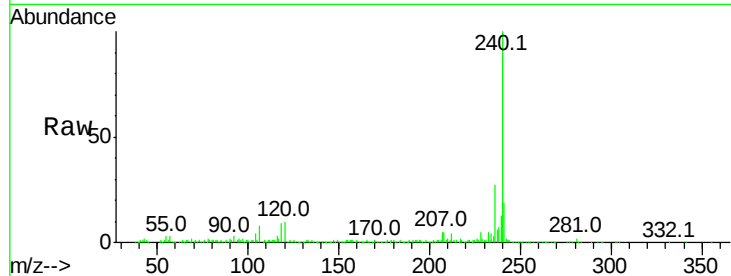
ClientSampleId :

POSTEX-26-20160414

Tot Ion:	240	Resp:	203151
Ion Ratio	Lower	Upper	
240	100		
120	9.6	8.4	12.6
236	26.6	19.6	29.4

Manual Integrations
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#77

Pyrene

Concen: 7.19 ng

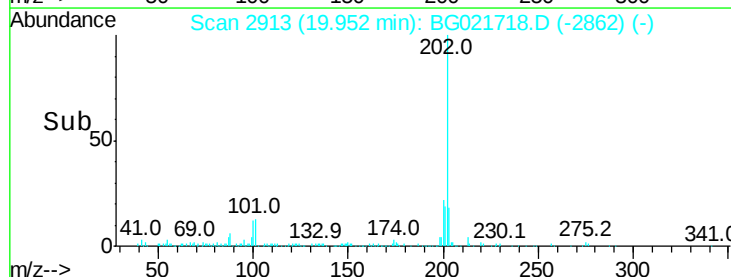
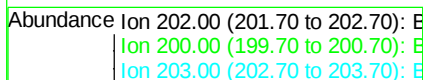
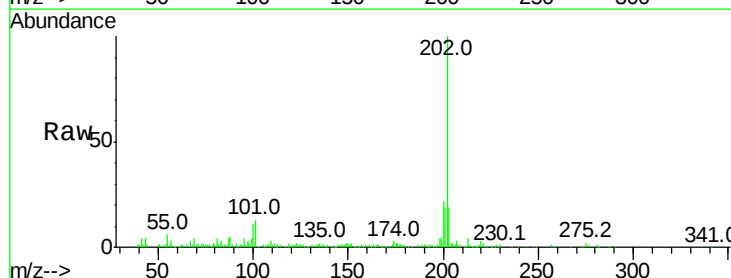
RT: 19.95 min Scan# 2913

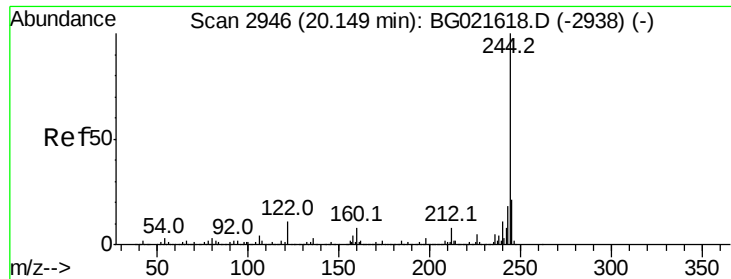
Delta R.T. -0.00 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

Tgt Ion:	202	Resp:	84196
Ion Ratio	Lower	Upper	
202	100		
200	22.2	18.2	27.2
203	19.1	15.0	22.4





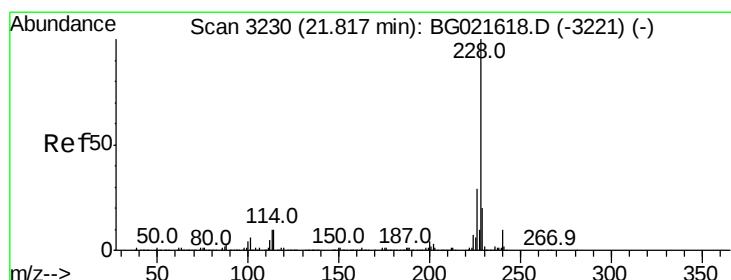
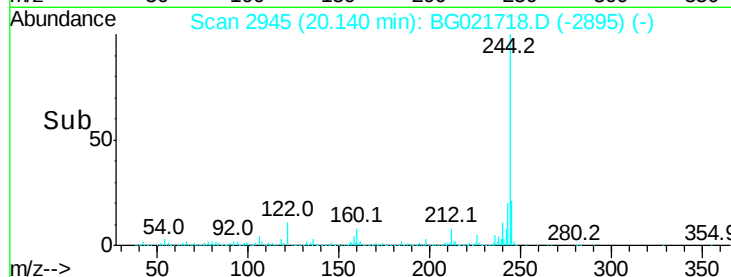
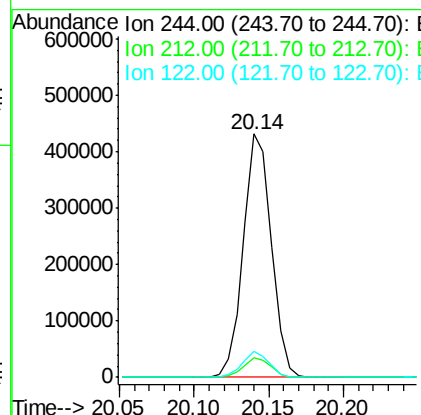
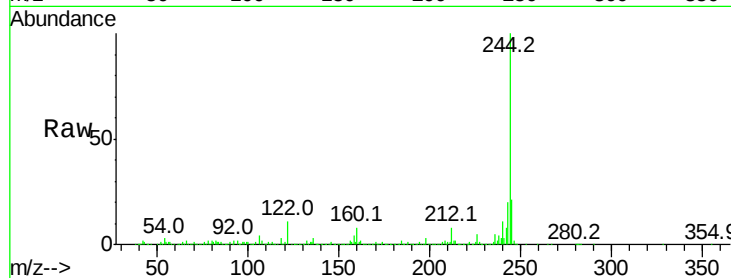
#78
 Terphenyl-d14
 Concen: 68.99 ng
 RT: 20.14 min Scan# 2945
 Delta R.T. -0.01 min
 Lab File: BG021718.D
 Acq: 16 Apr 2016 15:19

Instrument :
 BNA_G
 ClientSampleId :
 POSTEX-26-20160414

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

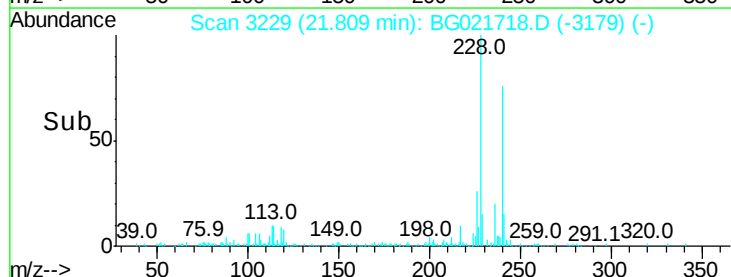
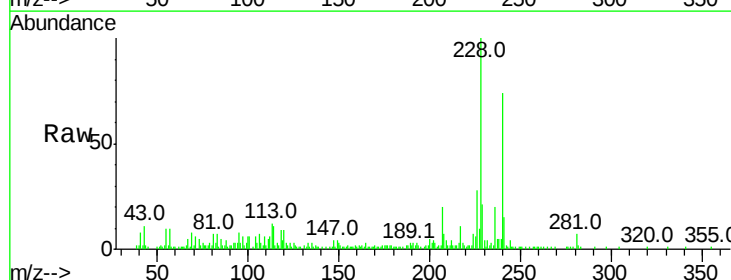
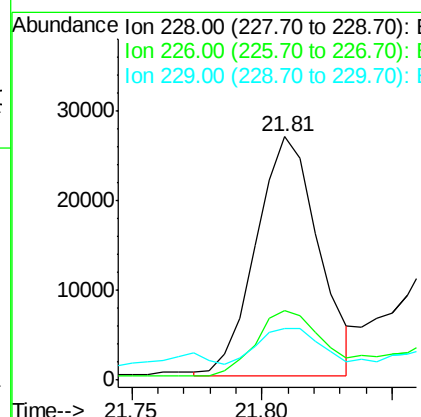
Manual Integrations
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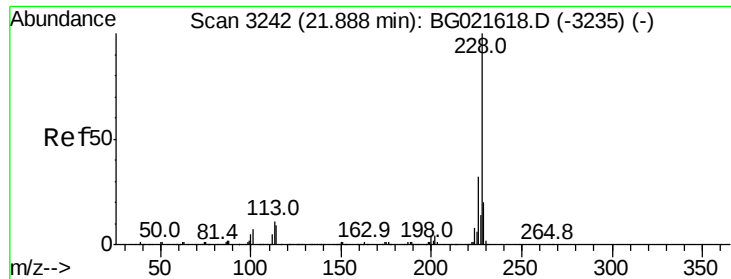
Sohil
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#80
 Benzo(a)anthracene
 Concen: 3.84 ng m
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.01 min
 Lab File: BG021718.D
 Acq: 16 Apr 2016 15:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.4	22.6	34.0
229	21.2	16.1	24.1





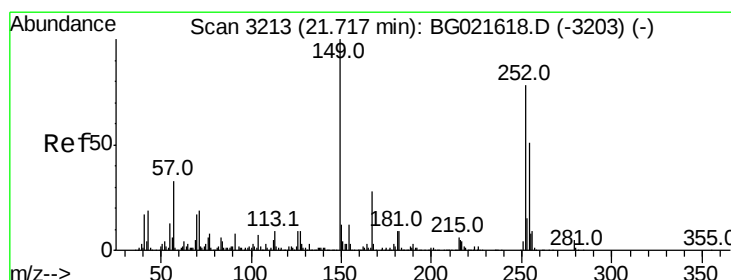
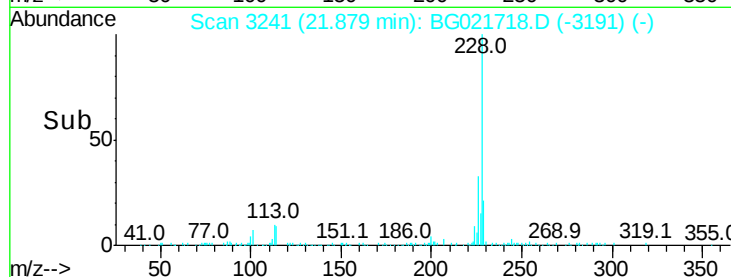
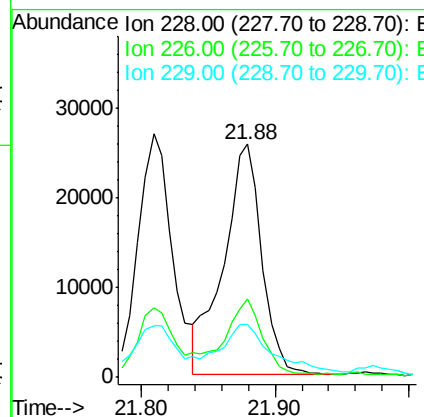
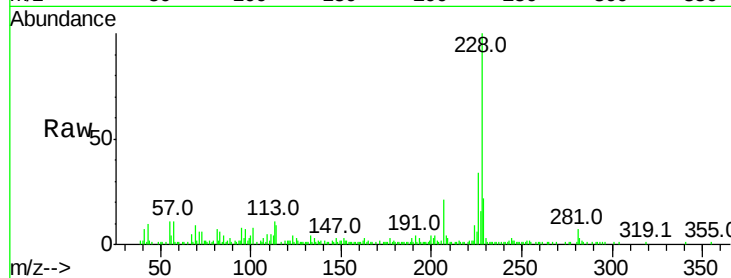
#82
Chrysene
Concen: 4.58 ng
RT: 21.88 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BG021718.D
Acq: 16 Apr 2016 15:19

Instrument :
BNA_G
ClientSampleId :
POSTEX-26-20160414

Tot Ion:	228	Resp:	51394
Ion Ratio	Lower	Upper	
228	100		
226	33.6	25.4	38.0
229	22.5	15.9	23.9

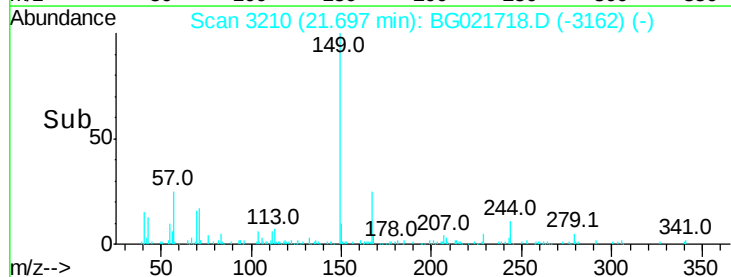
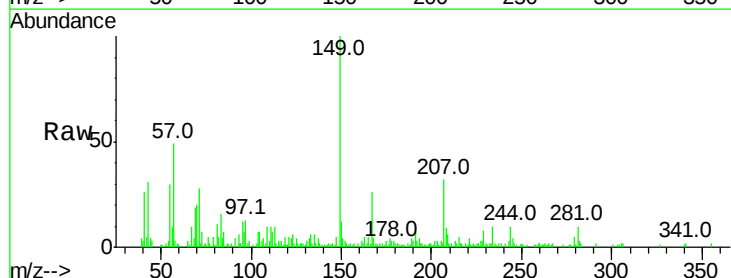
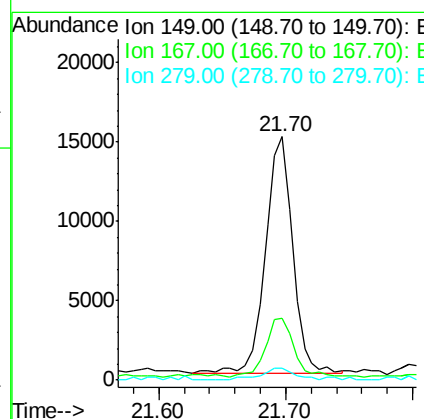
Manual Integrations
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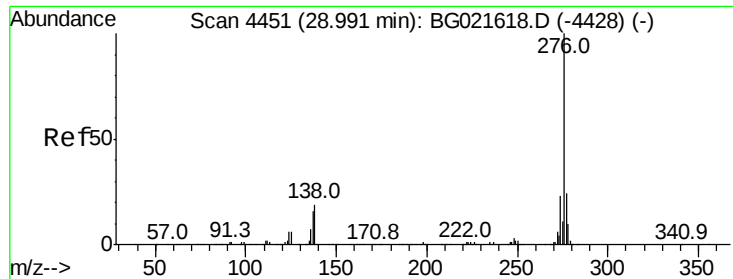
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#83
Bis(2-ethylhexyl)phthalate
Concen: 2.82 ng
RT: 21.70 min Scan# 3210
Delta R.T. -0.02 min
Lab File: BG021718.D
Acq: 16 Apr 2016 15:19

Tgt Ion:	149	Resp:	22426
Ion Ratio	Lower	Upper	
149	100		
167	25.6	22.4	33.6
279	4.8	3.2	4.8





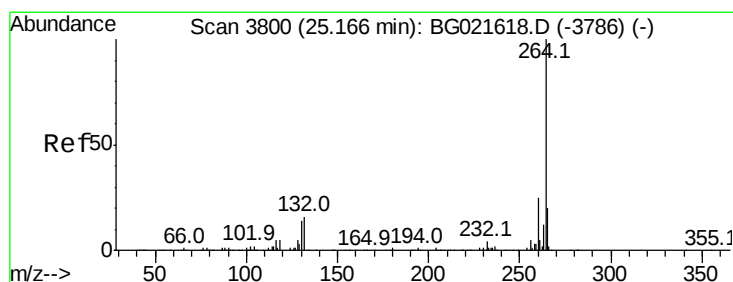
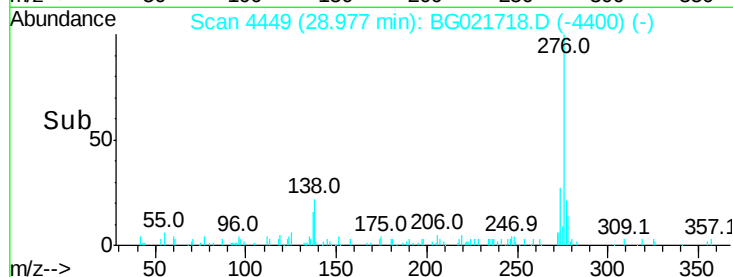
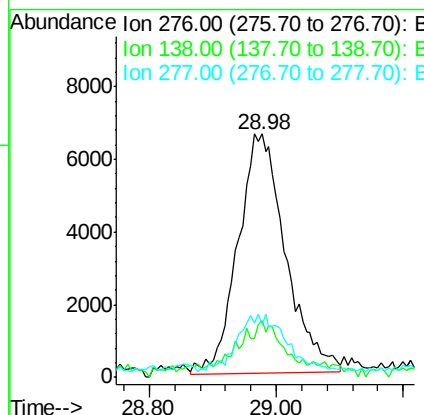
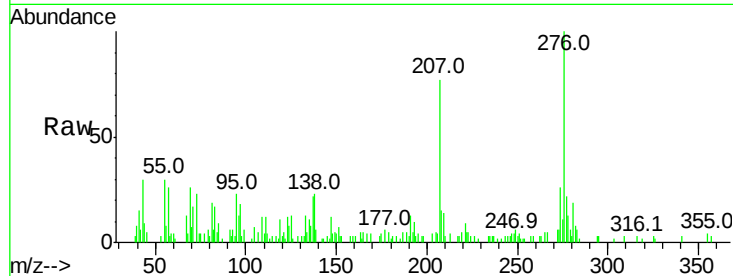
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.58 ng
RT: 28.98 min Scan# 4449
Delta R.T. -0.01 min
Lab File: BG021718.D
Acq: 16 Apr 2016 15:19

Instrument :
BNA_G
ClientSampleId :
POSTEX-26-20160414

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.8	14.0	21.0#
277	0.0	20.6	30.8#

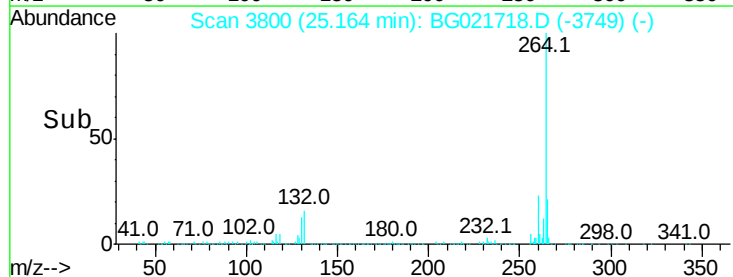
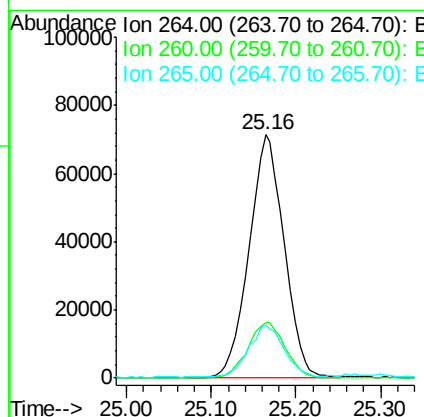
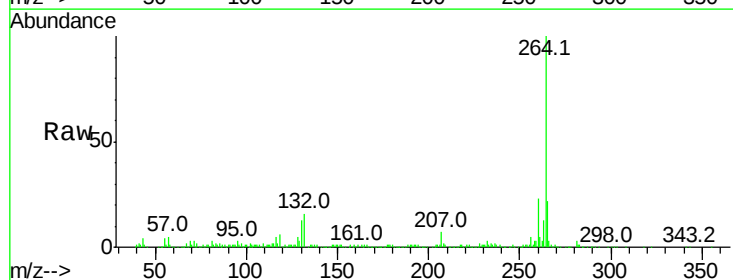
Manual Integrations
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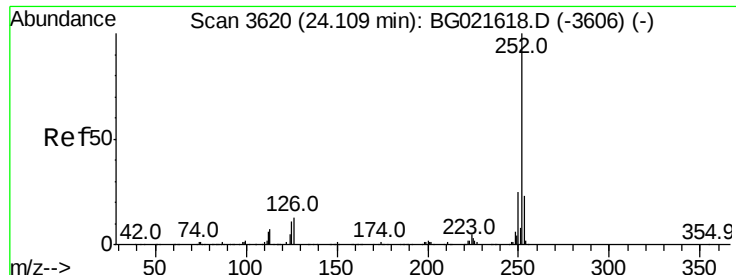
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. -0.00 min
Lab File: BG021718.D
Acq: 16 Apr 2016 15:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	20.2	30.4
265	21.7	17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 5.36 ng

RT: 24.11 min Scan# 3620

Delta R.T. -0.00 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

Instrument :

BNA_G

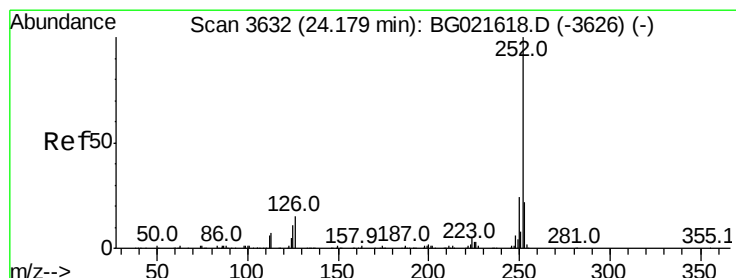
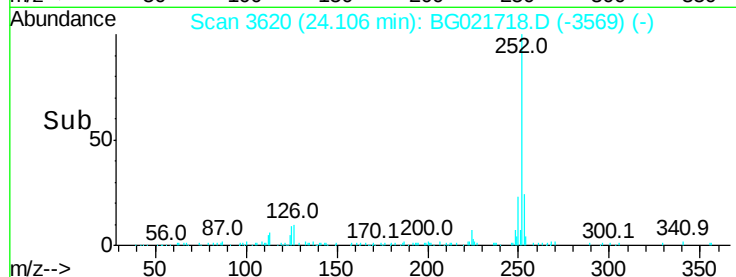
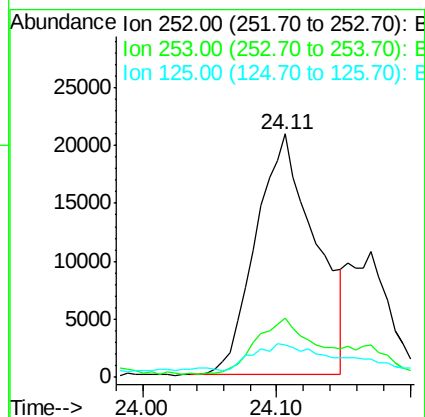
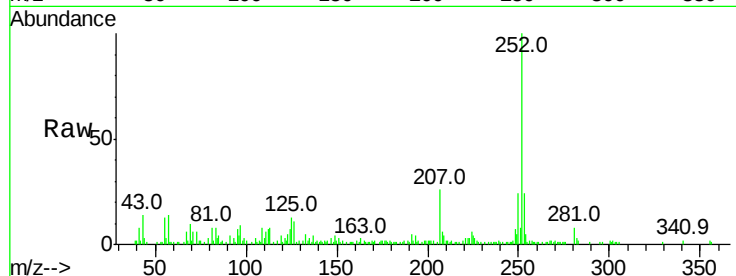
ClientSampleId :

POSTEX-26-20160414

Tot Ion:	252	Resp:	64113
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.5	26.3
125	13.1	8.6	13.0#

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#88

Benzo(k)fluoranthene

Concen: 2.22 ng m

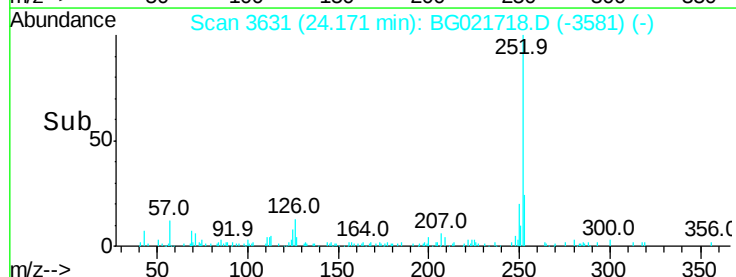
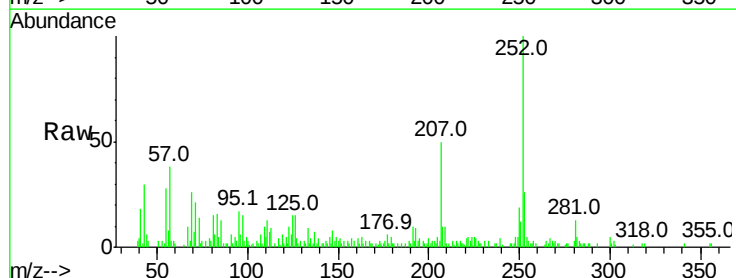
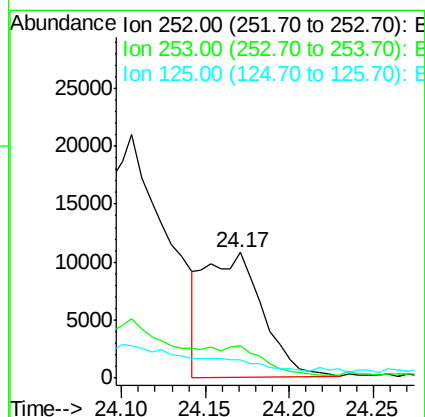
RT: 24.17 min Scan# 3631

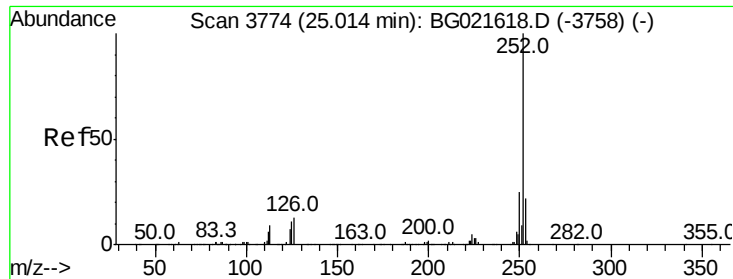
Delta R.T. -0.01 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

Tgt Ion:	252	Resp:	25968
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.8	26.8
125	14.6	8.3	12.5#





#89

Benzo(a)pyrene

Concen: 3.98 ng

RT: 25.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

Instrument :

BNA_G

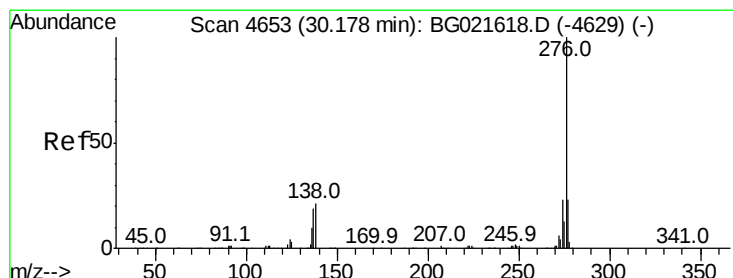
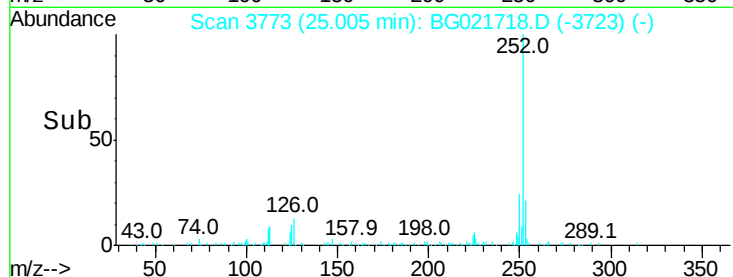
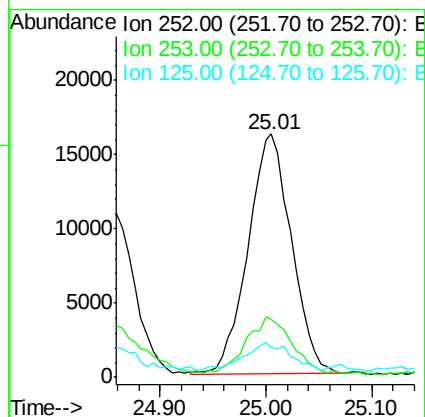
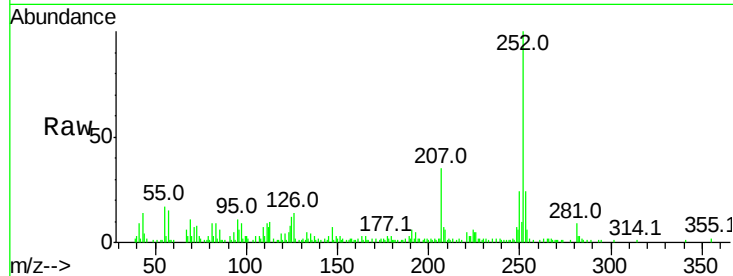
ClientSampleId :

POSTEX-26-20160414

Tot Ion:	252	Resp:	46120
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.1	25.7
125	12.5	9.6	14.4

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 3.06 ng m

RT: 30.16 min Scan# 4651

Delta R.T. -0.01 min

Lab File: BG021718.D

Acq: 16 Apr 2016 15:19

Tgt Ion:	276	Resp:	34853
Ion Ratio	Lower	Upper	
276	100		
277	25.6	19.4	29.2
138	20.9	17.4	26.0

