

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
 Data File : BG017349.D
 Acq On : 29 May 2015 7:37
 Operator : TP/IZ
 Sample : G2386-23
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-13-SS

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Quant Time: May 29 08:28:17 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 05:38:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	24269	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	103255	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	65485	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	149004	20.00	ng	0.00
75) Chrysene-d12	21.25	240	173643	20.00	ng	0.00
86) Perylene-d12	23.49	264	168396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	86768	63.43	ng	0.00
7) Phenol-d6	6.85	99	136605	71.16	ng	0.00
23) Nitrobenzene-d5	8.82	82	138625	62.68	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	37625	47.53	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	274869	61.59	ng	0.00
78) Terphenyl-d14	19.70	244	427374	51.29	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.77	163	18925	3.70	ng	# 95
70) Phenanthrene	17.10	178	42866	5.58	ng	96
74) Fluoranthene	19.12	202	94609	10.25	ng	94
77) Pyrene	19.49	202	84954	7.97	ng	99
80) Benzo(a)anthracene	21.23	228	48988	4.92	ng	98
82) Chrysene	21.28	228	43611	4.71	ng	100
85) Indeno(1,2,3-cd)pyrene	25.77	276	35287	3.18	ng	98
87) Benzo(b)fluoranthene	22.81	252	67802	6.91	ng	# 97
89) Benzo(a)pyrene	23.39	252	48762	5.41	ng	99
91) Benzo(g,h,i)perylene	26.47	276	34436	3.95	ng	# 96

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

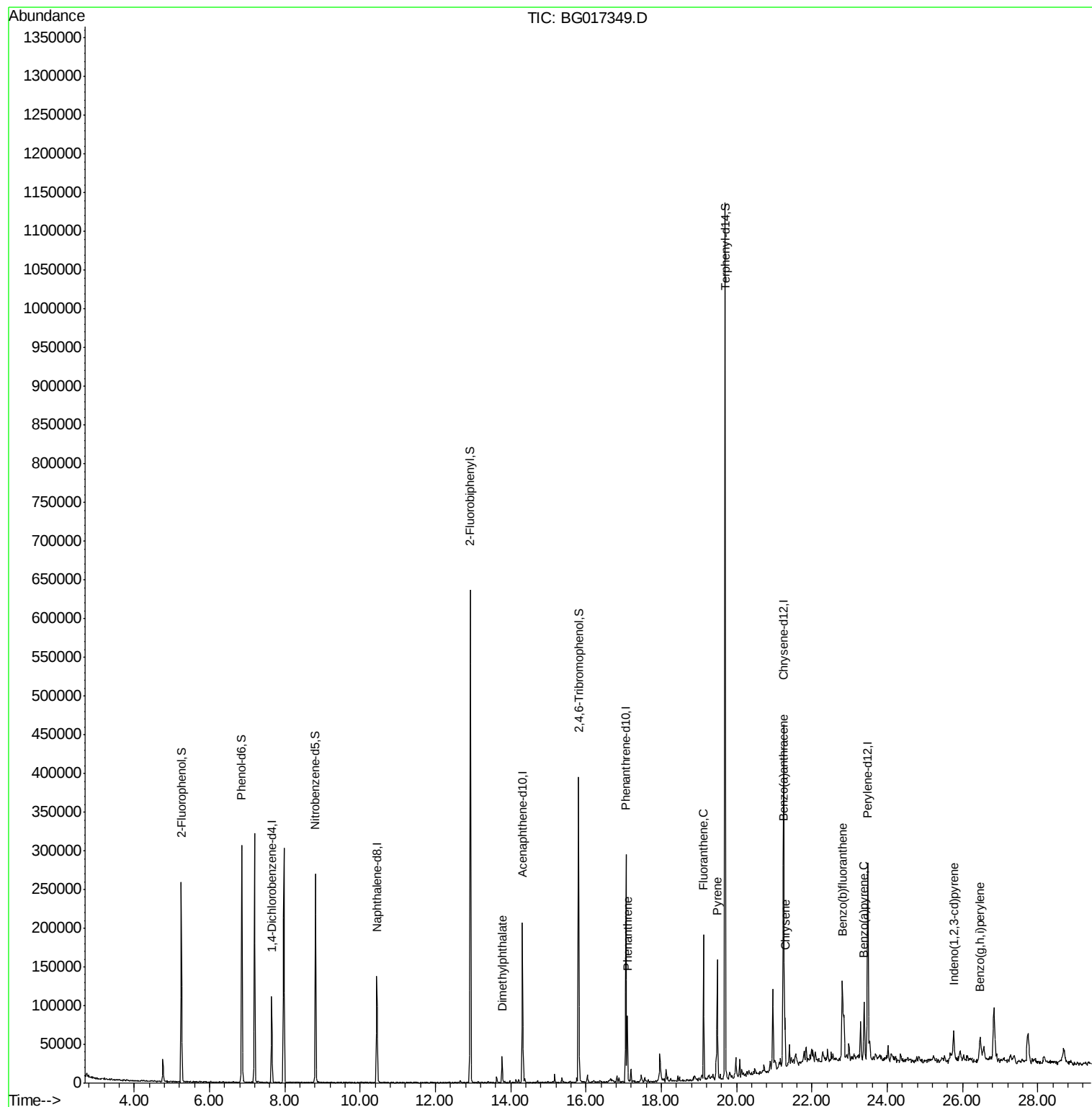
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG017349.D

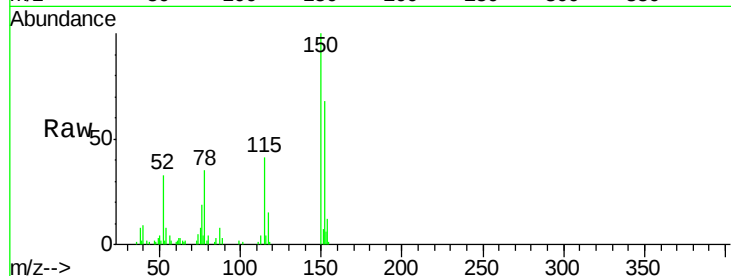
Acq: 29 May 2015 7:37

Instrument :

BNA_G

ClientSampleId :

TP-13-SS



Tgt Ion:152 Resp: 24269

Ion Ratio Lower Upper

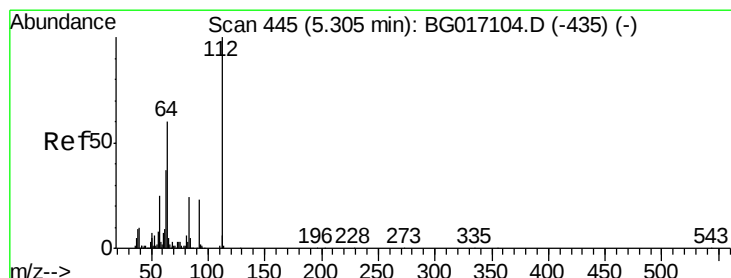
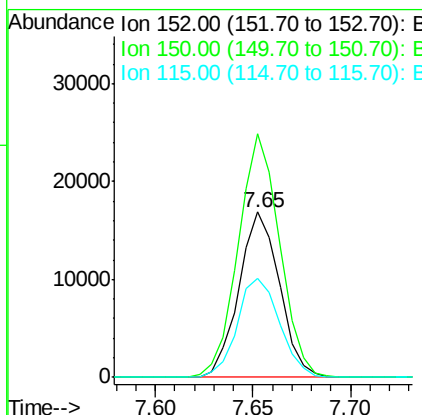
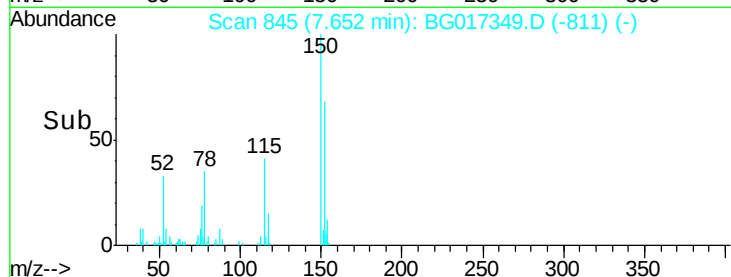
152 100

150 147.4 120.8 181.2

115 60.1 49.4 74.2

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#5

2-Fluorophenol

Concen: 63.43 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.00 min

Lab File: BG017349.D

Acq: 29 May 2015 7:37

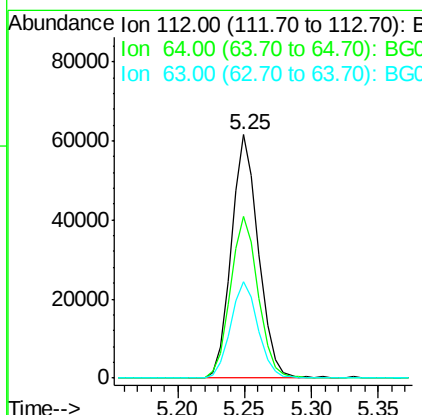
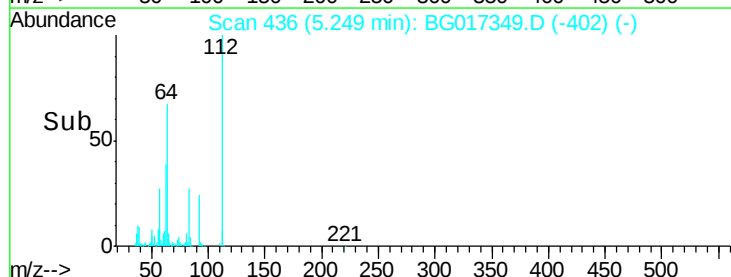
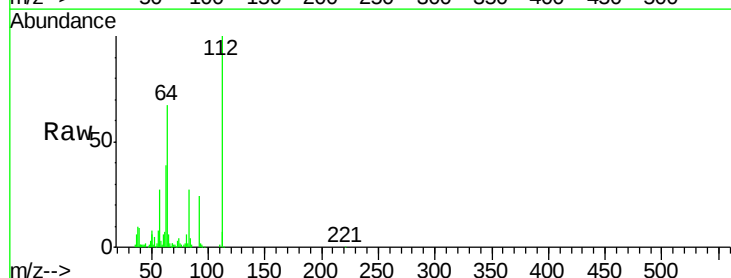
Tgt Ion:112 Resp: 86768

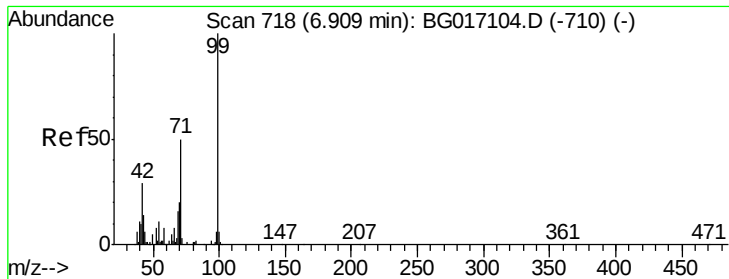
Ion Ratio Lower Upper

112 100

64 66.5 48.1 72.1

63 39.4 29.8 44.8





#7

Phenol-d6

Concen: 71.16 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG017349.D

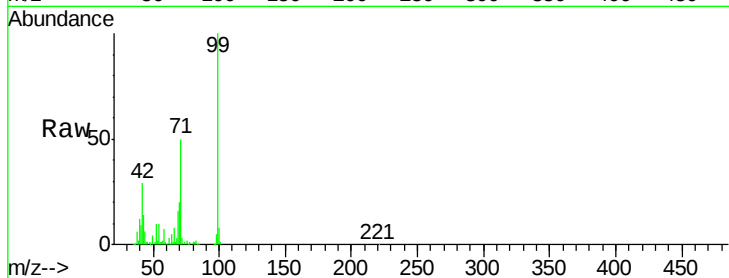
Acq: 29 May 2015 7:37

Instrument :

BNA_G

ClientSampleId :

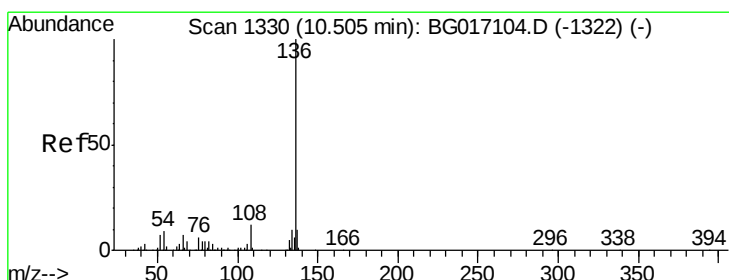
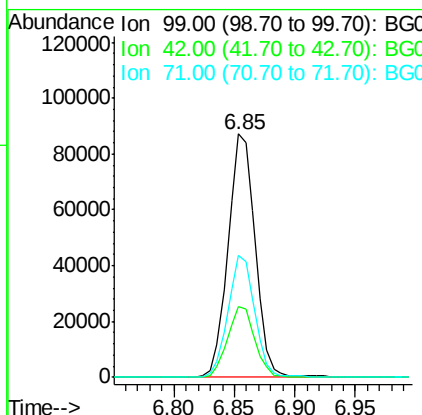
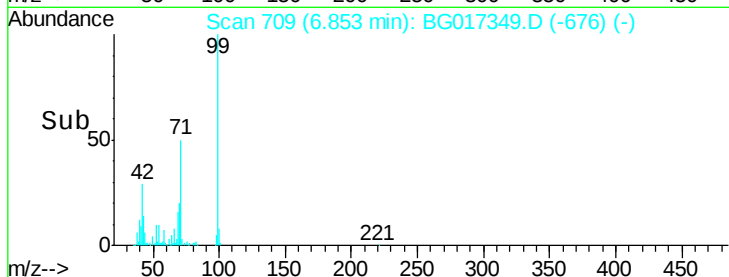
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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	136605		
42	29.1	23.5	35.3	
71	50.2	39.8	59.8	

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#21

Naphthalene-d8

Concen: 20.00 ng

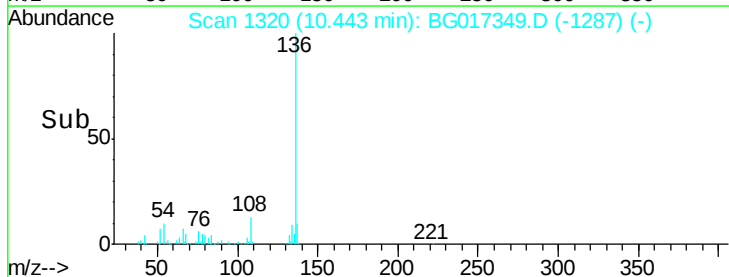
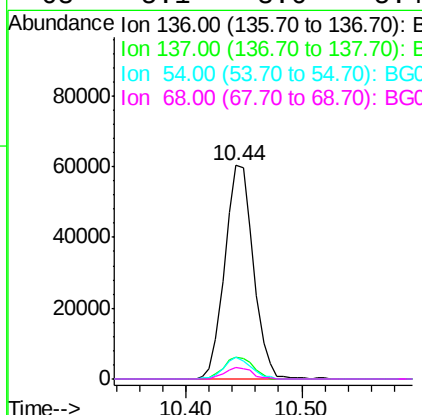
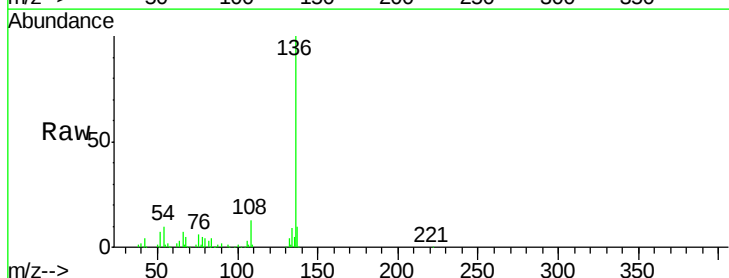
RT: 10.44 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG017349.D

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Tgt Ion	Ratio	Resp	Lower	Upper
136	100	103255		
137	10.4	8.3	12.5	
54	10.0	7.4	11.2	
68	5.1	3.6	5.4	





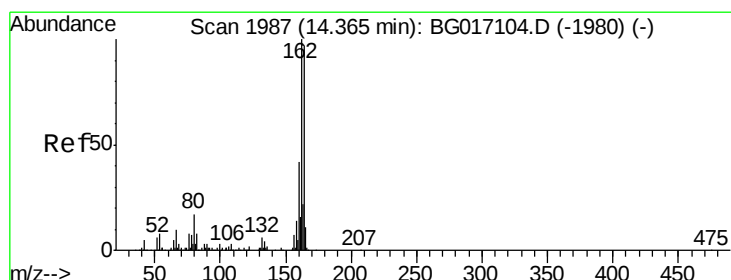
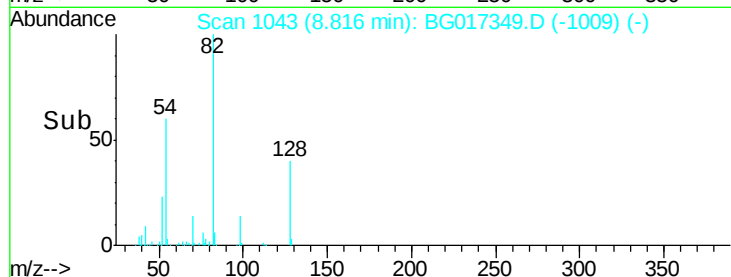
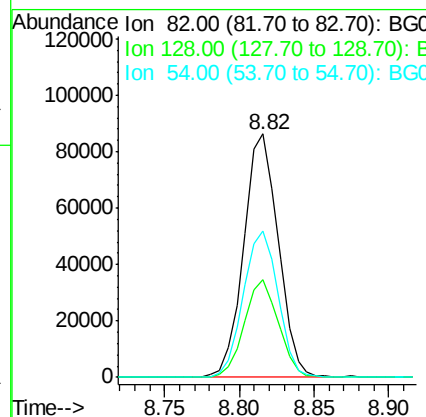
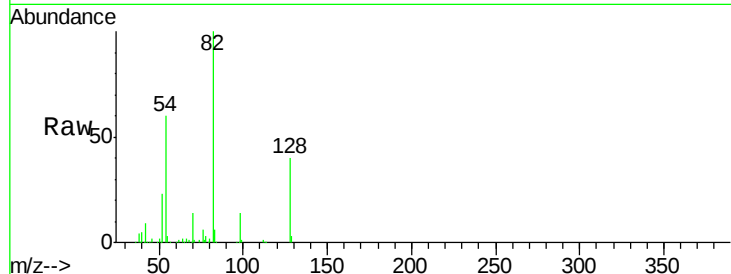
#23
 Nitrobenzene-d5
 Concen: 62.68 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG017349.D
 Acq: 29 May 2015 7:37

Instrument :
 BNA_G
 ClientSampleId :
 TP-13-SS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	138625		
128	40.3	32.6	49.0	
54	60.1	49.6	74.4	

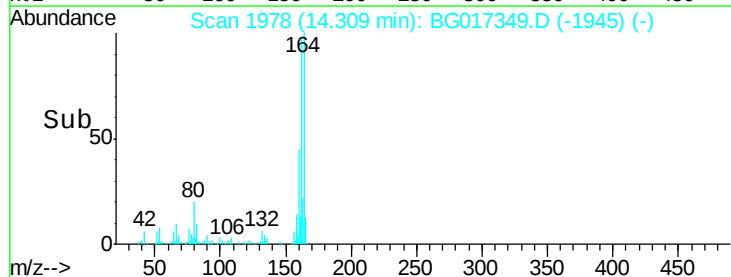
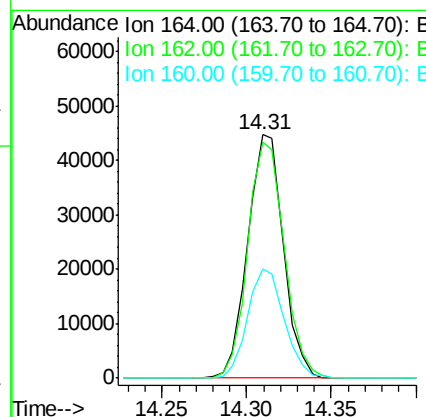
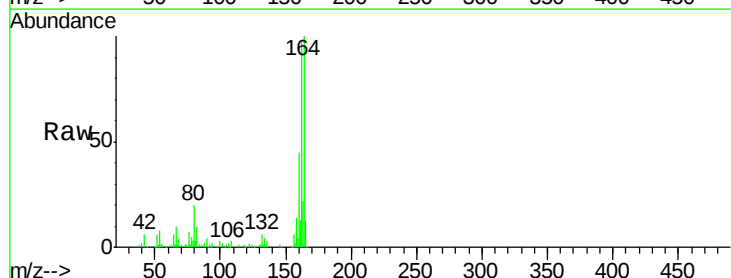
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG017349.D
 Acq: 29 May 2015 7:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	65485		
162	96.9	82.1	123.1	
160	44.9	34.8	52.2	





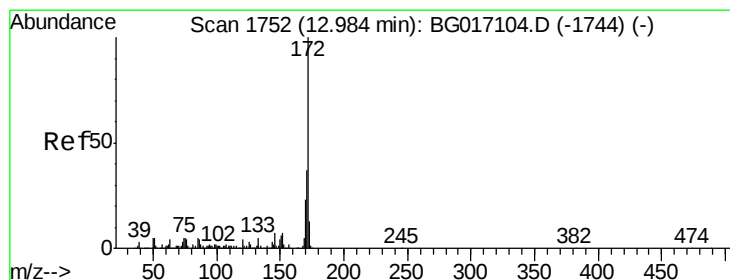
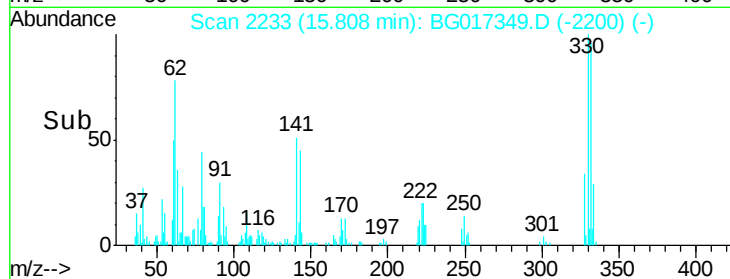
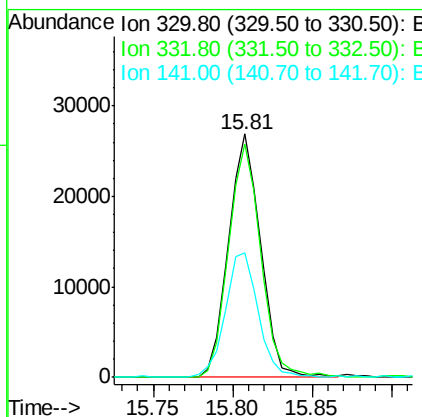
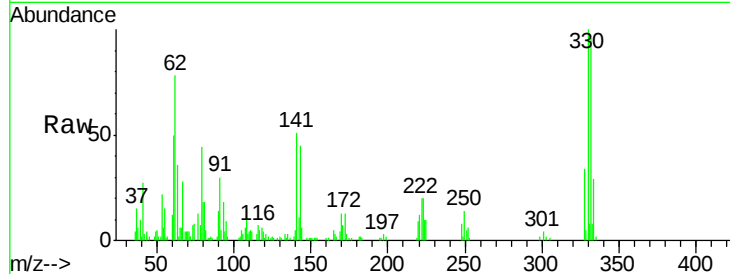
#41
 2,4,6-Tribromophenol
 Concen: 47.53 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG017349.D
 Acq: 29 May 2015 7:37

Instrument :
 BNA_G
 ClientSampleId :
 TP-13-SS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	37625		
332	96.7	76.9	115.3	
141	52.3	42.2	63.2	

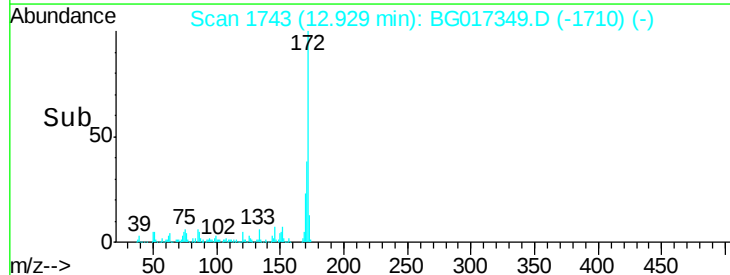
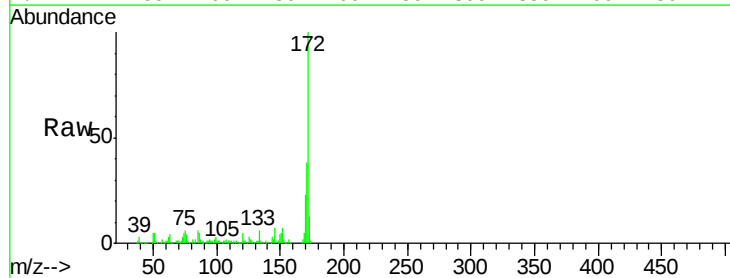
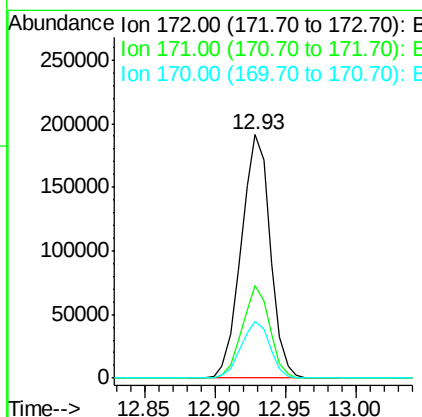
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#44
 2-Fluorobiphenyl
 Concen: 61.59 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG017349.D
 Acq: 29 May 2015 7:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	274869		
171	37.9	29.7	44.5	
170	23.2	18.4	27.6	





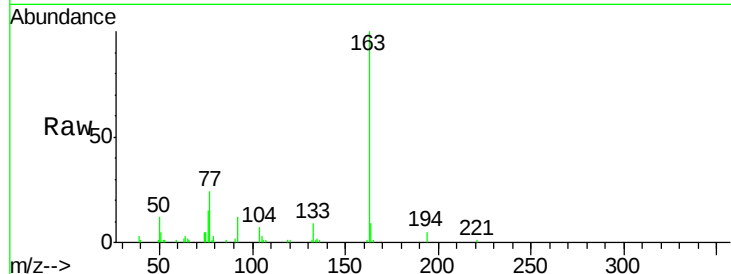
#49
Dimethylphthalate
Concen: 3.70 ng
RT: 13.77 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG017349.D
Acq: 29 May 2015 7:37

Instrument :
BNA_G
ClientSampleId :
TP-13-SS

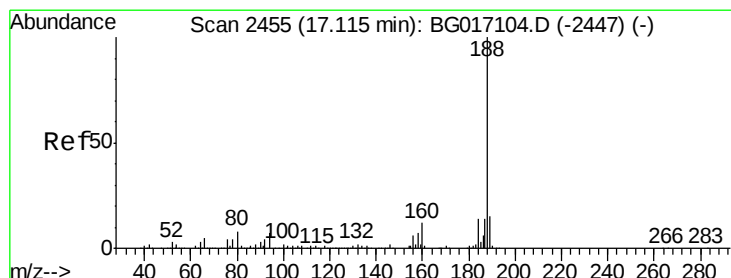
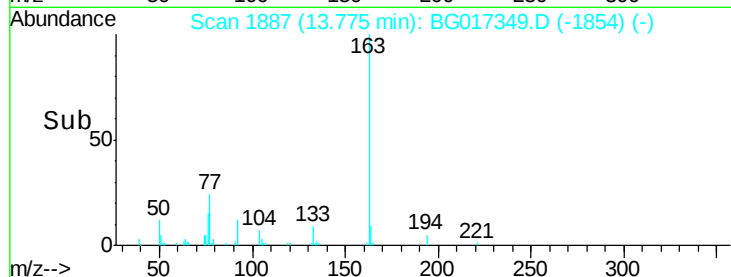
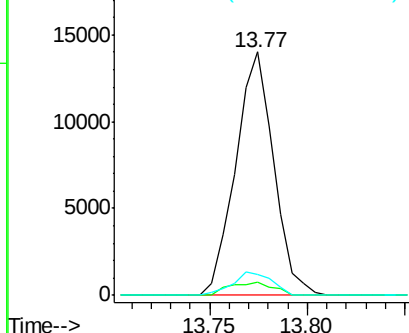
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	5.2	5.6	8.4#
164	8.7	8.6	13.0

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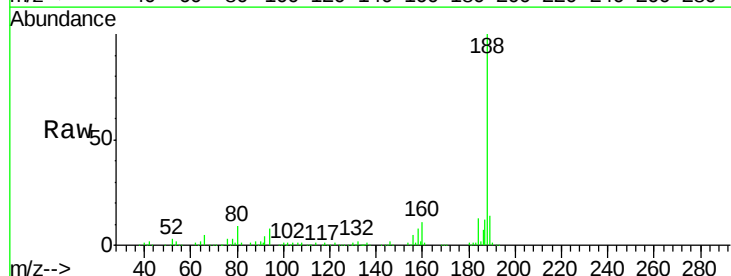


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

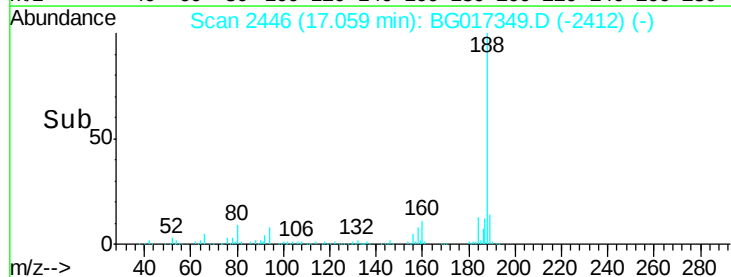
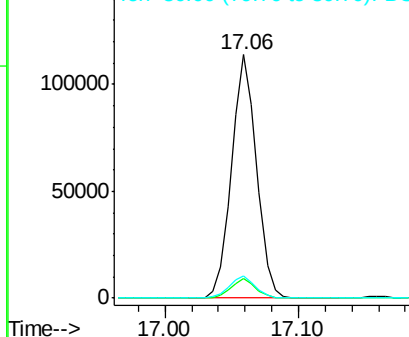


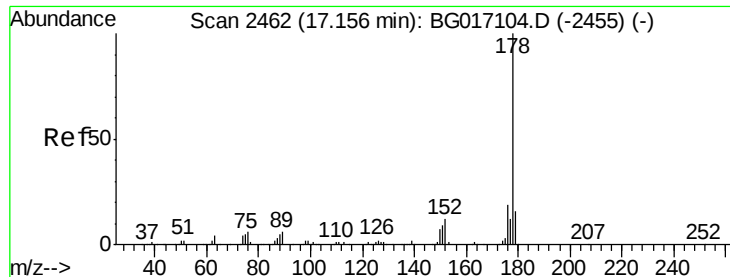
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG017349.D
Acq: 29 May 2015 7:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.1	5.8	8.6
80	8.9	6.5	9.7



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





#70

Phenanthrene

Concen: 5.58 ng

RT: 17.10 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BG017349.D

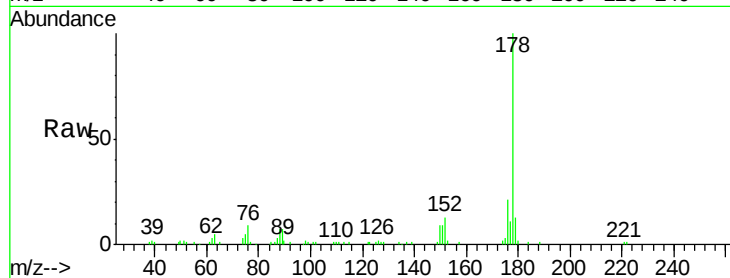
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Instrument :

BNA_G

ClientSampleId :

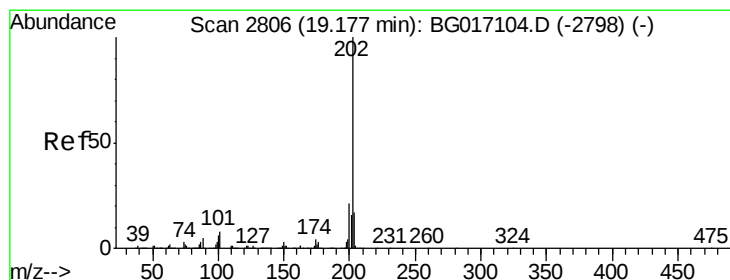
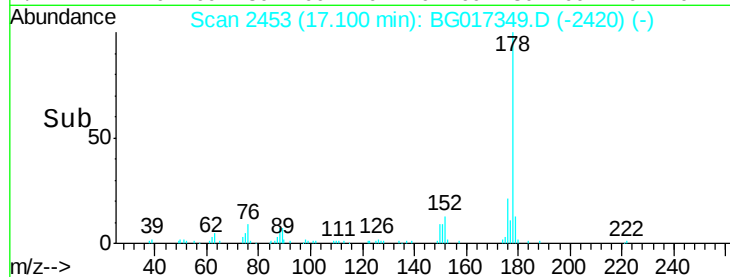
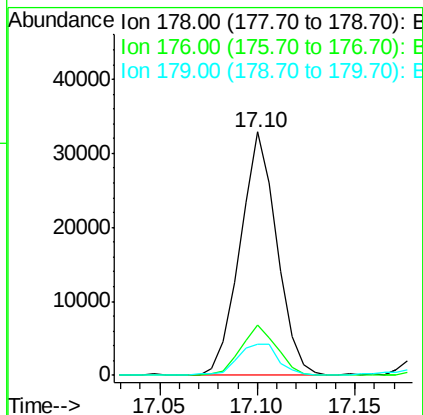
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.4	23.2
179	13.0	12.5	18.7

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#74

Fluoranthene

Concen: 10.25 ng

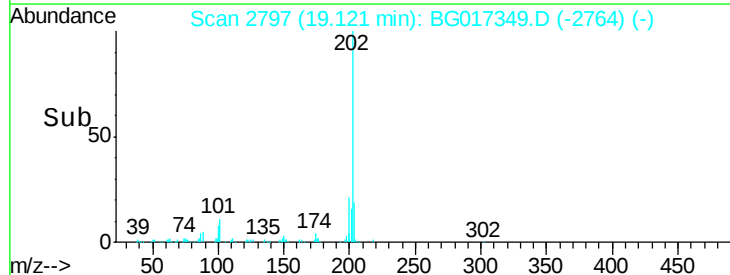
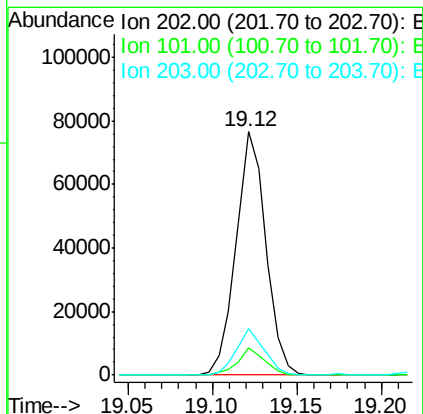
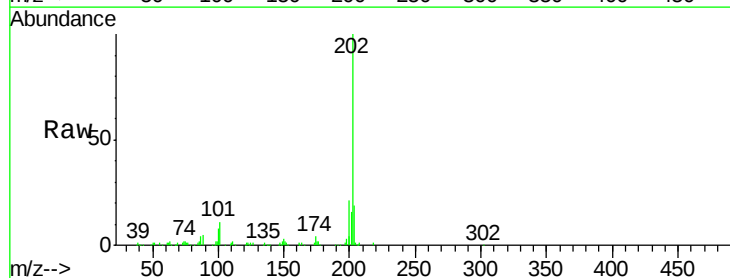
RT: 19.12 min Scan# 2797

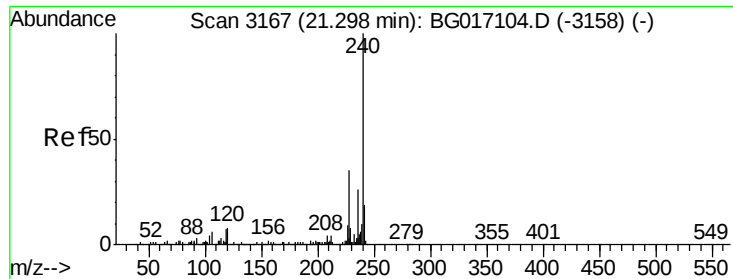
Delta R.T. -0.01 min

Lab File: BG017349.D

Acq: 29 May 2015 7:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	28.3
203	19.2	0.0	37.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG017349.D

Acq: 29 May 2015 7:37

Instrument :

BNA_G

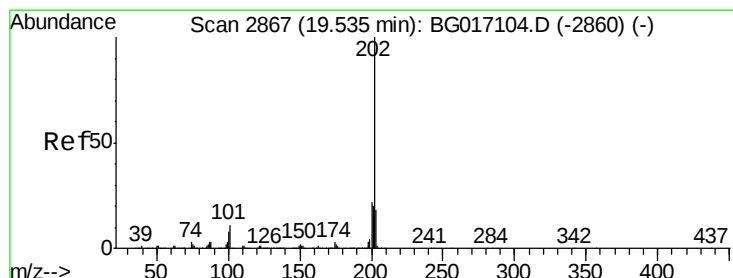
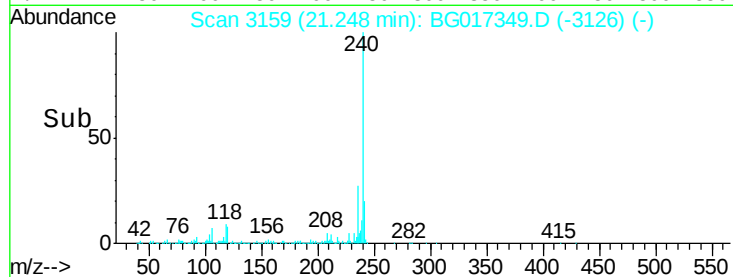
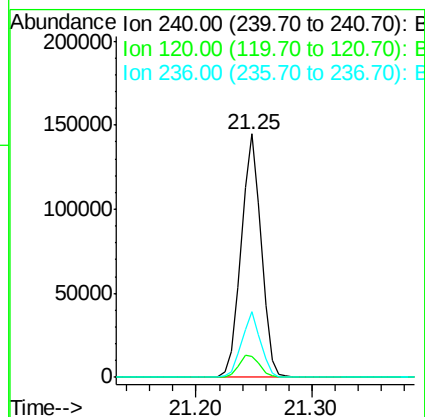
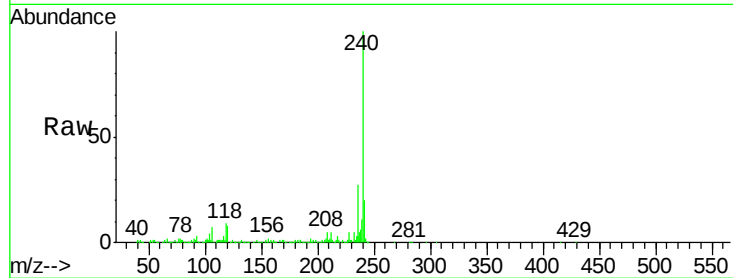
ClientSampleId :

TP-13-SS

Tgt Ion:	240	Resp:	173643
Ion Ratio	Lower	Upper	
240	100		
120	8.4	6.0	9.0
236	26.8	20.5	30.7

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#77

Pyrene

Concen: 7.97 ng

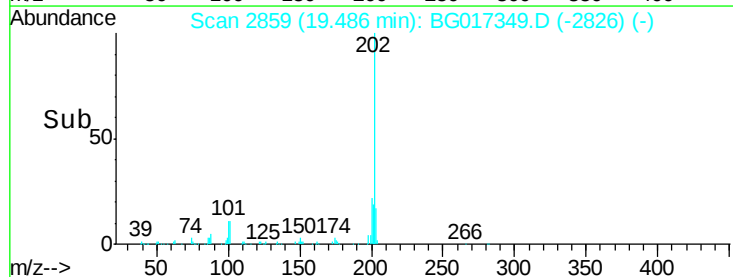
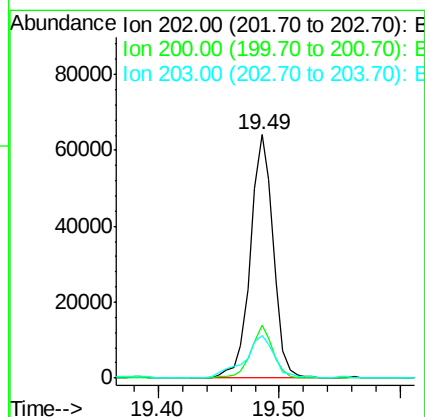
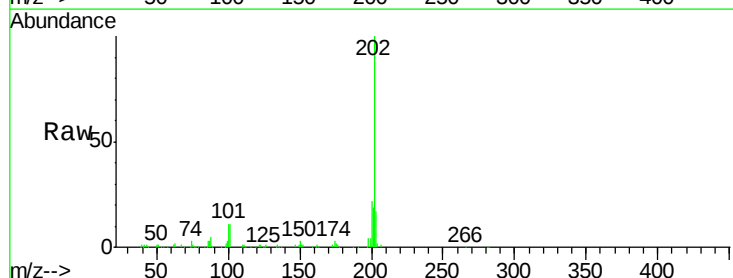
RT: 19.49 min Scan# 2859

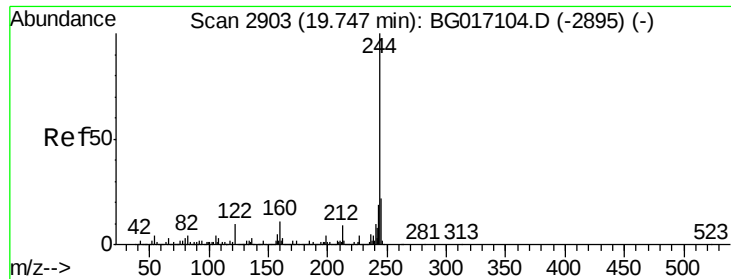
Delta R.T. -0.01 min

Lab File: BG017349.D

Acq: 29 May 2015 7:37

Tgt Ion:	202	Resp:	84954
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.8	26.8
203	17.4	14.4	21.6





#78

Terphenyl-d14

Concen: 51.29 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.00 min

Lab File: BG017349.D

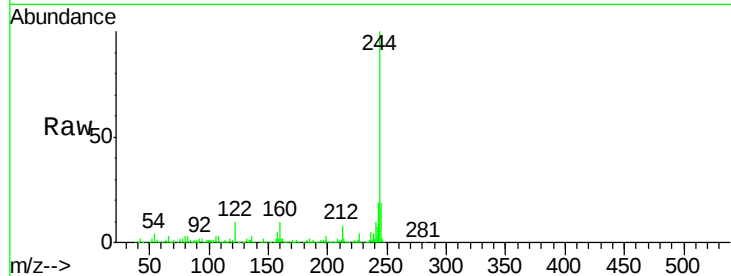
Acq: 29 May 2015 7:37

Instrument :

BNA_G

ClientSampleId :

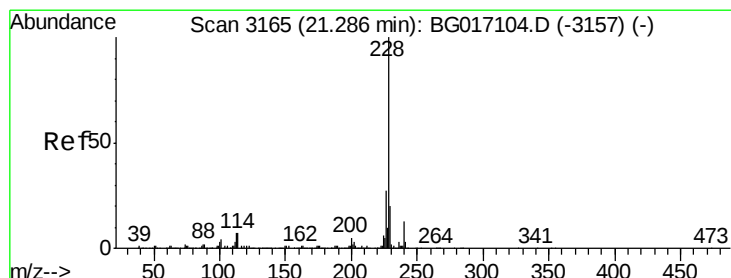
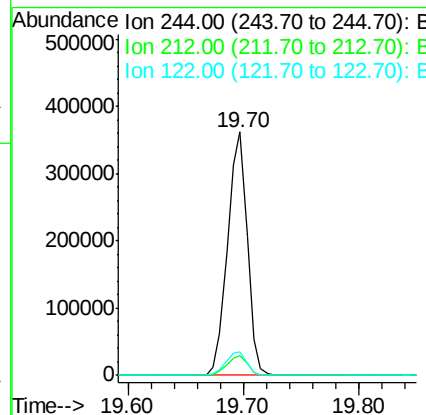
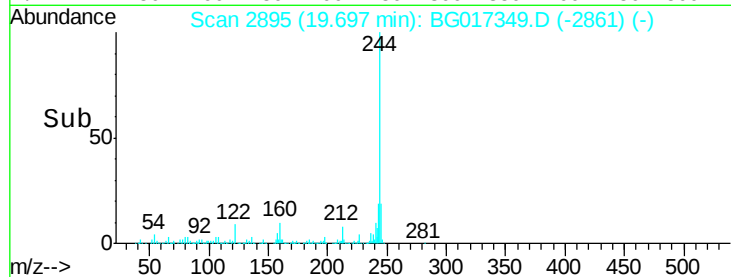
TP-13-SS



Tgt Ion	Ratio	Resp	Lower	Upper
244	100	427374		
212	7.9	7.0	10.4	
122	9.5	8.4	12.6	

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#80

Benzo(a)anthracene

Concen: 4.92 ng

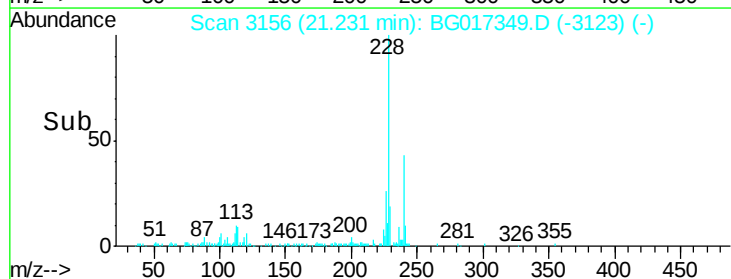
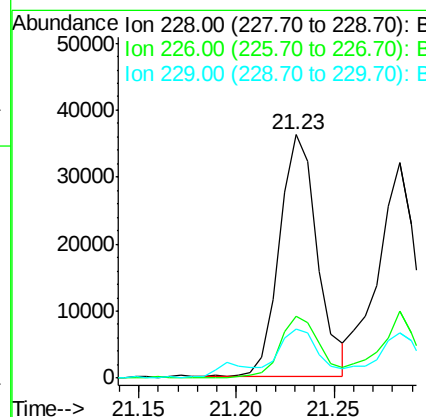
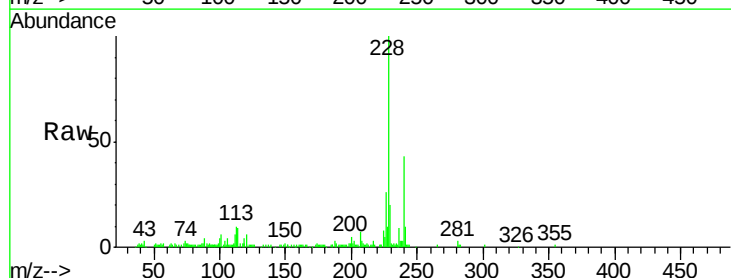
RT: 21.23 min Scan# 3156

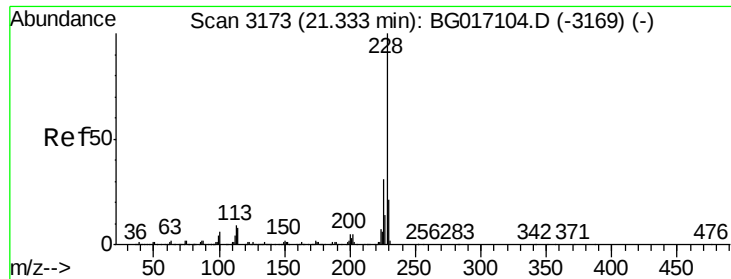
Delta R.T. -0.01 min

Lab File: BG017349.D

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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	48988		
226	25.7	21.7	32.5	
229	19.9	16.1	24.1	





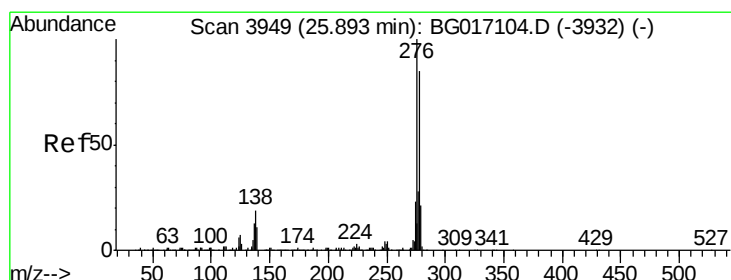
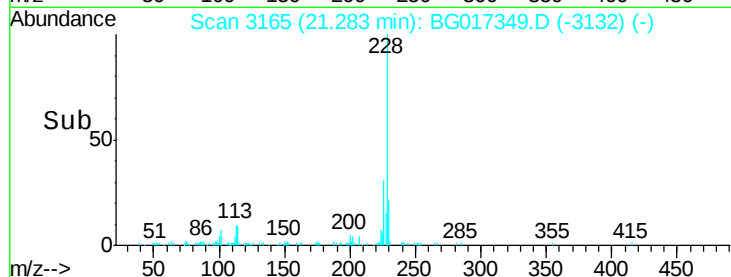
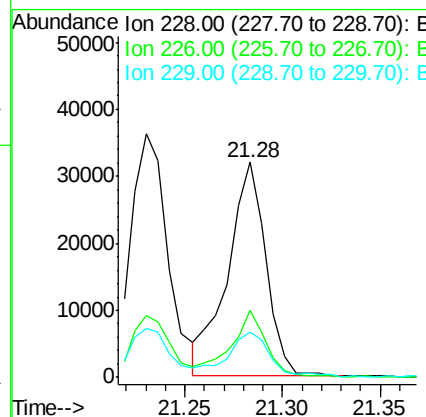
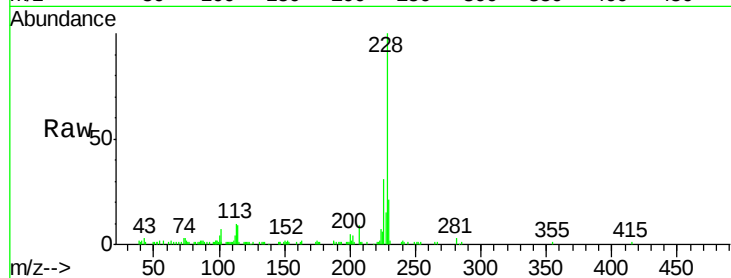
#82
Chrysene
Concen: 4.71 ng
RT: 21.28 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG017349.D
Acq: 29 May 2015 7:37

Instrument :
BNA_G
ClientSampleId :
TP-13-SS

Tgt Ion:	228	Resp:	43611
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.8	37.2
229	20.9	17.0	25.6

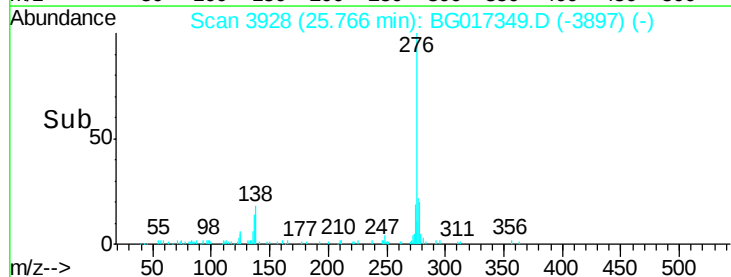
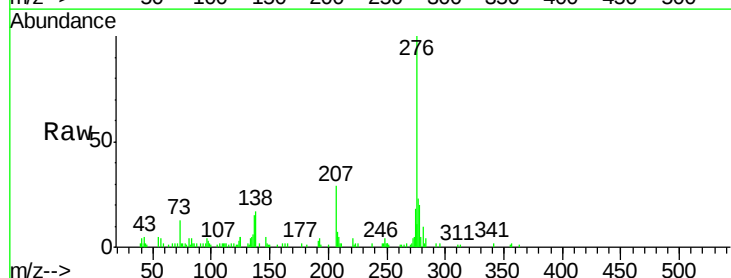
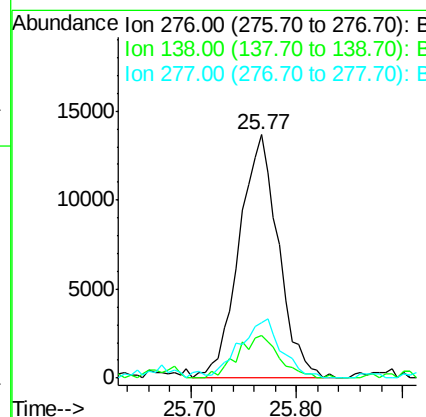
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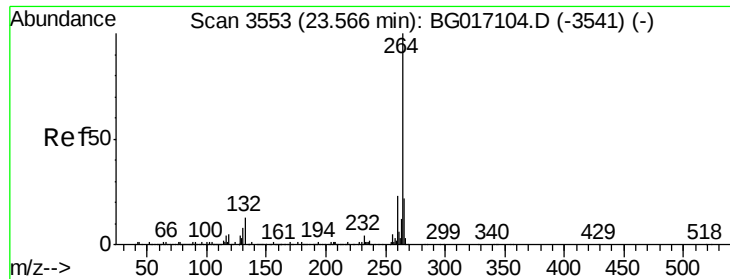
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.18 ng
RT: 25.77 min Scan# 3928
Delta R.T. -0.02 min
Lab File: BG017349.D
Acq: 29 May 2015 7:37

Tgt Ion:	276	Resp:	35287
Ion Ratio	Lower	Upper	
276	100		
138	18.6	16.0	24.0
277	25.6	20.9	31.3





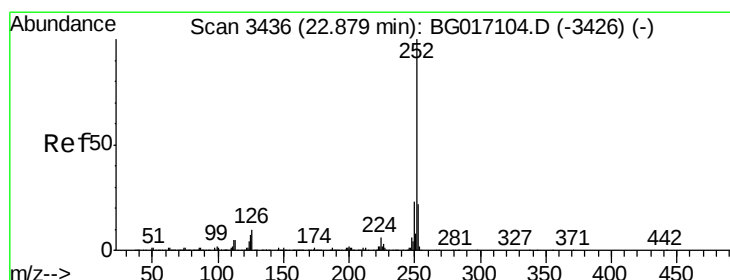
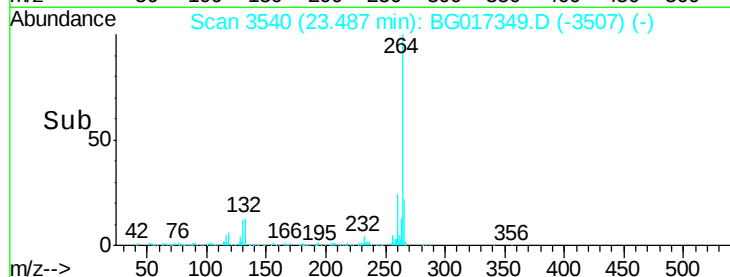
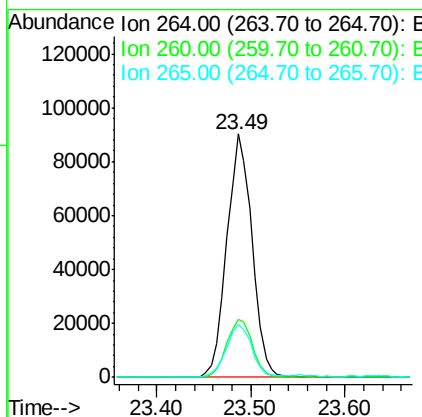
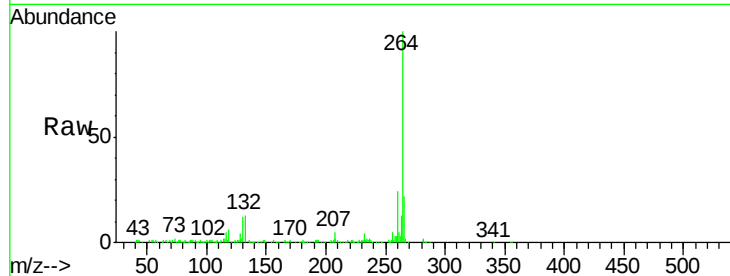
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.49 min Scan# 3540
Delta R.T. -0.01 min
Lab File: BG017349.D
Acq: 29 May 2015 7:37

Instrument :
BNA_G
ClientSampleId :
TP-13-SS

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.7	18.0	27.0
265	21.7	17.4	26.0

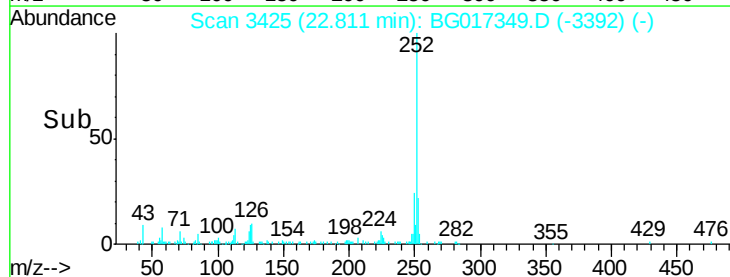
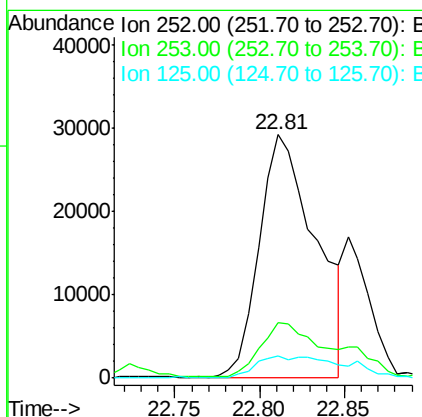
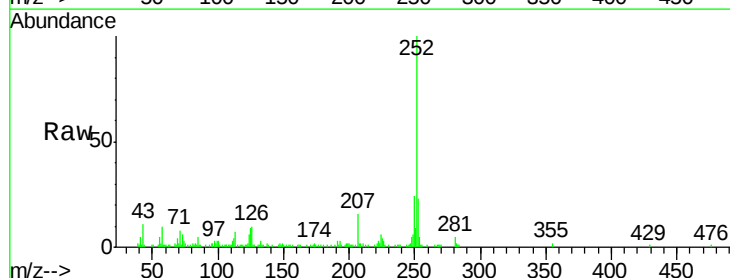
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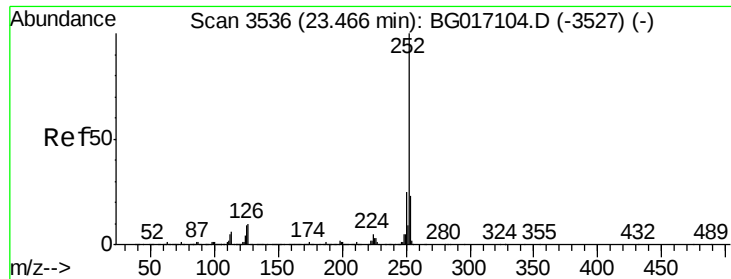
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#87
Benzo(b)fluoranthene
Concen: 6.91 ng
RT: 22.81 min Scan# 3425
Delta R.T. -0.01 min
Lab File: BG017349.D
Acq: 29 May 2015 7:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.6	17.4	26.2
125	9.3	5.9	8.9#





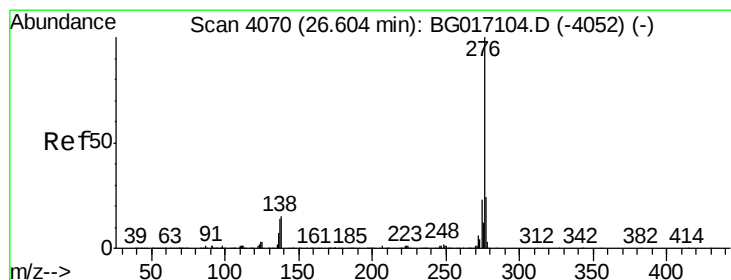
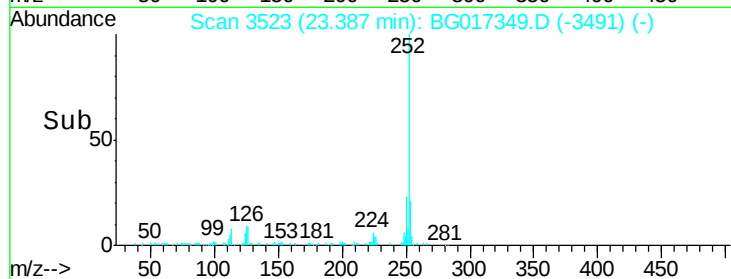
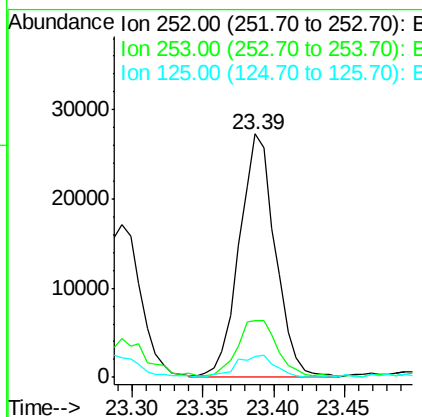
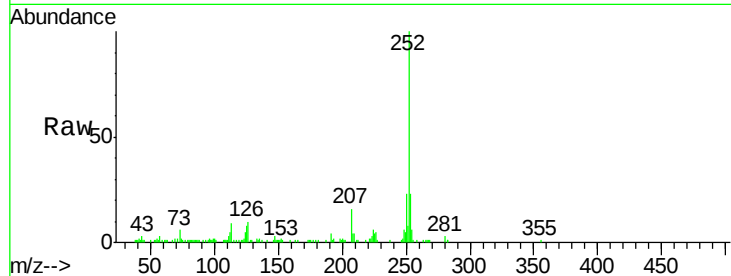
#89
Benzo(a)pyrene
Concen: 5.41 ng
RT: 23.39 min Scan# 3523
Delta R.T. -0.01 min
Lab File: BG017349.D
Acq: 29 May 2015 7:37

Instrument :
BNA_G
ClientSampleId :
TP-13-SS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.1	18.4	27.6
125	8.5	7.2	10.8

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#91
Benzo(g,h,i)perylene
Concen: 3.95 ng
RT: 26.47 min Scan# 4047
Delta R.T. -0.02 min
Lab File: BG017349.D
Acq: 29 May 2015 7:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.7	18.9	28.3
138	17.9	11.8	17.8#

