

Data Path : S:\HPCHEM1\BNA_G\DATA\BG072015\
 Data File : BG017988.D
 Acq On : 20 Jul 2015 14:40
 Operator : TP/UM
 Sample : G2976-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-8(0-2)

Manual Integrations
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 7/22/2015 9:43:26 AM

Quant Time: Jul 20 18:36:53 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	156395	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	667012	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	393913	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	741652	20.00	ng	0.00
75) Chrysene-d12	21.20	240	766068	20.00	ng	0.00
86) Perylene-d12	23.42	264	781969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	934071	104.19	ng	0.00
7) Phenol-d6	6.78	99	1212965	103.27	ng	0.01
23) Nitrobenzene-d5	8.74	82	721164	70.03	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	431946	108.23	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1493266	65.69	ng	0.00
78) Terphenyl-d14	19.65	244	1747742	57.47	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.71	163	525873	19.22	ng	99
70) Phenanthrene	17.04	178	379915	9.93	ng	97
71) Anthracene	17.13	178	45052	1.21	ng	99
74) Fluoranthene	19.06	202	585378	13.98	ng	97
77) Pyrene	19.43	202	524181	12.27	ng	97
80) Benzo(a)anthracene	21.19	228	222405	5.50	ng	99
82) Chrysene	21.23	228	251350	6.52	ng	95
85) Indeno(1,2,3-cd)pyrene	25.66	276	127563	2.74	ng	# 89
87) Benzo(b)fluoranthene	22.75	252	317368m	7.42	ng	
88) Benzo(k)fluoranthene	22.79	252	88083m	2.06	ng	
89) Benzo(a)pyrene	23.32	252	214599	5.38	ng	99
91) Benzo(g,h,i)perylene	26.36	276	120253	3.02	ng	99

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

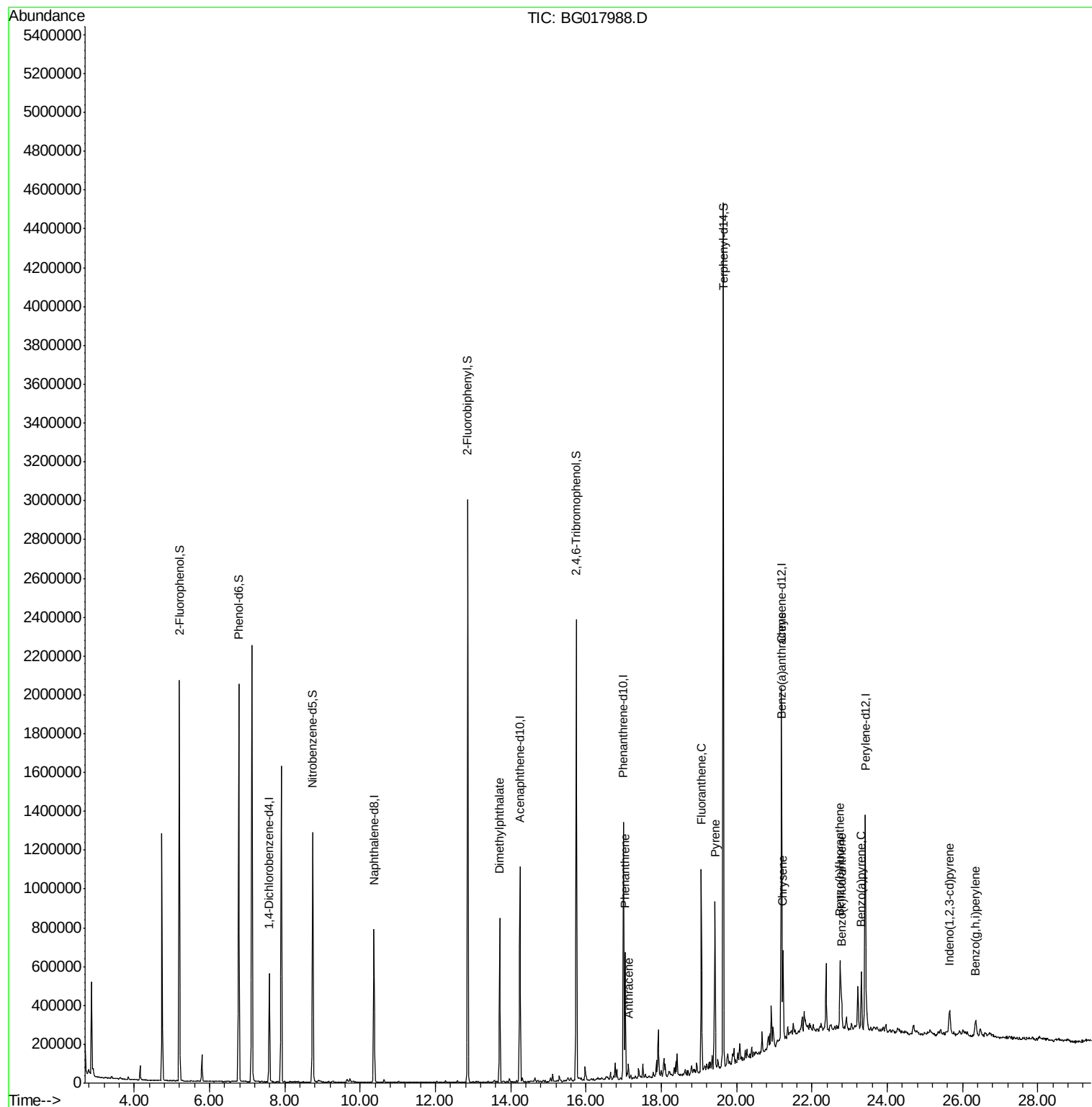
Data Path : S:\HPCHEM1\BNA_G\DATA\BG072015\
Data File : BG017988.D
Acq On : 20 Jul 2015 14:40
Operator : TP/UM
Sample : G2976-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

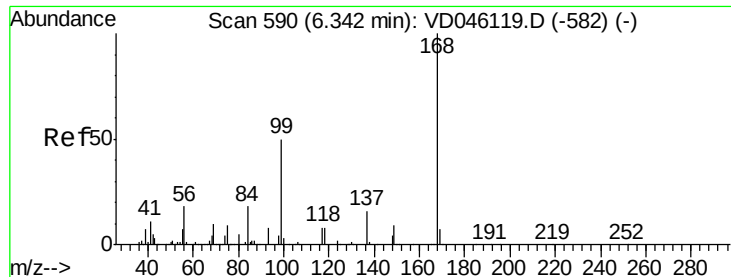
Instrument :
BNA_G
ClientSampled :
BRIDGE14-8(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

Instrument :

BNA_G

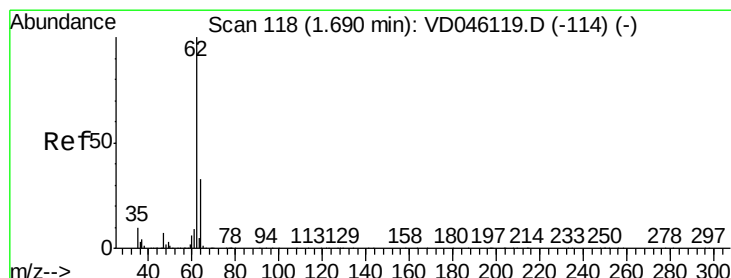
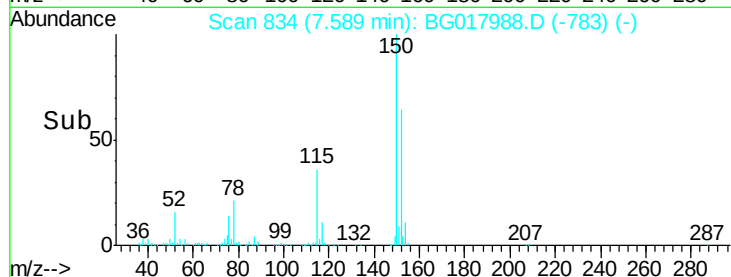
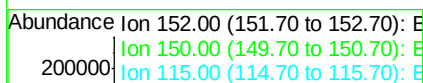
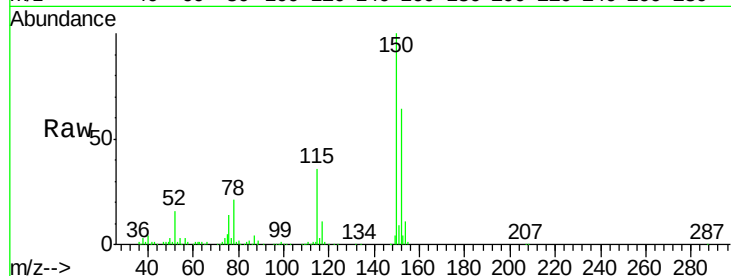
ClientSampleId :

BRIDGE14-8(0-2)

Tgt	Ion:152	Resp:	156395
Ion	Ratio	Lower	Upper
152	100		
150	156.8	119.1	178.7
115	56.2	47.0	70.4

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#5

2-Fluorophenol

Concen: Below ng

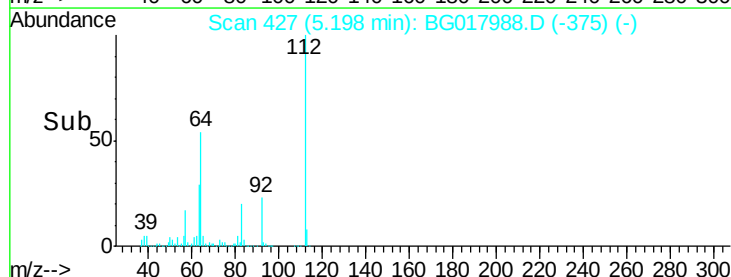
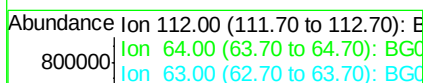
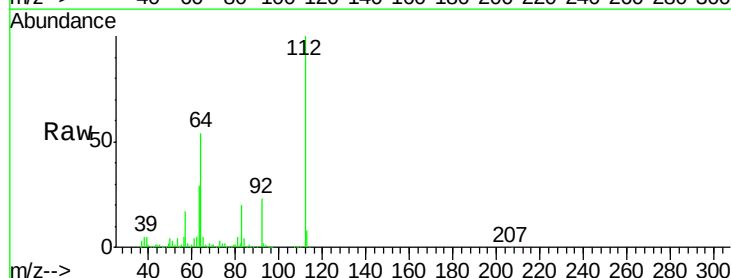
RT: 5.20 min Scan# 427

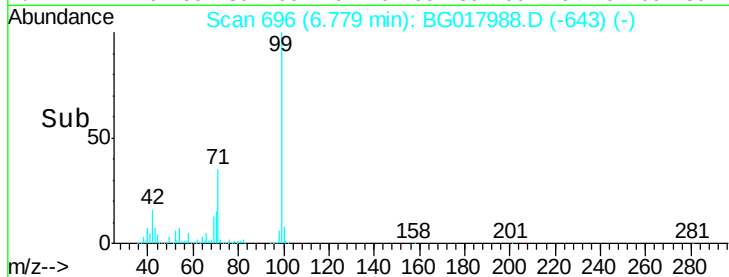
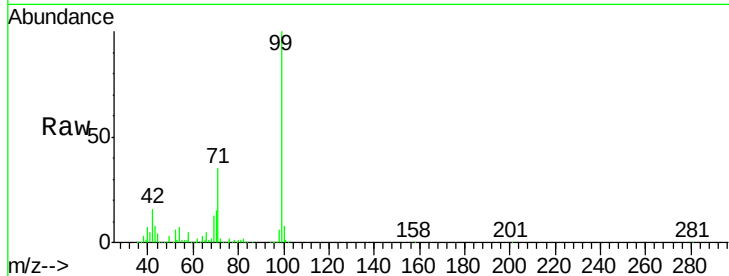
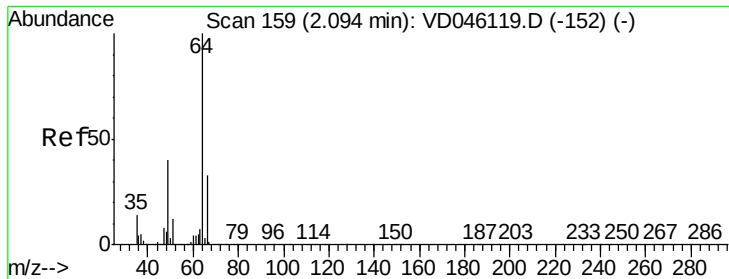
Delta R.T. 0.01 min

Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

Tgt	Ion:112	Resp:	934071
Ion	Ratio	Lower	Upper
112	100		
64	54.0	45.4	68.0
63	29.1	25.3	37.9





#7

Phenol-d6

Concen: Below ng

RT: 6.78 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	1212965		
42	16.0	16.2	24.4#	
71	35.4	29.5	44.3	

Instrument :

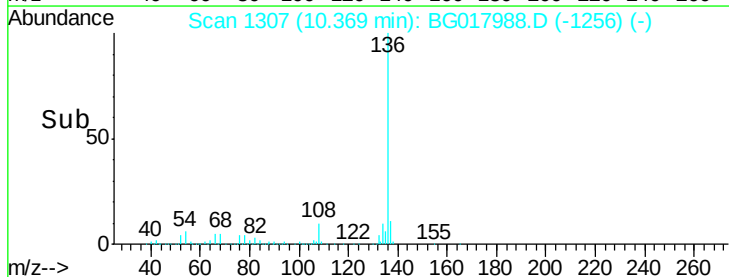
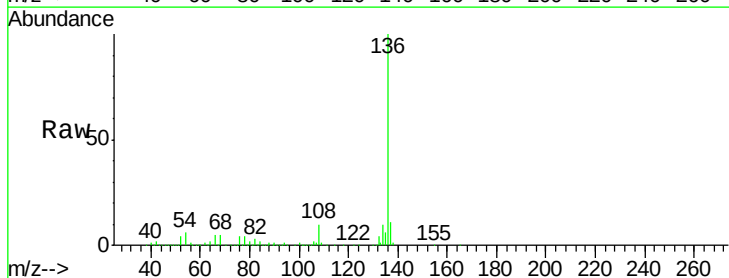
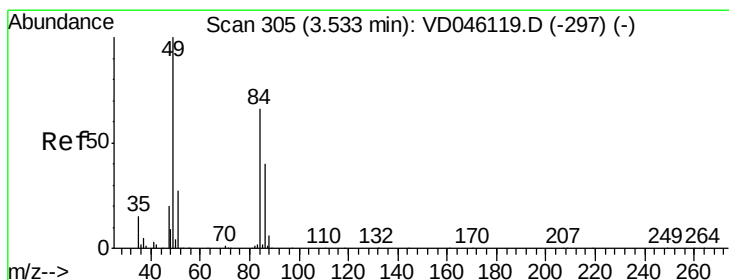
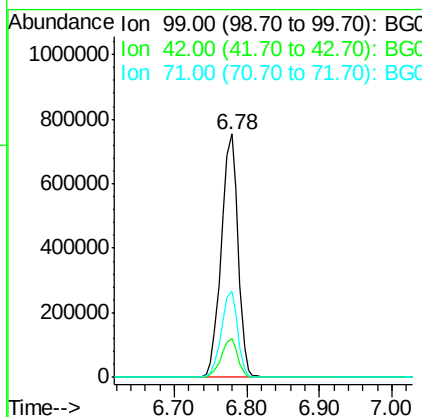
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ClientSampleId :

BRIDGE14-8(0-2)

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#21

Naphthalene-d8

Concen: 20.00 ng

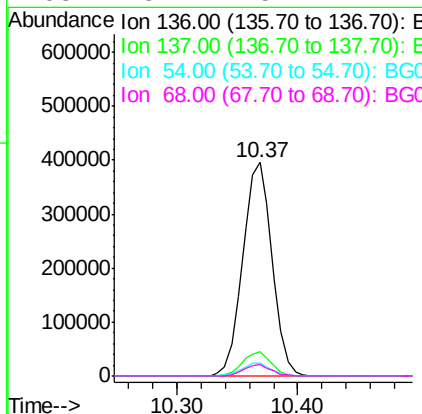
RT: 10.37 min Scan# 1307

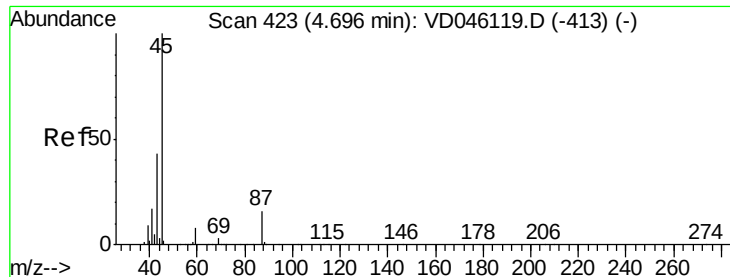
Delta R.T. 0.00 min

Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	667012		
137	11.4	8.8	13.2	
54	5.9	6.6	9.8#	
68	5.2	5.1	7.7	





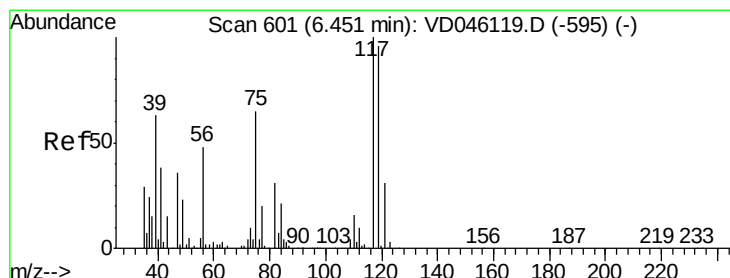
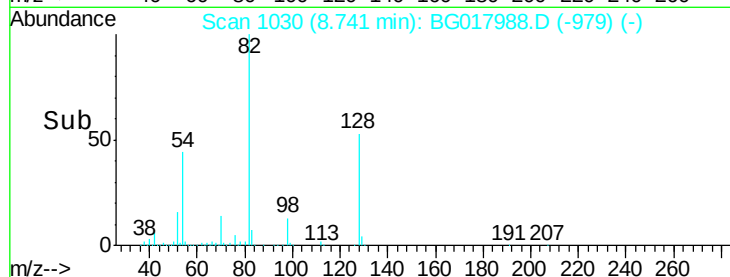
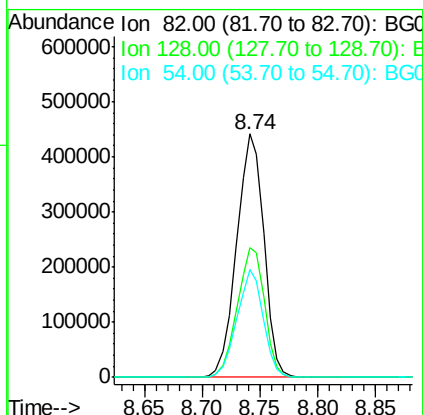
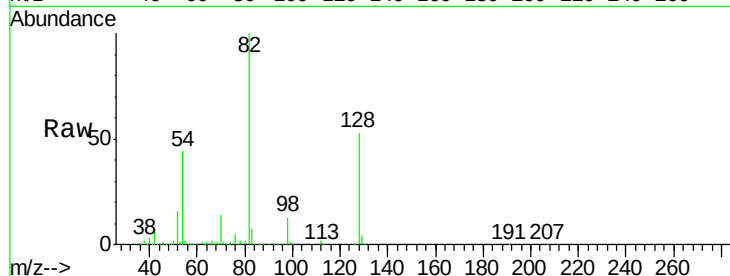
#23
Nitrobenzene-d5
Concen: Below ng
RT: 8.74 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-8(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	721164		
128	53.3	37.8	56.6	
54	44.2	39.9	59.9	

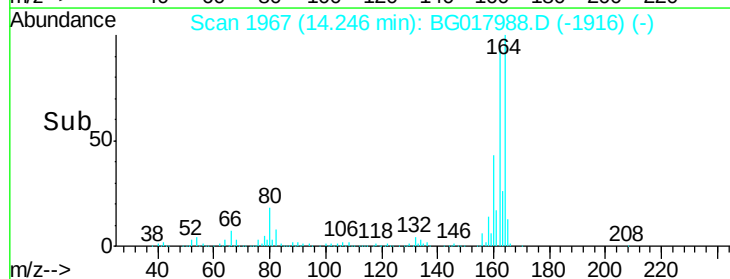
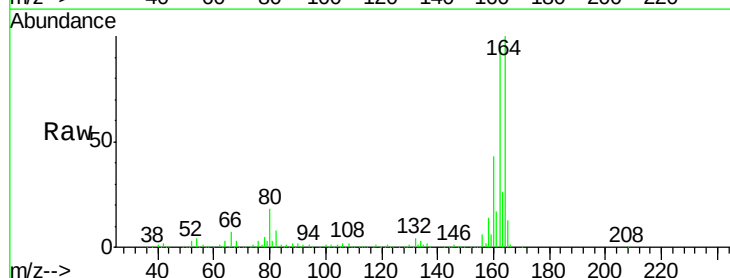
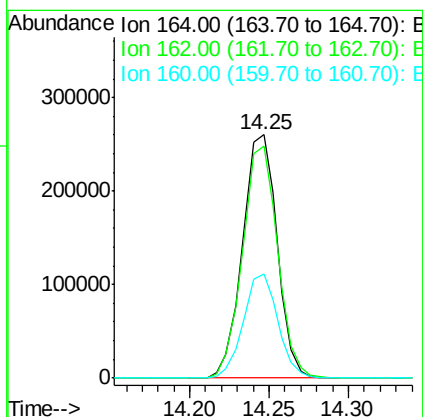
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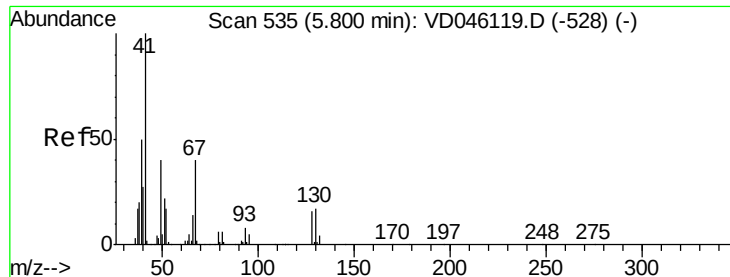
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	393913		
162	95.2	76.3	114.5	
160	42.5	33.7	50.5	





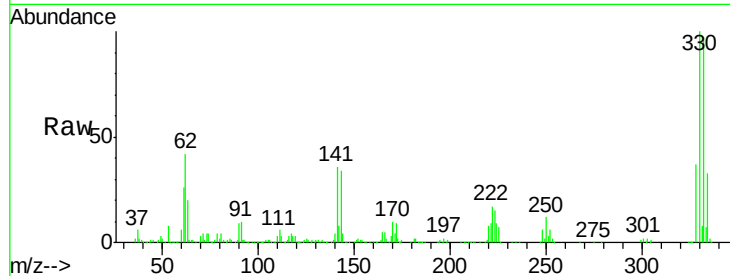
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 15.74 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BG017988.D
 Acq: 20 Jul 2015 14:40

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-8(0-2)

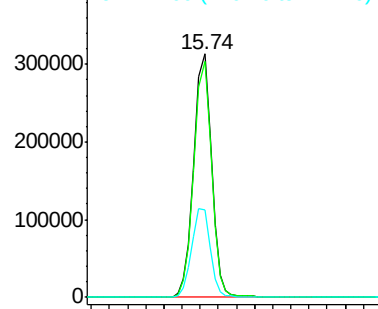
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	431946		
332	95.7	76.8	115.2	
141	37.8	38.0	57.0	

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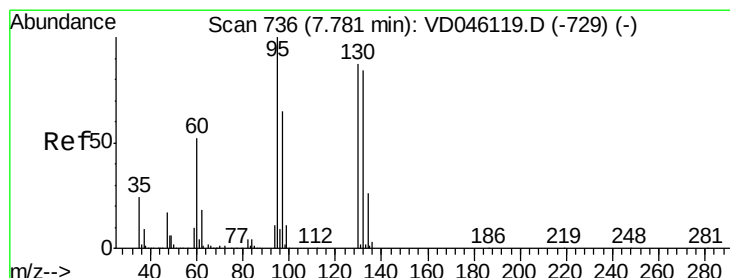
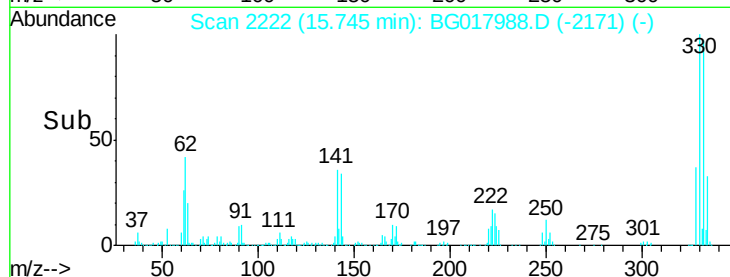
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Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

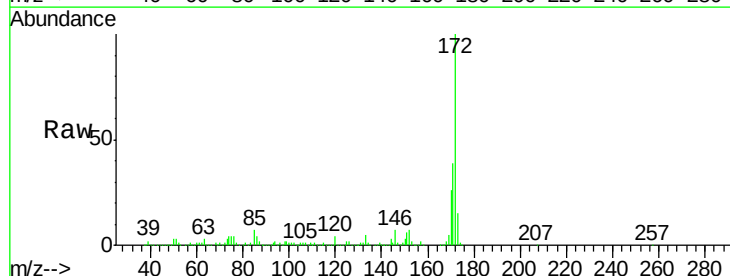


Time-->

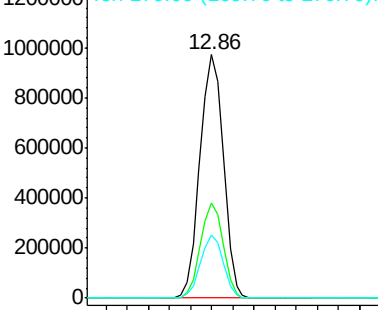


#44
 2-Fluorobiphenyl
 Concen: Below ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017988.D
 Acq: 20 Jul 2015 14:40

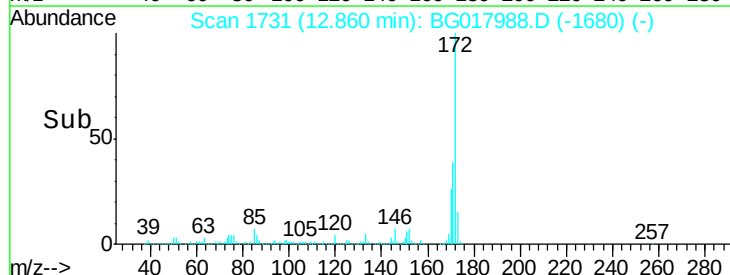
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1493266		
171	38.9	30.7	46.1	
170	25.8	19.7	29.5	

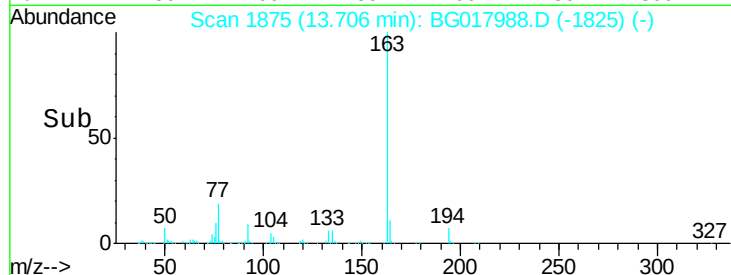
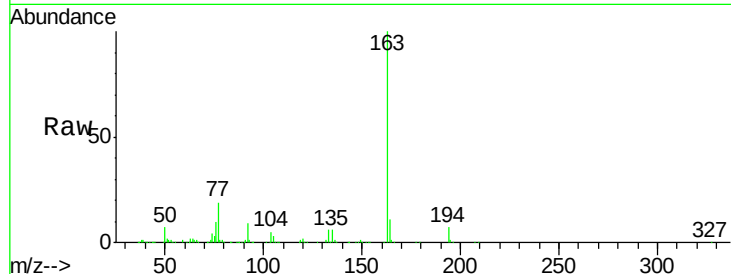
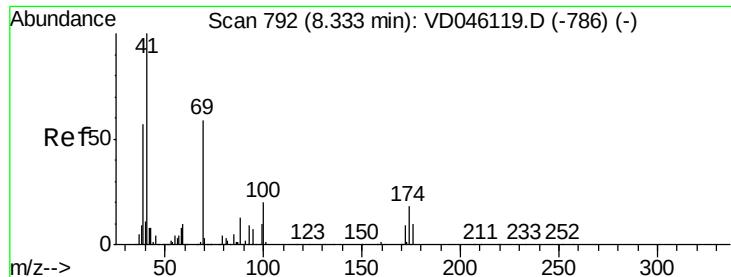


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->





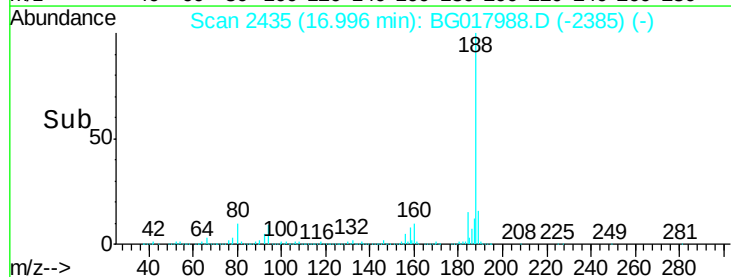
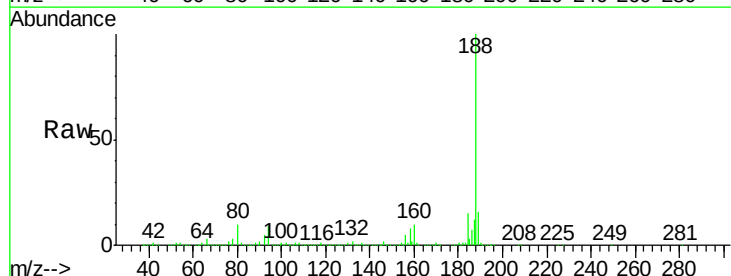
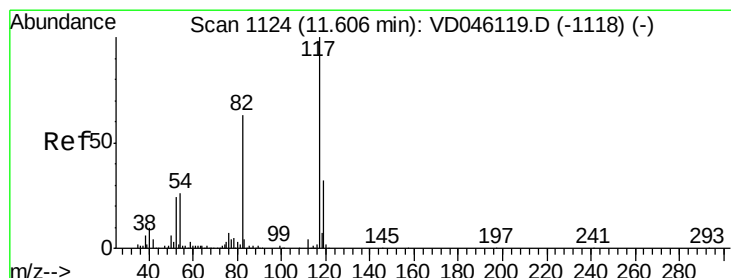
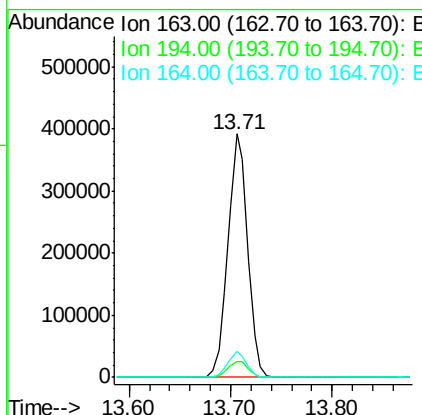
#49
Dimethylphthalate
Concen: 19.22 ng
RT: 13.71 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-8(0-2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	6.6	5.8	8.6
164	10.7	8.3	12.5

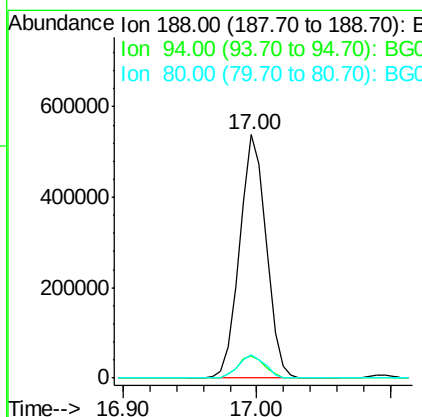
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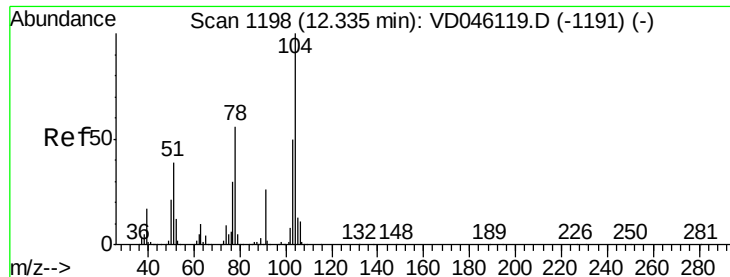
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.00 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.2	8.2	12.2
80	9.8	8.2	12.4





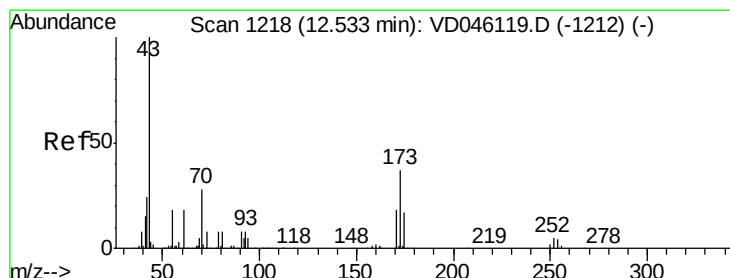
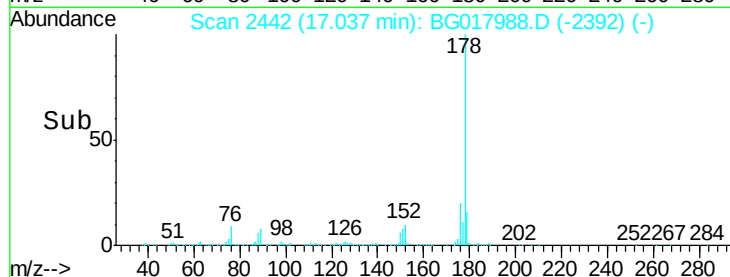
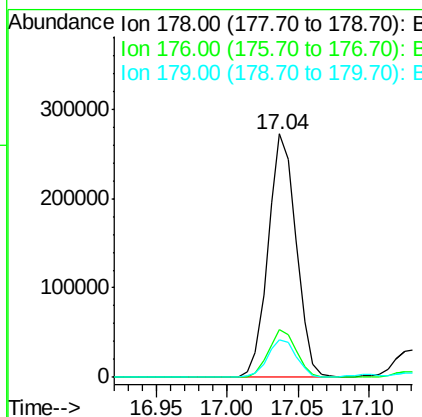
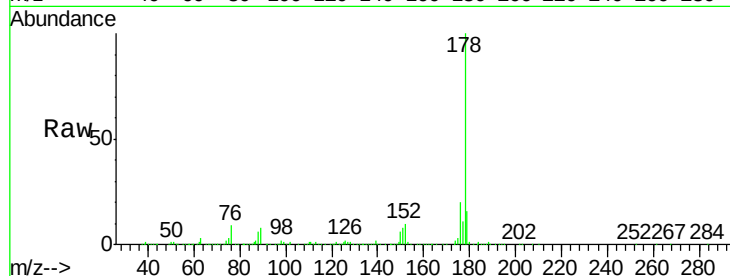
#70
Phenanthrene
Concen: 9.93 ng
RT: 17.04 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-8(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	379915		
176	19.5	16.5	24.7	
179	15.6	13.5	20.3	

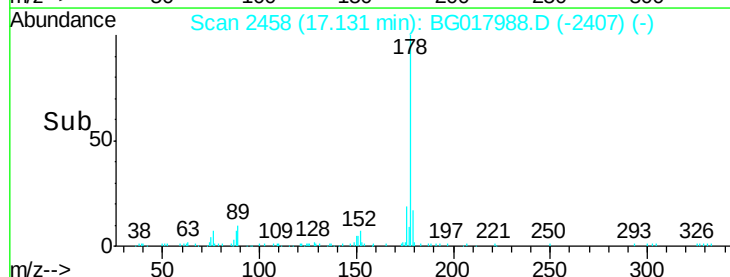
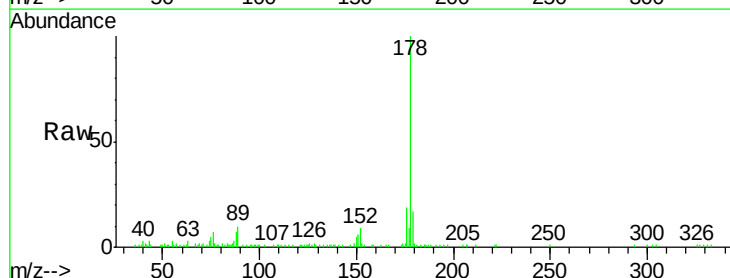
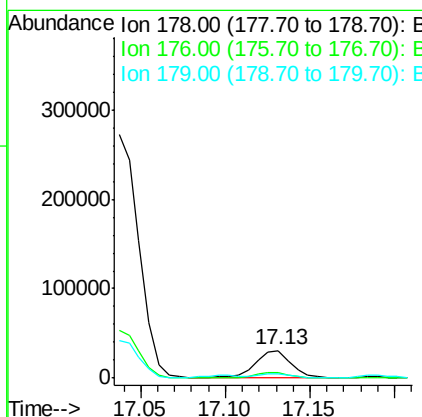
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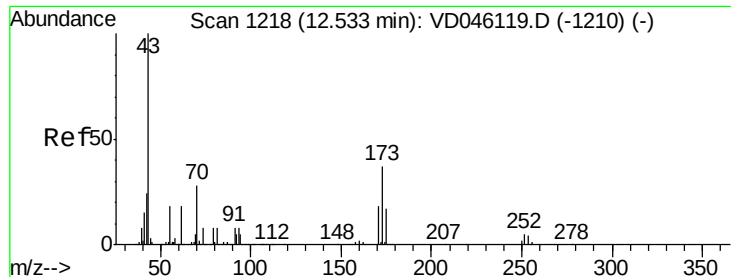
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#71
Anthracene
Concen: 1.21 ng
RT: 17.13 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	45052		
176	19.4	15.2	22.8	
179	17.0	13.6	20.4	





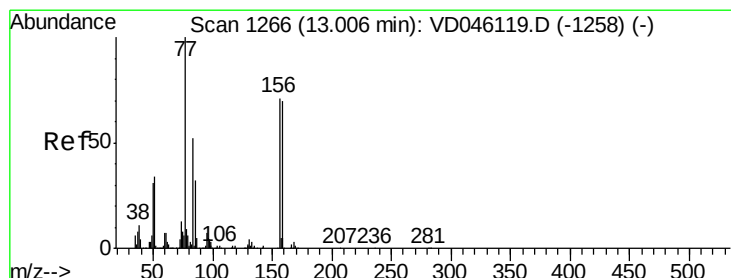
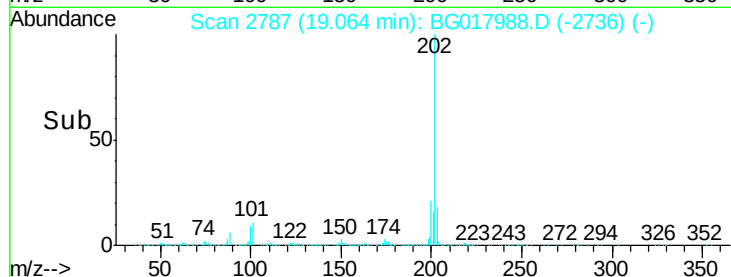
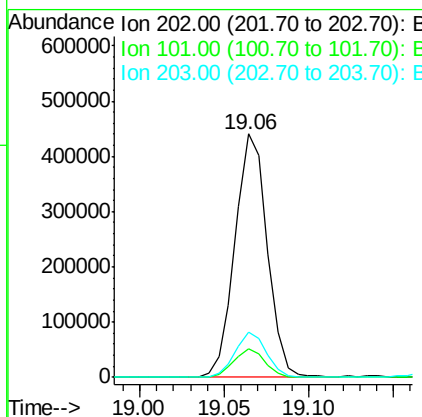
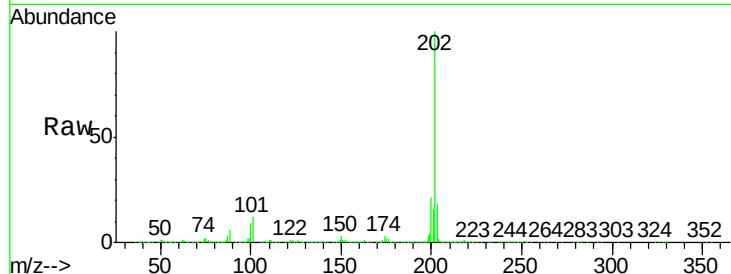
#74
 Fluoranthene
 Concen: 13.98 ng
 RT: 19.06 min Scan# 2787
 Delta R.T. 0.00 min
 Lab File: BG017988.D
 Acq: 20 Jul 2015 14:40

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-8(0-2)

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		585378		
101	11.5	0.0	33.3		
203	18.4	0.0	39.5		

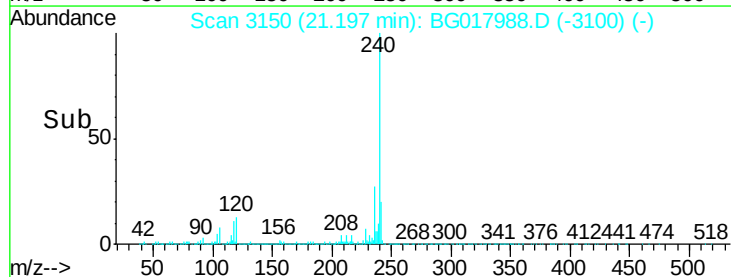
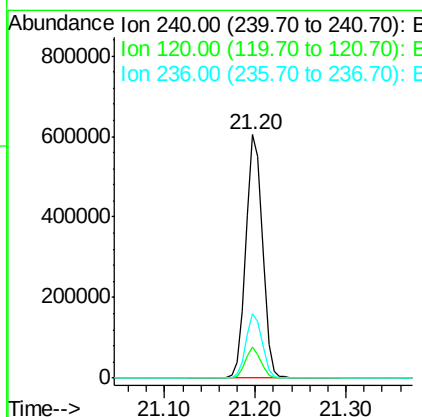
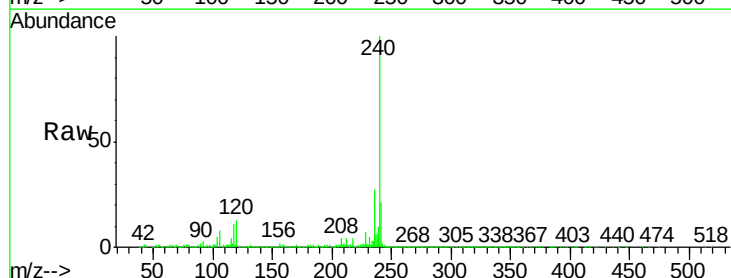
Manual Integrations
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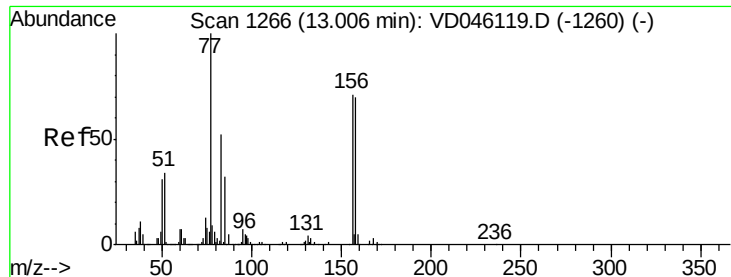
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.20 min Scan# 3150
 Delta R.T. -0.00 min
 Lab File: BG017988.D
 Acq: 20 Jul 2015 14:40

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		766068		
120	12.6	10.8	16.2		
236	26.6	20.0	30.0		





#77

Pyrene

Concen: 12.27 ng

RT: 19.43 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

Instrument :

BNA_G

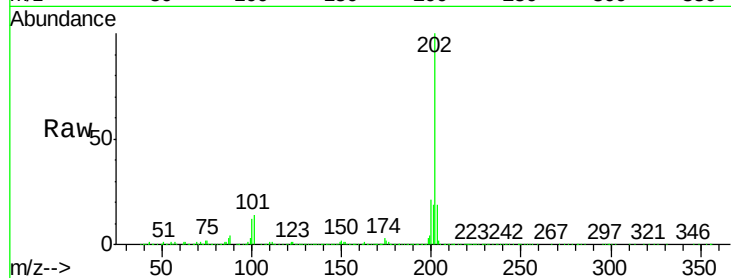
ClientSampleId :

BRIDGE14-8(0-2)

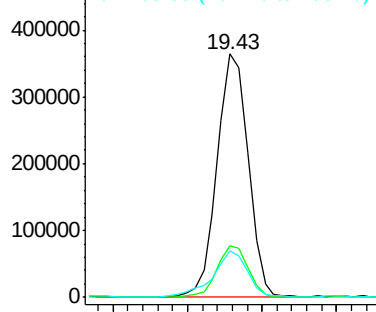
Tgt	Ion	202	Resp	524181
Ion	Ratio	Lower	Upper	
202	100			
200	21.3	18.8	28.2	
203	19.2	15.9	23.9	

Manual Integrations
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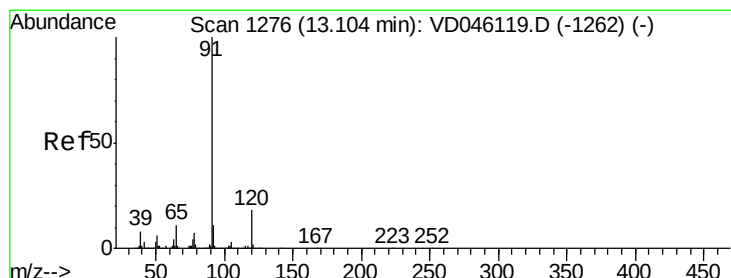
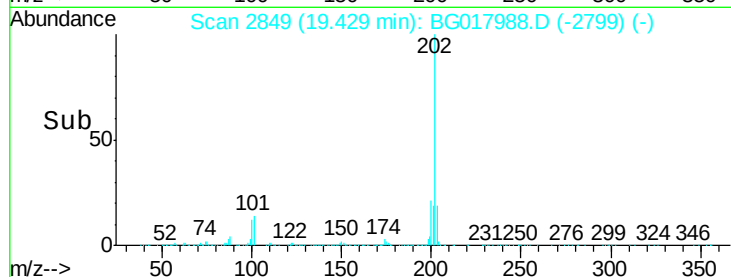
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 12.27 ng

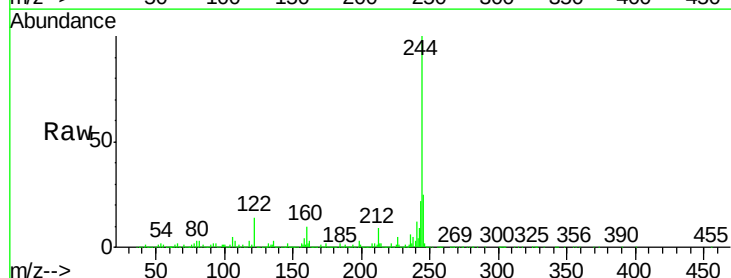
RT: 19.65 min Scan# 2886

Delta R.T. 0.00 min

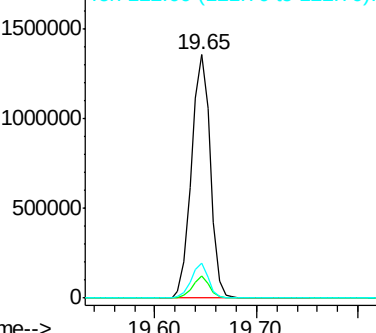
Lab File: BG017988.D

Acq: 20 Jul 2015 14:40

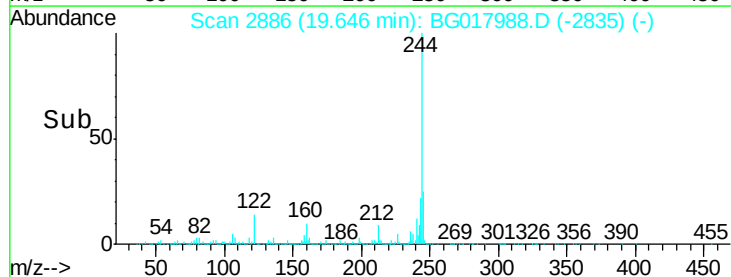
Tgt	Ion	244	Resp	1747742
Ion	Ratio	Lower	Upper	
244	100			
212	8.9	7.2	10.8	
122	14.1	12.8	19.2	

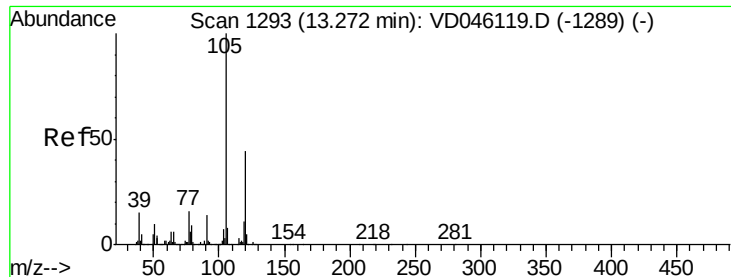


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





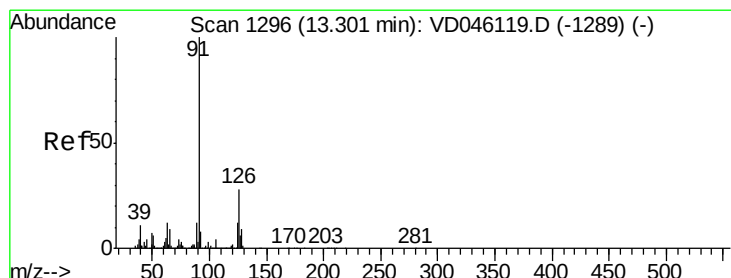
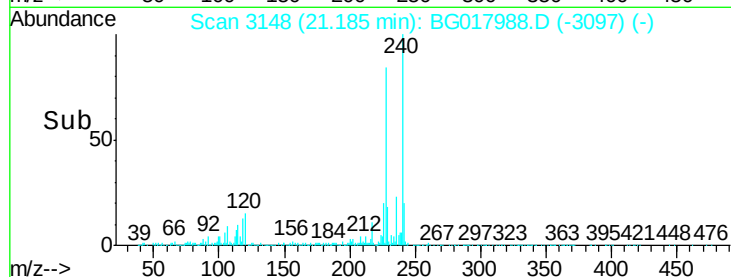
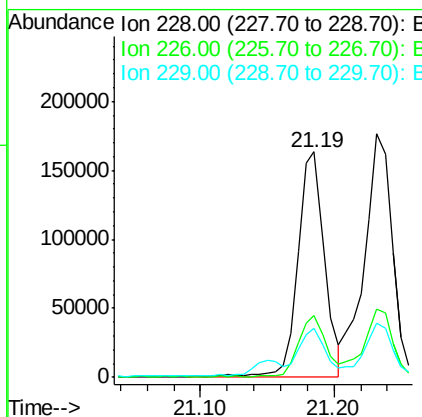
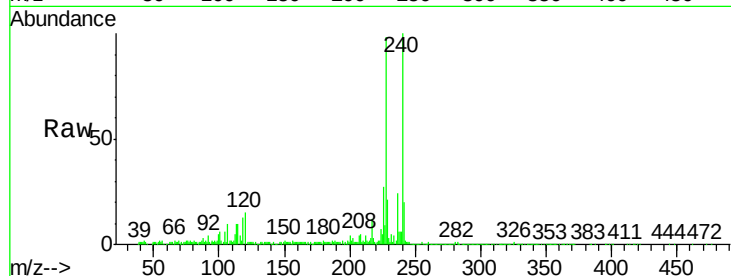
#80
Benzo(a)anthracene
Concen: 5.50 ng
RT: 21.19 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-8(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	222405		
226	27.6	23.1	34.7	
229	21.8	17.4	26.0	

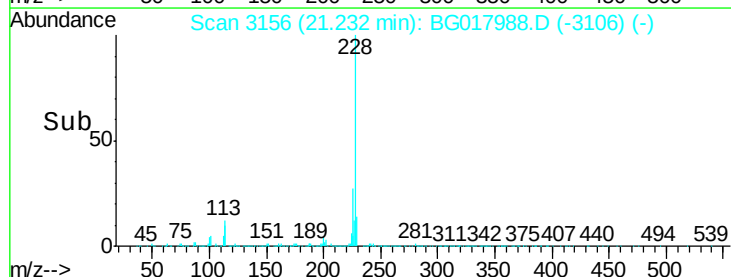
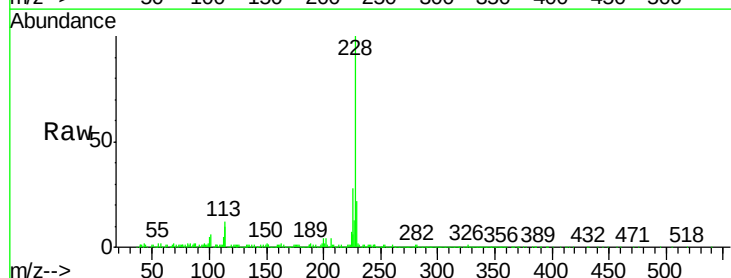
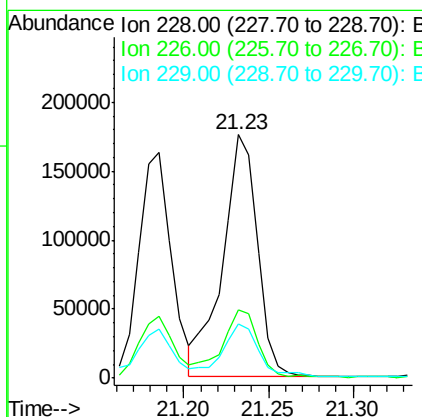
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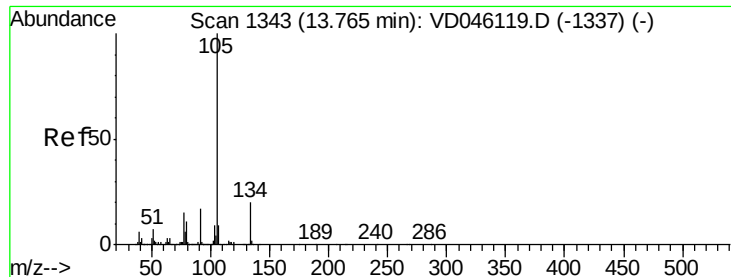
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#82
Chrysene
Concen: 6.52 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	251350		
226	28.0	26.1	39.1	
229	22.2	17.7	26.5	





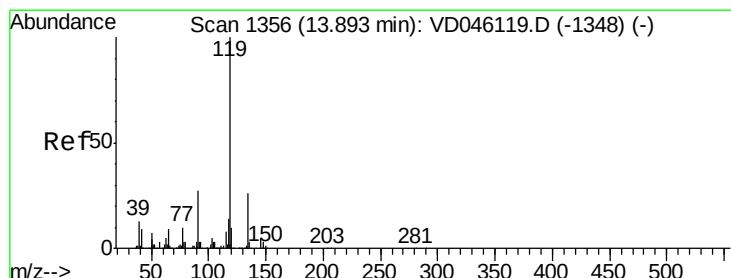
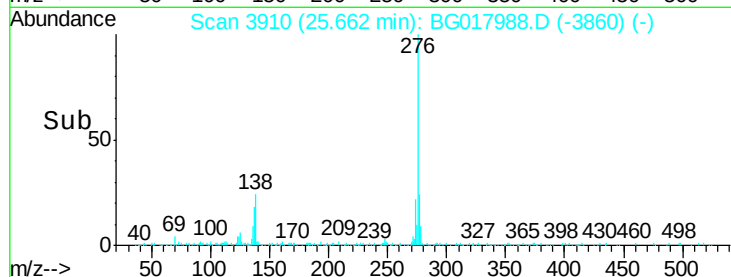
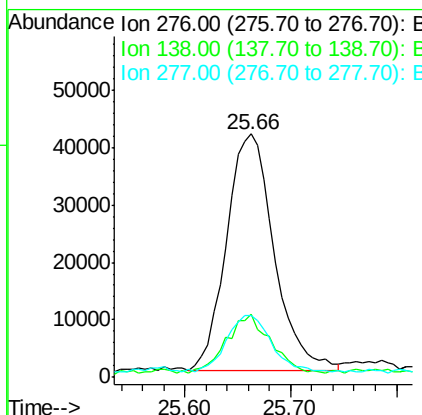
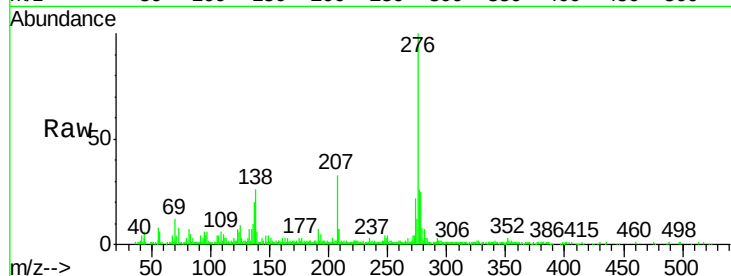
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.74 ng
 RT: 25.66 min Scan# 3910
 Delta R.T. -0.00 min
 Lab File: BG017988.D
 Acq: 20 Jul 2015 14:40

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-8(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	127563		
138	23.6	25.4	38.0#	
277	23.1	21.0	31.4	

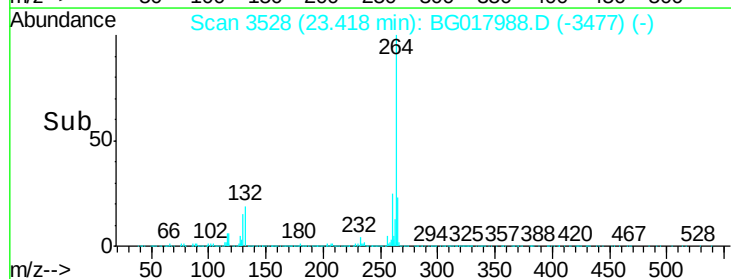
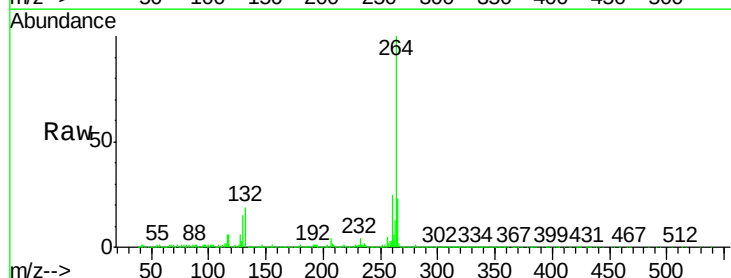
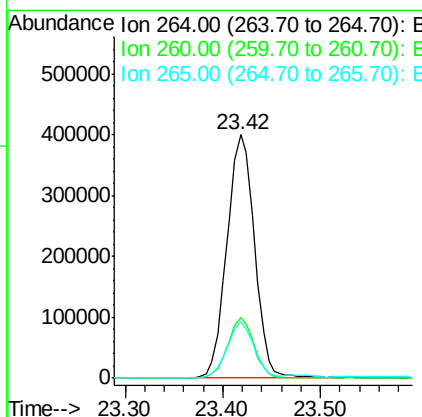
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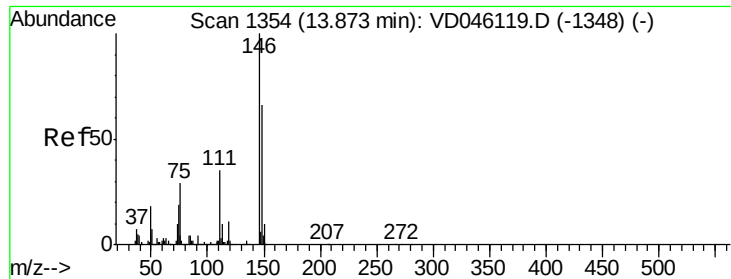
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.42 min Scan# 3528
 Delta R.T. 0.00 min
 Lab File: BG017988.D
 Acq: 20 Jul 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	781969		
260	24.7	18.6	27.8	
265	23.4	18.2	27.2	





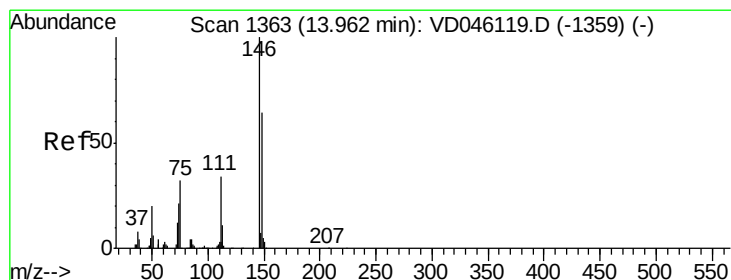
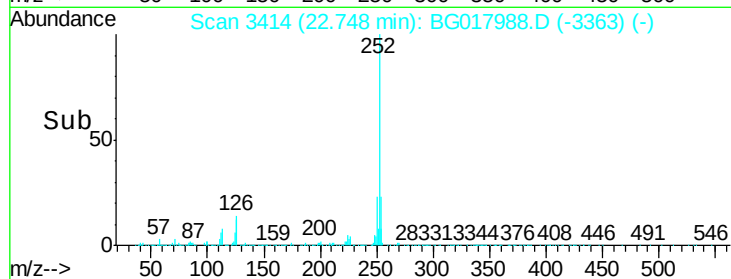
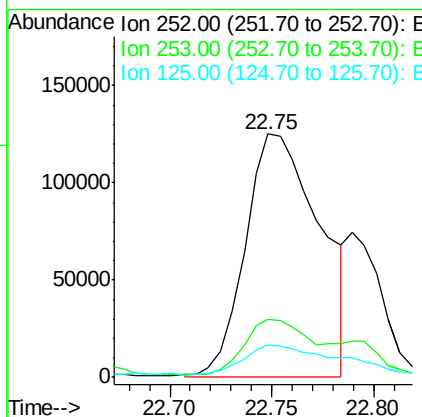
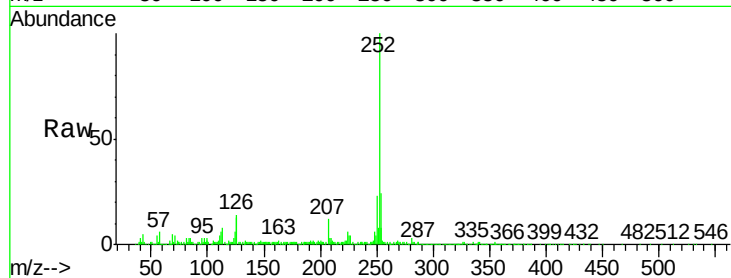
#87
Benzo(b)fluoranthene
Concen: 7.42 ng m
RT: 22.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-8(0-2)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.7	29.5
125	13.3	10.6	15.8

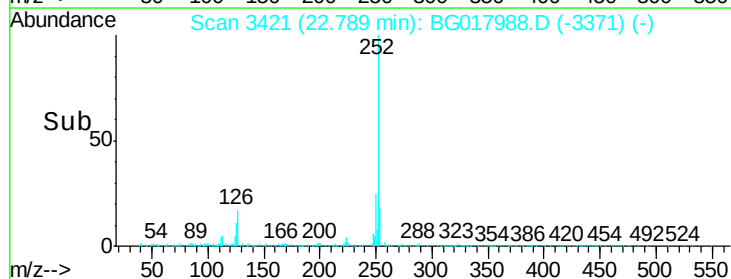
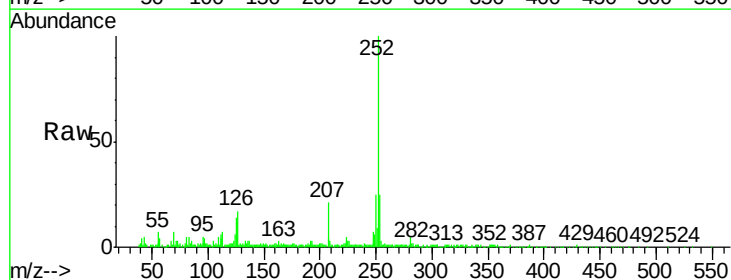
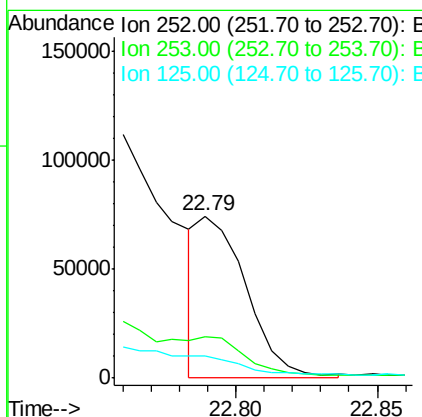
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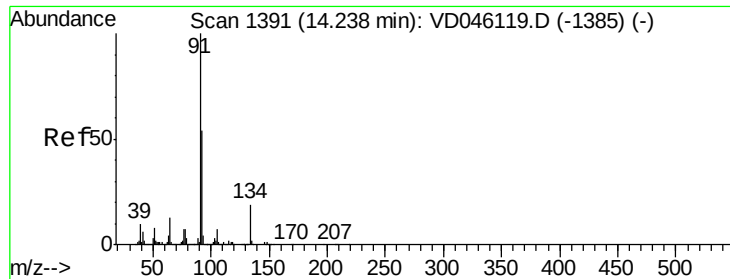
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#88
Benzo(k)fluoranthene
Concen: 2.06 ng m
RT: 22.79 min Scan# 3421
Delta R.T. -0.00 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.0	28.6
125	13.7	10.3	15.5





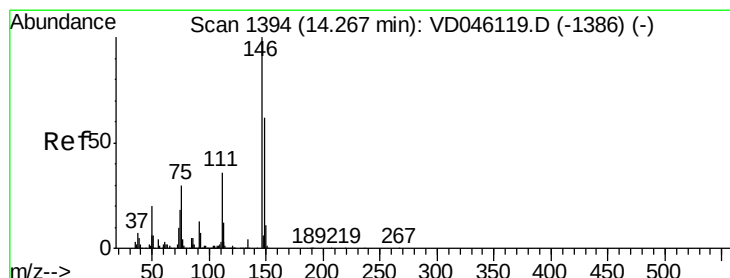
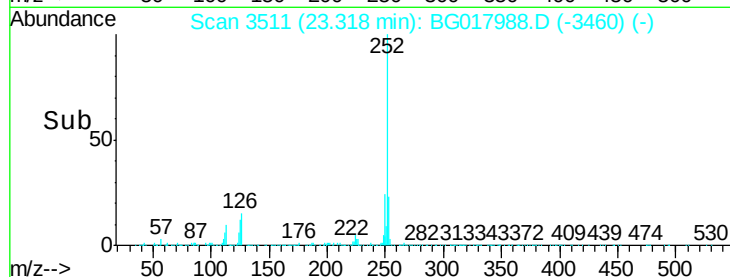
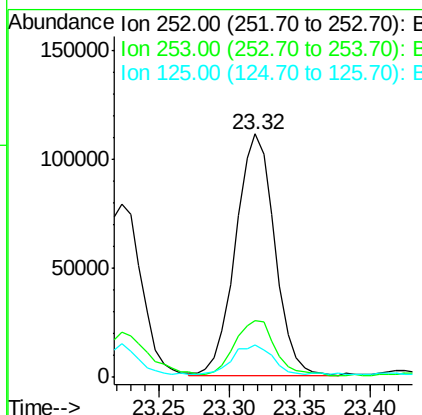
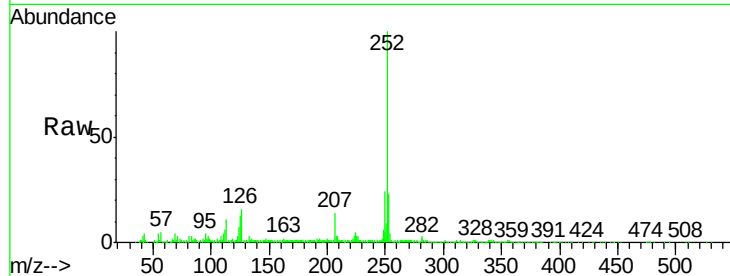
#89
Benzo(a)pyrene
Concen: 5.38 ng
RT: 23.32 min Scan# 3511
Delta R.T. 0.00 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-8(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	214599		
253	23.5	19.0	28.6	
125	13.3	11.1	16.7	

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.02 ng
RT: 26.36 min Scan# 4028
Delta R.T. 0.00 min
Lab File: BG017988.D
Acq: 20 Jul 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	120253		
277	24.4	18.9	28.3	
138	25.8	20.8	31.2	

