

Data Path : S:\HPCHEM1\BNA_G\DATA\BG072015\
 Data File : BG017990.D
 Acq On : 20 Jul 2015 15:52
 Operator : TP/UM
 Sample : G2975-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-3(0-2)

Manual Integrations
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apatel
 7/22/2015 9:43:51 AM

Quant Time: Jul 20 18:50:24 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	159313	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	690910	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	394896	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	760376	20.00	ng	0.00
75) Chrysene-d12	21.20	240	791675	20.00	ng	0.00
86) Perylene-d12	23.43	264	811832	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1080038	118.26	ng	0.01
7) Phenol-d6	6.78	99	1377434	115.13	ng	0.02
23) Nitrobenzene-d5	8.75	82	831393	77.94	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	538834	134.68	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1738520	76.29	ng	0.00
78) Terphenyl-d14	19.65	244	2009869	63.95	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.70	163	346205	12.62	ng	99
55) 4-Nitrophenol	14.64	139	6311	1.14	ng	# 9
59) Diethylphthalate	15.08	149	33558	1.18	ng	# 96
70) Phenanthrene	17.04	178	301373	7.68	ng	98
71) Anthracene	17.13	178	82306	2.16	ng	97
74) Fluoranthene	19.07	202	484881	11.29	ng	96
77) Pyrene	19.43	202	387790	8.78	ng	97
79) Butylbenzylphthalate	20.35	149	461032	23.31	ng	90
80) Benzo(a)anthracene	21.18	228	207584	4.96	ng	97
82) Chrysene	21.24	228	184809	4.64	ng	95
85) Indeno(1,2,3-cd)pyrene	25.67	276	96051	1.99	ng	# 86
87) Benzo(b)fluoranthene	22.76	252	254794m	5.74	ng	
89) Benzo(a)pyrene	23.32	252	172125	4.16	ng	96
91) Benzo(g,h,i)perylene	26.36	276	90432	2.19	ng	98

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

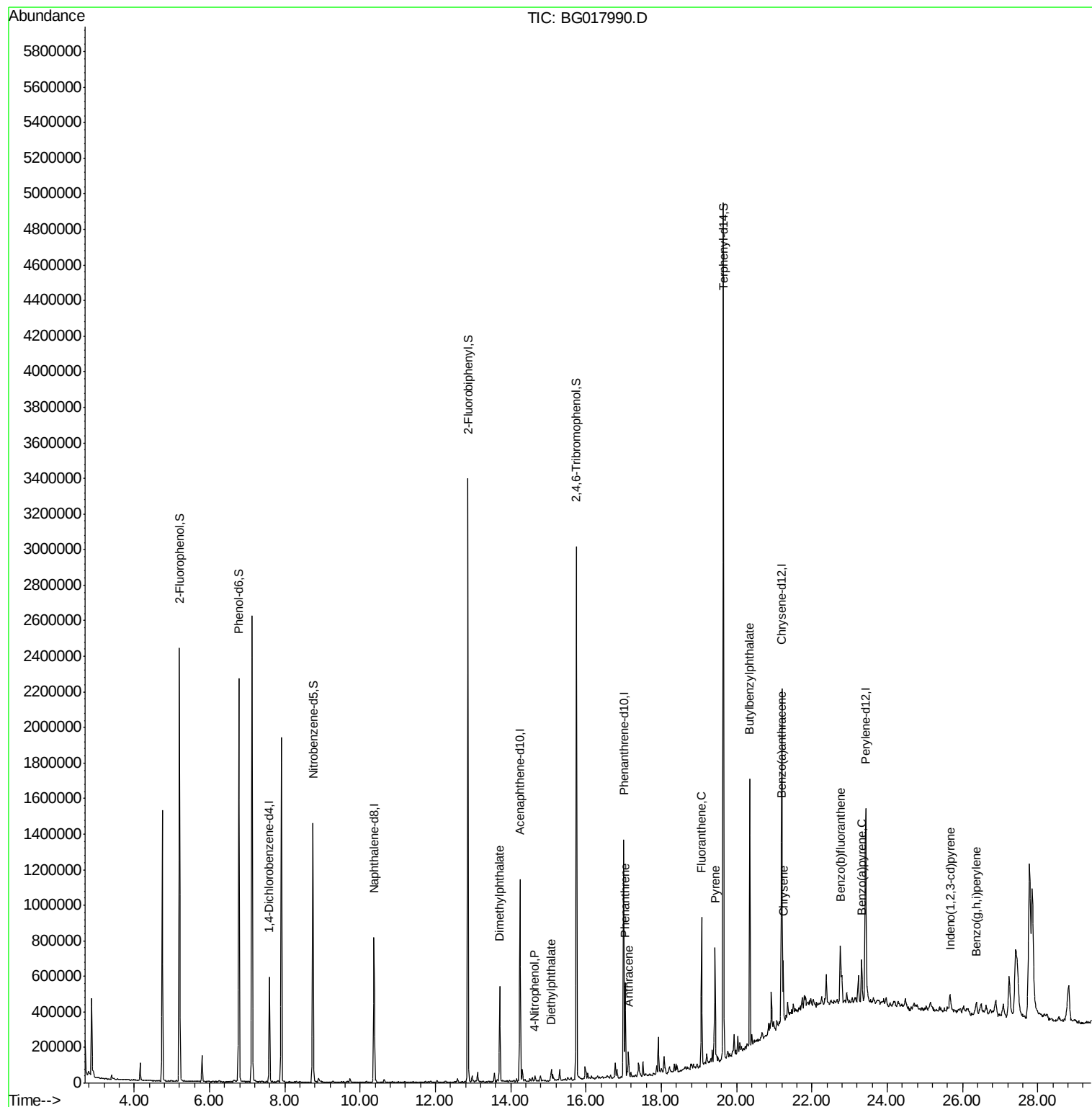
Data Path : S:\HPCHEM1\BNA_G\DATA\BG072015\
Data File : BG017990.D
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ALS Vial : 10 Sample Multiplier: 1

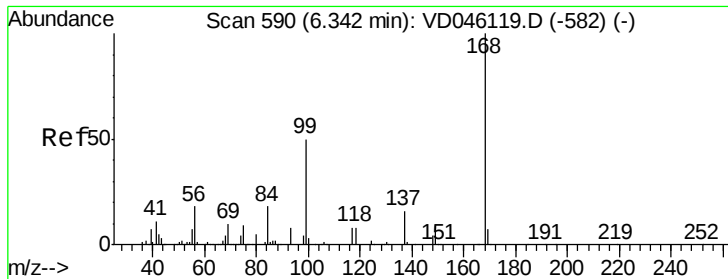
Instrument :
BNA_G
ClientSampled :
BRIDGE14-3(0-2)

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Quant Time: Jul 20 18:50:24 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

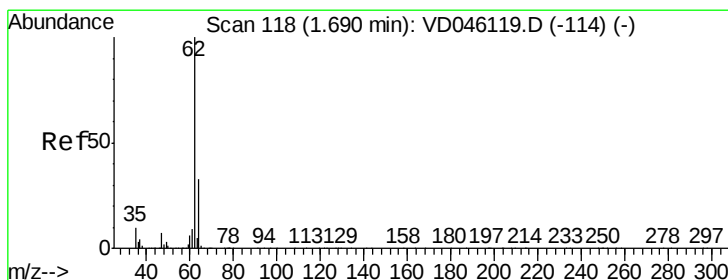
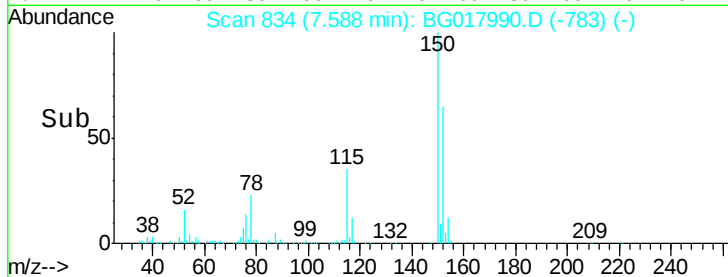
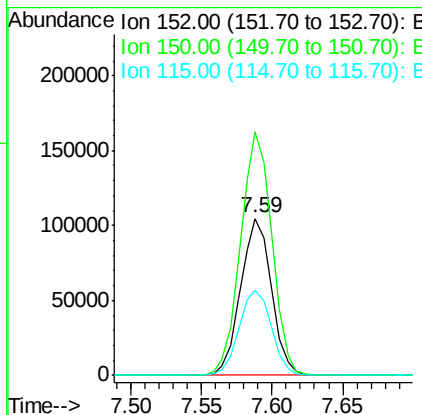
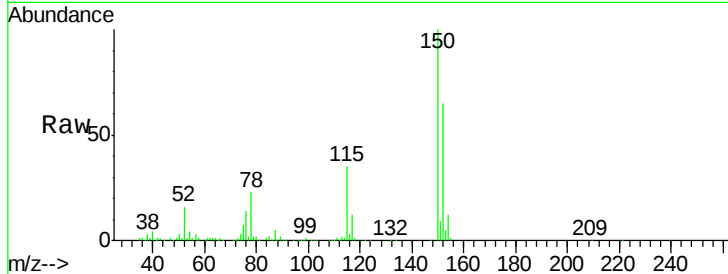
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG017990.D
Acq: 20 Jul 2015 15:52

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-3(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	159313		
150	154.9	119.1	178.7	
115	53.8	47.0	70.4	

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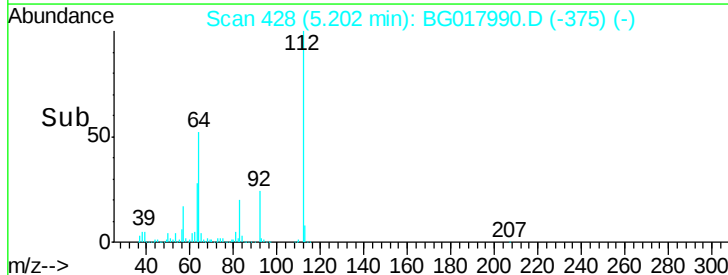
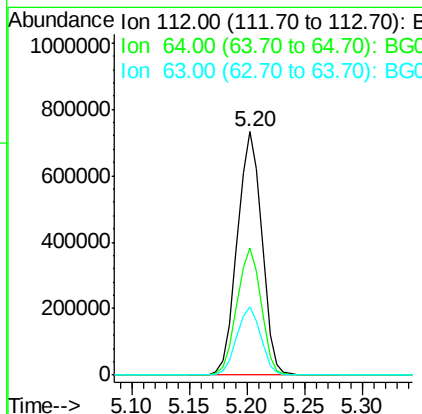
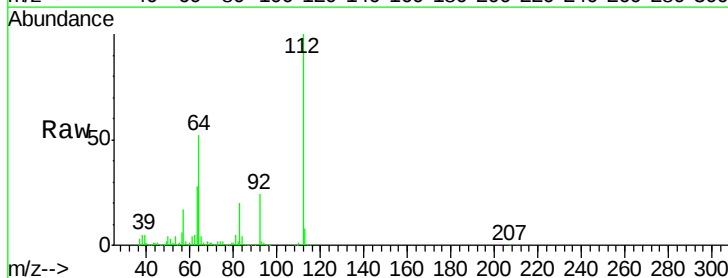
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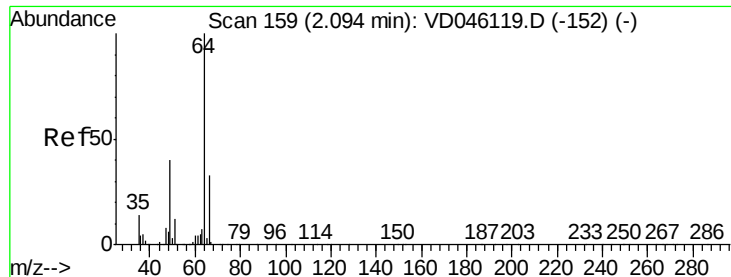


#5

2-Fluorophenol
Concen: Below ng
RT: 5.20 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG017990.D
Acq: 20 Jul 2015 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1080038		
64	52.4	45.4	68.0	
63	28.2	25.3	37.9	





#7

Phenol-d6

Concen: Below ng

RT: 6.78 min Scan# 697

Delta R.T. 0.02 min

Lab File: BG017990.D

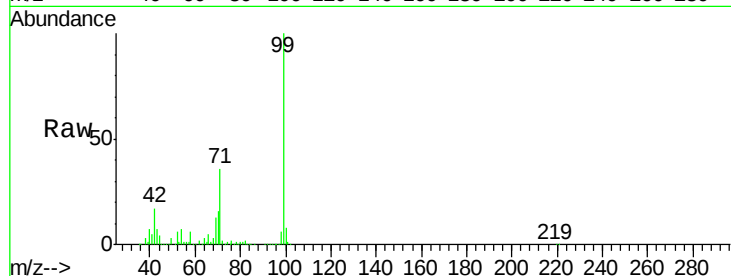
Acq: 20 Jul 2015 15:52

Instrument :

BNA_G

ClientSampleId :

BRIDGE14-3(0-2)



Tgt Ion: 99 Resp: 1377434

Ion Ratio Lower Upper

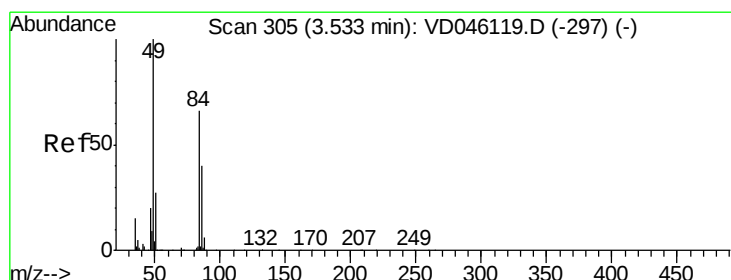
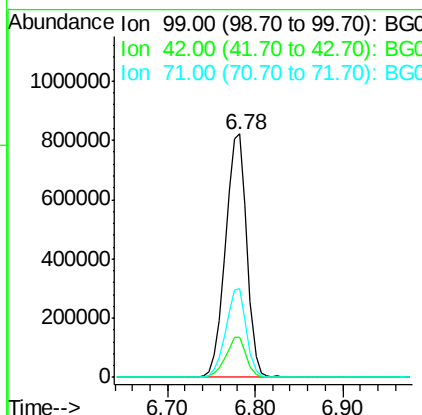
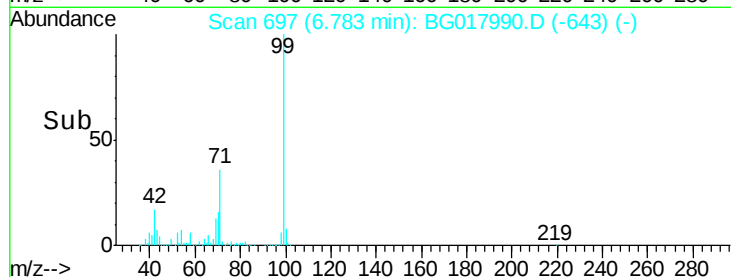
99 100

42 16.7 16.2 24.4

71 36.4 29.5 44.3

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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: BG017990.D

Acq: 20 Jul 2015 15:52

Tgt Ion: 136 Resp: 690910

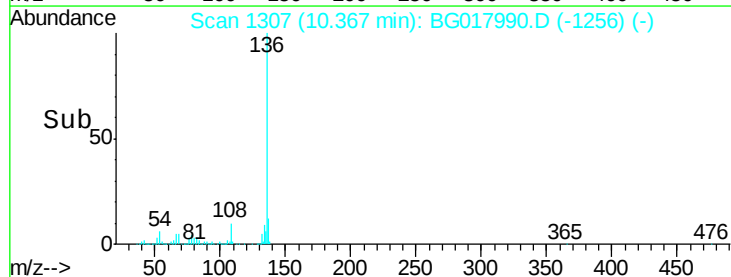
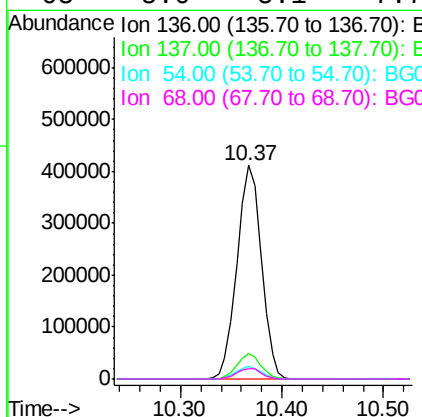
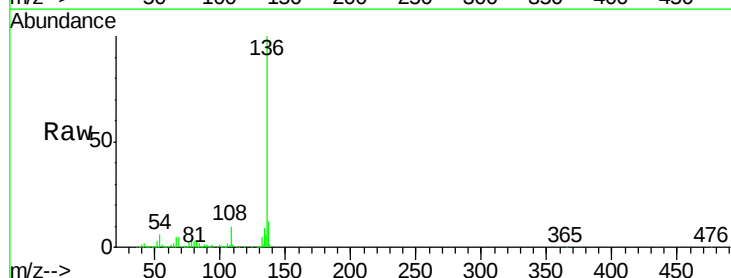
Ion Ratio Lower Upper

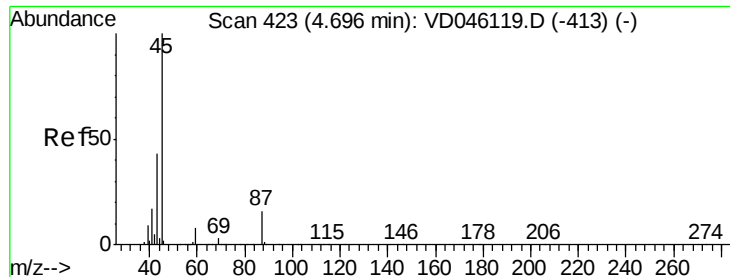
136 100

137 11.8 8.8 13.2

54 6.1 6.6 9.8#

68 5.0 5.1 7.7#





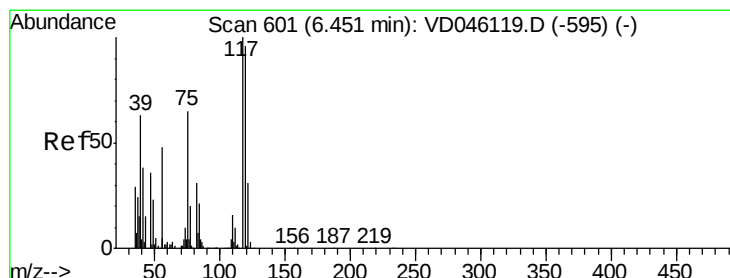
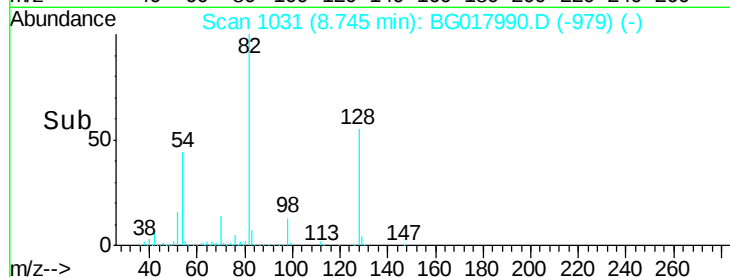
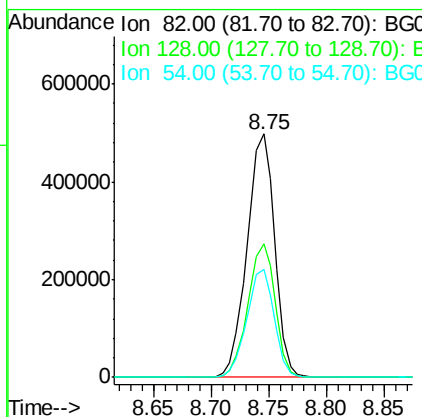
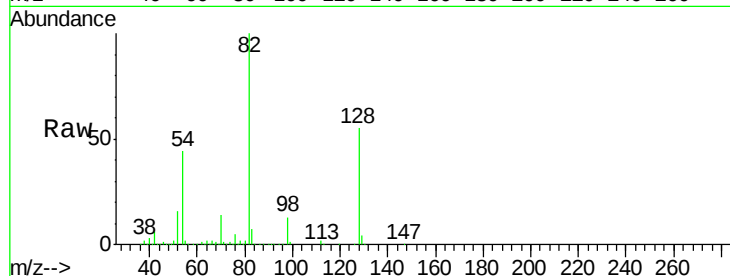
#23
 Nitrobenzene-d5
 Concen: Below ng
 RT: 8.75 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BG017990.D
 Acq: 20 Jul 2015 15:52

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-3(0-2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	54.8	37.8	56.6
54	44.1	39.9	59.9

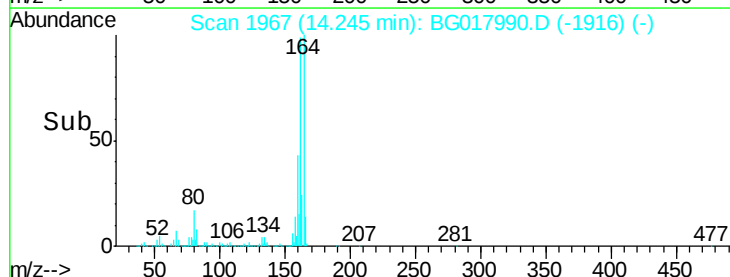
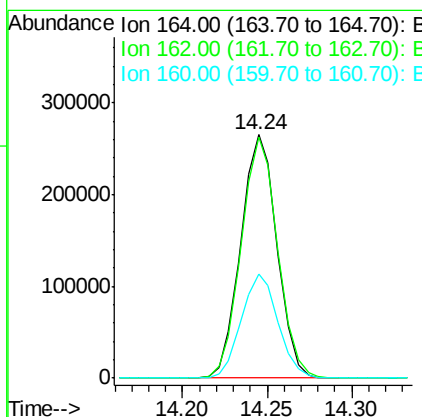
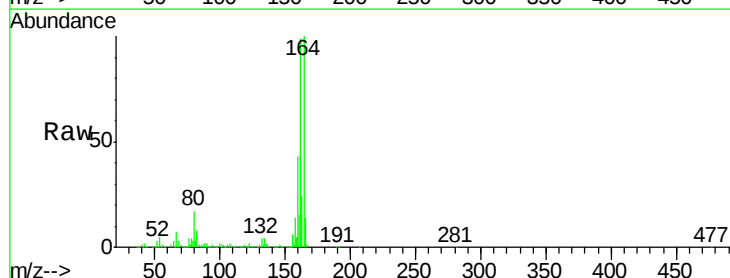
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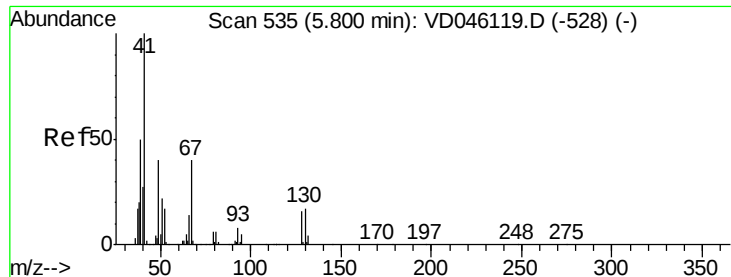
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG017990.D
 Acq: 20 Jul 2015 15:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	99.2	76.3	114.5
160	42.7	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: BG017990.D

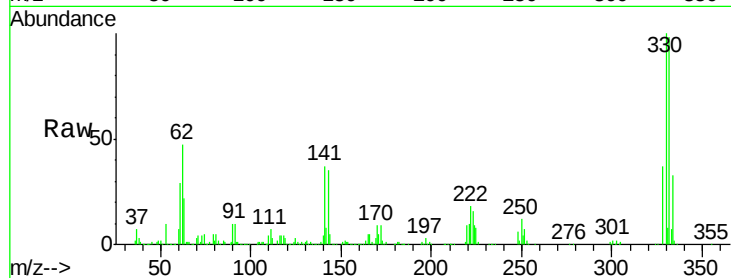
Acq: 20 Jul 2015 15:52

Instrument :

BNA_G

ClientSampleId :

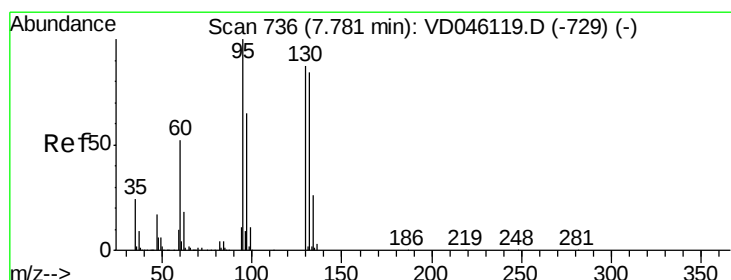
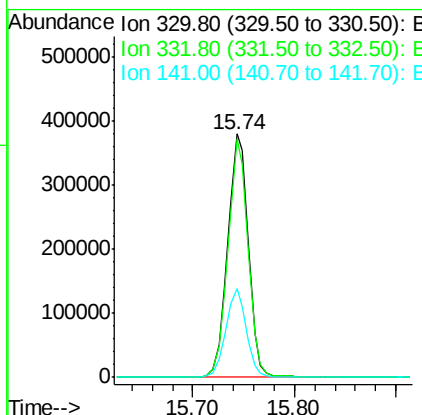
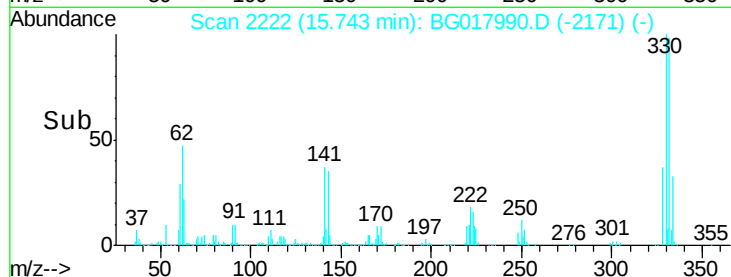
BRIDGE14-3(0-2)



Tgt Ion:	330	Resp:	538834
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.8	115.2
141	36.3	38.0	57.0#

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#44

2-Fluorobiphenyl

Concen: N.D. ng

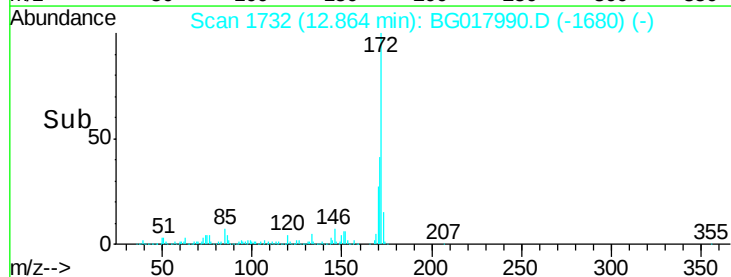
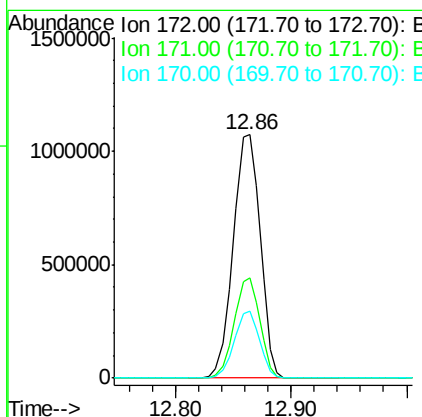
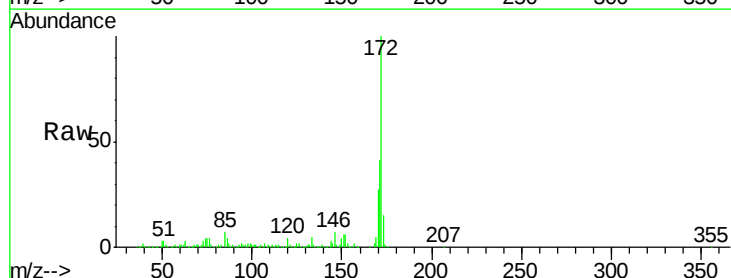
RT: 12.86 min Scan# 1732

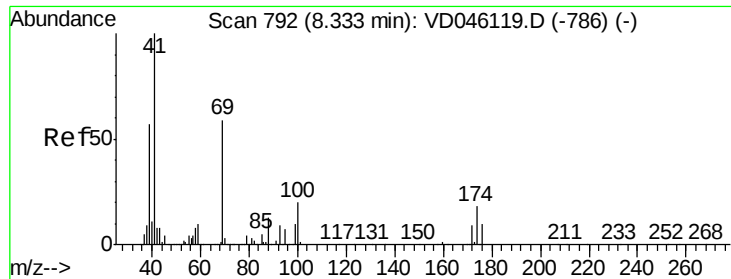
Delta R.T. 0.01 min

Lab File: BG017990.D

Acq: 20 Jul 2015 15:52

Tgt Ion:	172	Resp:	1738520
Ion Ratio	Lower	Upper	
172	100		
171	41.1	30.7	46.1
170	27.4	19.7	29.5





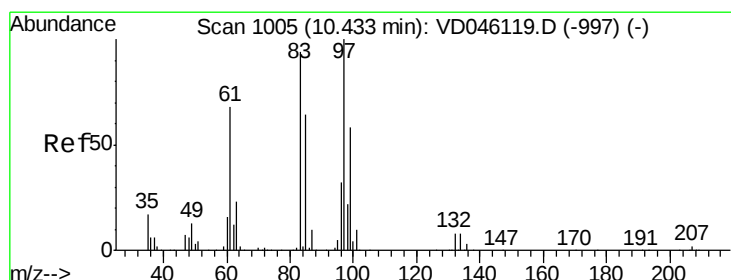
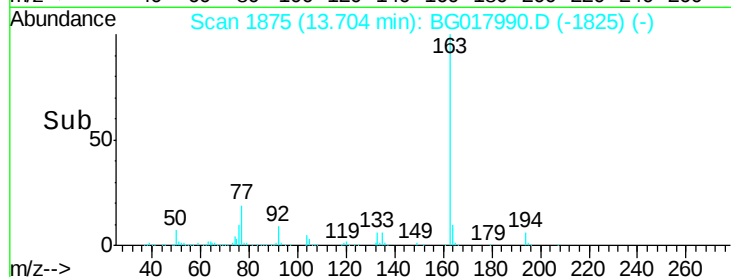
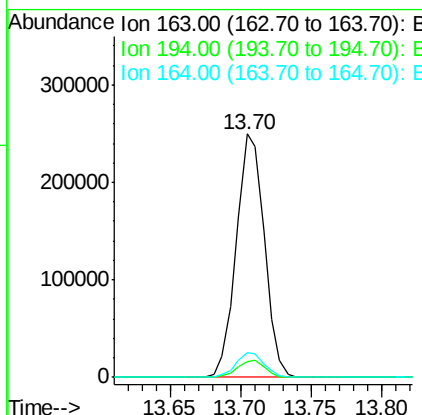
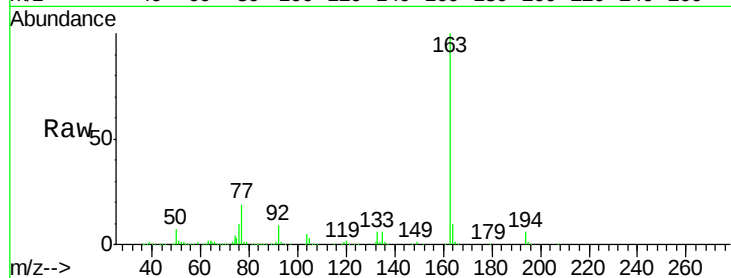
#49
Dimethylphthalate
Concen: 12.62 ng
RT: 13.70 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG017990.D
Acq: 20 Jul 2015 15:52

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-3(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	346205		
194	6.4	5.8	8.6	
164	10.1	8.3	12.5	

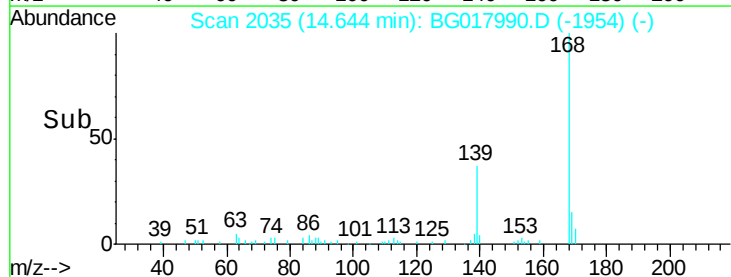
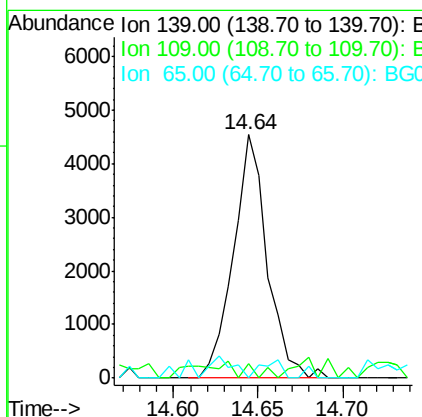
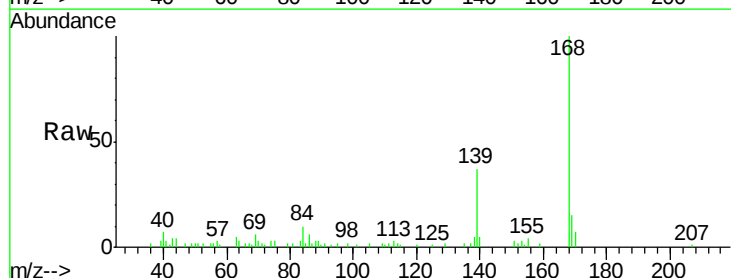
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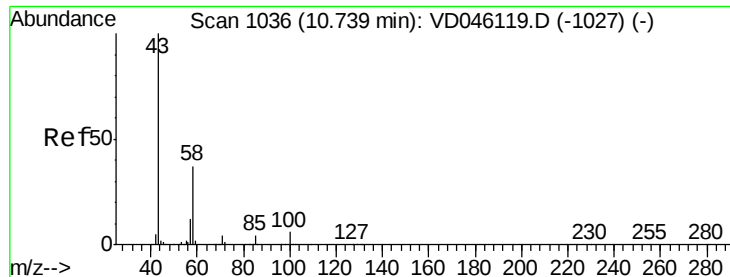
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#55
4-Nitrophenol
Concen: 1.14 ng
RT: 14.64 min Scan# 2035
Delta R.T. 0.18 min
Lab File: BG017990.D
Acq: 20 Jul 2015 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	6311		
109	6.0	50.3	90.3#	
65	0.0	78.8	118.8#	





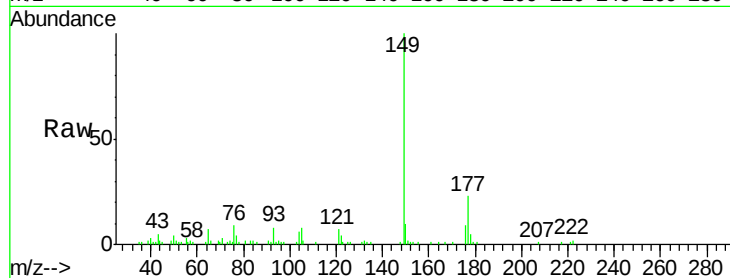
#59
Diethylphthalate
Concen: 1.18 ng
RT: 15.08 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG017990.D
Acq: 20 Jul 2015 15:52

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-3(0-2)

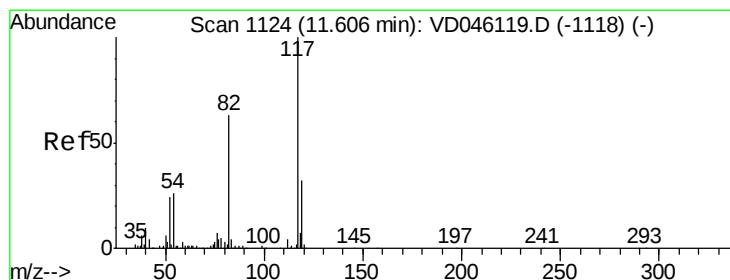
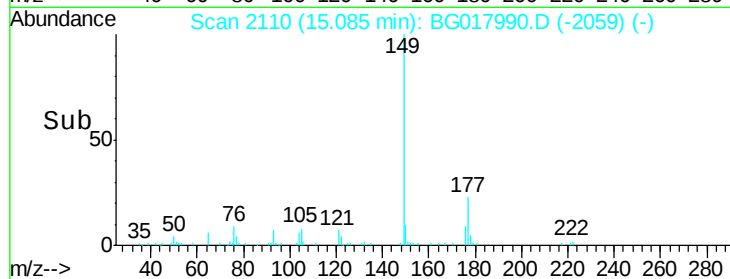
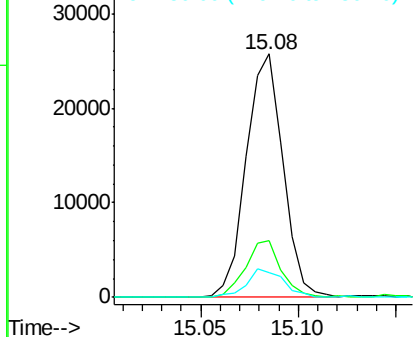
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	23.1	19.1	28.7
150	9.9	10.3	15.5

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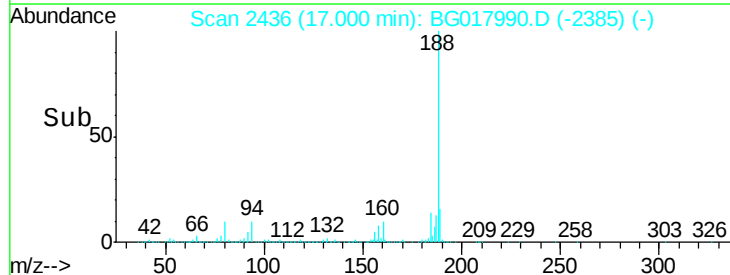
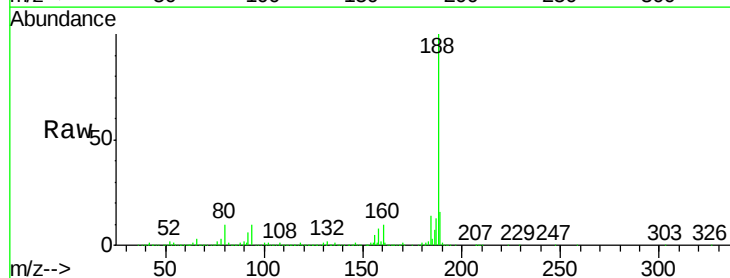
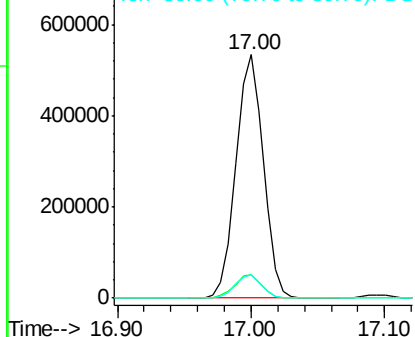
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

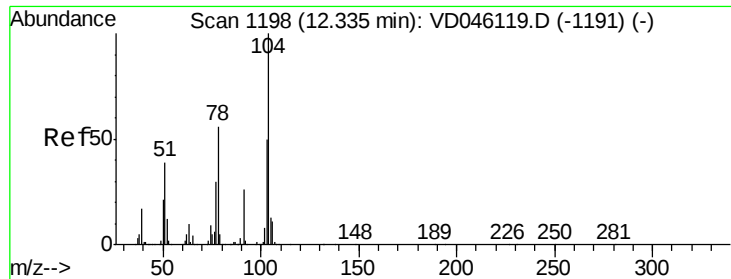


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.00 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG017990.D
Acq: 20 Jul 2015 15:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	8.2	12.2
80	9.8	8.2	12.4

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





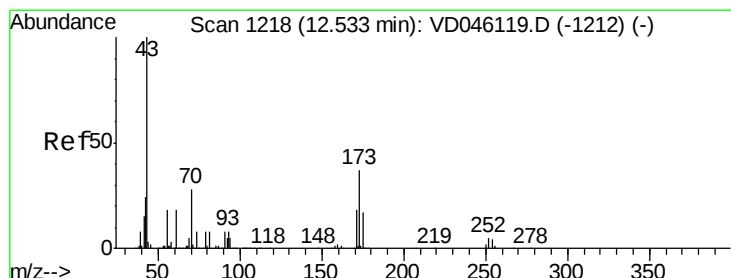
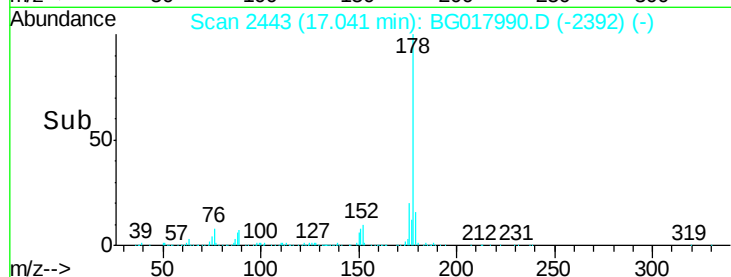
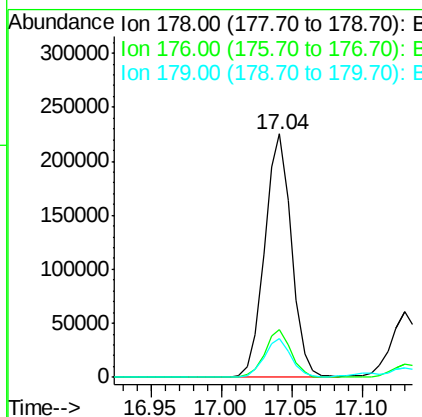
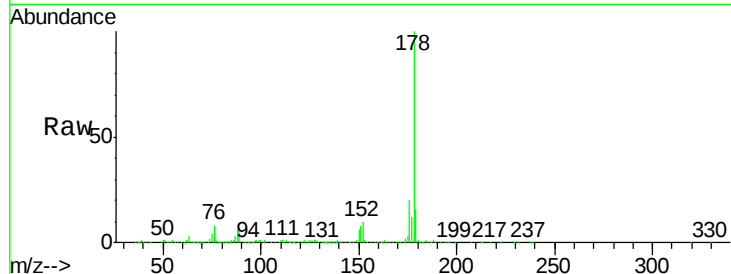
#70
Phenanthrene
Concen: 7.68 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG017990.D
Acq: 20 Jul 2015 15:52

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-3(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	301373		
176	19.8	16.5	24.7	
179	15.9	13.5	20.3	

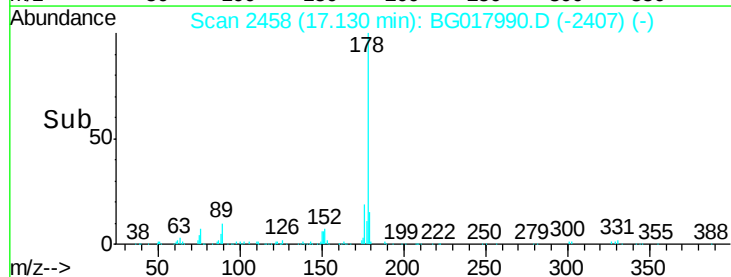
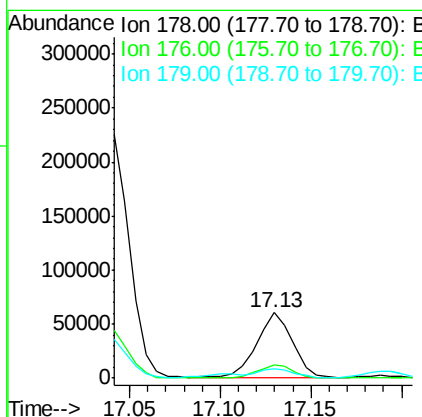
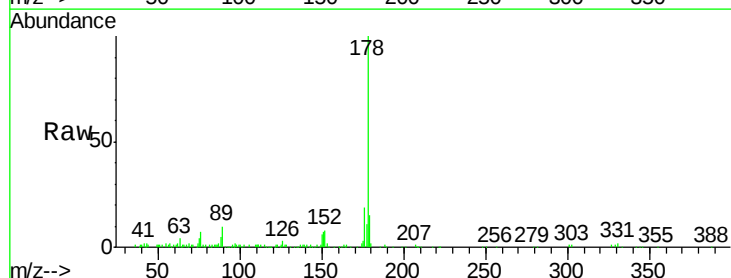
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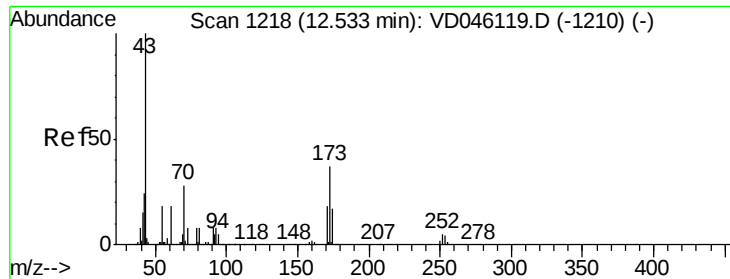
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#71
Anthracene
Concen: 2.16 ng
RT: 17.13 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG017990.D
Acq: 20 Jul 2015 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	82306		
176	19.4	15.2	22.8	
179	14.8	13.6	20.4	





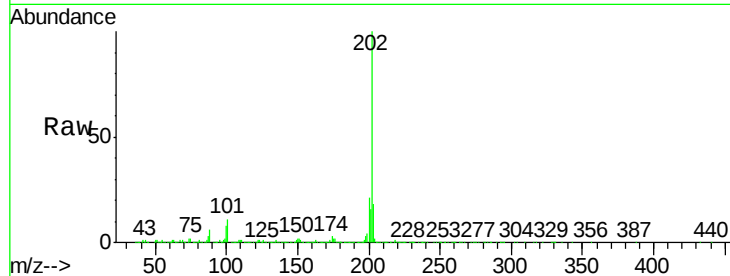
#74
 Fluoranthene
 Concen: 11.29 ng
 RT: 19.07 min Scan# 2788
 Delta R.T. 0.01 min
 Lab File: BG017990.D
 Acq: 20 Jul 2015 15:52

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-3(0-2)

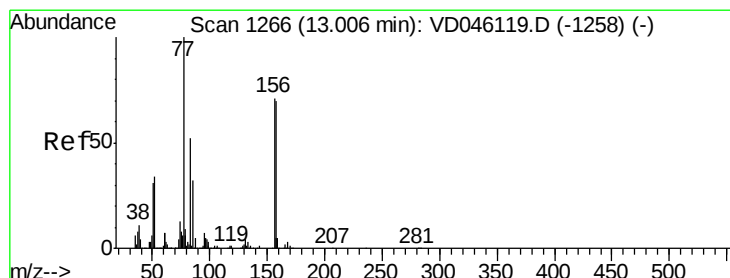
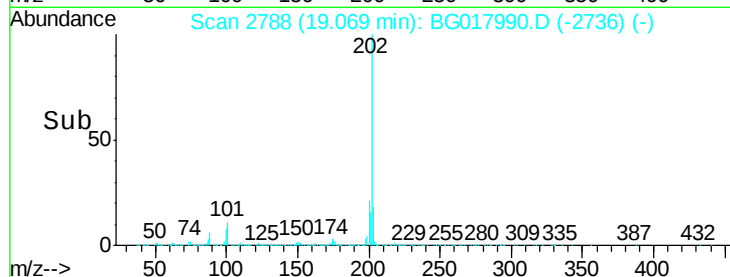
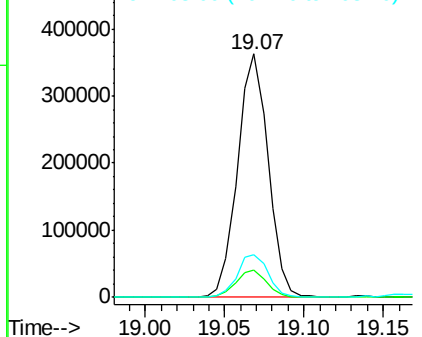
Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	0.0	33.3
203	17.8	0.0	39.5

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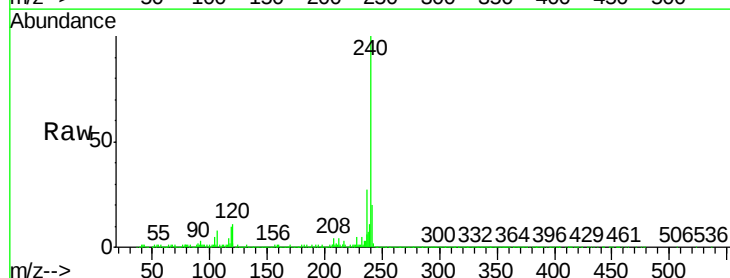


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

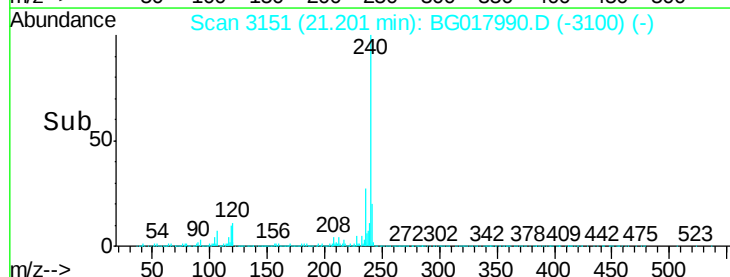
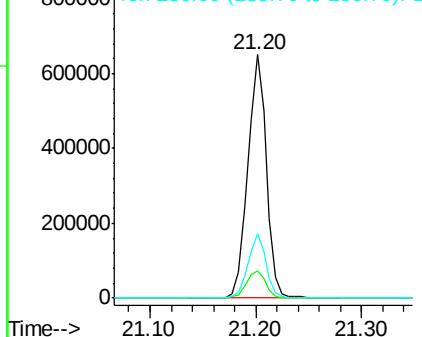


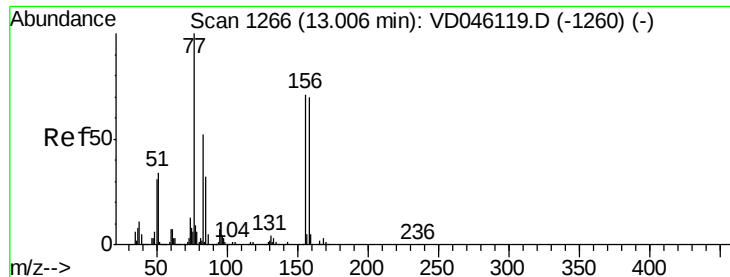
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.20 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG017990.D
 Acq: 20 Jul 2015 15:52

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.0	10.8	16.2
236	26.7	20.0	30.0



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





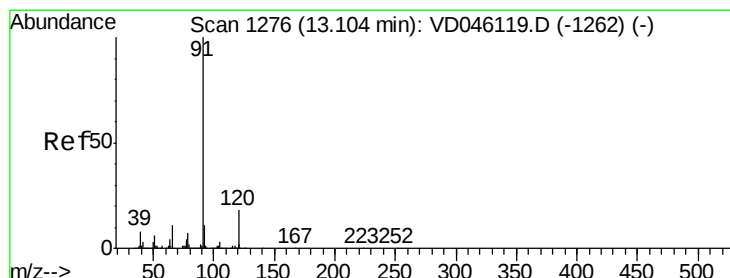
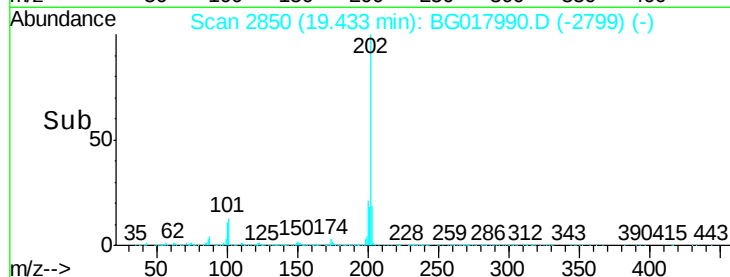
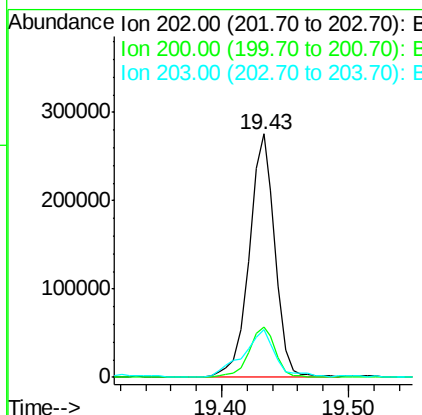
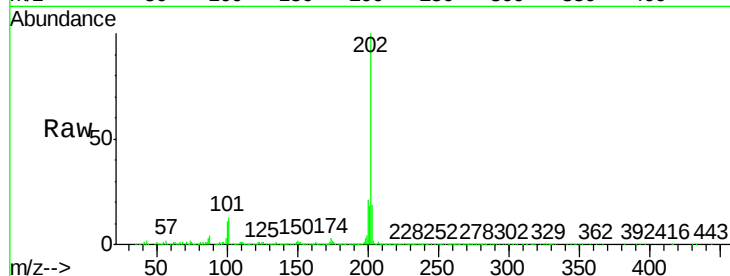
#77
 Pyrene
 Concen: 8.78 ng
 RT: 19.43 min Scan# 2850
 Delta R.T. -0.00 min
 Lab File: BG017990.D
 Acq: 20 Jul 2015 15:52

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-3(0-2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.9	18.8	28.2
203	19.5	15.9	23.9

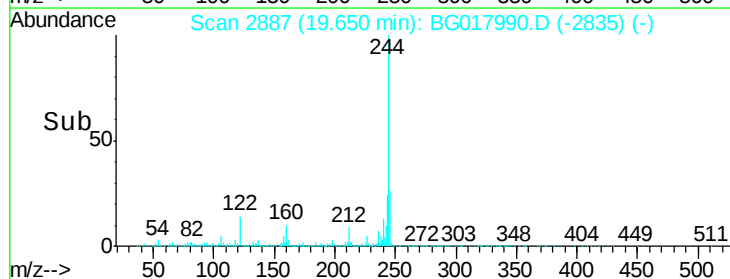
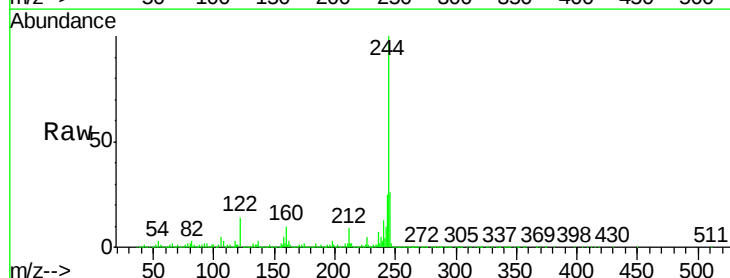
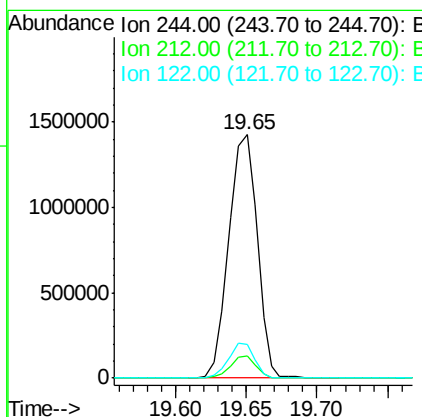
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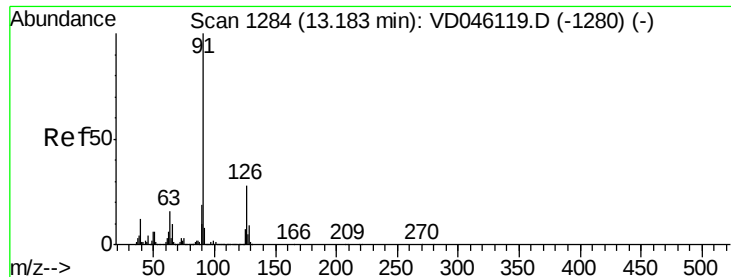
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#78
 Terphenyl-d14
 Concen: 8.78 ng
 RT: 19.65 min Scan# 2887
 Delta R.T. 0.01 min
 Lab File: BG017990.D
 Acq: 20 Jul 2015 15:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	9.4	7.2	10.8
122	14.0	12.8	19.2





#79

Butylbenzylphthalate

Concen: 23.31 ng

RT: 20.35 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG017990.D

Acq: 20 Jul 2015 15:52

Instrument :

BNA_G

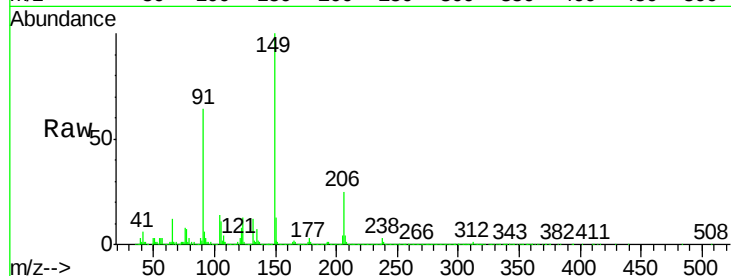
ClientSampleId :

BRIDGE14-3(0-2)

Tgt Ion:	149	Resp:	461032
Ion Ratio	Lower	Upper	
149	100		
91	64.5	59.5	89.3
206	25.2	18.5	27.7

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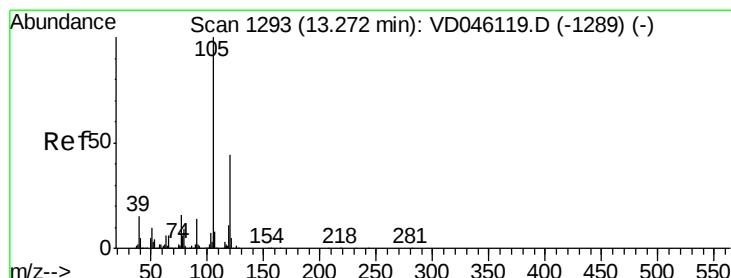
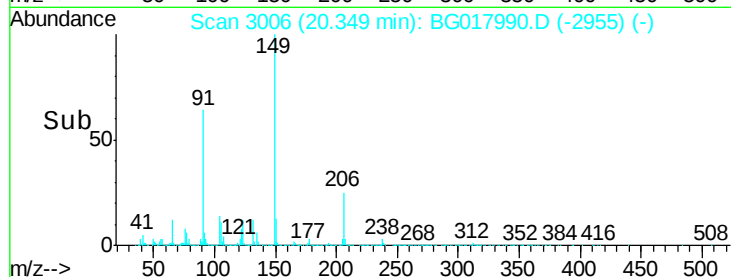
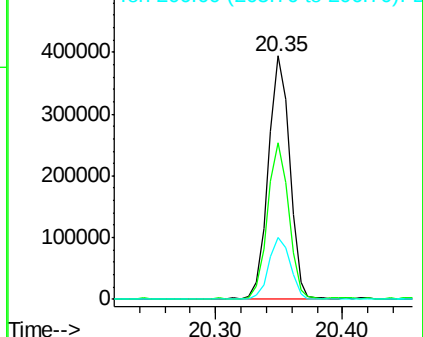
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 4.96 ng

RT: 21.18 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG017990.D

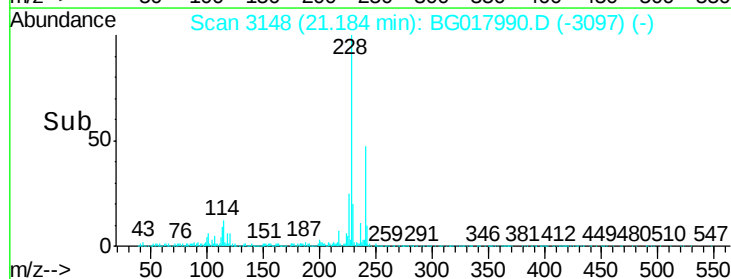
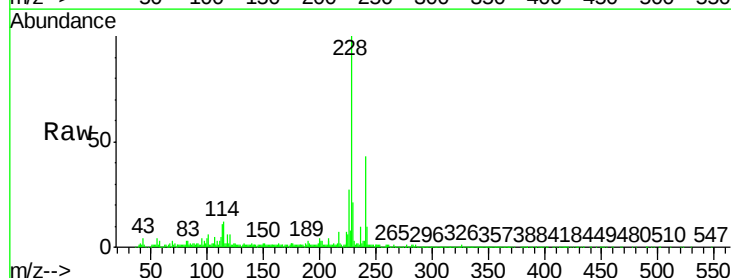
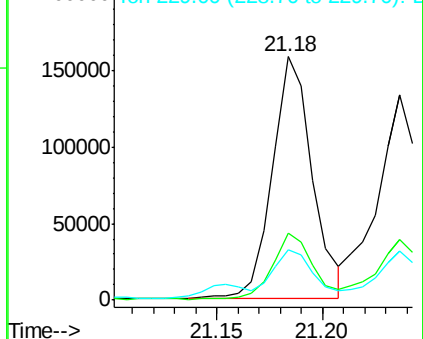
Acq: 20 Jul 2015 15:52

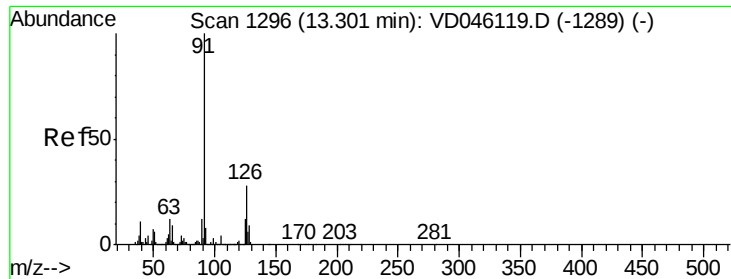
Tgt Ion:	228	Resp:	207584
Ion Ratio	Lower	Upper	
228	100		
226	27.3	23.1	34.7
229	20.7	17.4	26.0

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: 4.64 ng

RT: 21.24 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG017990.D

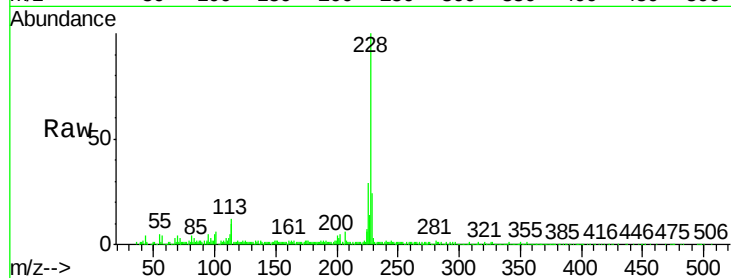
Acq: 20 Jul 2015 15:52

Instrument :

BNA_G

ClientSampleId :

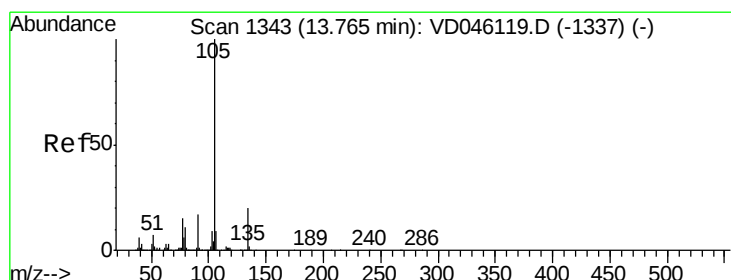
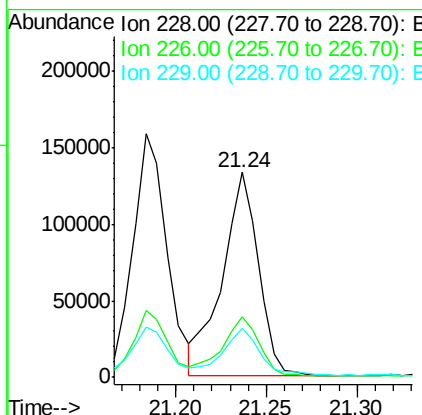
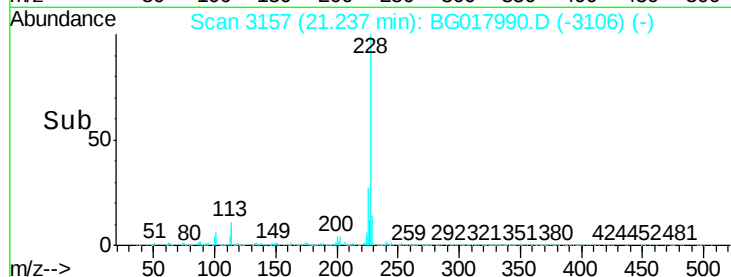
BRIDGE14-3(0-2)



Tgt Ion:	228	Resp:	184809
Ion Ratio	Lower	Upper	
228	100		
226	29.4	26.1	39.1
229	23.9	17.7	26.5

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#85

Indeno(1,2,3-cd)pyrene

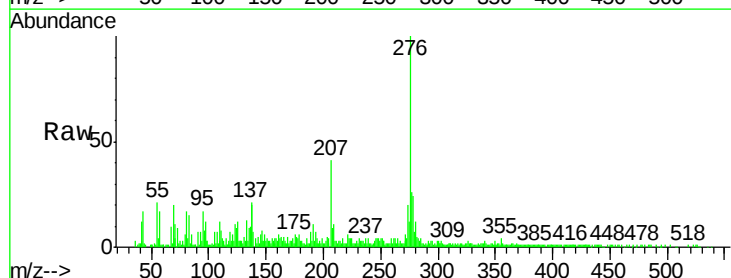
Concen: 1.99 ng

RT: 25.67 min Scan# 3912

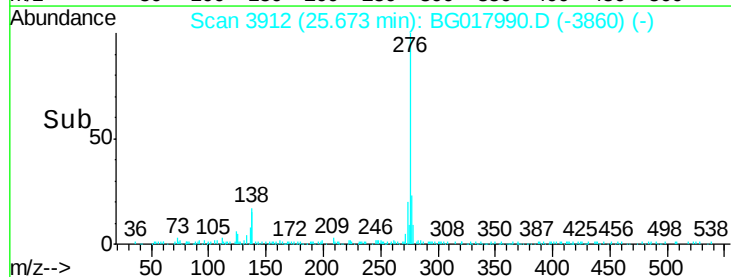
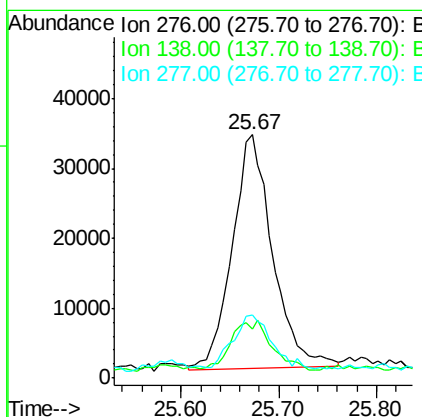
Delta R.T. 0.01 min

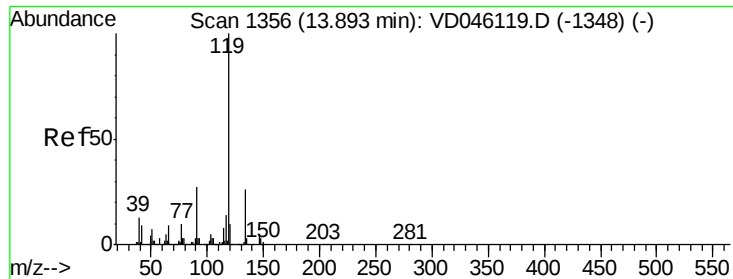
Lab File: BG017990.D

Acq: 20 Jul 2015 15:52



Tgt Ion:	276	Resp:	96051
Ion Ratio	Lower	Upper	
276	100		
138	21.6	25.4	38.0#
277	22.0	21.0	31.4





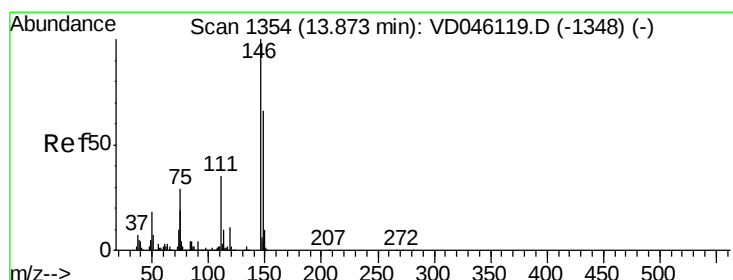
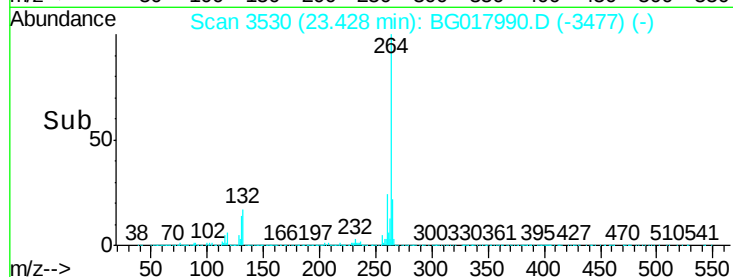
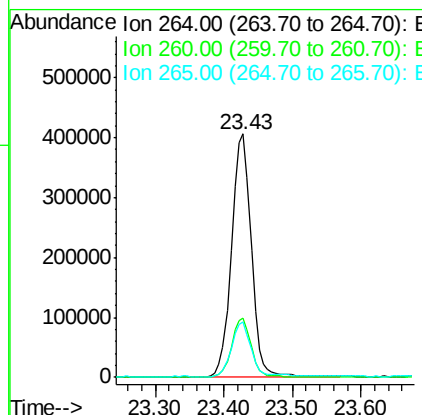
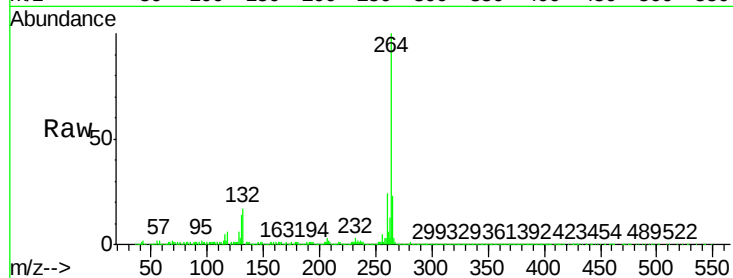
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 3530
Delta R.T. 0.01 min
Lab File: BG017990.D
Acq: 20 Jul 2015 15:52

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-3(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	811832		
260	24.2	18.6	27.8	
265	22.6	18.2	27.2	

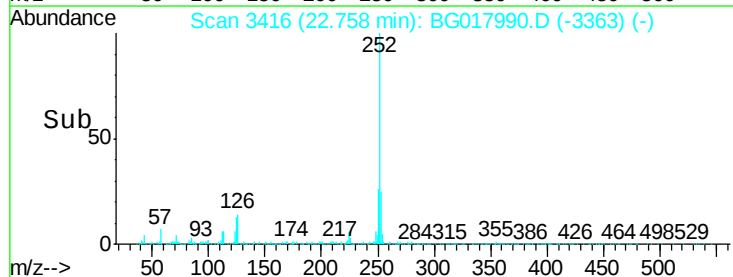
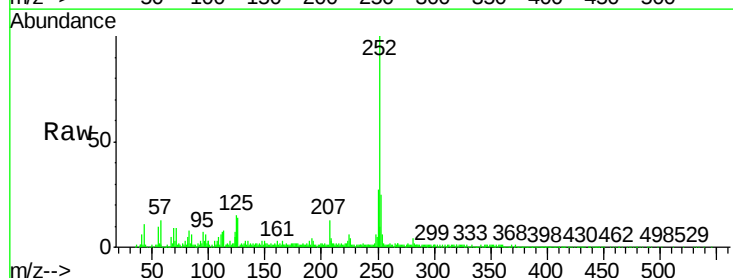
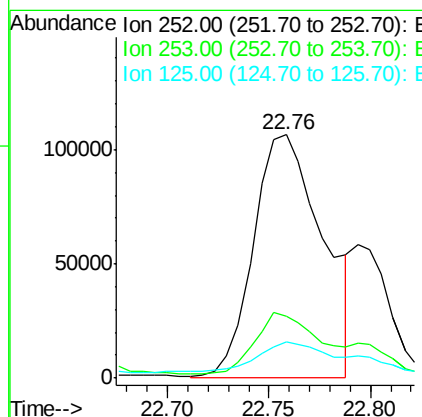
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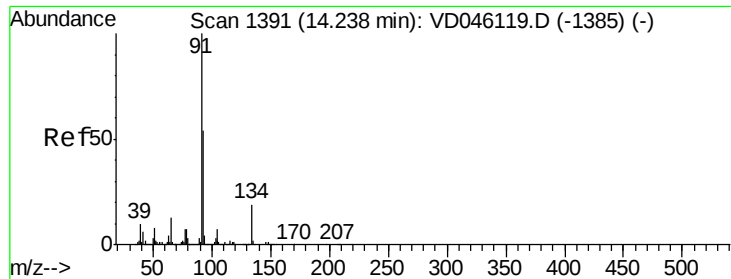
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#87
Benzo(b)fluoranthene
Concen: 5.74 ng m
RT: 22.76 min Scan# 3416
Delta R.T. 0.01 min
Lab File: BG017990.D
Acq: 20 Jul 2015 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	254794		
253	25.5	19.7	29.5	
125	14.8	10.6	15.8	





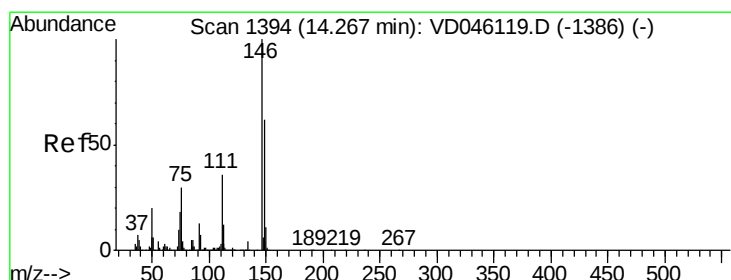
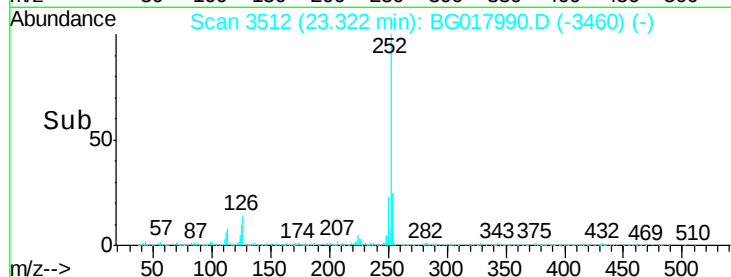
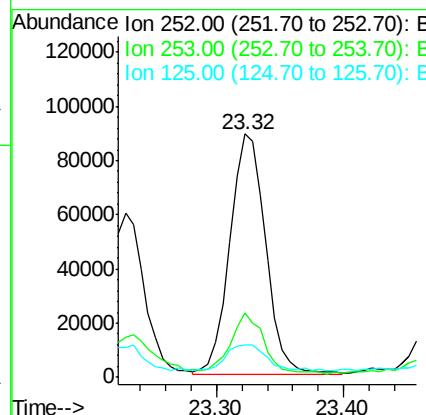
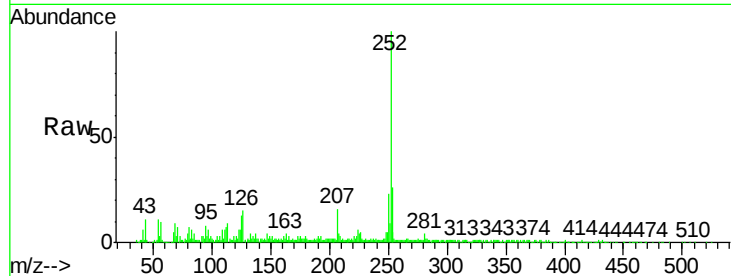
#89
Benzo(a)pyrene
Concen: 4.16 ng
RT: 23.32 min Scan# 3512
Delta R.T. 0.01 min
Lab File: BG017990.D
Acq: 20 Jul 2015 15:52

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-3(0-2)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.0	28.6
125	13.3	11.1	16.7

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#91
Benzo(g,h,i)perylene
Concen: 2.19 ng
RT: 26.36 min Scan# 4029
Delta R.T. 0.01 min
Lab File: BG017990.D
Acq: 20 Jul 2015 15:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	27.4	20.8	31.2

