

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031390.D
 Acq On : 7 Dec 2017 4:48
 Operator : SJ/JU
 Sample : I6685-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-120517-B

Manual Integrations
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 12/7/2017 11:37:34 AM

Quant Time: Dec 07 08:13:11 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	67786	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	282269	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	190006	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	481996	20.00	ng	0.00
75) Chrysene-d12	21.77	240	528881	20.00	ng	0.00
86) Perylene-d12	25.07	264	488365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	477830	120.88	ng	0.00
7) Phenol-d6	7.30	99	573999	107.78	ng	0.00
23) Nitrobenzene-d5	9.30	82	411684	86.42	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	276313	89.90	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1125839	85.14	ng	0.00
78) Terphenyl-d14	20.09	244	1977279	82.55	ng	0.00
Target Compounds						
76) Benzidine	19.73	184	35397m	2.084	ng	Qvalue

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

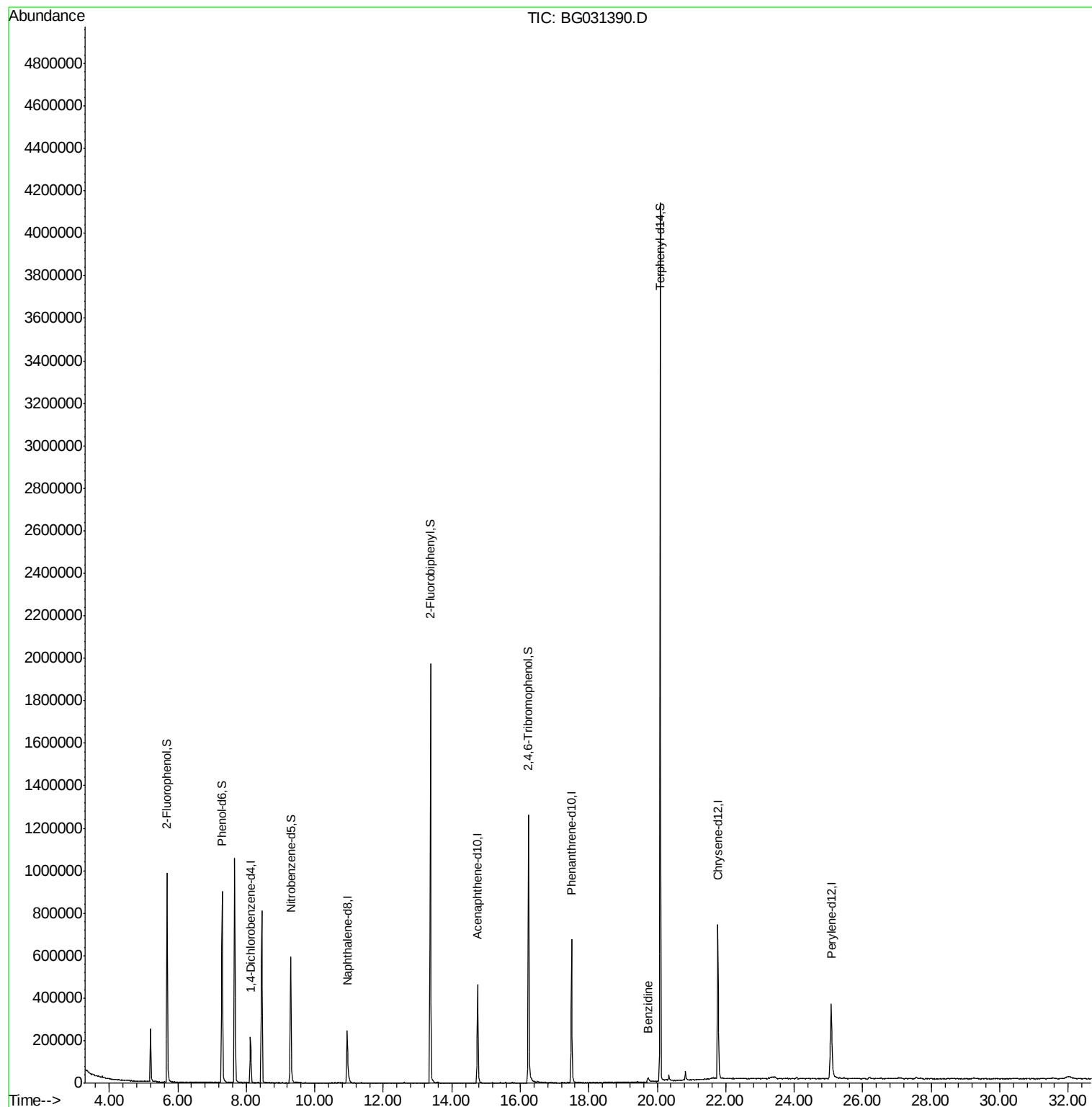
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
Data File : BG031390.D
Acq On : 7 Dec 2017 4:48
Operator : SJ/JU
Sample : I6685-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

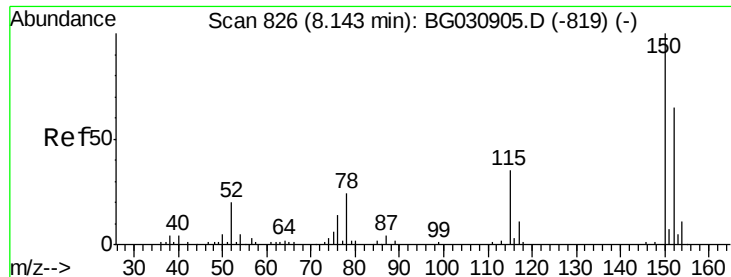
Instrument :
BNA_G
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AU-06-120517-B

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Response via : Initial Calibration





#1

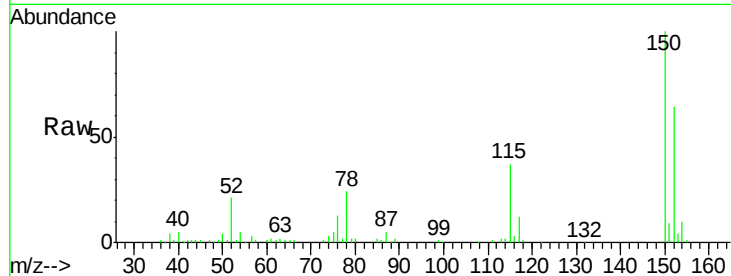
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031390.D
Acq: 7 Dec 2017 4:48

Instrument :
BNA_G
ClientSampleId :
AU-06-120517-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.6	189.8
115	57.9	53.0	79.4

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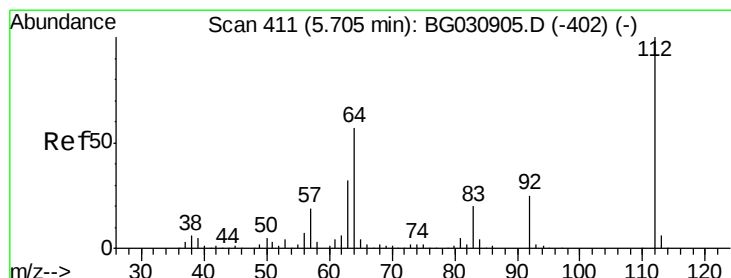
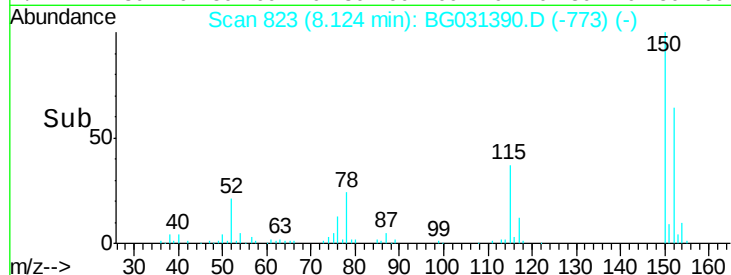
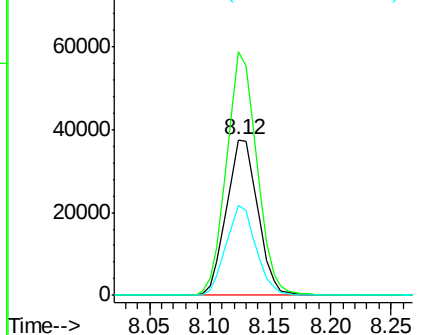


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

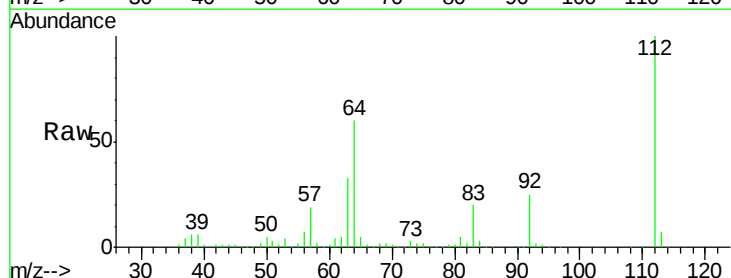
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.875 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031390.D
Acq: 7 Dec 2017 4:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	56.3	84.5
63	32.7	30.1	45.1

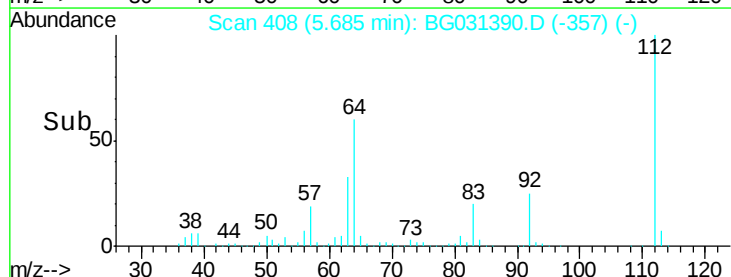
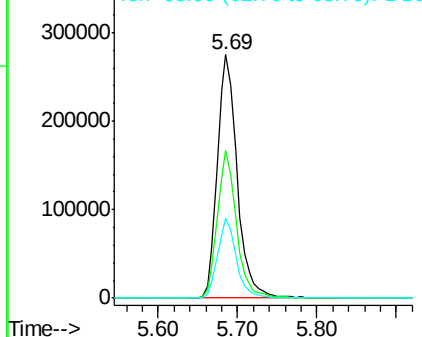


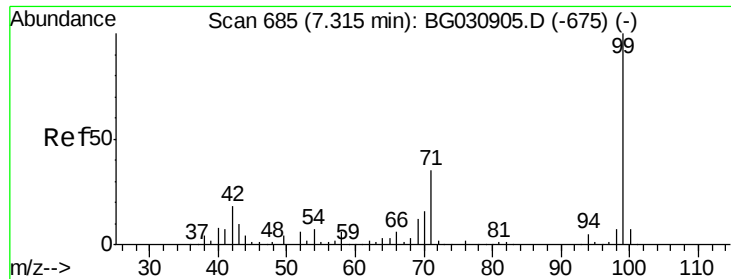
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 107.780 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031390.D

Acq: 7 Dec 2017 4:48

Instrument :

BNA_G

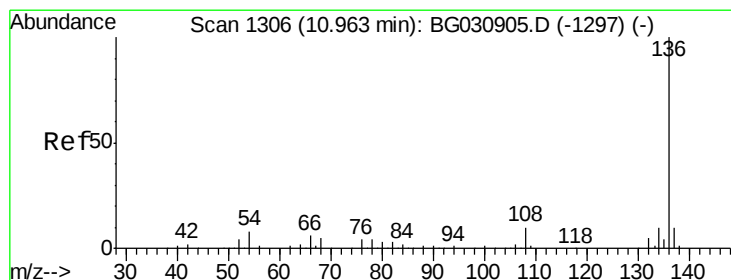
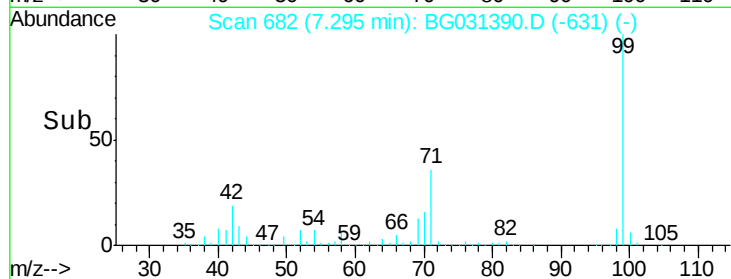
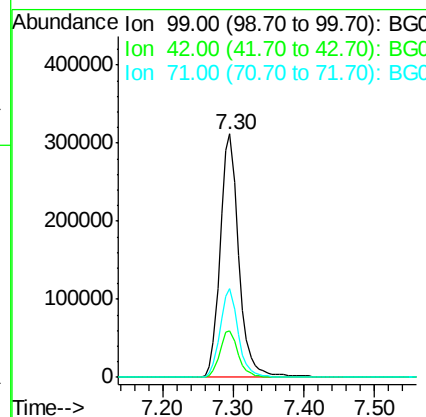
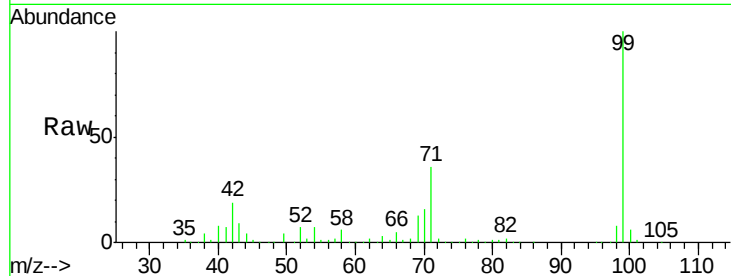
ClientSampleId :

AU-06-120517-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		573999		
42	18.9	14.1	21.1		
71	36.2	26.1	39.1		

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#21

Naphthalene-d8

Concen: 20.000 ng

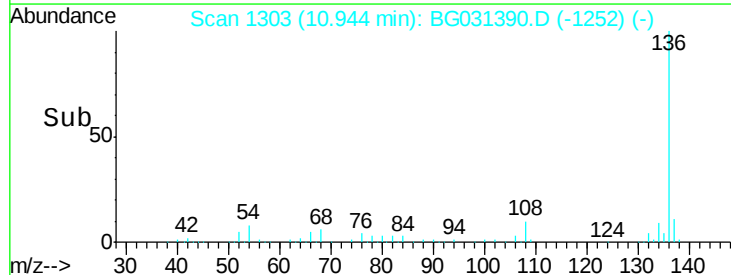
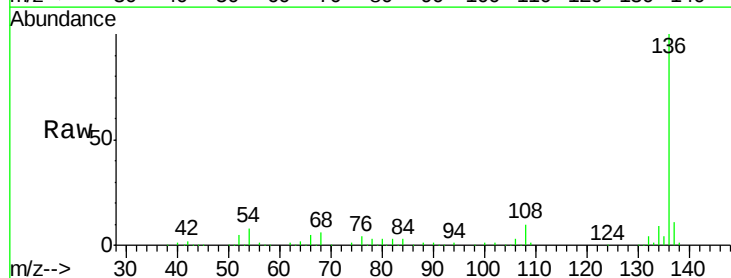
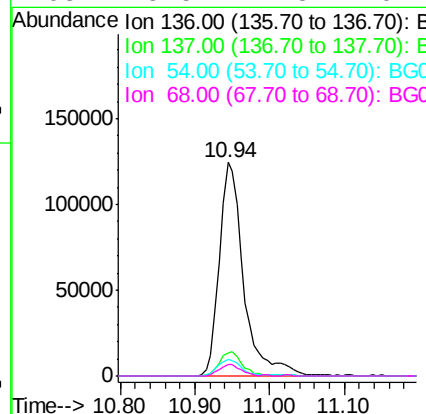
RT: 10.94 min Scan# 1303

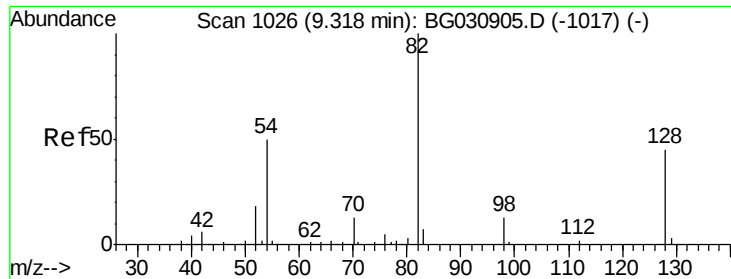
Delta R.T. 0.00 min

Lab File: BG031390.D

Acq: 7 Dec 2017 4:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		282269		
137	10.6	9.2	13.8		
54	8.1	10.3	15.5#		
68	5.5	4.5	6.7		





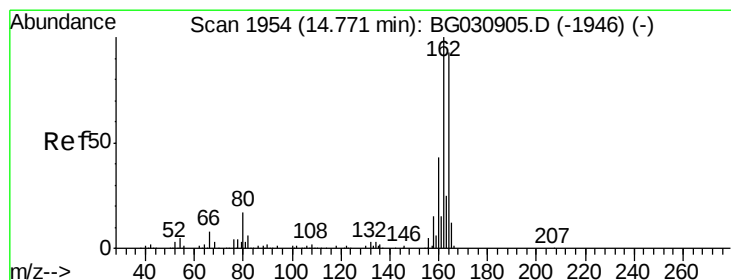
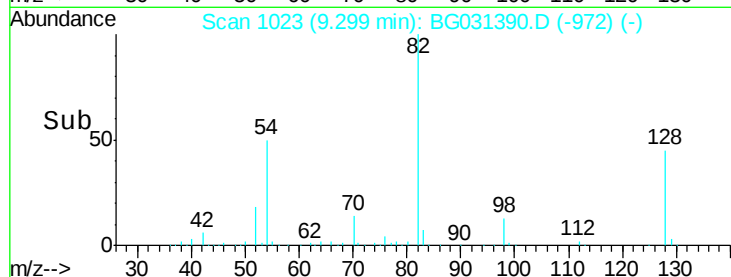
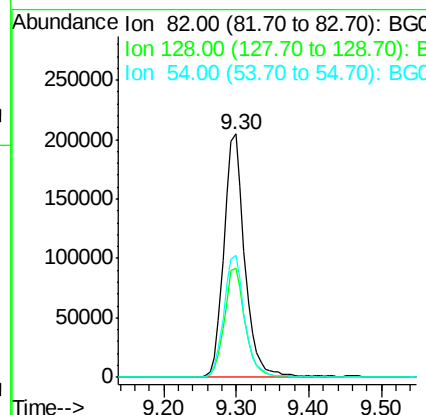
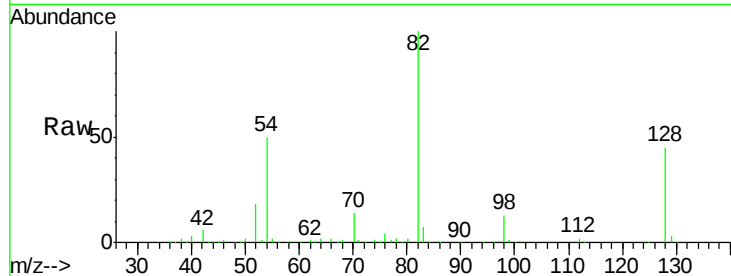
#23
Nitrobenzene-d5
Concen: 86.424 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG031390.D
Acq: 7 Dec 2017 4:48

Instrument :
BNA_G
ClientSampleId :
AU-06-120517-B

Tot Ion	82	Resp	411684
Ion Ratio	100	Lower	Upper
128	44.7	29.7	44.5#
54	50.2	43.1	64.7

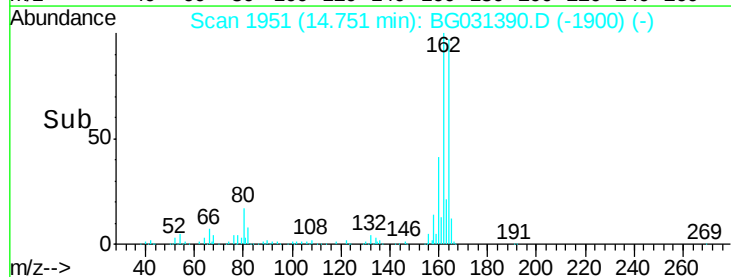
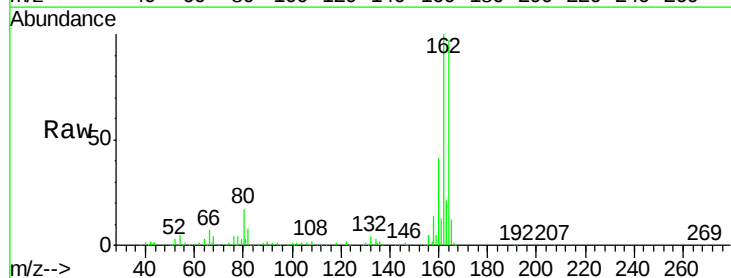
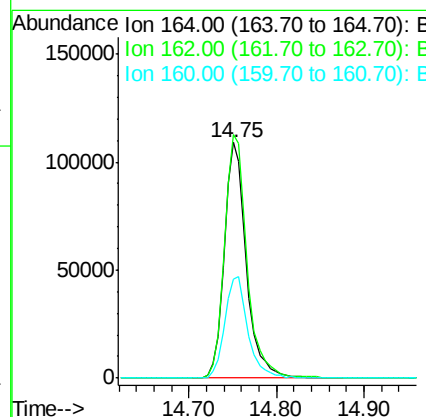
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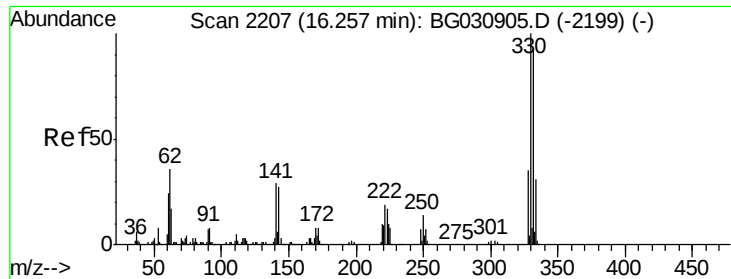
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031390.D
Acq: 7 Dec 2017 4:48

Tgt Ion	164	Resp	190006
Ion Ratio	100	Lower	Upper
162	103.2	78.8	118.2
160	42.1	35.4	53.0





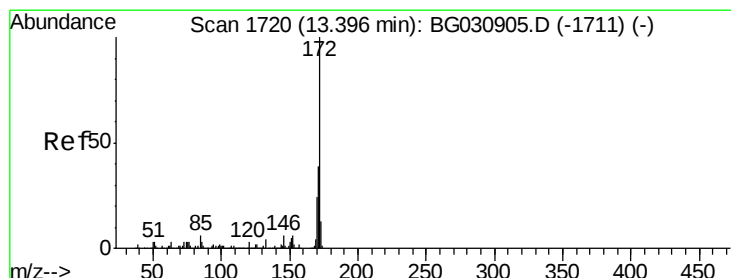
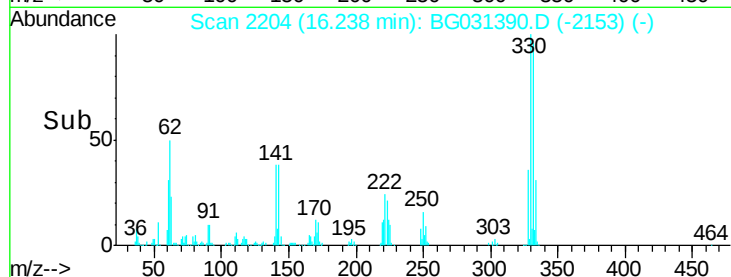
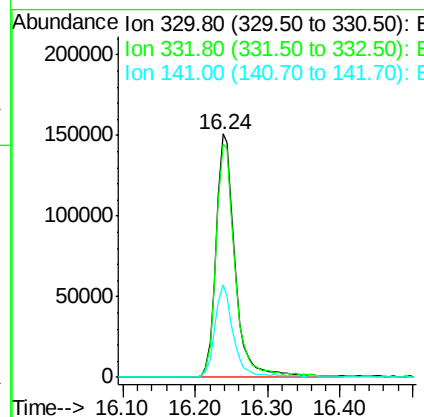
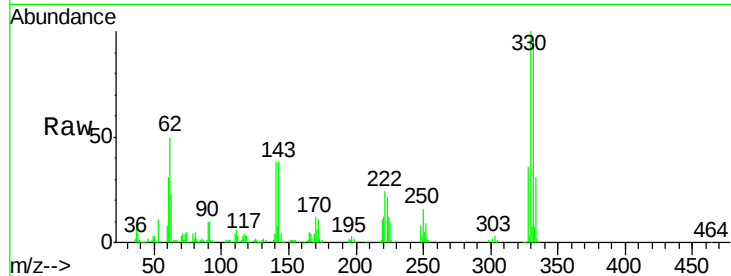
#41
 2,4,6-Tribromophenol
 Concen: 89.896 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031390.D
 Acq: 7 Dec 2017 4:48

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-120517-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	276313		
332	96.7	77.0	115.6	
141	36.7	25.2	37.8	

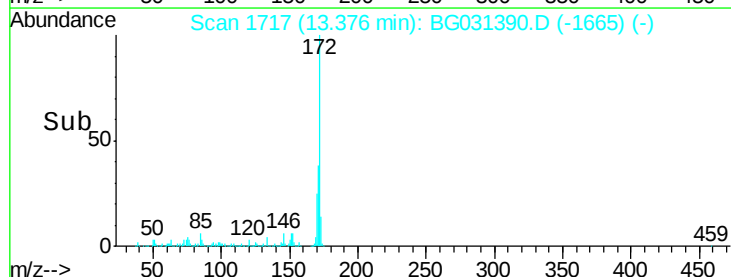
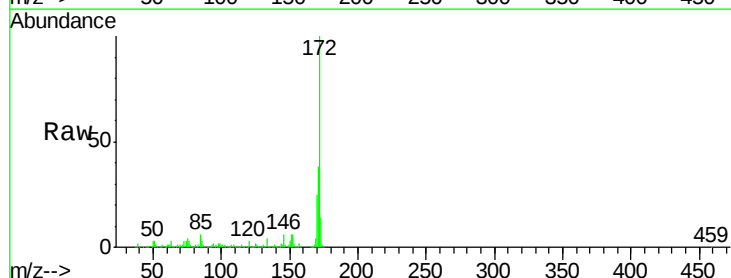
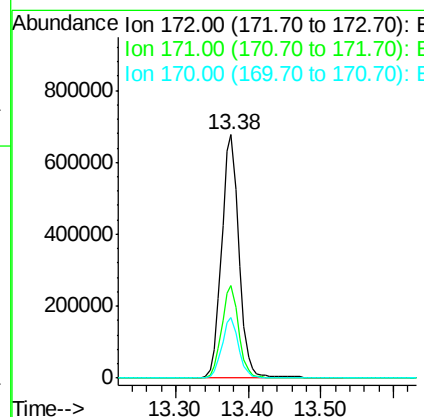
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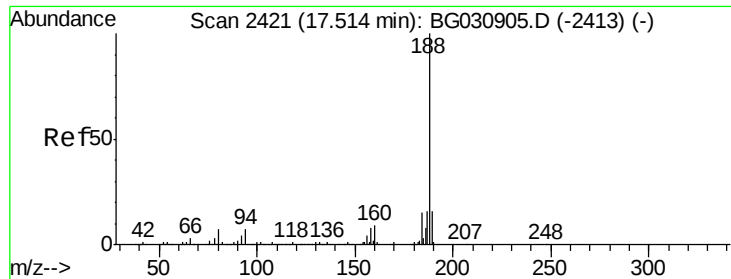
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#44
 2-Fluorobiphenyl
 Concen: 85.140 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG031390.D
 Acq: 7 Dec 2017 4:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1125839		
171	37.8	30.0	45.0	
170	25.1	19.5	29.3	





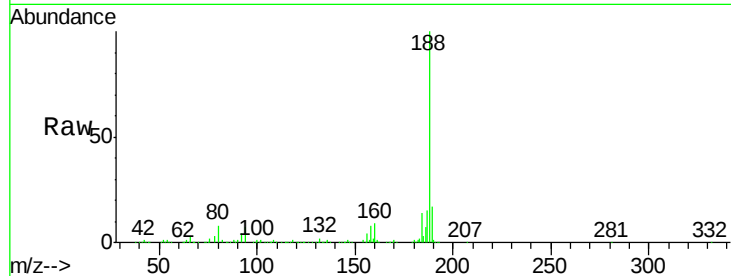
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG031390.D
Acq: 7 Dec 2017 4:48

Instrument :
BNA_G
ClientSampleId :
AU-06-120517-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	481996		
94	7.2		6.9	10.3
80	8.1		7.7	11.5

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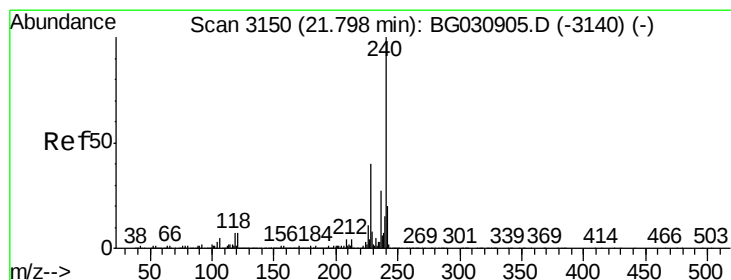
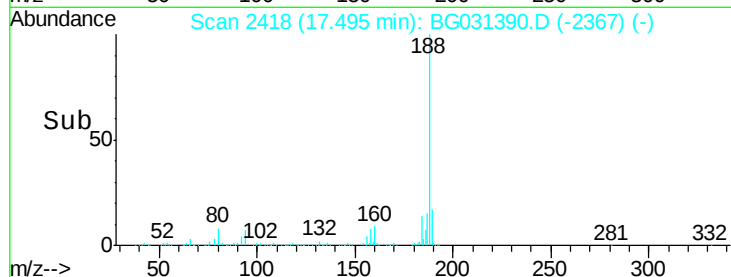
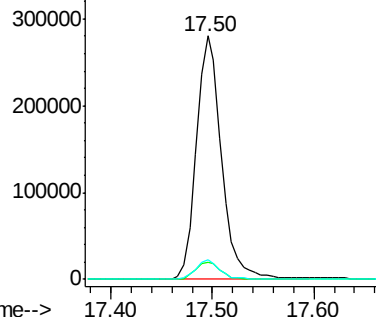
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



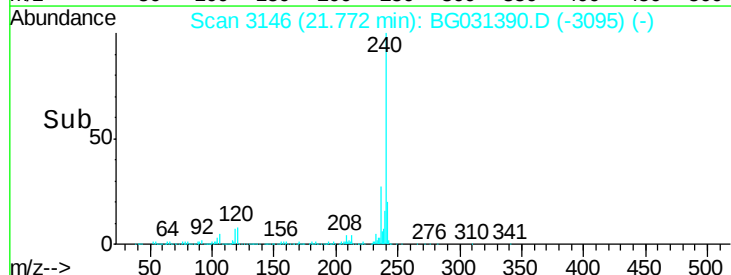
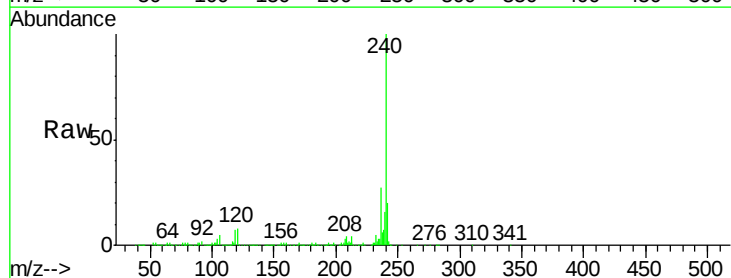
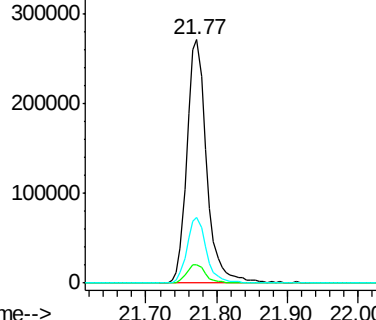
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BG031390.D
Acq: 7 Dec 2017 4:48

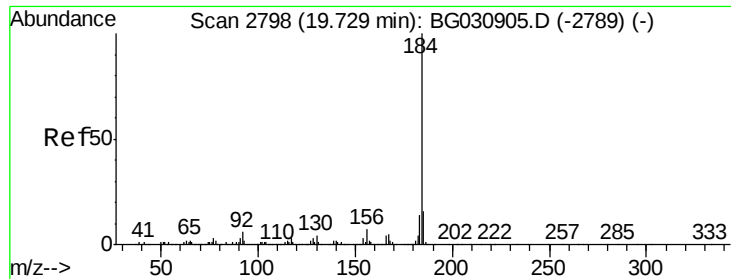
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	528881		
120	7.7		6.8	10.2
236	27.2		20.9	31.3

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





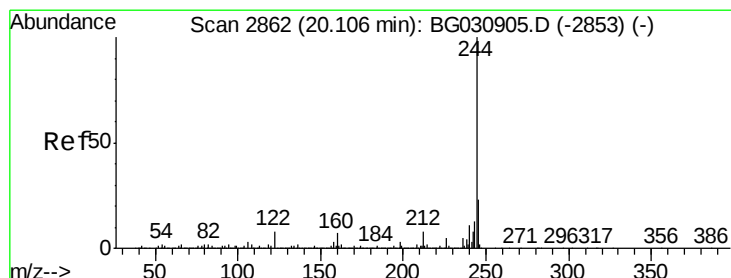
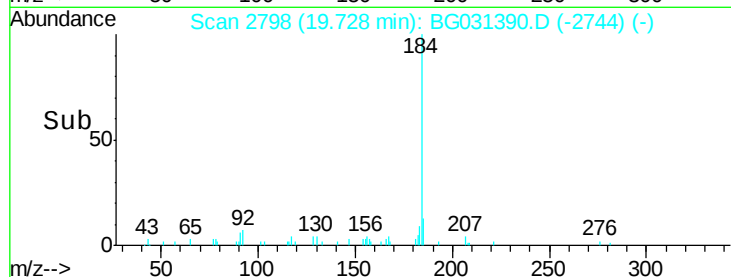
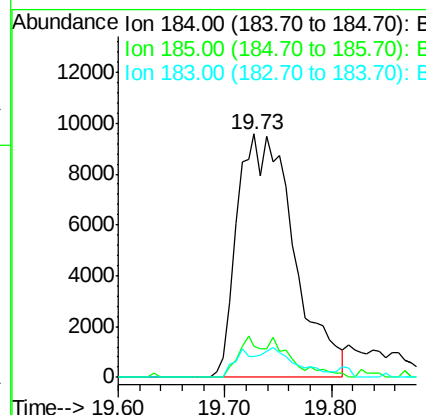
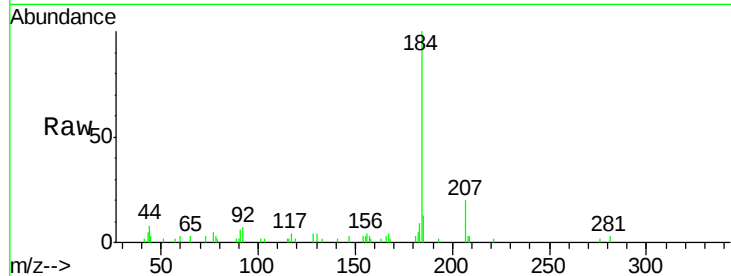
#76
Benzidine
Concen: 2.084 ng/ml
RT: 19.73 min Scan# 2798
Delta R.T. 0.02 min
Lab File: BG031390.D
Acq: 7 Dec 2017 4:48

Instrument :
BNA_G
ClientSampleId :
AU-06-120517-B

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.0	11.1	16.7
183	8.6	10.6	16.0#

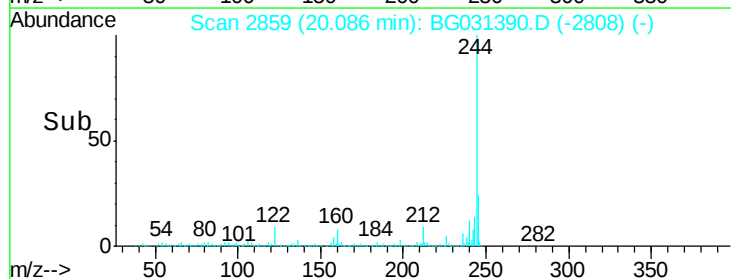
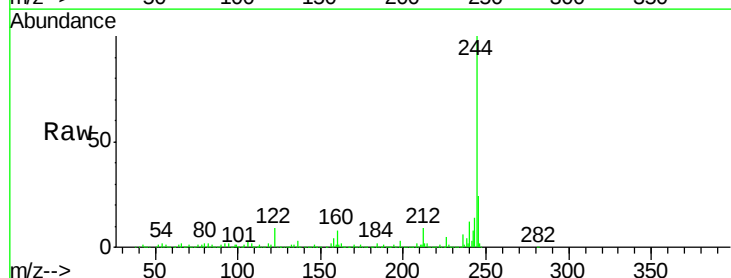
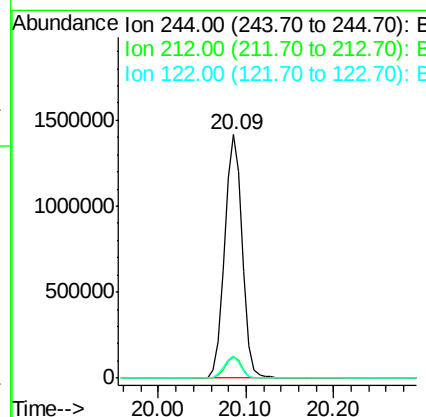
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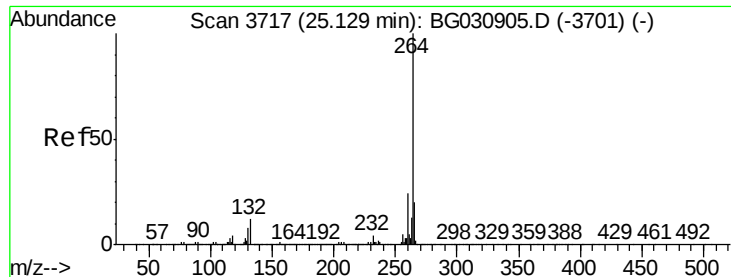
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#78
Terphenyl-d14
Concen: 82.552 ng
RT: 20.09 min Scan# 2859
Delta R.T. 0.00 min
Lab File: BG031390.D
Acq: 7 Dec 2017 4:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	9.0	7.0	10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. 0.01 min
Lab File: BG031390.D
Acq: 7 Dec 2017 4:48

Instrument :
BNA_G
ClientSampleId :
AU-06-120517-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.2	17.7	26.5

Manual Integrations
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12/7/2017 11:37:34 AM

