

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031359.D
 Acq On : 4 Dec 2017 23:01
 Operator : SJ/JU
 Sample : I6699-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3874

Manual Integrations
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Quant Time: Dec 05 09:46:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	61358	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	259892	20.00	ng	-0.03
38) Acenaphthene-d10	14.75	164	172877	20.00	ng	-0.03
63) Phenanthrene-d10	17.49	188	485531	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	579201	20.00	ng	-0.02
86) Perylene-d12	25.06	264	550684	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	519054	145.06	ng	-0.02
7) Phenol-d6	7.30	99	614213	127.41	ng	0.00
23) Nitrobenzene-d5	9.30	82	416672	95.00	ng	-0.03
41) 2,4,6-Tribromophenol	16.23	330	363237	129.89	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1191379	99.02	ng	-0.03
78) Terphenyl-d14	20.08	244	2390913	91.15	ng	-0.01
Target Compounds						
31) Naphthalene	10.99	128	128928	10.09	ng	Qvalue 99

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

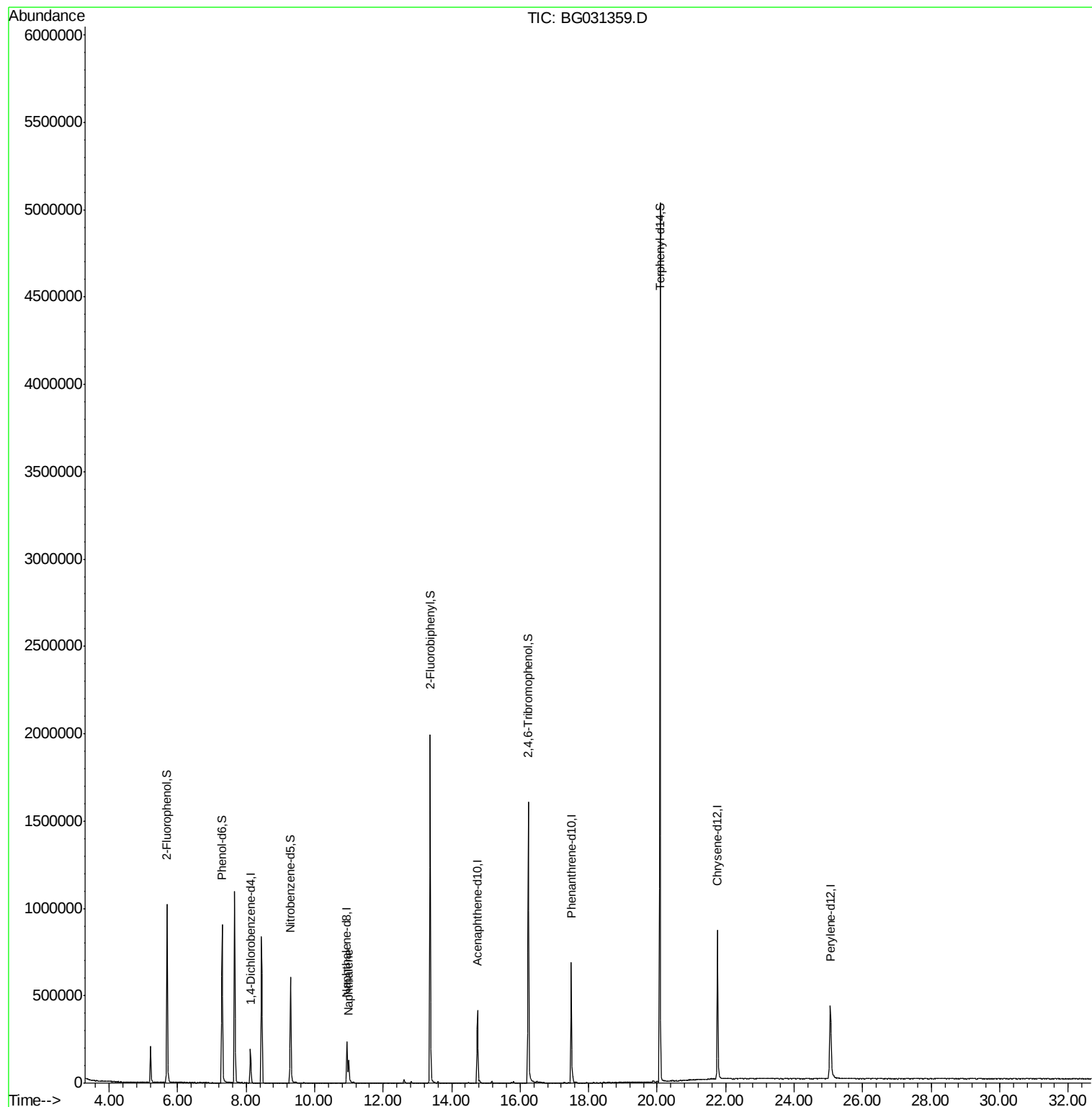
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
Data File : BG031359.D
Acq On : 4 Dec 2017 23:01
Operator : SJ/JU
Sample : I6699-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

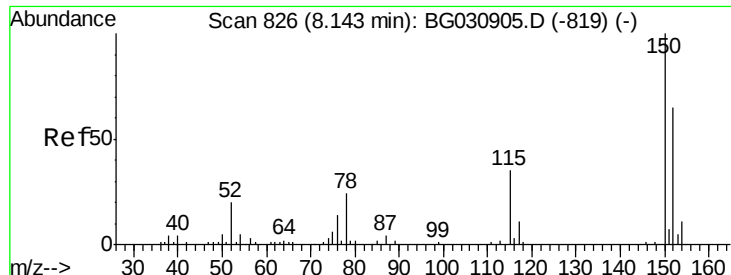
Instrument :
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#1

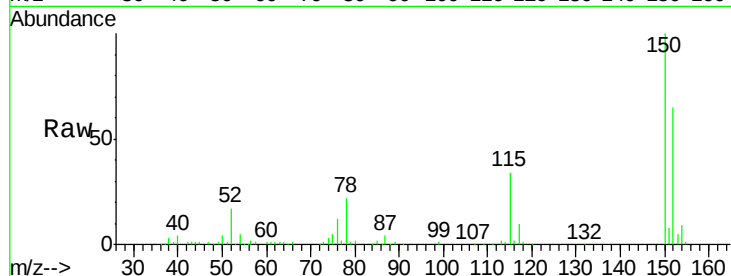
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031359.D
Acq: 4 Dec 2017 23:01

Instrument :
BNA_G
ClientSampleId :
RT-3874

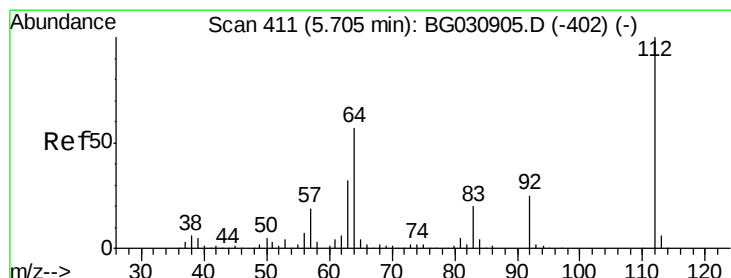
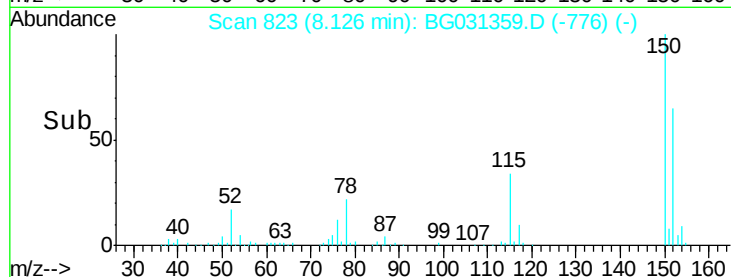
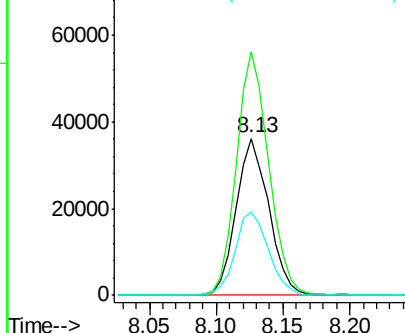
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.6	189.8
115	53.3	53.0	79.4

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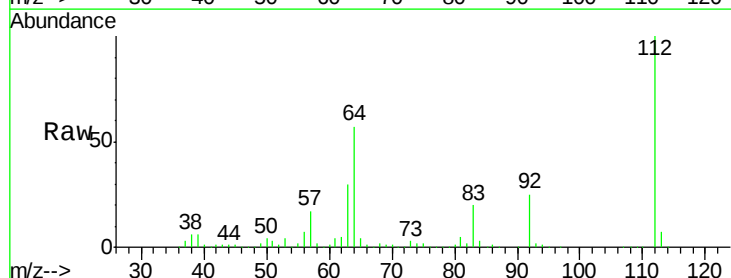
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



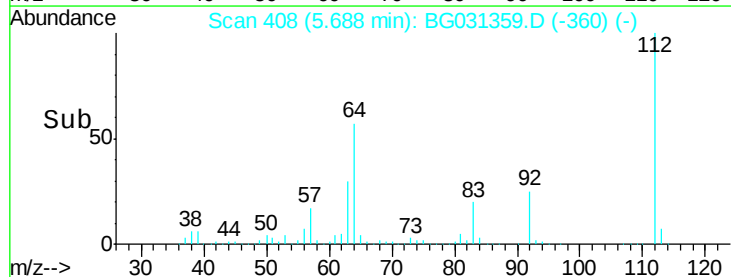
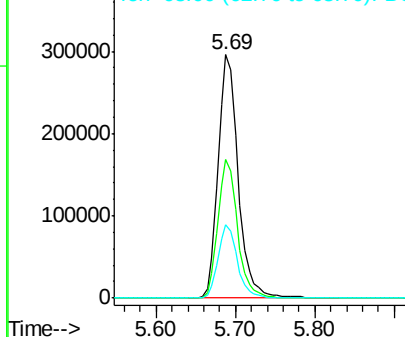
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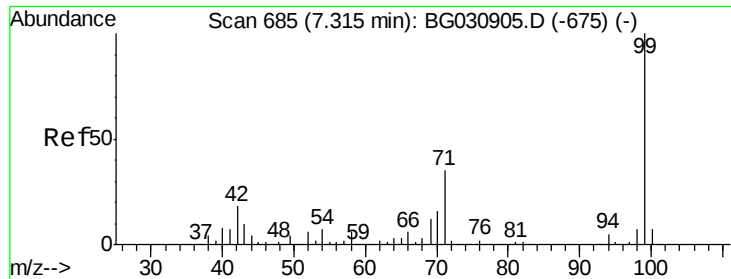
2-Fluorophenol
Concen: 145.06 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031359.D
Acq: 4 Dec 2017 23:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	56.3	84.5
63	30.4	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 127.41 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031359.D

Acq: 4 Dec 2017 23:01

Instrument :

BNA_G

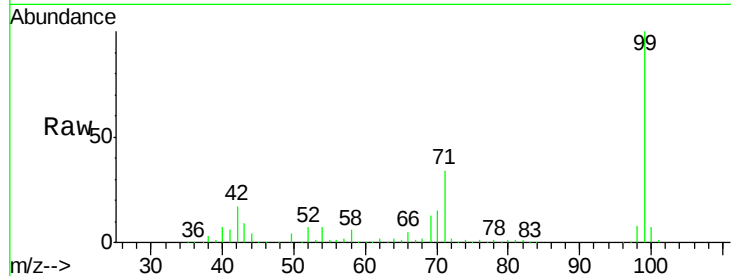
ClientSampled :

RT-3874

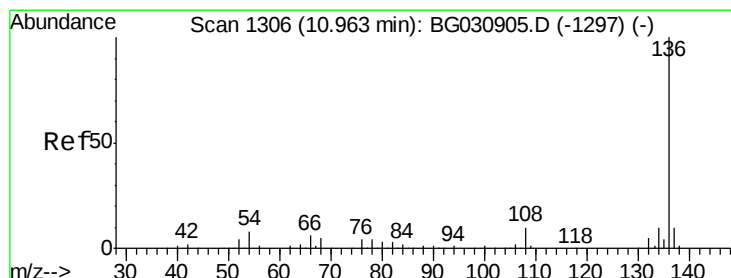
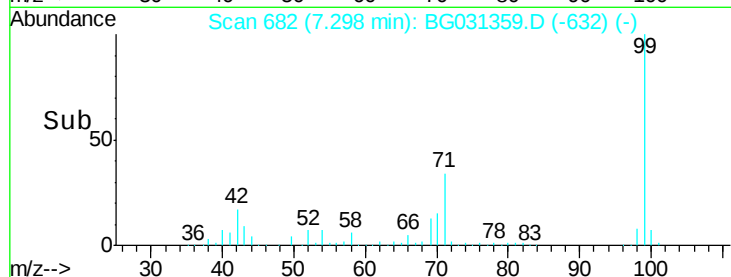
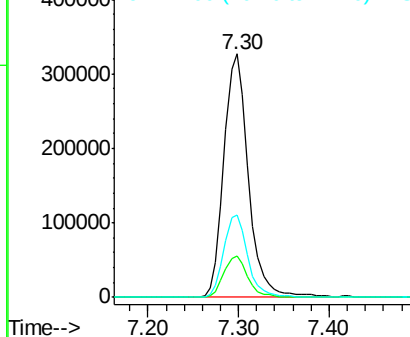
Tot Ion:	99	Resp:	614213
Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.1	21.1
71	33.6	26.1	39.1

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1302

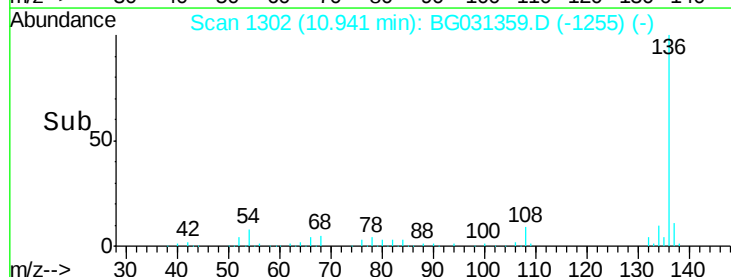
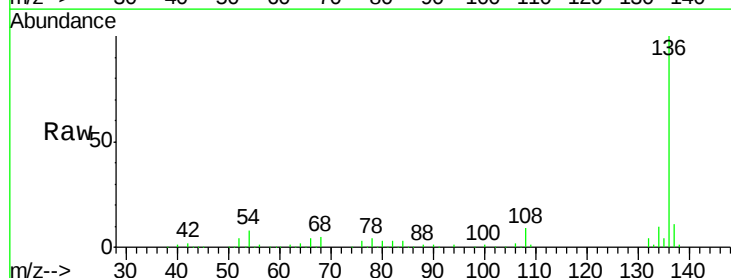
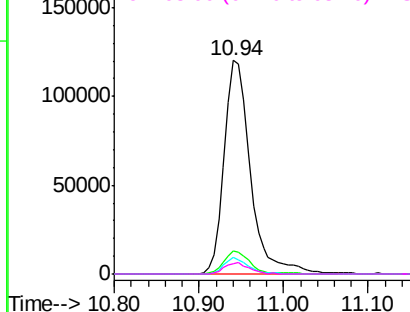
Delta R.T. -0.03 min

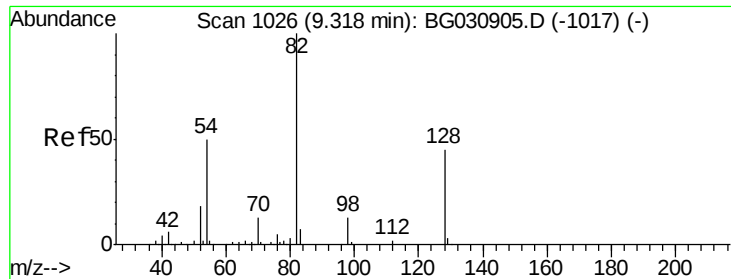
Lab File: BG031359.D

Acq: 4 Dec 2017 23:01

Tgt Ion:	136	Resp:	259892
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.6	10.3	15.5#
68	5.1	4.5	6.7

Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





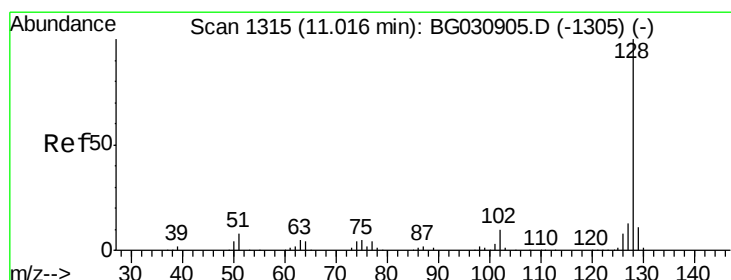
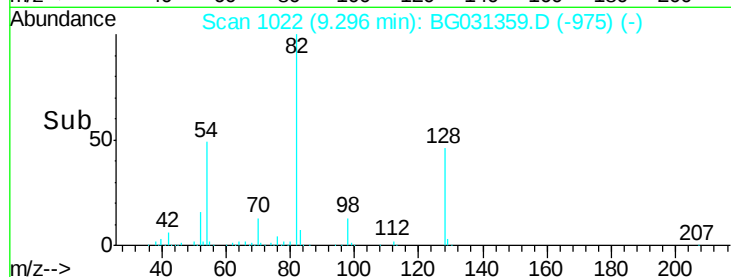
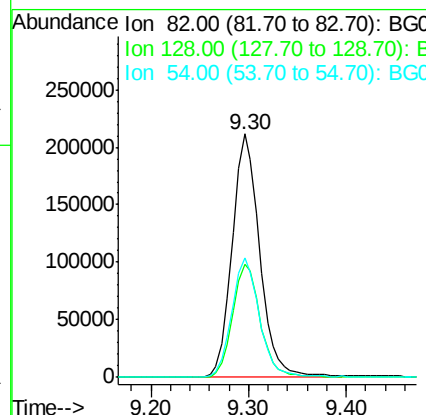
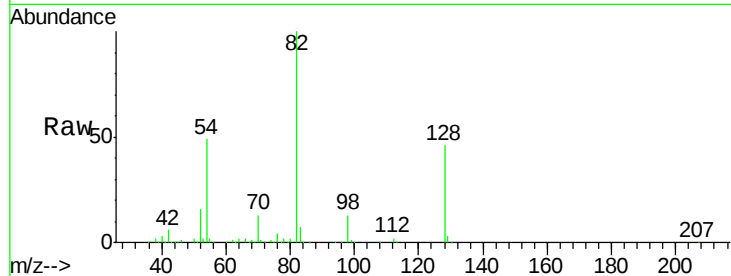
#23
Nitrobenzene-d5
Concen: 95.00 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031359.D
Acq: 4 Dec 2017 23:01

Instrument :
BNA_G
ClientSampled :
RT-3874

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	29.7	44.5#
54	48.9	43.1	64.7

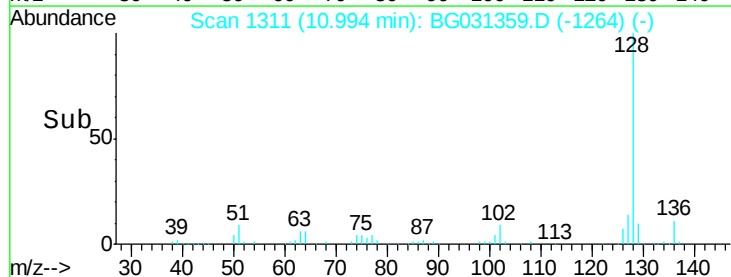
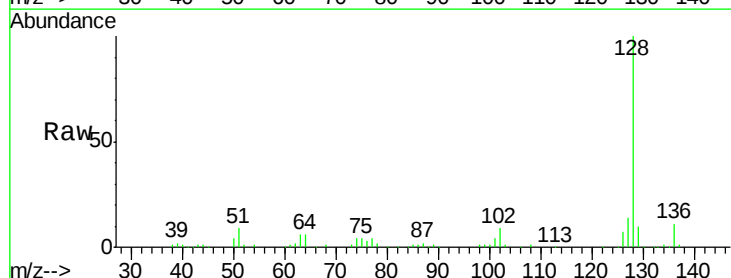
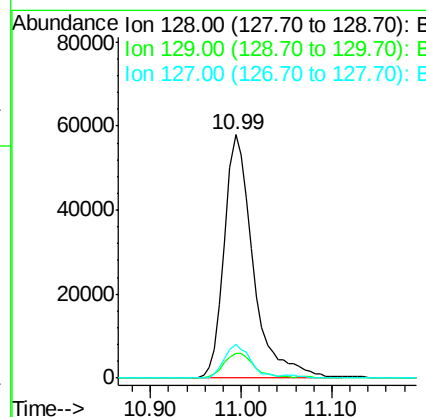
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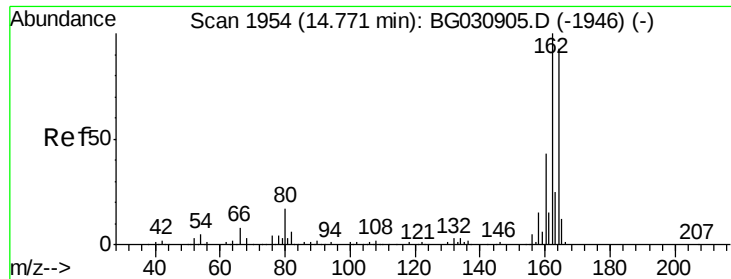
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#31
Naphthalene
Concen: 10.09 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.03 min
Lab File: BG031359.D
Acq: 4 Dec 2017 23:01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.6	12.8
127	14.0	11.6	17.4





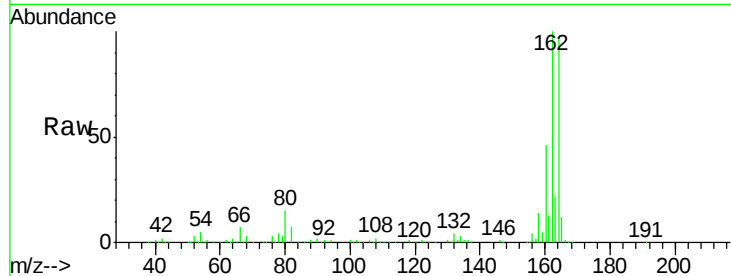
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.03 min
Lab File: BG031359.D
Acq: 4 Dec 2017 23:01

Instrument :
BNA_G
ClientSampleId :
RT-3874

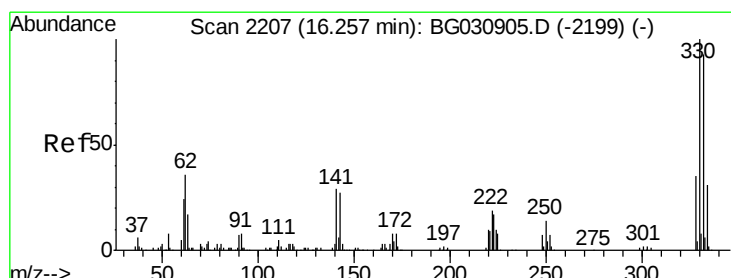
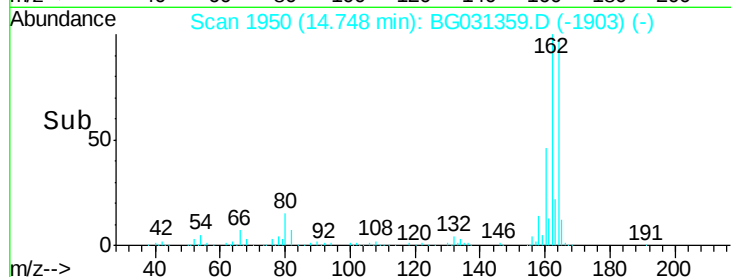
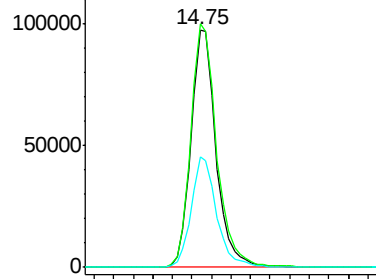
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.8	118.2
160	46.8	35.4	53.0

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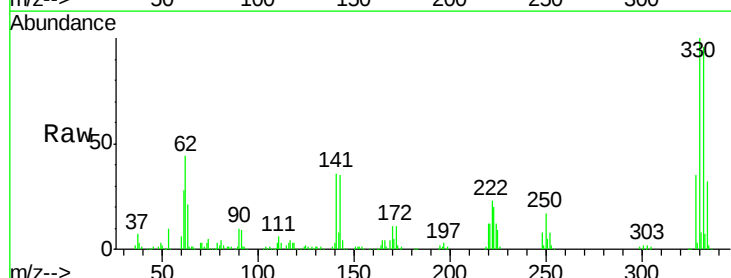


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

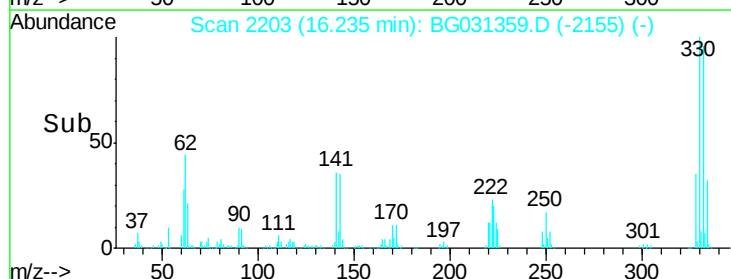
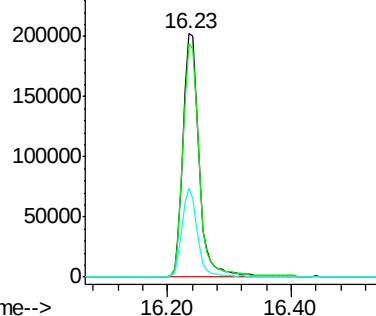


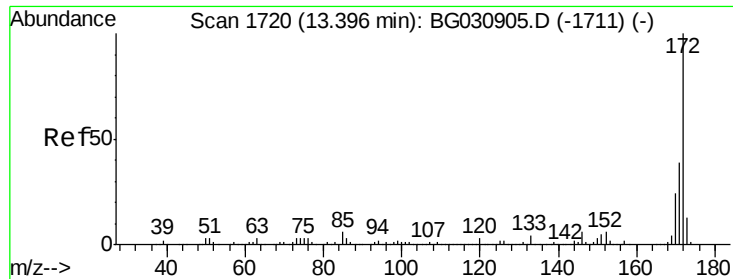
#41
2,4,6-Tribromophenol
Concen: 129.89 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BG031359.D
Acq: 4 Dec 2017 23:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	34.2	25.2	37.8



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





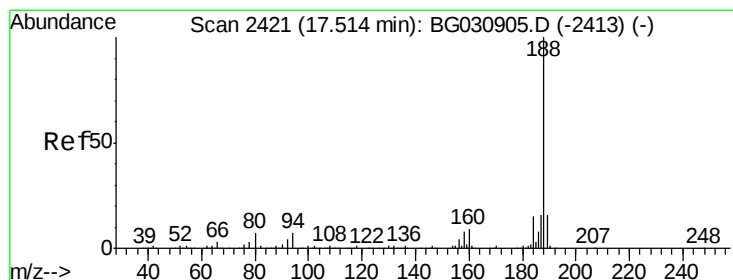
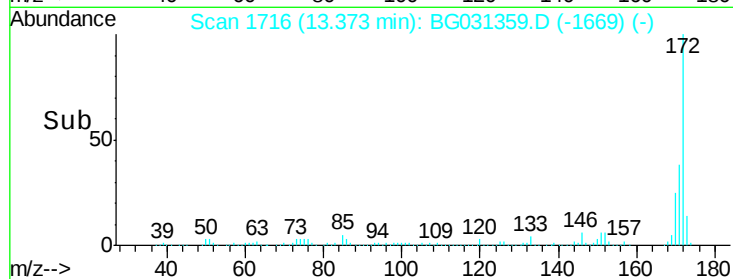
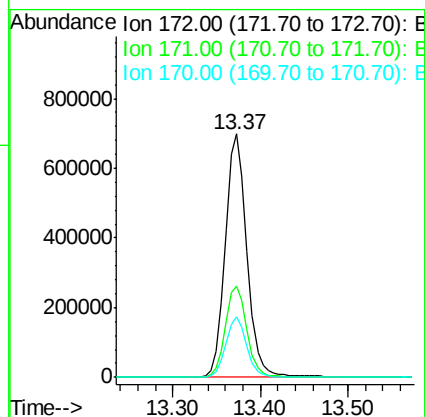
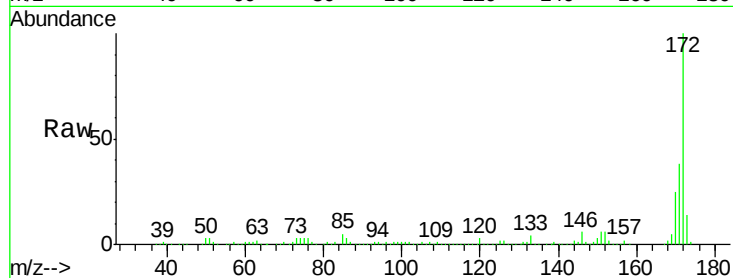
#44
 2-Fluorobiphenyl
 Concen: 99.02 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031359.D
 Acq: 4 Dec 2017 23:01

Instrument :
 BNA_G
 ClientSampleId :
 RT-3874

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.8	19.5	29.3

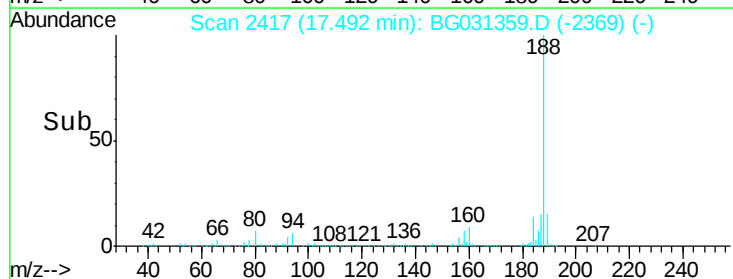
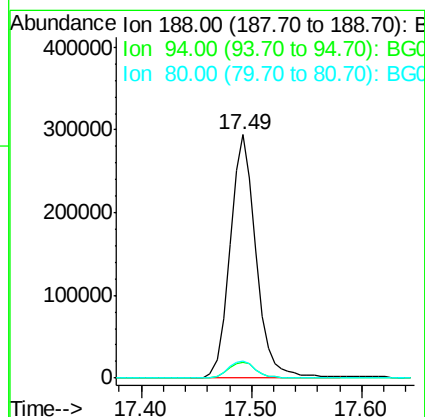
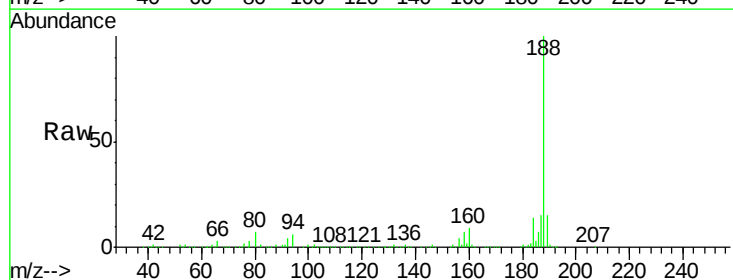
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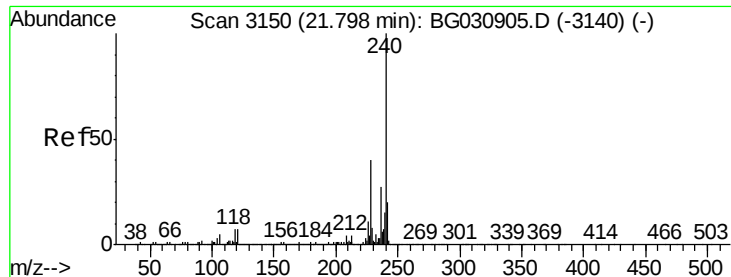
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG031359.D
 Acq: 4 Dec 2017 23:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.2	7.7	11.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031359.D

Acq: 4 Dec 2017 23:01

Instrument :

BNA_G

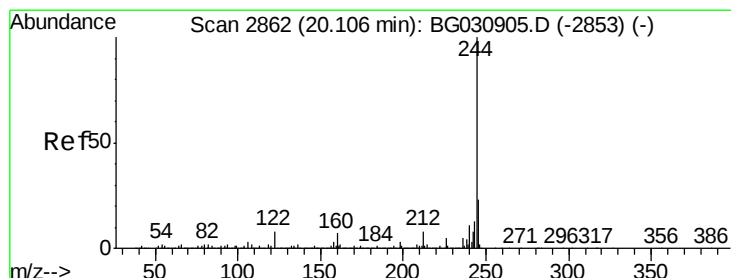
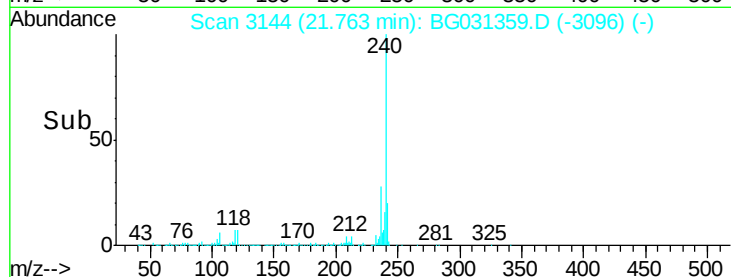
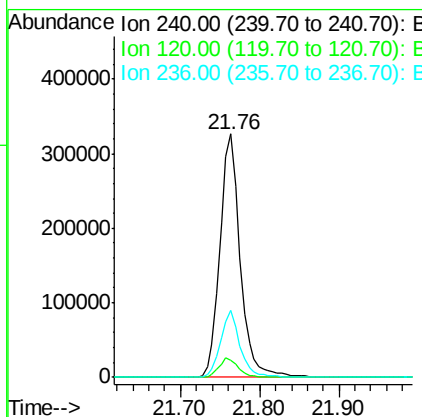
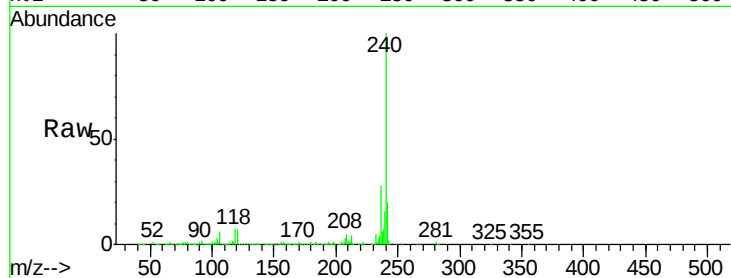
ClientSampled :

RT-3874

Tot Ion:	240	Resp:	579201
Ion Ratio	Lower	Upper	
240	100		
120	7.1	6.8	10.2
236	27.5	20.9	31.3

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#78

Terphenyl-d14

Concen: 91.15 ng

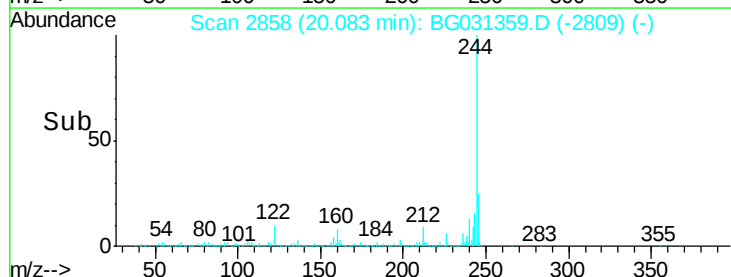
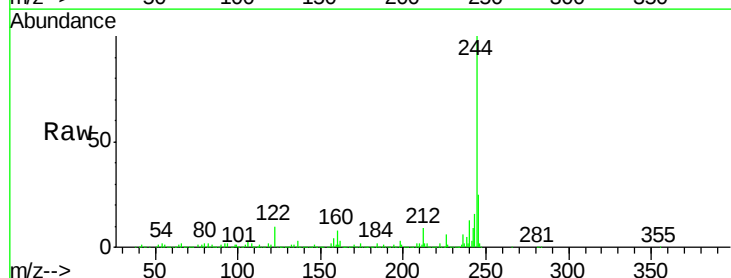
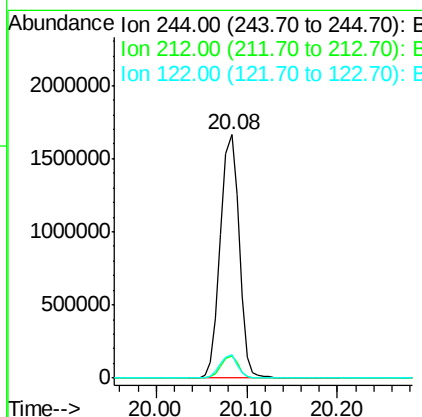
RT: 20.08 min Scan# 2858

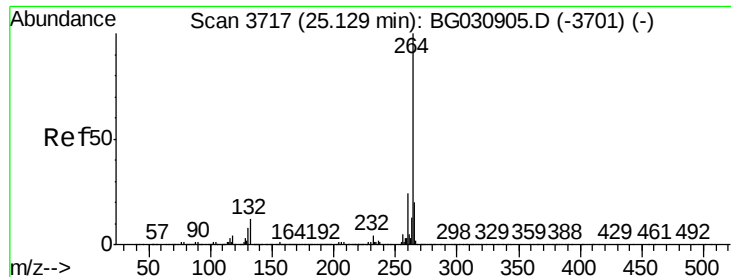
Delta R.T. -0.01 min

Lab File: BG031359.D

Acq: 4 Dec 2017 23:01

Tgt Ion:	244	Resp:	2390913
Ion Ratio	Lower	Upper	
244	100		
212	9.3	5.8	8.8#
122	9.6	7.0	10.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.03 min
Lab File: BG031359.D
Acq: 4 Dec 2017 23:01

Instrument :
BNA_G
ClientSampleId :
RT-3874

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.9	17.7	26.5

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