

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031698.D
 Acq On : 22 Dec 2017 6:46
 Operator : SJ/JU
 Sample : I6990-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-CONCRETE

Manual Integrations
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 12/22/2017 12:44:36 PM

Quant Time: Dec 22 07:36:44 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:38:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	53103	20.00	ng	-0.02
21) Naphthalene-d8	11.71	136	214000	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	150051	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	404199	20.00	ng	0.00
75) Chrysene-d12	22.55	240	487641	20.00	ng	-0.02
86) Perylene-d12	26.34	264	506218	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	342378	117.43	ng	0.00
7) Phenol-d6	7.92	99	390799	103.24	ng	0.00
23) Nitrobenzene-d5	10.02	82	251387	88.70	ng	-0.02
41) 2,4,6-Tribromophenol	16.93	330	334359	146.04	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	925433	77.41	ng	0.00
78) Terphenyl-d14	20.73	244	1883175	88.23	ng	0.00
Target Compounds						
31) Naphthalene	11.77	128	60064	5.561	ng	Qvalue 97

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

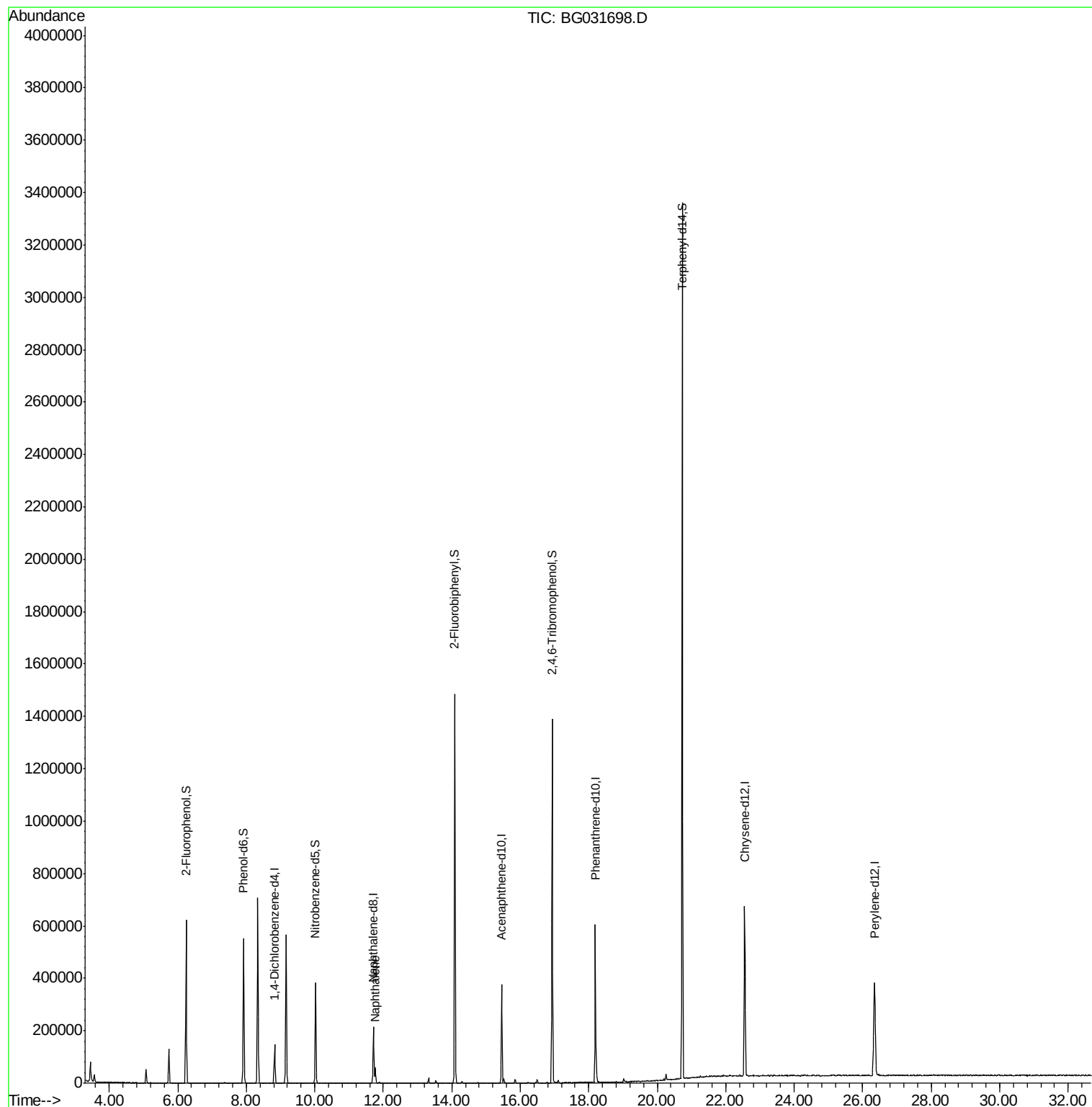
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031698.D
Acq On : 22 Dec 2017 6:46
Operator : SJ/JU
Sample : I6990-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

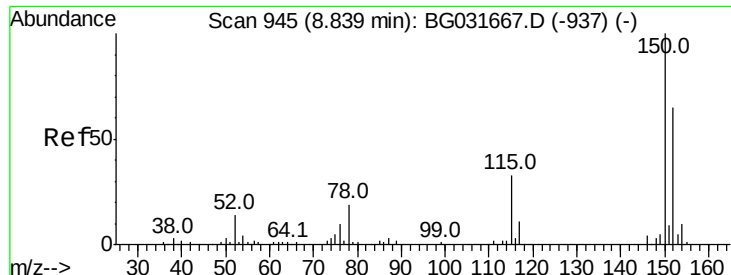
Instrument :
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#1

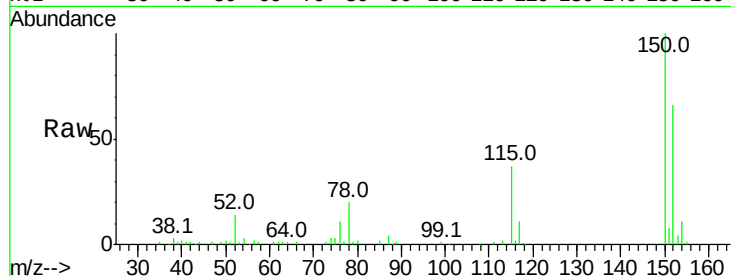
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031698.D
Acq: 22 Dec 2017 6:46

Instrument :
BNA_G
ClientSampleId :
MH-CONCRETE

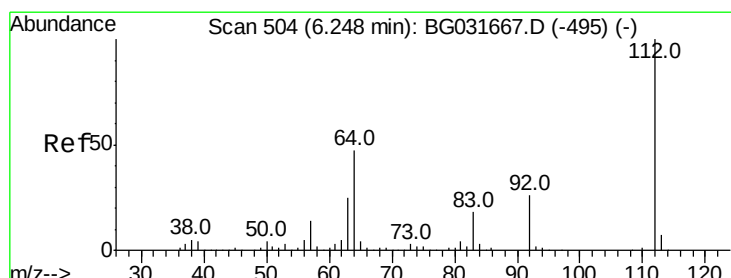
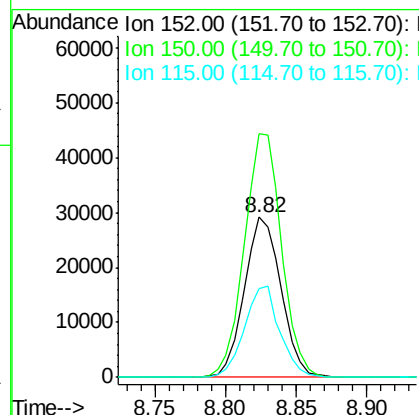
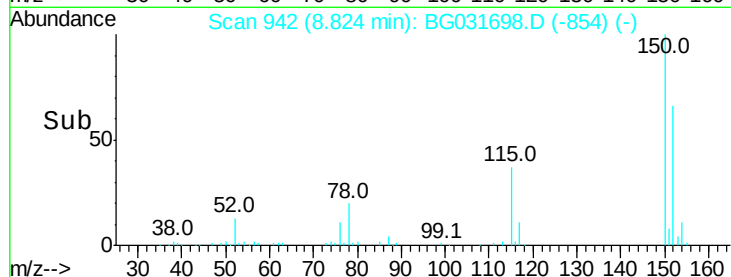
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.6	189.8
115	55.5	53.0	79.4

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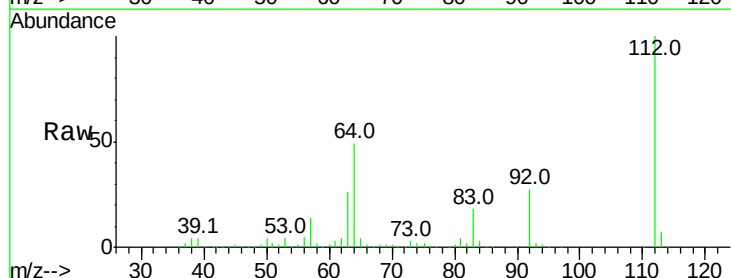
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



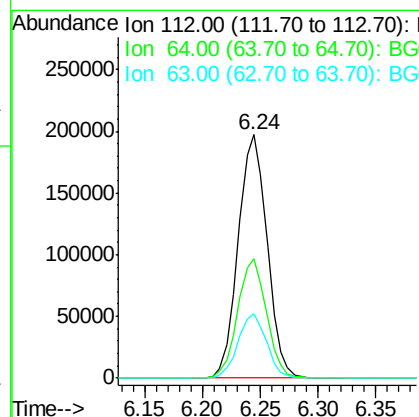
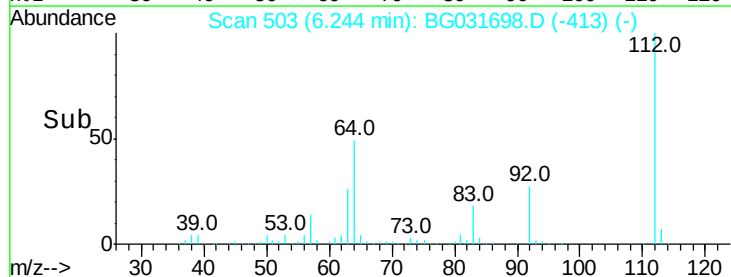
#5

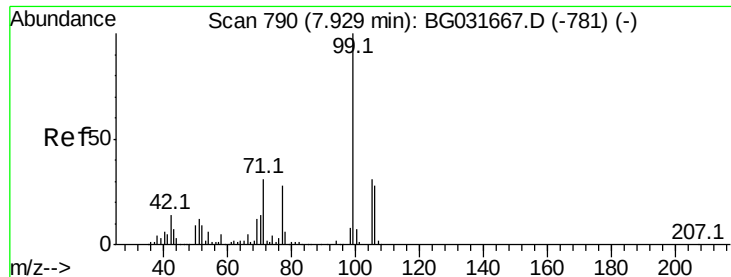
2-Fluorophenol
Concen: 117.433 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031698.D
Acq: 22 Dec 2017 6:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.0	56.3	84.5#
63	26.4	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: 103.241 ng

RT: 7.92 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031698.D

Acq: 22 Dec 2017 6:46

Instrument :

BNA_G

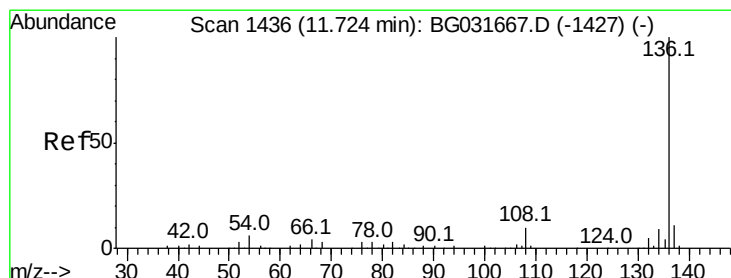
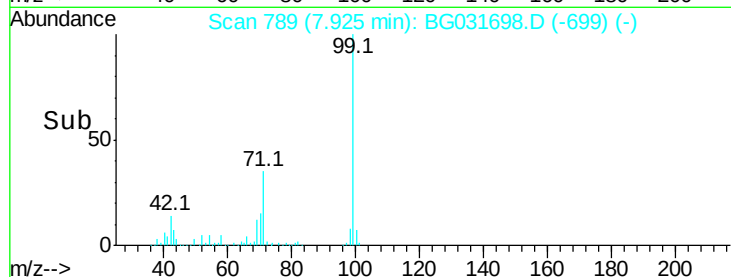
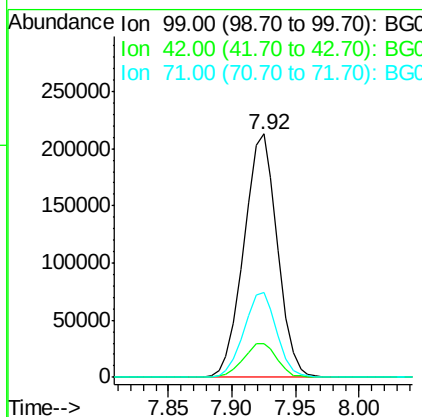
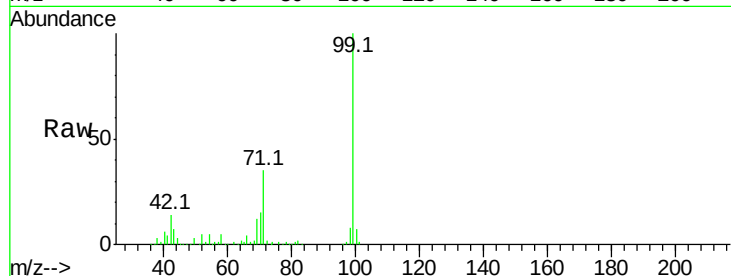
ClientSampled :

MH-CONCRETE

Tot Ion:	99	Resp:	390799
Ion Ratio	Lower	Upper	
99	100		
42	13.6	14.1	21.1#
71	35.1	26.1	39.1

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#21

Naphthalene-d8

Concen: 20.000 ng

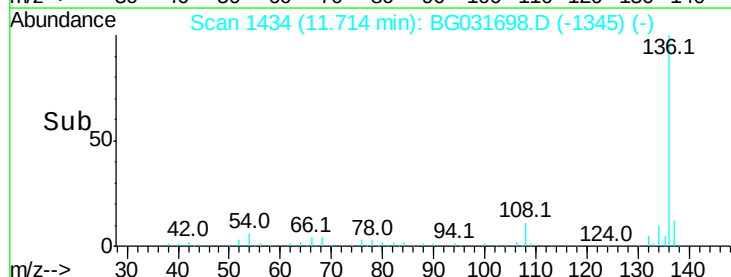
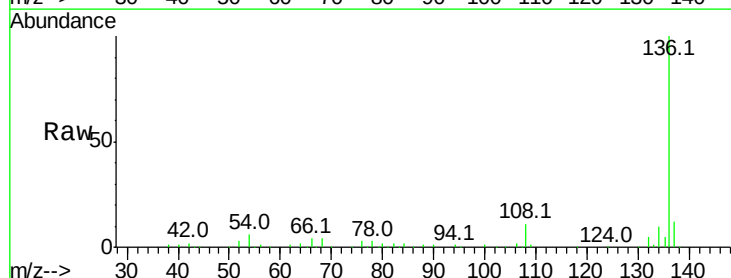
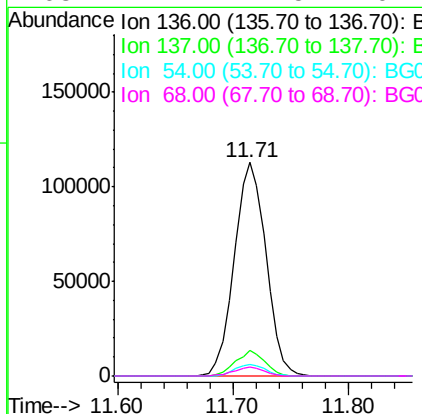
RT: 11.71 min Scan# 1434

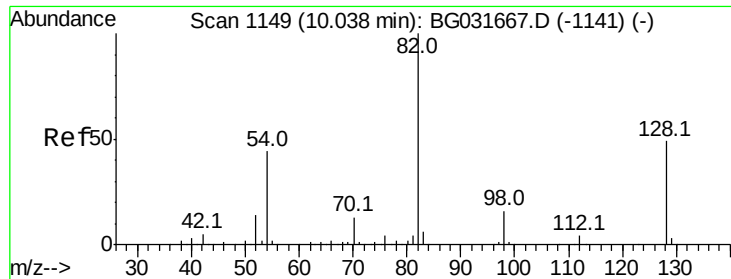
Delta R.T. -0.01 min

Lab File: BG031698.D

Acq: 22 Dec 2017 6:46

Tgt Ion:	136	Resp:	214000
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.2	13.8
54	5.5	10.3	15.5#
68	4.1	4.5	6.7#





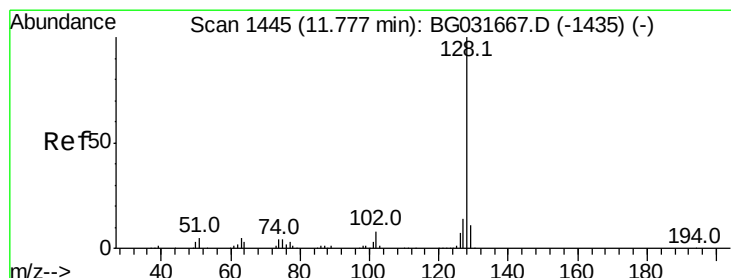
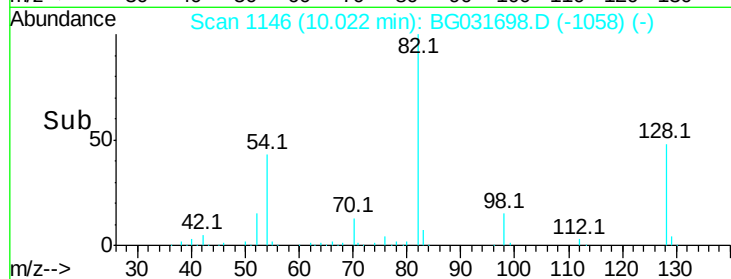
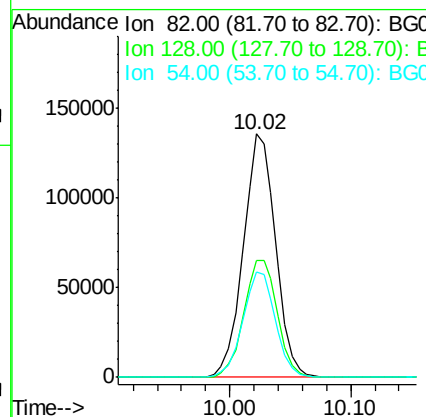
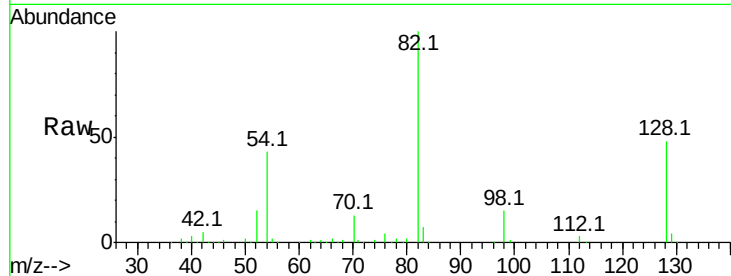
#23
 Nitrobenzene-d5
 Concen: 88.705 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BG031698.D
 Acq: 22 Dec 2017 6:46

Instrument :
 BNA_G
 ClientSampleId :
 MH-CONCRETE

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	29.7	44.5#
54	43.1	43.1	64.7#

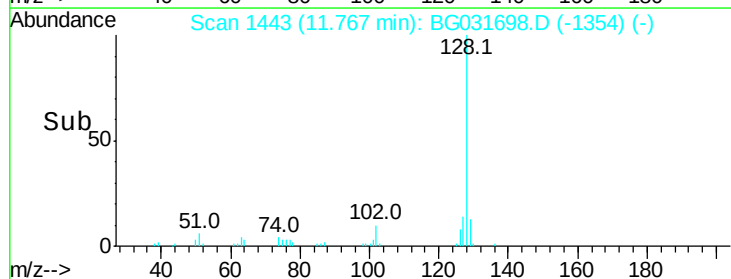
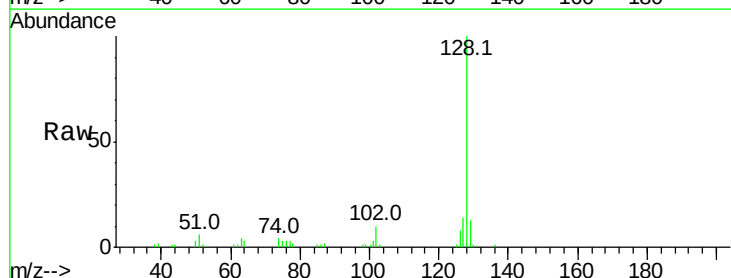
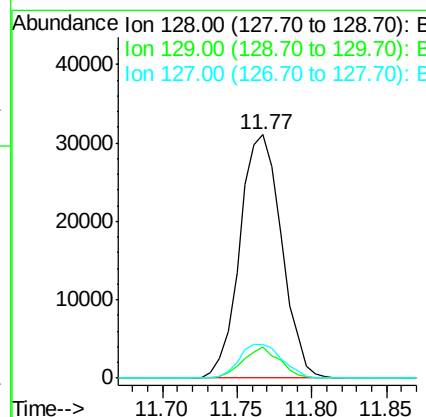
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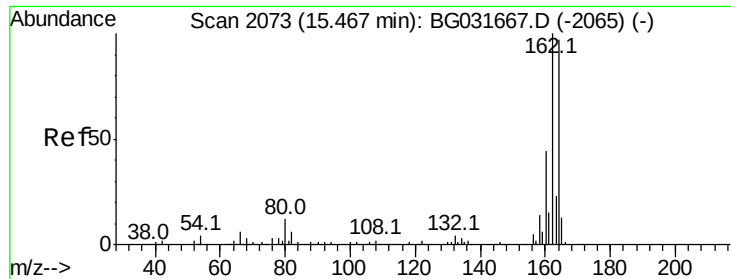
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#31
 Naphthalene
 Concen: 5.561 ng
 RT: 11.77 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BG031698.D
 Acq: 22 Dec 2017 6:46

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.6	12.8
127	13.7	11.6	17.4





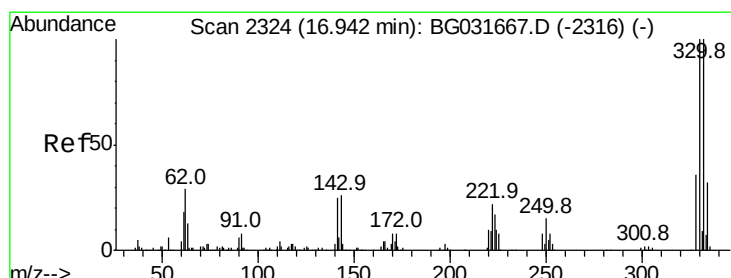
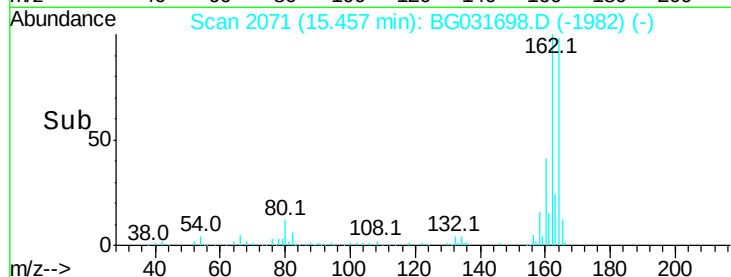
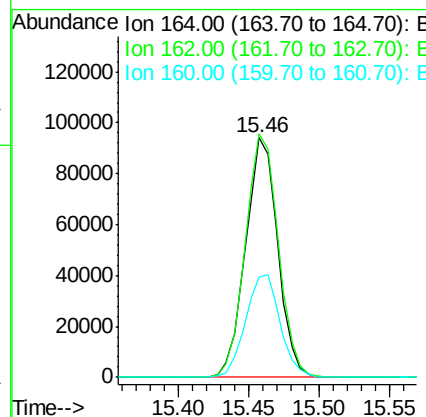
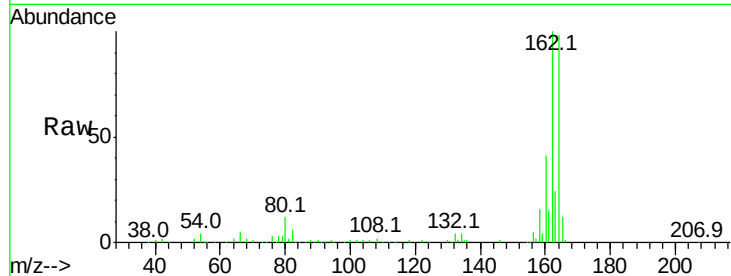
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG031698.D
 Acq: 22 Dec 2017 6:46

Instrument :
 BNA_G
 ClientSampleId :
 MH-CONCRETE

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.8	118.2
160	41.8	35.4	53.0

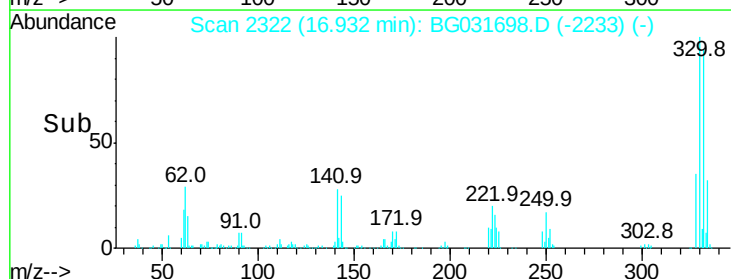
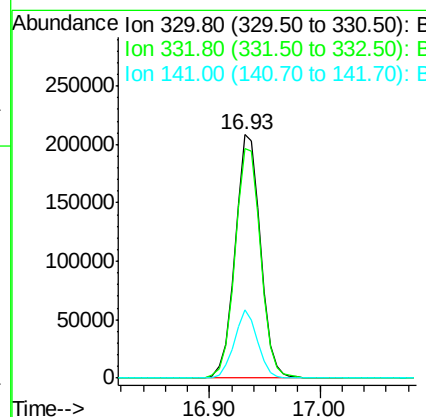
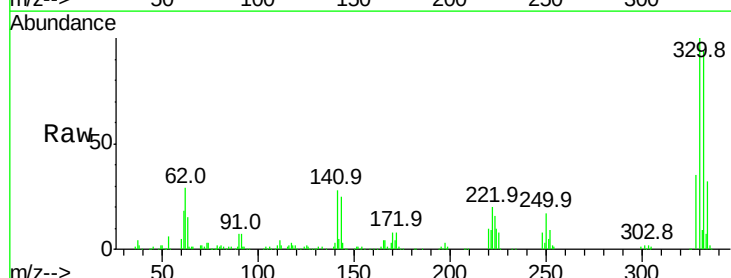
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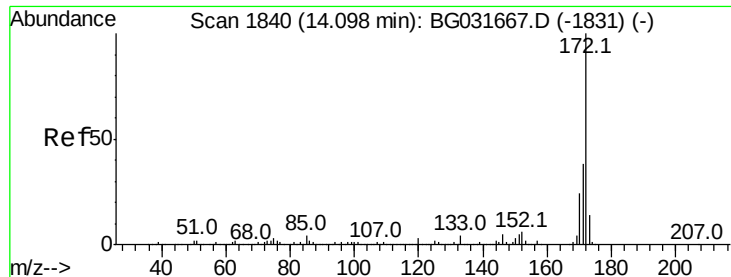
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#41
 2,4,6-Tribromophenol
 Concen: 146.036 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031698.D
 Acq: 22 Dec 2017 6:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	26.1	25.2	37.8





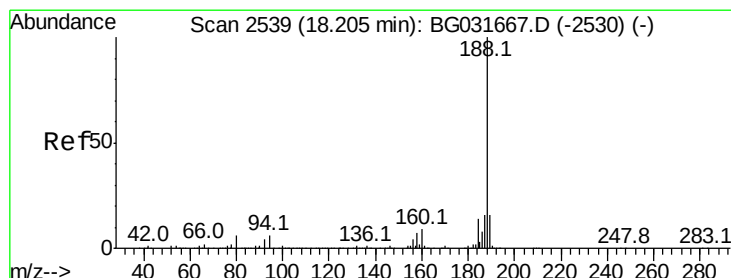
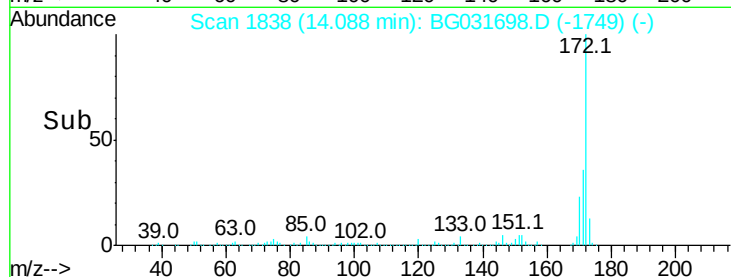
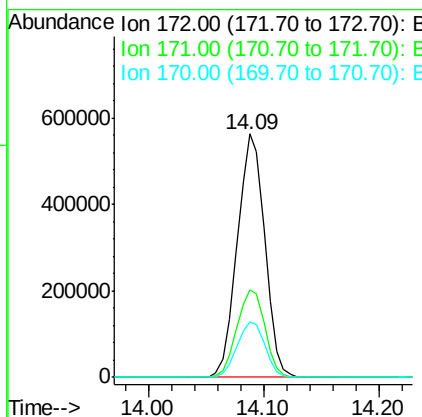
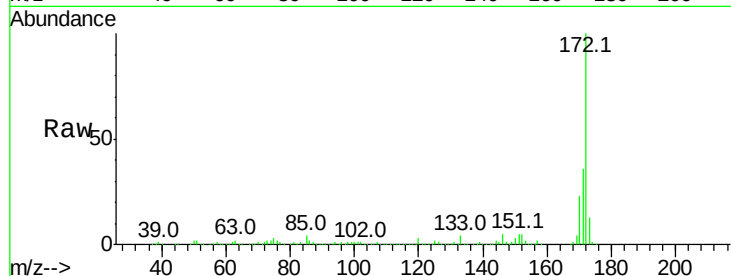
#44
2-Fluorobiphenyl
Concen: 77.410 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031698.D
Acq: 22 Dec 2017 6:46

Instrument :
BNA_G
ClientSampleId :
MH-CONCRETE

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	23.0	19.5	29.3

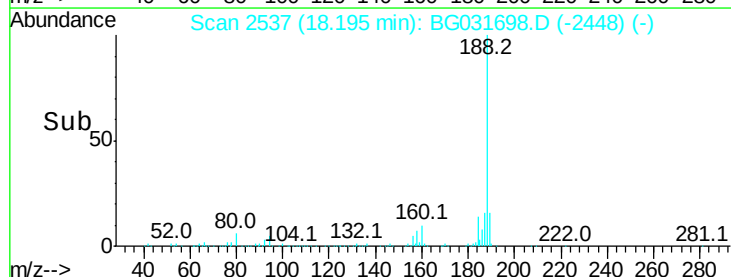
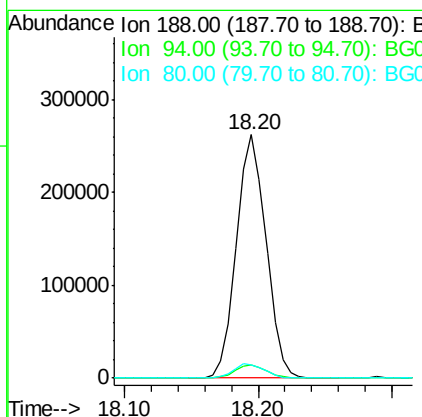
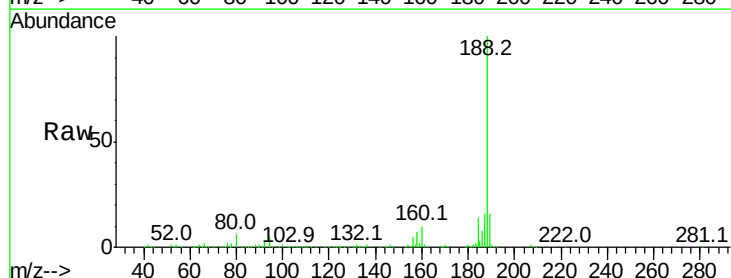
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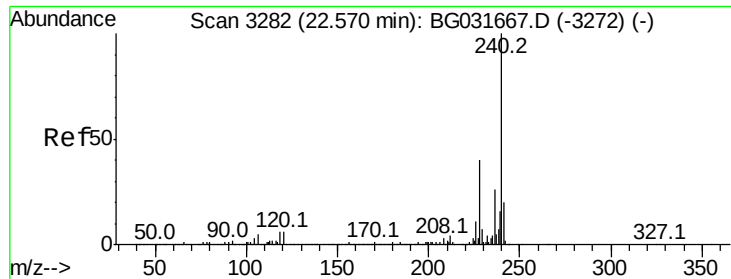
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031698.D
Acq: 22 Dec 2017 6:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	5.6	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.02 min

Lab File: BG031698.D

Acq: 22 Dec 2017 6:46

Instrument :

BNA_G

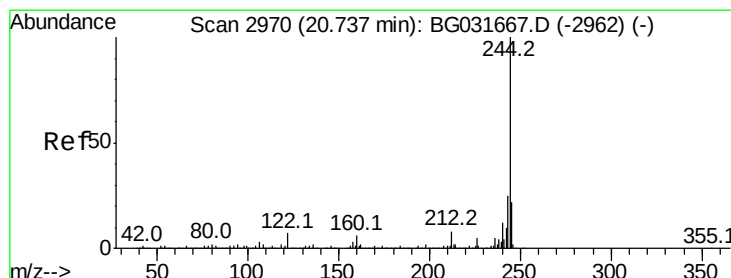
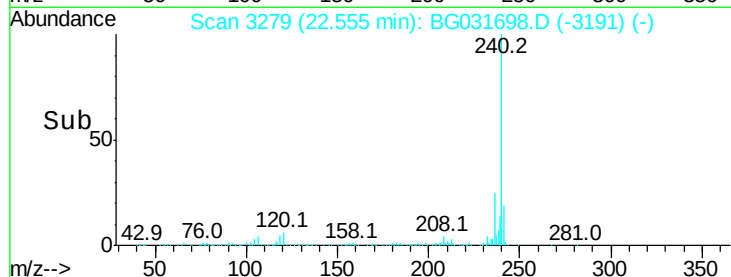
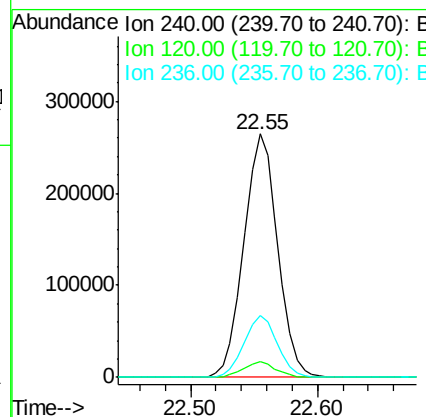
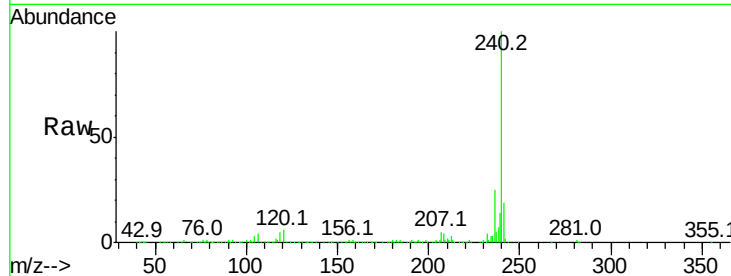
ClientSampleId :

MH-CONCRETE

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	25.2	20.9	31.3

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#78

Terphenyl-d14

Concen: 88.229 ng

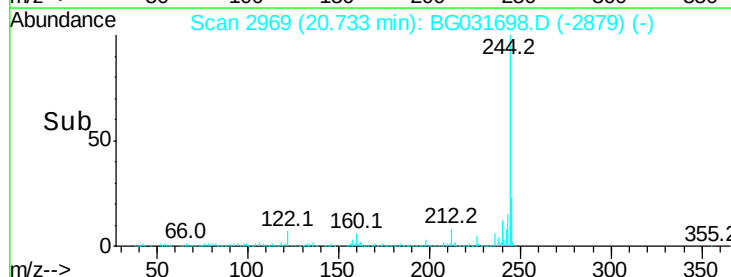
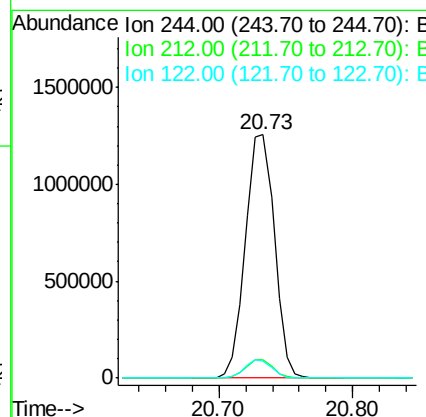
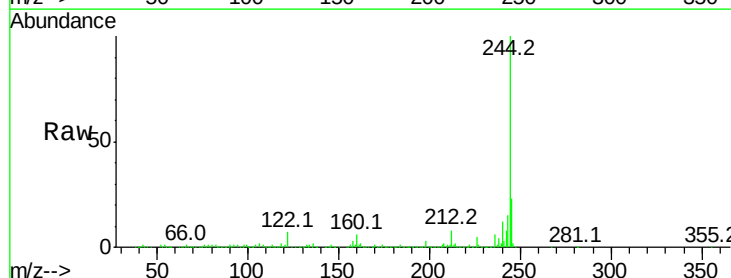
RT: 20.73 min Scan# 2969

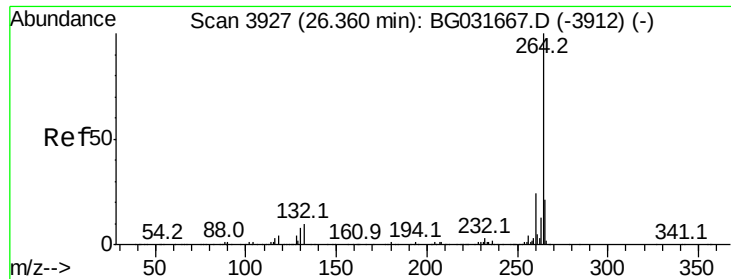
Delta R.T. -0.00 min

Lab File: BG031698.D

Acq: 22 Dec 2017 6:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	7.0	7.0	10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.34 min Scan# 3923
Delta R.T. -0.02 min
Lab File: BG031698.D
Acq: 22 Dec 2017 6:46

Instrument :
BNA_G
ClientSampleId :
MH-CONCRETE

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.2	17.4	26.0
265	22.7	17.7	26.5

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