

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036295.D
 Acq On : 11 Aug 2018 9:50
 Operator : JU/SJ
 Sample : J4388-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Aug 13 01:16:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	25904	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	86924	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	67696	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	181480	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	200938	20.00	ng	-0.02
86) Perylene-d12	24.83	264	160965	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	200135	128.27	ng	-0.01
7) Phenol-d6	7.18	99	258457	111.03	ng	-0.01
23) Nitrobenzene-d5	9.17	82	216234	103.92	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	120586	135.14	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	486775	96.34	ng	-0.02
78) Terphenyl-d14	19.98	244	998700	109.56	ng	-0.02

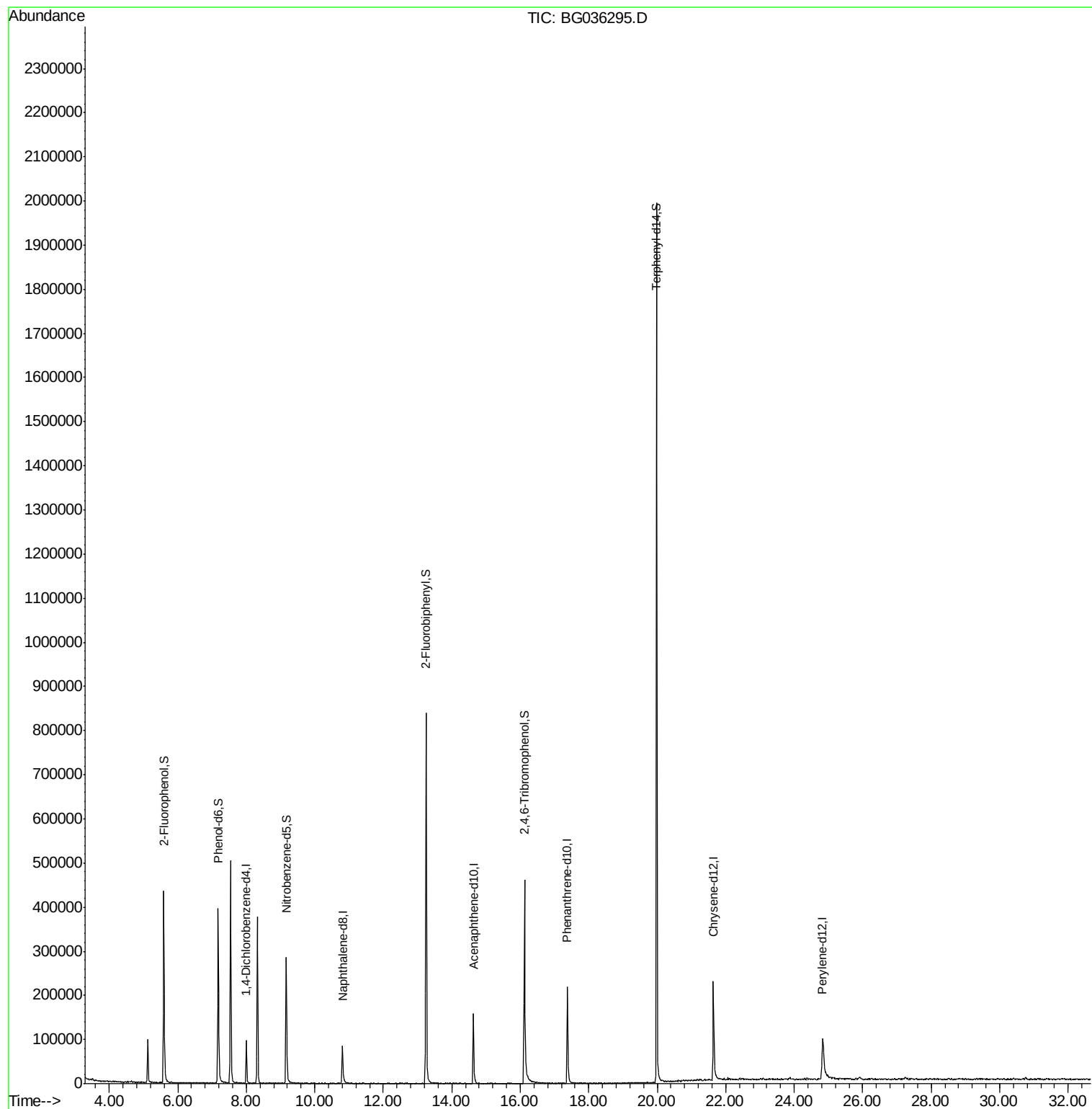
Target Compounds	Qvalue
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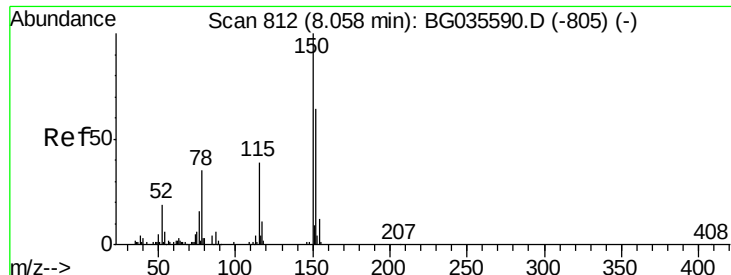
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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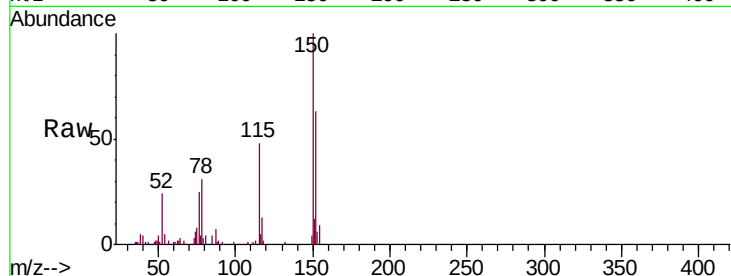


#1

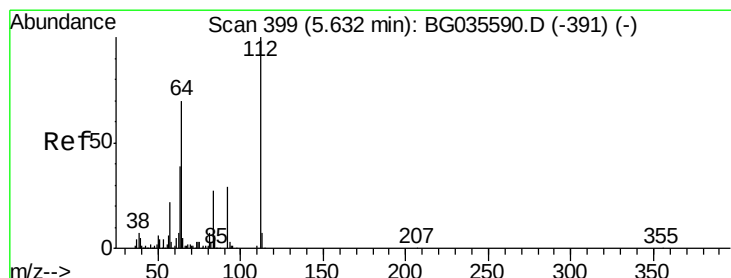
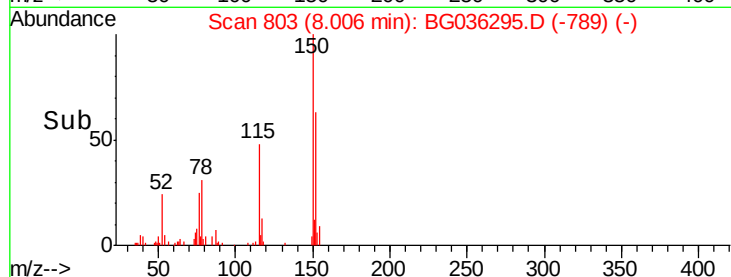
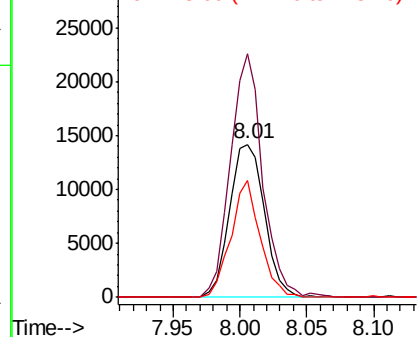
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036295.D
Acq: 11 Aug 2018 9:50

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:152 Resp: 25904
Ion Ratio Lower Upper
152 100
150 159.2 126.6 189.8
115 76.0 53.0 79.4



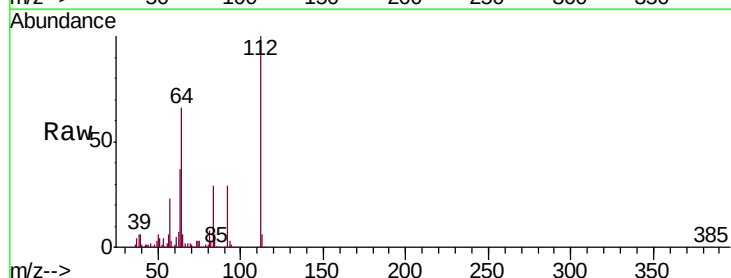
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



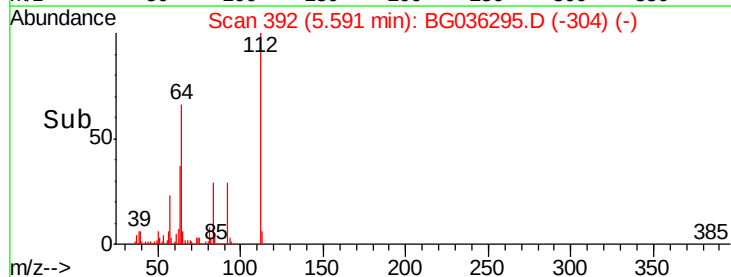
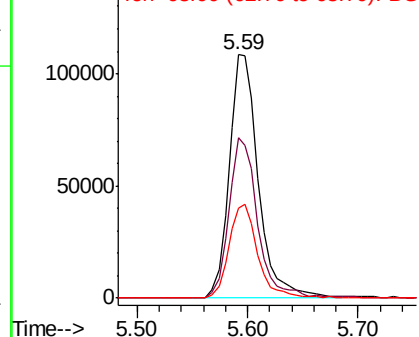
#5

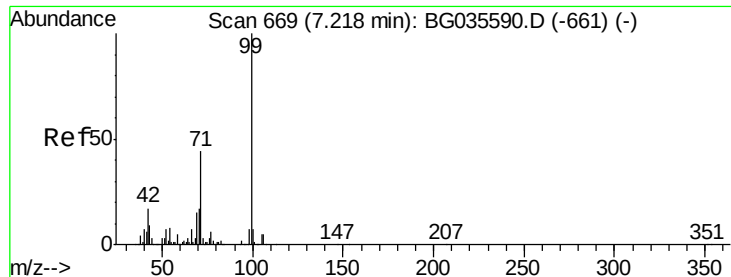
2-Fluorophenol
Concen: 128.270 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG036295.D
Acq: 11 Aug 2018 9:50

Tgt Ion:112 Resp: 200135
Ion Ratio Lower Upper
112 100
64 65.9 56.3 84.5
63 37.1 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: 111.026 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036295.D

Acq: 11 Aug 2018 9:50

Instrument :

BNA_G

ClientSampleId :

COMP-1

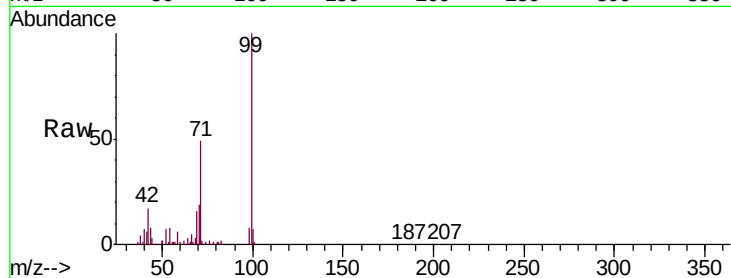
Tgt Ion: 99 Resp: 258457

Ion Ratio Lower Upper

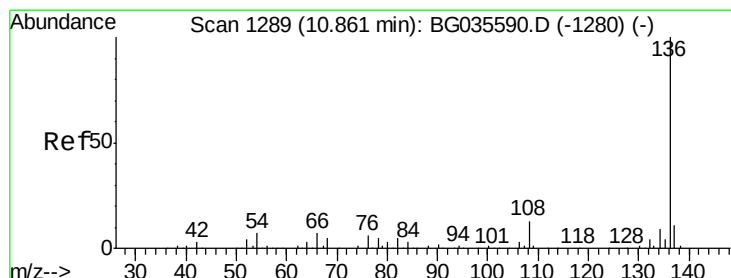
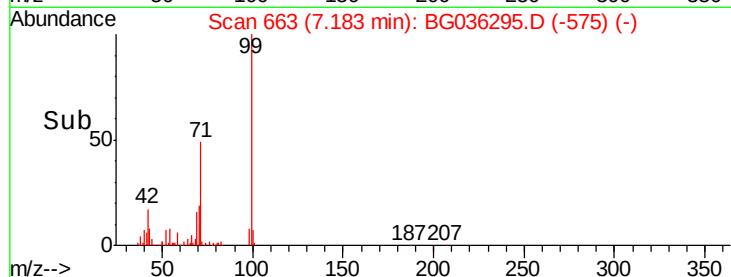
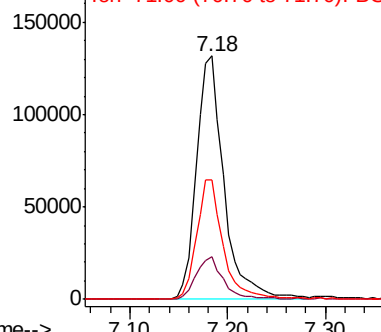
99 100

42 17.3 14.1 21.1

71 49.0 26.1 39.1#



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: 20.000 ng

RT: 10.81 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BG036295.D

Acq: 11 Aug 2018 9:50

Tgt Ion: 136 Resp: 86924

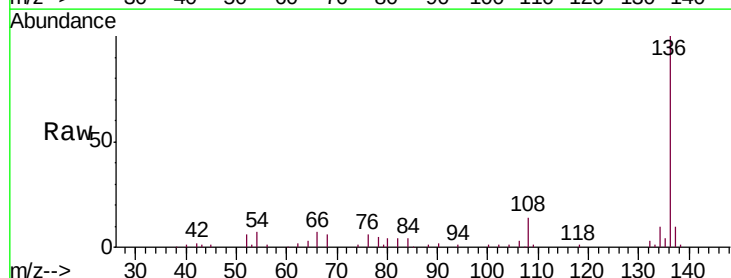
Ion Ratio Lower Upper

136 100

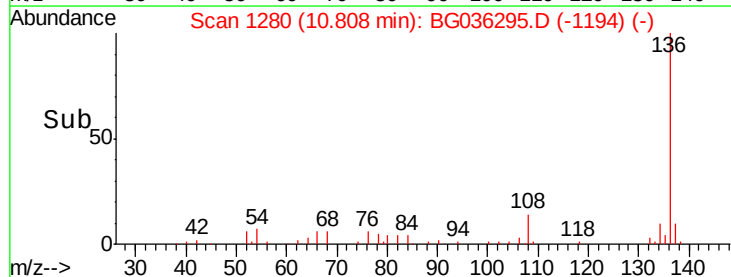
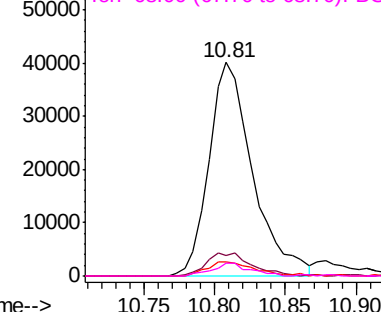
137 9.8 9.2 13.8

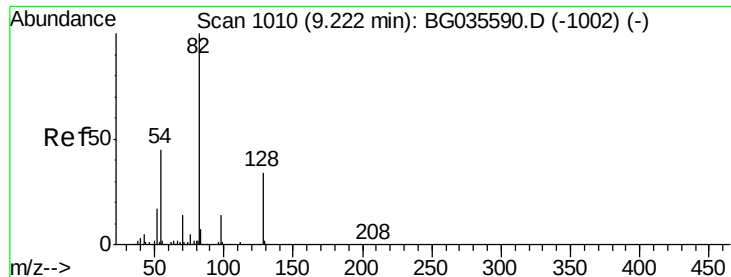
54 6.7 10.3 15.5#

68 6.1 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

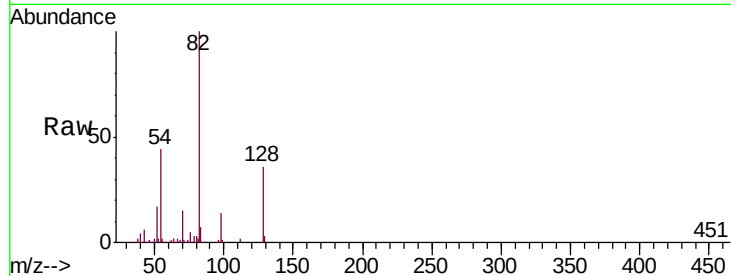




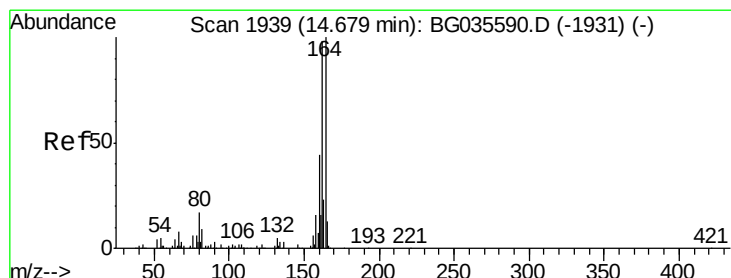
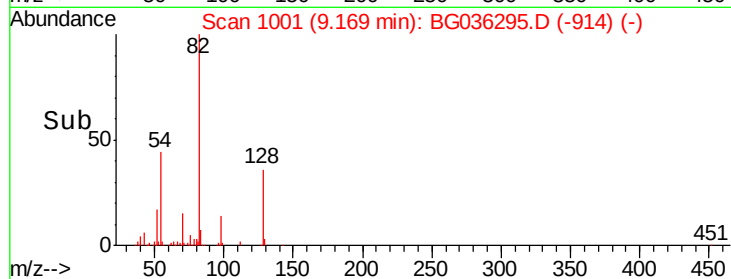
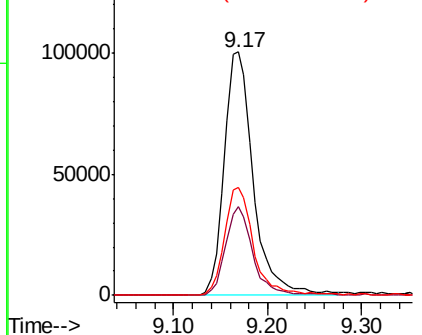
#23
 Nitrobenzene-d5
 Concen: 103.920 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036295.D
 Acq: 11 Aug 2018 9:50

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Tgt Ion: 82 Resp: 216234
 Ion Ratio Lower Upper
 82 100
 128 36.4 29.7 44.5
 54 44.5 43.1 64.7

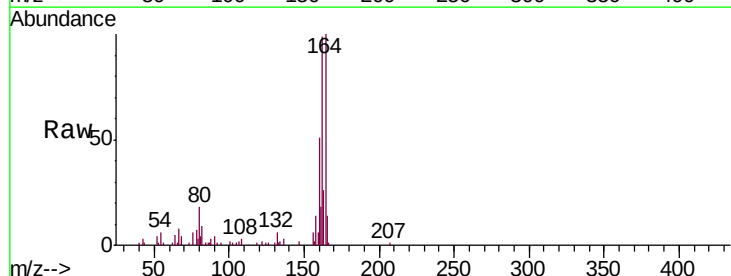


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

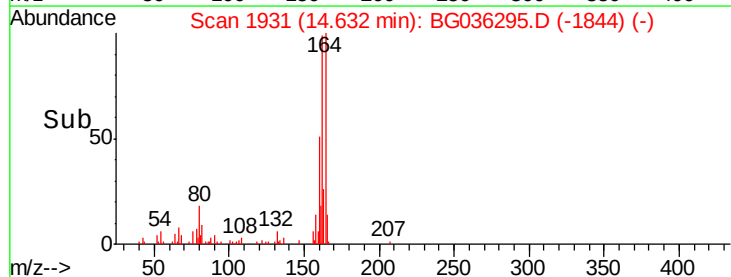
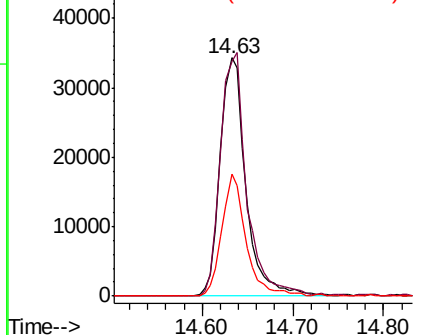


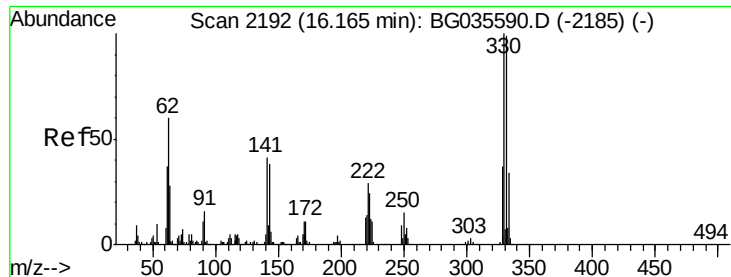
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036295.D
 Acq: 11 Aug 2018 9:50

Tgt Ion: 164 Resp: 67696
 Ion Ratio Lower Upper
 164 100
 162 98.7 78.8 118.2
 160 51.3 35.4 53.0



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

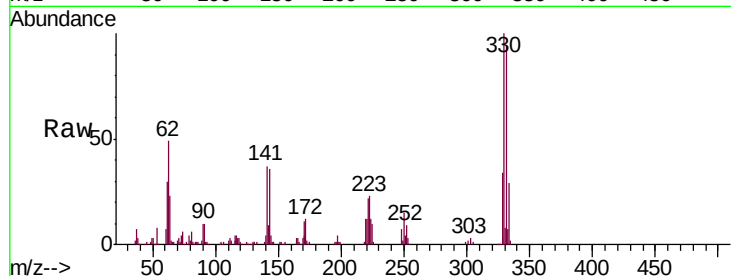




#41
 2,4,6-Tribromophenol
 Concen: 135.144 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036295.D
 Acq: 11 Aug 2018 9:50

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	37.3	25.2	37.8

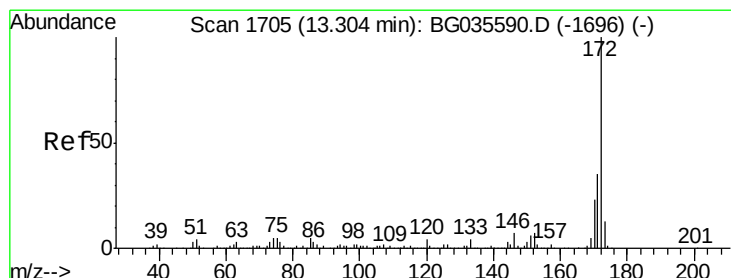
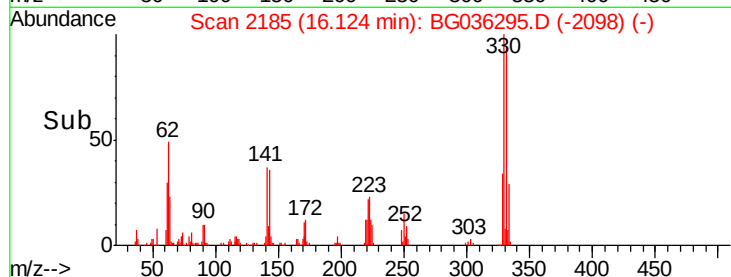
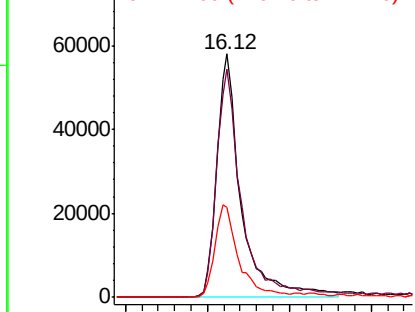


Abundance

Ion 329.80 (329.50 to 330.50): E

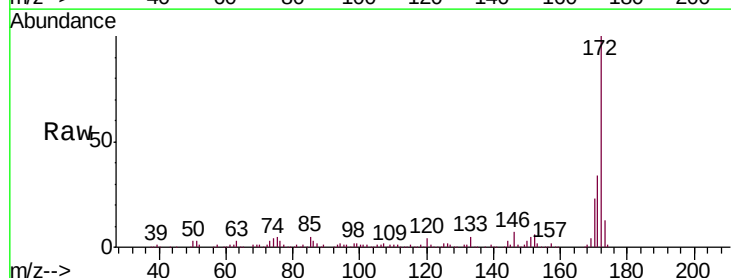
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.335 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036295.D
 Acq: 11 Aug 2018 9:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	30.0	45.0
170	22.9	19.5	29.3

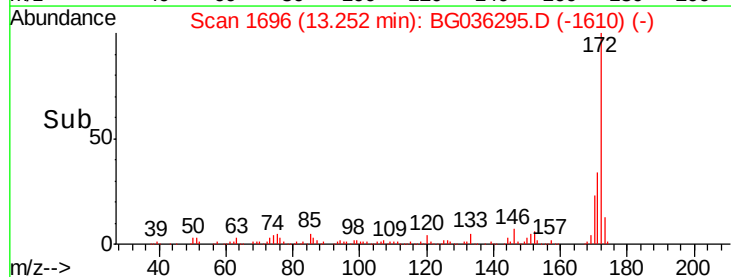
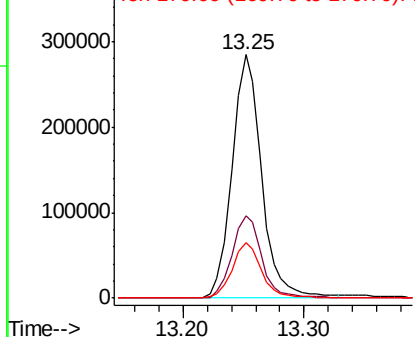


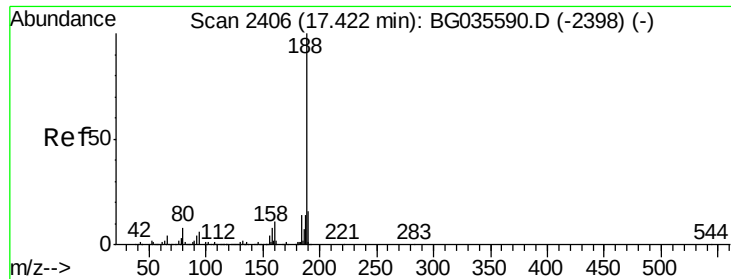
Abundance

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

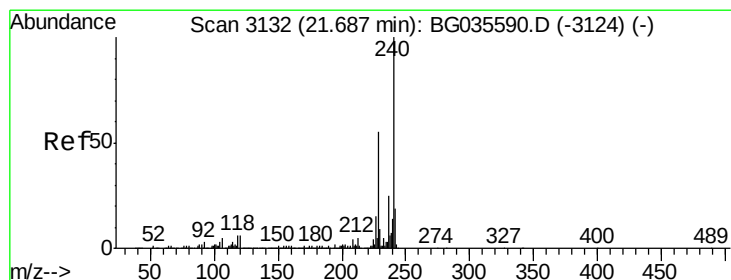
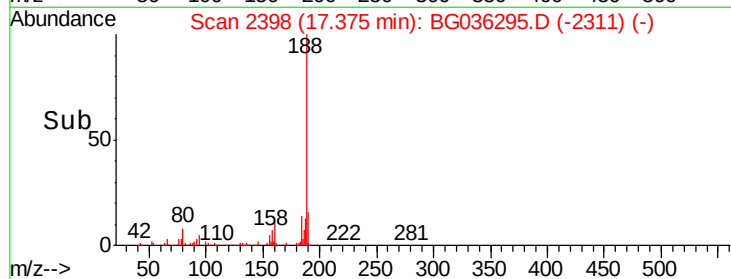
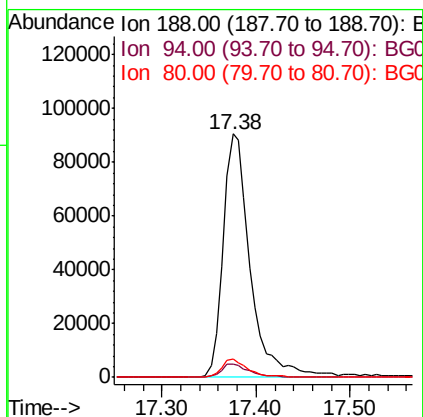
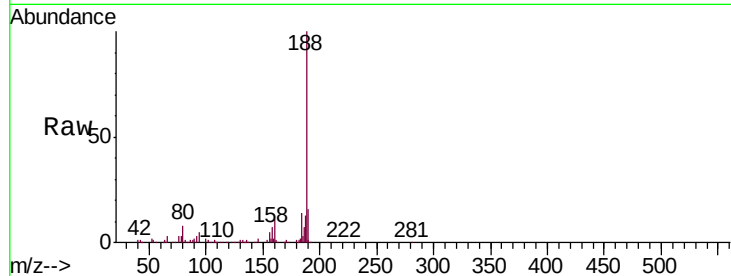




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036295.D
Acq: 11 Aug 2018 9:50

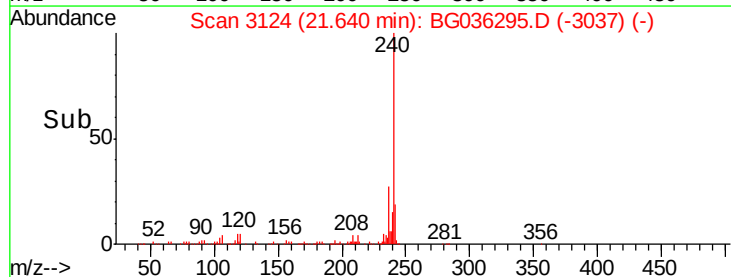
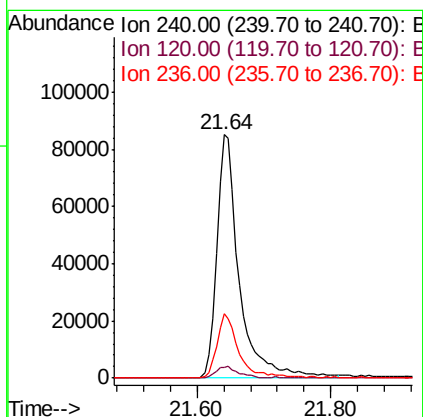
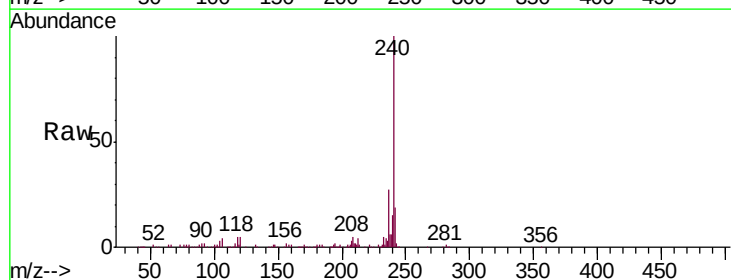
Instrument :
BNA_G
ClientSampleId :
COMP-1

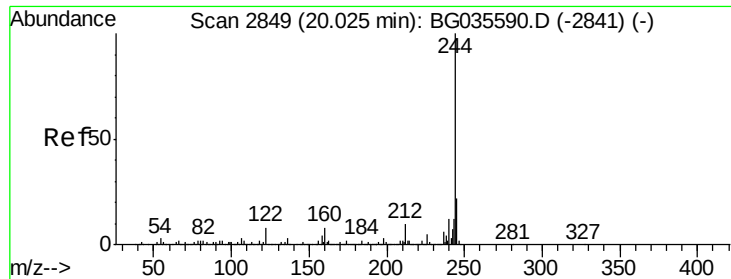
Tgt Ion:188 Resp: 181480
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 7.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036295.D
Acq: 11 Aug 2018 9:50

Tgt Ion:240 Resp: 200938
Ion Ratio Lower Upper
240 100
120 4.6 6.8 10.2#
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 109.558 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036295.D

Acq: 11 Aug 2018 9:50

Instrument :

BNA_G

ClientSampleId :

COMP-1

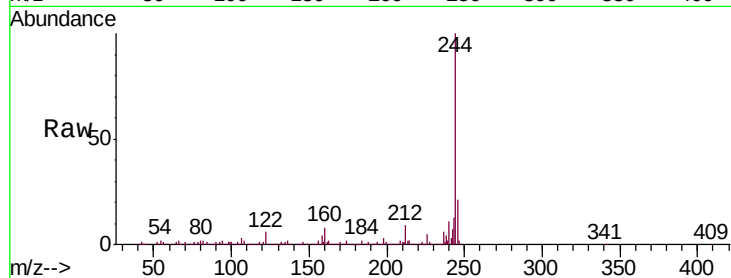
Tgt Ion:244 Resp: 998700

Ion Ratio Lower Upper

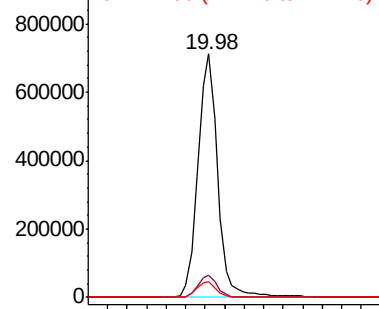
244 100

212 9.4 5.8 8.8#

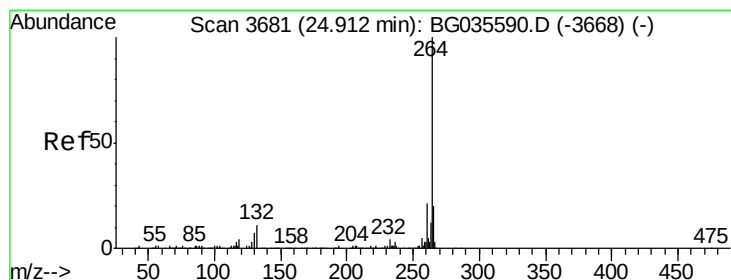
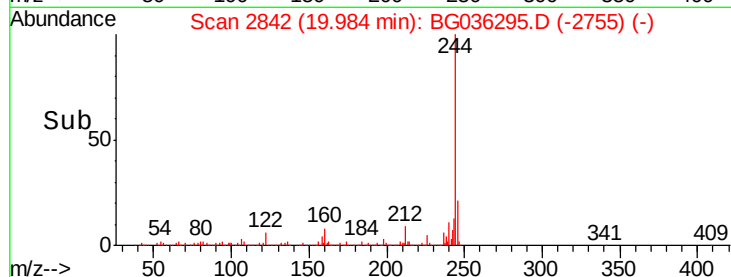
122 6.4 7.0 10.4#



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-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3667

Delta R.T. -0.03 min

Lab File: BG036295.D

Acq: 11 Aug 2018 9:50

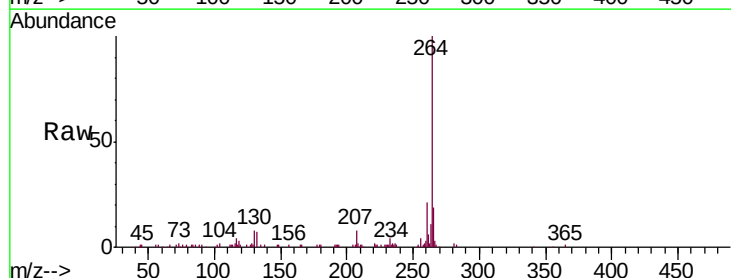
Tgt Ion:264 Resp: 160965

Ion Ratio Lower Upper

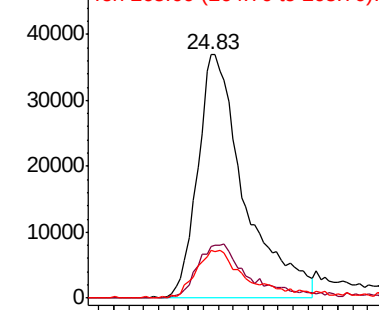
264 100

260 21.5 17.4 26.0

265 19.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->

