

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036074.D
 Acq On : 3 Aug 2018 1:19
 Operator : JU/SJ
 Sample : J4278-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-080118-A

Quant Time: Aug 03 07:43:38 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	8.02	152	28928	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	102522	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	74044	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	217698	20.00	ng	0.00
75) Chrysene-d12	21.65	240	251577	20.00	ng	0.00
86) Perylene-d12	24.85	264	227178	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	244622	140.39	ng	0.00
7) Phenol-d6	7.19	99	320282	123.20	ng	0.00
23) Nitrobenzene-d5	9.18	82	256300	104.43	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	169164	173.33	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	583958	105.66	ng	-0.01
78) Terphenyl-d14	20.00	244	1279883	112.14	ng	0.00

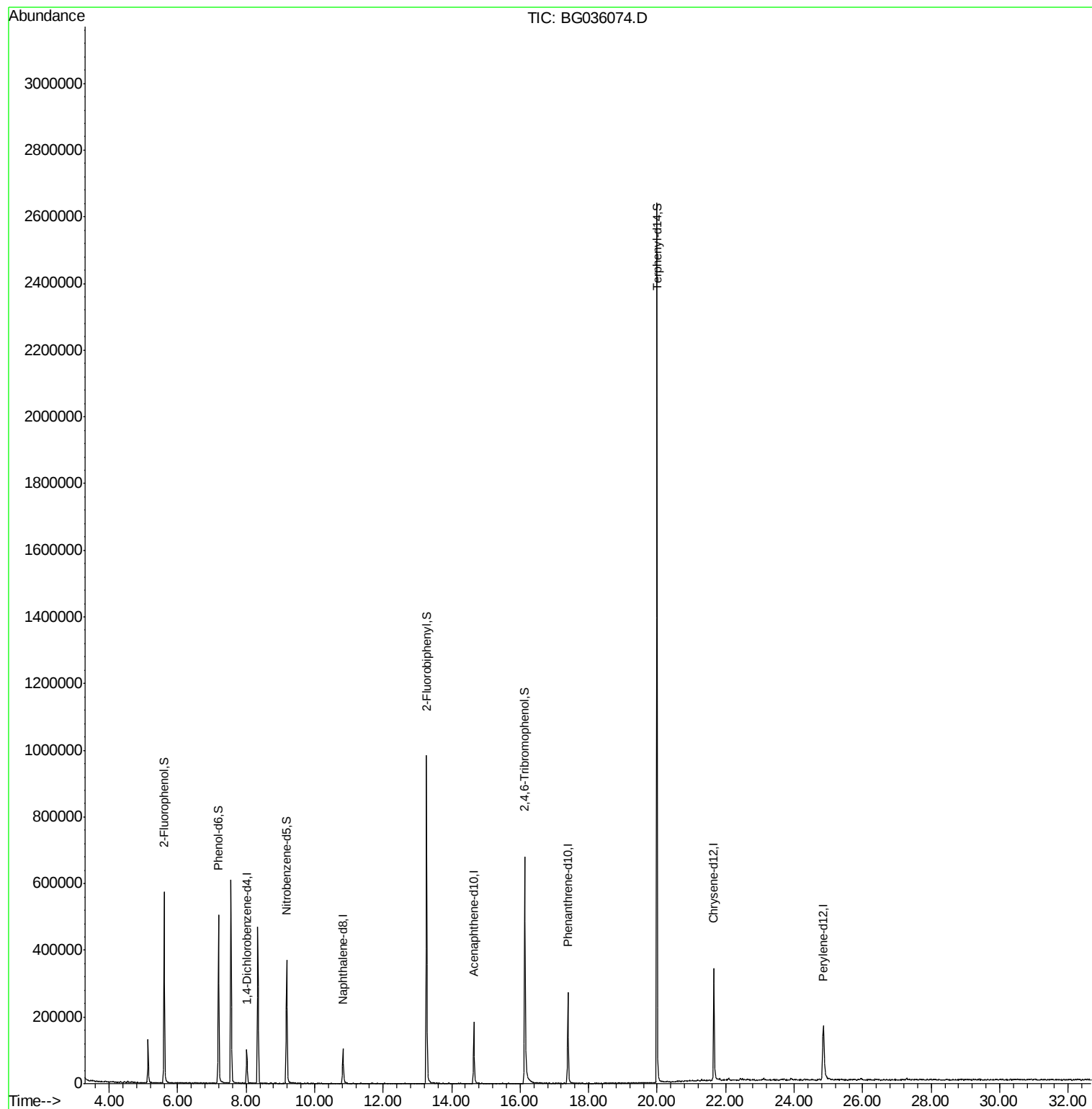
Target Compounds Qvalue

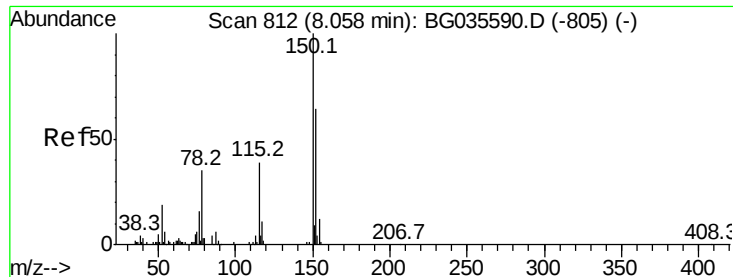
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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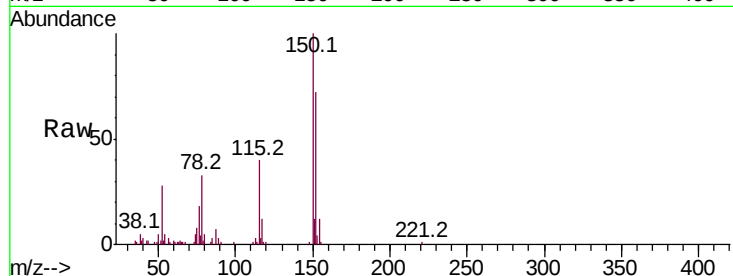


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG036074.D
Acq: 3 Aug 2018 1:19

Instrument :
BNA_G
ClientSampleId :
EO-03-080118-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.2	126.6	189.8
115	55.8	53.0	79.4

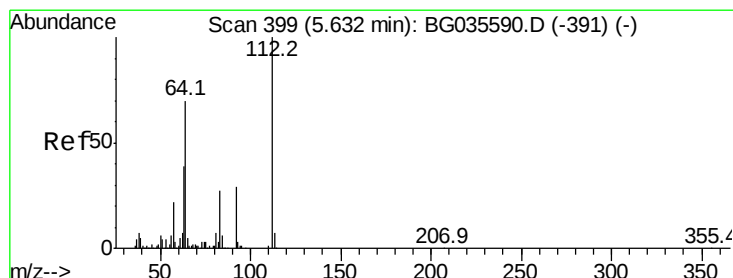
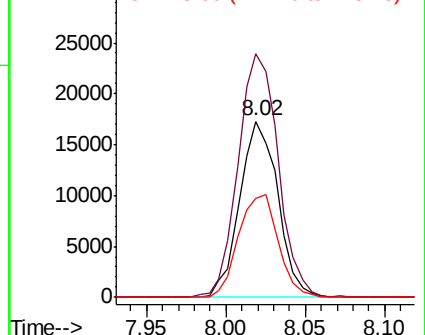
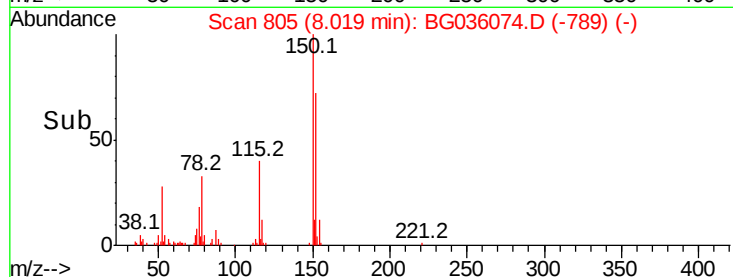


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

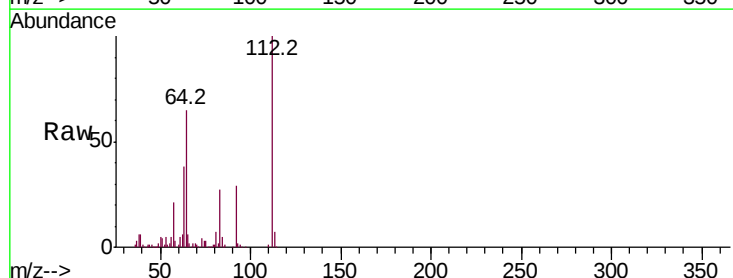
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 140.393 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG036074.D
Acq: 3 Aug 2018 1:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	56.3	84.5
63	37.7	30.1	45.1

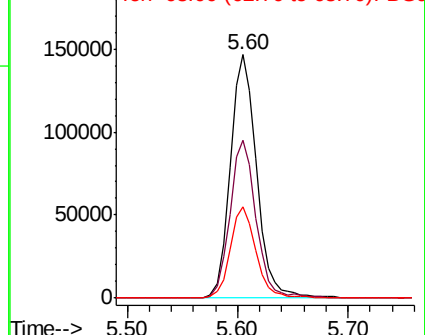
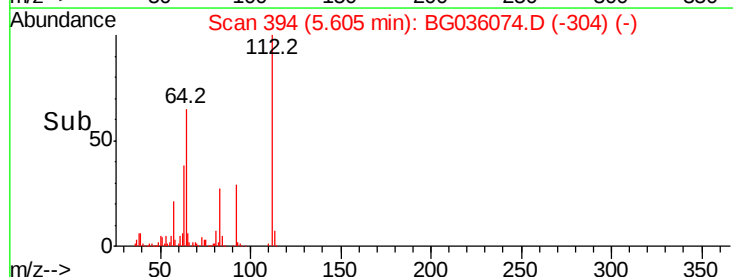


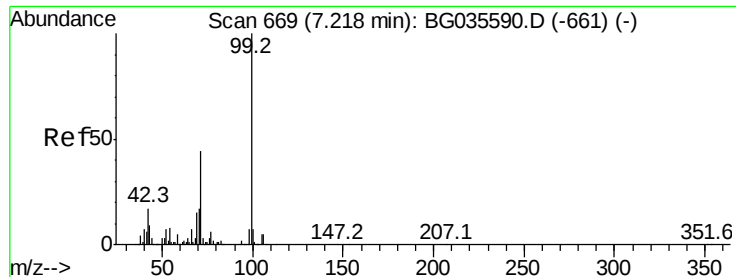
Abundance

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: 123.202 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036074.D

Acq: 3 Aug 2018 1:19

Instrument :

BNA_G

ClientSampleId :

EO-03-080118-A

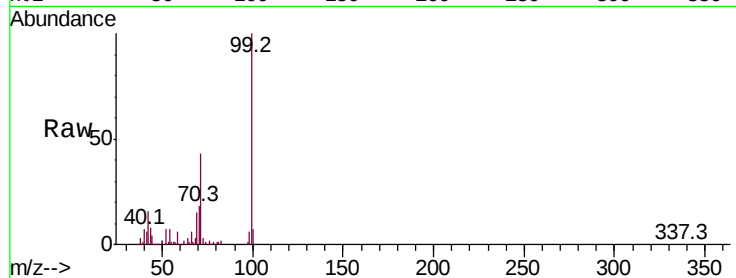
Tot Ion: 99 Resp: 320282

Ion Ratio Lower Upper

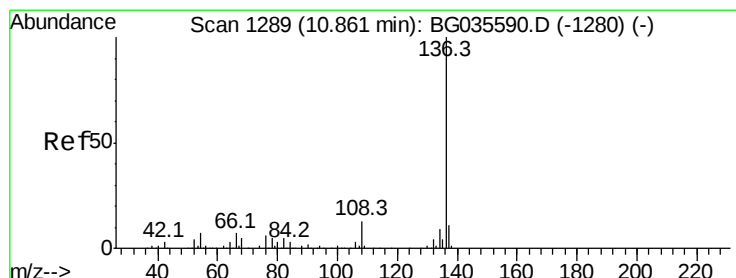
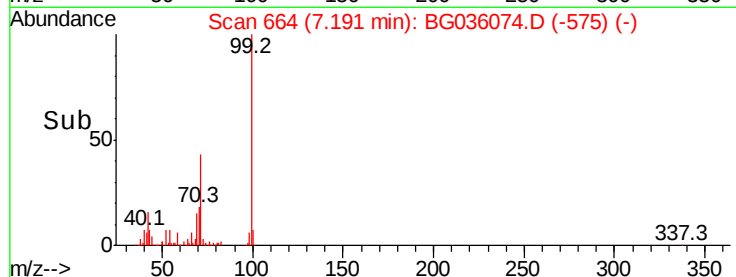
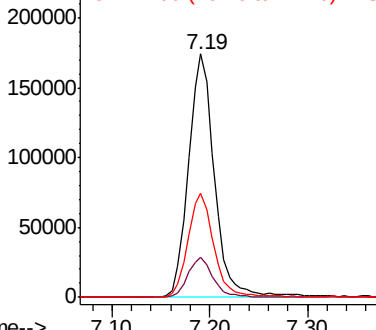
99 100

42 16.3 14.1 21.1

71 43.0 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: 10.82 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG036074.D

Acq: 3 Aug 2018 1:19

Tgt Ion: 136 Resp: 102522

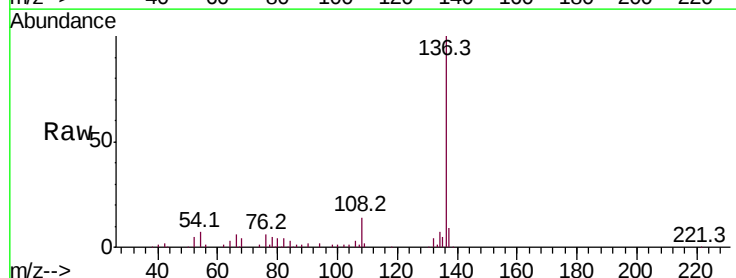
Ion Ratio Lower Upper

136 100

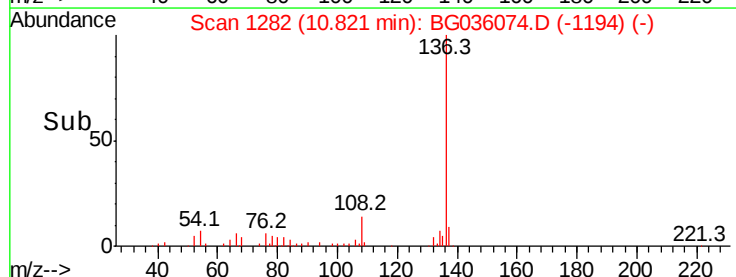
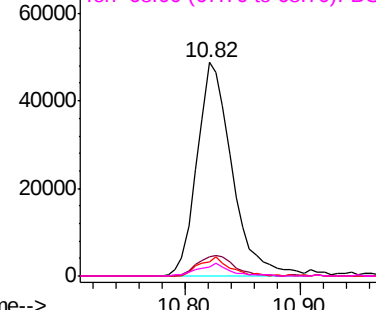
137 9.2 9.2 13.8#

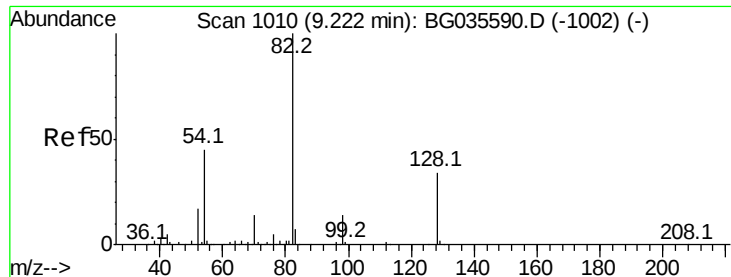
54 6.5 10.3 15.5#

68 4.3 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

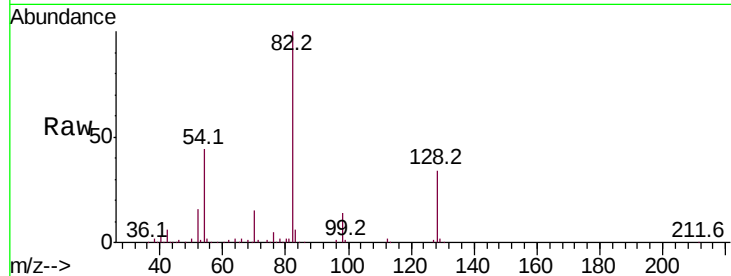




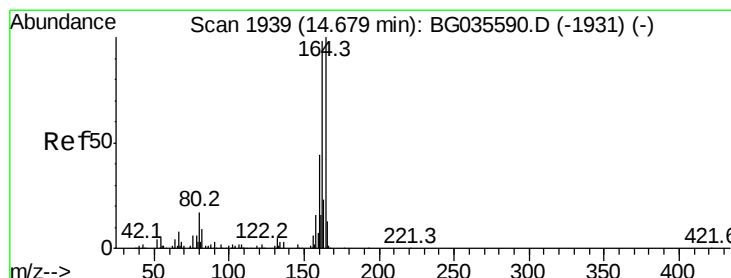
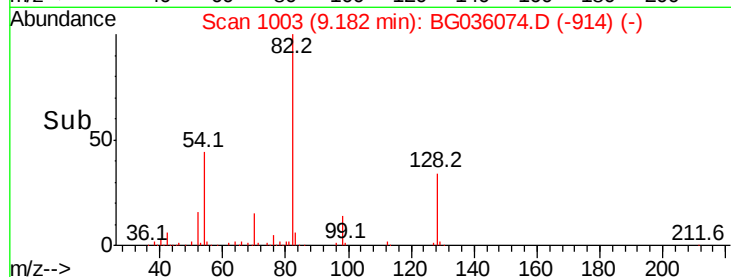
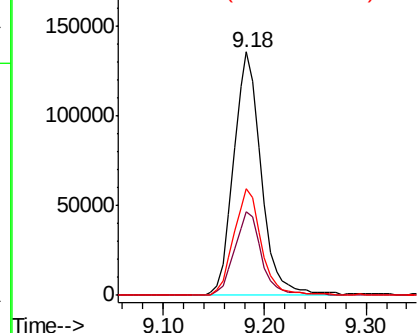
#23
 Nitrobenzene-d5
 Concen: 104.435 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG036074.D
 Acq: 3 Aug 2018 1:19

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-080118-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.7	44.5
54	43.9	43.1	64.7

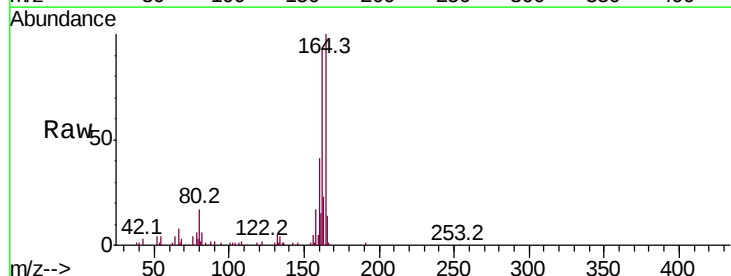


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

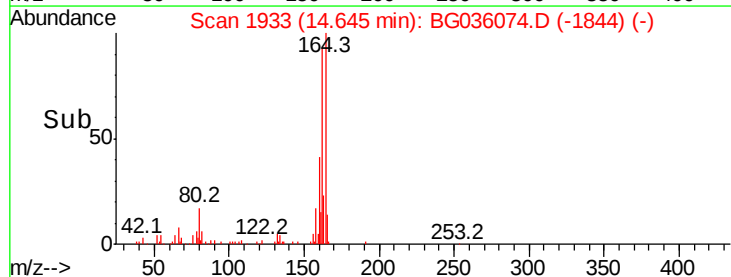
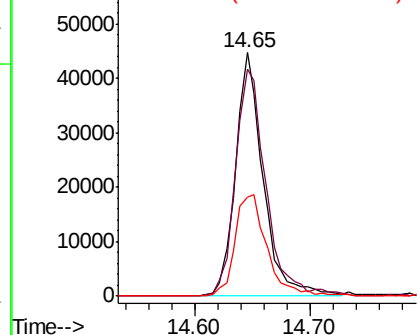


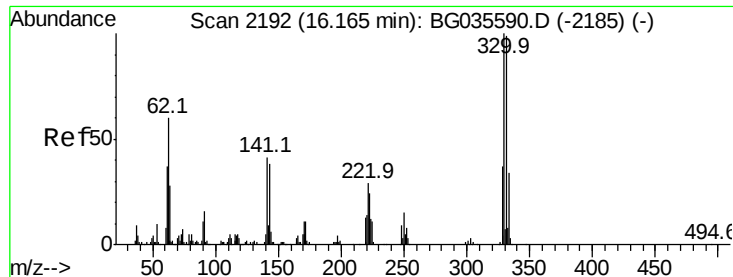
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG036074.D
 Acq: 3 Aug 2018 1:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.2	78.8	118.2
160	40.6	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

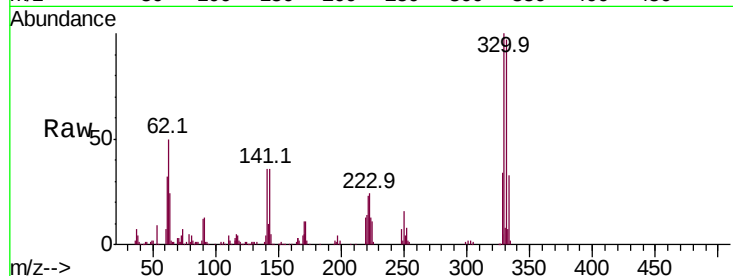




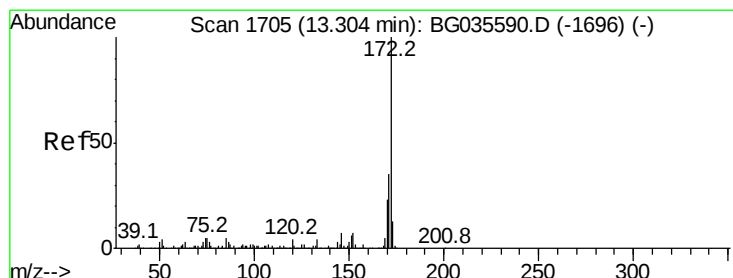
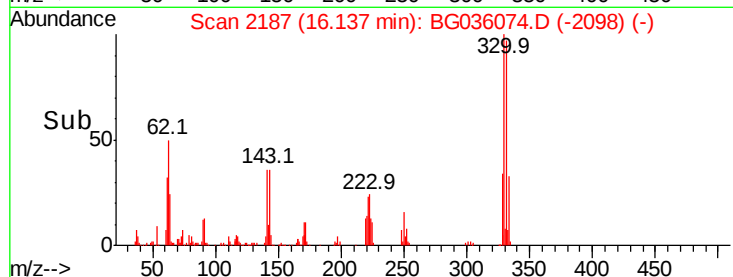
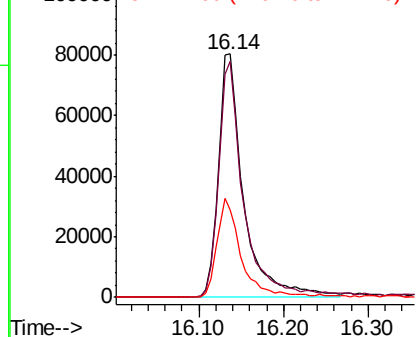
#41
2,4,6-Tribromophenol
Concen: 173.333 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036074.D
Acq: 3 Aug 2018 1:19

Instrument :
BNA_G
ClientSampleId :
EO-03-080118-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	38.7	25.2	37.8#

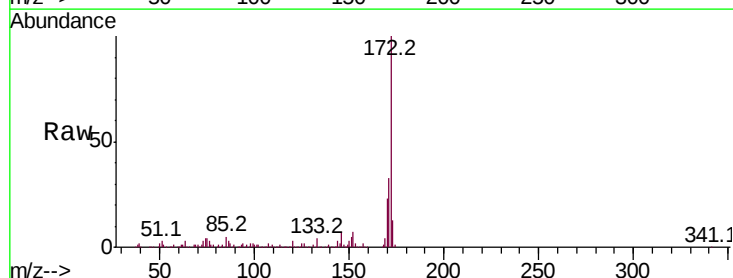


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

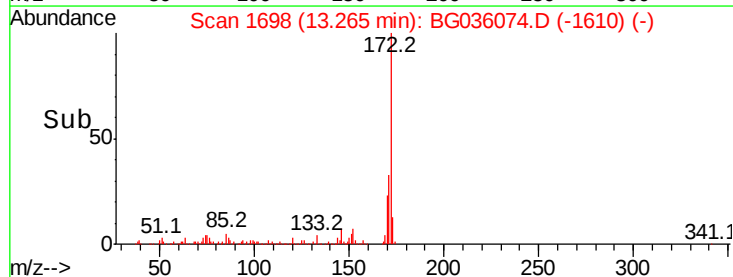
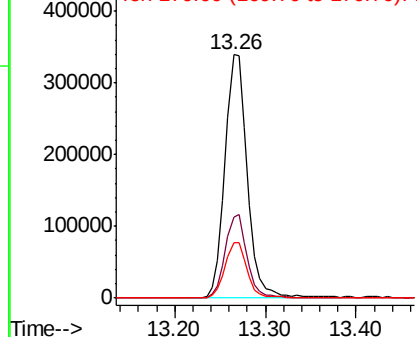


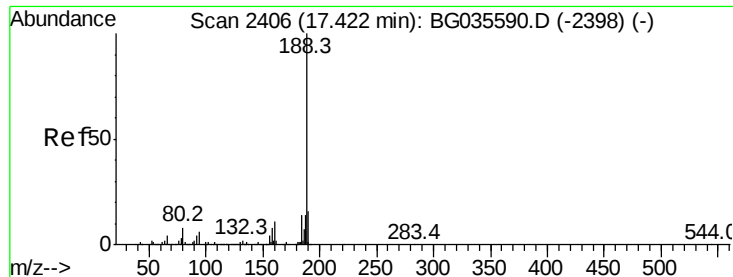
#44
2-Fluorobiphenyl
Concen: 105.660 ng
RT: 13.26 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG036074.D
Acq: 3 Aug 2018 1:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	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

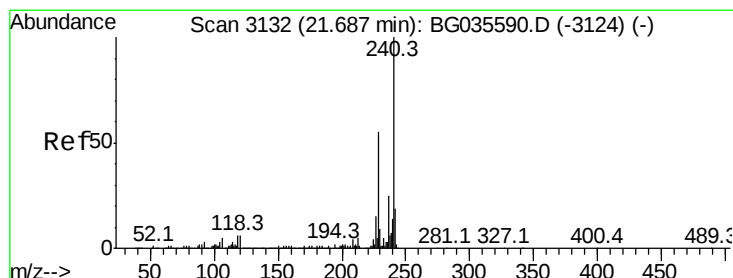
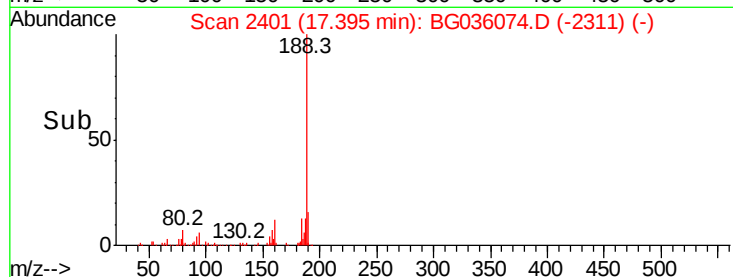
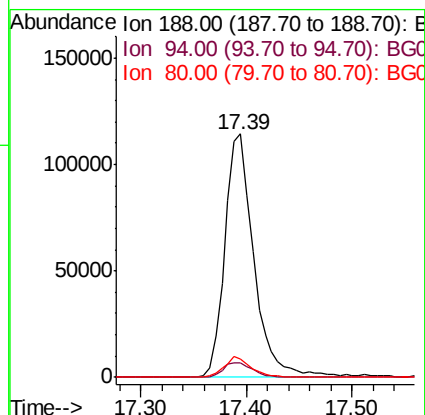
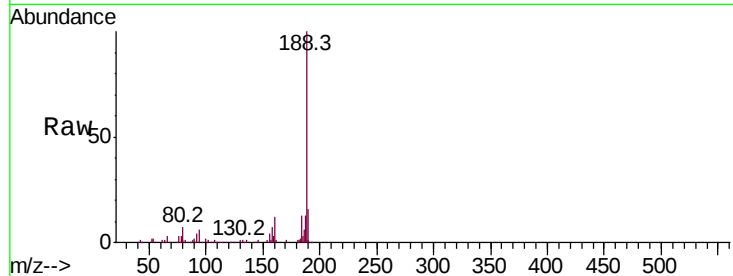




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BG036074.D
Acq: 3 Aug 2018 1:19

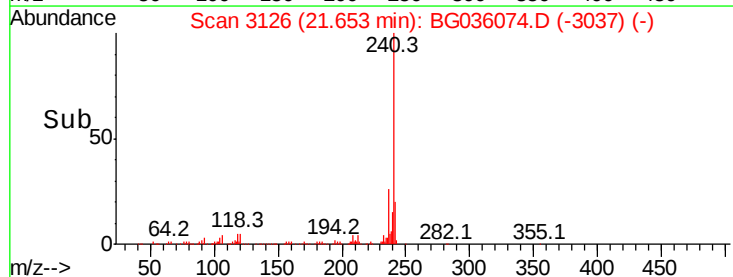
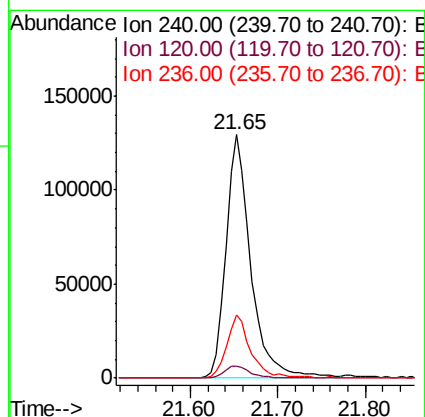
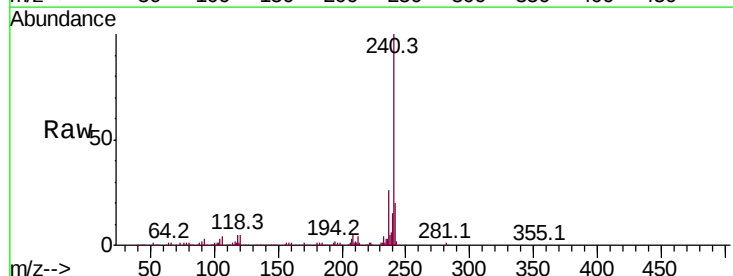
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BNA_G
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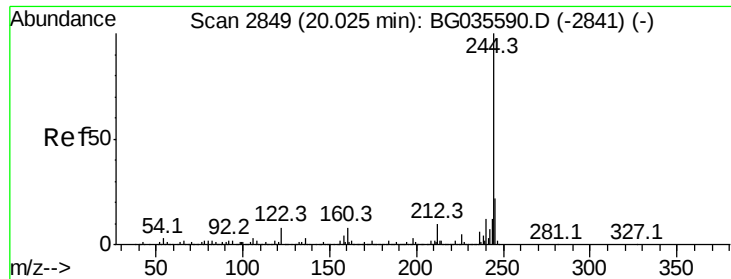
Tot Ion:188 Resp: 217698
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 7.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036074.D
Acq: 3 Aug 2018 1:19

Tgt Ion:240 Resp: 251577
Ion Ratio Lower Upper
240 100
120 5.1 6.8 10.2#
236 26.2 20.9 31.3

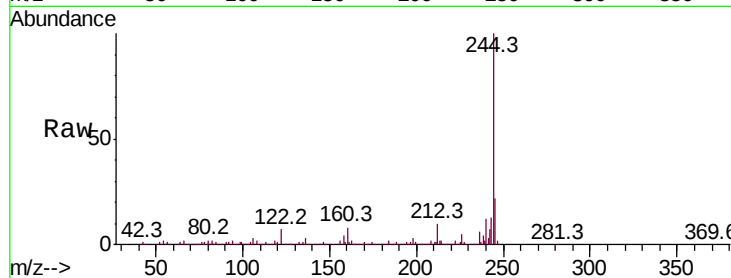




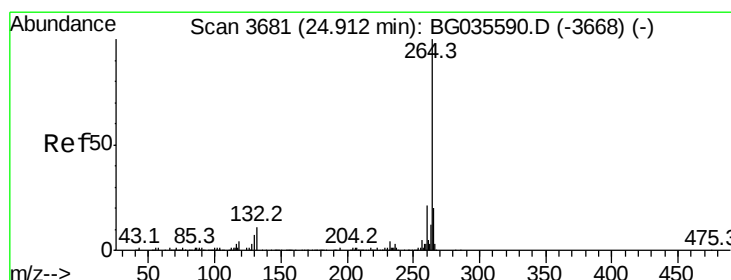
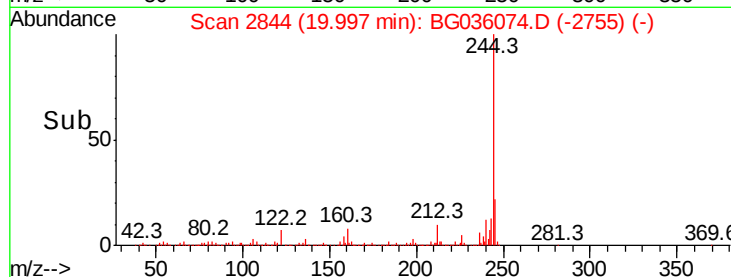
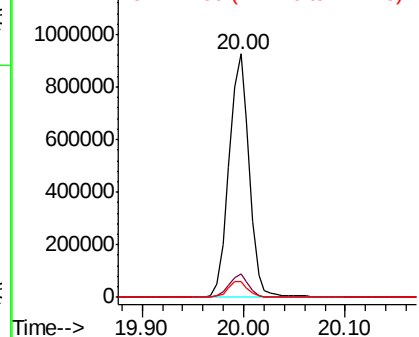
#78
 Terphenyl-d14
 Concen: 112.142 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BG036074.D
 Acq: 3 Aug 2018 1:19

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-080118-A

Tot Ion:244 Resp: 1279883
 Ion Ratio Lower Upper
 244 100
 212 9.6 5.8 8.8#
 122 6.6 7.0 10.4#

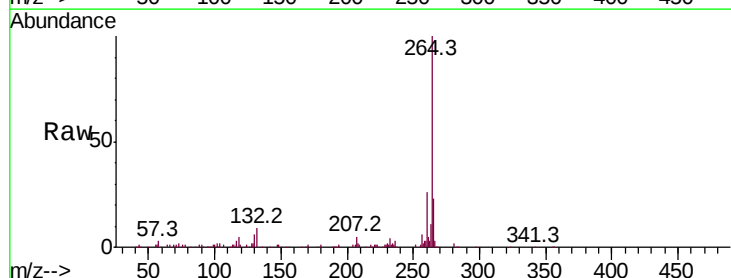


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG036074.D
 Acq: 3 Aug 2018 1:19

Tgt Ion:264 Resp: 227178
 Ion Ratio Lower Upper
 264 100
 260 26.2 17.4 26.0#
 265 23.2 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

