

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
 Data File : BG036026.D
 Acq On : 1 Aug 2018 7:07
 Operator : JU/SJ
 Sample : J4234-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONE-CONCRETE

Quant Time: Aug 01 07:42:47 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	37958	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	131547	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	89575	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	251692	20.00	ng	0.00
75) Chrysene-d12	21.65	240	296266	20.00	ng	0.00
86) Perylene-d12	24.85	264	271250	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	267415	116.96	ng	0.00
7) Phenol-d6	7.19	99	339628	99.56	ng	0.00
23) Nitrobenzene-d5	9.18	82	279529	88.77	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	178030	150.79	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	635204	95.01	ng	0.00
78) Terphenyl-d14	20.00	244	1281249	95.33	ng	0.00

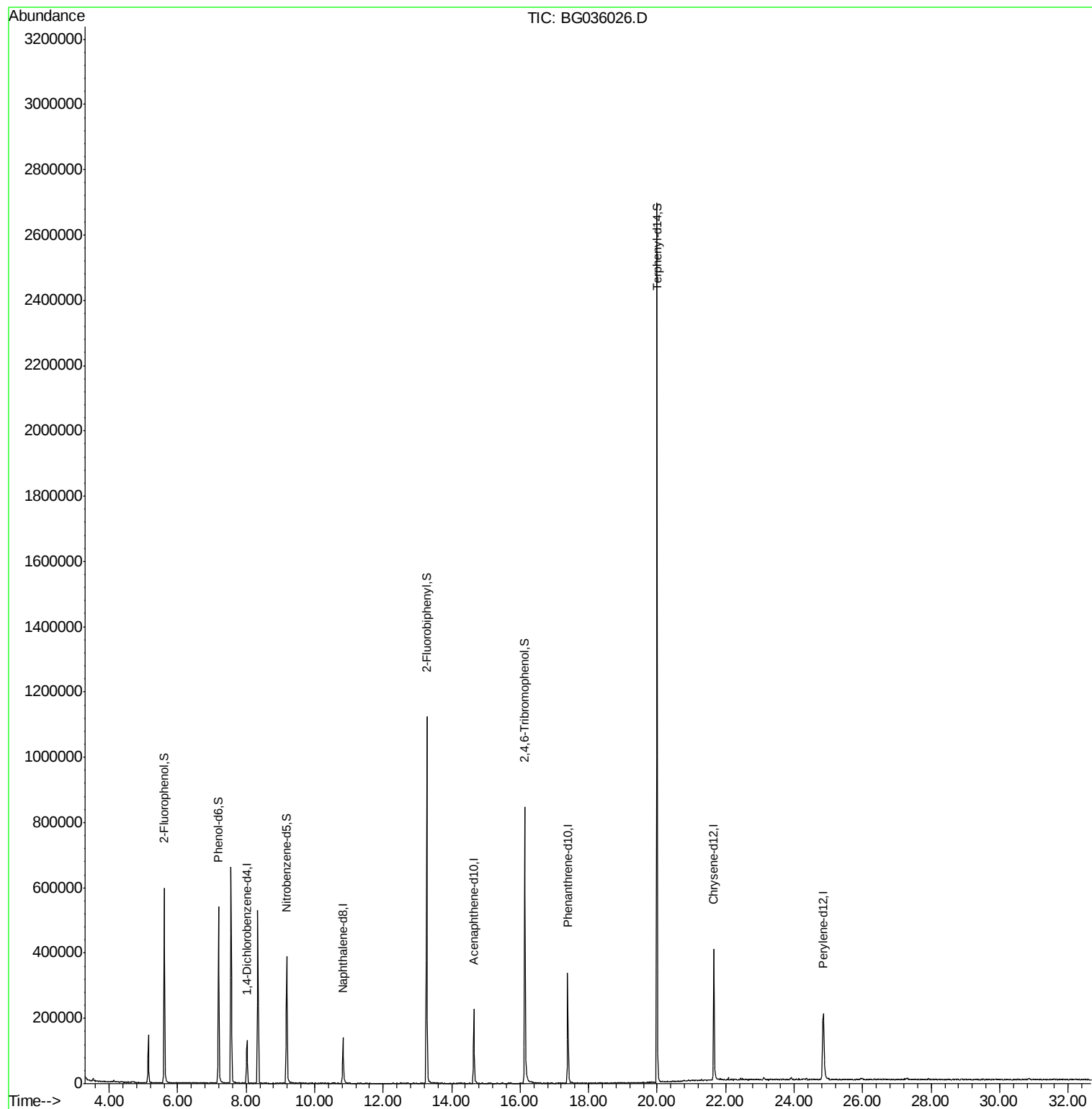
Target Compounds Qvalue

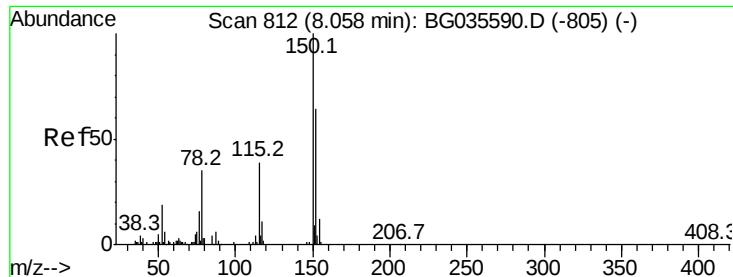
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG036026.D

Acq: 1 Aug 2018 7:07

Instrument :

BNA_G

ClientSampleId :

OILY-STONE-CONCRETE

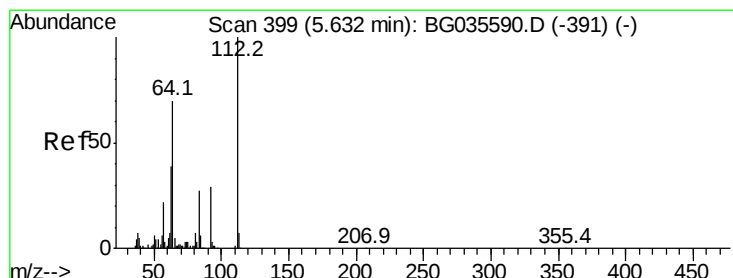
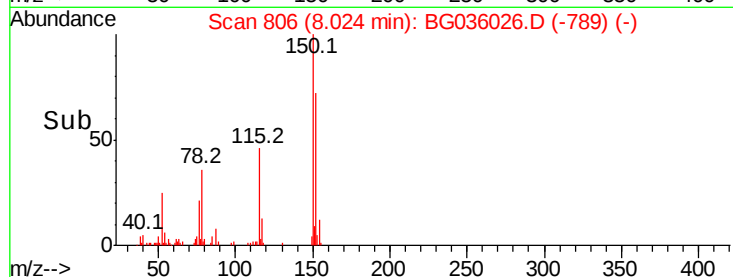
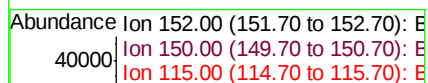
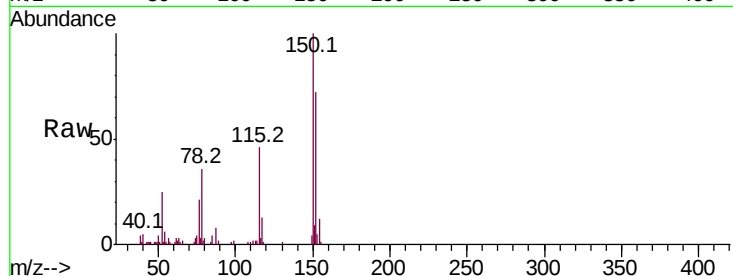
Tot Ion:152 Resp: 37958

Ion Ratio Lower Upper

152 100

150 138.1 126.6 189.8

115 63.8 53.0 79.4



#5

2-Fluorophenol

Concen: 116.964 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG036026.D

Acq: 1 Aug 2018 7:07

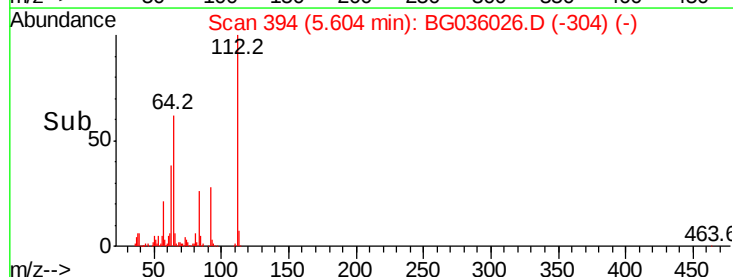
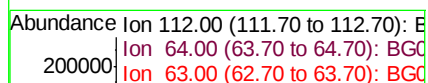
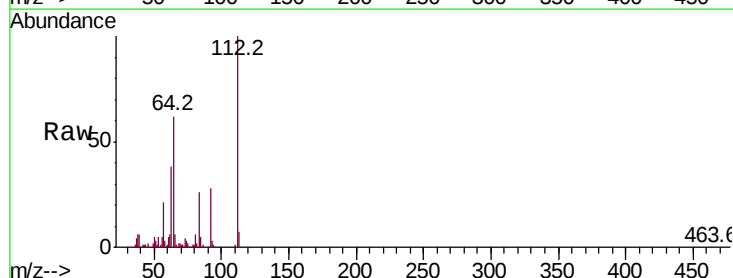
Tgt Ion:112 Resp: 267415

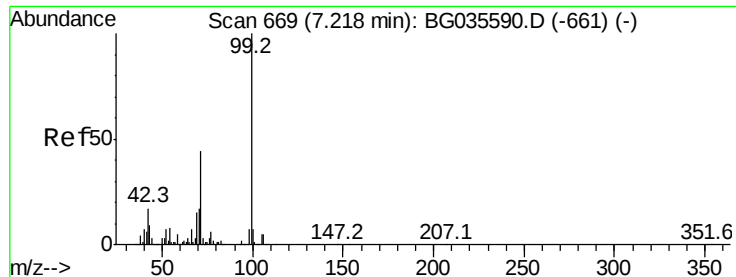
Ion Ratio Lower Upper

112 100

64 62.4 56.3 84.5

63 38.4 30.1 45.1





#7

Phenol-d6

Concen: 99.564 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036026.D

Acq: 1 Aug 2018 7:07

Instrument :

BNA_G

ClientSampleId :

OILY-STONE-CONCRETE

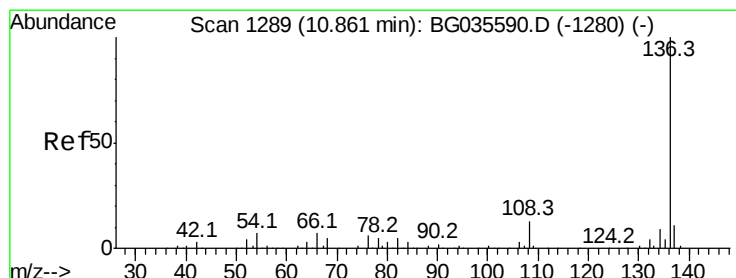
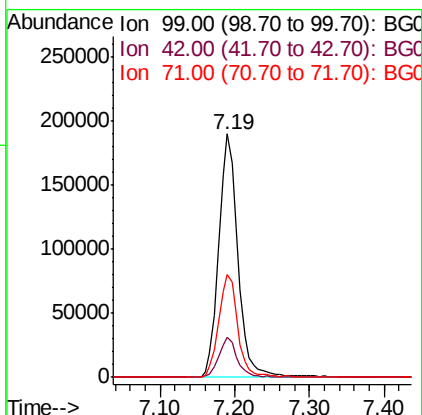
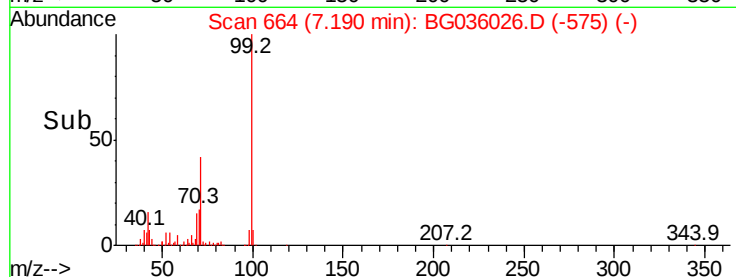
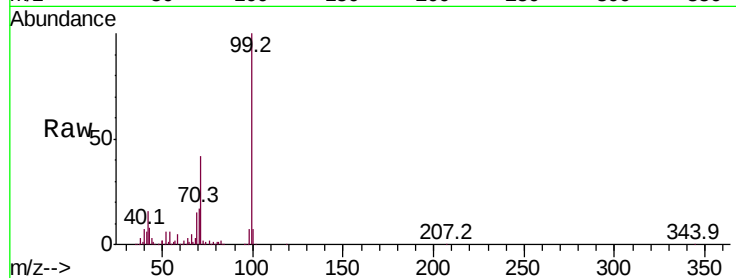
Tot Ion: 99 Resp: 339628

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 42.2 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036026.D

Acq: 1 Aug 2018 7:07

Tgt Ion:136 Resp: 131547

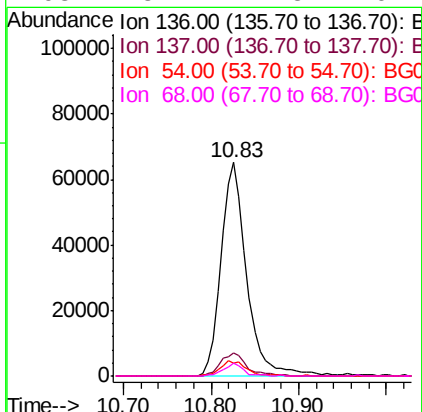
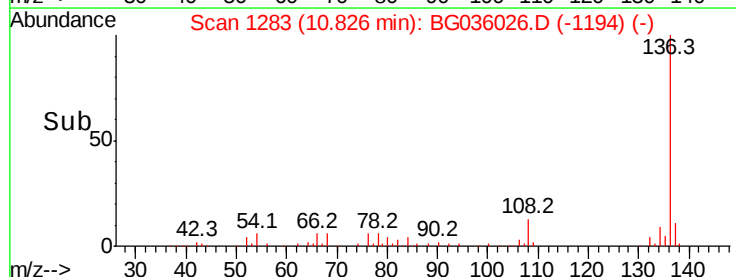
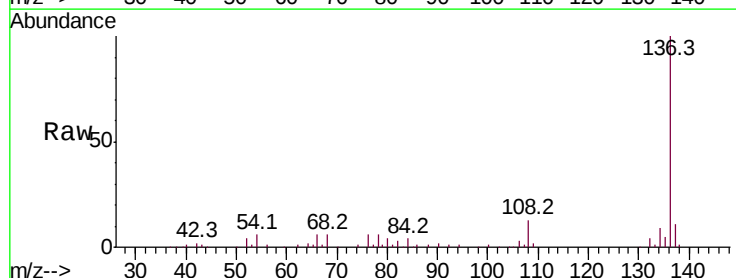
Ion Ratio Lower Upper

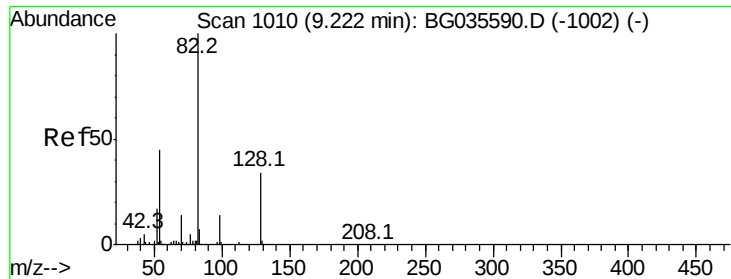
136 100

137 10.9 9.2 13.8

54 6.1 10.3 15.5#

68 5.7 4.5 6.7

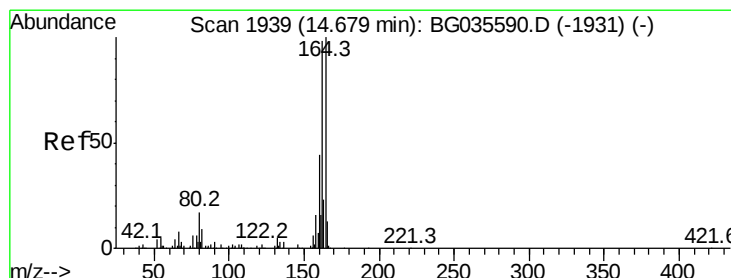
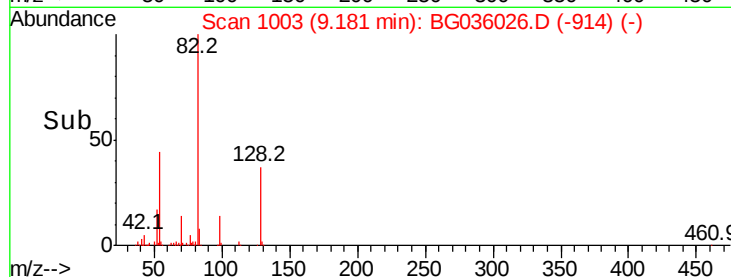
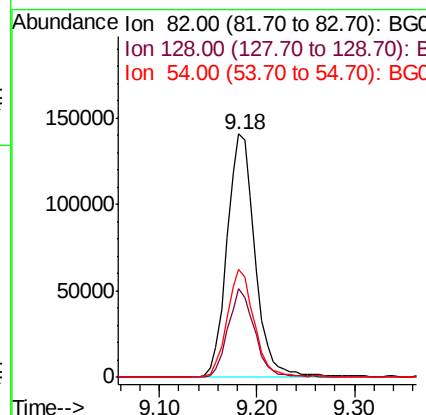
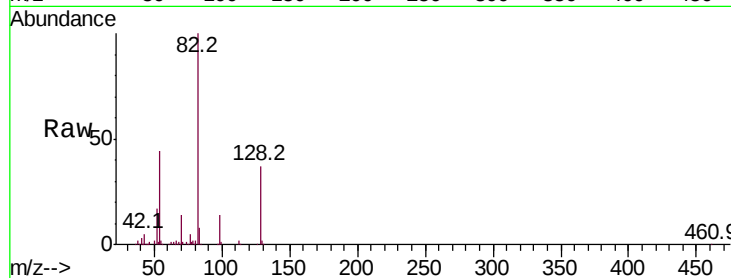




#23
 Nitrobenzene-d5
 Concen: 88.769 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG036026.D
 Acq: 1 Aug 2018 7:07

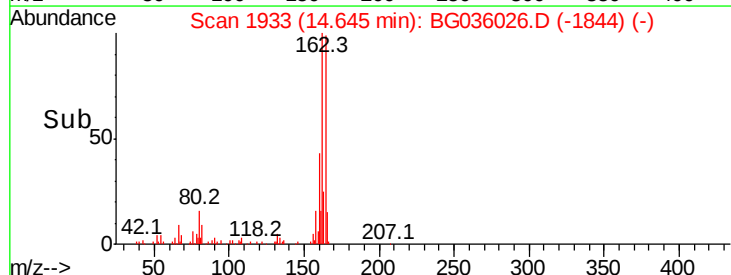
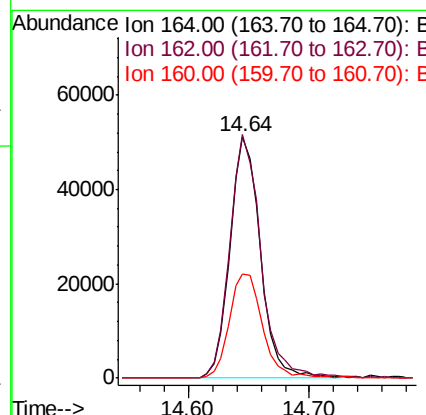
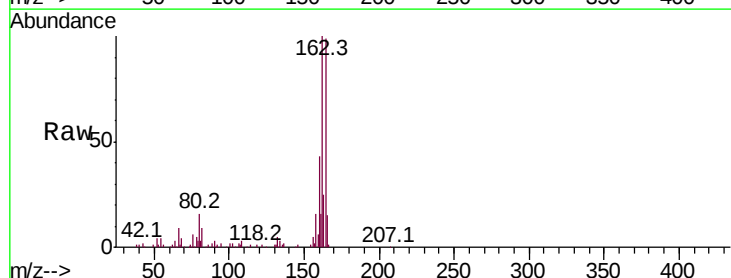
Instrument :
 BNA_G
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 OILY-STONE-CONCRETE

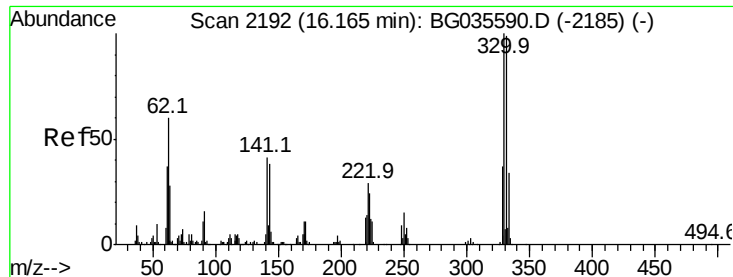
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.7	44.5
54	44.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG036026.D
 Acq: 1 Aug 2018 7:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.8	118.2
160	43.0	35.4	53.0

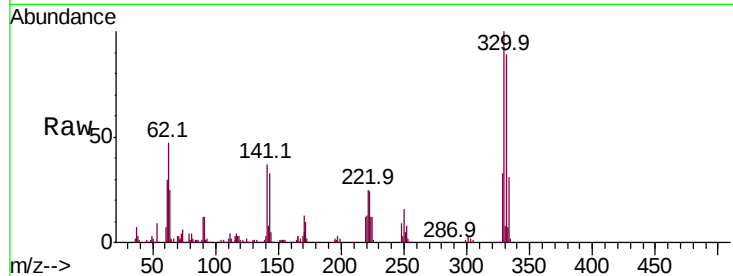




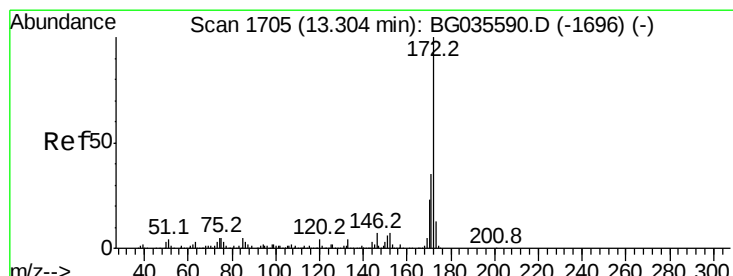
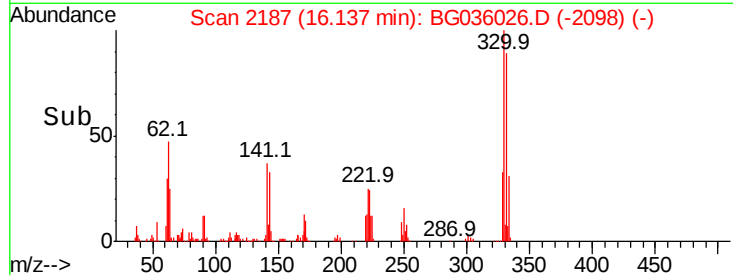
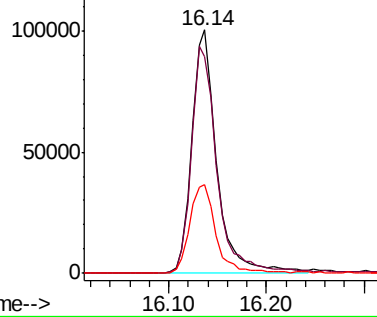
#41
 2,4,6-Tribromophenol
 Concen: 150.789 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036026.D
 Acq: 1 Aug 2018 7:07

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONE-CONCRETE

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	38.9	25.2	37.8#

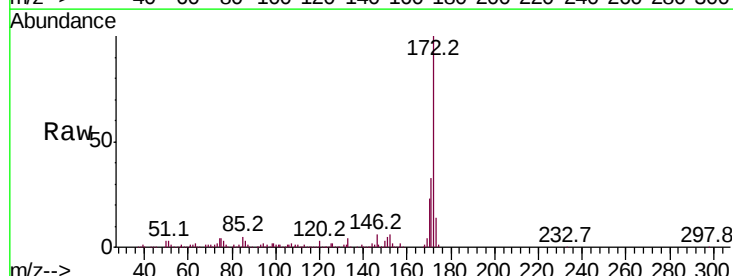


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

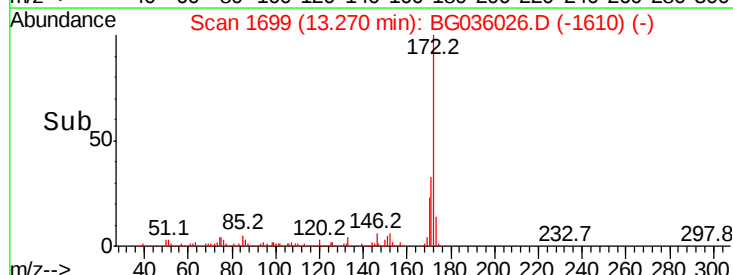
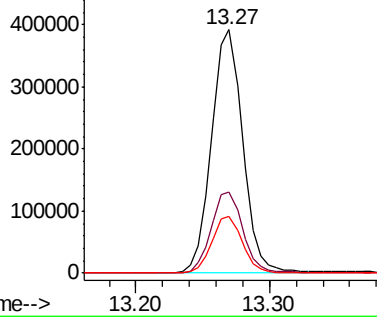


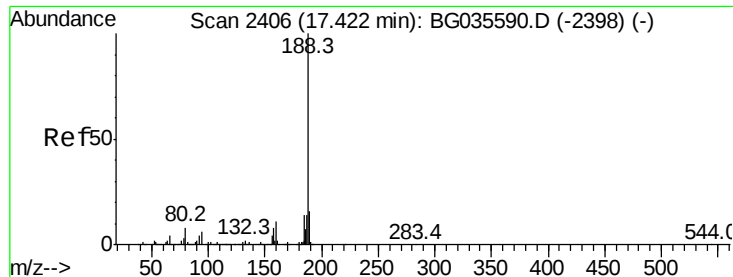
#44
 2-Fluorobiphenyl
 Concen: 95.005 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036026.D
 Acq: 1 Aug 2018 7:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	30.0	45.0
170	23.4	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

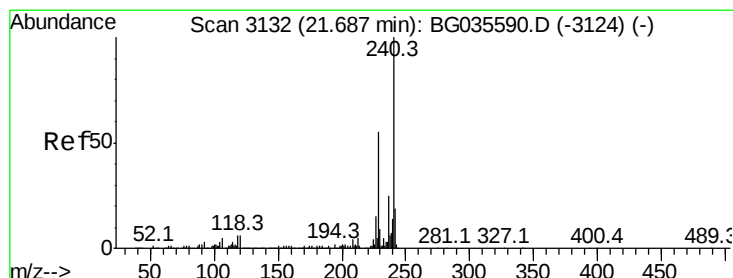
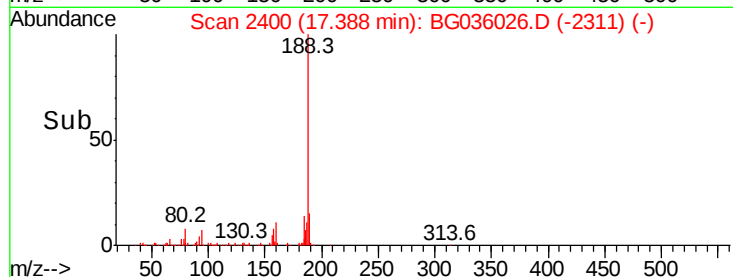
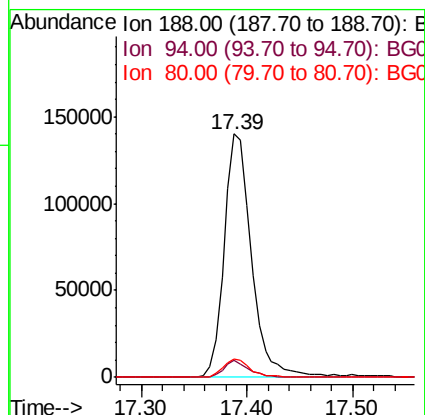
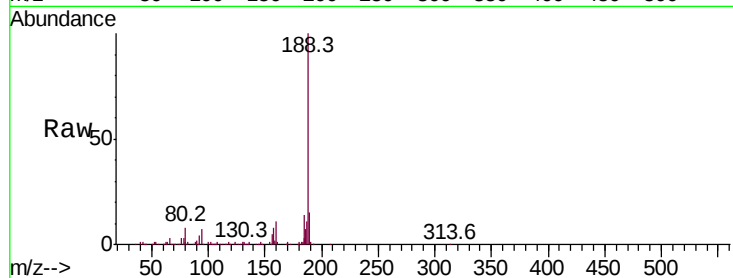




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG036026.D
Acq: 1 Aug 2018 7:07

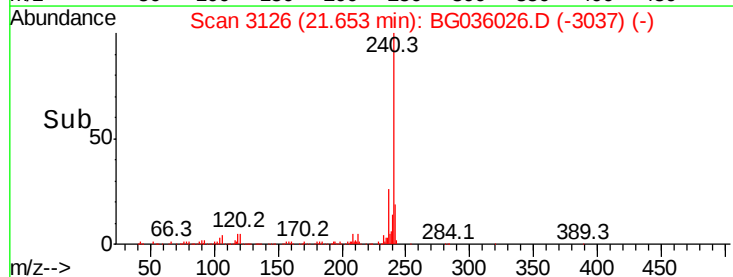
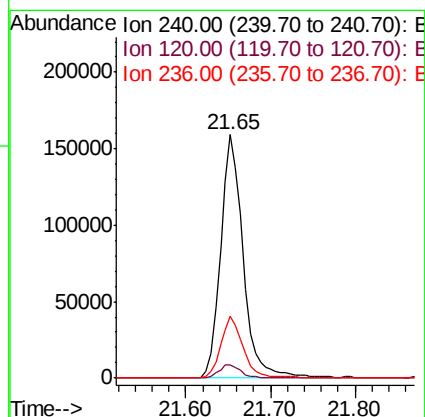
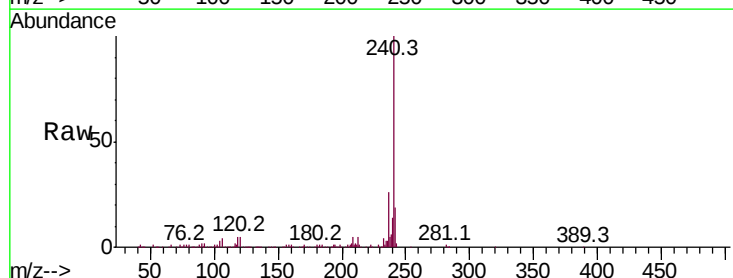
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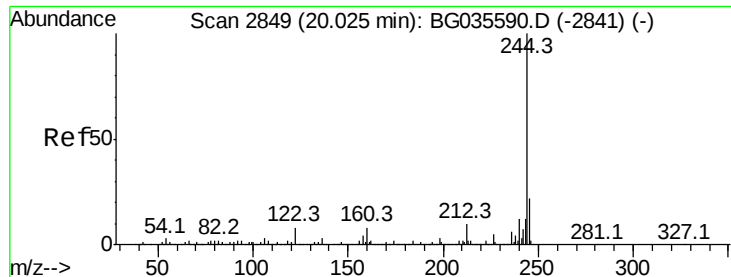
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.7	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036026.D
Acq: 1 Aug 2018 7:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	6.8	10.2#
236	25.6	20.9	31.3

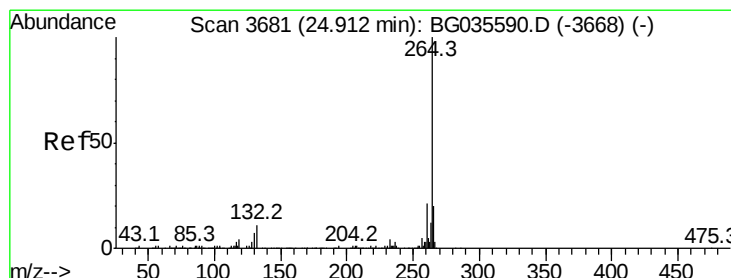
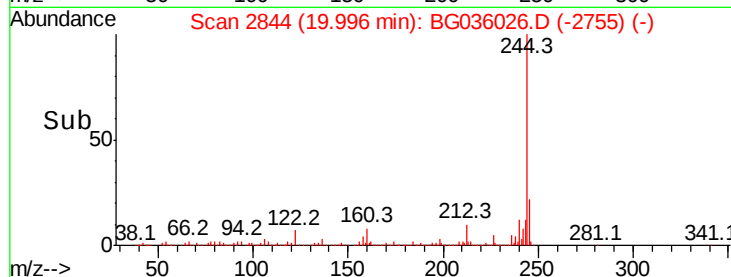
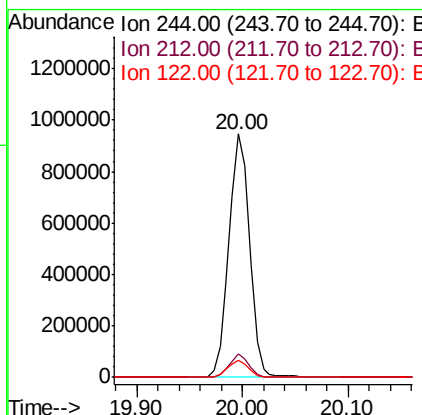
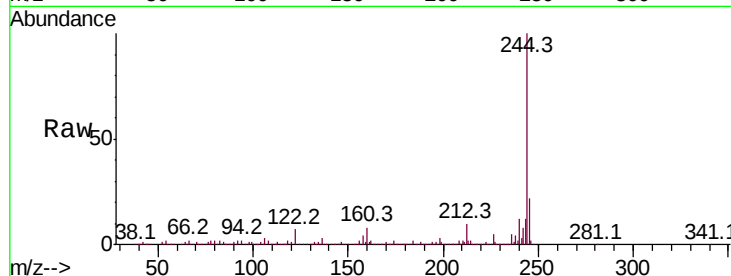




#78
 Terphenyl-d14
 Concen: 95.328 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BG036026.D
 Acq: 1 Aug 2018 7:07

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONE-CONCRETE

Tot Ion:244 Resp: 1281249
 Ion Ratio Lower Upper
 244 100
 212 9.6 5.8 8.8#
 122 7.0 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG036026.D
 Acq: 1 Aug 2018 7:07

Tgt Ion:264 Resp: 271250
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.4 26.0
 265 21.8 17.7 26.5

