

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
 Data File : BG036041.D
 Acq On : 1 Aug 2018 19:51
 Operator : JU/SJ
 Sample : J4256-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Aug 02 08:40:31 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	31961	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	112489	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	82834	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	246287	20.00	ng	0.00
75) Chrysene-d12	21.65	240	291266	20.00	ng	0.00
86) Perylene-d12	24.85	264	276720	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	113458	58.94	ng	0.00
7) Phenol-d6	7.19	99	95268	33.17	ng	0.00
23) Nitrobenzene-d5	9.18	82	249578	92.69	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	189010	173.12	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	586885	94.92	ng	0.00
78) Terphenyl-d14	19.99	244	1301459	98.49	ng	0.00

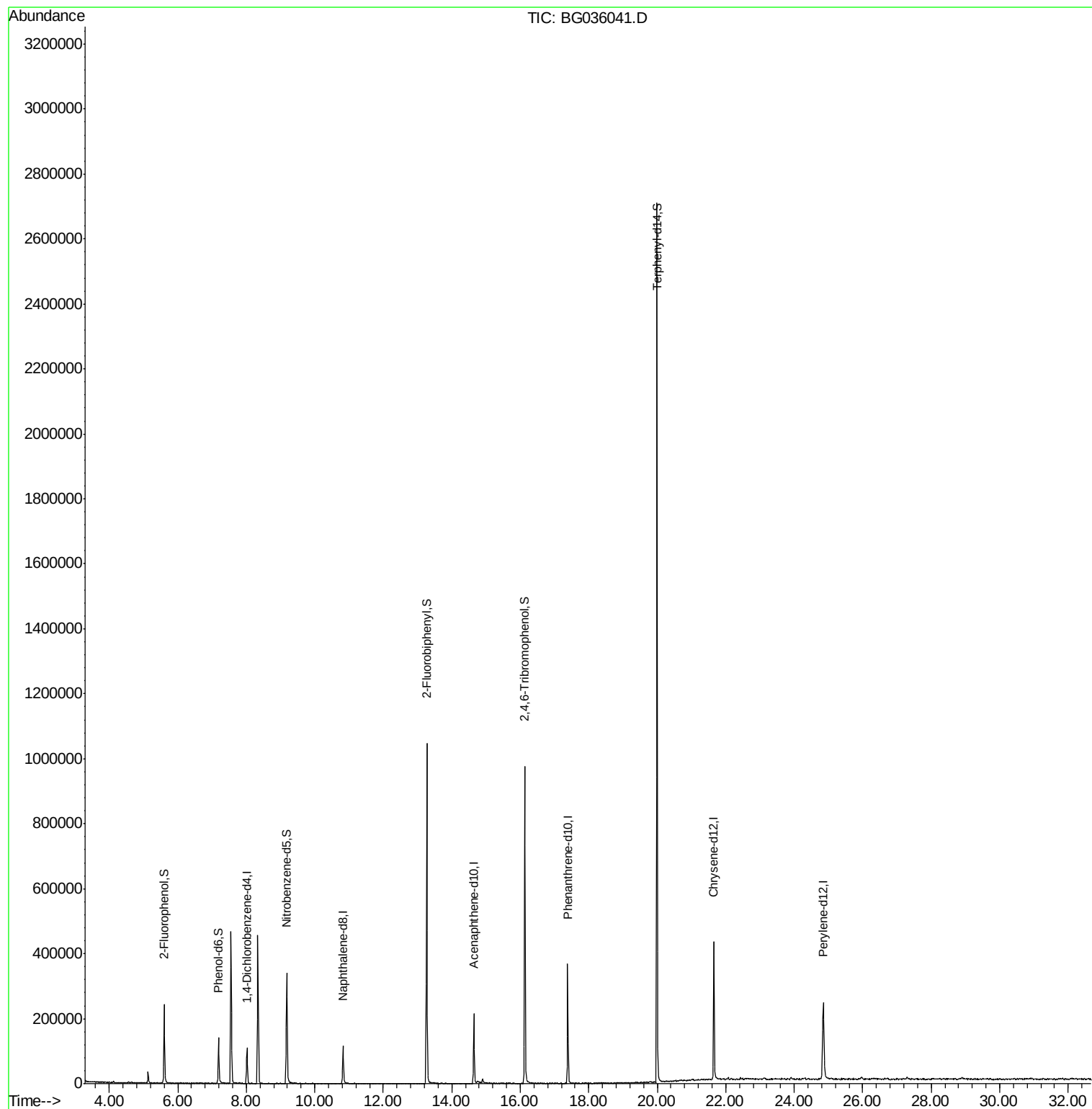
Target Compounds Qvalue

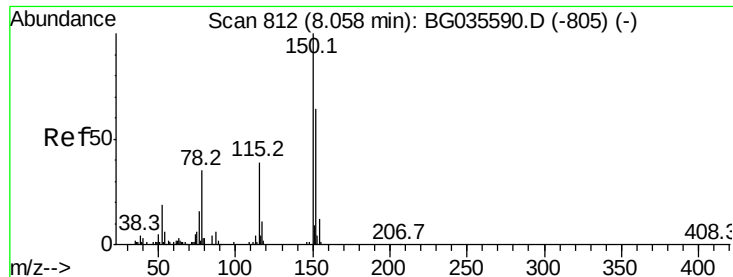
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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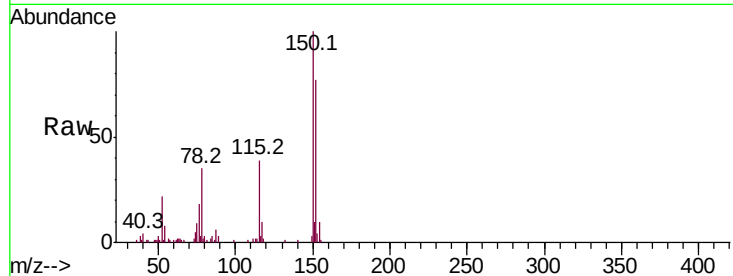


#1

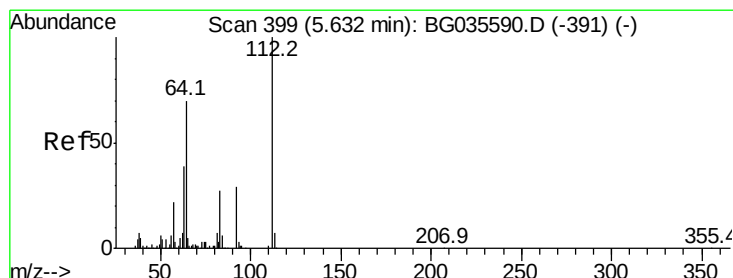
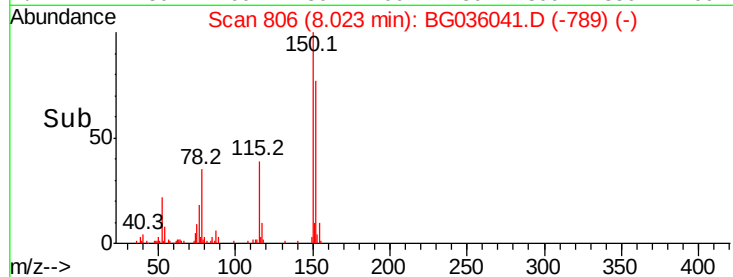
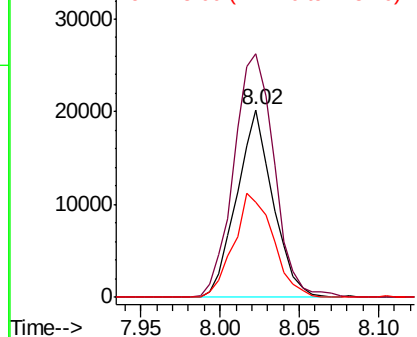
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:152 Resp: 31961
Ion Ratio Lower Upper
152 100
150 129.9 126.6 189.8
115 50.6 53.0 79.4#



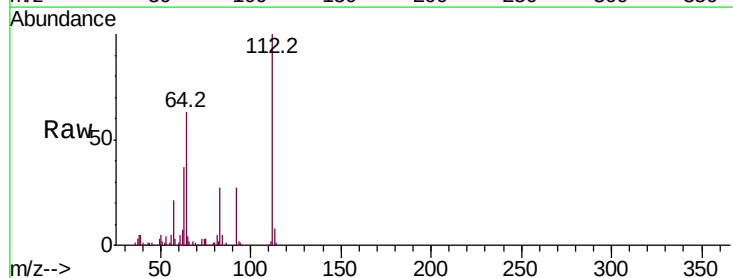
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



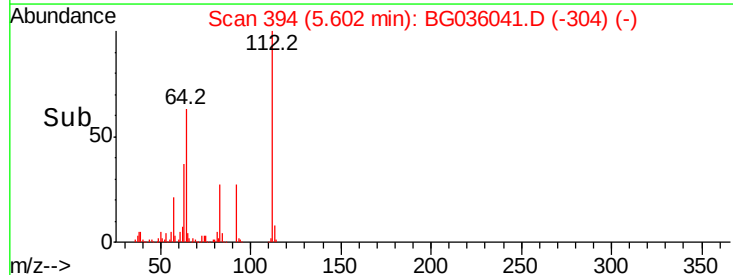
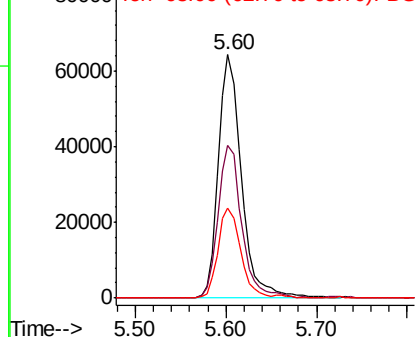
#5

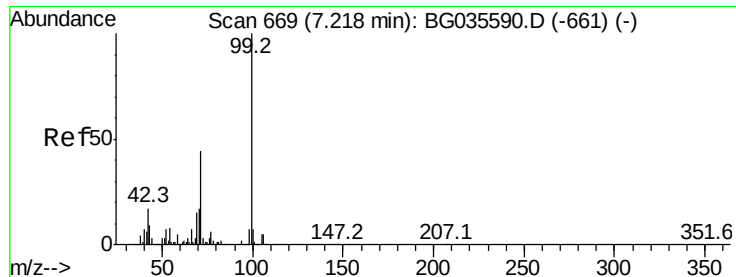
2-Fluorophenol
Concen: 58.936 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Tgt Ion:112 Resp: 113458
Ion Ratio Lower Upper
112 100
64 63.0 56.3 84.5
63 37.0 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: 33.169 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036041.D

Acq: 1 Aug 2018 19:51

Instrument :

BNA_G

ClientSampleId :

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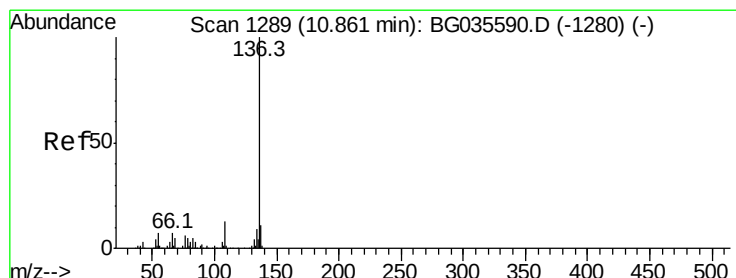
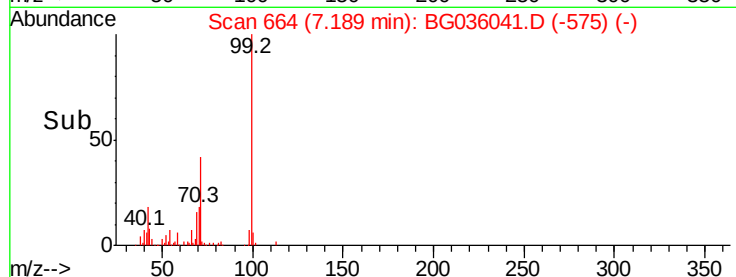
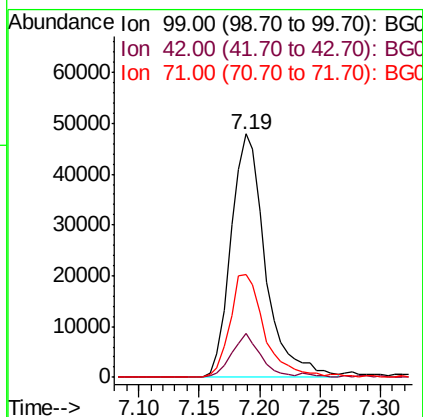
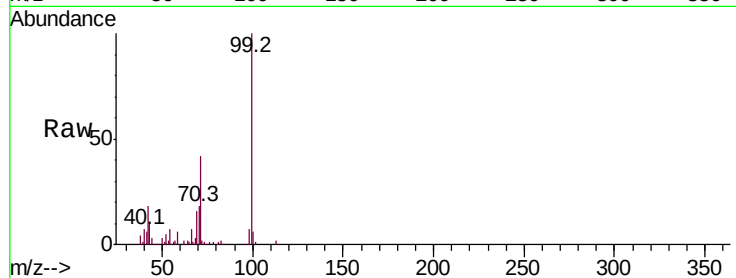
Tot Ion: 99 Resp: 95268

Ion Ratio Lower Upper

99 100

42 18.1 14.1 21.1

71 42.0 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036041.D

Acq: 1 Aug 2018 19:51

Tgt Ion: 136 Resp: 112489

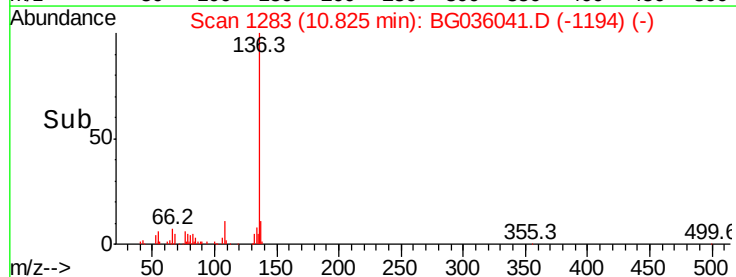
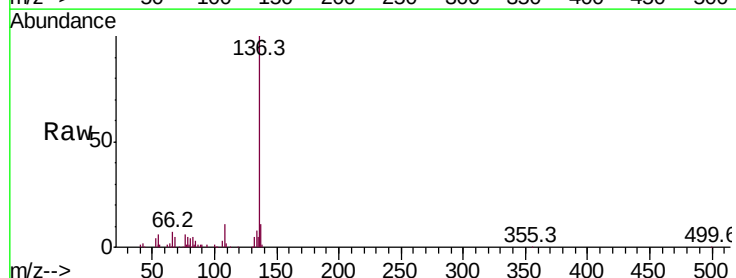
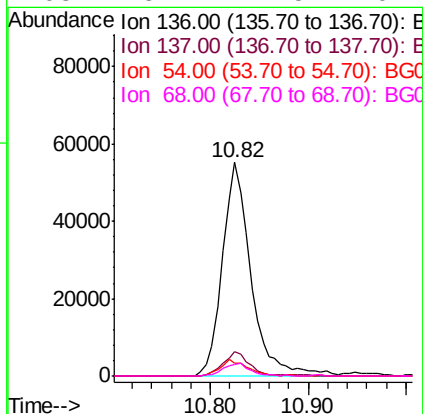
Ion Ratio Lower Upper

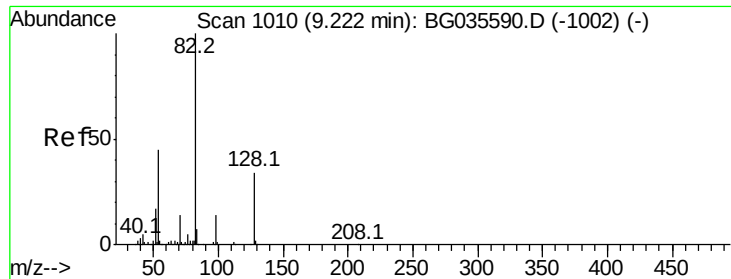
136 100

137 11.4 9.2 13.8

54 6.2 10.3 15.5#

68 5.4 4.5 6.7

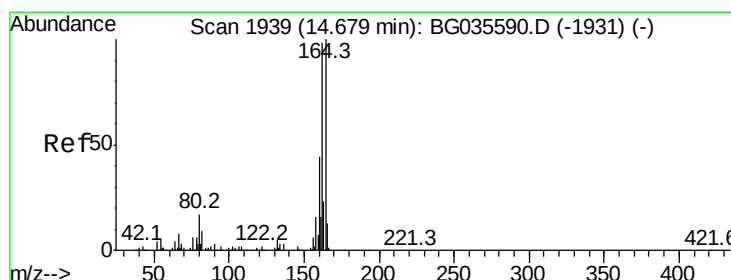
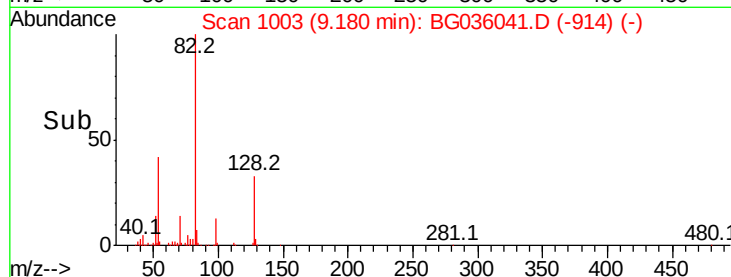
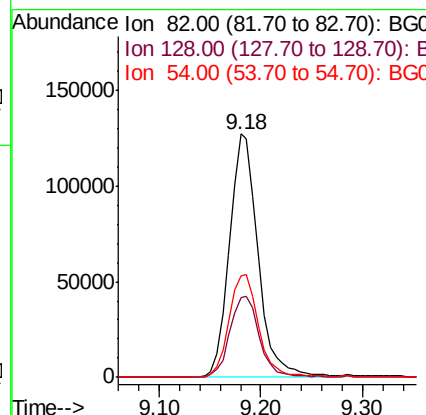
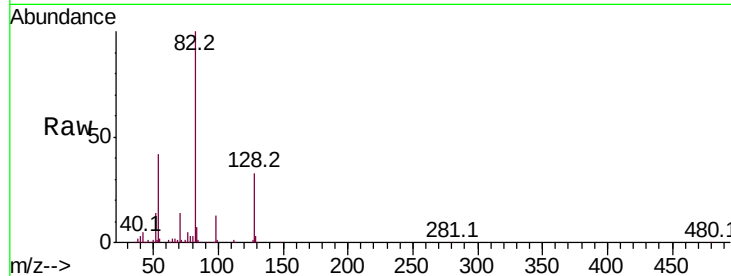




#23
 Nitrobenzene-d5
 Concen: 92.685 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG036041.D
 Acq: 1 Aug 2018 19:51

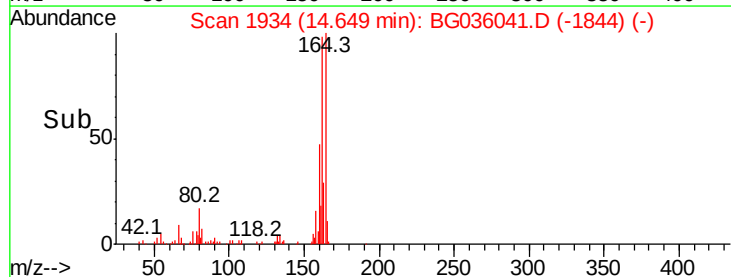
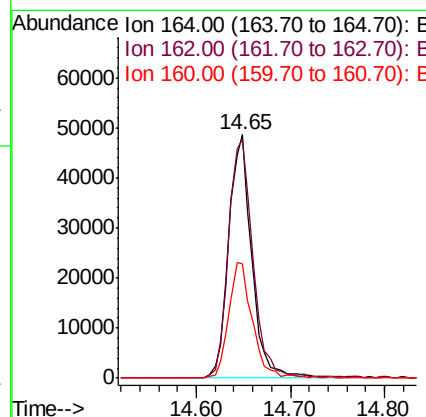
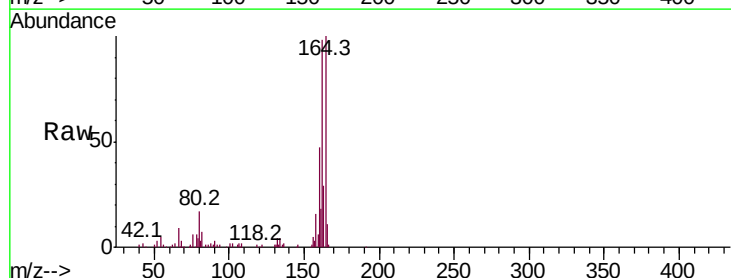
Instrument :
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 ClientSampleId :
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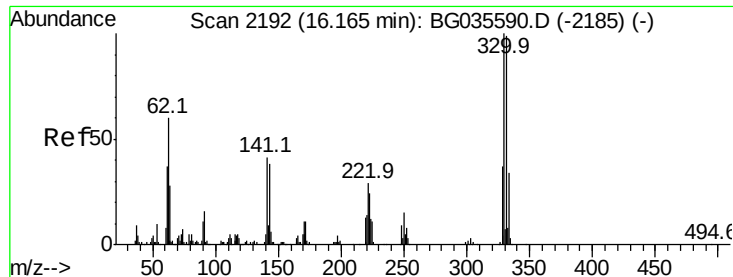
Tot Ion: 82 Resp: 249578
 Ion Ratio Lower Upper
 82 100
 128 32.8 29.7 44.5
 54 41.8 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG036041.D
 Acq: 1 Aug 2018 19:51

Tgt Ion: 164 Resp: 82834
 Ion Ratio Lower Upper
 164 100
 162 98.1 78.8 118.2
 160 47.2 35.4 53.0

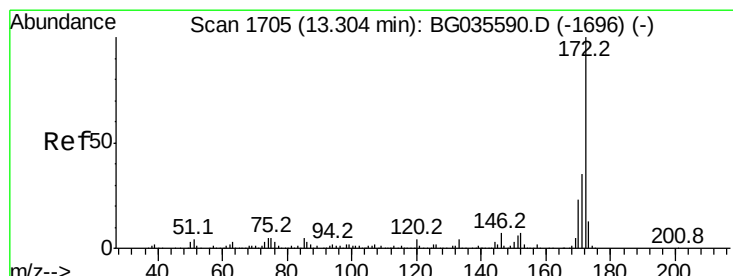
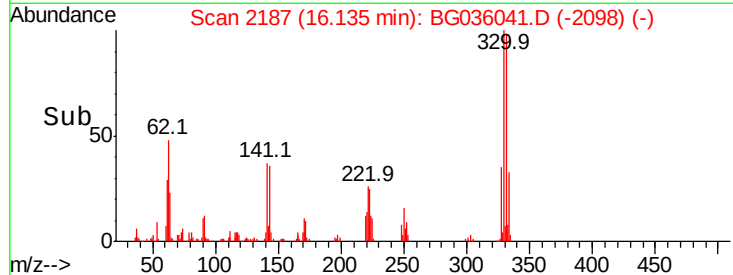
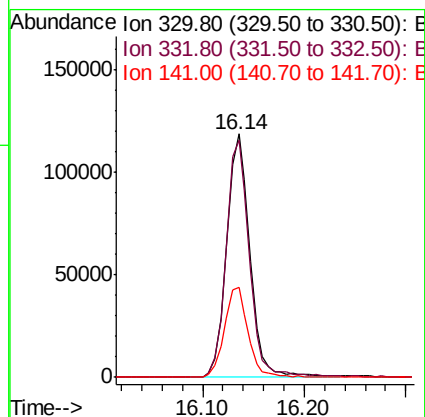
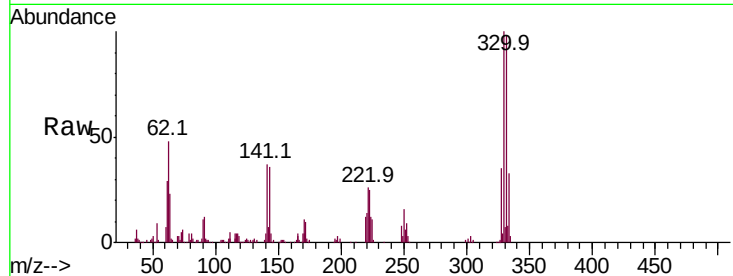




#41
 2,4,6-Tribromophenol
 Concen: 173.117 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036041.D
 Acq: 1 Aug 2018 19:51

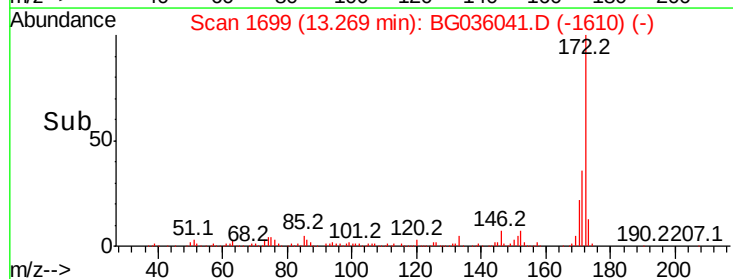
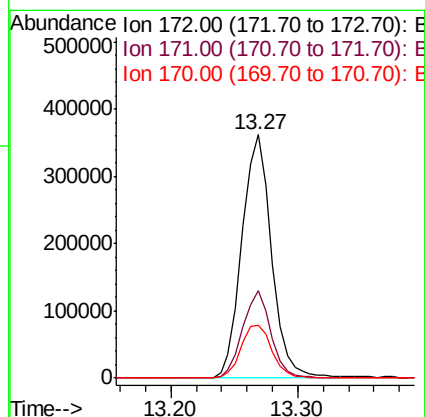
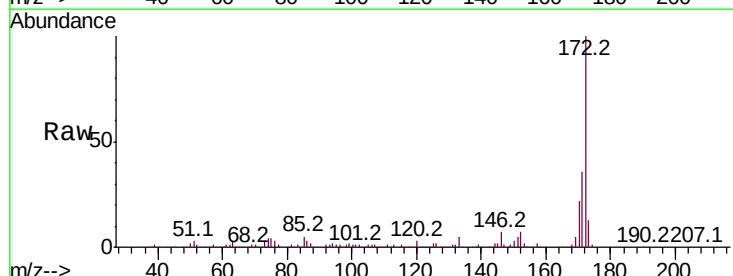
Instrument :
 BNA_G
 ClientSampleId :
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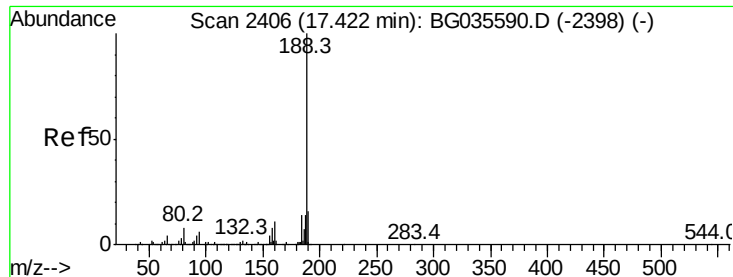
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	37.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 94.922 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036041.D
 Acq: 1 Aug 2018 19:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	21.9	19.5	29.3

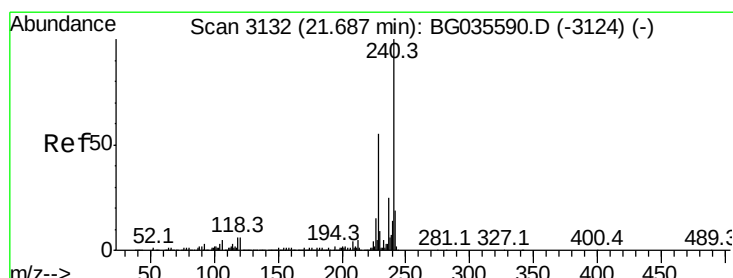
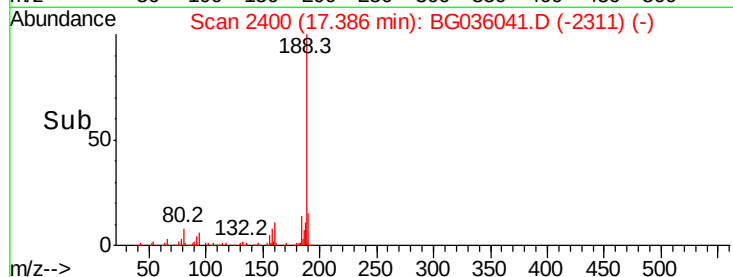
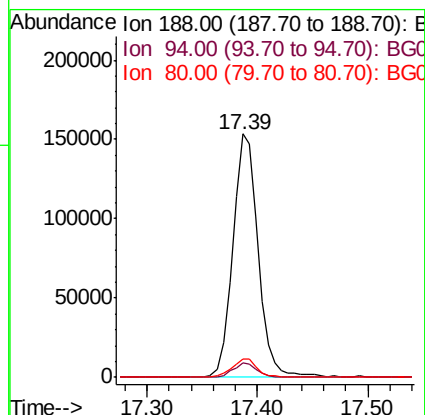
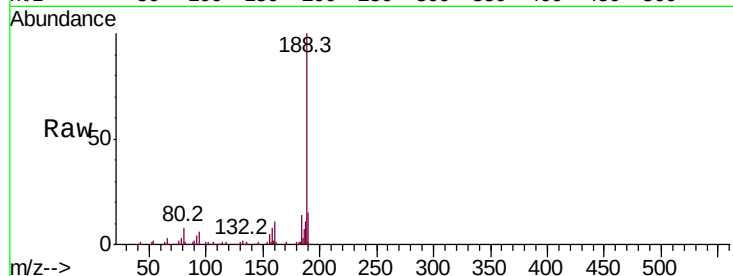




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

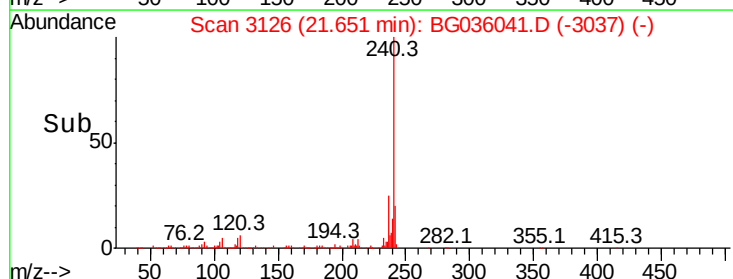
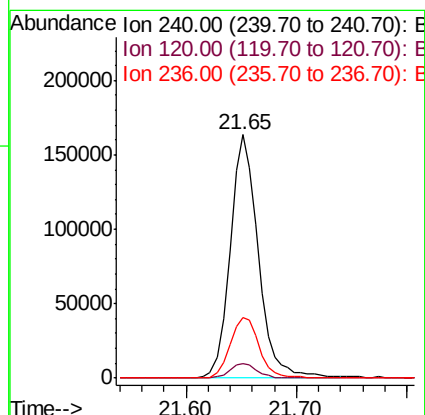
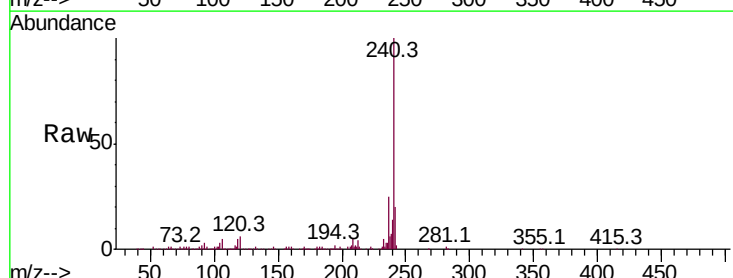
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ClientSampleId :
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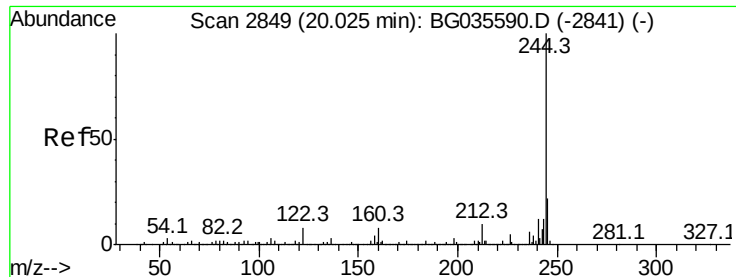
Tot Ion:188 Resp: 246287
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 7.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036041.D
Acq: 1 Aug 2018 19:51

Tgt Ion:240 Resp: 291266
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 24.8 20.9 31.3





#78

Terphenyl-d14

Concen: 98.494 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036041.D

Acq: 1 Aug 2018 19:51

Instrument :

BNA_G

ClientSampleId :

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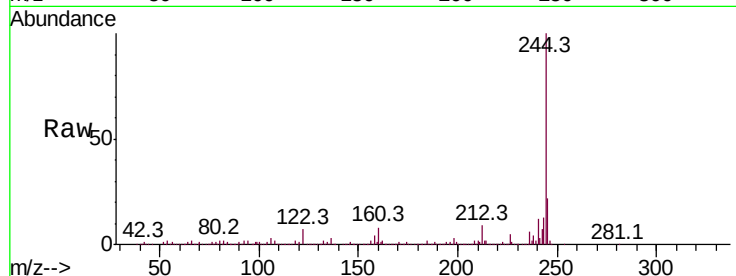
Tot Ion:244 Resp: 1301459

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

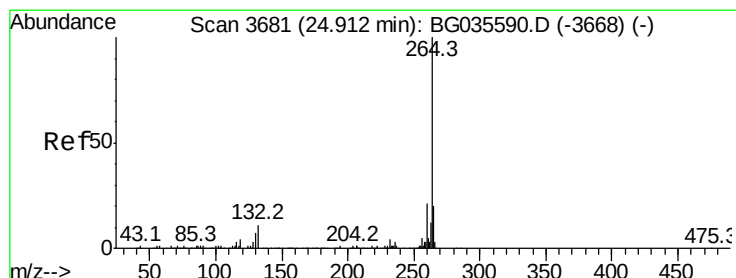
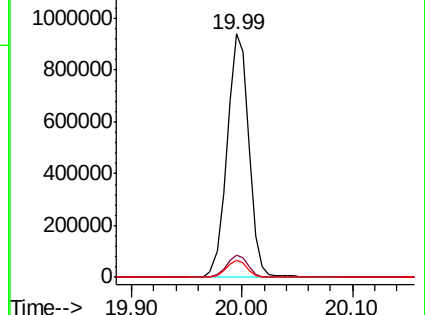
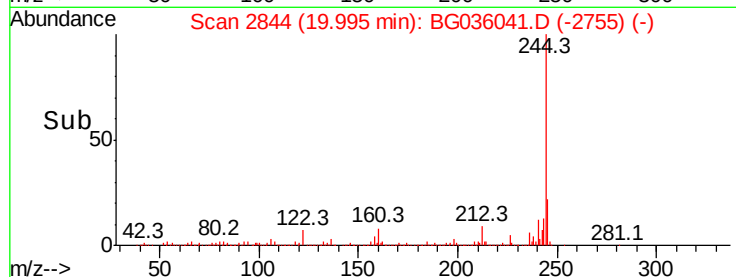
122 7.1 7.0 10.4



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: BG036041.D

Acq: 1 Aug 2018 19:51

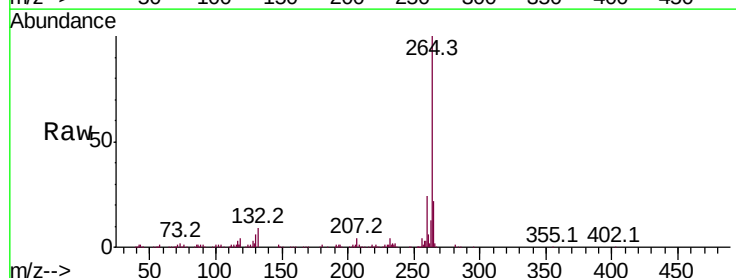
Tgt Ion:264 Resp: 276720

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.8 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

