

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
 Data File : BG036125.D
 Acq On : 4 Aug 2018 11:54
 Operator : JU/SJ
 Sample : J4316-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T40-STONE-1

Quant Time: Aug 06 01:42:14 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	8.03	152	30903	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	100802	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	73866	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	205724	20.00	ng	0.00
75) Chrysene-d12	21.67	240	218958	20.00	ng	0.01
86) Perylene-d12	24.88	264	188192	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	249236	133.90	ng	0.01
7) Phenol-d6	7.19	99	303553	109.30	ng	0.00
23) Nitrobenzene-d5	9.19	82	259057	107.36	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	148929	152.97	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	607083	110.11	ng	0.00
78) Terphenyl-d14	20.00	244	1182397	119.03	ng	0.00

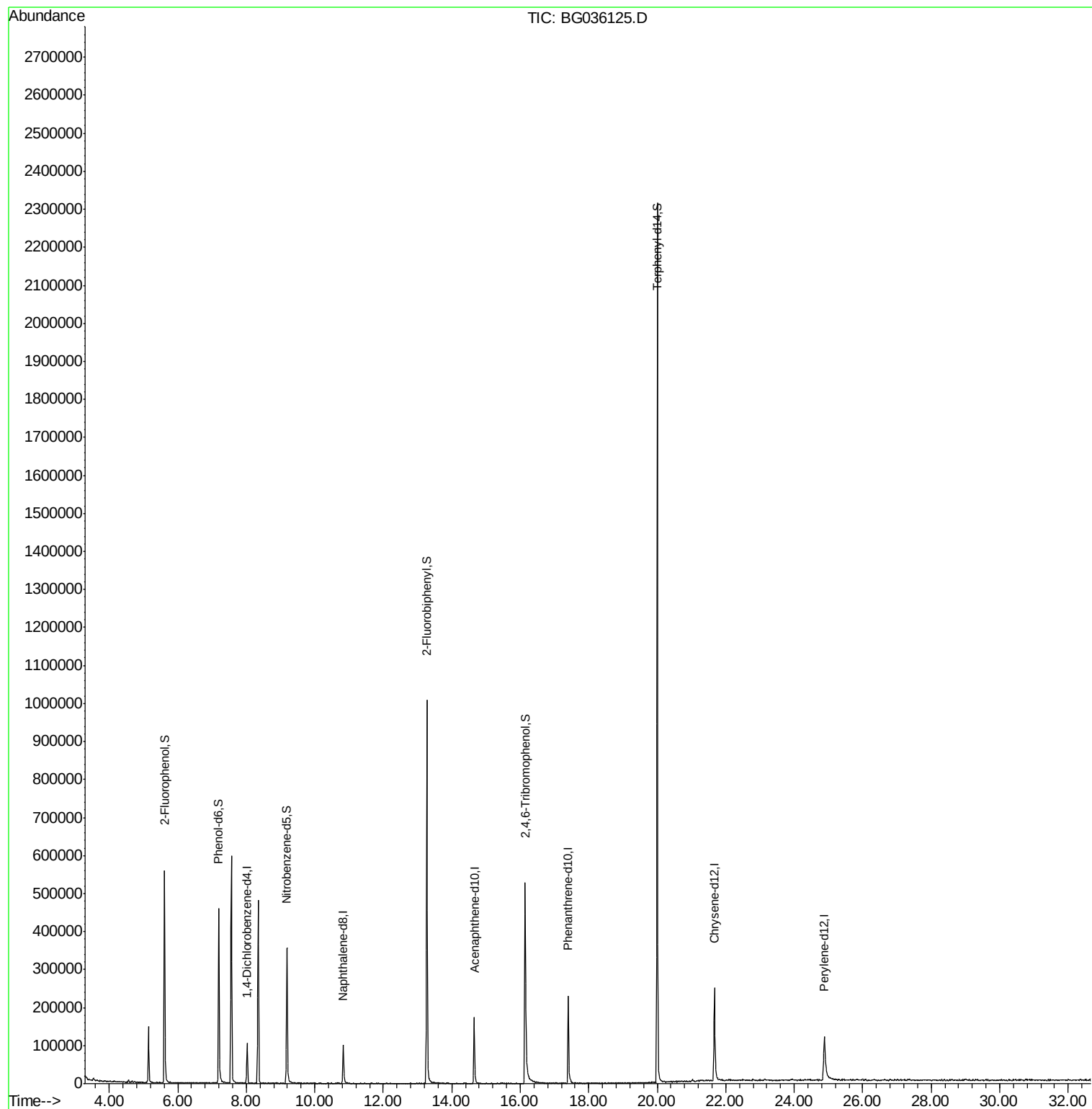
Target Compounds Qvalue

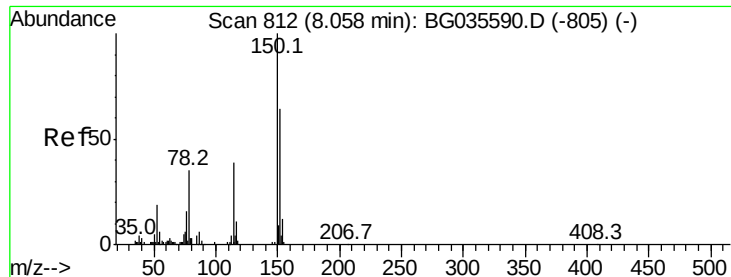
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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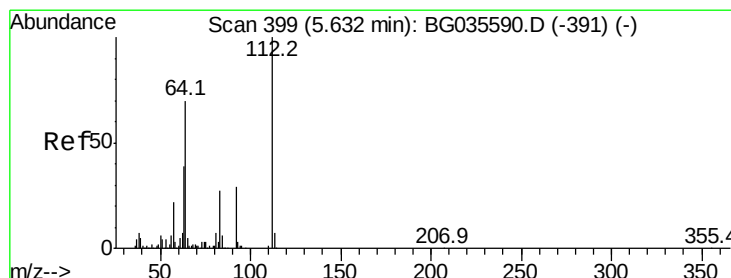
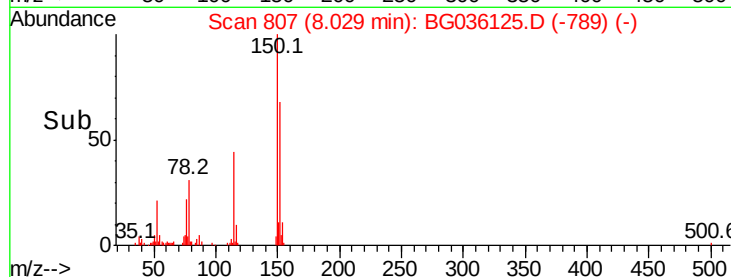
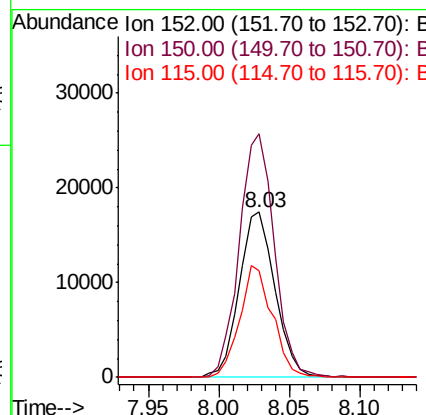
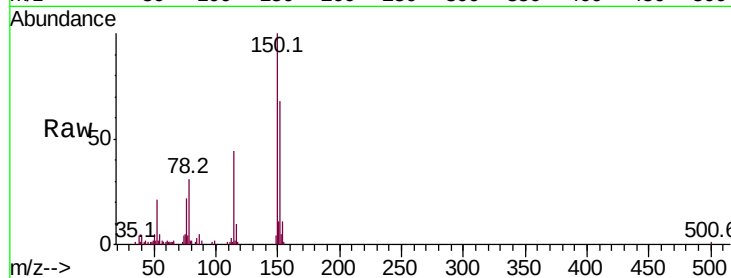


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG036125.D
Acq: 4 Aug 2018 11:54

Instrument :
BNA_G
ClientSampleId :
T40-STONE-1

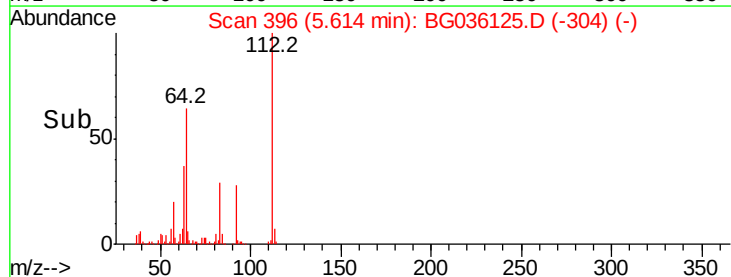
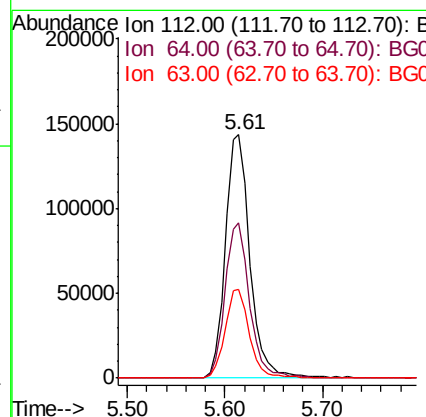
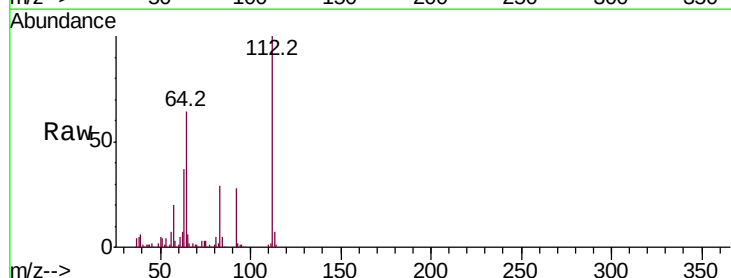
Tot Ion:152 Resp: 30903
Ion Ratio Lower Upper
152 100
150 147.2 126.6 189.8
115 64.2 53.0 79.4

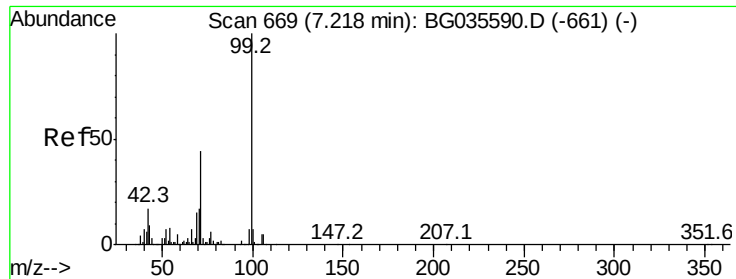


#5

2-Fluorophenol
Concen: 133.900 ng
RT: 5.61 min Scan# 396
Delta R.T. 0.01 min
Lab File: BG036125.D
Acq: 4 Aug 2018 11:54

Tgt Ion:112 Resp: 249236
Ion Ratio Lower Upper
112 100
64 63.6 56.3 84.5
63 36.6 30.1 45.1





#7

Phenol-d6

Concen: 109.304 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036125.D

Acq: 4 Aug 2018 11:54

Instrument :

BNA_G

ClientSampleId :

T40-STONE-1

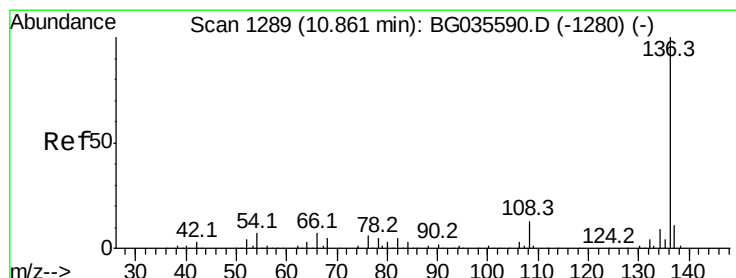
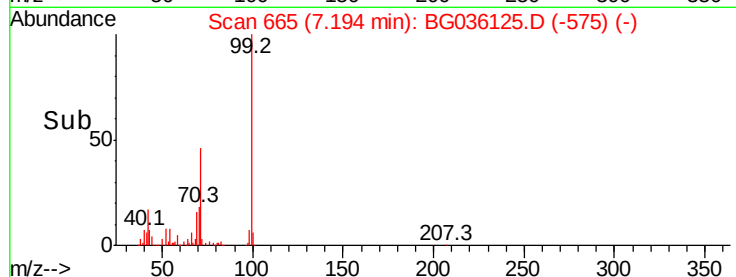
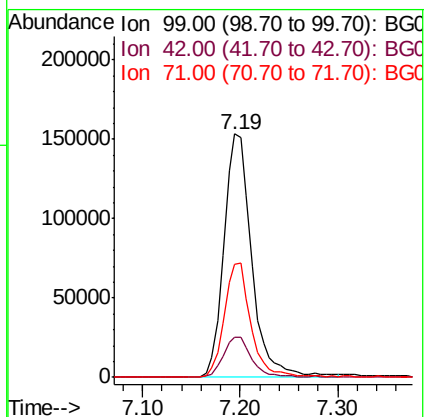
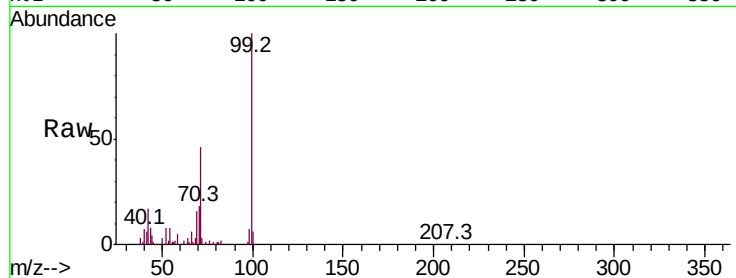
Tot Ion: 99 Resp: 303553

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

71 46.4 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG036125.D

Acq: 4 Aug 2018 11:54

Tgt Ion: 136 Resp: 100802

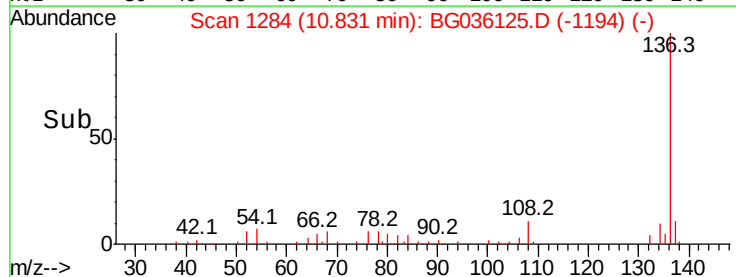
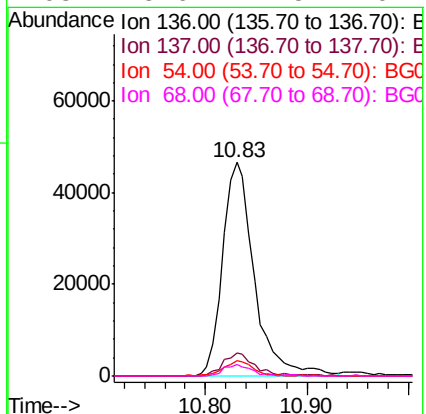
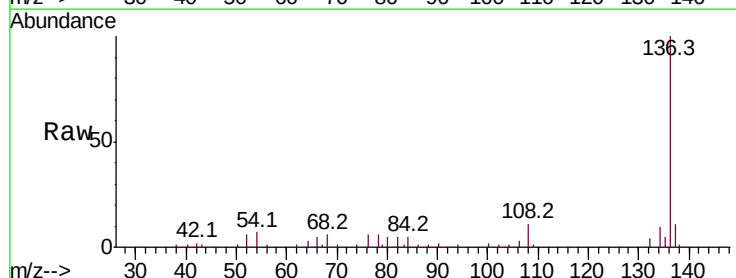
Ion Ratio Lower Upper

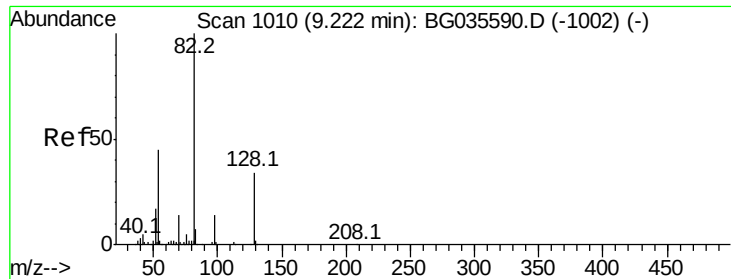
136 100

137 10.6 9.2 13.8

54 7.3 10.3 15.5#

68 5.6 4.5 6.7

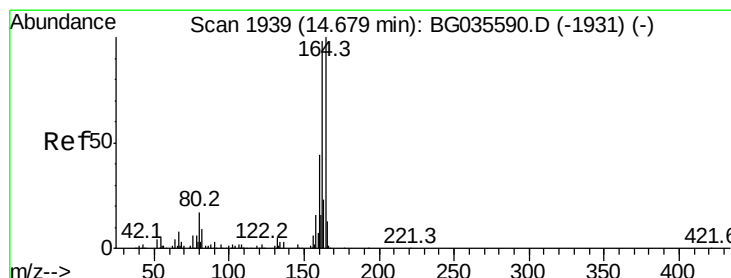
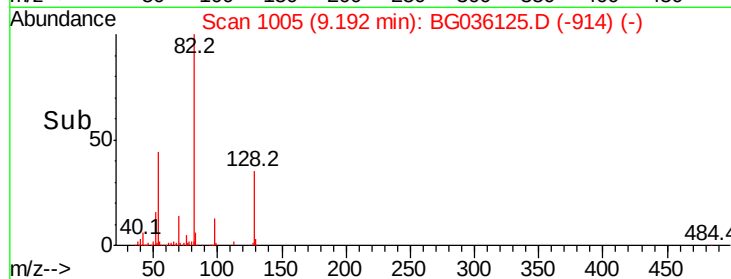
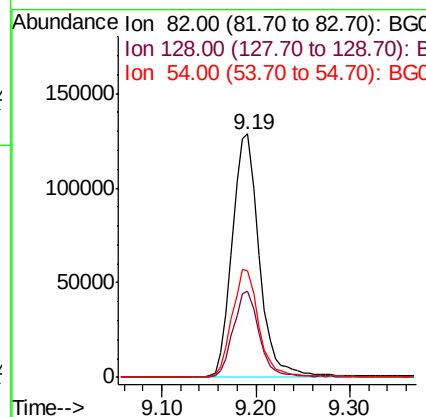
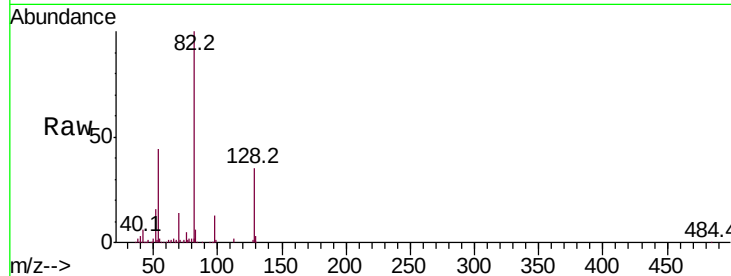




#23
 Nitrobenzene-d5
 Concen: 107.359 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BG036125.D
 Acq: 4 Aug 2018 11:54

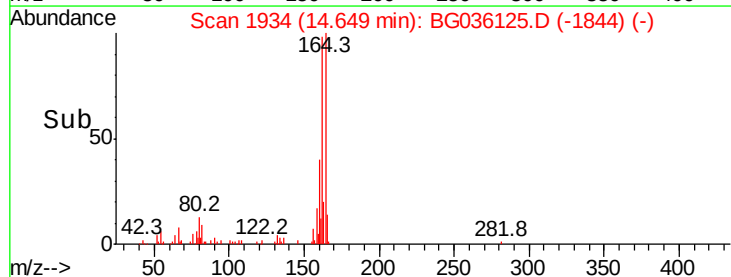
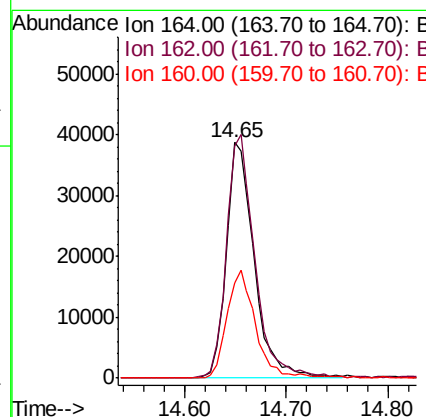
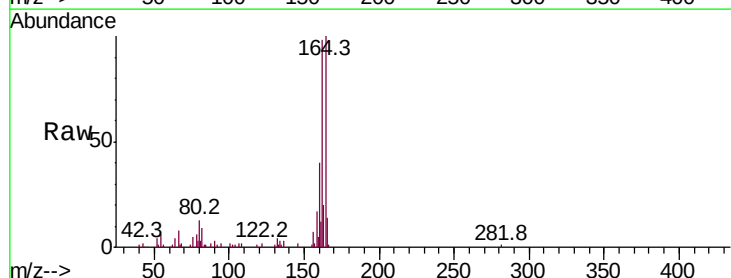
Instrument :
 BNA_G
 ClientSampleId :
 T40-STONE-1

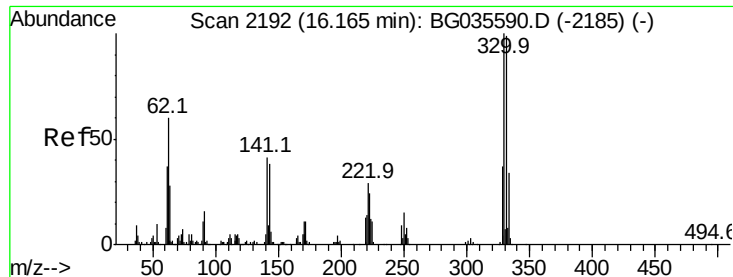
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.7	44.5
54	43.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG036125.D
 Acq: 4 Aug 2018 11:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.8	118.2
160	40.4	35.4	53.0

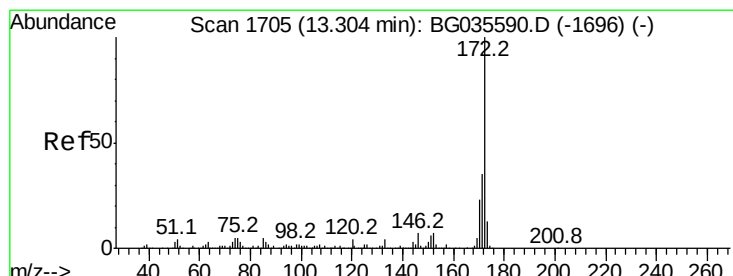
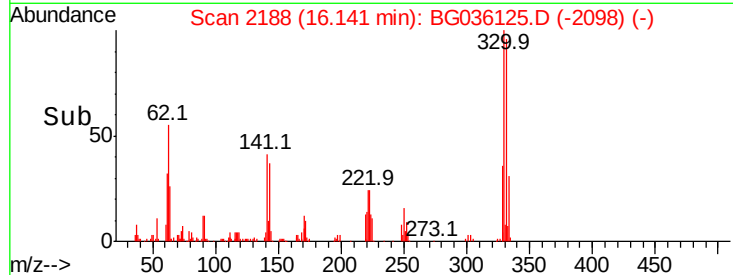
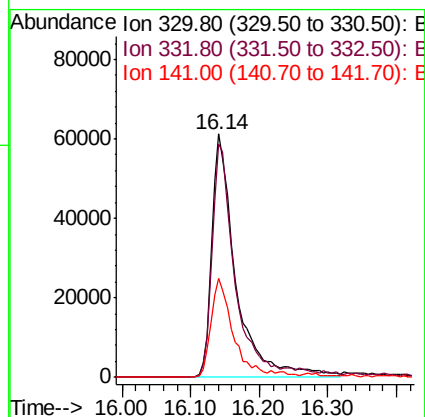
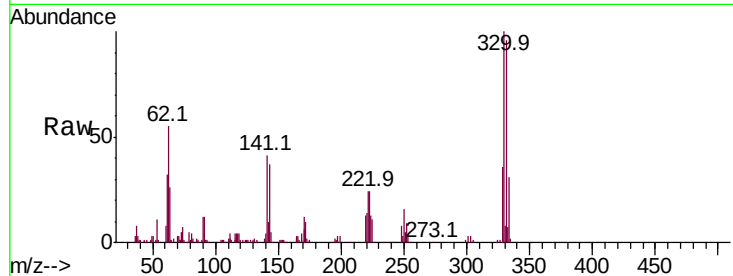




#41
 2,4,6-Tribromophenol
 Concen: 152.967 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG036125.D
 Acq: 4 Aug 2018 11:54

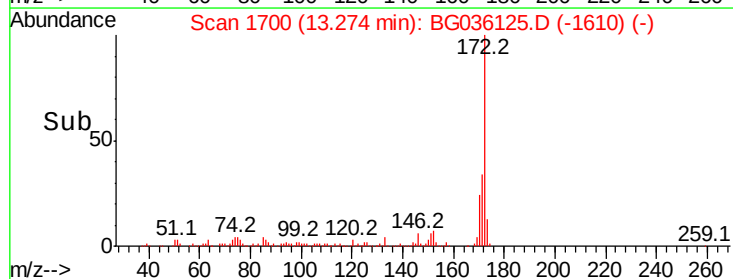
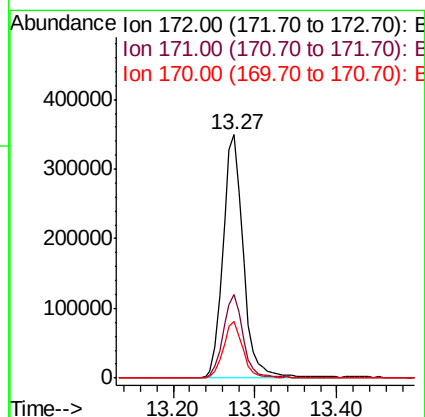
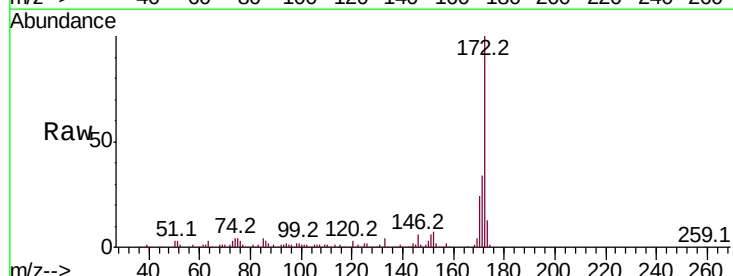
Instrument :
 BNA_G
 ClientSampleId :
 T40-STONE-1

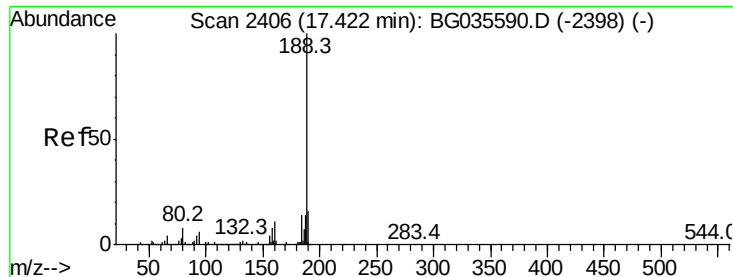
Tot Ion:330 Resp: 148929
 Ion Ratio Lower Upper
 330 100
 332 93.2 77.0 115.6
 141 36.7 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 110.109 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG036125.D
 Acq: 4 Aug 2018 11:54

Tgt Ion:172 Resp: 607083
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.0 45.0
 170 23.5 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BG036125.D

Acq: 4 Aug 2018 11:54

Instrument :

BNA_G

ClientSampleId :

T40-STONE-1

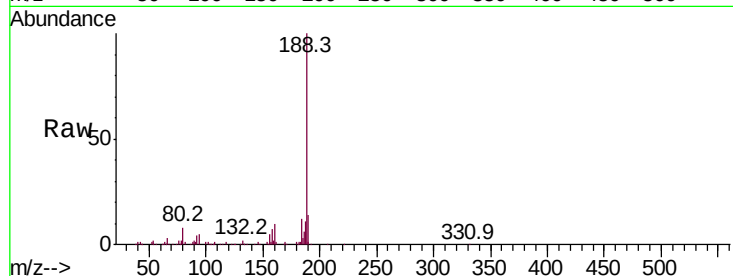
Tot Ion:188 Resp: 205724

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

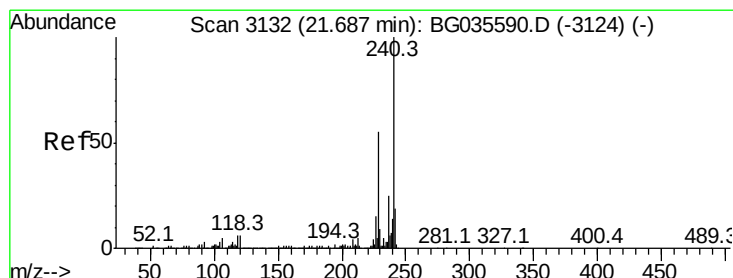
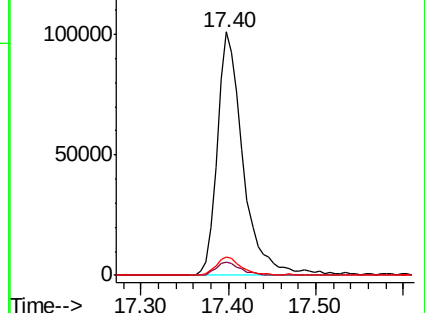
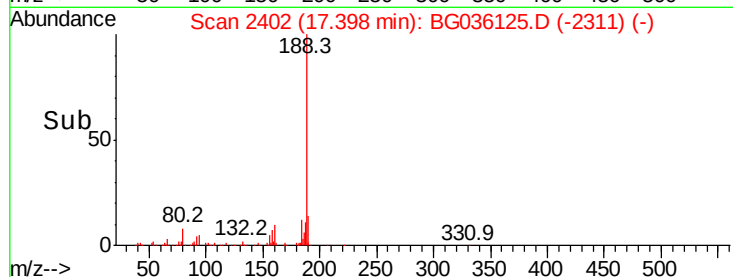
80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. 0.01 min

Lab File: BG036125.D

Acq: 4 Aug 2018 11:54

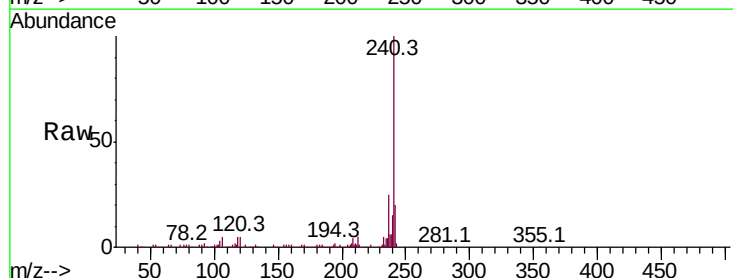
Tgt Ion:240 Resp: 218958

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

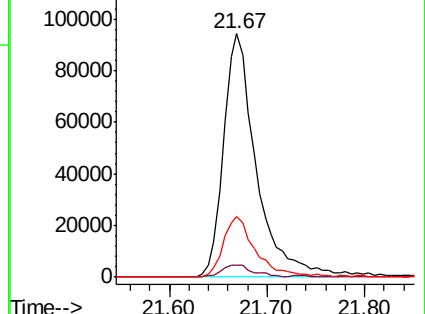
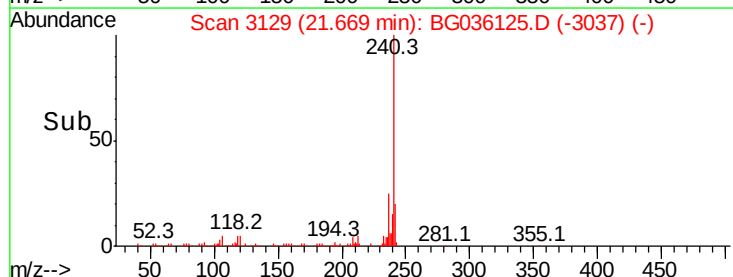
236 24.8 20.9 31.3

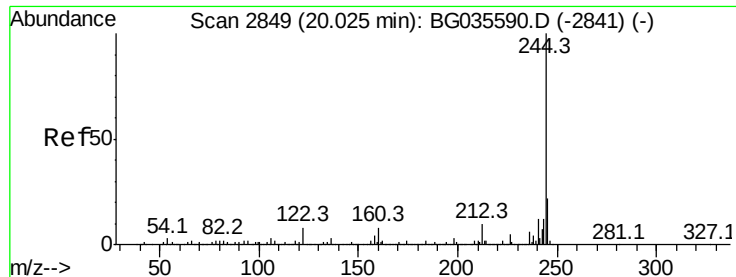


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 119.035 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG036125.D

Acq: 4 Aug 2018 11:54

Instrument :

BNA_G

ClientSampleId :

T40-STONE-1

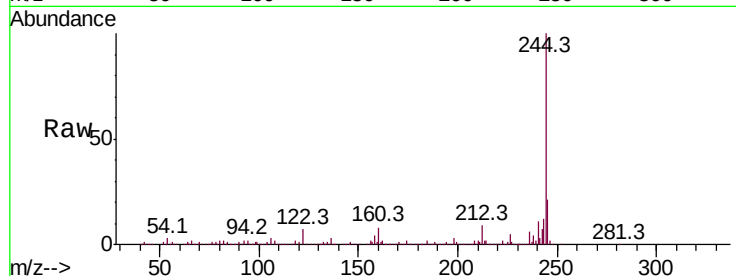
Tot Ion:244 Resp: 1182397

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

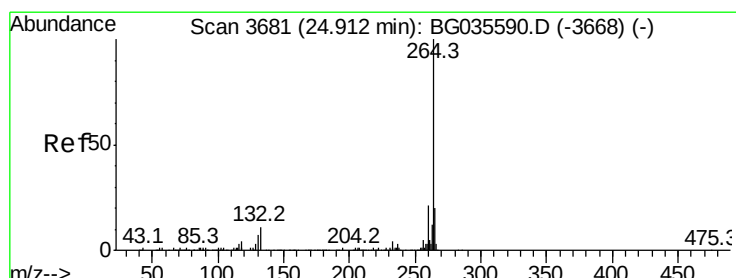
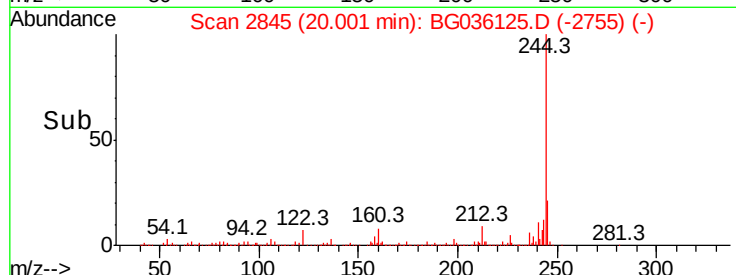
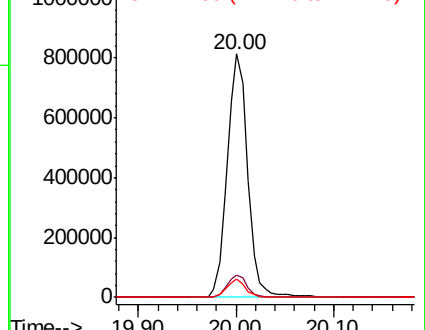
122 7.3 7.0 10.4



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: 24.88 min Scan# 3675

Delta R.T. 0.02 min

Lab File: BG036125.D

Acq: 4 Aug 2018 11:54

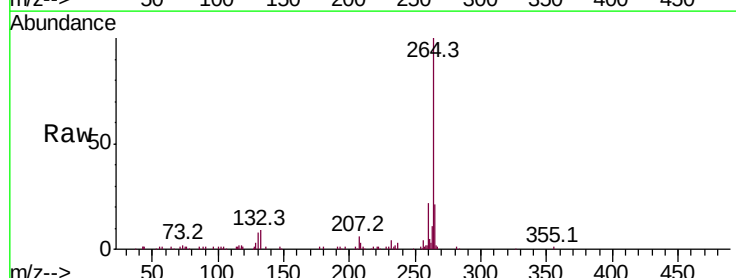
Tgt Ion:264 Resp: 188192

Ion Ratio Lower Upper

264 100

260 22.2 17.4 26.0

265 21.2 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

