

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036281.D
 Acq On : 10 Aug 2018 23:59
 Operator : JU/SJ
 Sample : J4282-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-080918-A

Quant Time: Aug 11 04:57:29 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	24173	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	84202	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	61061	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	165871	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	184719	20.00	ng	-0.02
86) Perylene-d12	24.84	264	163712	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	199705	137.16	ng	0.00
7) Phenol-d6	7.18	99	259375	119.40	ng	-0.01
23) Nitrobenzene-d5	9.17	82	219643	108.97	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	124764	155.02	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	501985	110.14	ng	-0.02
78) Terphenyl-d14	19.98	244	991370	118.30	ng	-0.02

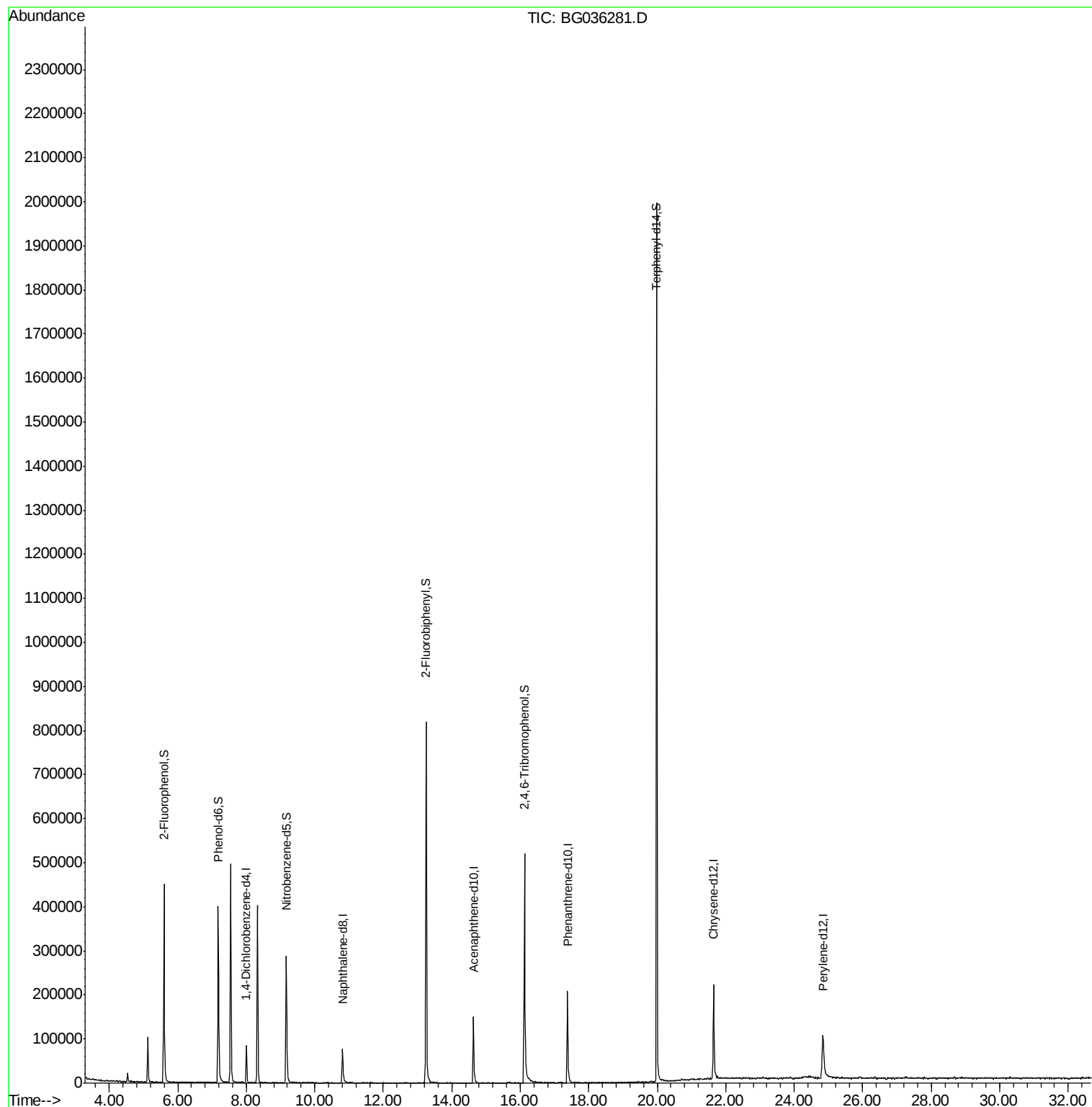
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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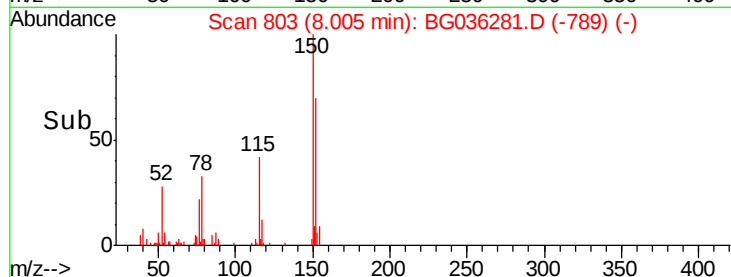
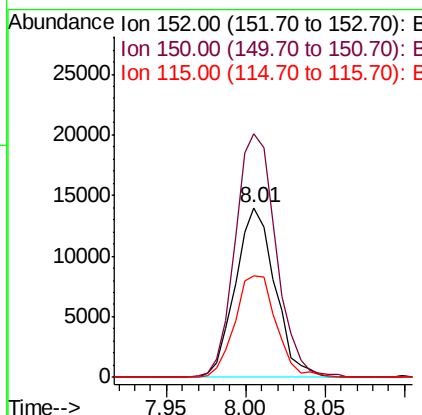
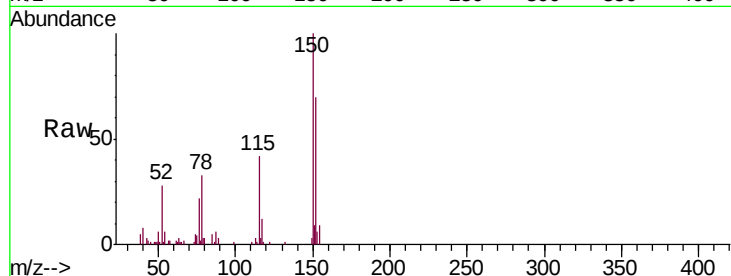


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036281.D
Acq: 10 Aug 2018 23:59

Instrument :
BNA_G
ClientSampleId :
SU-02-080918-A

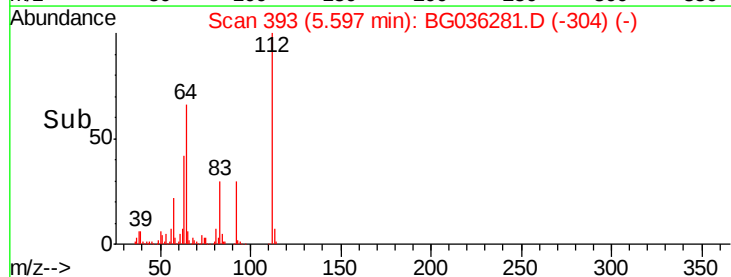
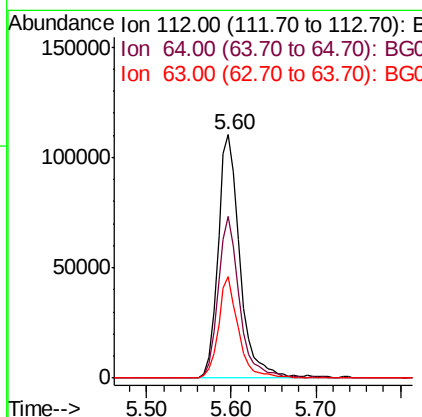
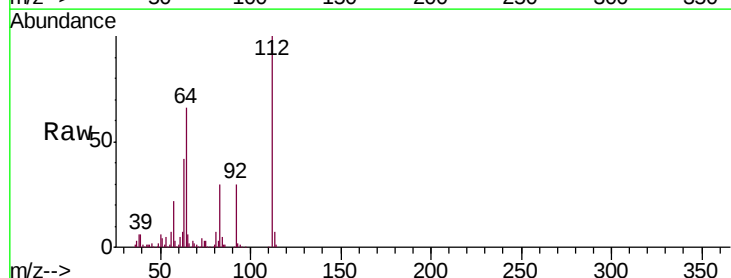
Tgt Ion:152 Resp: 24173
Ion Ratio Lower Upper
152 100
150 143.5 126.6 189.8
115 59.7 53.0 79.4

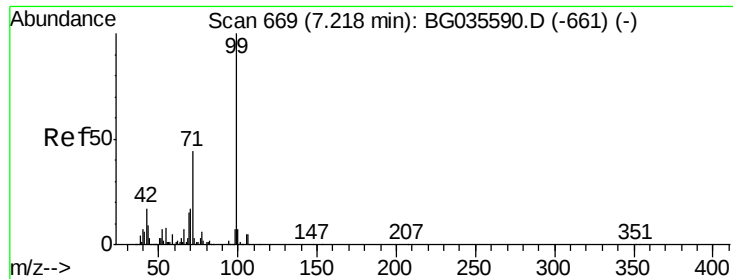


#5

2-Fluorophenol
Concen: 137.160 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036281.D
Acq: 10 Aug 2018 23:59

Tgt Ion:112 Resp: 199705
Ion Ratio Lower Upper
112 100
64 66.2 56.3 84.5
63 41.9 30.1 45.1





#7

Phenol-d6

Concen: 119.399 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036281.D

Acq: 10 Aug 2018 23:59

Instrument :

BNA_G

ClientSampleId :

SU-02-080918-A

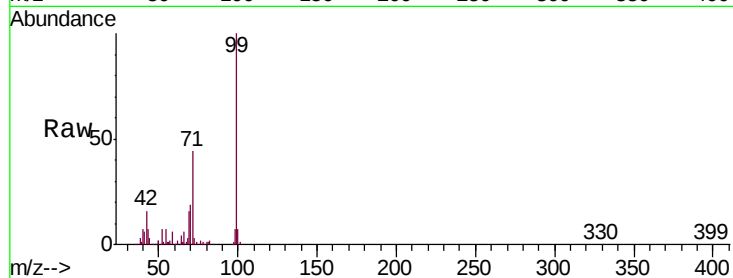
Tgt Ion: 99 Resp: 259375

Ion Ratio Lower Upper

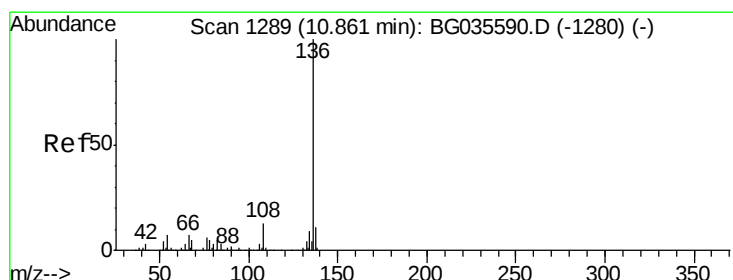
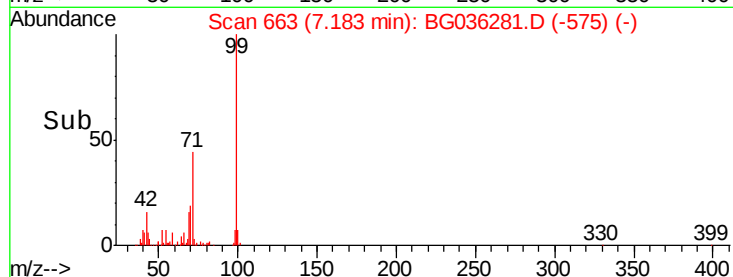
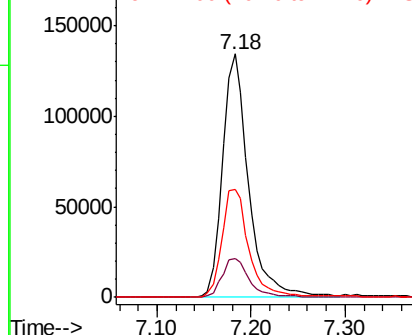
99 100

42 16.2 14.1 21.1

71 44.4 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# 1281

Delta R.T. -0.02 min

Lab File: BG036281.D

Acq: 10 Aug 2018 23:59

Tgt Ion: 136 Resp: 84202

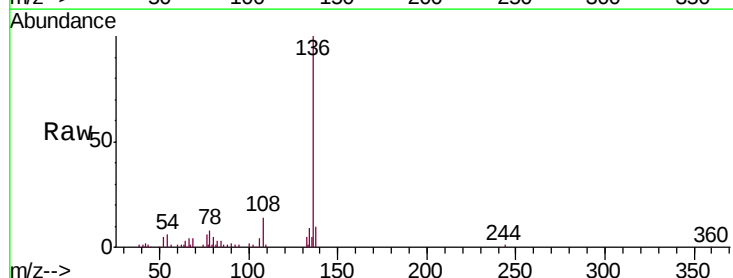
Ion Ratio Lower Upper

136 100

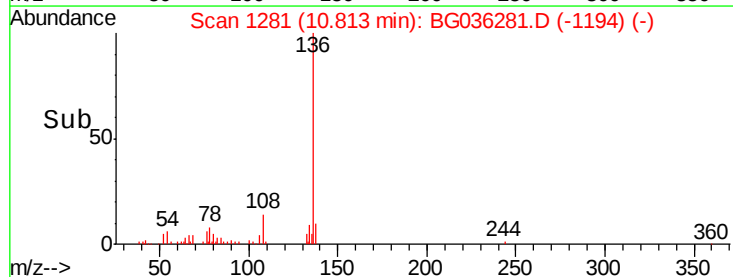
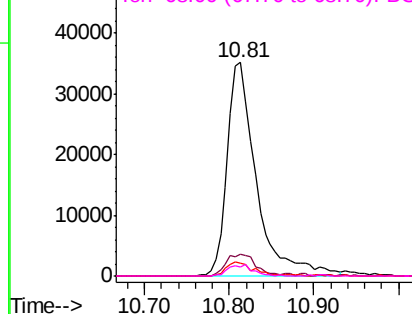
137 10.2 9.2 13.8

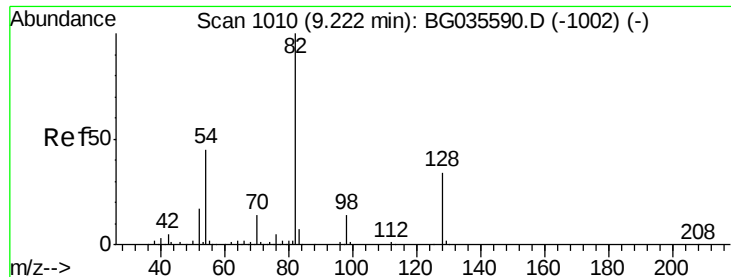
54 6.1 10.3 15.5#

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

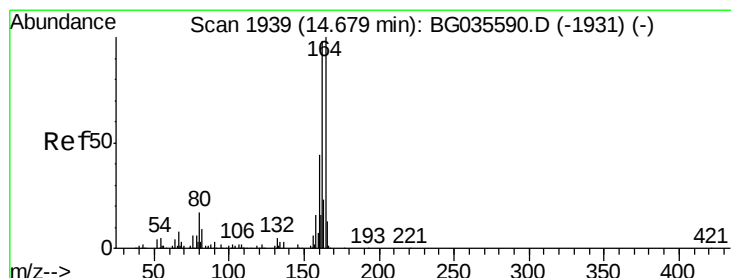
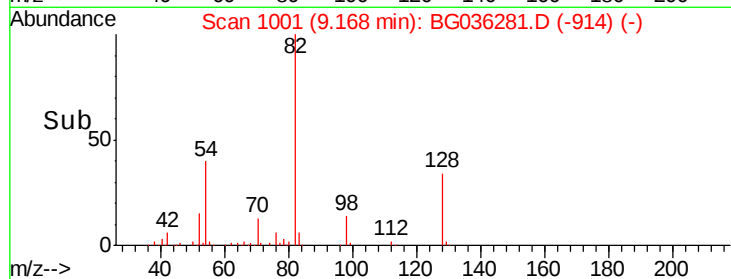
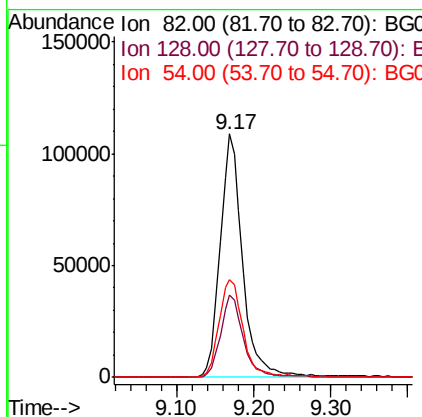
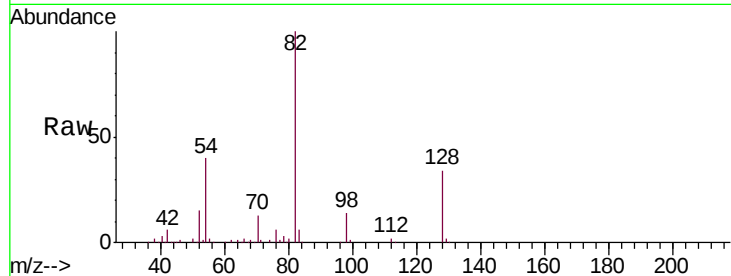




#23
 Nitrobenzene-d5
 Concen: 108.970 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036281.D
 Acq: 10 Aug 2018 23:59

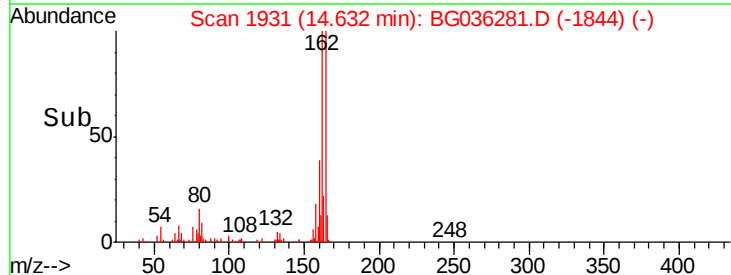
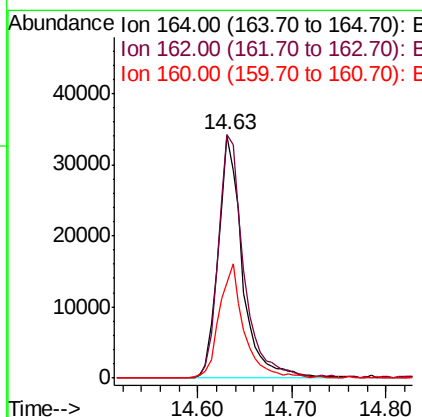
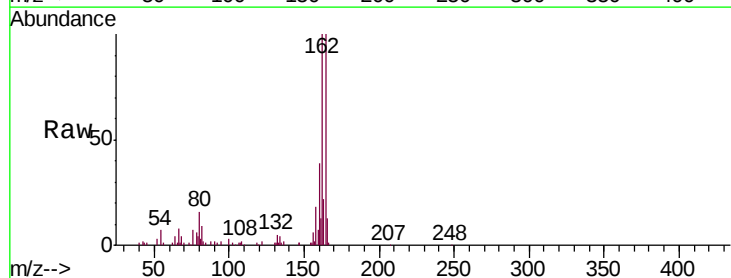
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-080918-A

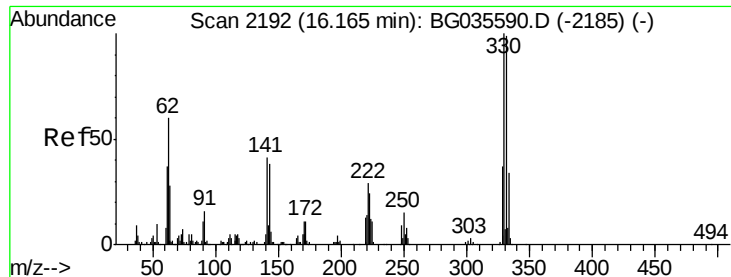
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.9	29.7	44.5
54	39.9	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036281.D
 Acq: 10 Aug 2018 23:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.8	118.2
160	39.5	35.4	53.0

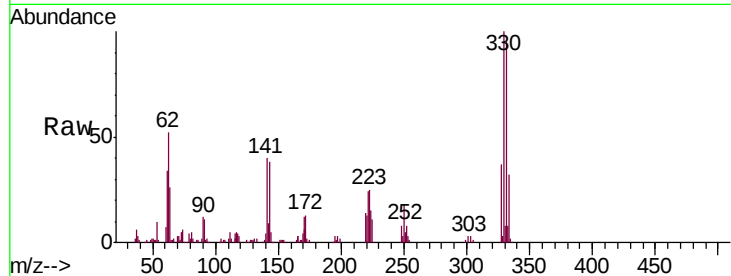




#41
 2,4,6-Tribromophenol
 Concen: 155.020 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036281.D
 Acq: 10 Aug 2018 23:59

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-080918-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	38.3	25.2	37.8#

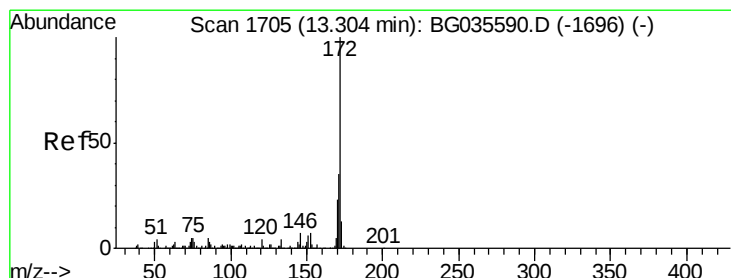
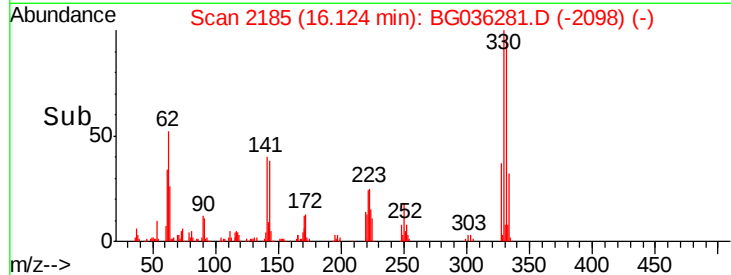
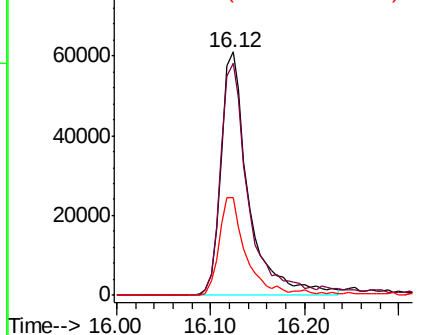


Abundance

Ion 329.80 (329.50 to 330.50): E

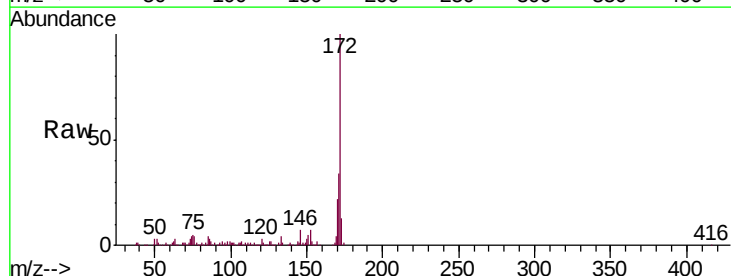
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 110.141 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036281.D
 Acq: 10 Aug 2018 23:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	21.8	19.5	29.3

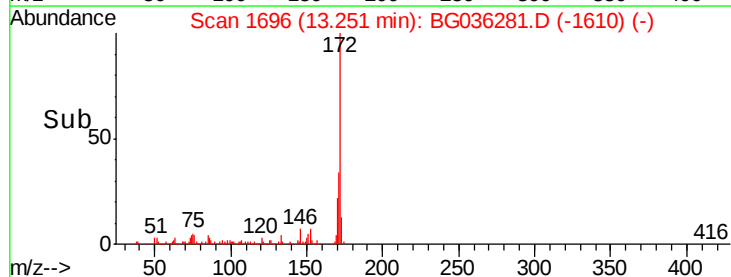
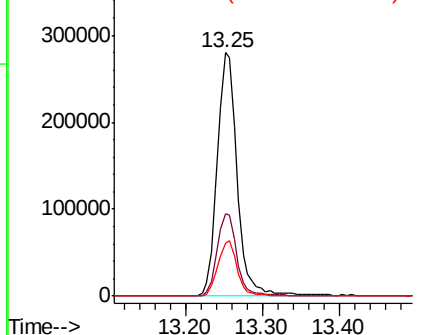


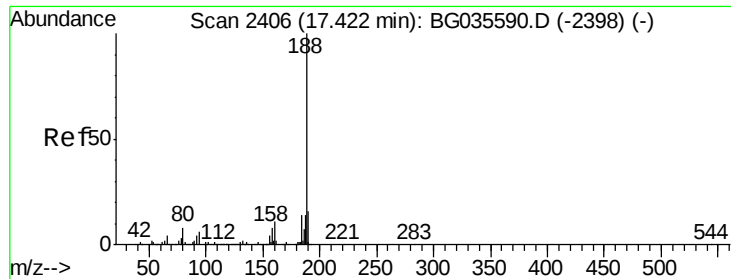
Abundance

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# 2399

Delta R.T. -0.01 min

Lab File: BG036281.D

Acq: 10 Aug 2018 23:59

Instrument :

BNA_G

ClientSampleId :

SU-02-080918-A

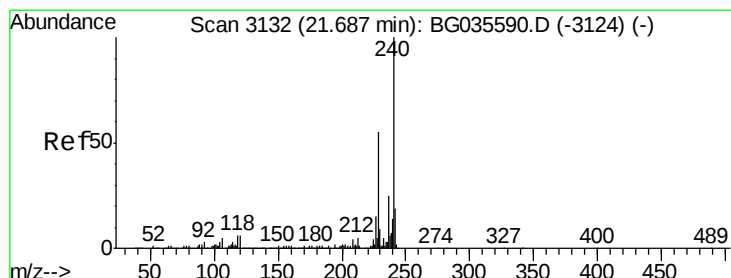
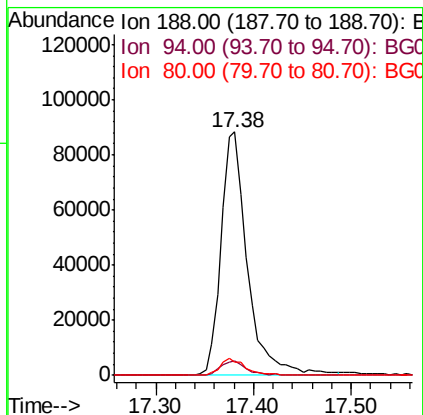
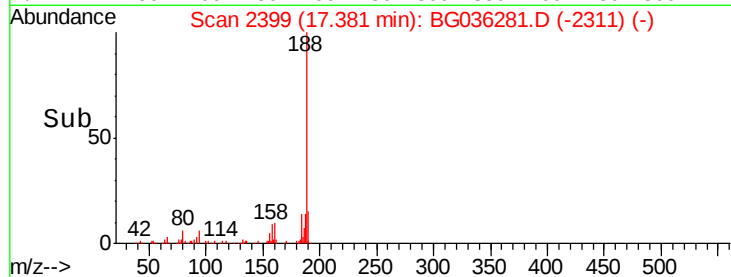
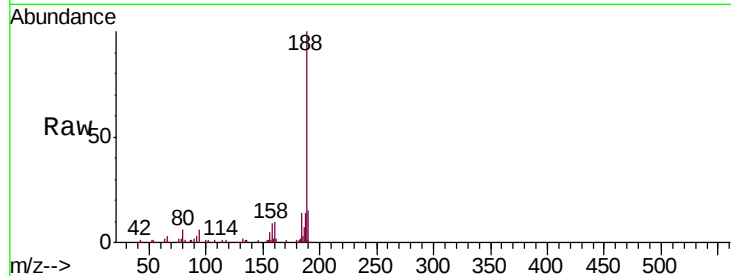
Tgt Ion:188 Resp: 165871

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

80 5.6 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: BG036281.D

Acq: 10 Aug 2018 23:59

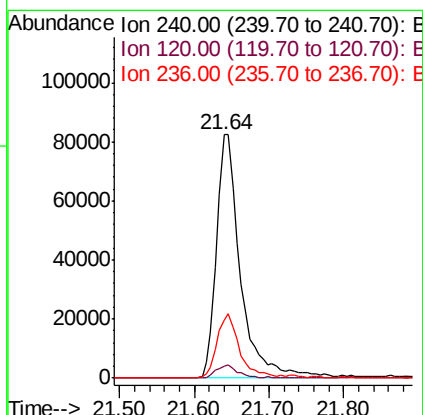
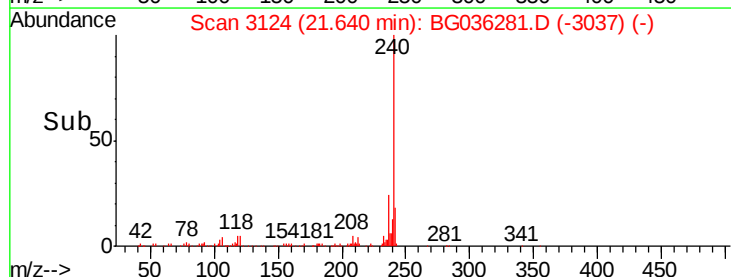
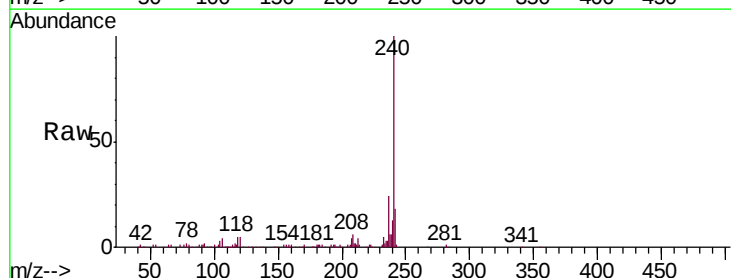
Tgt Ion:240 Resp: 184719

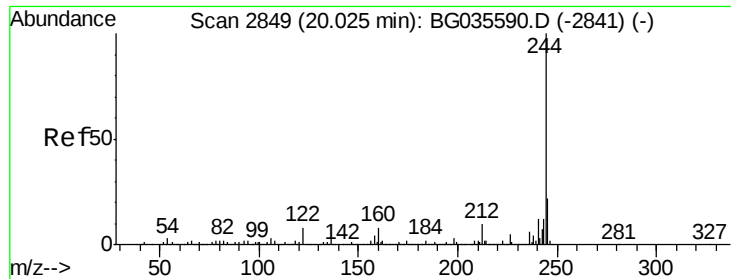
Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

236 23.9 20.9 31.3





#78

Terphenyl-d14

Concen: 118.303 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036281.D

Acq: 10 Aug 2018 23:59

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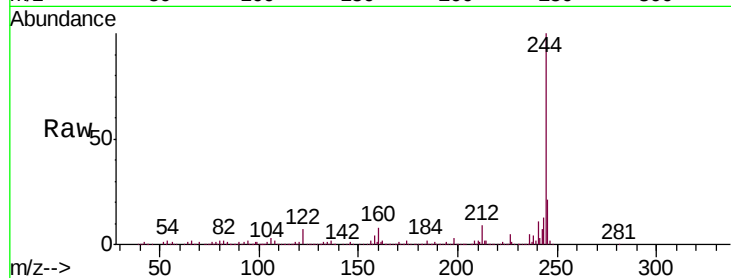
Tgt Ion:244 Resp: 991370

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

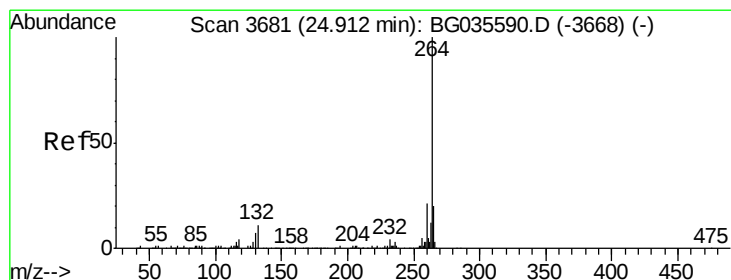
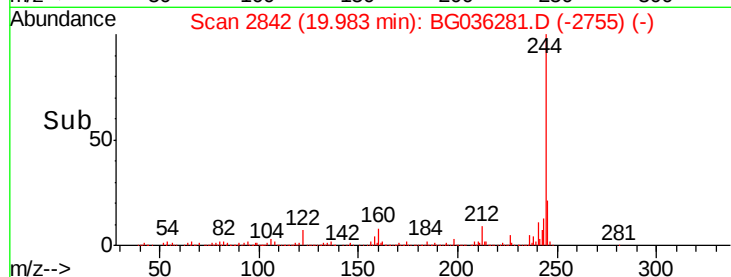
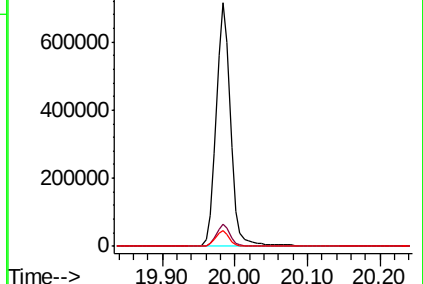
122 6.6 7.0 10.4#



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: 24.84 min Scan# 3668

Delta R.T. -0.02 min

Lab File: BG036281.D

Acq: 10 Aug 2018 23:59

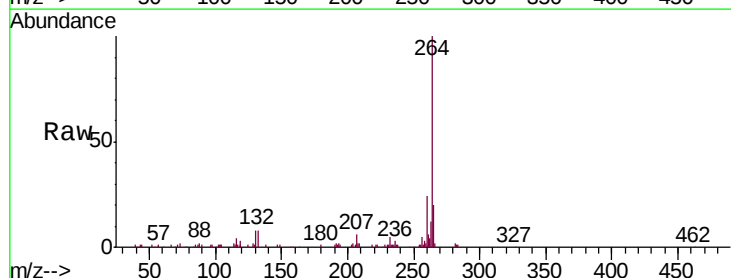
Tgt Ion:264 Resp: 163712

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 20.2 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

