

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036427.D
 Acq On : 27 Aug 2018 12:10
 Operator : JU/SJ
 Sample : J4594-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1-3-RO

Quant Time: Aug 27 14:09:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53041	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	220997	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	149934	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	412302	20.00	ng	0.00
75) Chrysene-d12	21.70	240	444710	20.00	ng	-0.02
86) Perylene-d12	24.91	264	439160	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	328357	98.20	ng	0.00
7) Phenol-d6	7.22	99	406460	84.90	ng	0.00
23) Nitrobenzene-d5	9.23	82	305410	74.98	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	211012	117.95	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	745233	70.97	ng	0.00
78) Terphenyl-d14	20.04	244	1444945	75.94	ng	-0.02

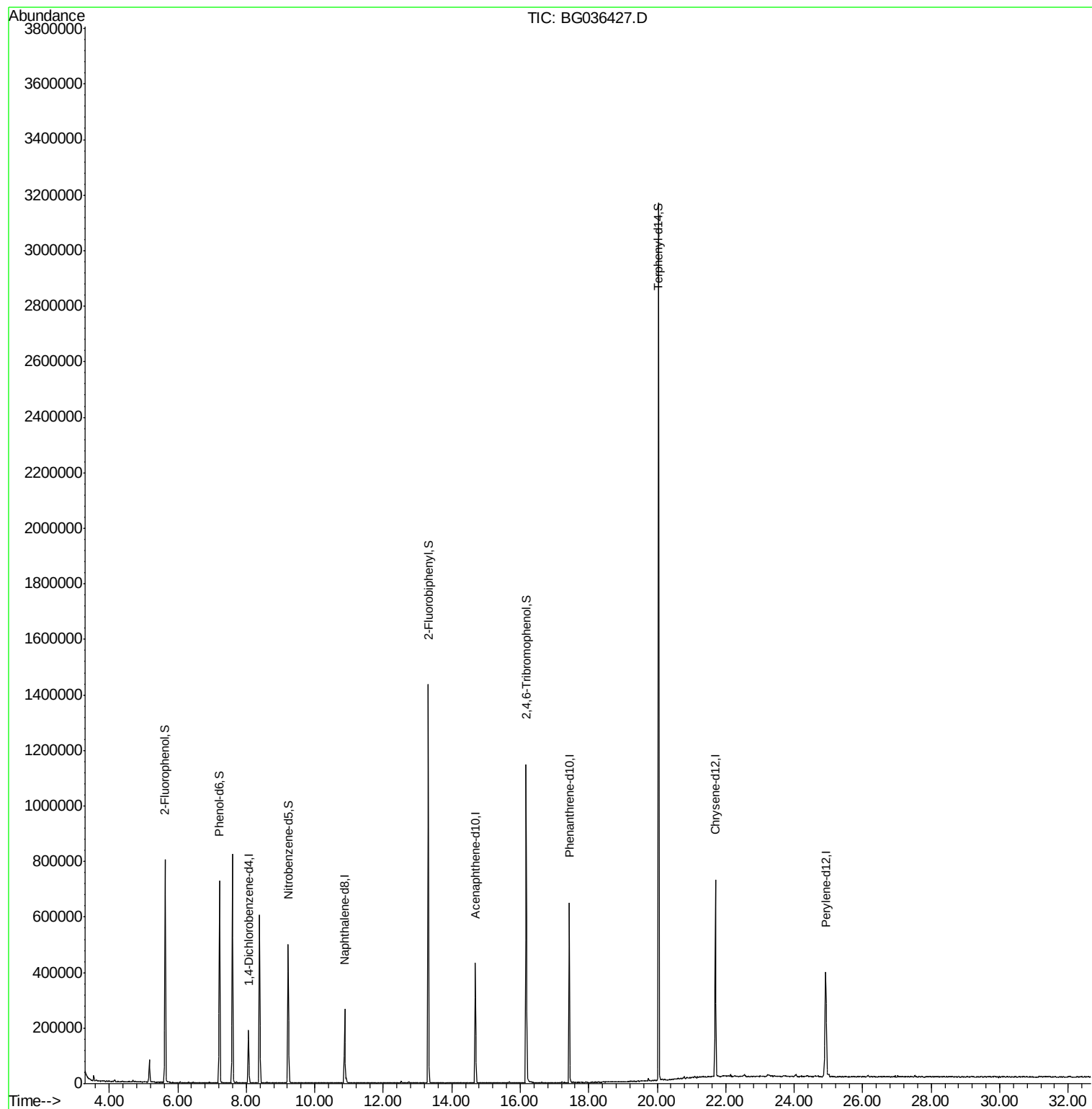
Target Compounds Qvalue

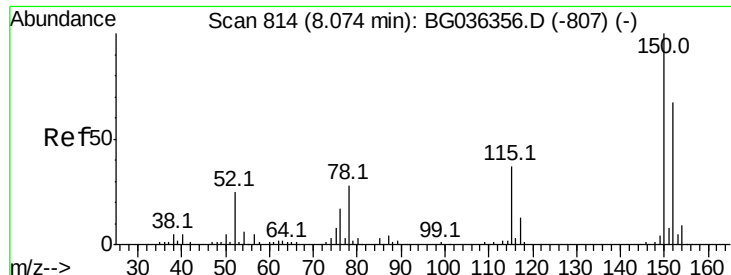
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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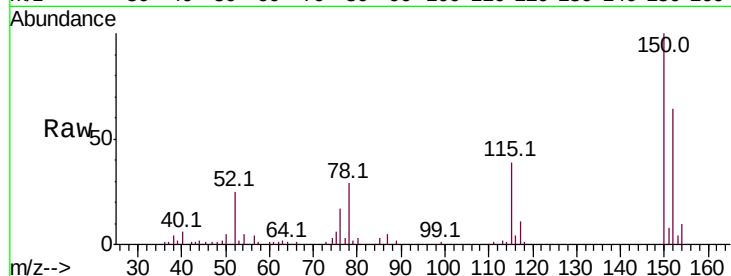


#1

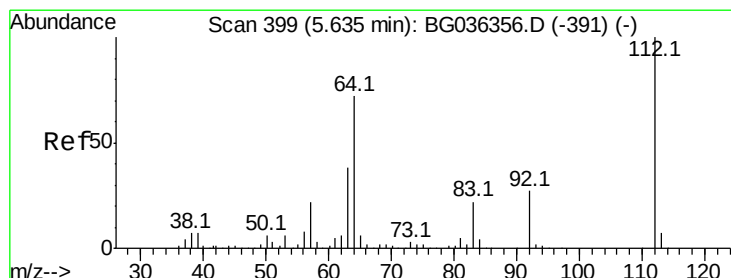
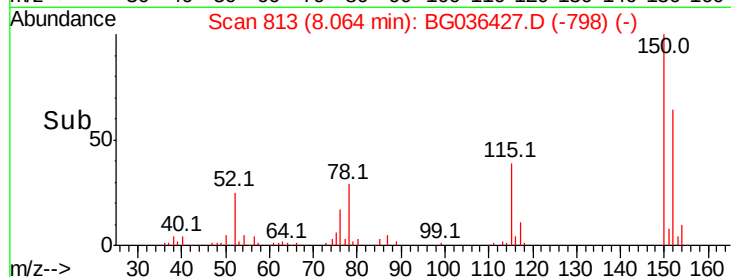
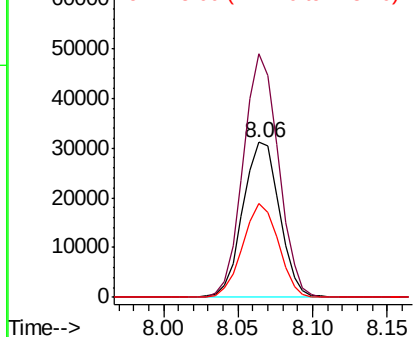
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG036427.D
 Acq: 27 Aug 2018 12:10

Instrument :
 BNA_G
 ClientSampleId :
 1-3-RO

Tot Ion:152 Resp: 53041
 Ion Ratio Lower Upper
 152 100
 150 157.0 119.5 179.3
 115 60.7 44.5 66.7



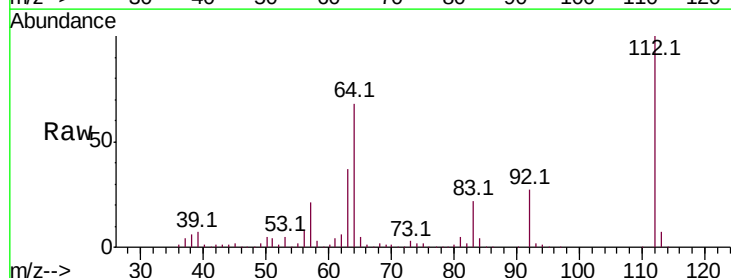
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



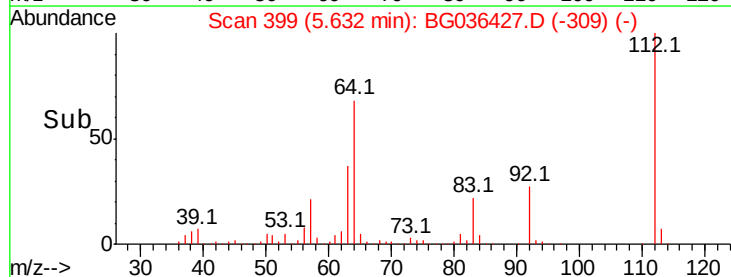
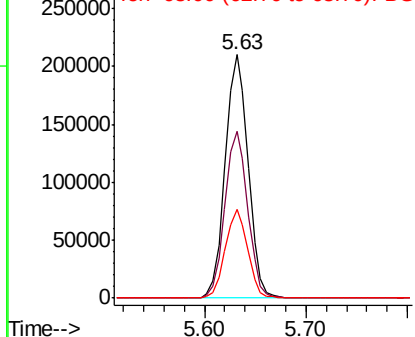
#5

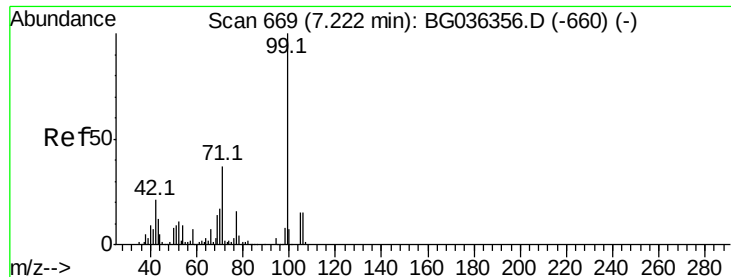
2-Fluorophenol
 Concen: 98.202 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036427.D
 Acq: 27 Aug 2018 12:10

Tgt Ion:112 Resp: 328357
 Ion Ratio Lower Upper
 112 100
 64 68.4 57.2 85.8
 63 36.6 30.8 46.2



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: 84.903 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036427.D

Acq: 27 Aug 2018 12:10

Instrument :

BNA_G

ClientSampleId :

1-3-RO

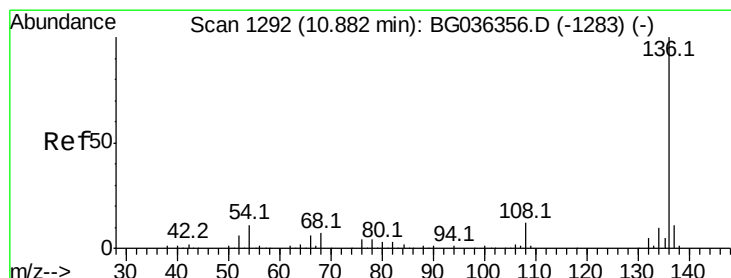
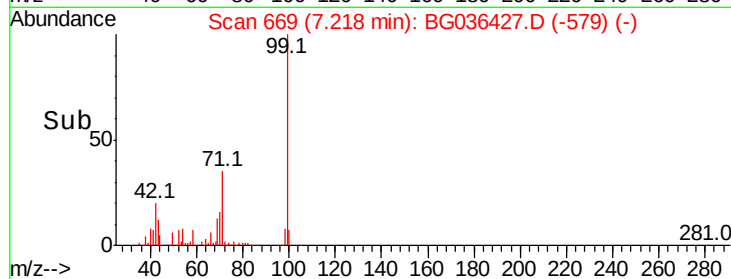
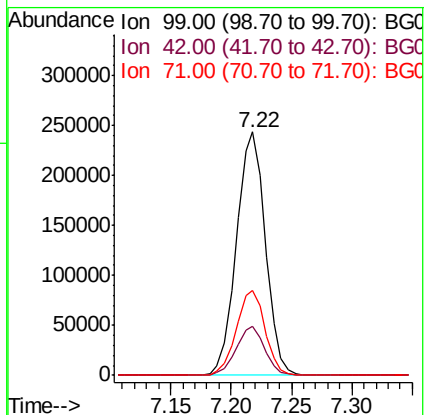
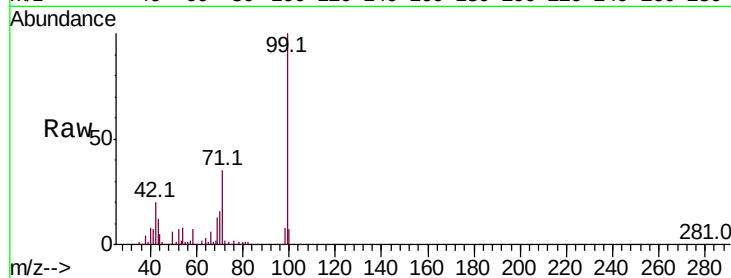
Tot Ion: 99 Resp: 406460

Ion Ratio Lower Upper

99 100

42 20.1 16.5 24.7

71 35.0 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036427.D

Acq: 27 Aug 2018 12:10

Tgt Ion: 136 Resp: 220997

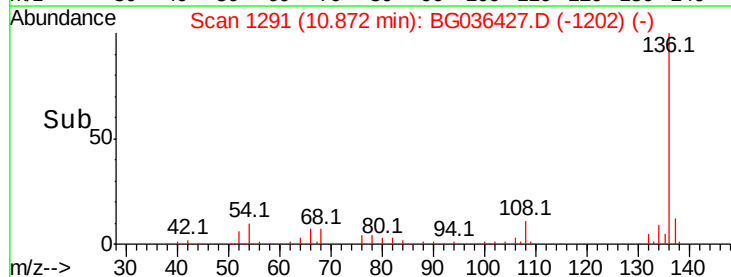
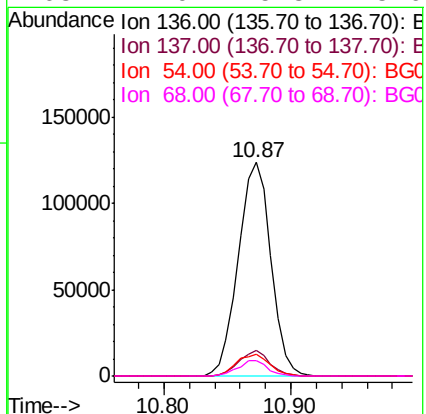
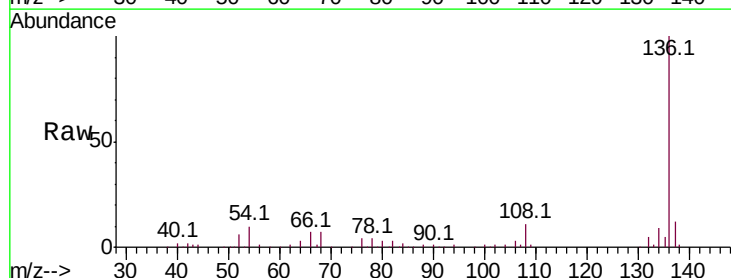
Ion Ratio Lower Upper

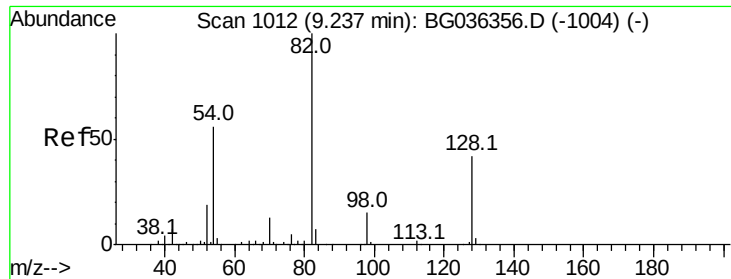
136 100

137 11.7 8.8 13.2

54 10.3 9.2 13.8

68 7.0 5.8 8.6

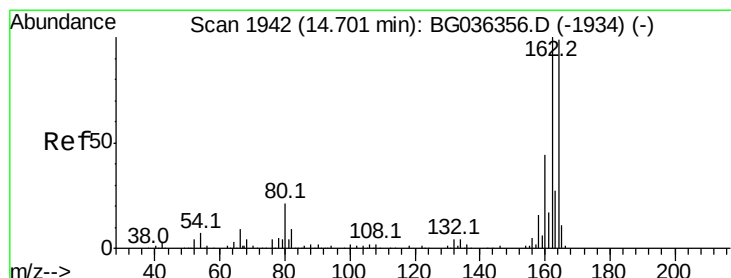
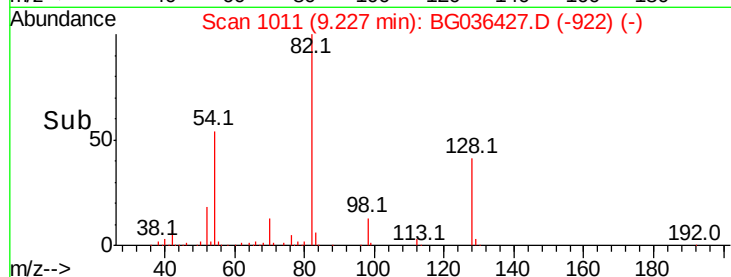
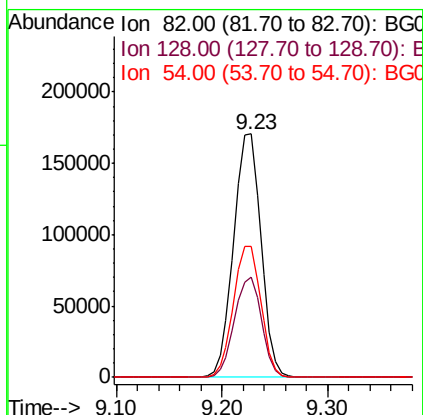
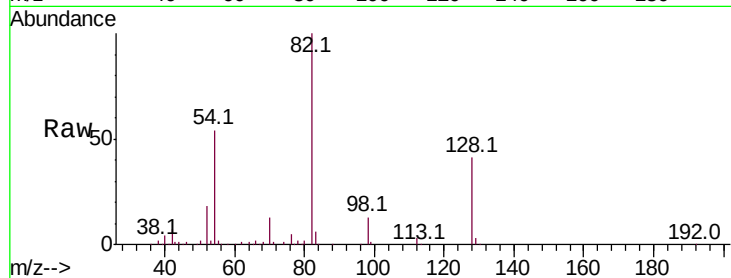




#23
 Nitrobenzene-d5
 Concen: 74.981 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036427.D
 Acq: 27 Aug 2018 12:10

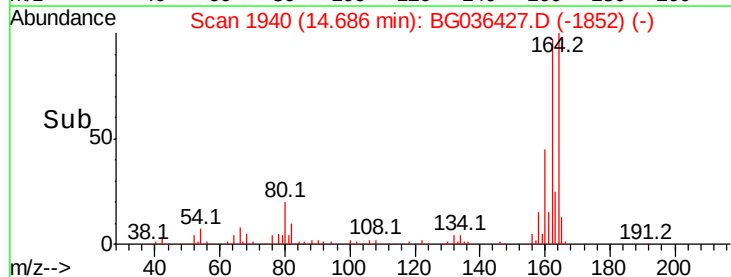
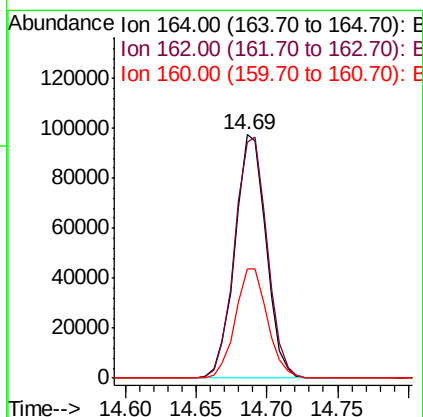
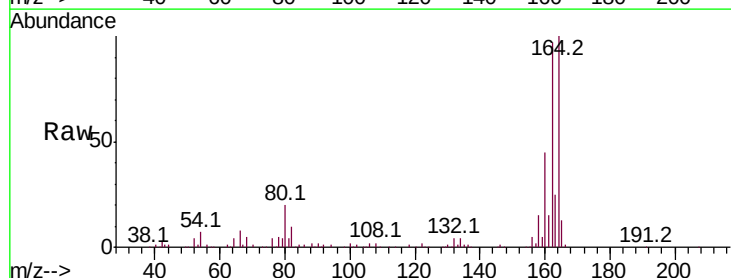
Instrument :
 BNA_G
 ClientSampleId :
 1-3-RO

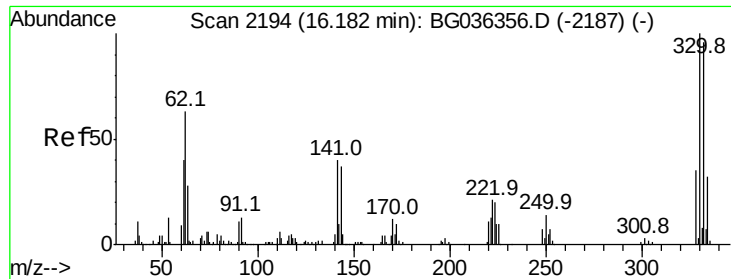
Tot Ion: 82 Resp: 305410
 Ion Ratio Lower Upper
 82 100
 128 41.3 33.3 49.9
 54 53.7 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.02 min
 Lab File: BG036427.D
 Acq: 27 Aug 2018 12:10

Tgt Ion: 164 Resp: 149934
 Ion Ratio Lower Upper
 164 100
 162 96.7 80.7 121.1
 160 44.8 35.3 52.9

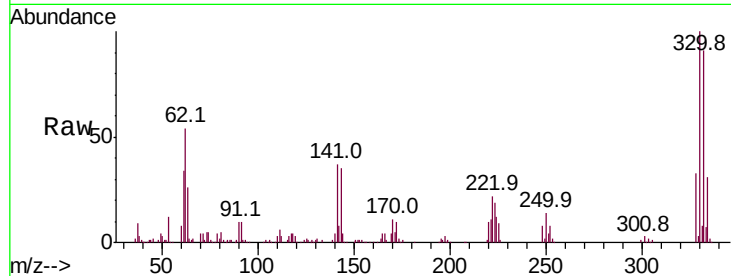




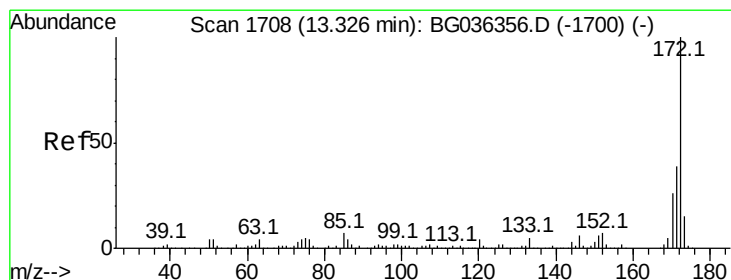
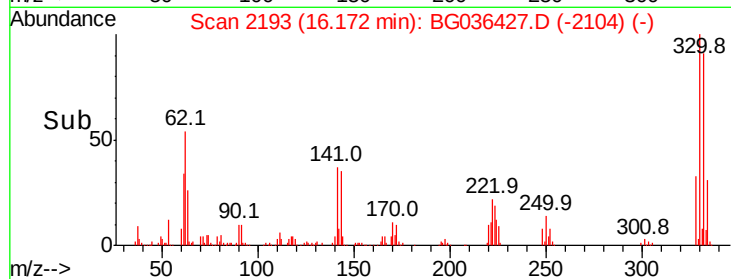
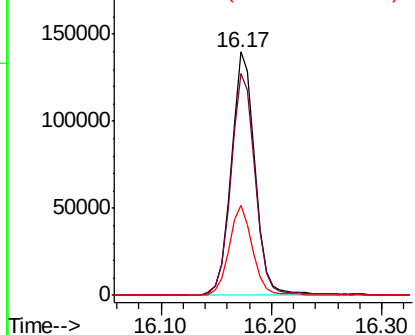
#41
 2,4,6-Tribromophenol
 Concen: 117.947 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036427.D
 Acq: 27 Aug 2018 12:10

Instrument :
 BNA_G
 ClientSampled :
 1-3-RO

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	75.4	113.2
141	36.5	30.7	46.1

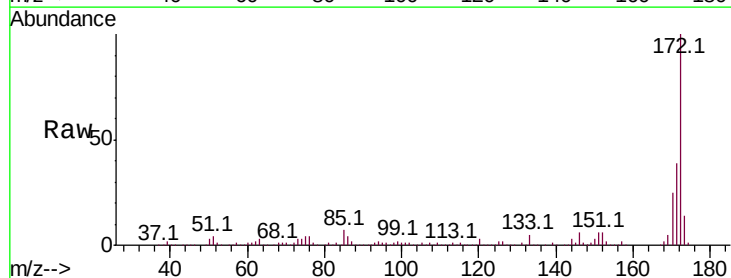


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

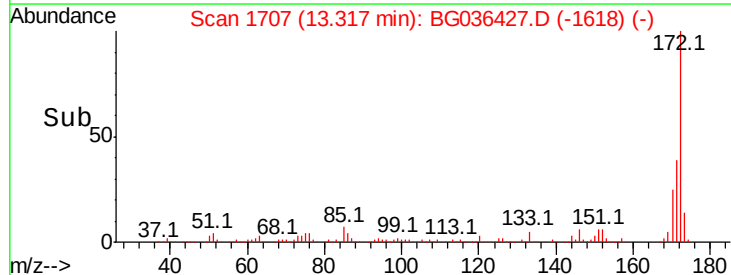
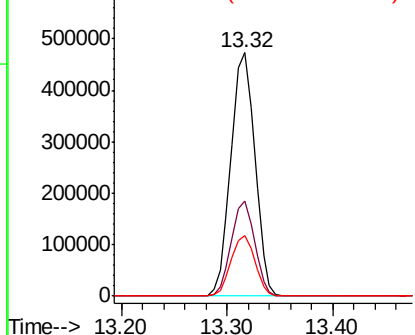


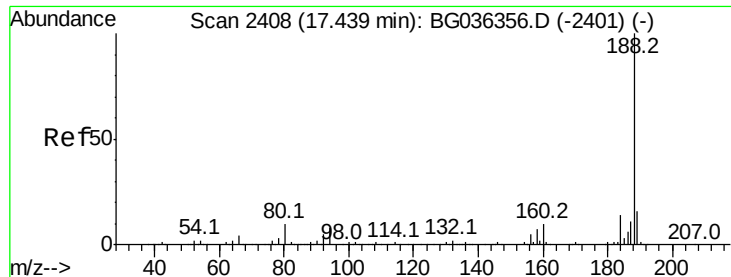
#44
 2-Fluorobiphenyl
 Concen: 70.968 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036427.D
 Acq: 27 Aug 2018 12:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.3	46.9
170	24.9	21.0	31.6



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

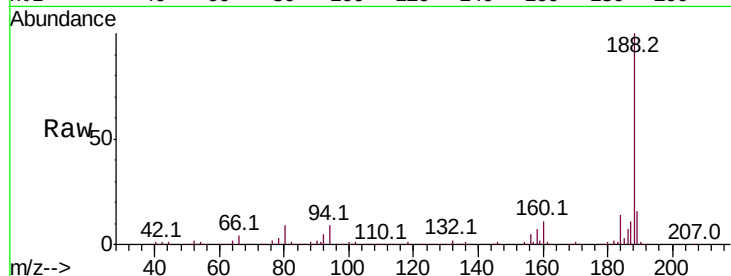




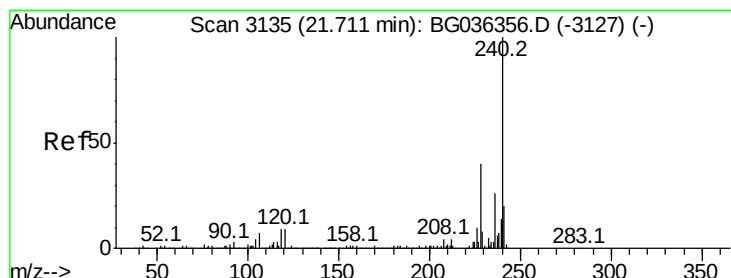
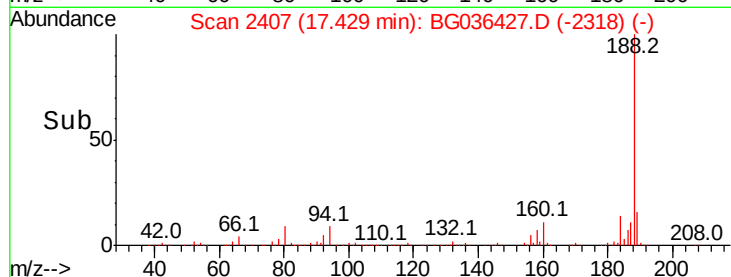
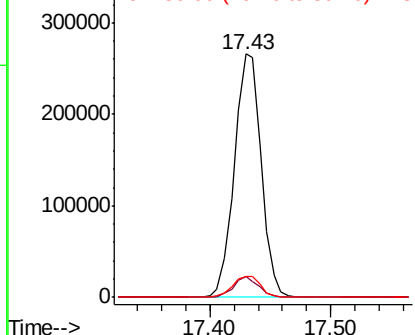
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036427.D
Acq: 27 Aug 2018 12:10

Instrument :
BNA_G
ClientSampleId :
1-3-RO

Tot Ion:188 Resp: 412302
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 8.8 8.1 12.1

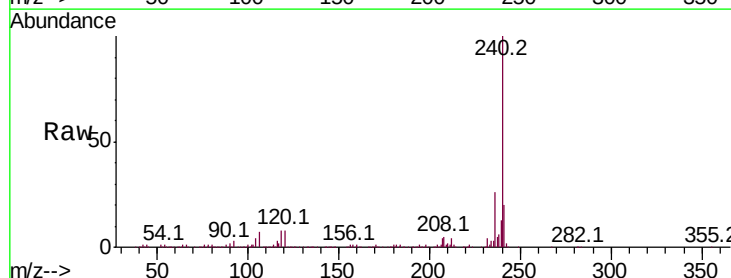


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

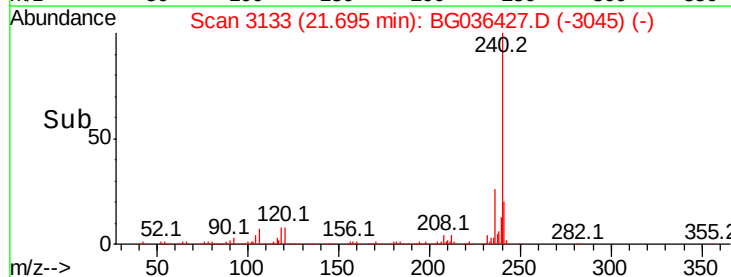
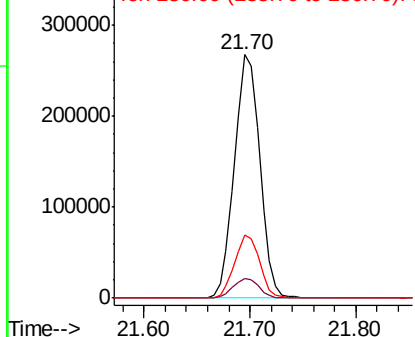


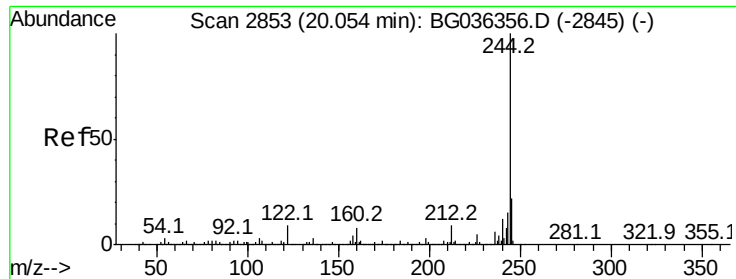
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG036427.D
Acq: 27 Aug 2018 12:10

Tgt Ion:240 Resp: 444710
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 25.9 21.2 31.8



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: 75.945 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG036427.D

Acq: 27 Aug 2018 12:10

Instrument :

BNA_G

ClientSampled :

1-3-RO

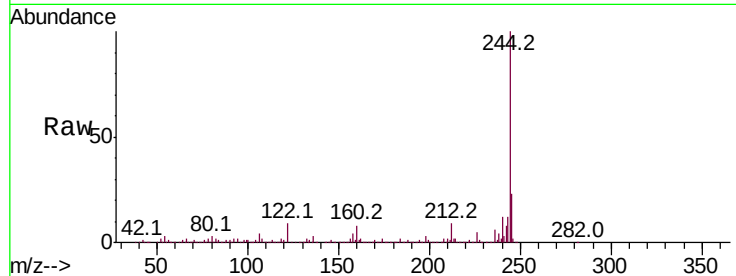
Tot Ion:244 Resp: 1444945

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

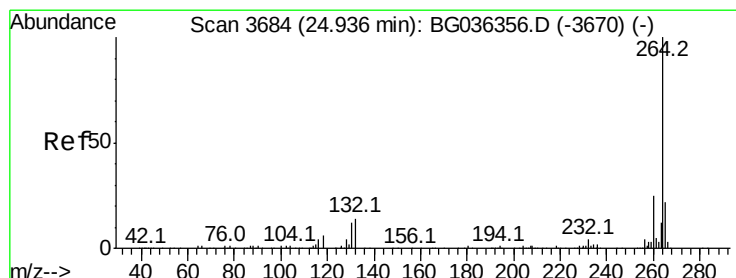
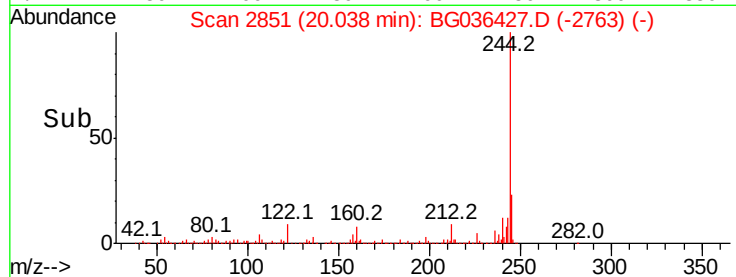
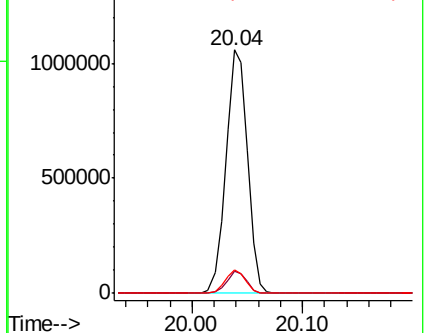
122 9.5 7.1 10.7



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: 24.91 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG036427.D

Acq: 27 Aug 2018 12:10

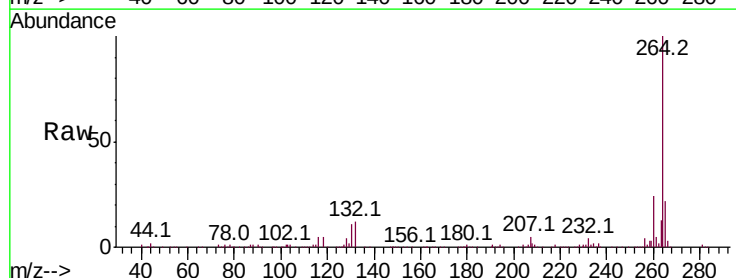
Tgt Ion:264 Resp: 439160

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 21.5 17.4 26.0



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

