

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036395.D
 Acq On : 24 Aug 2018 2:42
 Operator : JU/SJ
 Sample : J4522-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB081518

Quant Time: Aug 24 04:08:57 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	8.07	152	46951	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	196149	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	132180	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	353780	20.00	ng	0.00
75) Chrysene-d12	21.70	240	388582	20.00	ng	-0.01
86) Perylene-d12	24.92	264	394462	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	229187	77.43	ng	0.00
7) Phenol-d6	7.22	99	201867	47.64	ng	0.00
23) Nitrobenzene-d5	9.23	82	432247	119.56	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	305612	193.77	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1007723	108.86	ng	0.00
78) Terphenyl-d14	20.05	244	1840756	110.72	ng	0.00

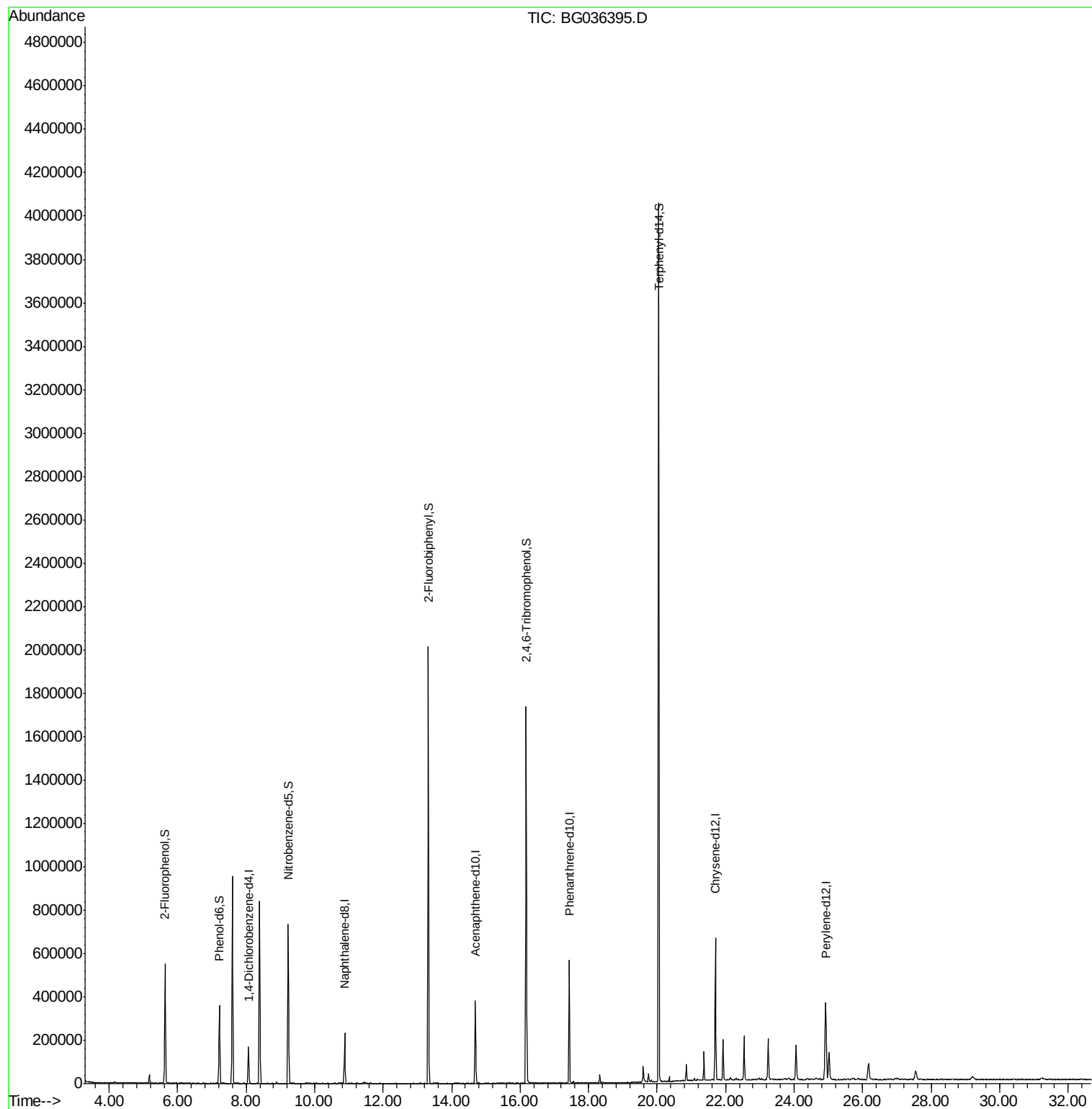
Target Compounds Qvalue

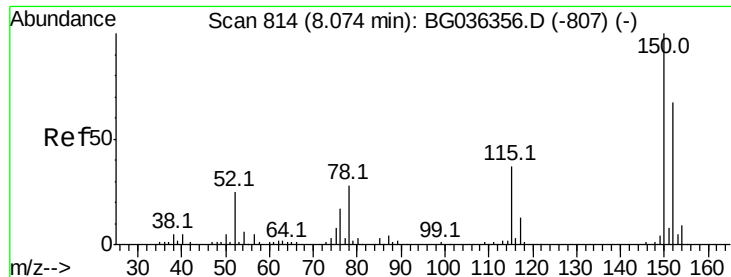
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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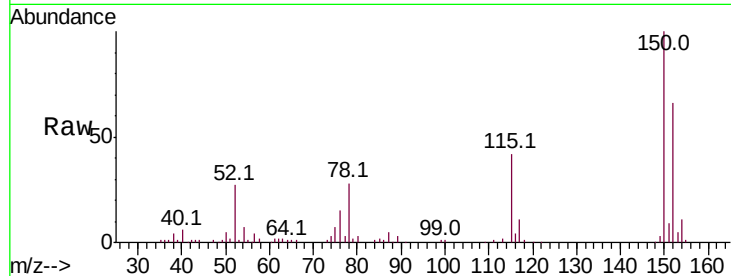


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036395.D
Acq: 24 Aug 2018 2:42

Instrument :
BNA_G
ClientSampled :
FB081518

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	119.5	179.3
115	63.7	44.5	66.7

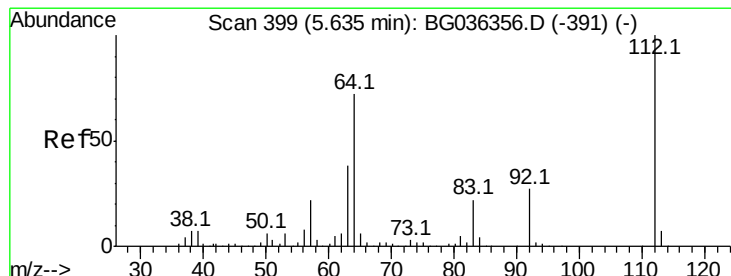
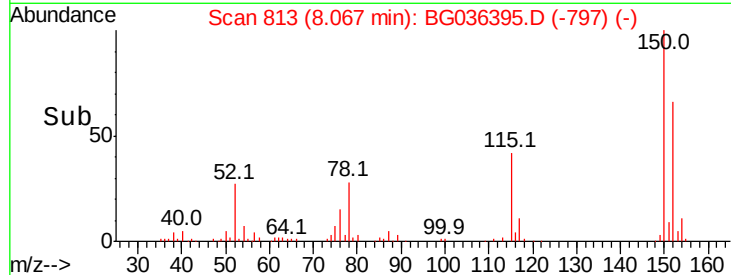
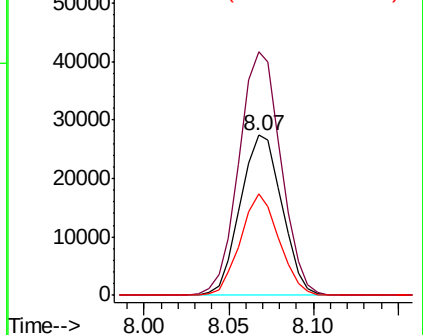


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

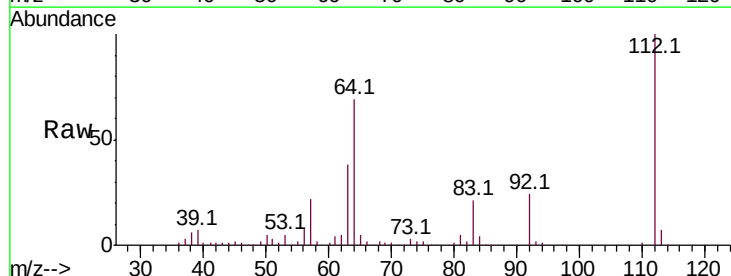
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.434 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG036395.D
Acq: 24 Aug 2018 2:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	57.2	85.8
63	37.6	30.8	46.2

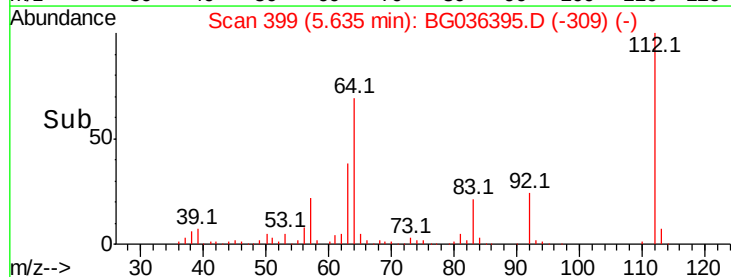
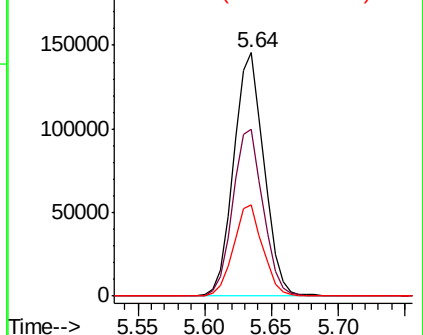


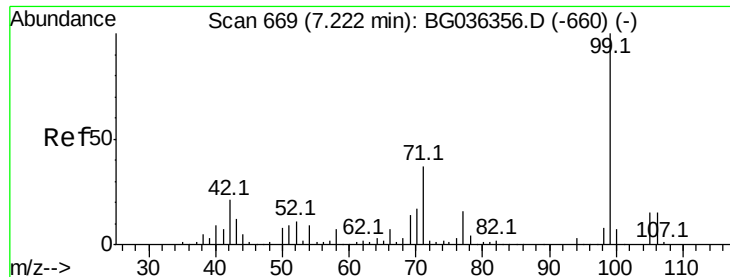
Abundance

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: 47.636 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036395.D

Acq: 24 Aug 2018 2:42

Instrument :

BNA_G

ClientSampleId :

FB081518

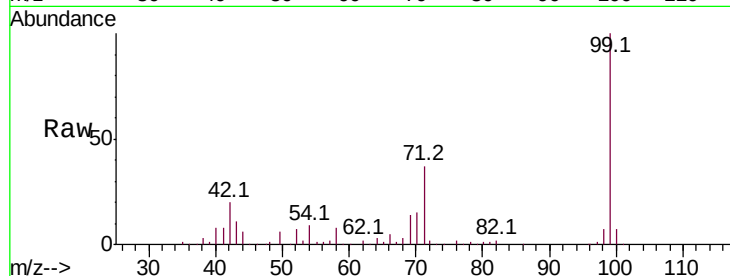
Tot Ion: 99 Resp: 201867

Ion Ratio Lower Upper

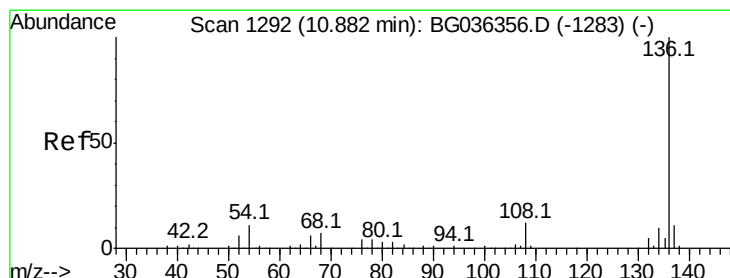
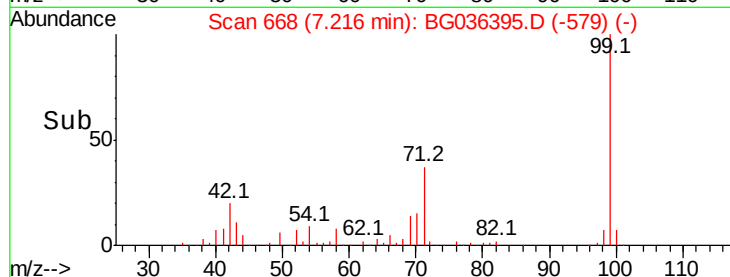
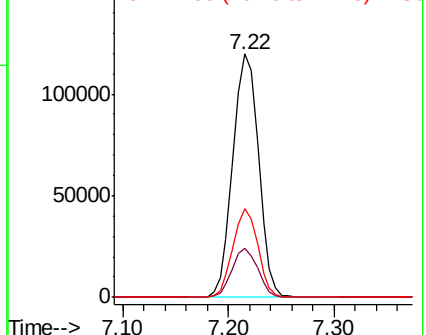
99 100

42 20.2 16.5 24.7

71 36.7 29.4 44.2



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: 10.88 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036395.D

Acq: 24 Aug 2018 2:42

Tgt Ion: 136 Resp: 196149

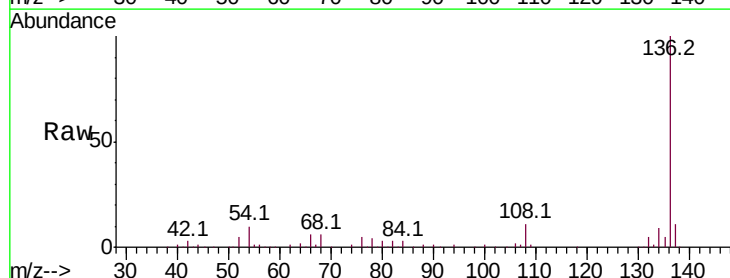
Ion Ratio Lower Upper

136 100

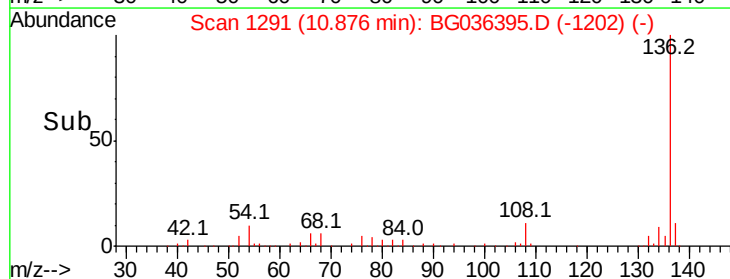
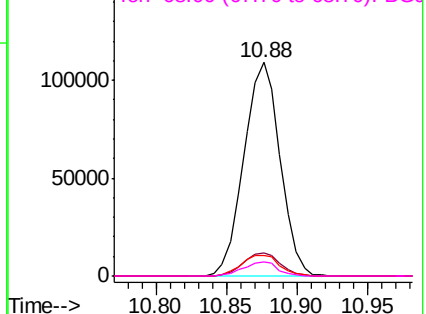
137 10.9 8.8 13.2

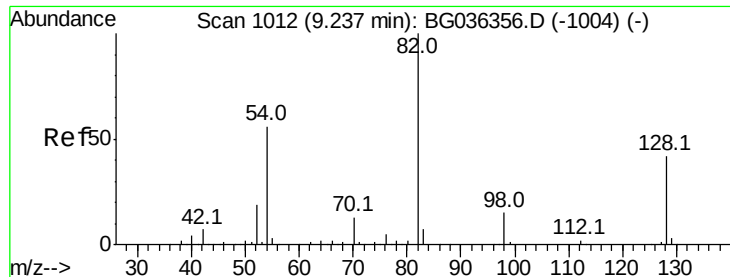
54 9.5 9.2 13.8

68 6.4 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

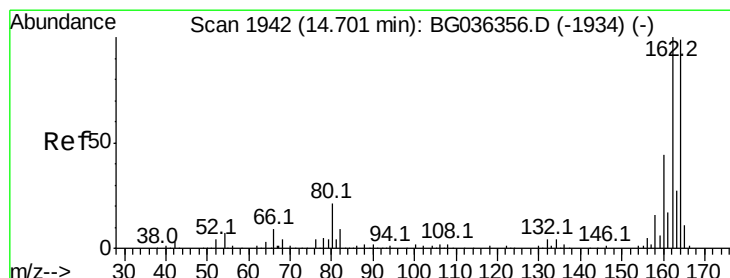
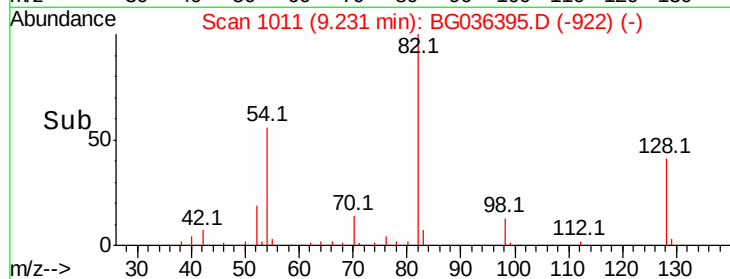
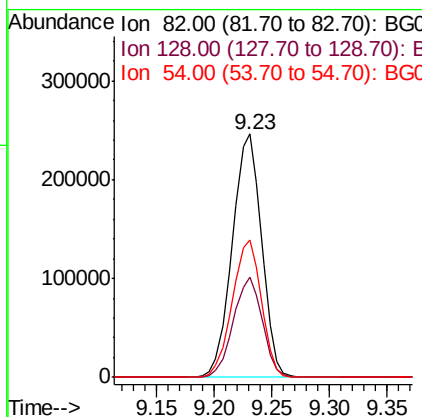
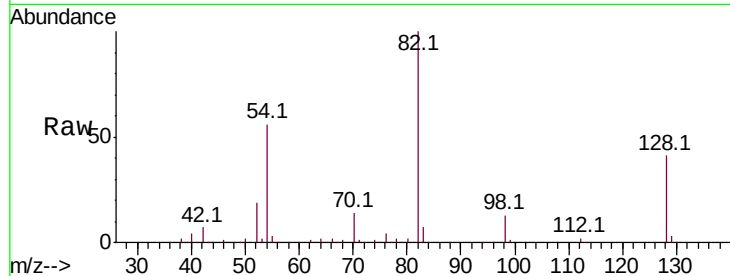




#23
 Nitrobenzene-d5
 Concen: 119.564 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036395.D
 Acq: 24 Aug 2018 2:42

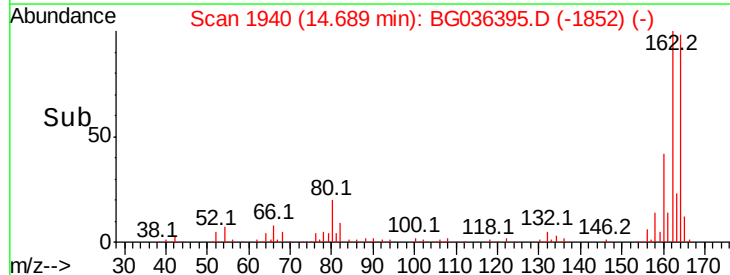
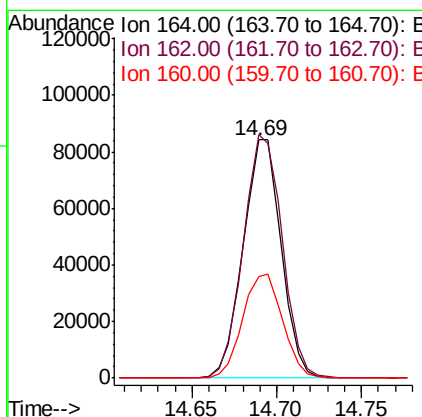
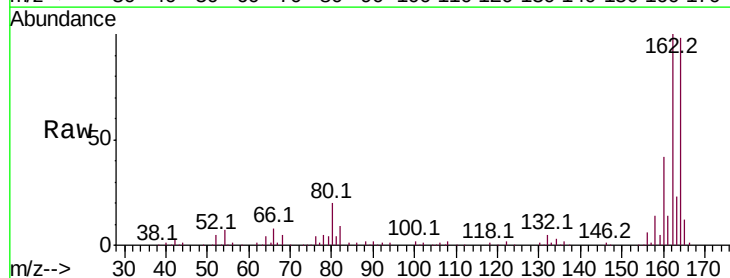
Instrument :
 BNA_G
 ClientSampleId :
 FB081518

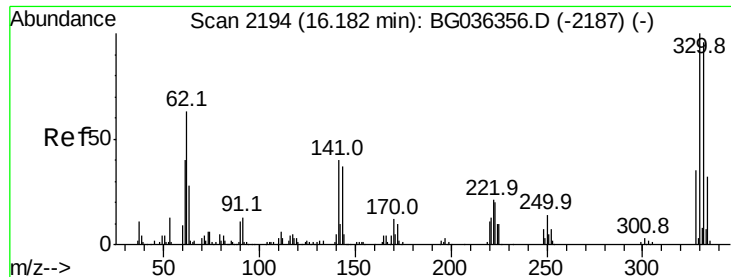
Tot Ion	82	Resp	432247
Ion Ratio	Lower	Upper	
82	100		
128	41.1	33.3	49.9
54	56.2	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036395.D
 Acq: 24 Aug 2018 2:42

Tgt Ion	164	Resp	132180
Ion Ratio	Lower	Upper	
164	100		
162	102.3	80.7	121.1
160	42.7	35.3	52.9

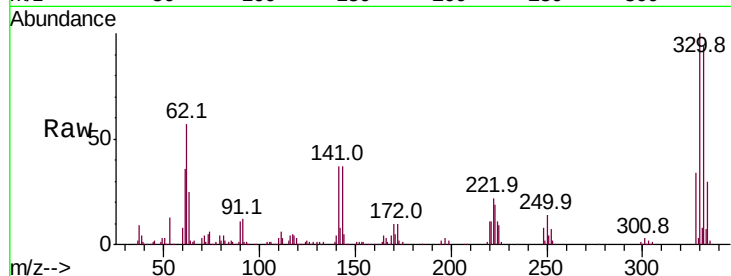




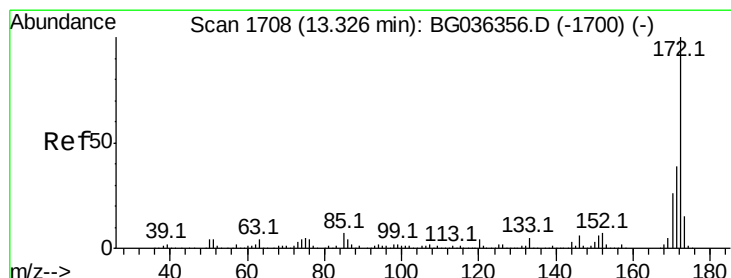
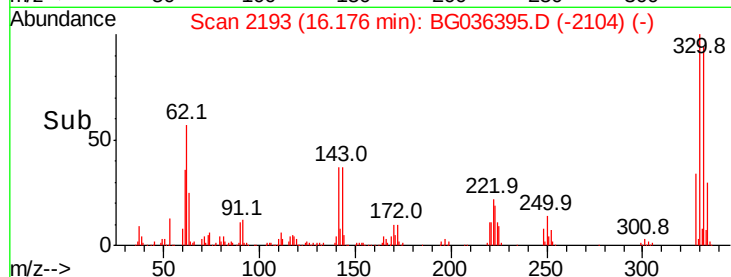
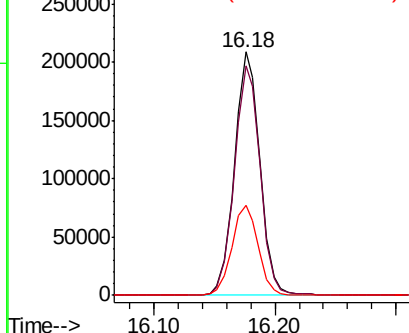
#41
 2,4,6-Tribromophenol
 Concen: 193.768 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036395.D
 Acq: 24 Aug 2018 2:42

Instrument :
 BNA_G
 ClientSampled :
 FB081518

Tot Ion:330 Resp: 305612
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.4 113.2
 141 38.3 30.7 46.1

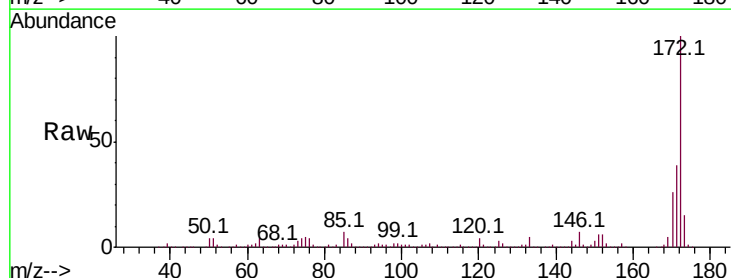


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

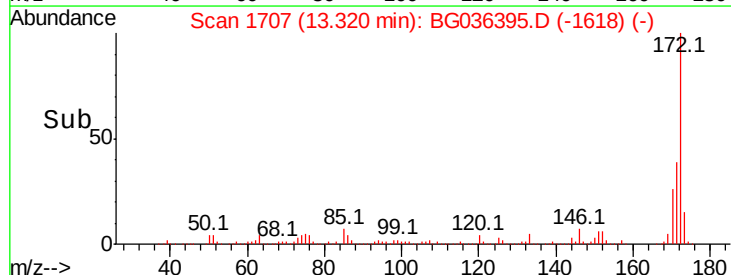
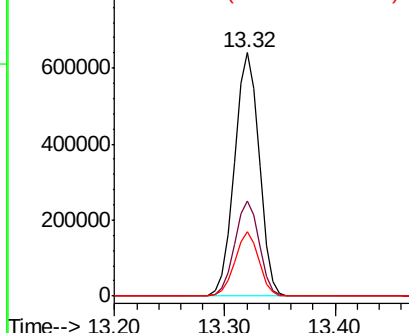


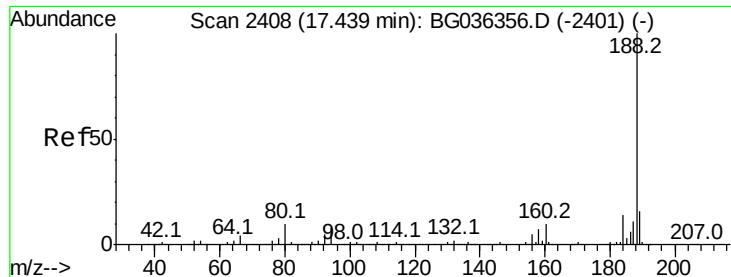
#44
 2-Fluorobiphenyl
 Concen: 108.855 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036395.D
 Acq: 24 Aug 2018 2:42

Tgt Ion:172 Resp: 1007723
 Ion Ratio Lower Upper
 172 100
 171 39.0 31.3 46.9
 170 26.3 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

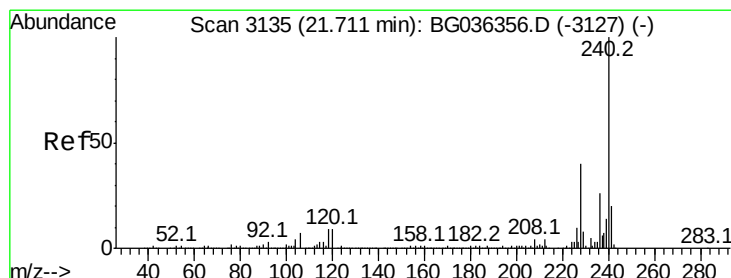
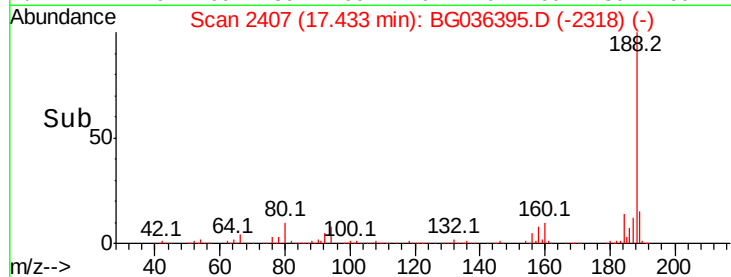
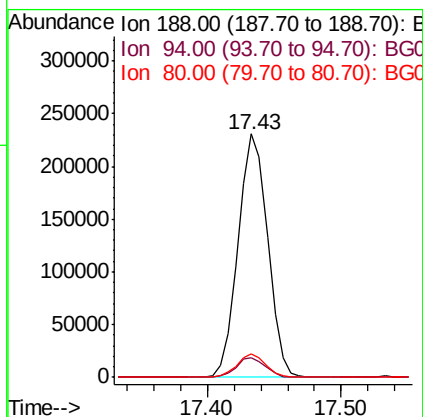
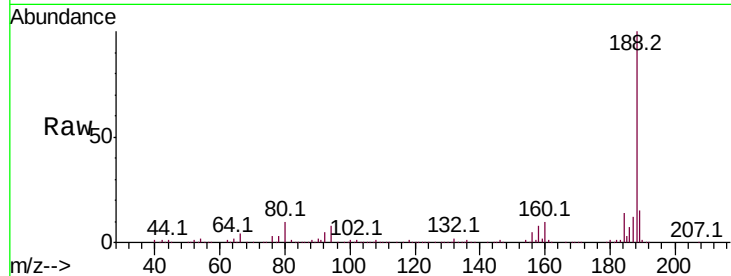




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036395.D
Acq: 24 Aug 2018 2:42

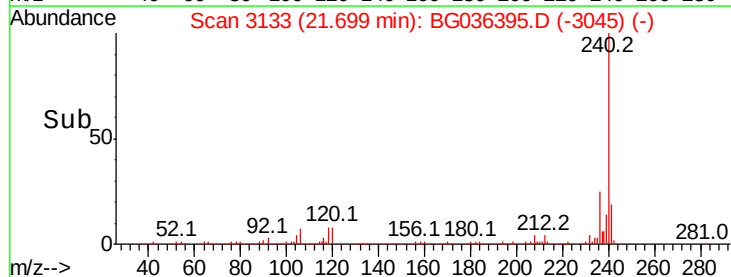
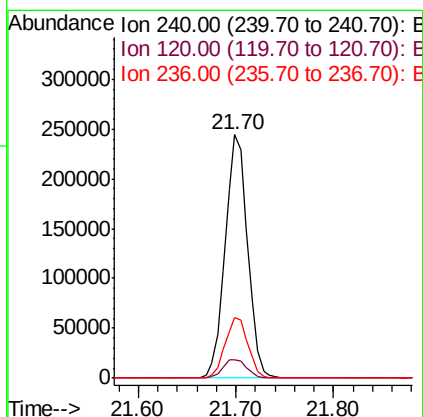
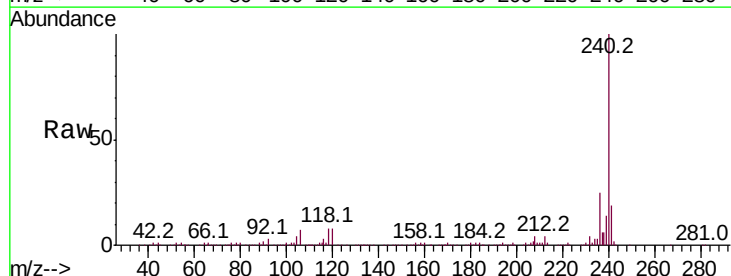
Instrument :
BNA_G
ClientSampleId :
FB081518

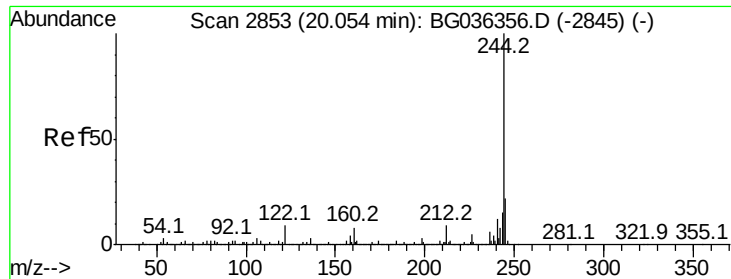
Tot Ion:188 Resp: 353780
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.9 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036395.D
Acq: 24 Aug 2018 2:42

Tgt Ion:240 Resp: 388582
Ion Ratio Lower Upper
240 100
120 7.8 6.9 10.3
236 25.1 21.2 31.8





#78

Terphenyl-d14

Concen: 110.722 ng

RT: 20.05 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036395.D

Acq: 24 Aug 2018 2:42

Instrument :

BNA_G

ClientSampleId :

FB081518

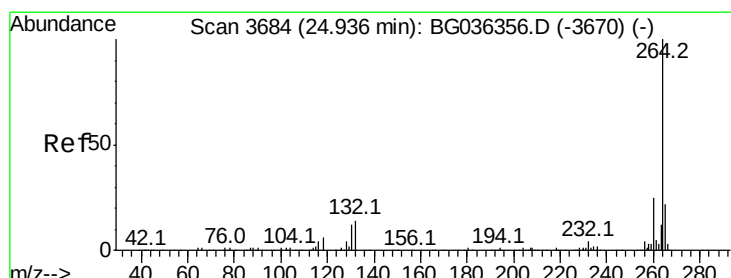
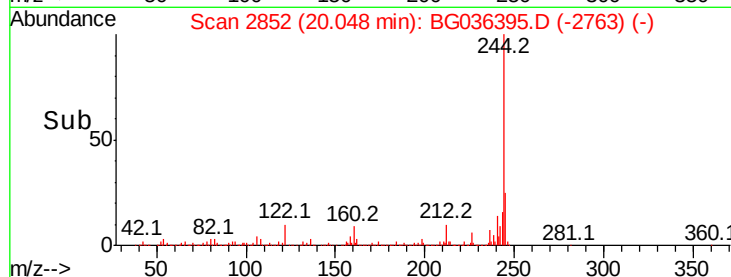
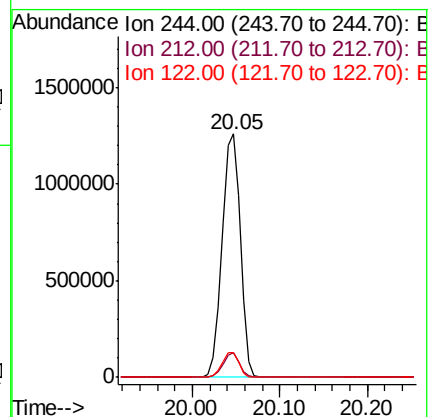
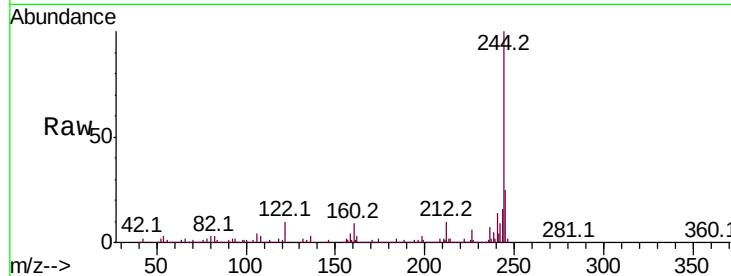
Tot Ion:244 Resp: 1840756

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.0	10.6
122	10.1	7.1	10.7

244 100

212 10.2 7.0 10.6

122 10.1 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG036395.D

Acq: 24 Aug 2018 2:42

Tgt Ion:264 Resp: 394462

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.2	17.4	26.0

264 100

260 24.5 19.6 29.4

265 22.2 17.4 26.0

