

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036966.D
 Acq On : 26 Sep 2018 2:43
 Operator : JU/SJ
 Sample : J4779-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-092418-A

Quant Time: Sep 26 07:49:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49120	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	194848	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	121021	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	323916	20.00	ng	0.00
75) Chrysene-d12	21.68	240	341891	20.00	ng	-0.01
86) Perylene-d12	24.89	264	332035	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	289798	113.15	ng	0.00
7) Phenol-d6	7.21	99	365460	92.22	ng	0.00
23) Nitrobenzene-d5	9.20	82	302890	83.24	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	191849	132.50	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	674792	83.05	ng	0.00
78) Terphenyl-d14	20.02	244	1193532	91.79	ng	0.00

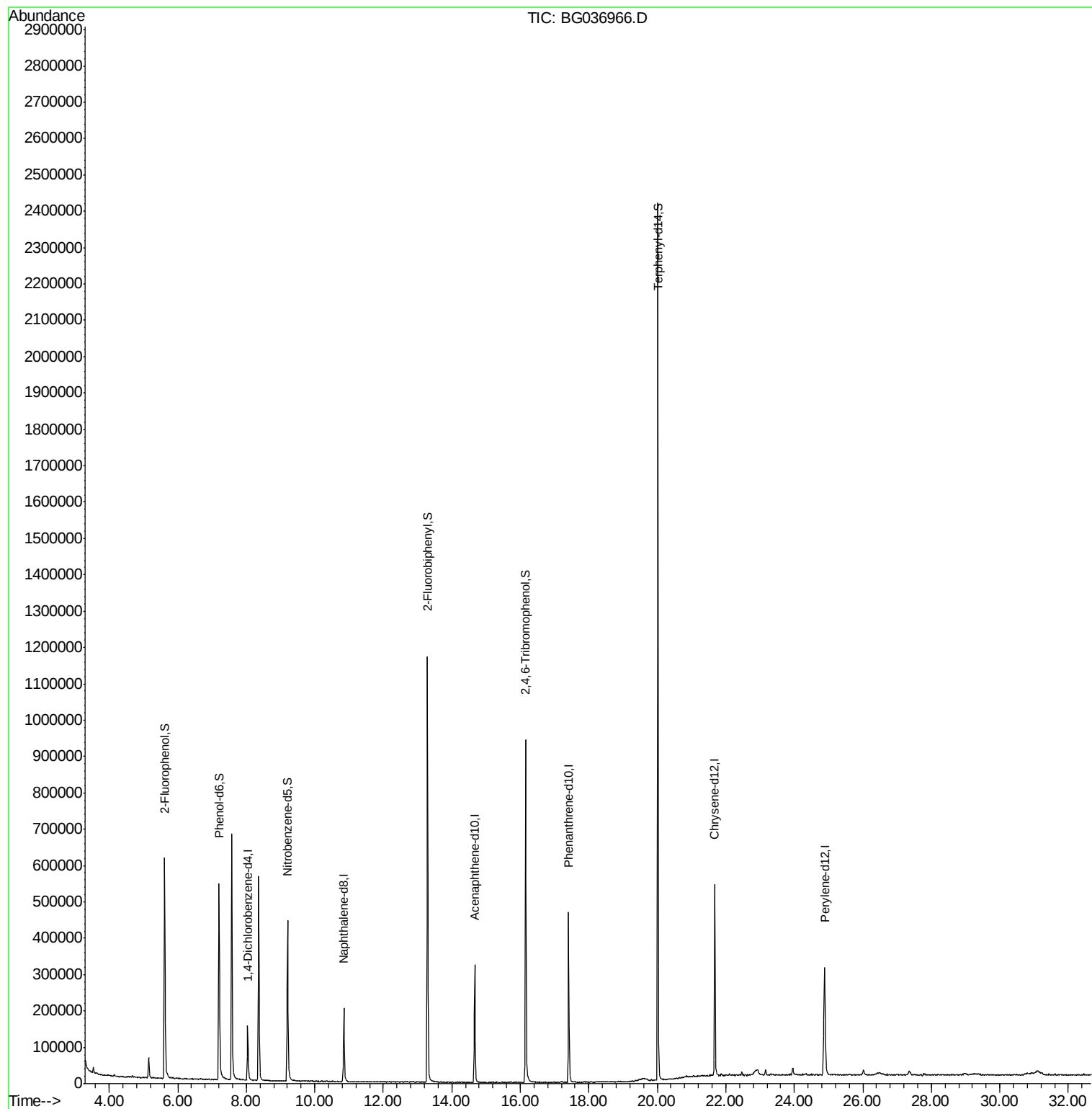
Target Compounds Qvalue

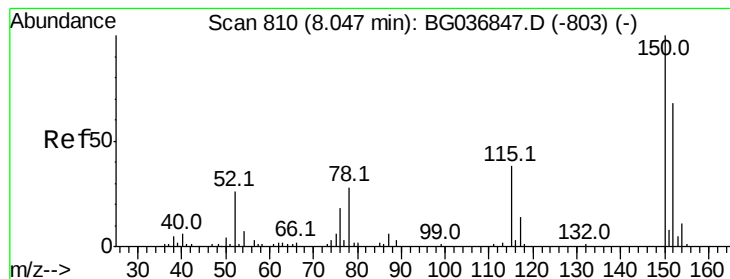
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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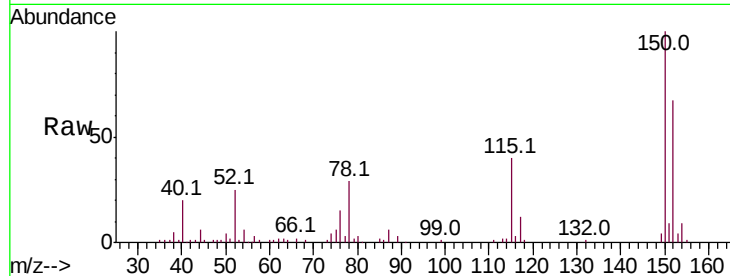


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BG036966.D
 Acq: 26 Sep 2018 2:43

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-092418-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	119.5	179.3
115	60.2	44.5	66.7

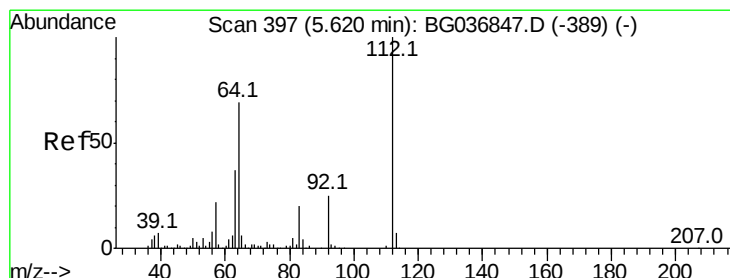
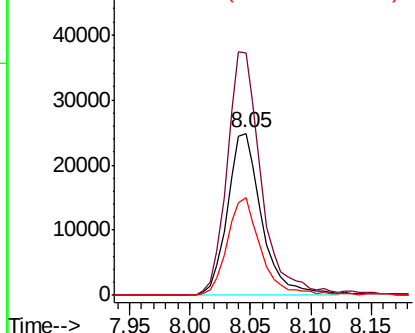
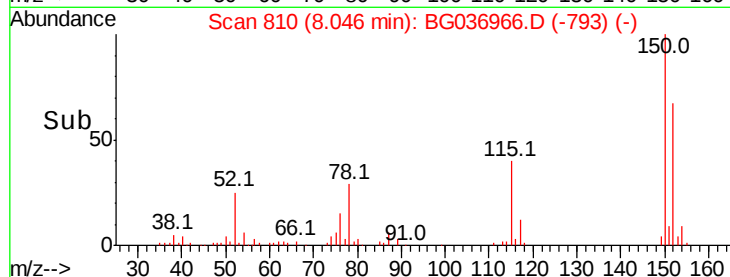


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

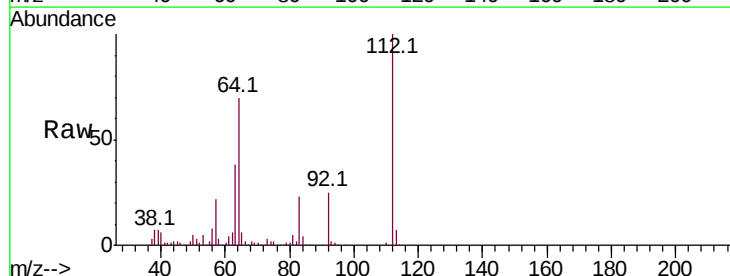
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 113.145 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036966.D
 Acq: 26 Sep 2018 2:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	57.2	85.8
63	38.4	30.8	46.2

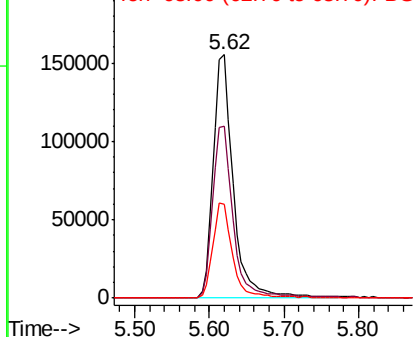
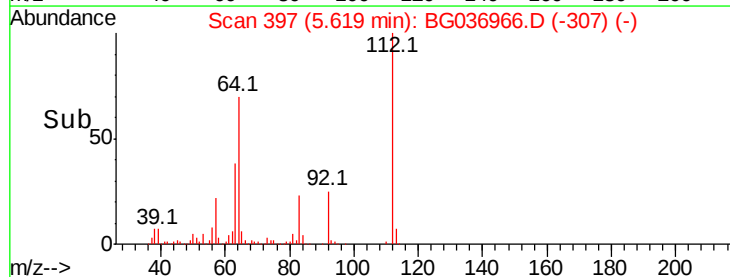


Abundance

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: 92.224 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036966.D

Acq: 26 Sep 2018 2:43

Instrument :

BNA_G

ClientSampleId :

SU-02-092418-A

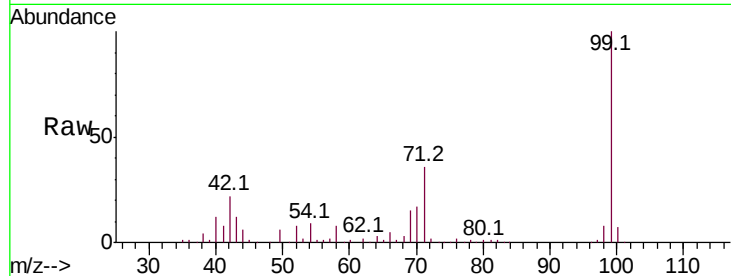
Tot Ion: 99 Resp: 365460

Ion Ratio Lower Upper

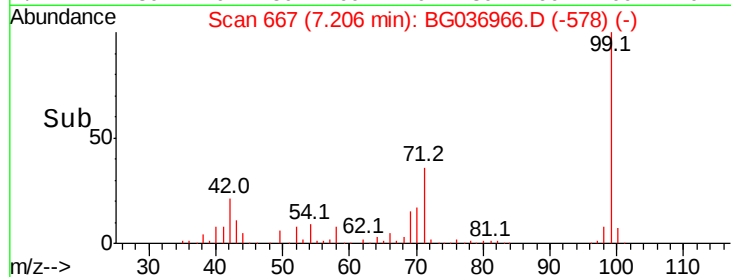
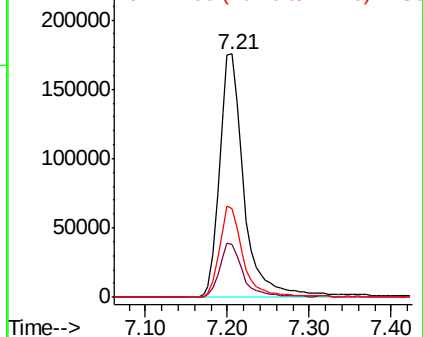
99 100

42 21.5 16.5 24.7

71 36.3 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: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036966.D

Acq: 26 Sep 2018 2:43

Tgt Ion: 136 Resp: 194848

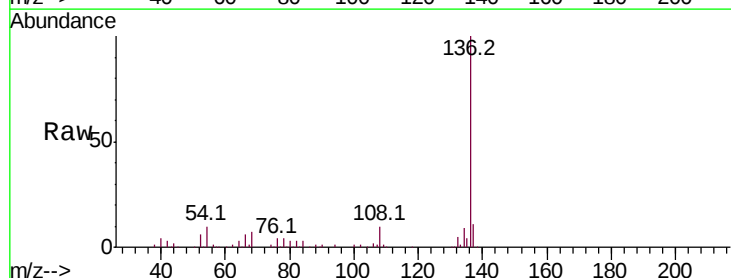
Ion Ratio Lower Upper

136 100

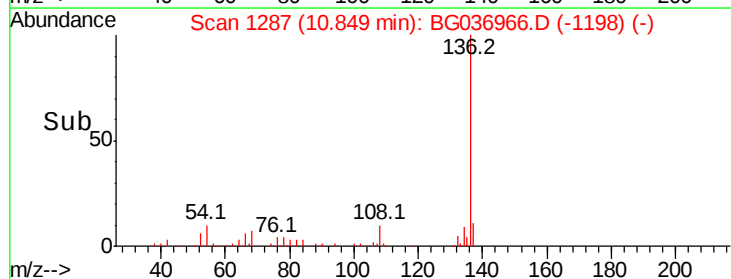
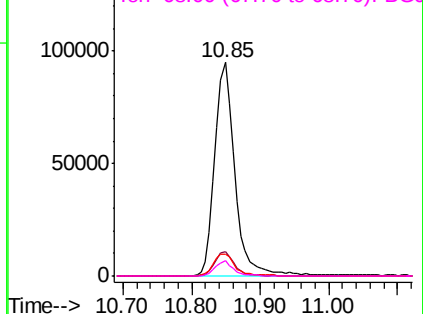
137 11.3 8.8 13.2

54 10.4 9.2 13.8

68 7.0 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

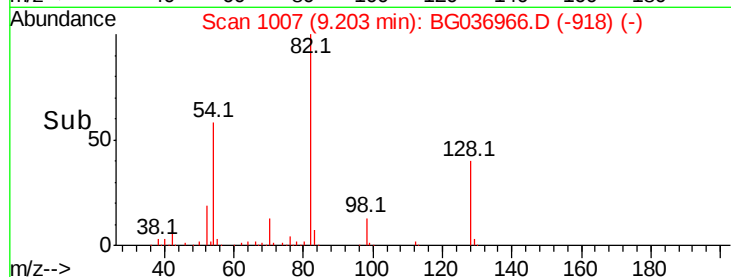
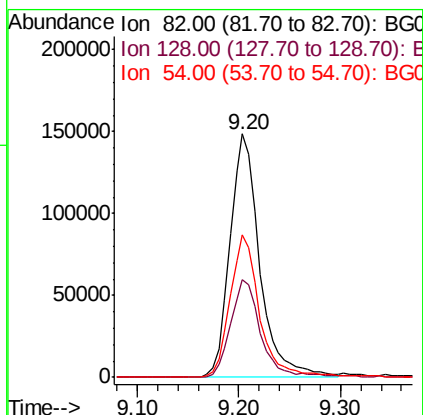
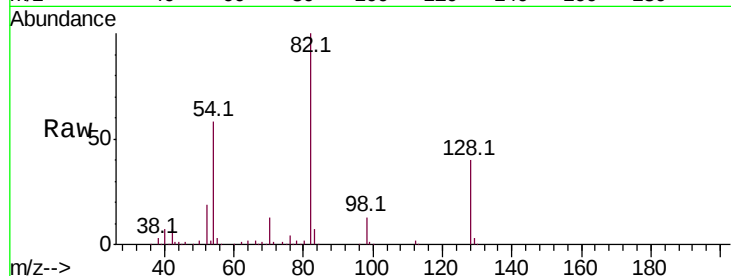




#23
Nitrobenzene-d5
Concen: 83.245 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036966.D
Acq: 26 Sep 2018 2:43

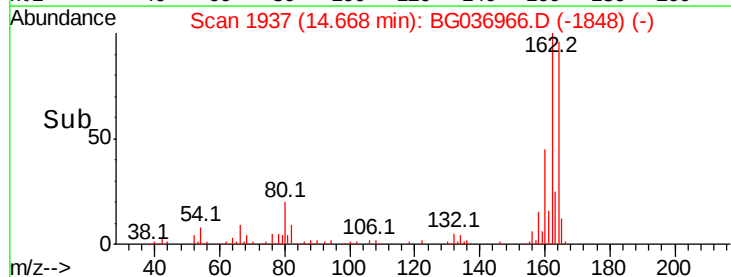
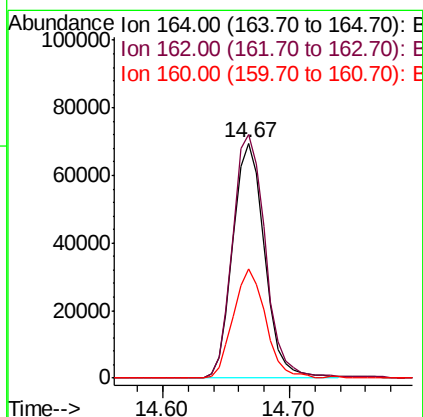
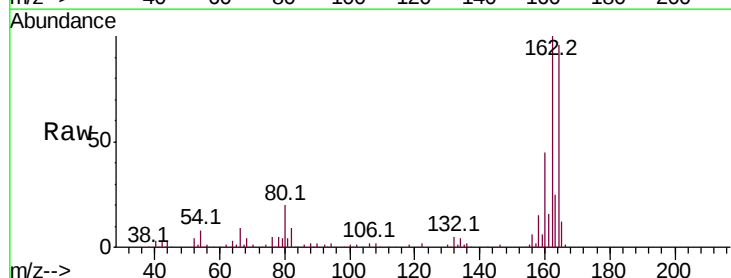
Instrument :
BNA_G
ClientSampleId :
SU-02-092418-A

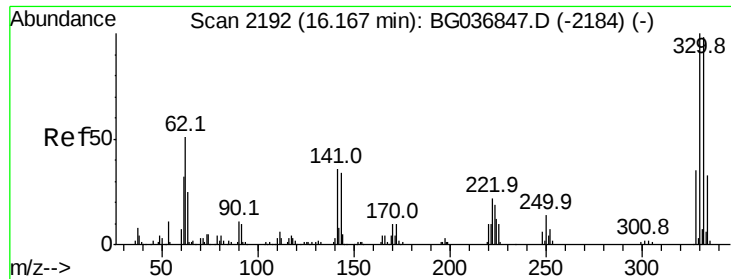
Tot Ion	82	Resp	302890
Ion Ratio	Lower	Upper	
82	100		
128	40.0	33.3	49.9
54	58.3	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036966.D
Acq: 26 Sep 2018 2:43

Tgt Ion	164	Resp	121021
Ion Ratio	Lower	Upper	
164	100		
162	103.6	80.7	121.1
160	46.5	35.3	52.9





#41

2,4,6-Tribromophenol

Concen: 132.498 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036966.D

Acq: 26 Sep 2018 2:43

Instrument :

BNA_G

ClientSampleId :

SU-02-092418-A

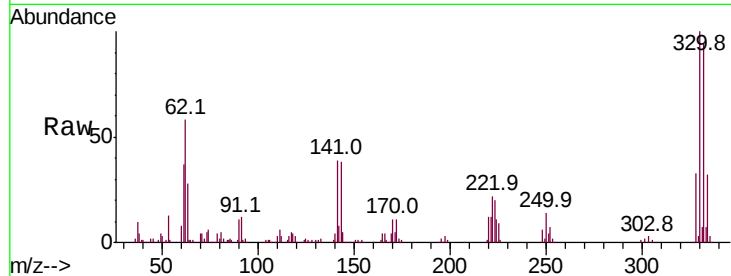
Tot Ion:330 Resp: 191849

Ion Ratio Lower Upper

330 100

332 94.1 75.4 113.2

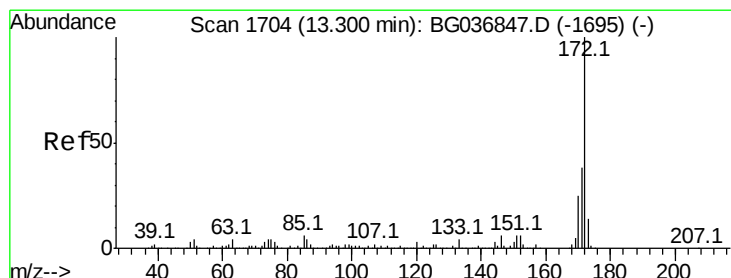
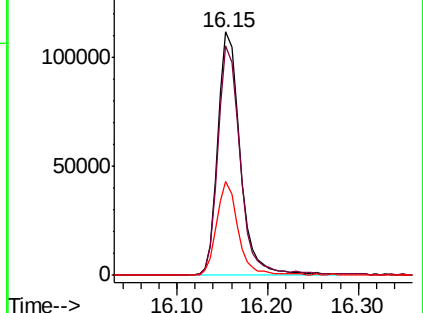
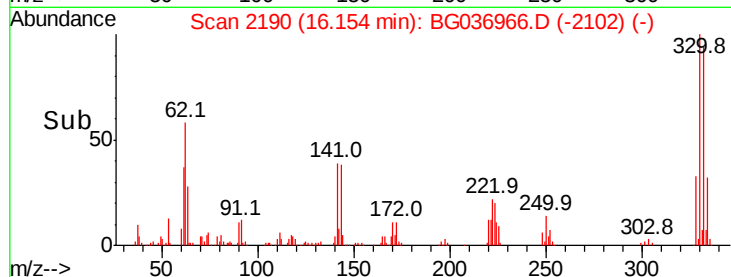
141 37.0 30.7 46.1



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: 83.046 ng

RT: 13.29 min Scan# 1703

Delta R.T. -0.01 min

Lab File: BG036966.D

Acq: 26 Sep 2018 2:43

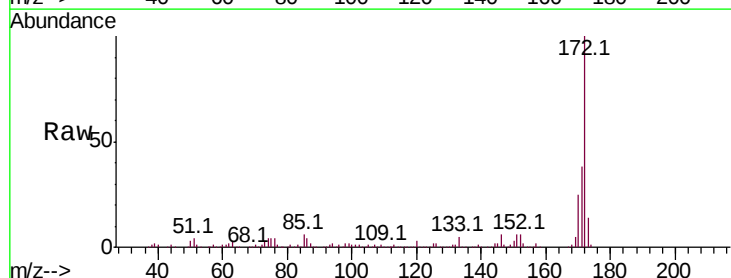
Tgt Ion:172 Resp: 674792

Ion Ratio Lower Upper

172 100

171 37.6 31.3 46.9

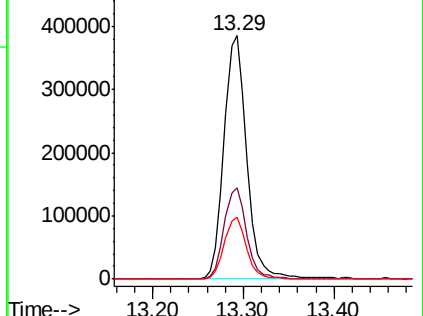
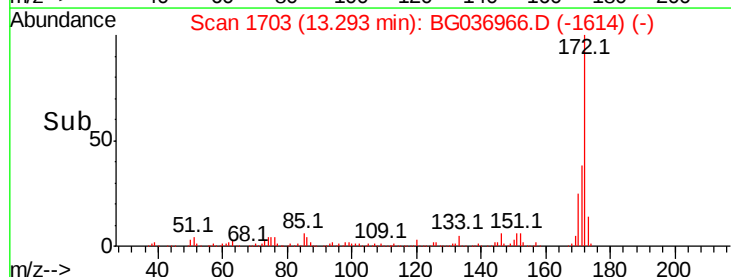
170 25.3 21.0 31.6

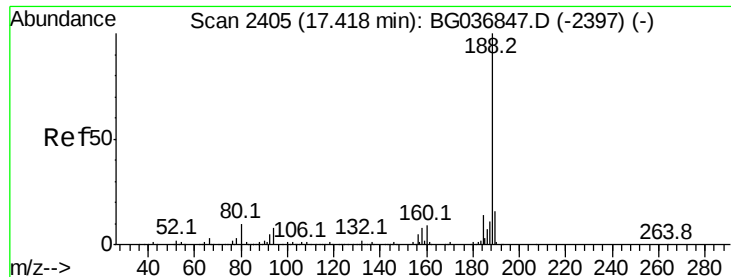


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

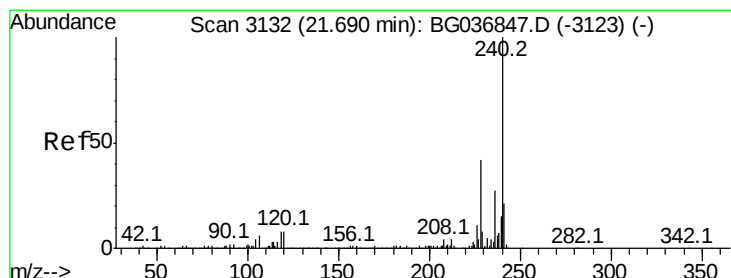
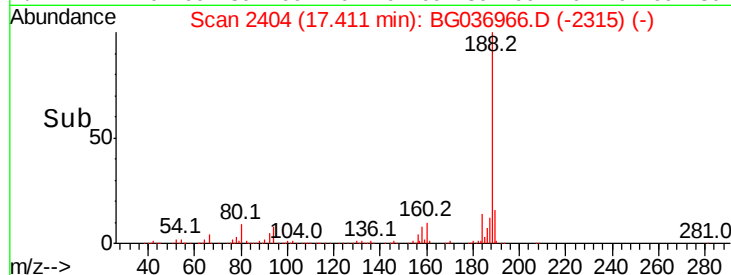
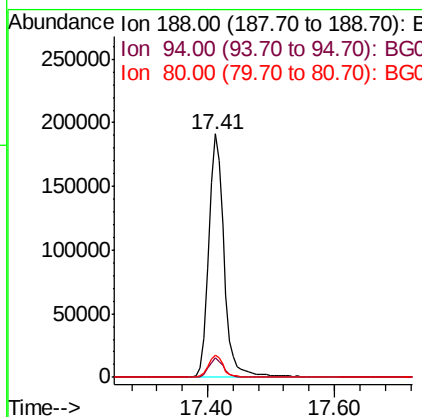
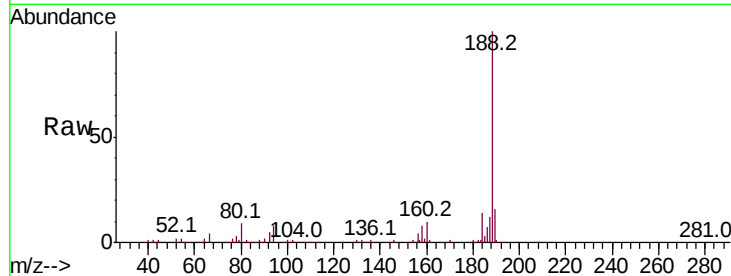




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036966.D
Acq: 26 Sep 2018 2:43

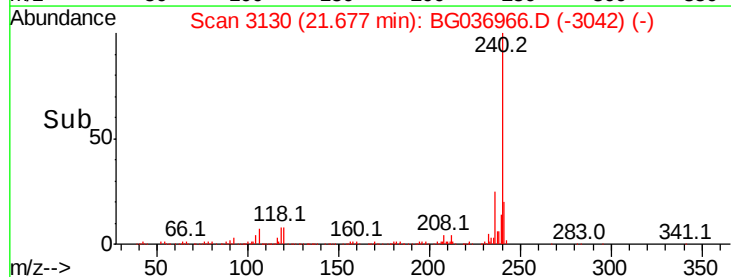
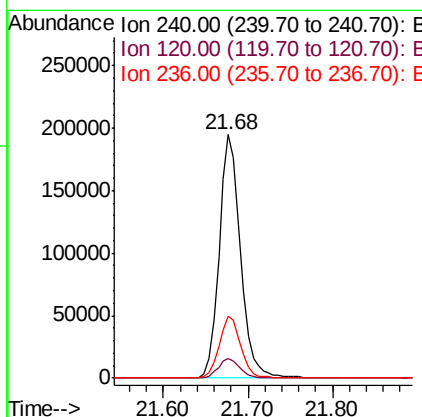
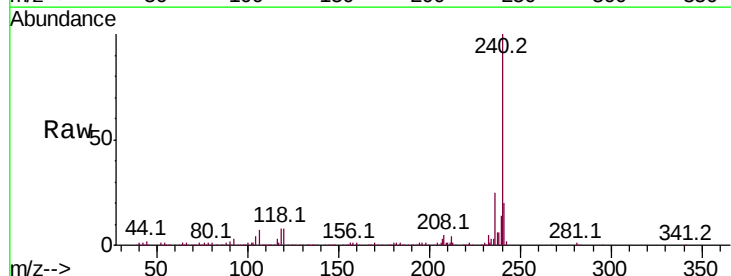
Instrument :
BNA_G
ClientSampleId :
SU-02-092418-A

Tot Ion:188 Resp: 323916
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 9.0 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036966.D
Acq: 26 Sep 2018 2:43

Tgt Ion:240 Resp: 341891
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 25.4 21.2 31.8





#78

Terphenyl-d14

Concen: 91.795 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036966.D

Acq: 26 Sep 2018 2:43

Instrument :

BNA_G

ClientSampleId :

SU-02-092418-A

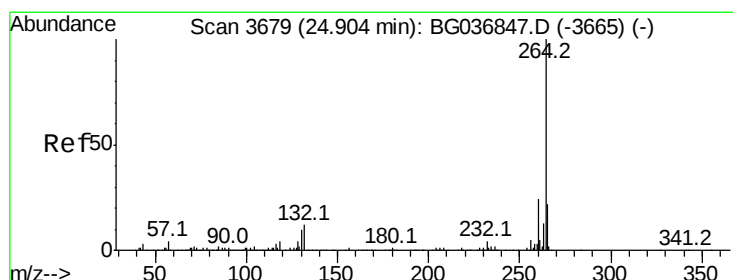
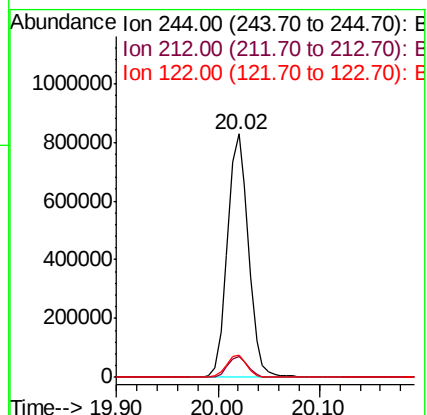
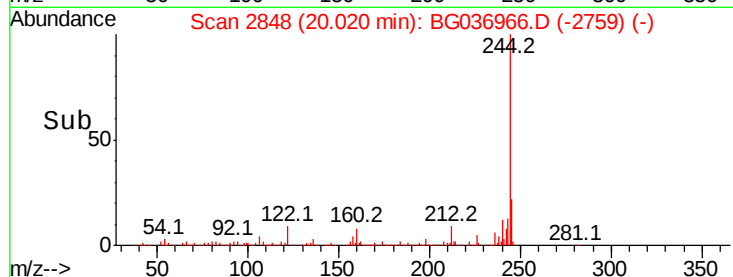
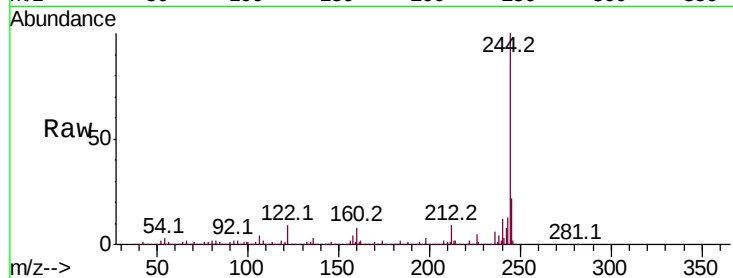
Tot Ion:244 Resp: 1193532

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	8.9	7.1	10.7

244 100

212 8.5 7.0 10.6

122 8.9 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036966.D

Acq: 26 Sep 2018 2:43

Tgt Ion:264 Resp: 332035

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.1	17.4	26.0

264 100

260 24.1 19.6 29.4

265 21.1 17.4 26.0

