

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
 Data File : BG035811.D
 Acq On : 21 Jul 2018 9:05
 Operator : JU/SJ
 Sample : J4062-30
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Quant Time: Jul 23 01:45:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	43460	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	152457	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	105184	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	291366	20.00	ng	0.00
75) Chrysene-d12	21.66	240	349531	20.00	ng	0.00
86) Perylene-d12	24.86	264	324851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	323520	123.59	ng	0.00
7) Phenol-d6	7.19	99	406751	104.15	ng	0.00
23) Nitrobenzene-d5	9.19	82	333204	91.30	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	211773	152.75	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	762896	97.17	ng	0.00
78) Terphenyl-d14	20.00	244	1558197	98.27	ng	0.00

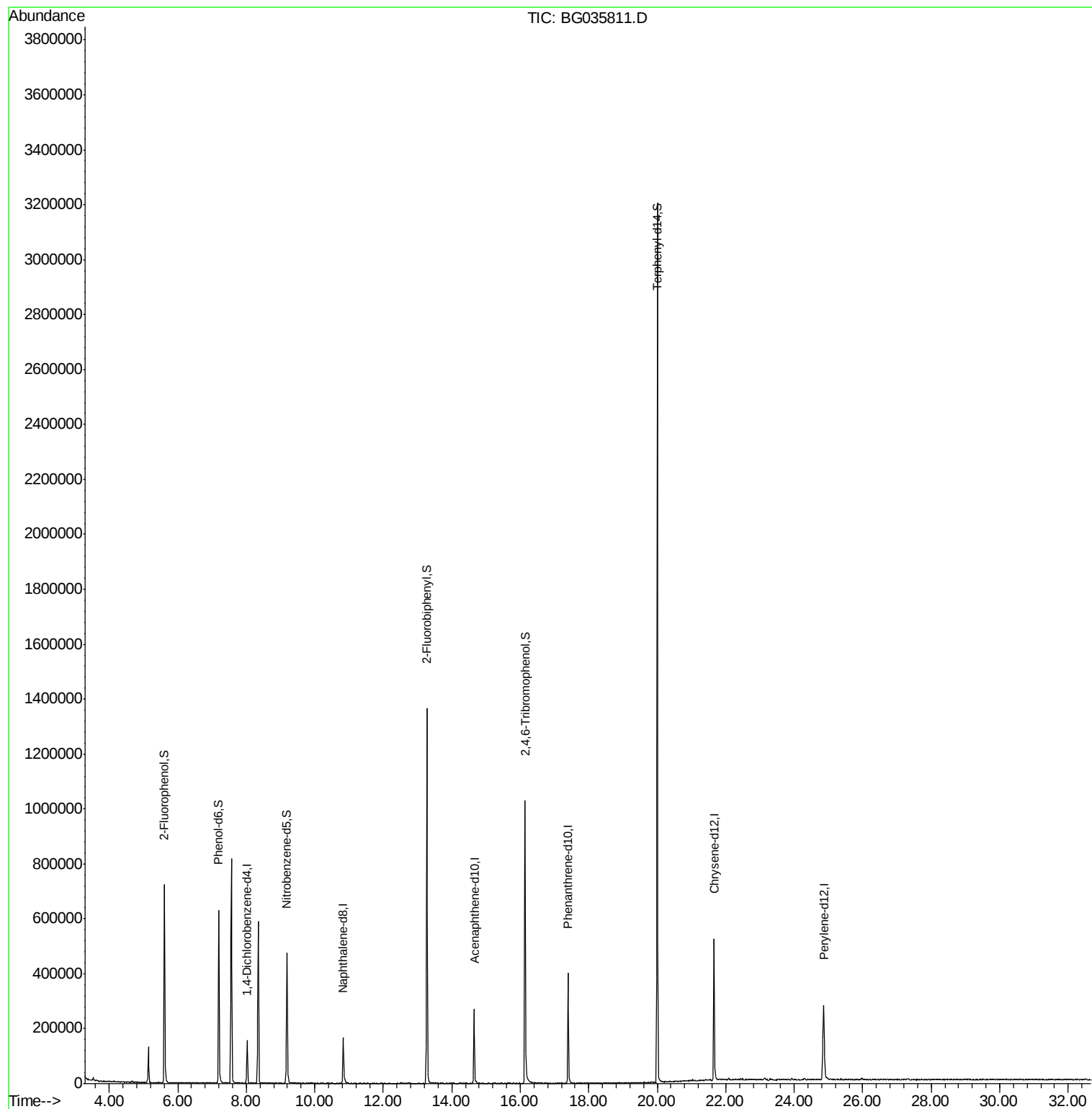
Target Compounds Qvalue

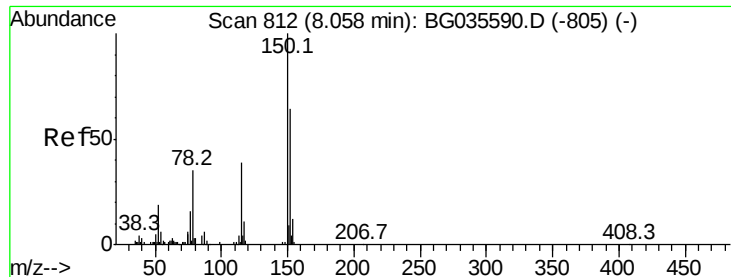
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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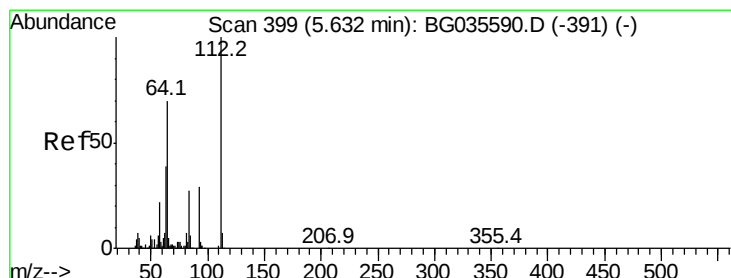
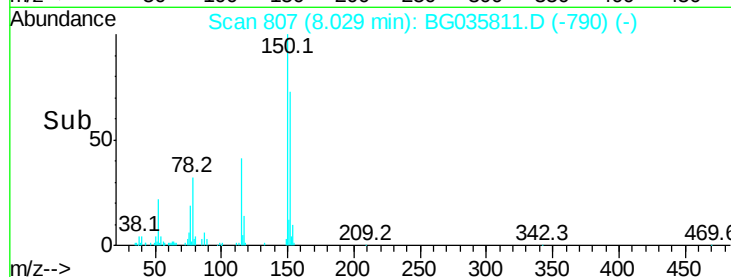
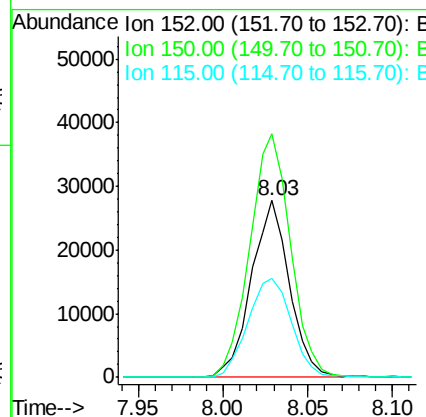
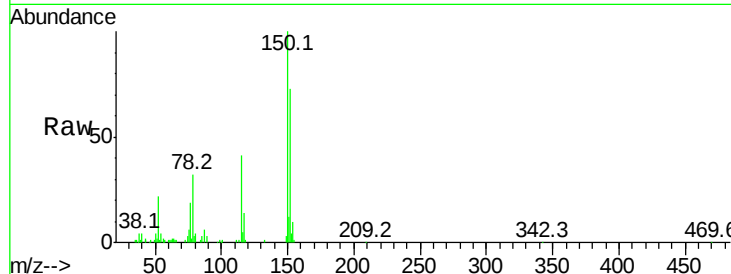


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Instrument :
BNA_G
ClientSampleId :
TP-9

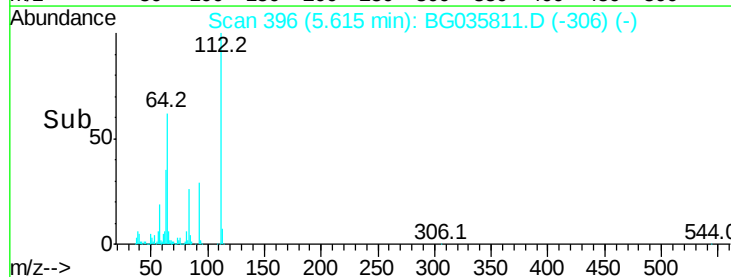
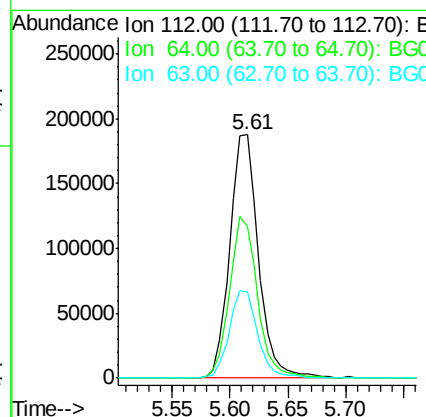
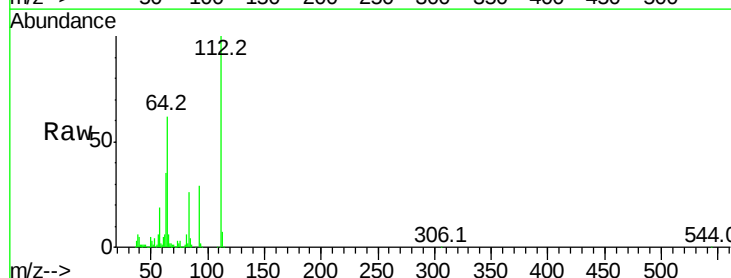
Tot Ion:152 Resp: 43460
Ion Ratio Lower Upper
152 100
150 137.7 126.6 189.8
115 55.9 53.0 79.4



#5

2-Fluorophenol
Concen: 123.589 ng
RT: 5.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Tgt Ion:112 Resp: 323520
Ion Ratio Lower Upper
112 100
64 62.3 56.3 84.5
63 35.2 30.1 45.1





#7

Phenol-d6

Concen: 104.146 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035811.D

Acq: 21 Jul 2018 9:05

Instrument :

BNA_G

ClientSampleId :

TP-9

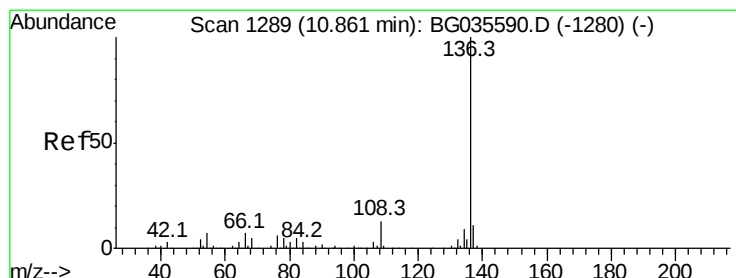
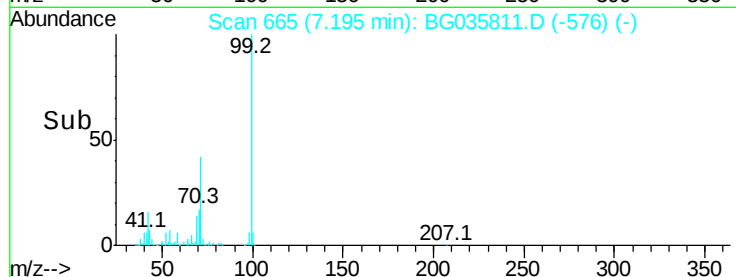
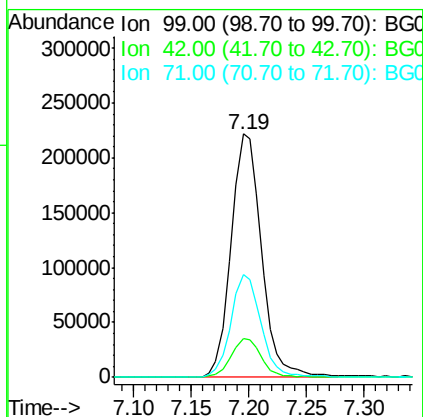
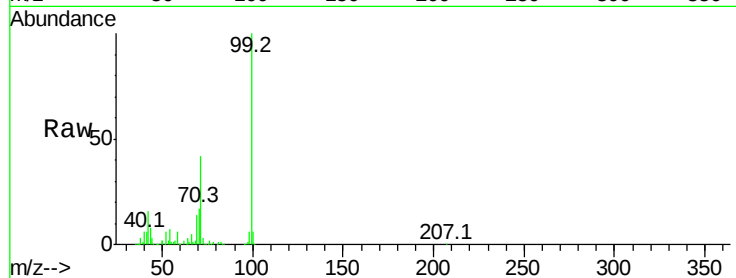
Tot Ion: 99 Resp: 406751

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

71 42.3 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: BG035811.D

Acq: 21 Jul 2018 9:05

Tgt Ion: 136 Resp: 152457

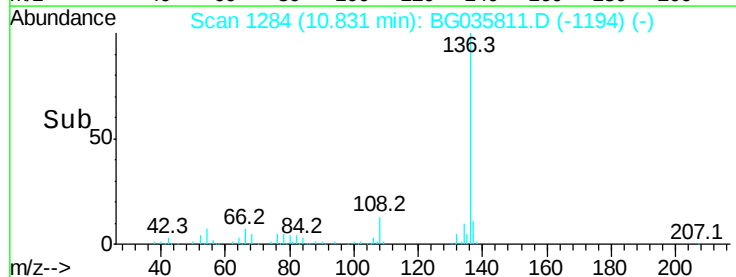
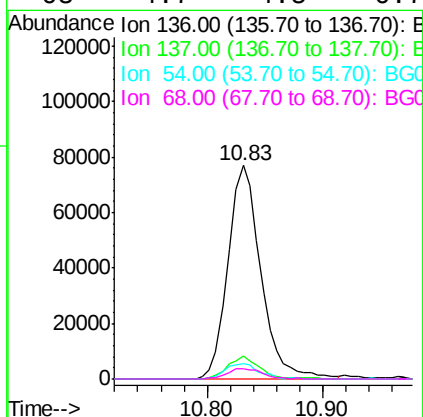
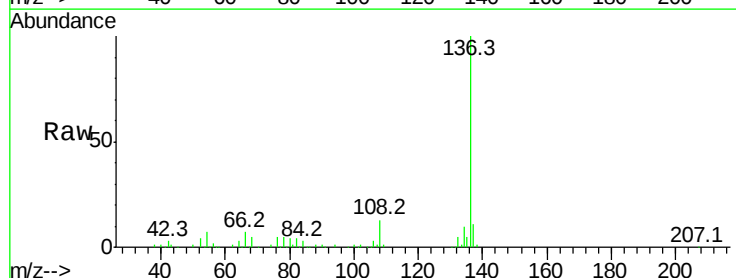
Ion Ratio Lower Upper

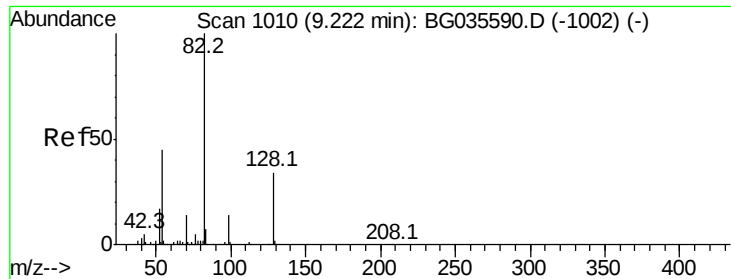
136 100

137 10.7 9.2 13.8

54 7.0 10.3 15.5#

68 4.7 4.5 6.7

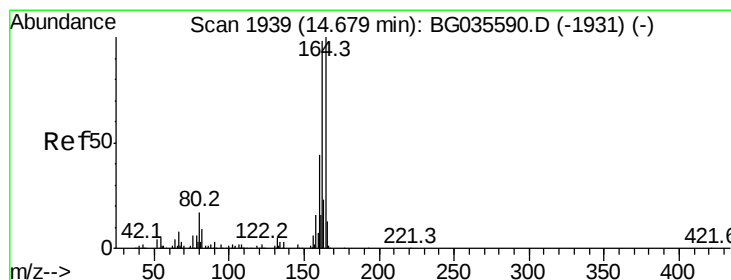
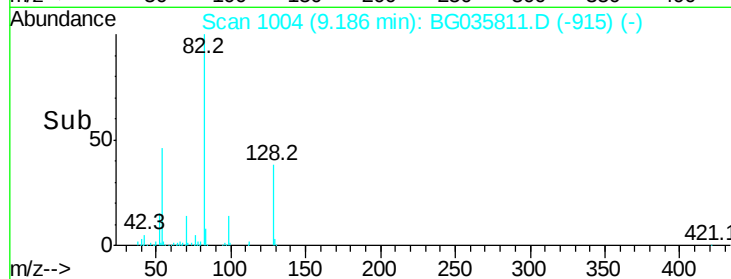
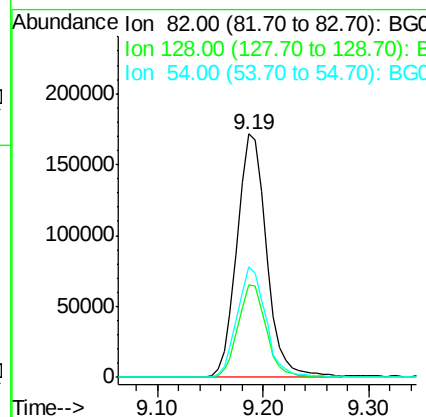
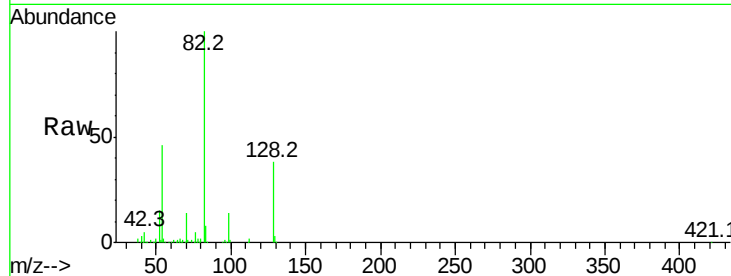




#23
Nitrobenzene-d5
Concen: 91.301 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

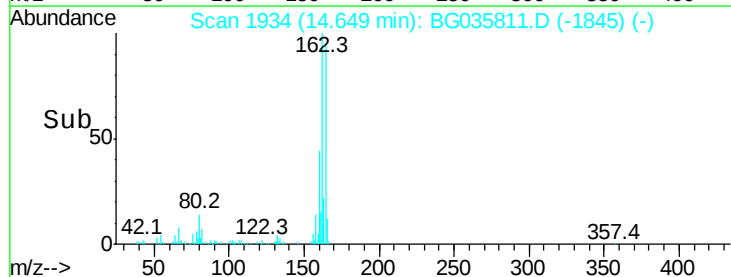
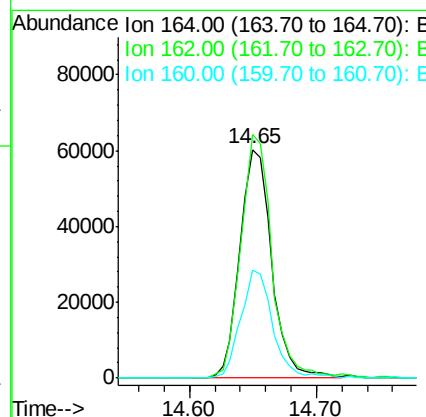
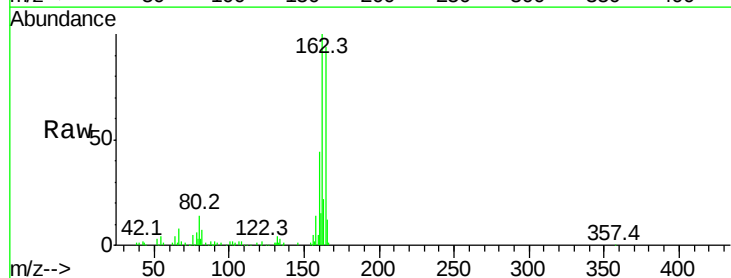
Instrument :
BNA_G
ClientSampleId :
TP-9

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.7	44.5
54	45.6	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: BG035811.D
Acq: 21 Jul 2018 9:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	78.8	118.2
160	46.9	35.4	53.0

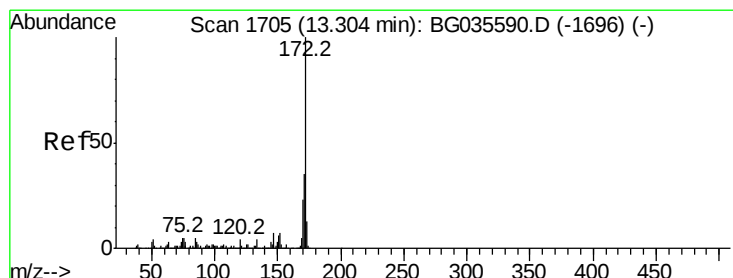
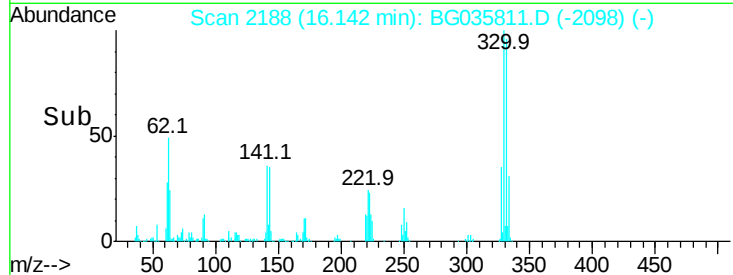
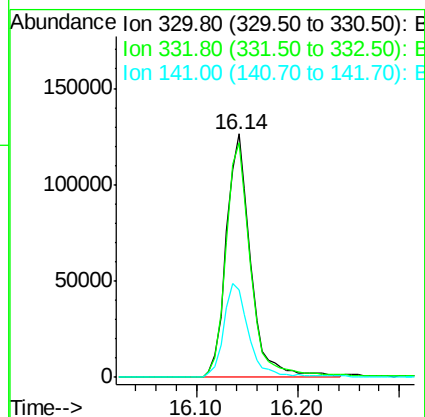
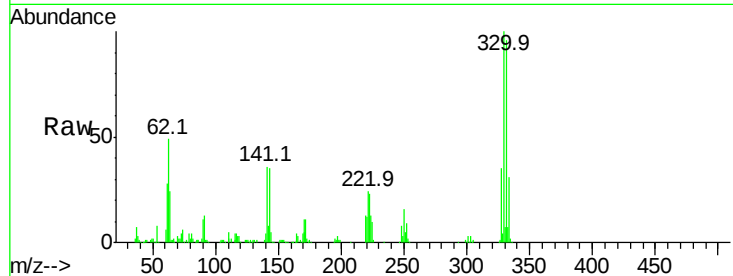




#41
2,4,6-Tribromophenol
Concen: 152.751 ng
RT: 16.14 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

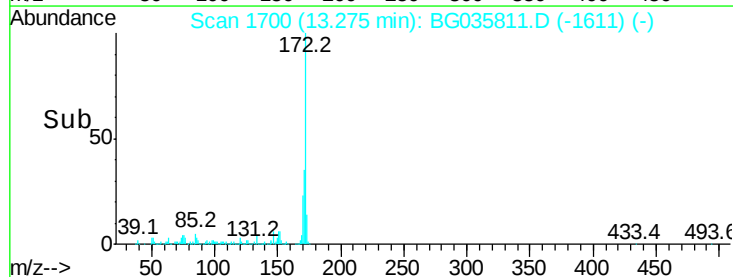
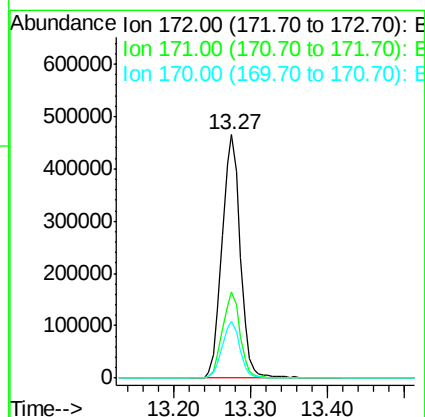
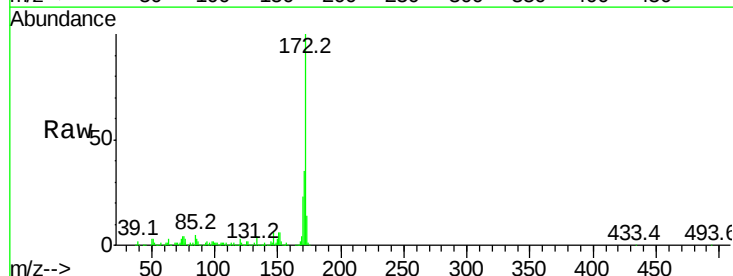
Instrument :
BNA_G
ClientSampleId :
TP-9

Tot Ion:330 Resp: 211773
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 39.2 25.2 37.8#



#44
2-Fluorobiphenyl
Concen: 97.171 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035811.D
Acq: 21 Jul 2018 9:05

Tgt Ion:172 Resp: 762896
Ion Ratio Lower Upper
172 100
171 35.2 30.0 45.0
170 23.3 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: BG035811.D

Acq: 21 Jul 2018 9:05

Instrument :

BNA_G

ClientSampleId :

TP-9

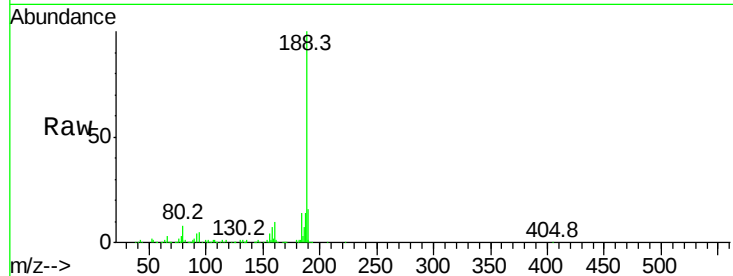
Tot Ion:188 Resp: 291366

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

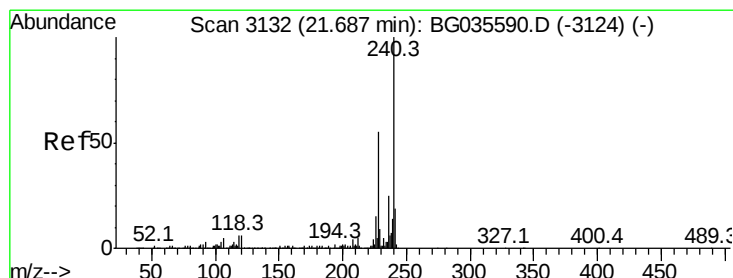
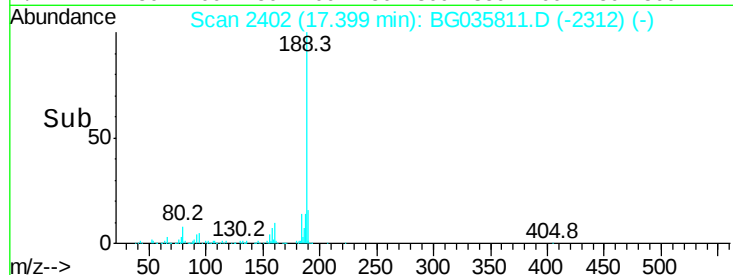
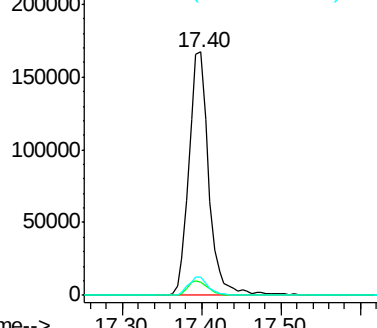
80 7.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035811.D

Acq: 21 Jul 2018 9:05

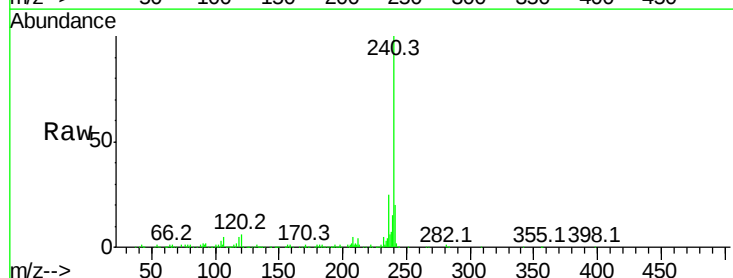
Tgt Ion:240 Resp: 349531

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

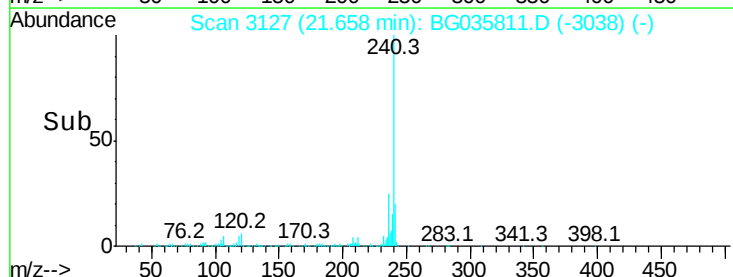
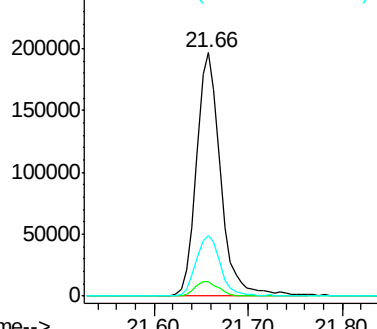
236 24.9 20.9 31.3

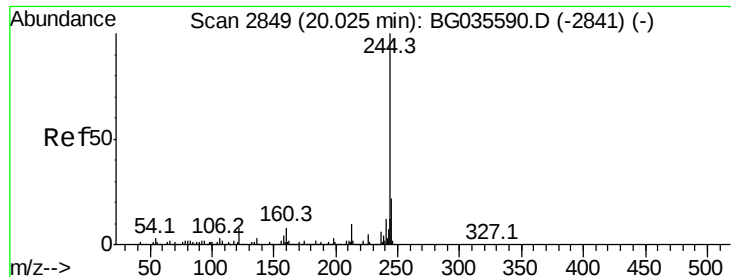


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.267 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035811.D

Acq: 21 Jul 2018 9:05

Instrument :

BNA_G

ClientSampled :

TP-9

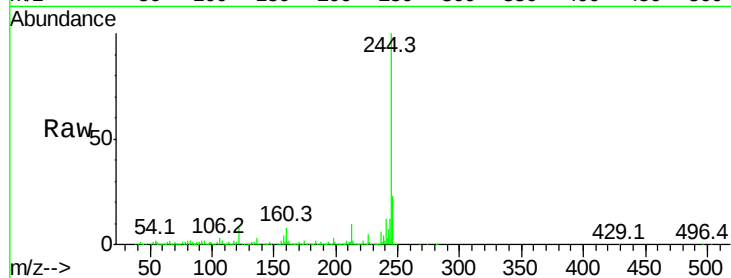
Tot Ion:244 Resp: 1558197

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

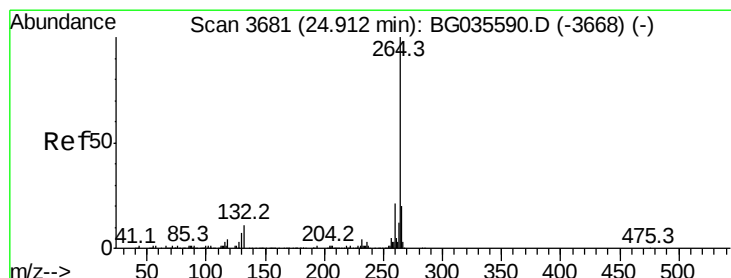
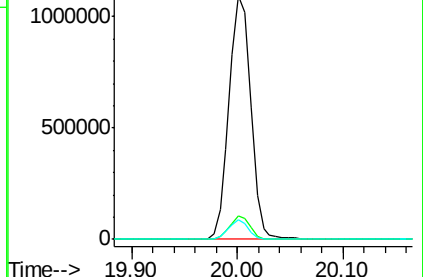
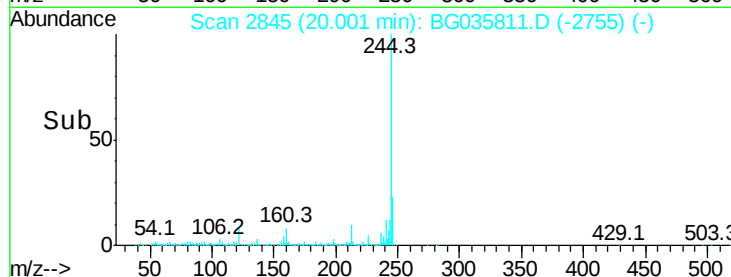
122 7.9 7.0 10.4



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: 24.86 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG035811.D

Acq: 21 Jul 2018 9:05

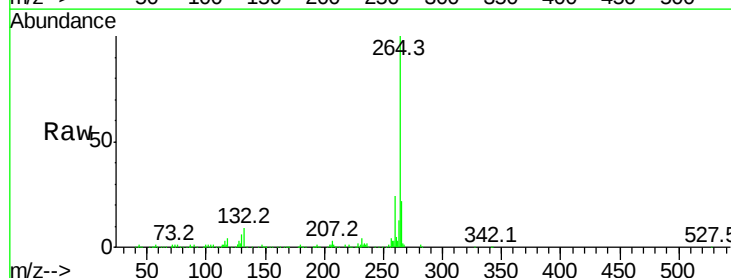
Tgt Ion:264 Resp: 324851

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 22.0 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

