

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
 Data File : BG035806.D
 Acq On : 21 Jul 2018 5:51
 Operator : JU/SJ
 Sample : J3827-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-071918

Quant Time: Jul 23 01:23:06 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

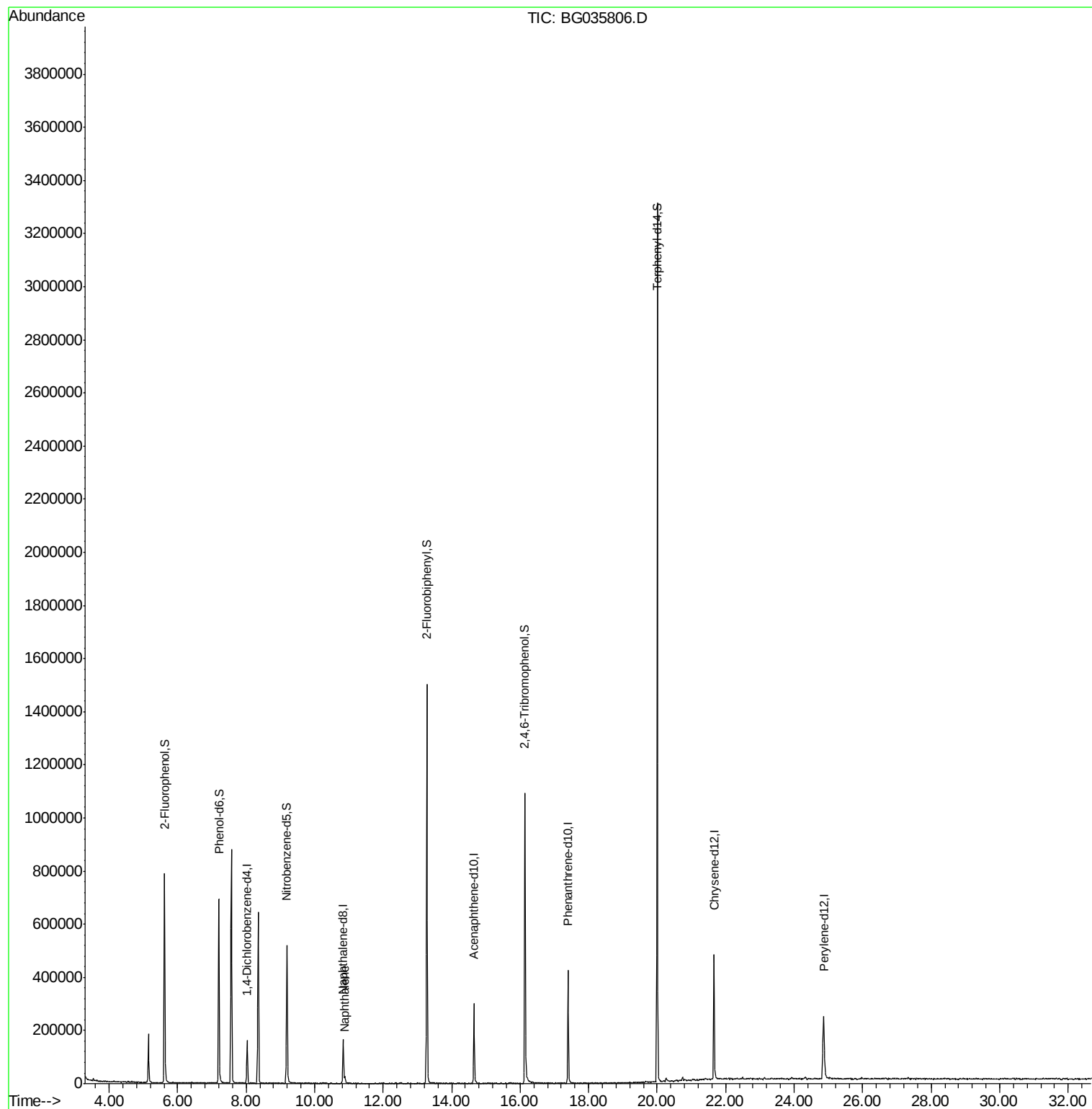
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	45659	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	158335	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	110344	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	296207	20.00	ng	0.00
75) Chrysene-d12	21.66	240	324758	20.00	ng	0.00
86) Perylene-d12	24.86	264	299322	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	358729	130.44	ng	0.00
7) Phenol-d6	7.20	99	454832	110.85	ng	0.00
23) Nitrobenzene-d5	9.19	82	373432	98.53	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	221251	152.12	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	843692	102.44	ng	0.00
78) Terphenyl-d14	20.00	244	1559944	105.88	ng	0.00
Target Compounds						
31) Naphthalene	10.89	128	18308	2.220	ng	Qvalue # 91

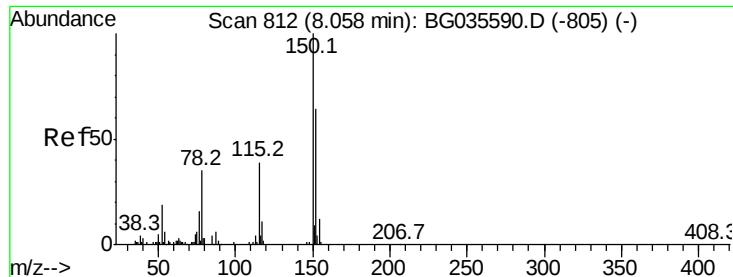
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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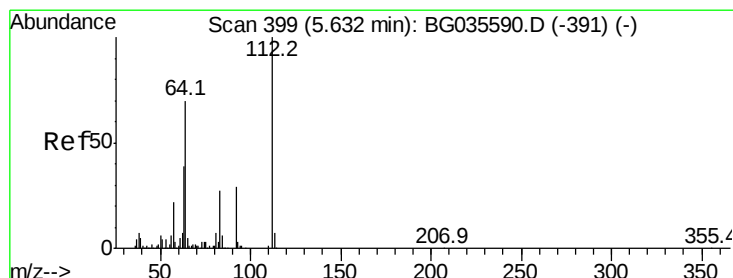
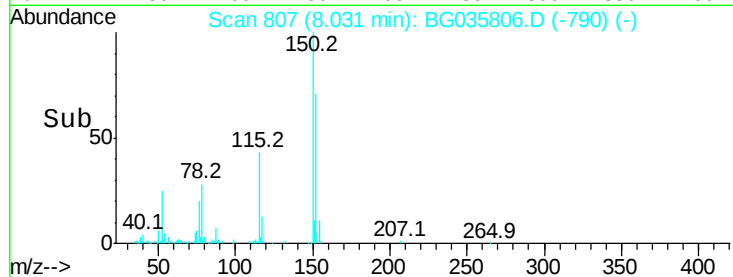
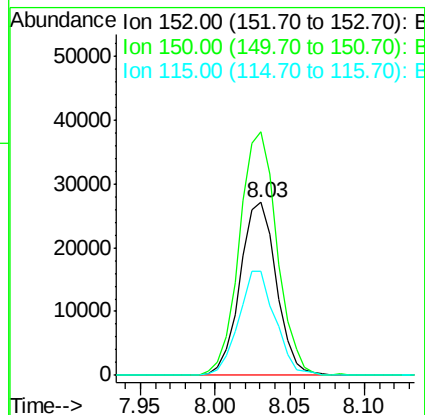
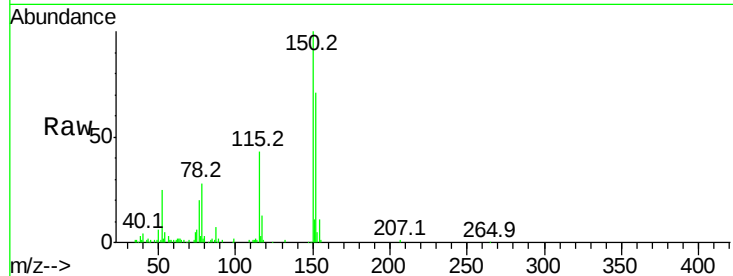


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035806.D
Acq: 21 Jul 2018 5:51

Instrument :
BNA_G
ClientSampleId :
OR-01-071918

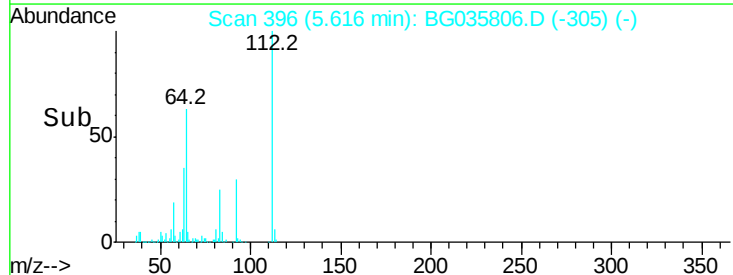
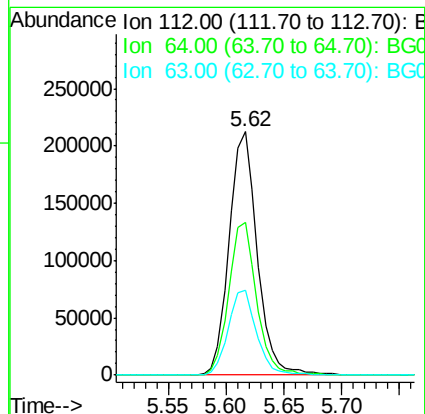
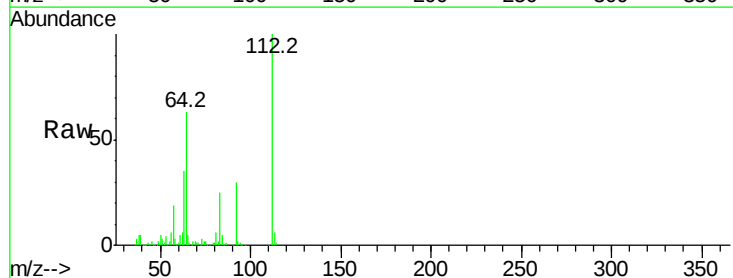
Tot Ion:152 Resp: 45659
Ion Ratio Lower Upper
152 100
150 140.9 126.6 189.8
115 60.5 53.0 79.4

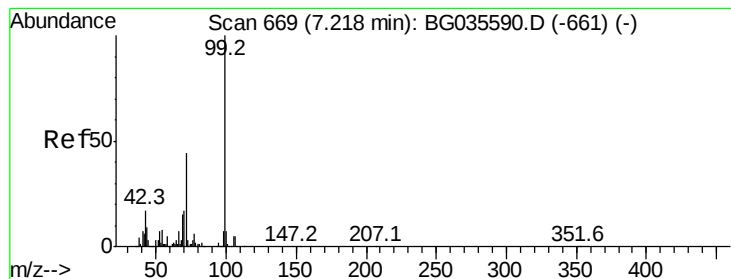


#5

2-Fluorophenol
Concen: 130.440 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG035806.D
Acq: 21 Jul 2018 5:51

Tgt Ion:112 Resp: 358729
Ion Ratio Lower Upper
112 100
64 63.0 56.3 84.5
63 34.7 30.1 45.1





#7

Phenol-d6

Concen: 110.848 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG035806.D

Acq: 21 Jul 2018 5:51

Instrument :

BNA_G

ClientSampleId :

OR-01-071918

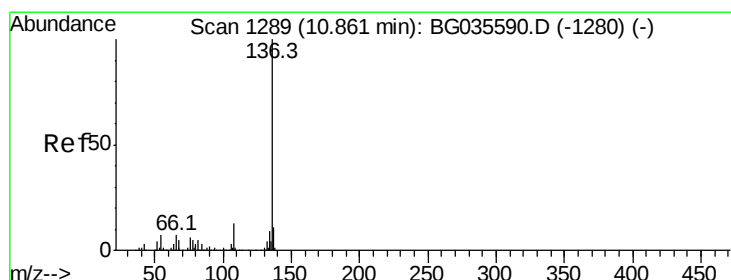
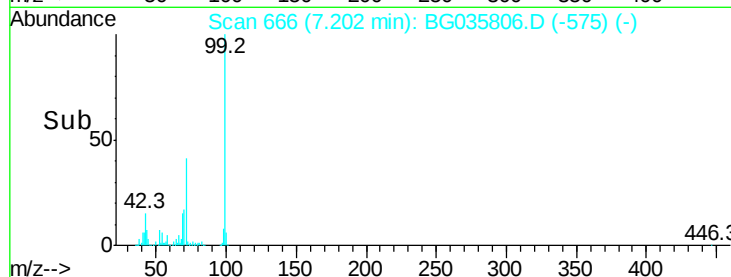
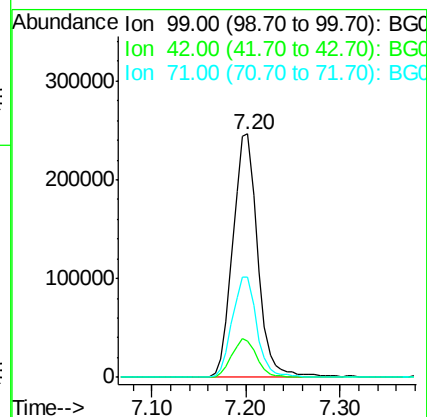
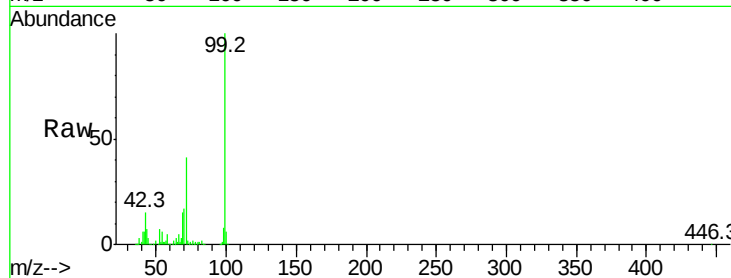
Tot Ion: 99 Resp: 454832

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

71 41.0 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: BG035806.D

Acq: 21 Jul 2018 5:51

Tgt Ion: 136 Resp: 158335

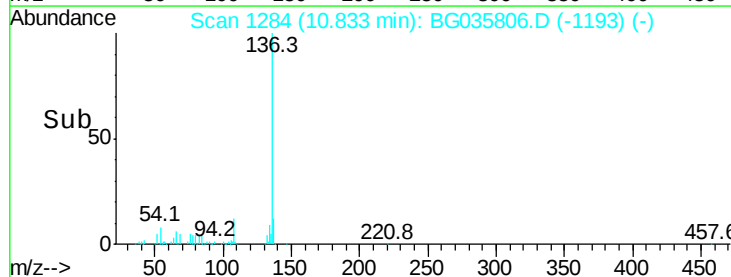
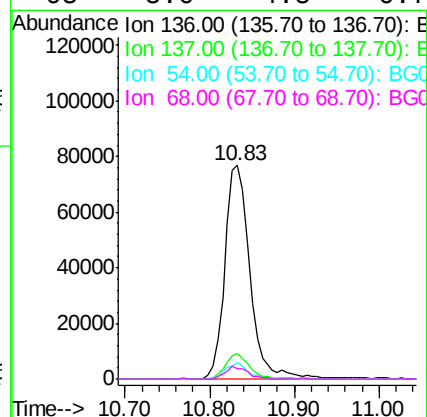
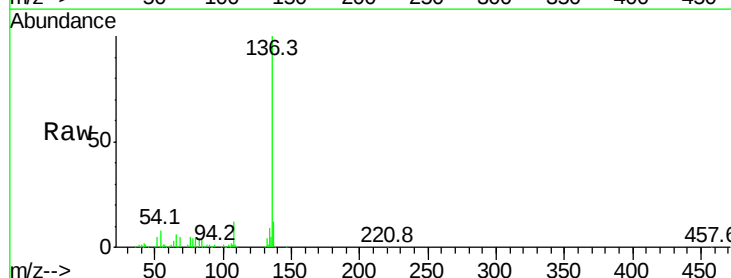
Ion Ratio Lower Upper

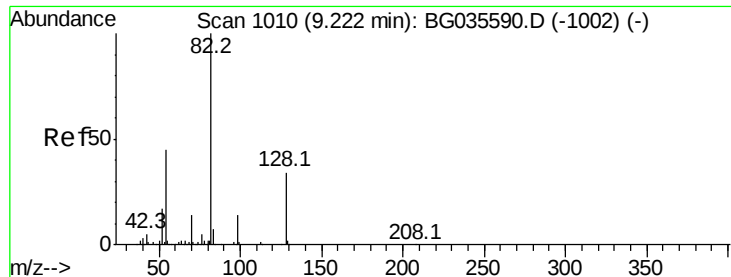
136 100

137 12.3 9.2 13.8

54 7.9 10.3 15.5#

68 5.0 4.5 6.7

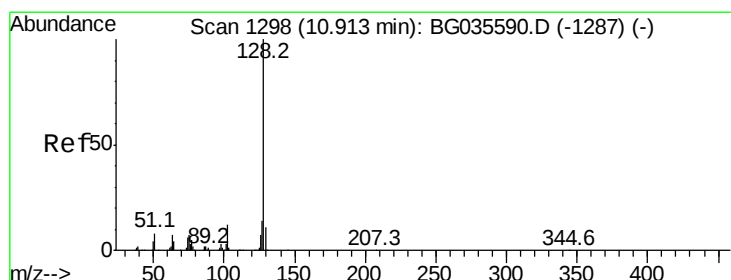
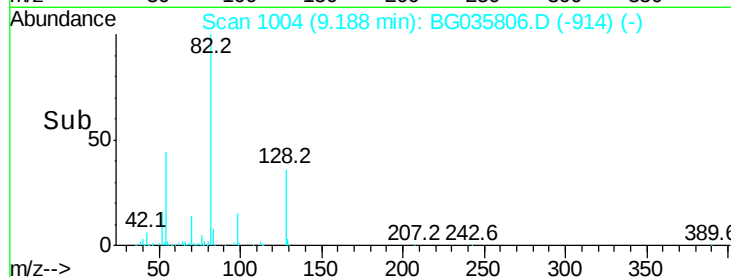
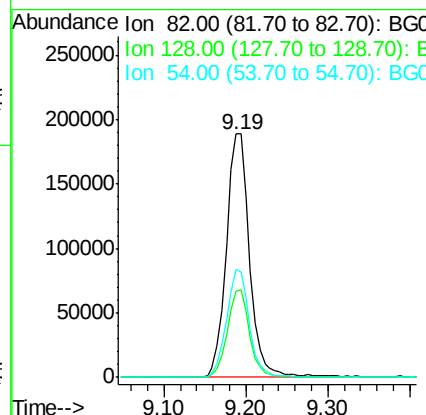
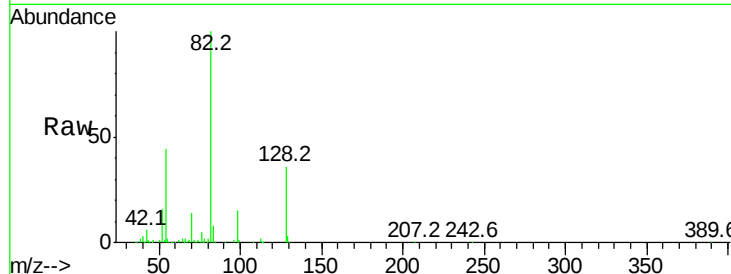




#23
Nitrobenzene-d5
Concen: 98.525 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035806.D
Acq: 21 Jul 2018 5:51

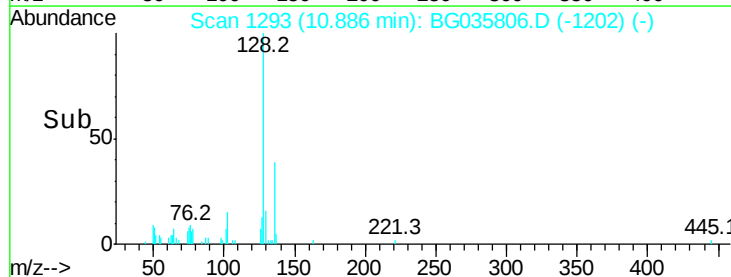
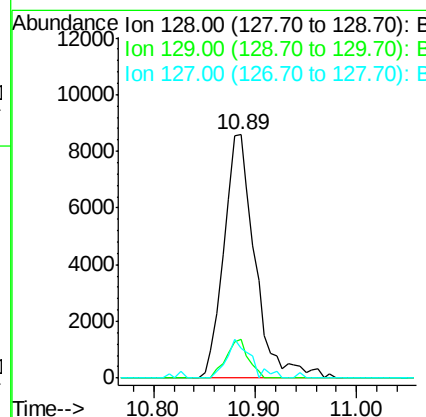
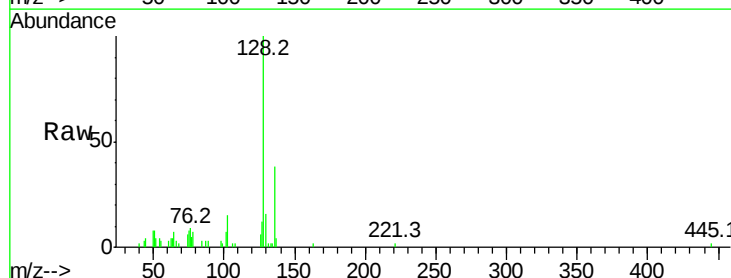
Instrument :
BNA_G
ClientSampleId :
OR-01-071918

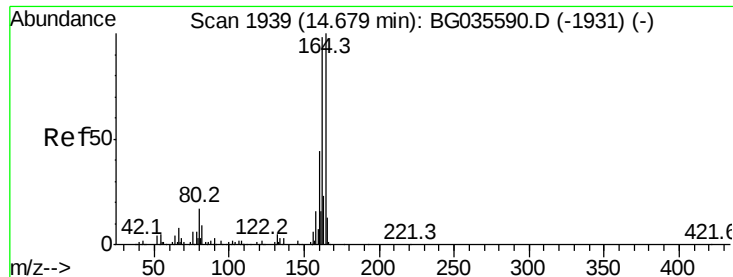
Tot Ion: 82 Resp: 373432
Ion Ratio Lower Upper
82 100
128 35.6 29.7 44.5
54 44.2 43.1 64.7



#31
Naphthalene
Concen: 2.220 ng
RT: 10.89 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BG035806.D
Acq: 21 Jul 2018 5:51

Tgt Ion: 128 Resp: 18308
Ion Ratio Lower Upper
128 100
129 15.7 8.6 12.8#
127 12.3 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035806.D

Acq: 21 Jul 2018 5:51

Instrument :

BNA_G

ClientSampleId :

OR-01-071918

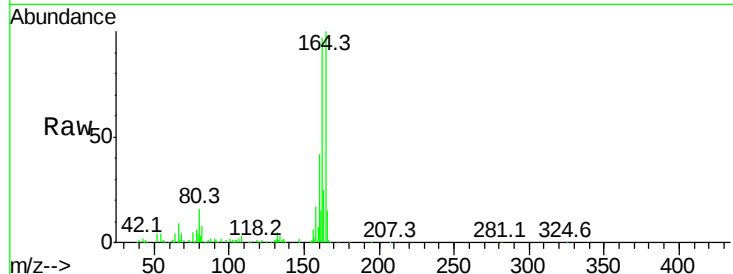
Tot Ion:164 Resp: 110344

Ion Ratio Lower Upper

164 100

162 96.7 78.8 118.2

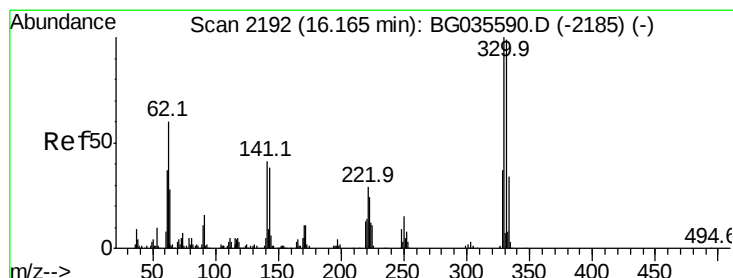
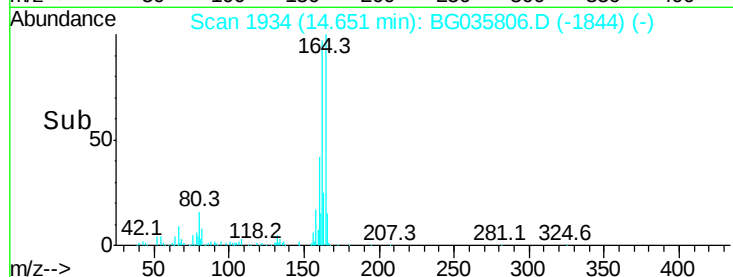
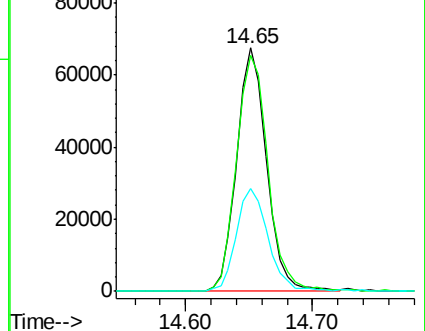
160 42.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 152.125 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG035806.D

Acq: 21 Jul 2018 5:51

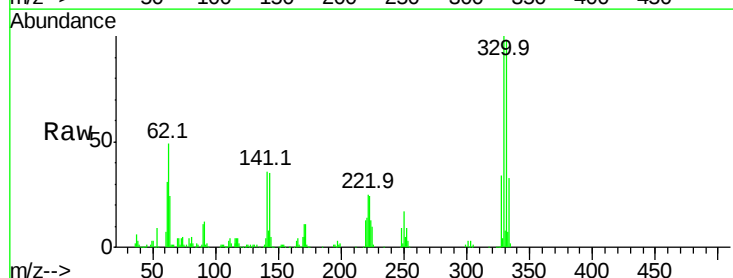
Tgt Ion:330 Resp: 221251

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

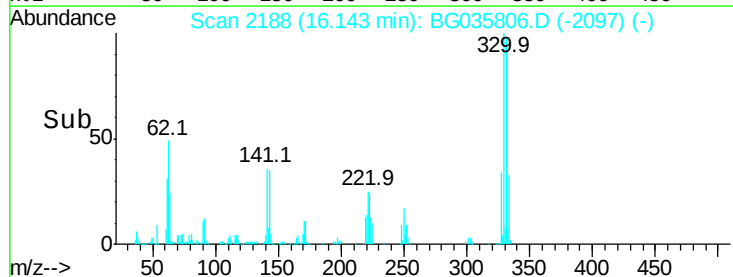
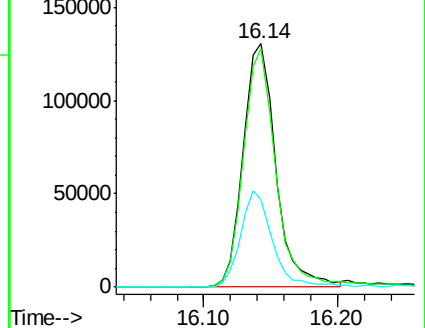
141 38.7 25.2 37.8#

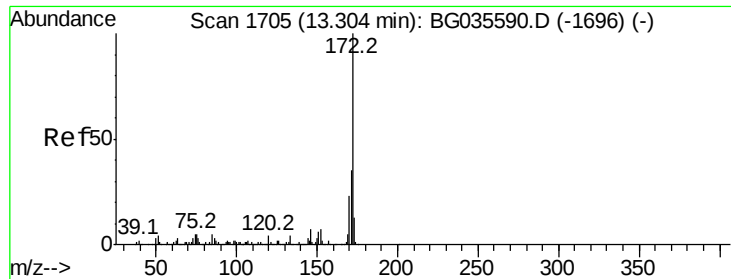


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

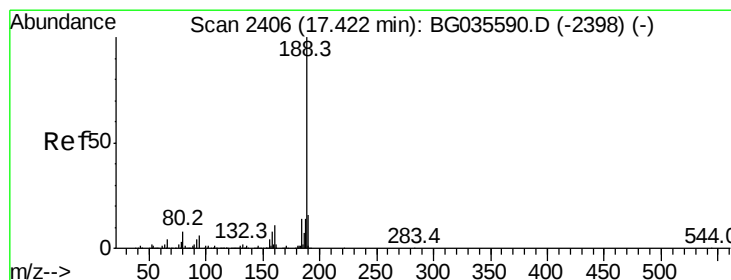
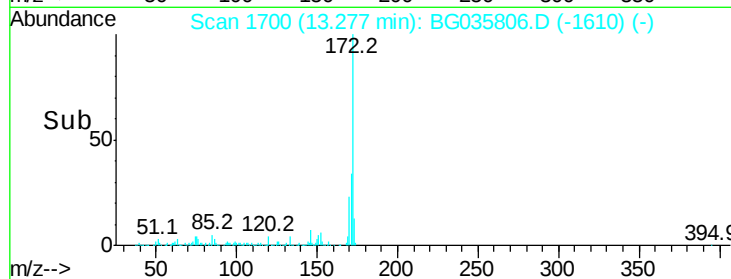
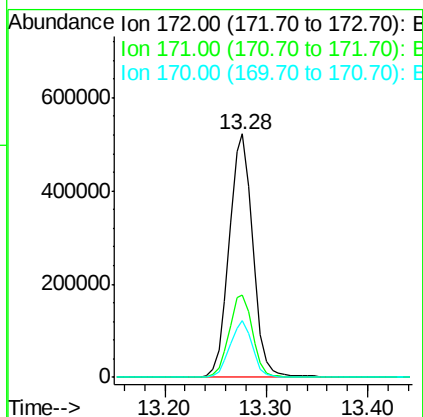
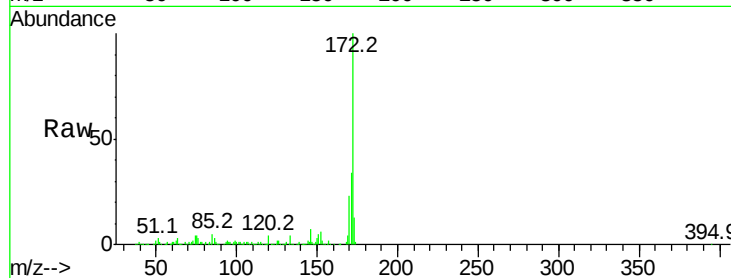




#44
2-Fluorobiphenyl
Concen: 102.437 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035806.D
Acq: 21 Jul 2018 5:51

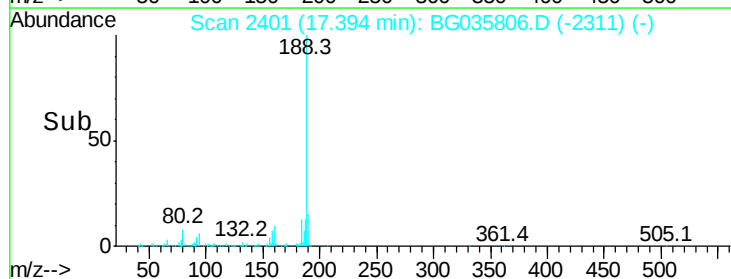
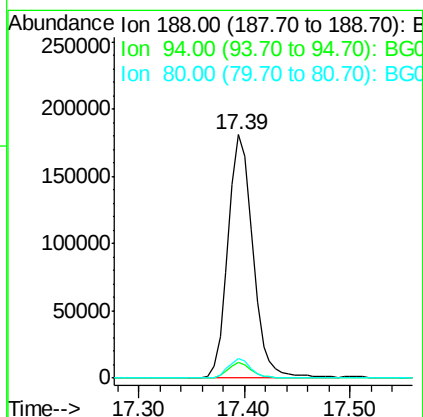
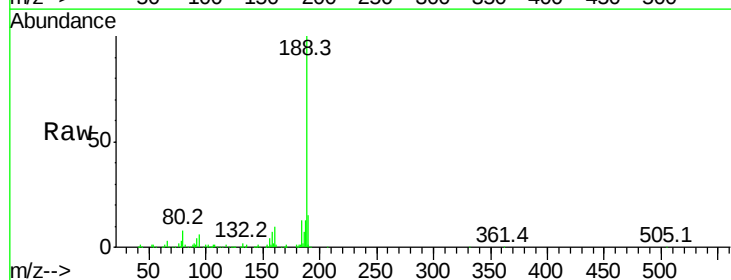
Instrument :
BNA_G
ClientSampleId :
OR-01-071918

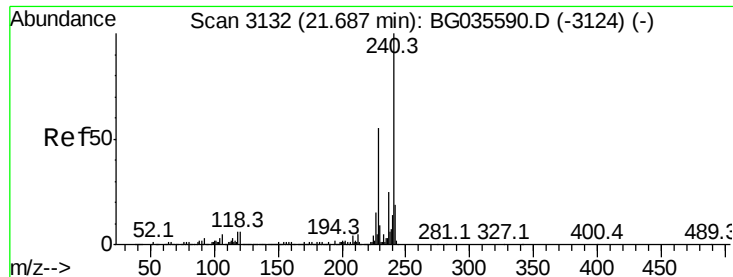
Tot Ion:172 Resp: 843692
Ion Ratio Lower Upper
172 100
171 33.7 30.0 45.0
170 23.4 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035806.D
Acq: 21 Jul 2018 5:51

Tgt Ion:188 Resp: 296207
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 8.2 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035806.D

Acq: 21 Jul 2018 5:51

Instrument :

BNA_G

ClientSampleId :

OR-01-071918

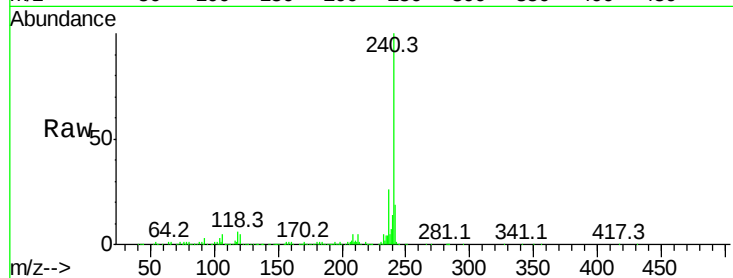
Tot Ion:240 Resp: 324758

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

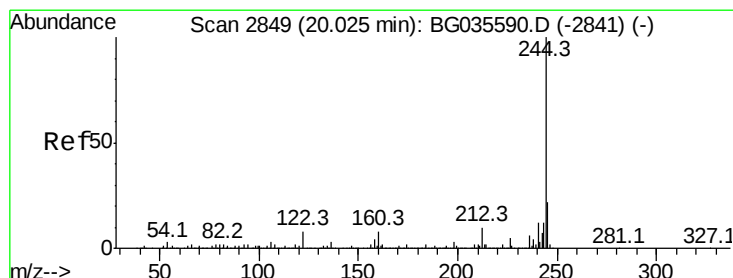
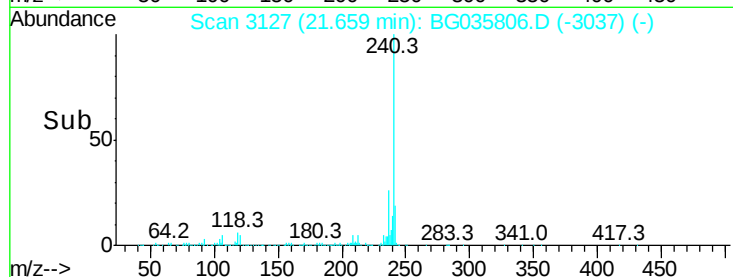
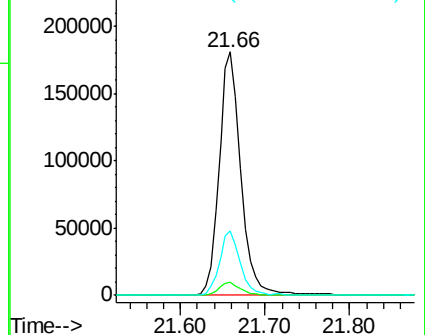
236 26.2 20.9 31.3



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: 105.881 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035806.D

Acq: 21 Jul 2018 5:51

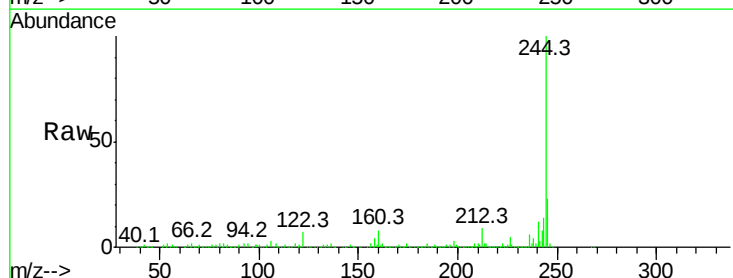
Tgt Ion:244 Resp: 1559944

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

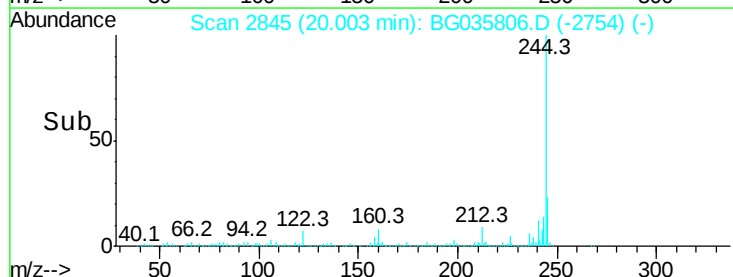
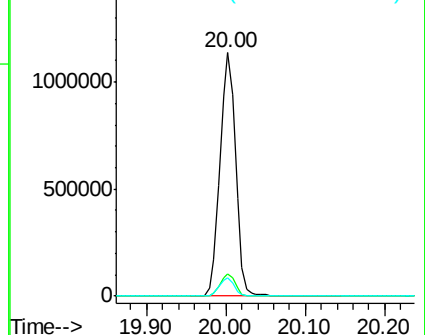
122 7.5 7.0 10.4

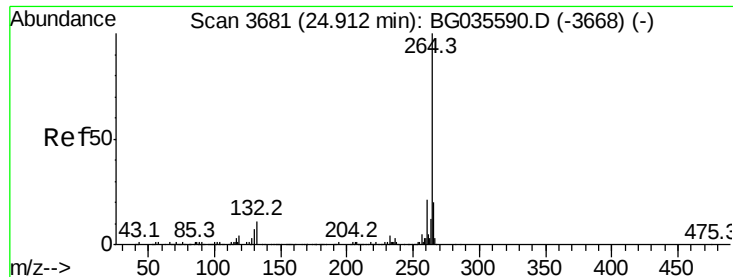


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3672
 Delta R.T. 0.00 min
 Lab File: BG035806.D
 Acq: 21 Jul 2018 5:51

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-071918

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.5	17.4	26.0
265	21.3	17.7	26.5

