

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
 Data File : BG041756.D
 Acq On : 23 Jul 2019 14:22
 Operator : HP/JU
 Sample : K3934-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1S

Quant Time: Jul 24 02:27:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

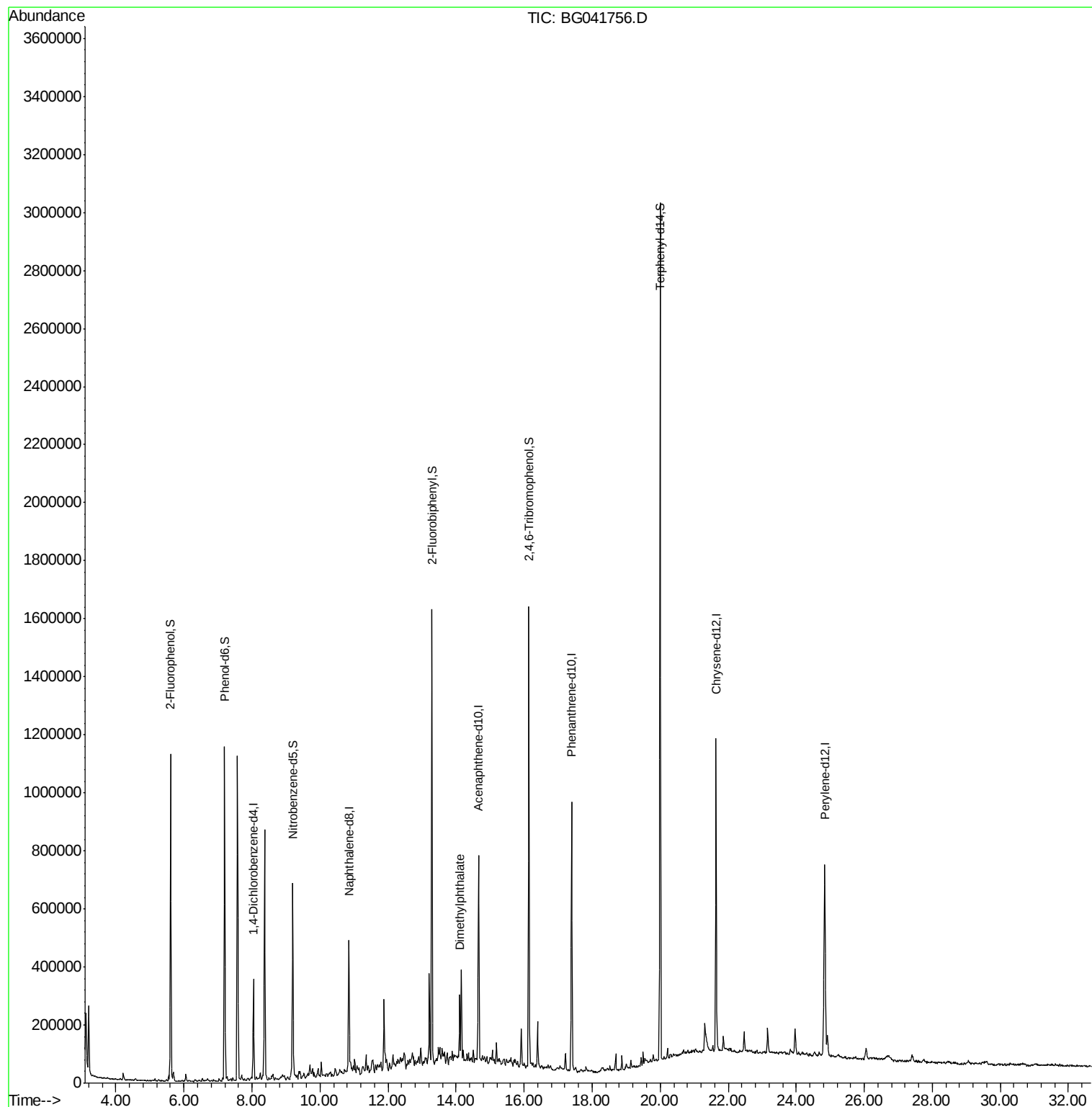
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	99485	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	387529	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	263901	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	590914	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	635616	20.00	ng	-0.02
87) Perylene-d12	24.83	264	746720	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	487370	80.09	ng	0.00
7) Phenol-d6	7.19	99	657746	80.36	ng	0.00
23) Nitrobenzene-d5	9.20	82	392746	61.63	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	310000	104.23	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	850771	49.92	ng	-0.01
79) Terphenyl-d14	20.00	244	1404299	51.63	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.10	163	141223	6.814	ng	Qvalue 97

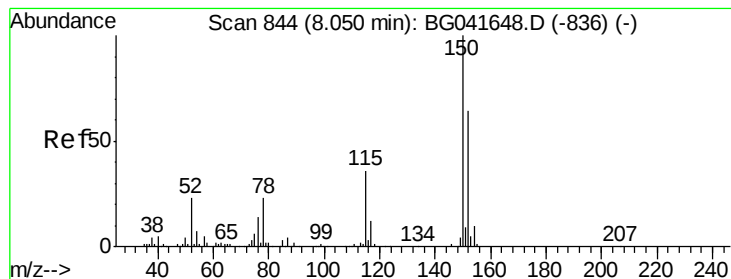
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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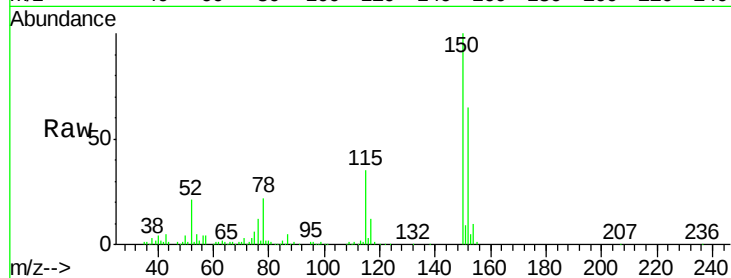


#1

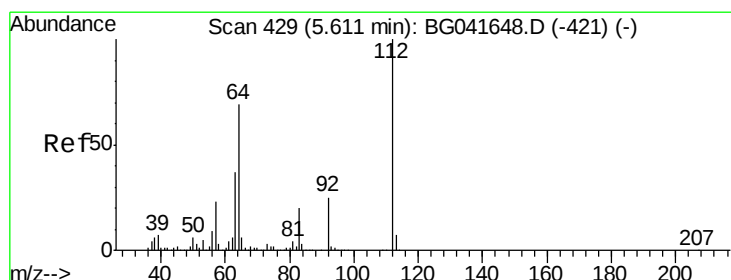
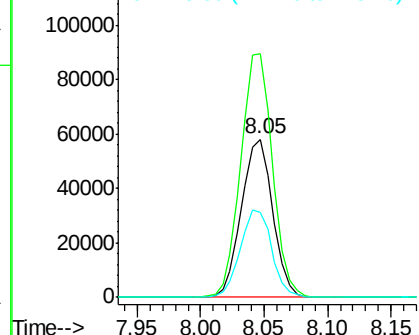
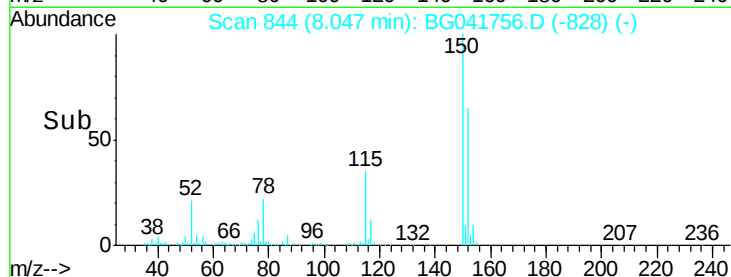
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Instrument :
BNA_G
ClientSampleId :
TP-1S

Tot Ion:152 Resp: 99485
Ion Ratio Lower Upper
152 100
150 153.7 126.9 190.3
115 53.7 45.0 67.6



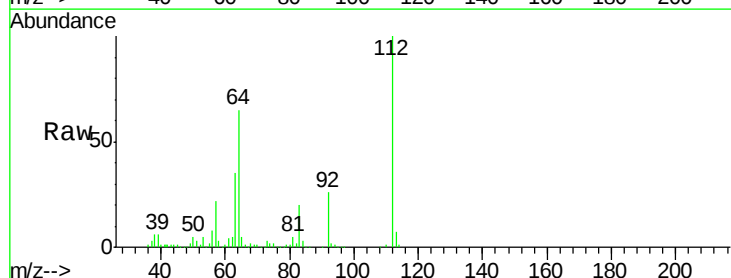
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



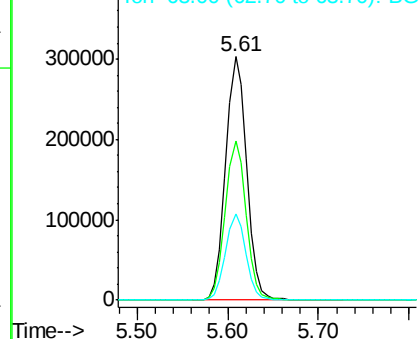
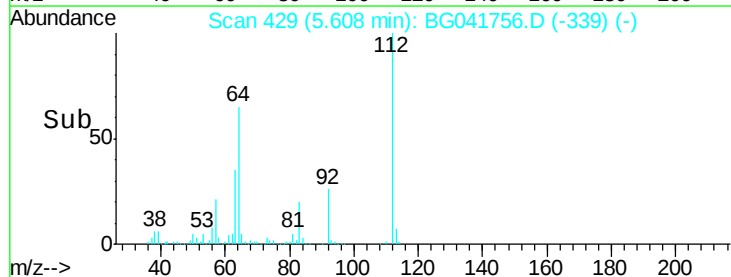
#5

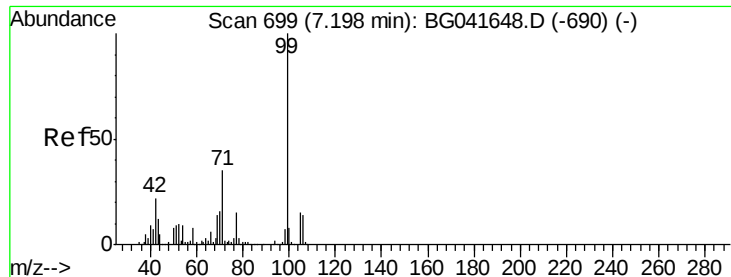
2-Fluorophenol
Concen: 80.085 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Tgt Ion:112 Resp: 487370
Ion Ratio Lower Upper
112 100
64 65.4 55.4 83.2
63 35.4 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 80.355 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041756.D

Acq: 23 Jul 2019 14:22

Instrument :

BNA_G

ClientSampleId :

TP-1S

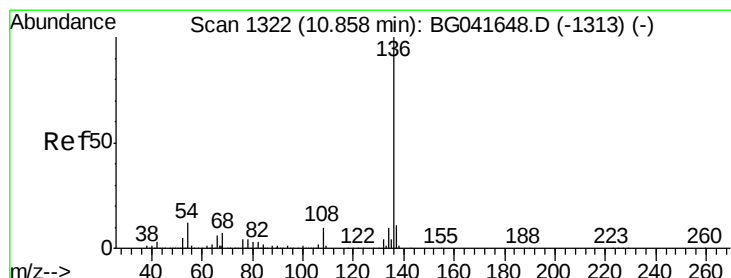
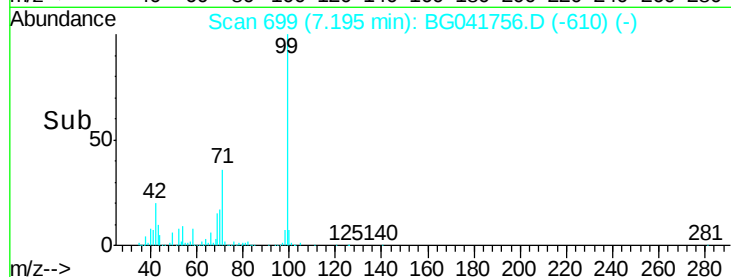
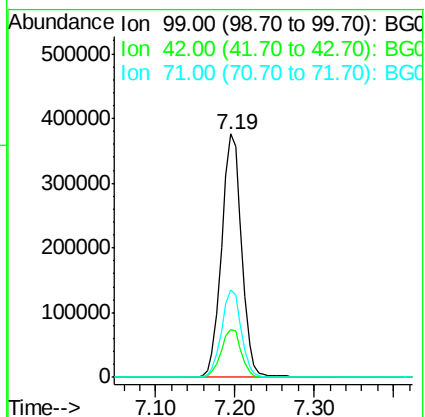
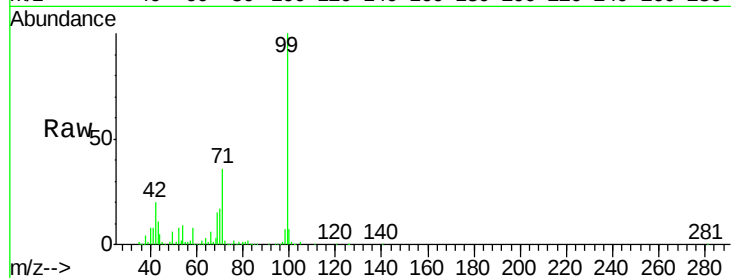
Tot Ion: 99 Resp: 657746

Ion Ratio Lower Upper

99 100

42 19.7 17.6 26.4

71 36.1 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041756.D

Acq: 23 Jul 2019 14:22

Tgt Ion: 136 Resp: 387529

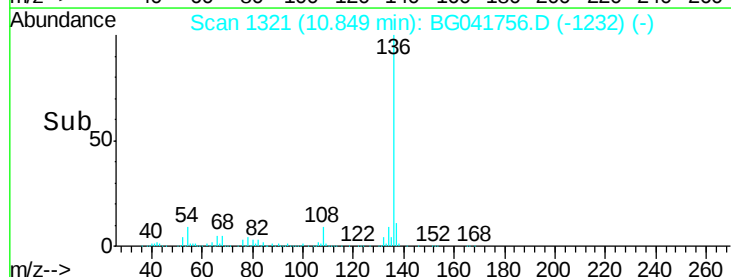
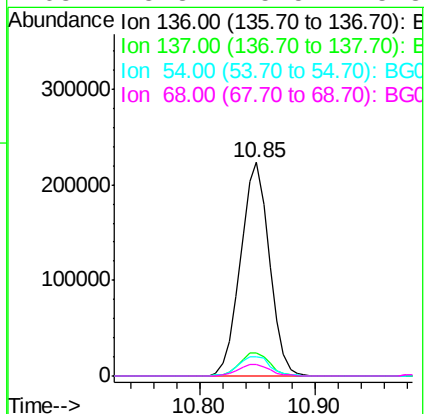
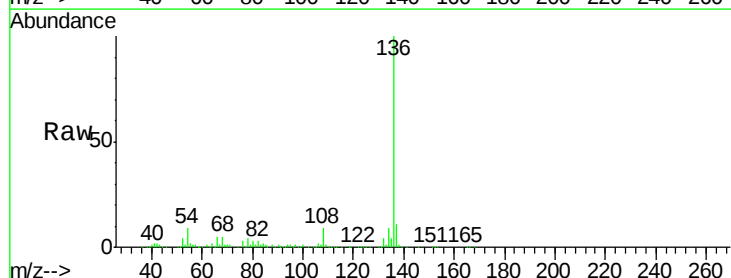
Ion Ratio Lower Upper

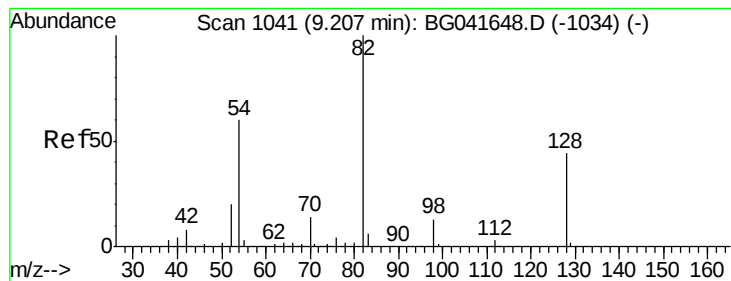
136 100

137 11.0 9.2 13.8

54 9.2 8.7 13.1

68 5.3 5.5 8.3#





#23

Nitrobenzene-d5

Concen: 61.634 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG041756.D

Acq: 23 Jul 2019 14:22

Instrument :

BNA_G

ClientSampleId :

TP-1S

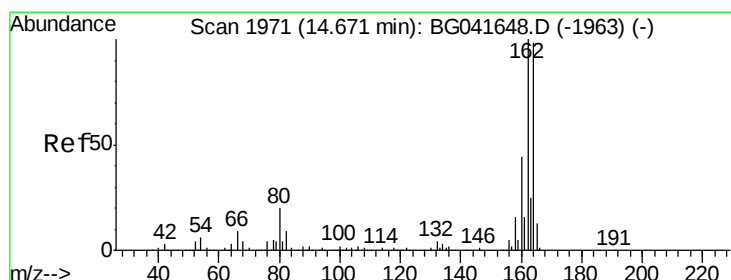
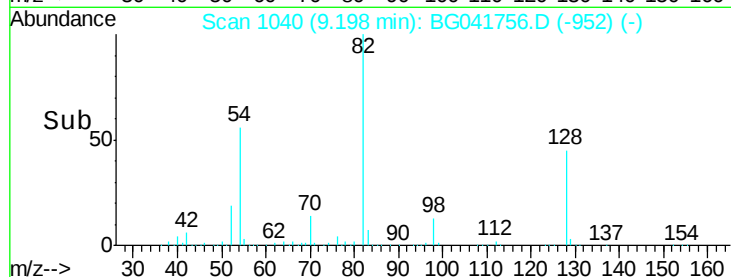
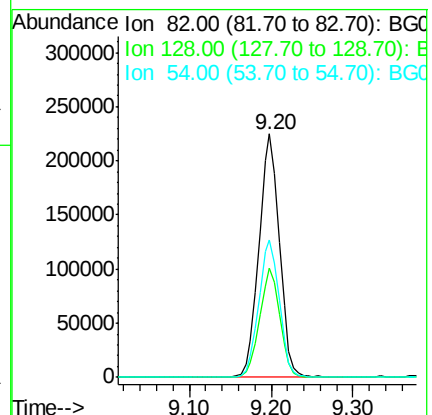
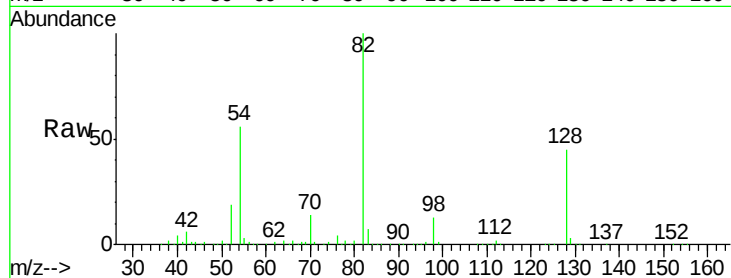
Tot Ion: 82 Resp: 392746

Ion Ratio Lower Upper

82 100

128 44.6 35.1 52.7

54 56.3 48.7 73.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG041756.D

Acq: 23 Jul 2019 14:22

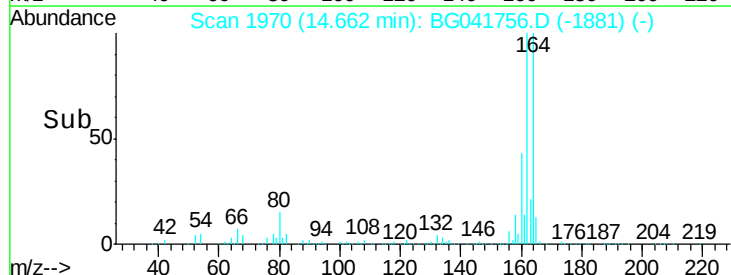
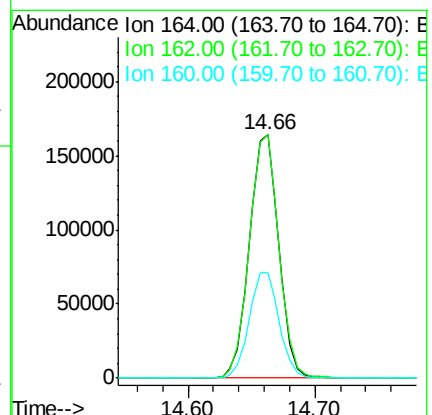
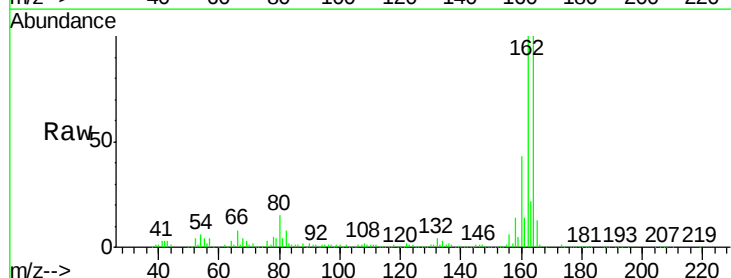
Tgt Ion: 164 Resp: 263901

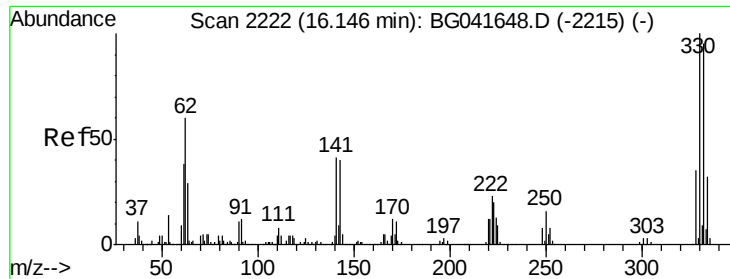
Ion Ratio Lower Upper

164 100

162 100.2 79.6 119.4

160 43.4 35.4 53.0

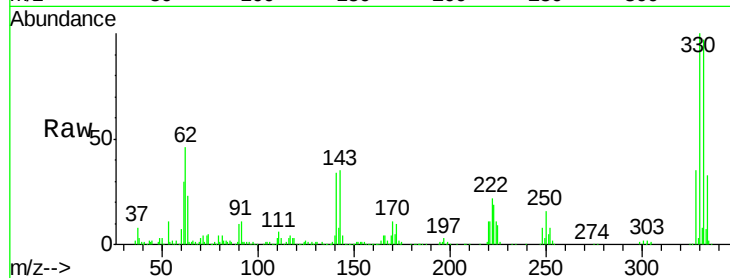




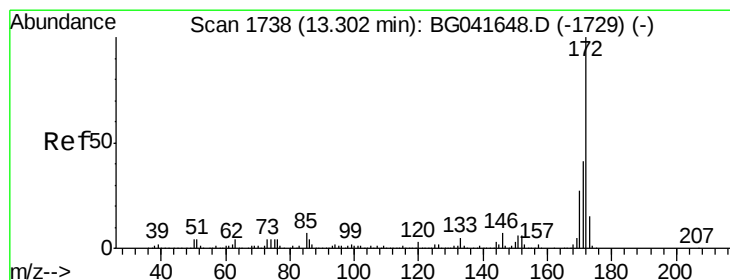
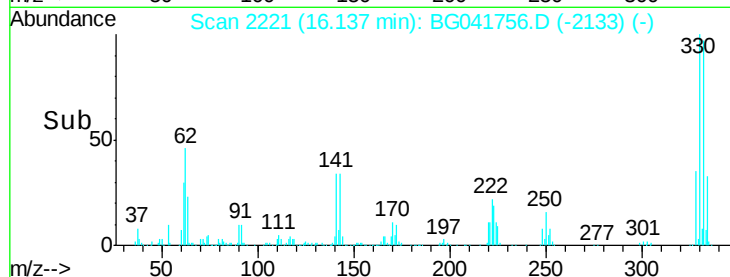
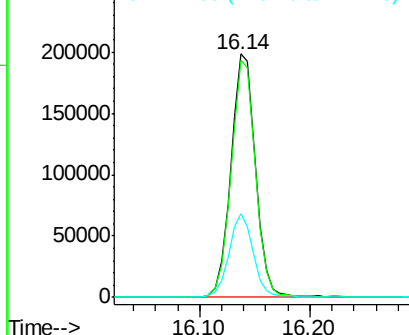
#42
 2,4,6-Tribromophenol
 Concen: 104.232 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG041756.D
 Acq: 23 Jul 2019 14:22

Instrument :
 BNA_G
 ClientSampleId :
 TP-1S

Tot Ion:330 Resp: 310000
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.0
 141 33.4 31.9 47.9

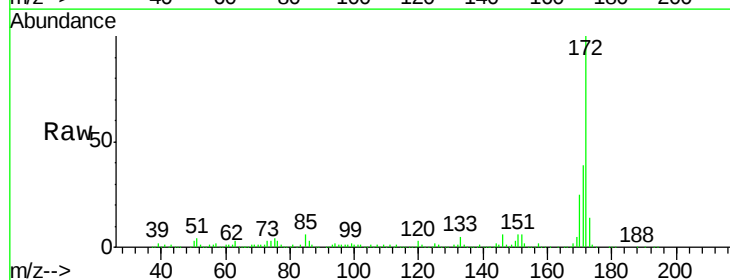


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

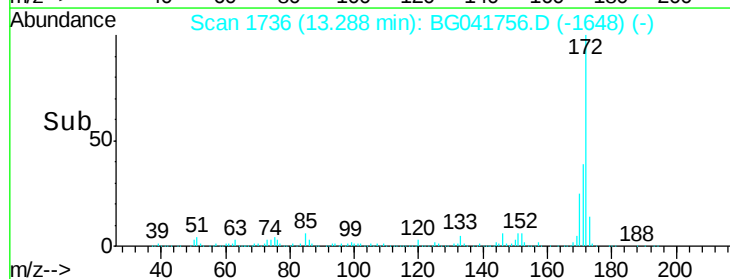
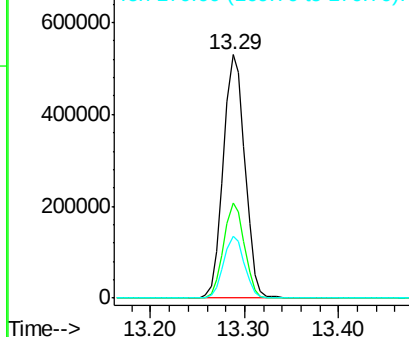


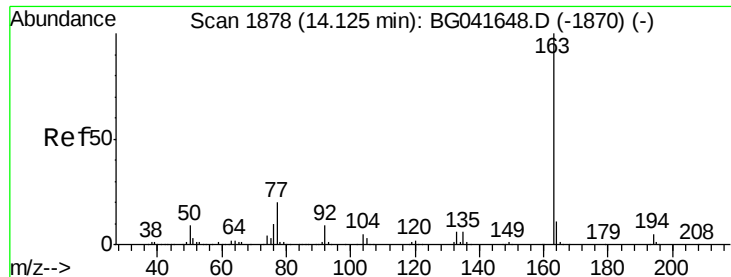
#45
 2-Fluorobiphenyl
 Concen: 49.921 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG041756.D
 Acq: 23 Jul 2019 14:22

Tgt Ion:172 Resp: 850771
 Ion Ratio Lower Upper
 172 100
 171 38.8 35.0 52.4
 170 25.4 23.5 35.3



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





#50

Dimethylphthalate

Concen: 6.814 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.03 min

Lab File: BG041756.D

Acq: 23 Jul 2019 14:22

Instrument :

BNA_G

ClientSampleId :

TP-1S

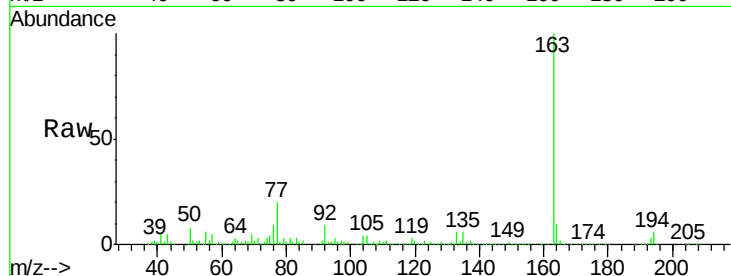
Tot Ion:163 Resp: 141223

Ion Ratio Lower Upper

163 100

194 5.6 4.2 6.2

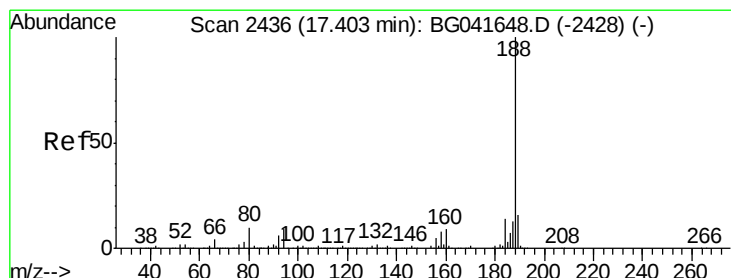
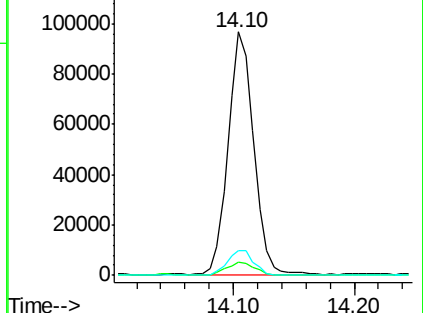
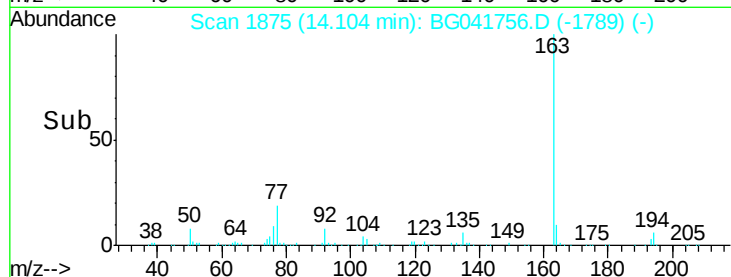
164 10.4 9.4 14.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG041756.D

Acq: 23 Jul 2019 14:22

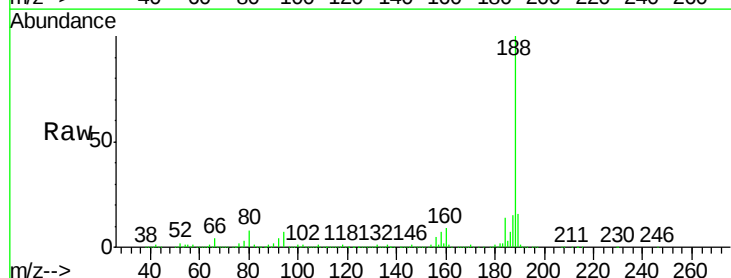
Tgt Ion:188 Resp: 590914

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

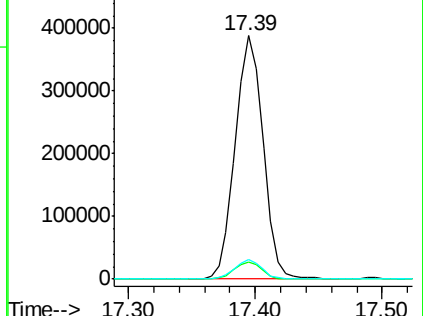
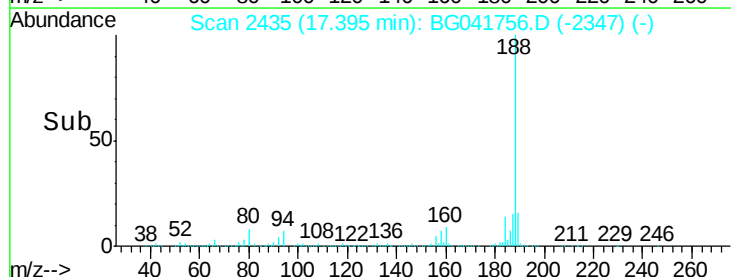
80 8.1 8.0 12.0

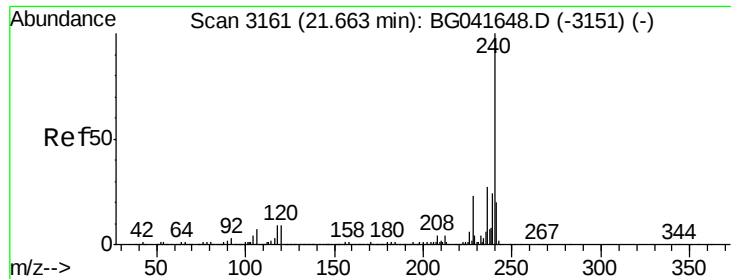


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.02 min

Lab File: BG041756.D

Acq: 23 Jul 2019 14:22

Instrument :

BNA_G

ClientSampled :

TP-1S

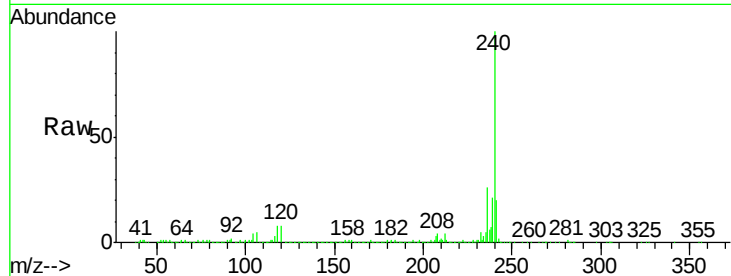
Tot Ion:240 Resp: 635616

Ion Ratio Lower Upper

240 100

120 7.8 8.0 12.0#

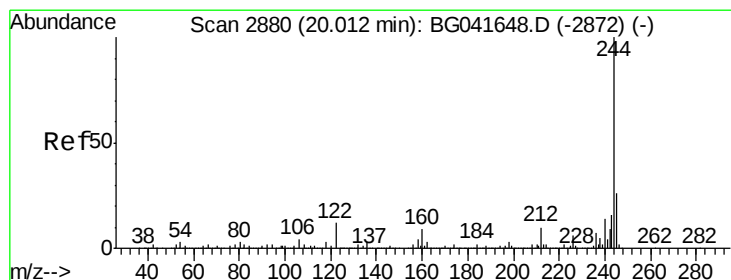
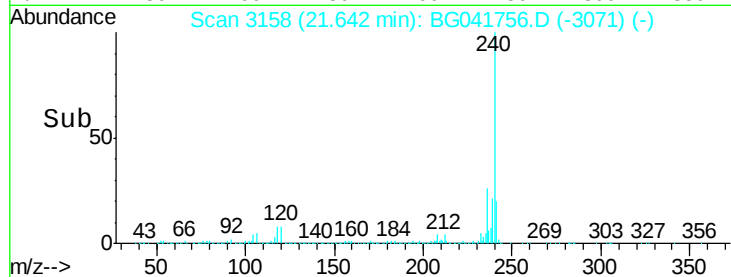
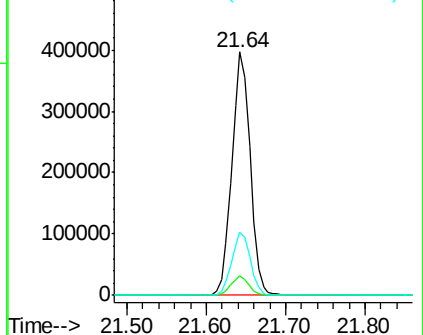
236 25.8 22.6 33.8



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



#79

Terphenyl-d14

Concen: 51.630 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG041756.D

Acq: 23 Jul 2019 14:22

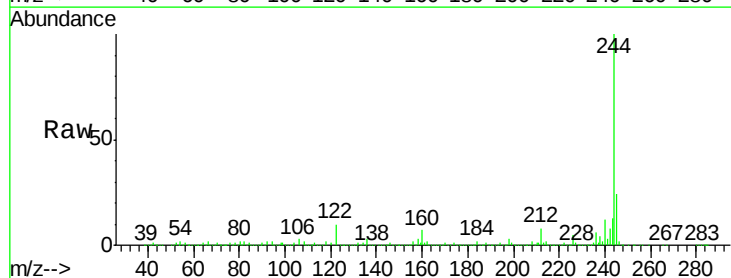
Tgt Ion:244 Resp: 1404299

Ion Ratio Lower Upper

244 100

212 8.3 9.7 14.5#

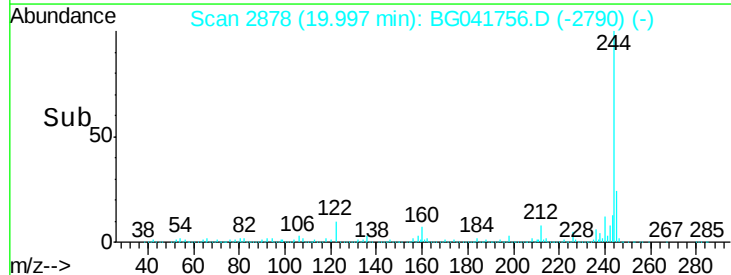
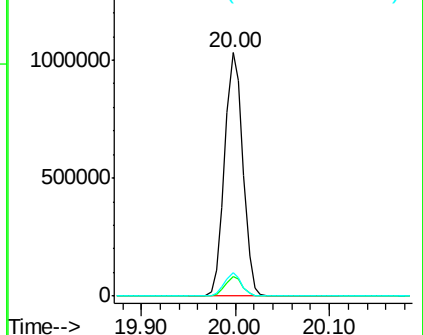
122 9.6 12.5 18.7#

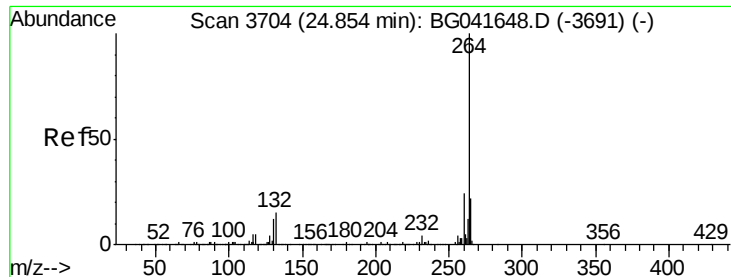


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

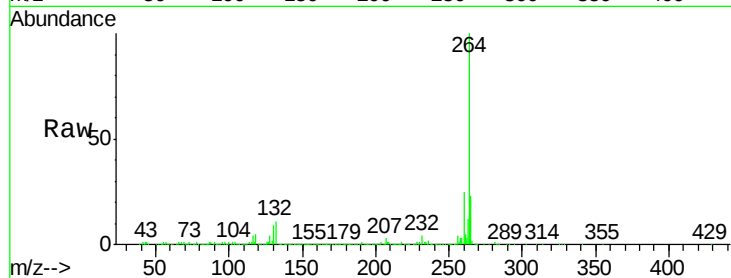




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.03 min
Lab File: BG041756.D
Acq: 23 Jul 2019 14:22

Instrument :
BNA_G
ClientSampleId :
TP-1S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.6	18.0	27.0



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

