

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041719\
 Data File : BG040551.D
 Acq On : 18 Apr 2019 5:14
 Operator : JU/SJ
 Sample : K2411-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-16-S

Quant Time: Apr 18 06:06:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	59623	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	229575	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	137268	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	371028	20.00	ng	0.00
76) Chrysene-d12	21.69	240	383820	20.00	ng	0.00
87) Perylene-d12	24.97	264	413183	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	208771	58.21	ng	0.00
7) Phenol-d6	7.20	99	269465	54.36	ng	0.00
23) Nitrobenzene-d5	9.22	82	355649	82.34	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	82627	55.70	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	754390	81.43	ng	0.00
79) Terphenyl-d14	20.02	244	1370808	80.35	ng	0.00

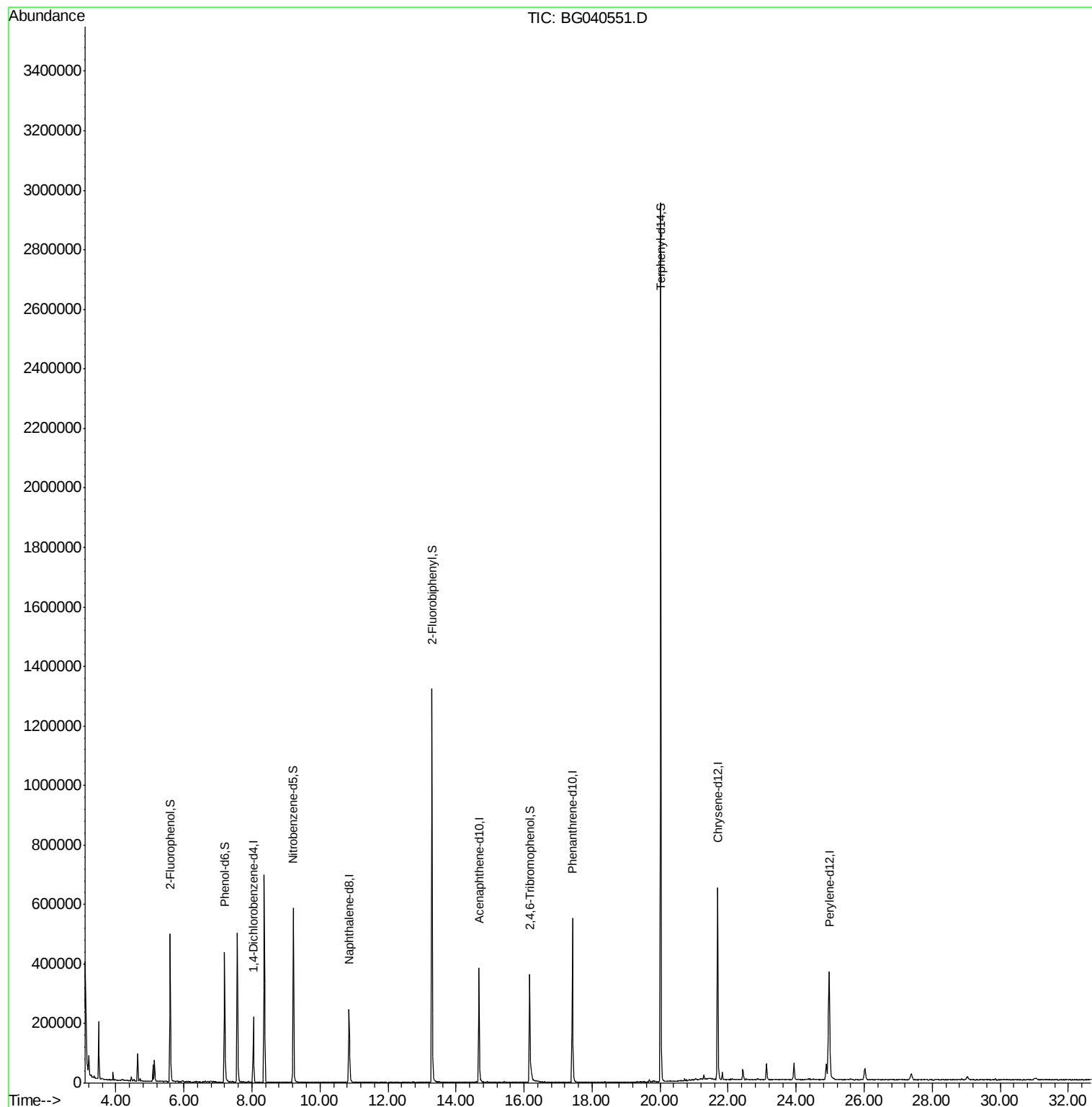
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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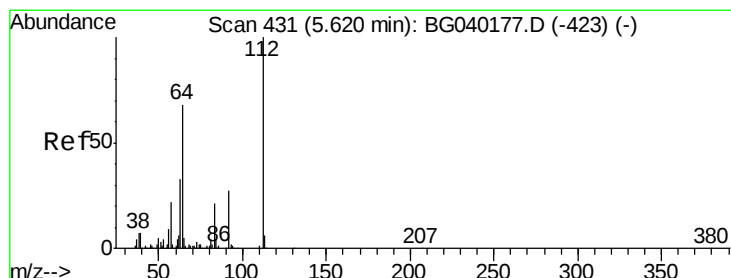
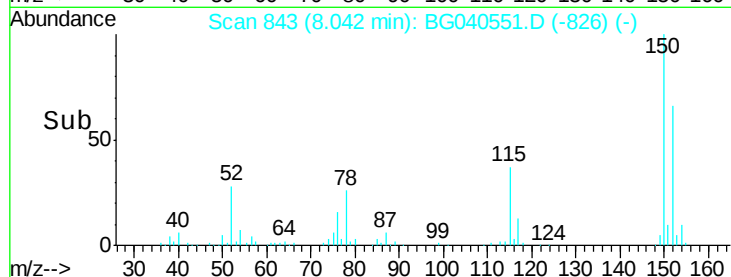
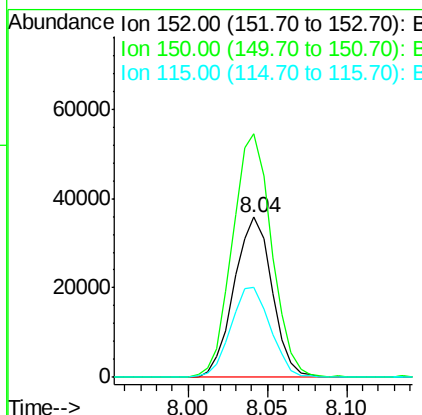
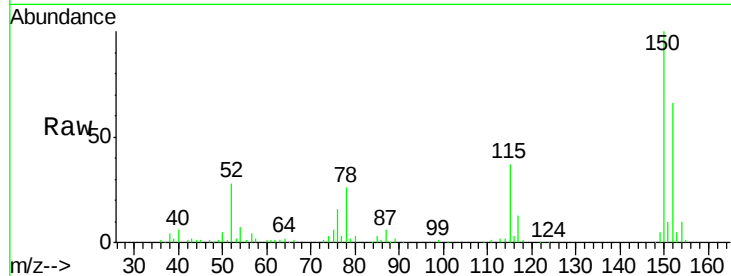




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG040551.D
 Acq: 18 Apr 2019 5:14

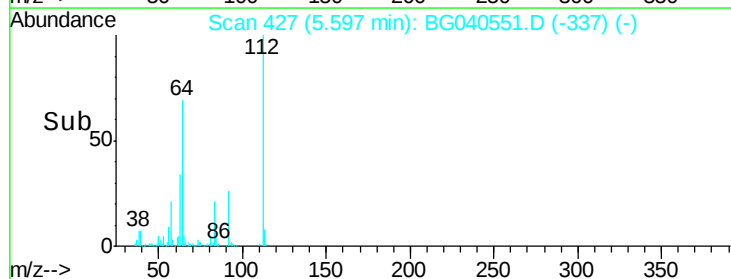
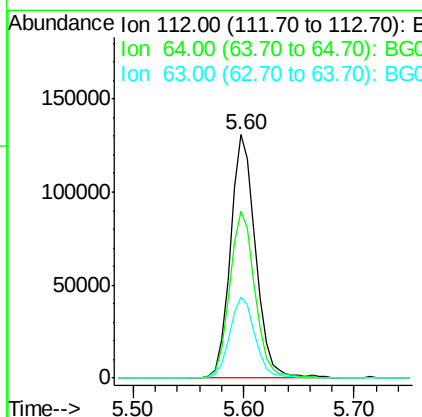
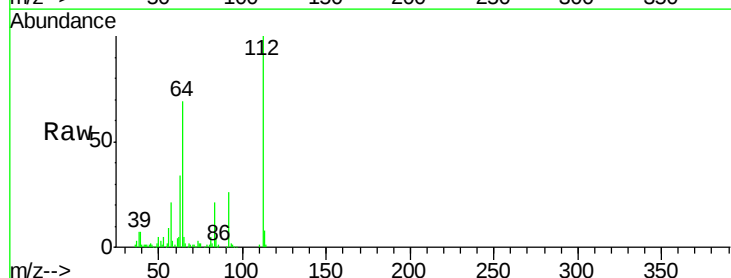
Instrument :
 BNA_G
 ClientSampleId :
 TP-16-S

Tgt Ion:152 Resp: 59623
 Ion Ratio Lower Upper
 152 100
 150 152.1 123.7 185.5
 115 56.6 46.9 70.3



#5
 2-Fluorophenol
 Concen: 58.210 ng
 RT: 5.60 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BG040551.D
 Acq: 18 Apr 2019 5:14

Tgt Ion:112 Resp: 208771
 Ion Ratio Lower Upper
 112 100
 64 68.7 54.2 81.2
 63 33.6 26.4 39.6





#7

Phenol-d6

Concen: 54.364 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG040551.D

Acq: 18 Apr 2019 5:14

Instrument :

BNA_G

ClientSampleId :

TP-16-S

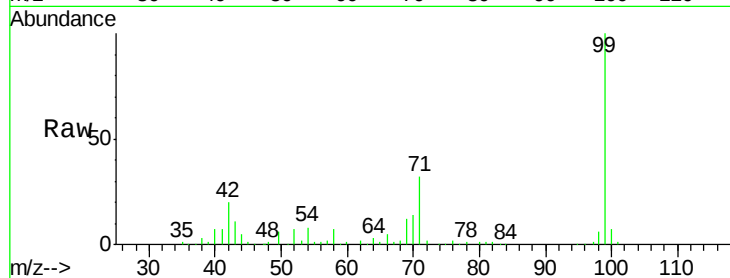
Tgt Ion: 99 Resp: 269465

Ion Ratio Lower Upper

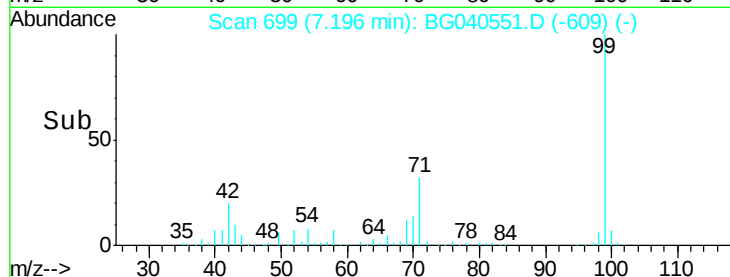
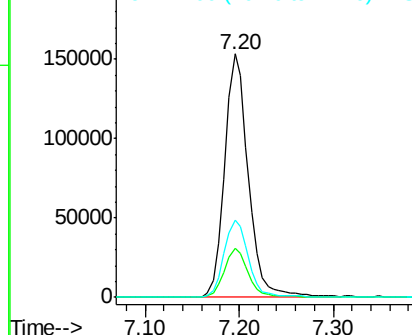
99 100

42 20.3 16.2 24.2

71 31.7 26.8 40.2



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: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG040551.D

Acq: 18 Apr 2019 5:14

Tgt Ion: 136 Resp: 229575

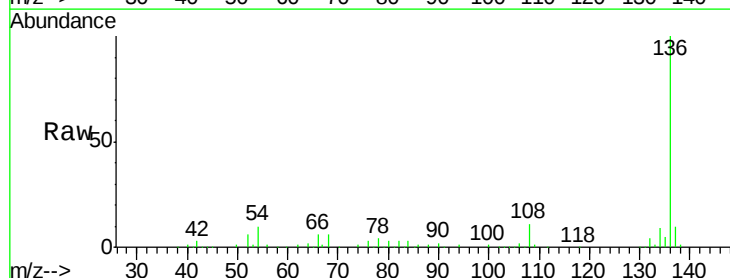
Ion Ratio Lower Upper

136 100

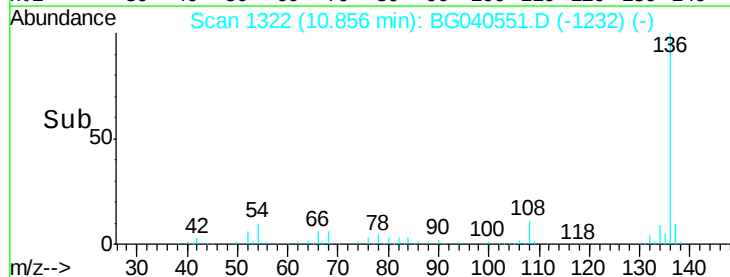
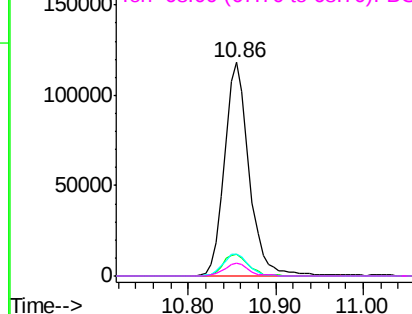
137 9.9 8.9 13.3

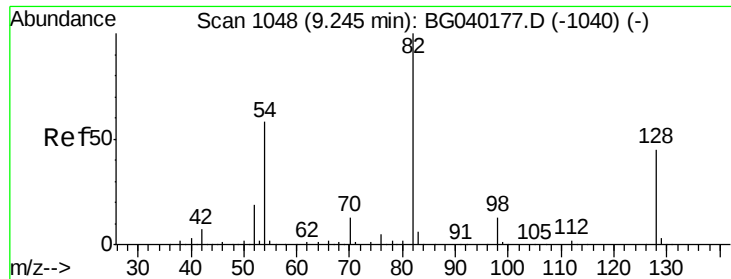
54 10.0 9.6 14.4

68 6.1 5.1 7.7



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

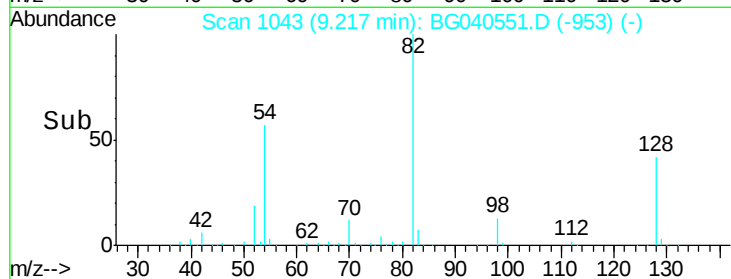
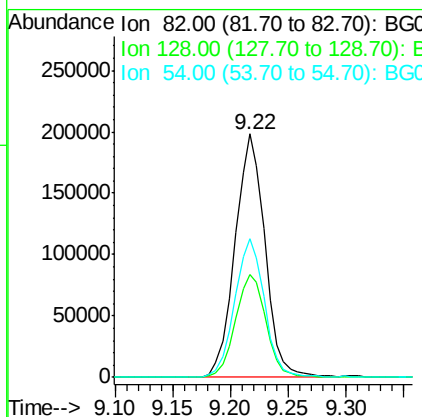
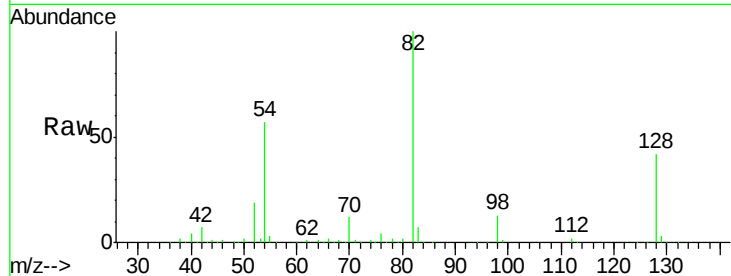




#23
Nitrobenzene-d5
Concen: 82.343 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG040551.D
Acq: 18 Apr 2019 5:14

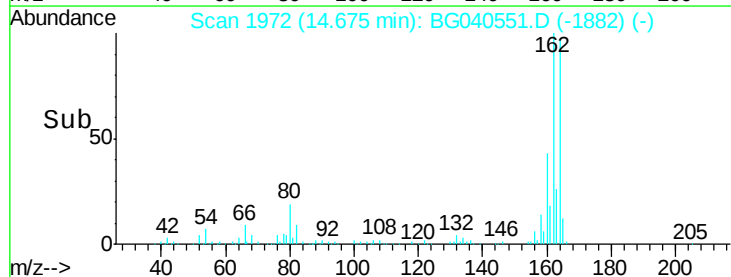
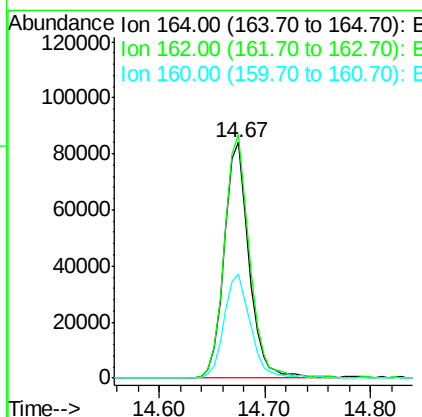
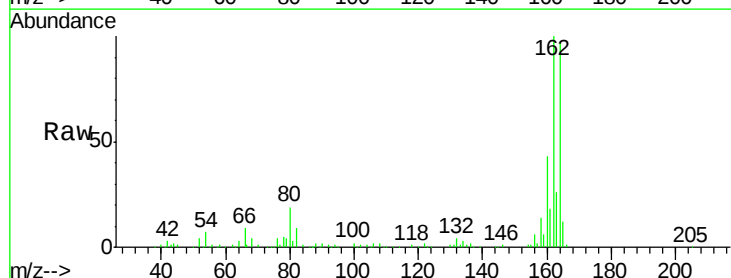
Instrument :
BNA_G
ClientSampleId :
TP-16-S

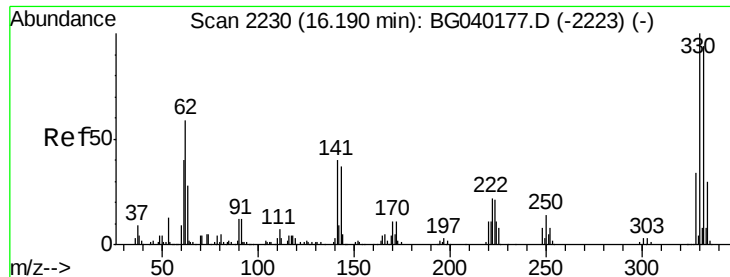
Tgt Ion: 82 Resp: 355649
Ion Ratio Lower Upper
82 100
128 42.4 35.8 53.8
54 57.0 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG040551.D
Acq: 18 Apr 2019 5:14

Tgt Ion: 164 Resp: 137268
Ion Ratio Lower Upper
164 100
162 103.4 77.4 116.2
160 44.0 35.3 52.9

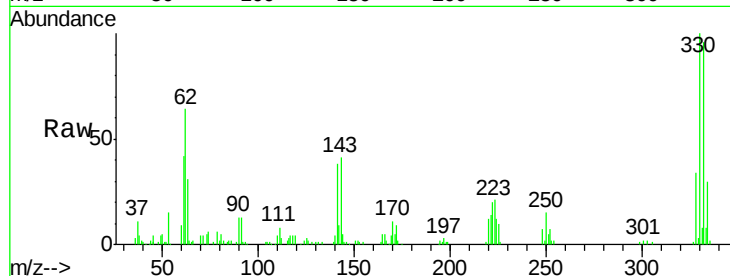




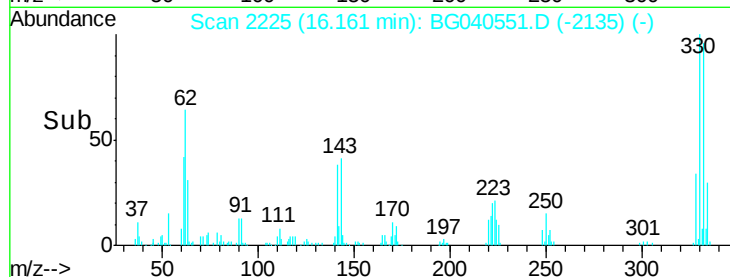
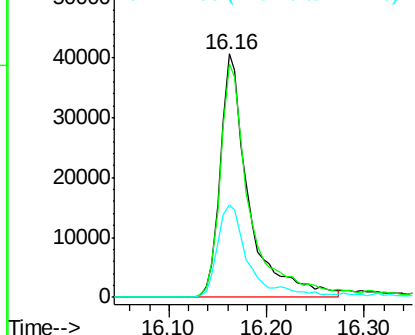
#42
 2,4,6-Tribromophenol
 Concen: 55.697 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG040551.D
 Acq: 18 Apr 2019 5:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-16-S

Tgt Ion:330 Resp: 82627
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 115.0
 141 41.8 32.6 48.8

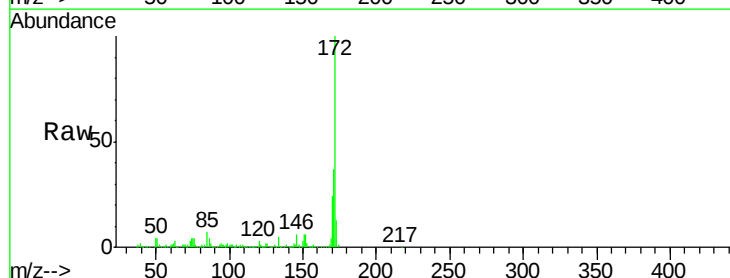


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

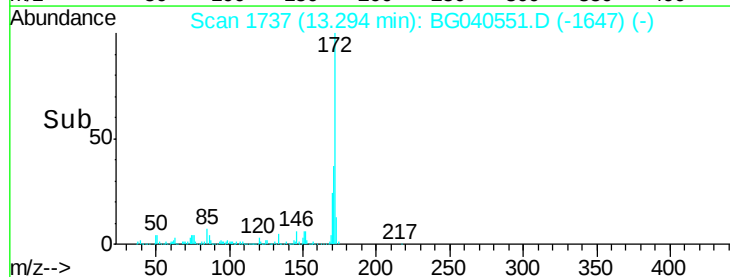
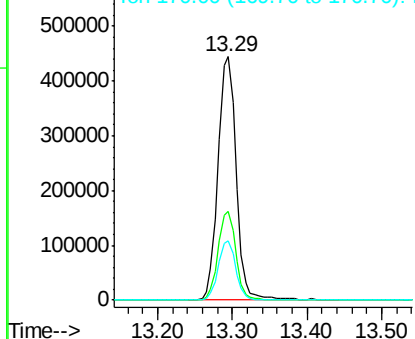


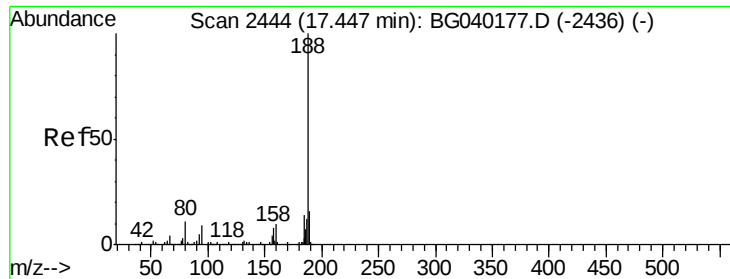
#45
 2-Fluorobiphenyl
 Concen: 81.434 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG040551.D
 Acq: 18 Apr 2019 5:14

Tgt Ion:172 Resp: 754390
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.5 45.7
 170 24.2 20.1 30.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG040551.D

Acq: 18 Apr 2019 5:14

Instrument :

BNA_G

ClientSampleId :

TP-16-S

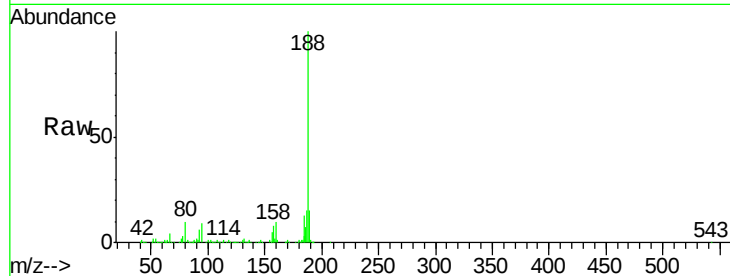
Tgt Ion:188 Resp: 371028

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

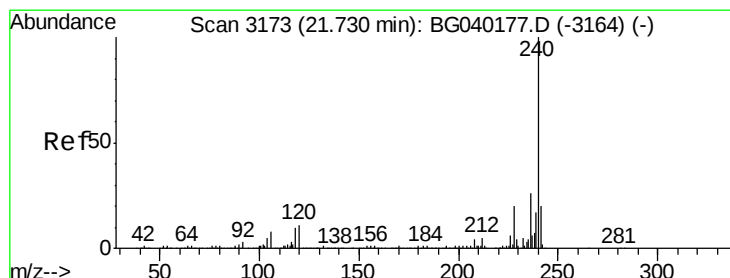
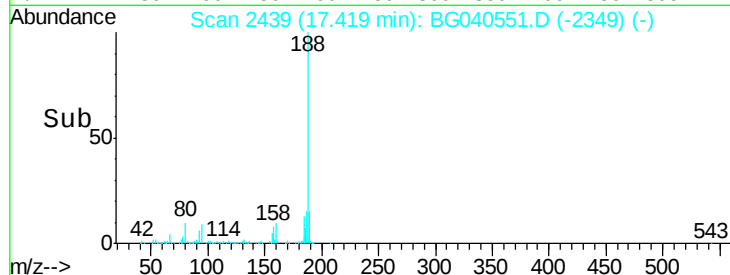
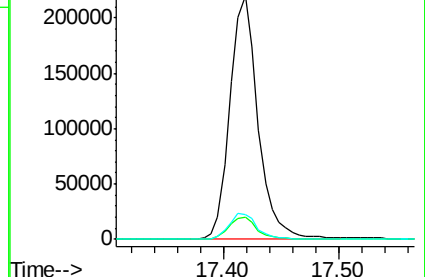
80 10.0 8.6 13.0



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG040551.D

Acq: 18 Apr 2019 5:14

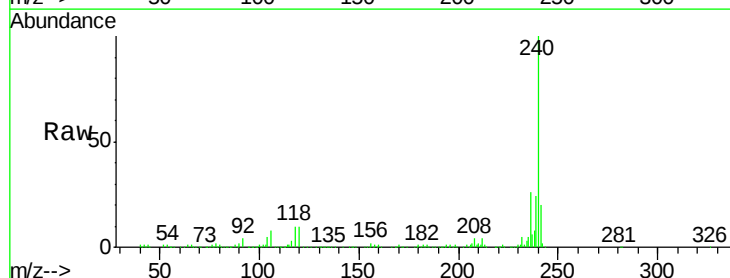
Tgt Ion:240 Resp: 383820

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

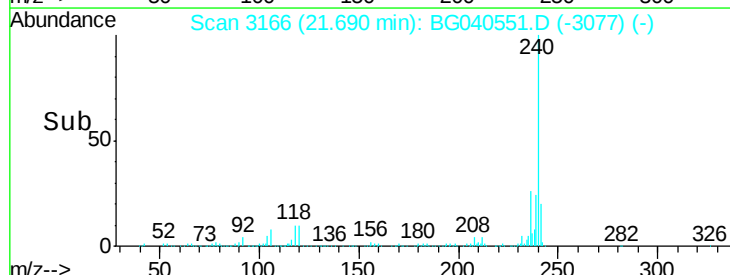
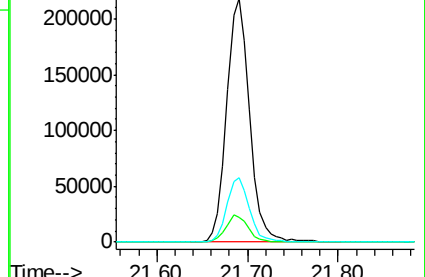
236 26.5 20.8 31.2



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: 80.346 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG040551.D

Acq: 18 Apr 2019 5:14

Instrument :

BNA_G

ClientSampleId :

TP-16-S

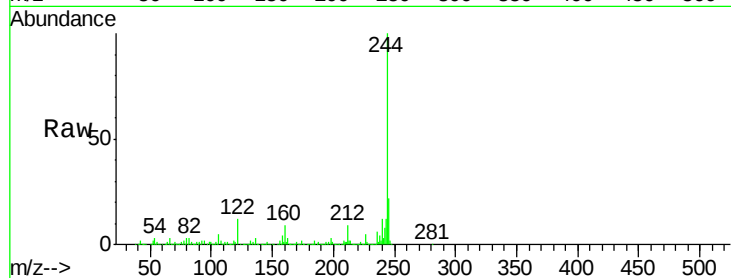
Tgt Ion:244 Resp: 1370808

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

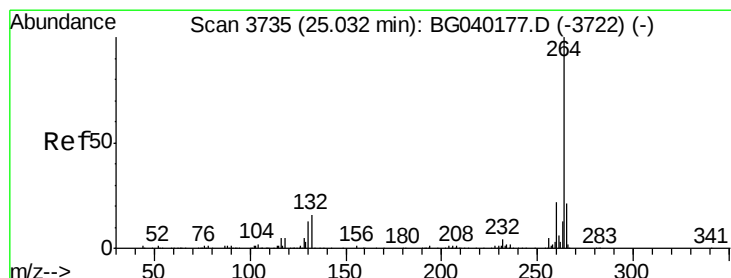
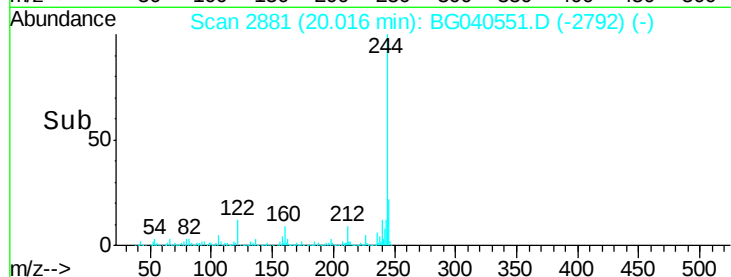
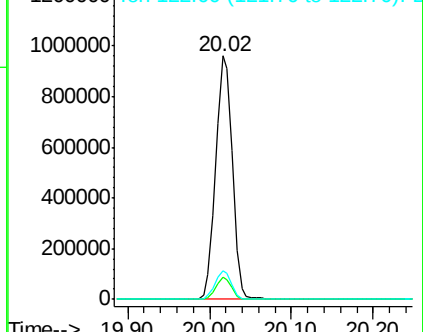
122 12.0 8.5 12.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.00 min

Lab File: BG040551.D

Acq: 18 Apr 2019 5:14

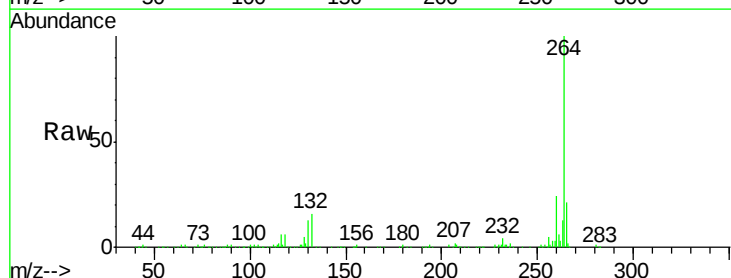
Tgt Ion:264 Resp: 413183

Ion Ratio Lower Upper

264 100

260 24.4 17.9 26.9

265 21.4 16.8 25.2



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

