

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041719\
 Data File : BG040537.D
 Acq On : 17 Apr 2019 19:49
 Operator : JU/SJ
 Sample : K2422-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP3-S

Quant Time: Apr 18 04:24:48 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	54732	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	212829	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	129064	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	347530	20.00	ng	0.00
76) Chrysene-d12	21.69	240	361111	20.00	ng	0.00
87) Perylene-d12	24.96	264	385260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	348790	105.94	ng	0.00
7) Phenol-d6	7.20	99	411392	90.41	ng	0.00
23) Nitrobenzene-d5	9.22	82	351452	87.77	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	187550	134.46	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	749689	86.07	ng	0.00
79) Terphenyl-d14	20.02	244	1368694	85.27	ng	0.00

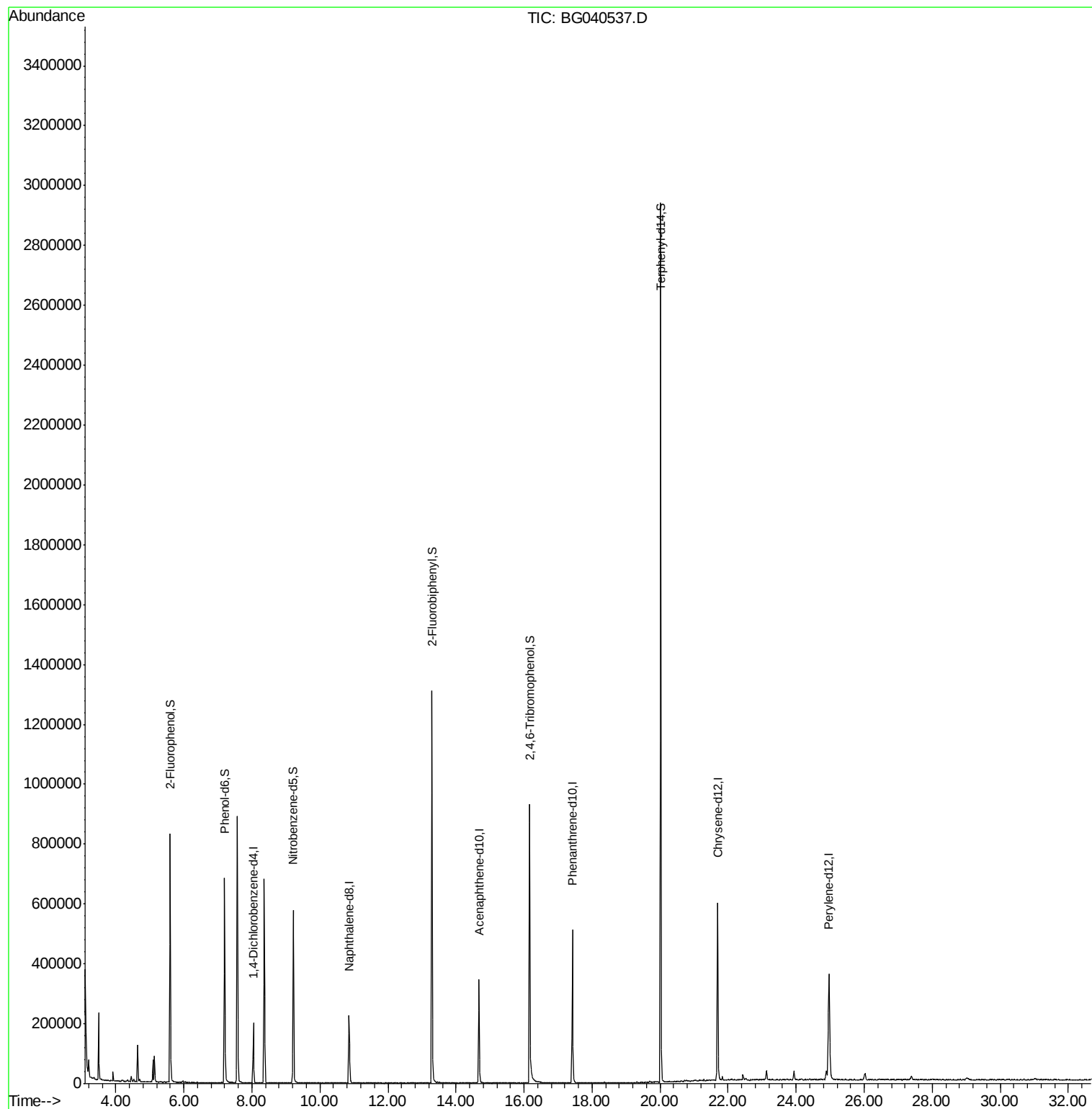
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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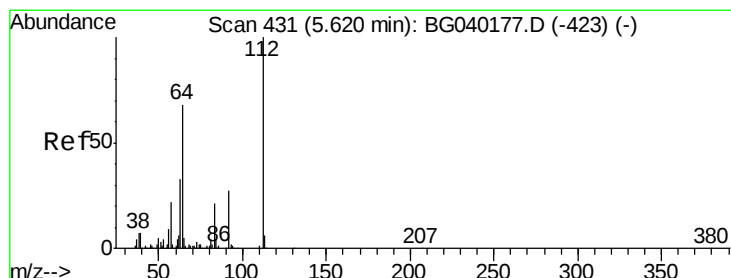
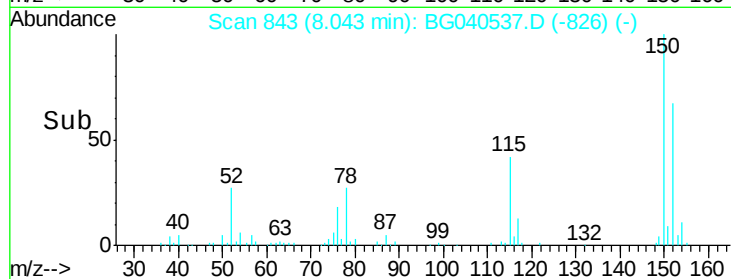
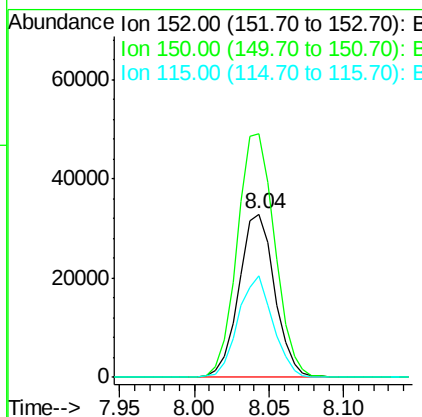
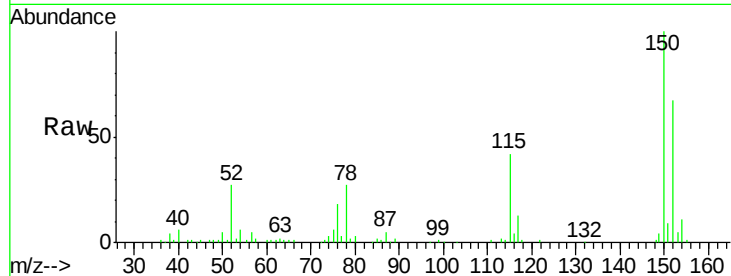




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG040537.D
 Acq: 17 Apr 2019 19:49

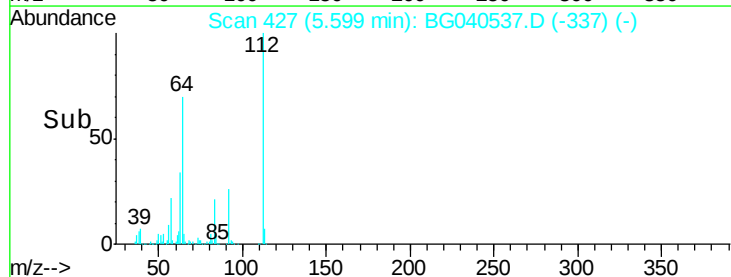
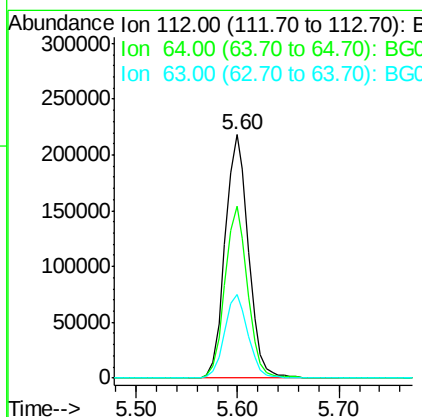
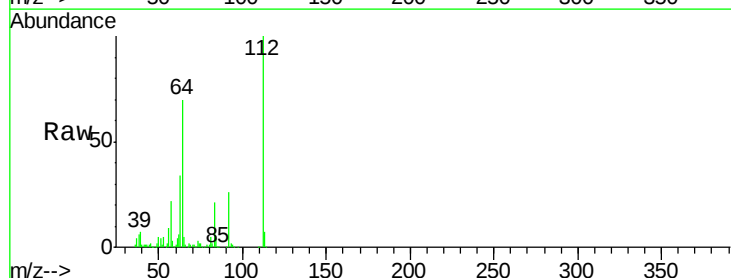
Instrument :
 BNA_G
 ClientSampleId :
 TP3-S

Tgt Ion:152 Resp: 54732
 Ion Ratio Lower Upper
 152 100
 150 148.9 123.7 185.5
 115 61.8 46.9 70.3



#5
 2-Fluorophenol
 Concen: 105.940 ng
 RT: 5.60 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BG040537.D
 Acq: 17 Apr 2019 19:49

Tgt Ion:112 Resp: 348790
 Ion Ratio Lower Upper
 112 100
 64 70.4 54.2 81.2
 63 34.1 26.4 39.6





#7

Phenol-d6

Concen: 90.415 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG040537.D

Acq: 17 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

TP3-S

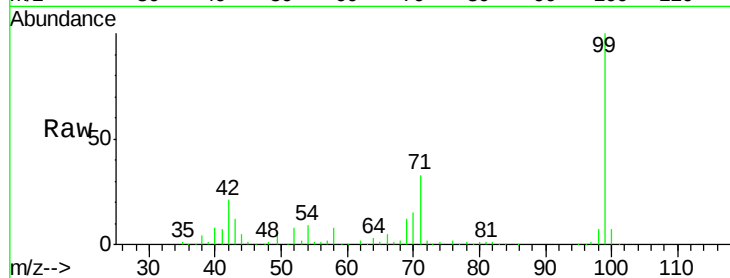
Tgt Ion: 99 Resp: 411392

Ion Ratio Lower Upper

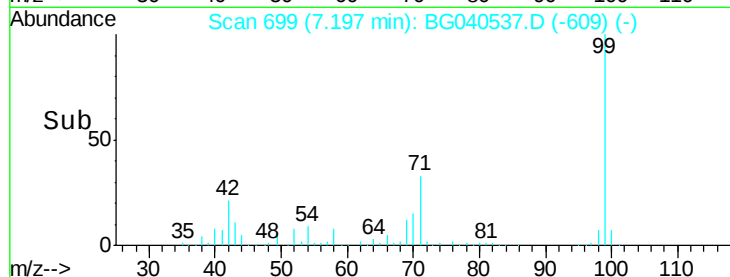
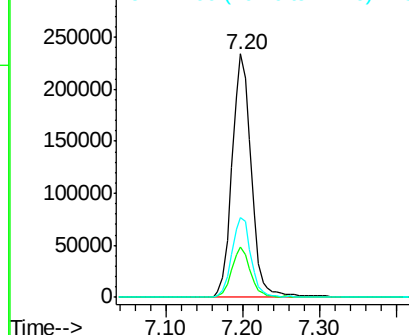
99 100

42 20.7 16.2 24.2

71 32.7 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: BG040537.D

Acq: 17 Apr 2019 19:49

Tgt Ion: 136 Resp: 212829

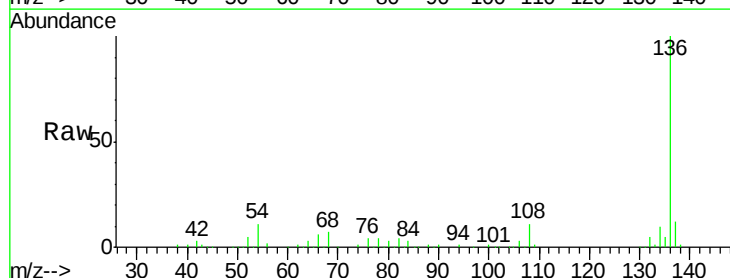
Ion Ratio Lower Upper

136 100

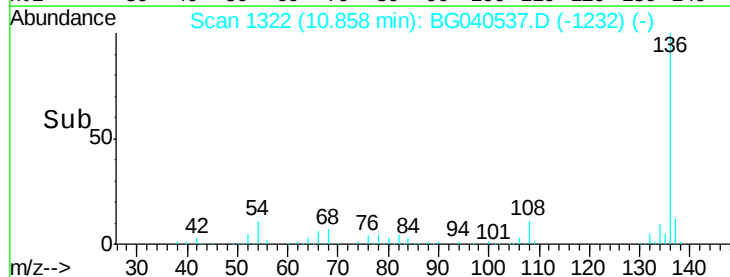
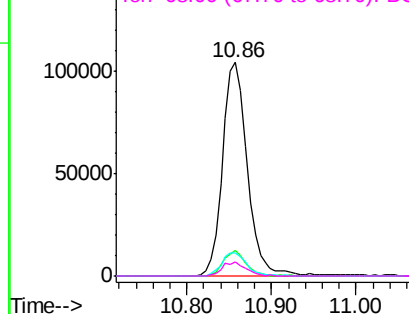
137 11.7 8.9 13.3

54 11.1 9.6 14.4

68 6.8 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

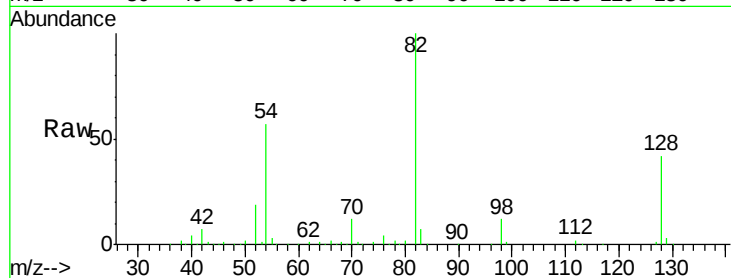




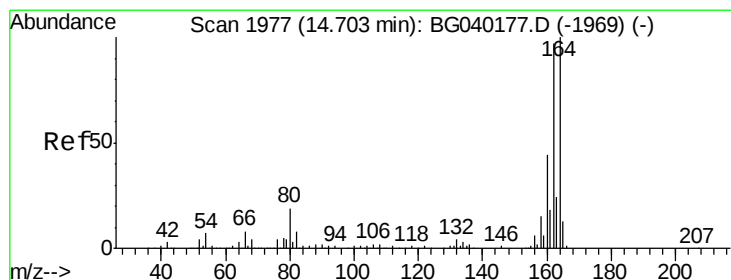
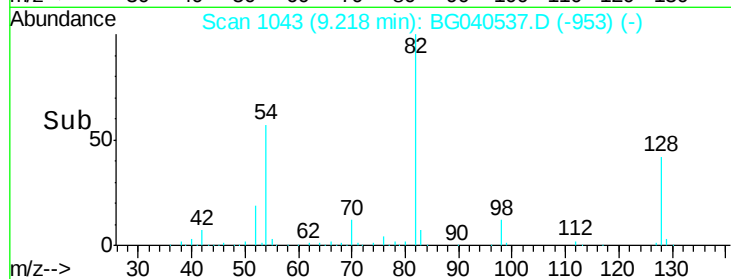
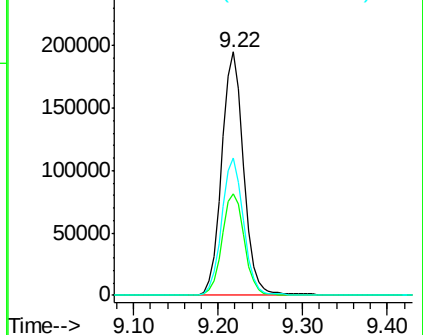
#23
 Nitrobenzene-d5
 Concen: 87.774 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG040537.D
 Acq: 17 Apr 2019 19:49

Instrument :
 BNA_G
 ClientSampleId :
 TP3-S

Tgt Ion: 82 Resp: 351452
 Ion Ratio Lower Upper
 82 100
 128 41.9 35.8 53.8
 54 56.6 46.2 69.2

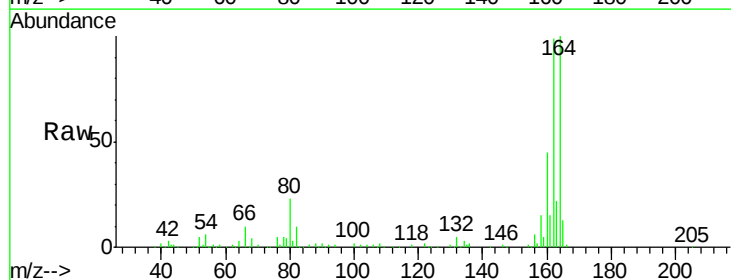


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

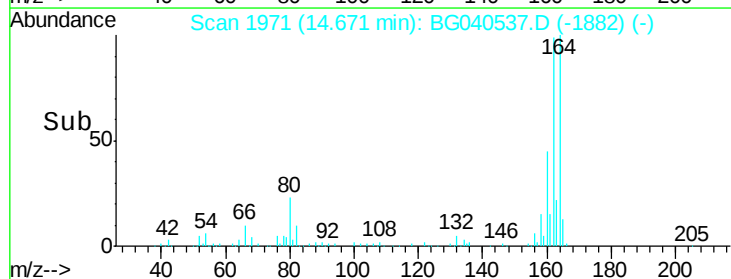
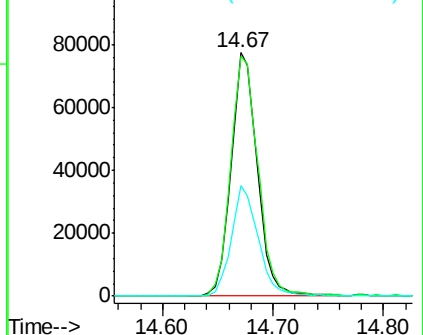


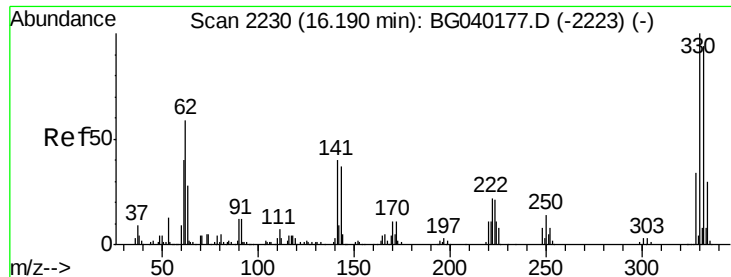
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BG040537.D
 Acq: 17 Apr 2019 19:49

Tgt Ion: 164 Resp: 129064
 Ion Ratio Lower Upper
 164 100
 162 98.7 77.4 116.2
 160 45.3 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

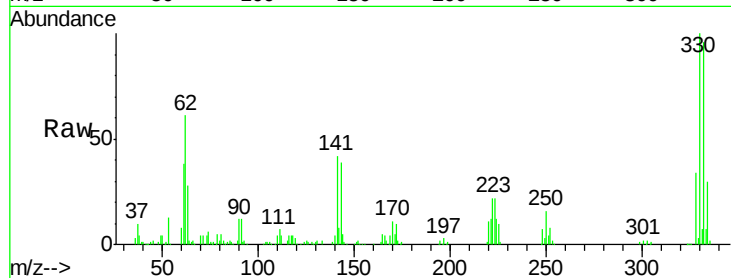




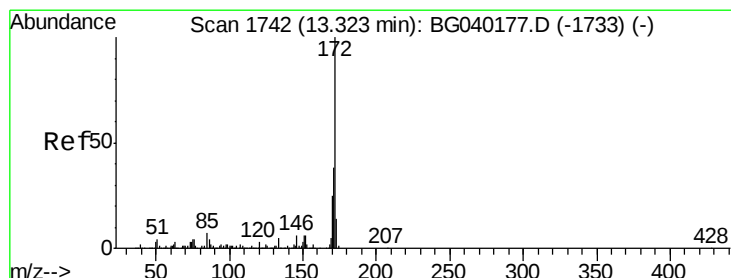
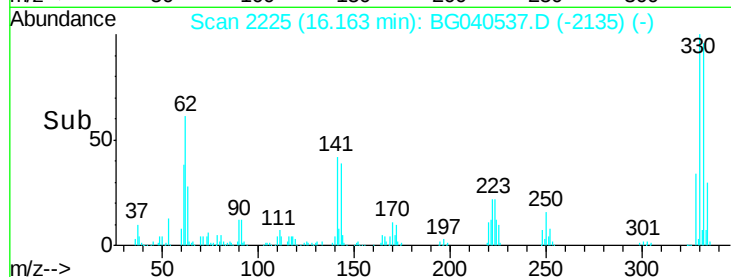
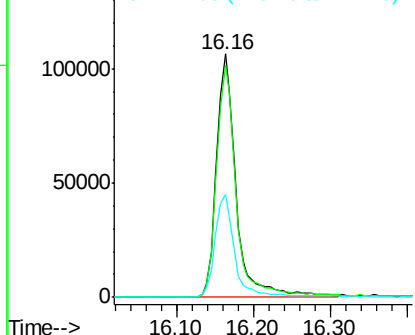
#42
 2,4,6-Tribromophenol
 Concen: 134.459 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG040537.D
 Acq: 17 Apr 2019 19:49

Instrument :
 BNA_G
 ClientSampleId :
 TP3-S

Tgt Ion:330 Resp: 187550
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 40.6 32.6 48.8

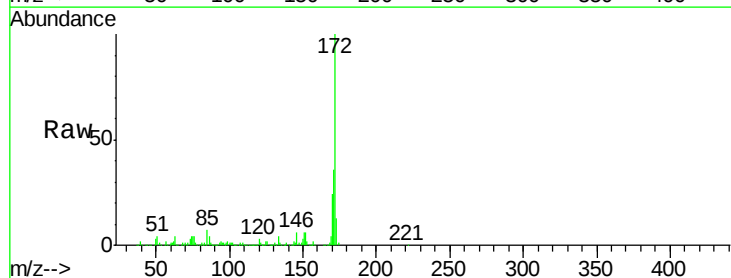


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

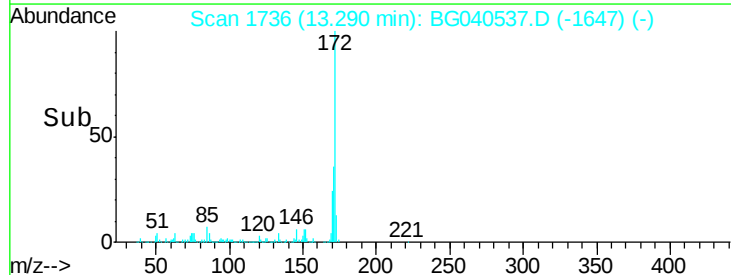
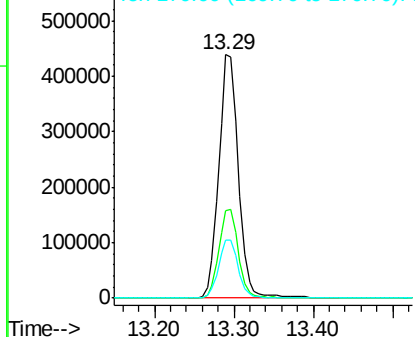


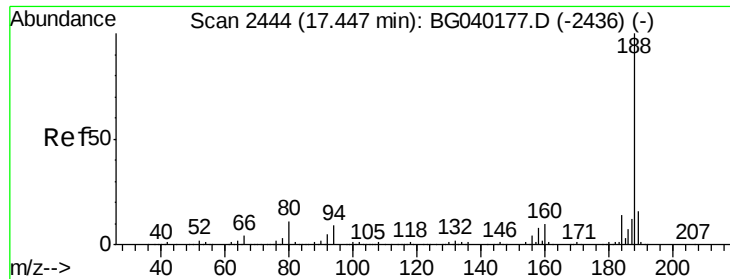
#45
 2-Fluorobiphenyl
 Concen: 86.071 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG040537.D
 Acq: 17 Apr 2019 19:49

Tgt Ion:172 Resp: 749689
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.5 45.7
 170 23.9 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

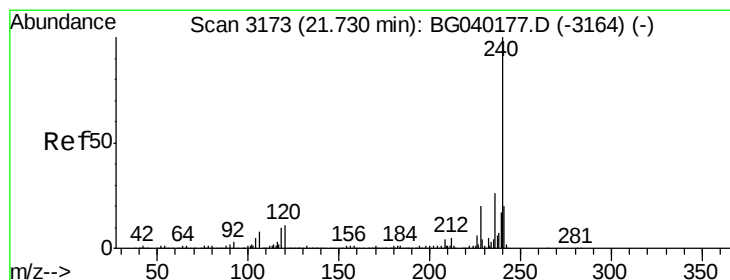
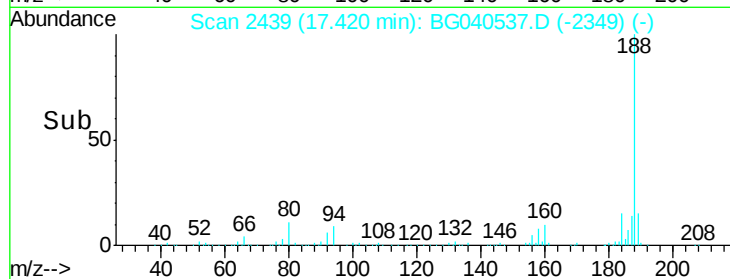
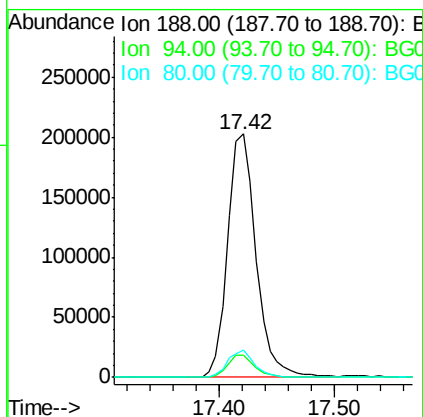
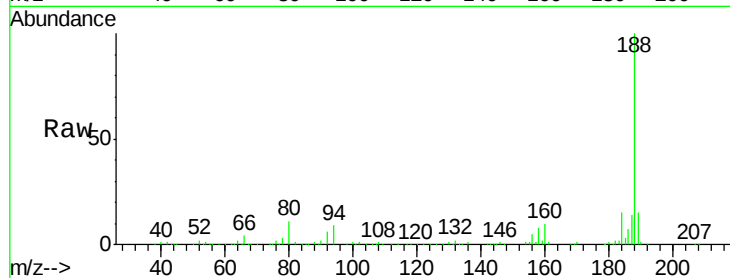




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG040537.D
Acq: 17 Apr 2019 19:49

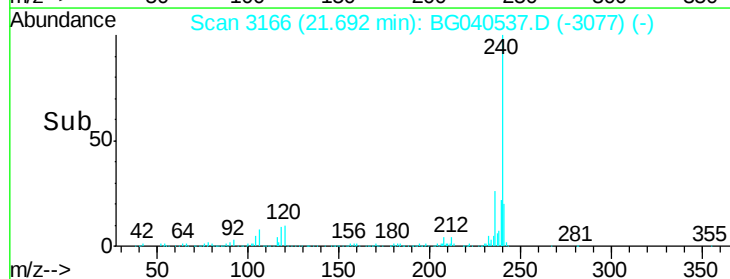
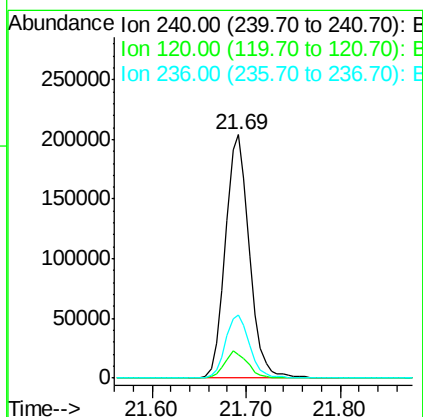
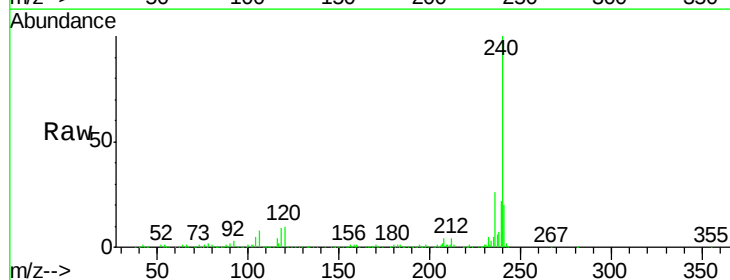
Instrument :
BNA_G
ClientSampled :
TP3-S

Tgt Ion:188 Resp: 347530
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 11.1 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG040537.D
Acq: 17 Apr 2019 19:49

Tgt Ion:240 Resp: 361111
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 26.2 20.8 31.2





#79

Terphenyl-d14

Concen: 85.267 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG040537.D

Acq: 17 Apr 2019 19:49

Instrument :

BNA_G

ClientSampleId :

TP3-S

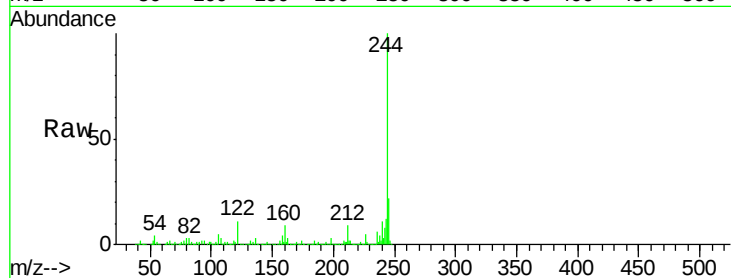
Tgt Ion:244 Resp: 1368694

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

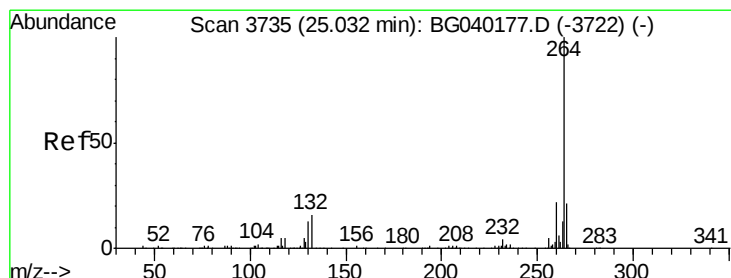
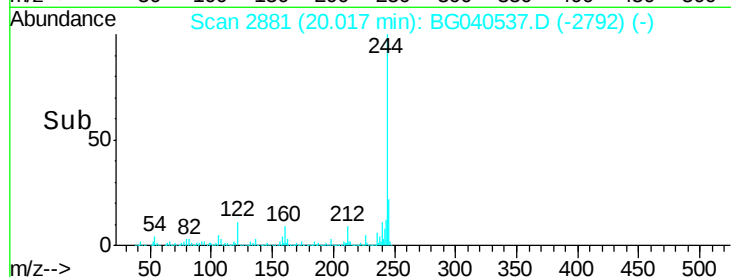
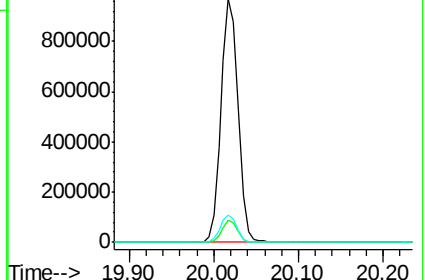
122 11.4 8.5 12.7



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: 24.96 min Scan# 3723

Delta R.T. -0.01 min

Lab File: BG040537.D

Acq: 17 Apr 2019 19:49

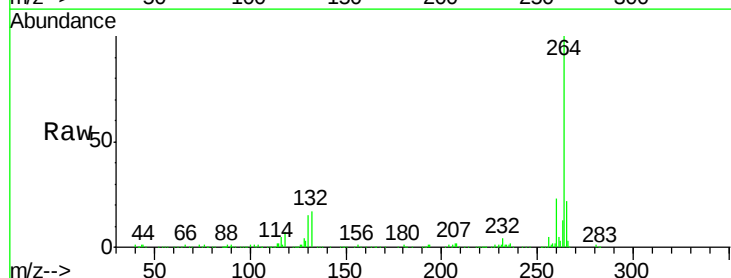
Tgt Ion:264 Resp: 385260

Ion Ratio Lower Upper

264 100

260 23.2 17.9 26.9

265 21.7 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

