

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041519\
 Data File : BG040498.D
 Acq On : 16 Apr 2019 3:00
 Operator : JU/SJ
 Sample : K2397-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-D

Quant Time: Apr 16 04:28:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42320	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	162404	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	101453	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	282738	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	289323	20.00	ng	-0.04
87) Perylene-d12	24.98	264	293904	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	286440	112.52	ng	-0.02
7) Phenol-d6	7.20	99	349458	99.33	ng	-0.03
23) Nitrobenzene-d5	9.22	82	273871	89.64	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	125591	114.54	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	638401	93.24	ng	-0.03
79) Terphenyl-d14	20.02	244	1191202	92.62	ng	-0.03

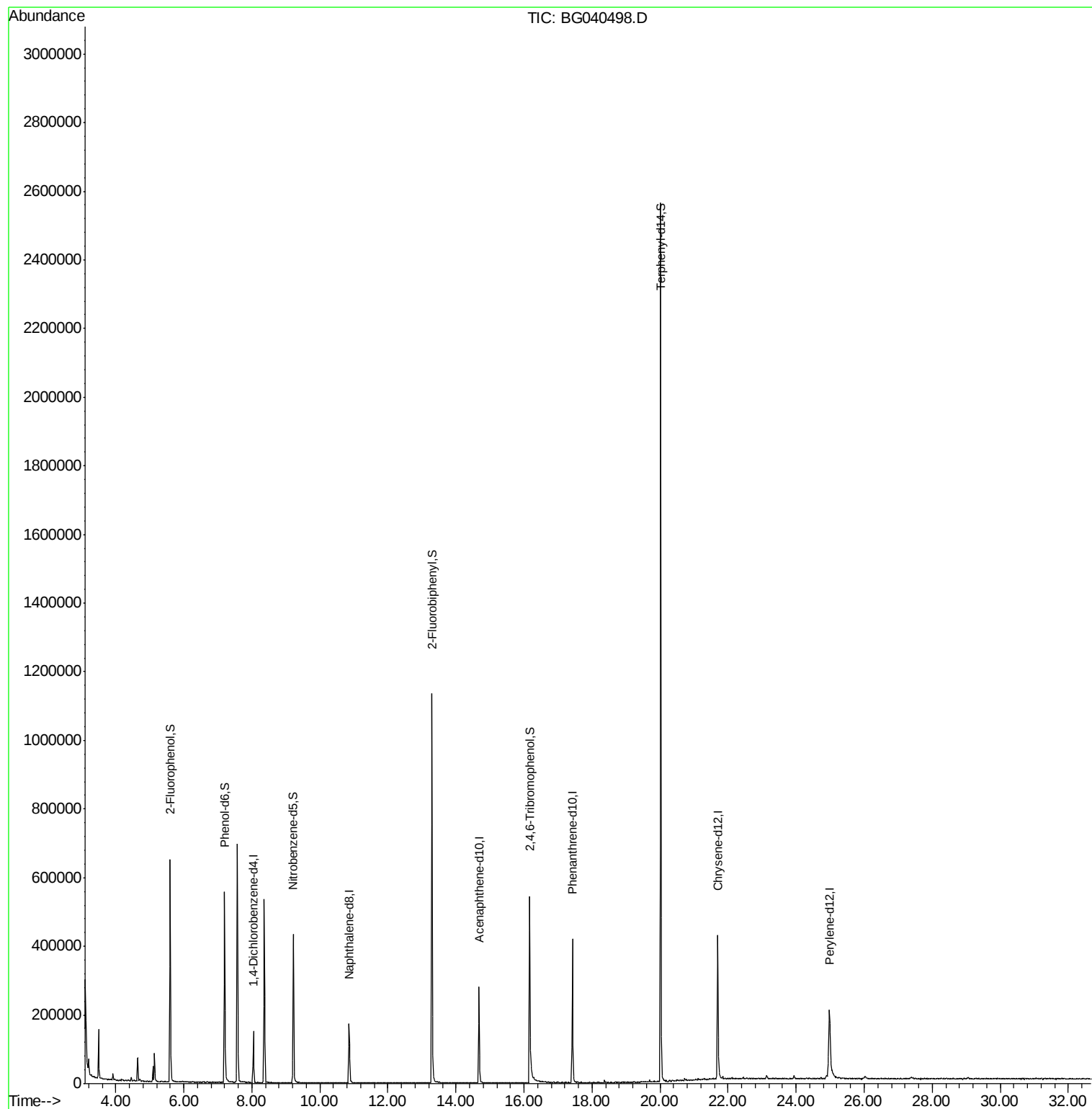
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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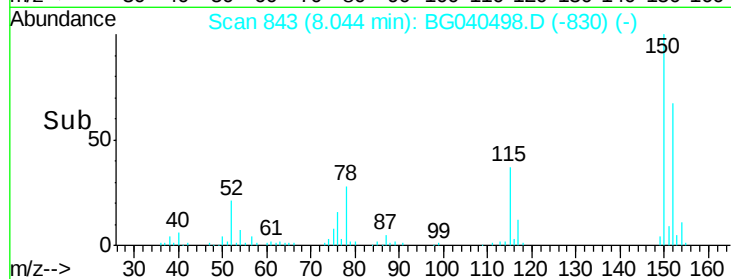
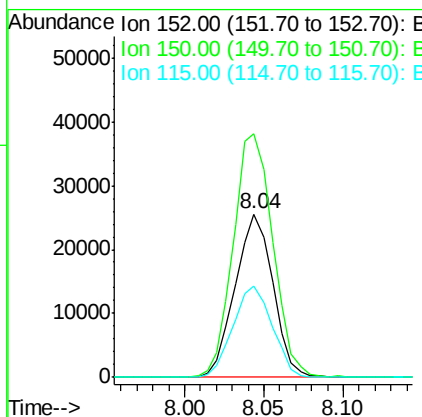
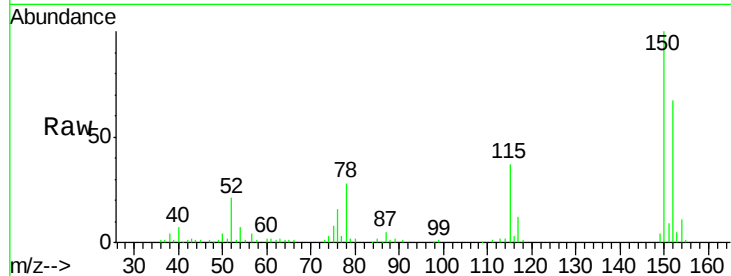


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040498.D
Acq: 16 Apr 2019 3:00

Instrument :
BNA_G
ClientSampleId :
TP-3-D

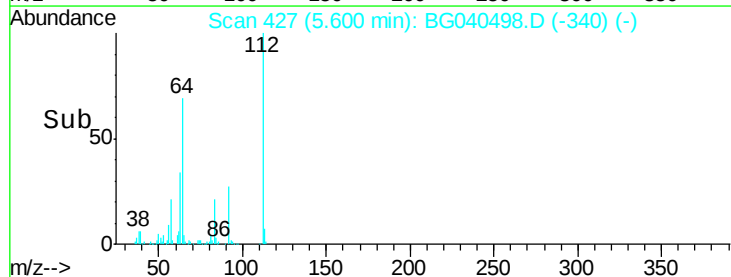
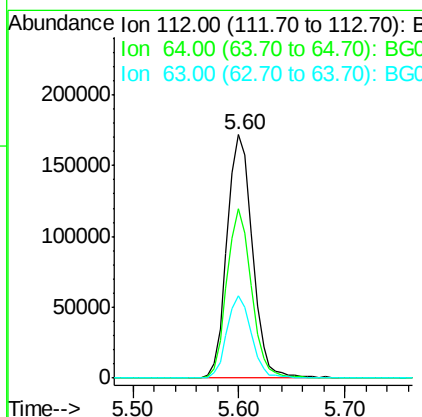
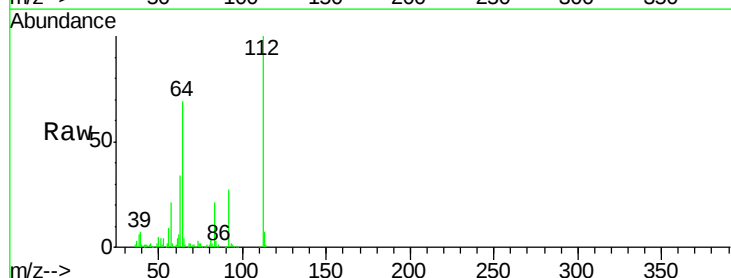
Tgt Ion:152 Resp: 42320
Ion Ratio Lower Upper
152 100
150 149.4 123.7 185.5
115 55.7 46.9 70.3



#5

2-Fluorophenol
Concen: 112.519 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040498.D
Acq: 16 Apr 2019 3:00

Tgt Ion:112 Resp: 286440
Ion Ratio Lower Upper
112 100
64 69.4 54.2 81.2
63 33.7 26.4 39.6





#7

Phenol-d6

Concen: 99.329 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG040498.D

Acq: 16 Apr 2019 3:00

Instrument :

BNA_G

ClientSampled :

TP-3-D

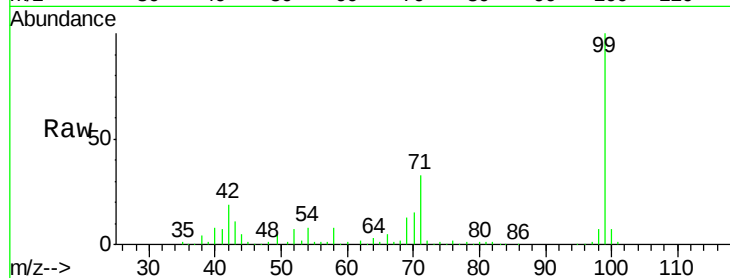
Tgt Ion: 99 Resp: 349458

Ion Ratio Lower Upper

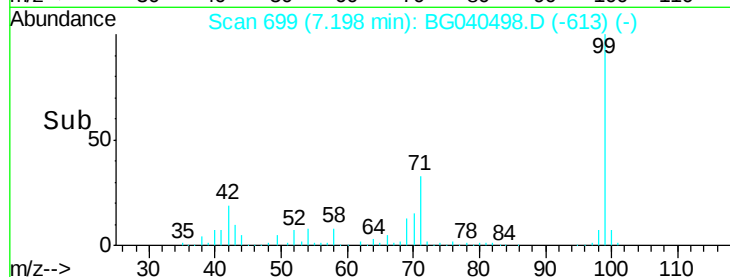
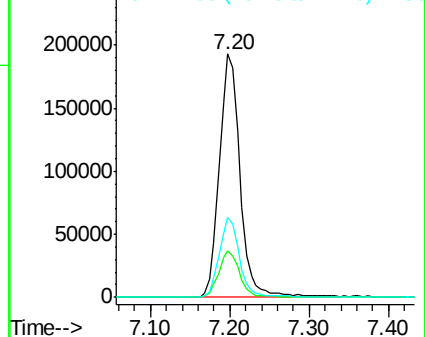
99 100

42 19.1 16.2 24.2

71 32.9 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. -0.03 min

Lab File: BG040498.D

Acq: 16 Apr 2019 3:00

Tgt Ion: 136 Resp: 162404

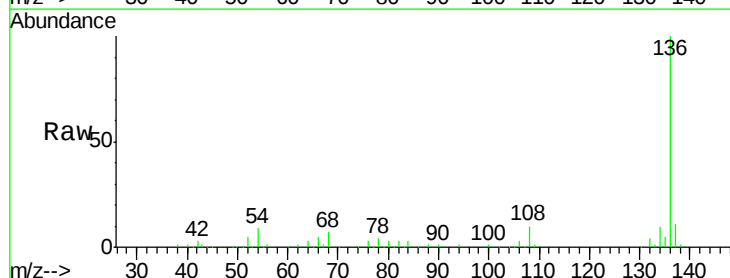
Ion Ratio Lower Upper

136 100

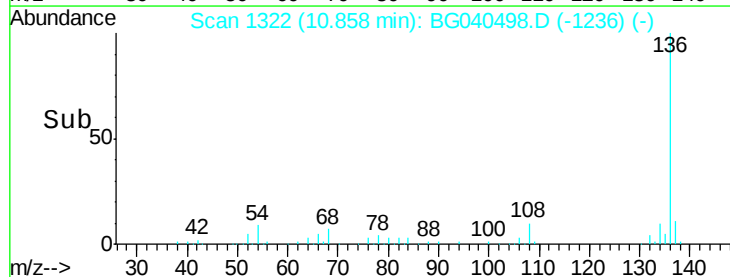
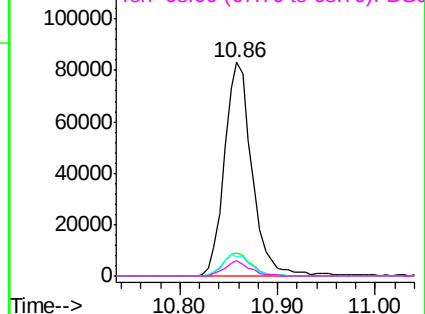
137 11.0 8.9 13.3

54 9.3 9.6 14.4#

68 7.3 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

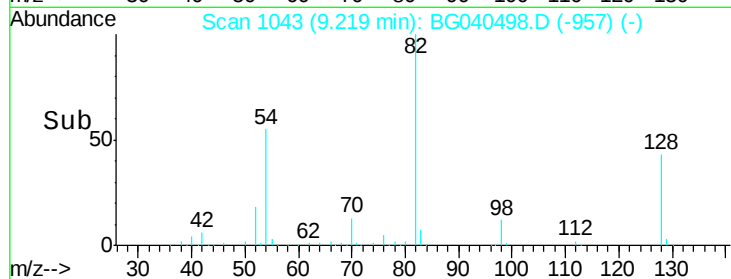
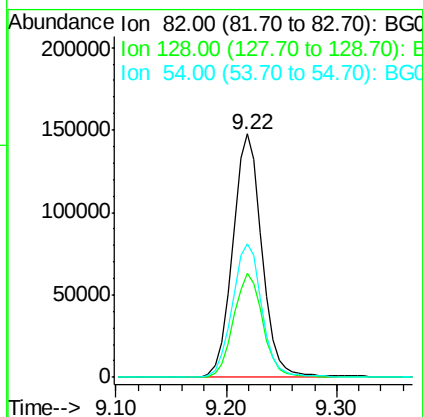
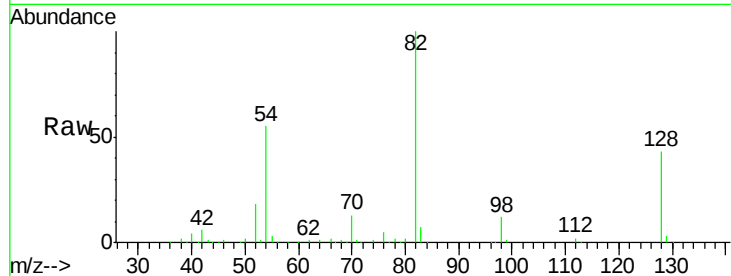




#23
 Nitrobenzene-d5
 Concen: 89.636 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040498.D
 Acq: 16 Apr 2019 3:00

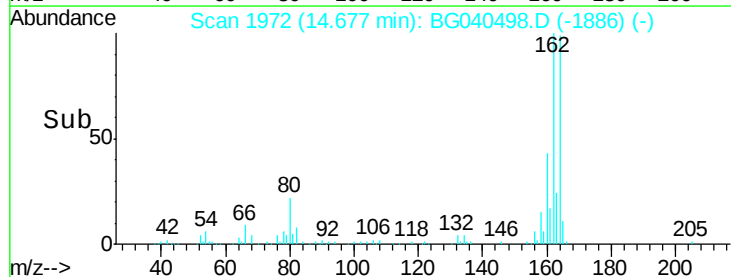
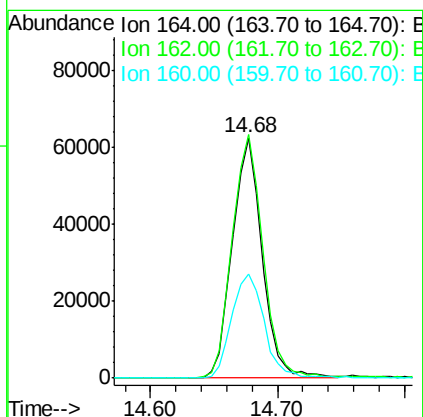
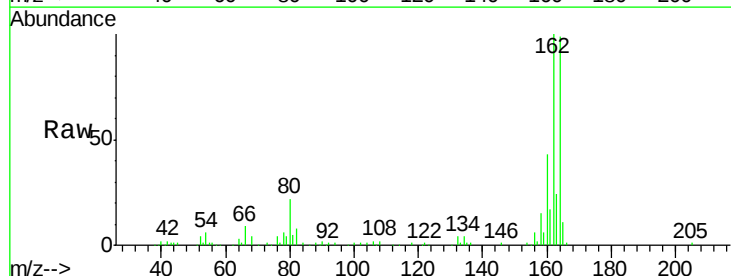
Instrument :
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 TP-3-D

Tgt Ion: 82 Resp: 273871
 Ion Ratio Lower Upper
 82 100
 128 42.6 35.8 53.8
 54 55.0 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040498.D
 Acq: 16 Apr 2019 3:00

Tgt Ion: 164 Resp: 101453
 Ion Ratio Lower Upper
 164 100
 162 101.3 77.4 116.2
 160 43.4 35.3 52.9

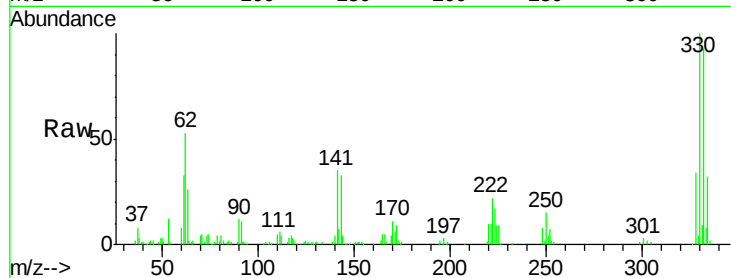




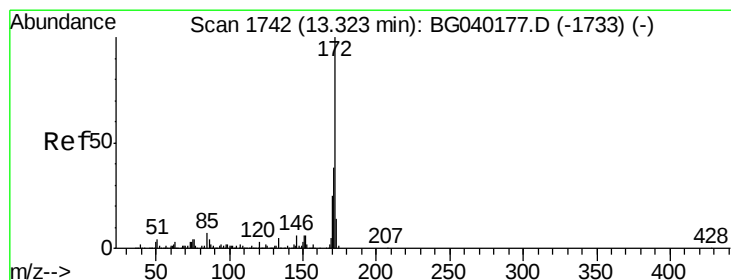
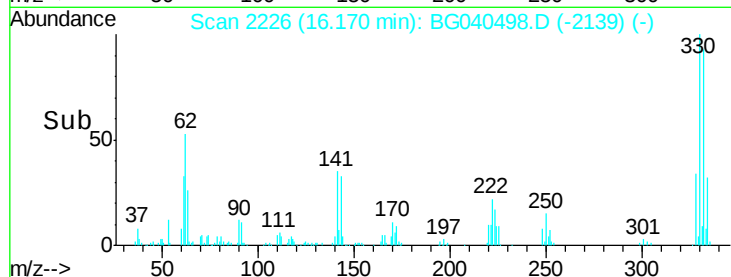
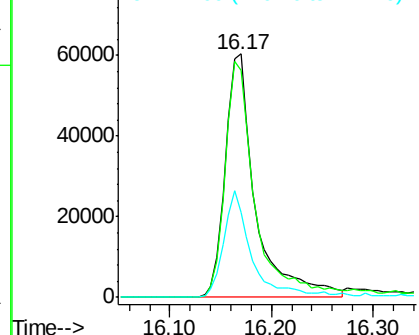
#42
 2,4,6-Tribromophenol
 Concen: 114.544 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040498.D
 Acq: 16 Apr 2019 3:00

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-D

Tgt Ion:330 Resp: 125591
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 40.8 32.6 48.8

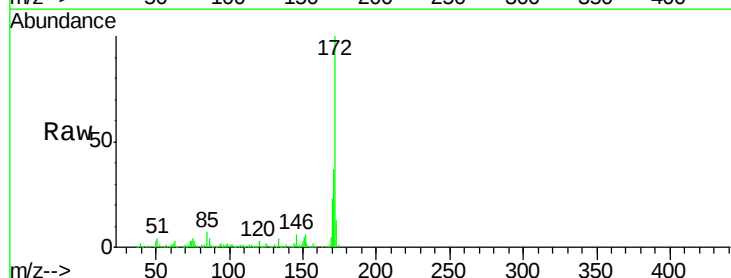


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

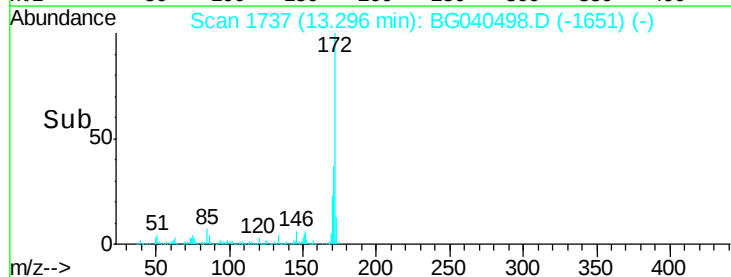
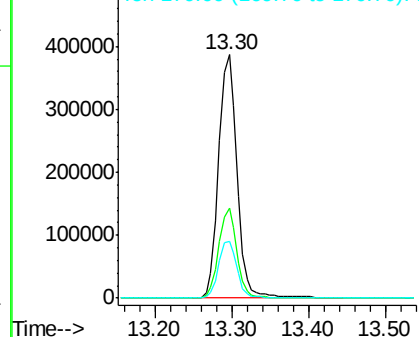


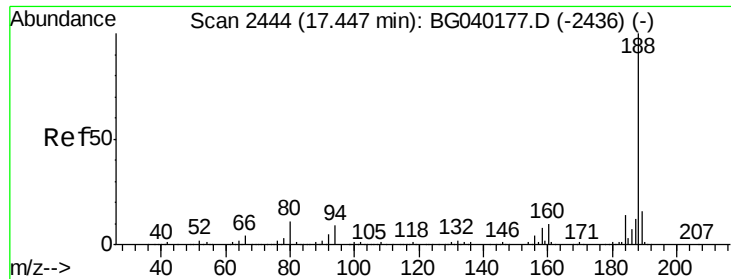
#45
 2-Fluorobiphenyl
 Concen: 93.241 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040498.D
 Acq: 16 Apr 2019 3:00

Tgt Ion:172 Resp: 638401
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.5 45.7
 170 23.4 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. -0.03 min

Lab File: BG040498.D

Acq: 16 Apr 2019 3:00

Instrument :

BNA_G

ClientSampleId :

TP-3-D

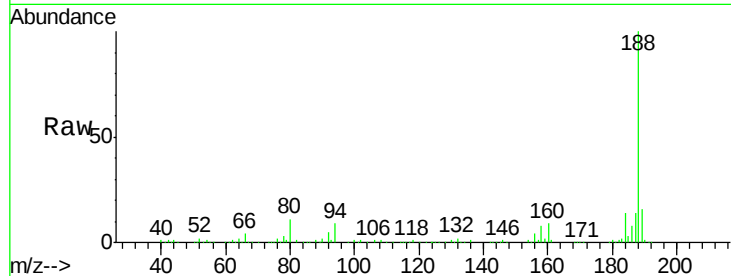
Tgt Ion:188 Resp: 282738

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

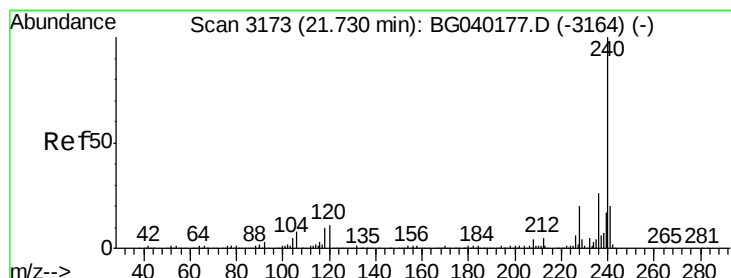
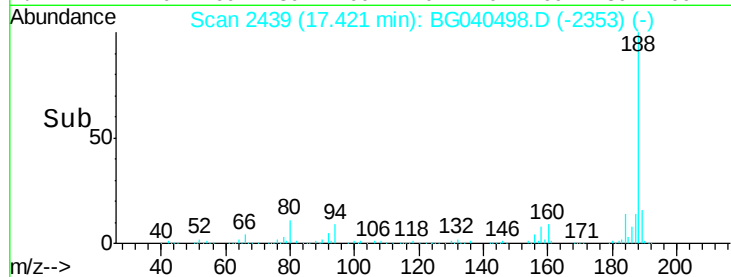
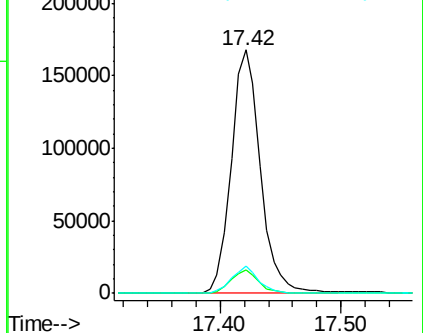
80 11.1 8.6 13.0



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. -0.04 min

Lab File: BG040498.D

Acq: 16 Apr 2019 3:00

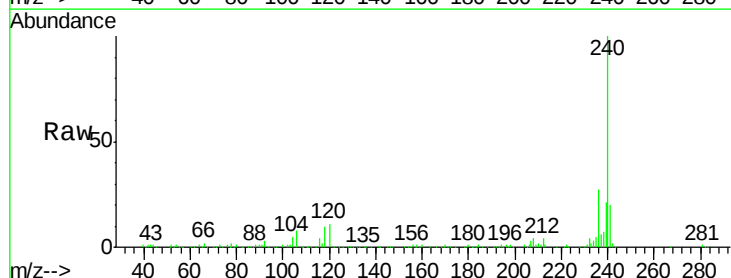
Tgt Ion:240 Resp: 289323

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

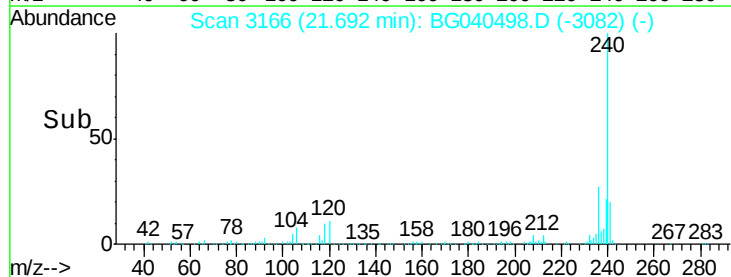
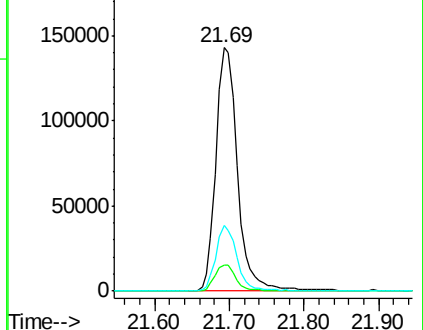
236 27.1 20.8 31.2



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: 92.623 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.03 min

Lab File: BG040498.D

Acq: 16 Apr 2019 3:00

Instrument :

BNA_G

ClientSampleId :

TP-3-D

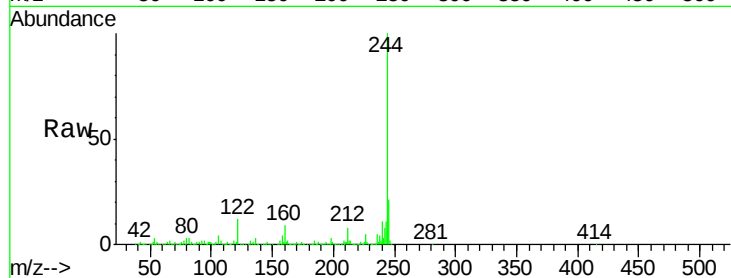
Tgt Ion:244 Resp: 1191202

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

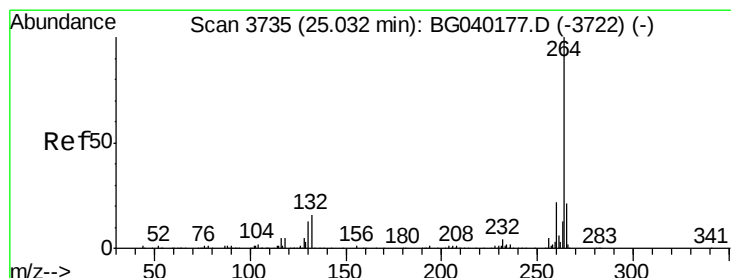
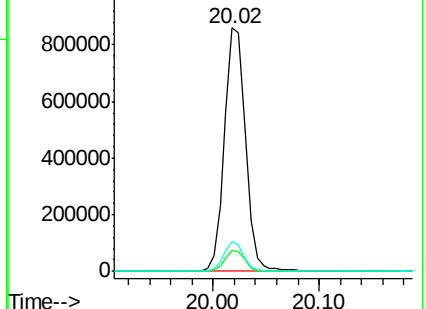
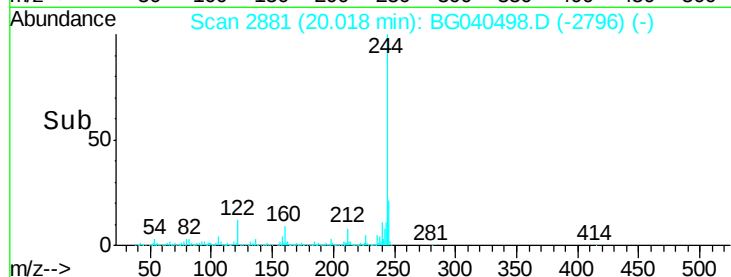
122 12.1 8.5 12.7



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: 24.98 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040498.D

Acq: 16 Apr 2019 3:00

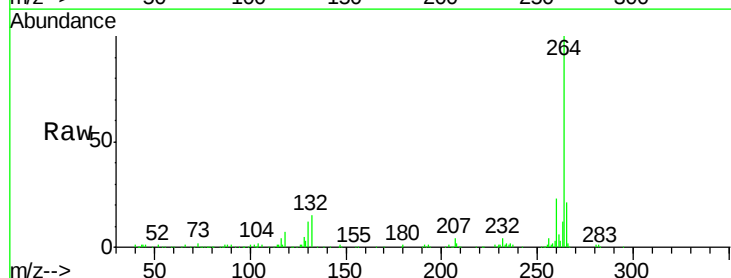
Tgt Ion:264 Resp: 293904

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

265 20.9 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

