

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041219\
 Data File : BG040469.D
 Acq On : 12 Apr 2019 20:10
 Operator : JU/SJ
 Sample : PB118855BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118855BL

Quant Time: Apr 13 00:45:49 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	8.05	152	33287	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	128643	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	84041	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	221147	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	226606	20.00	ng	-0.04
87) Perylene-d12	24.97	264	253745	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	234472	117.10	ng	-0.02
7) Phenol-d6	7.20	99	320035	115.65	ng	-0.02
23) Nitrobenzene-d5	9.22	82	189000	78.09	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	109329	120.37	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	448916	79.15	ng	-0.02
79) Terphenyl-d14	20.02	244	858380	85.22	ng	-0.03

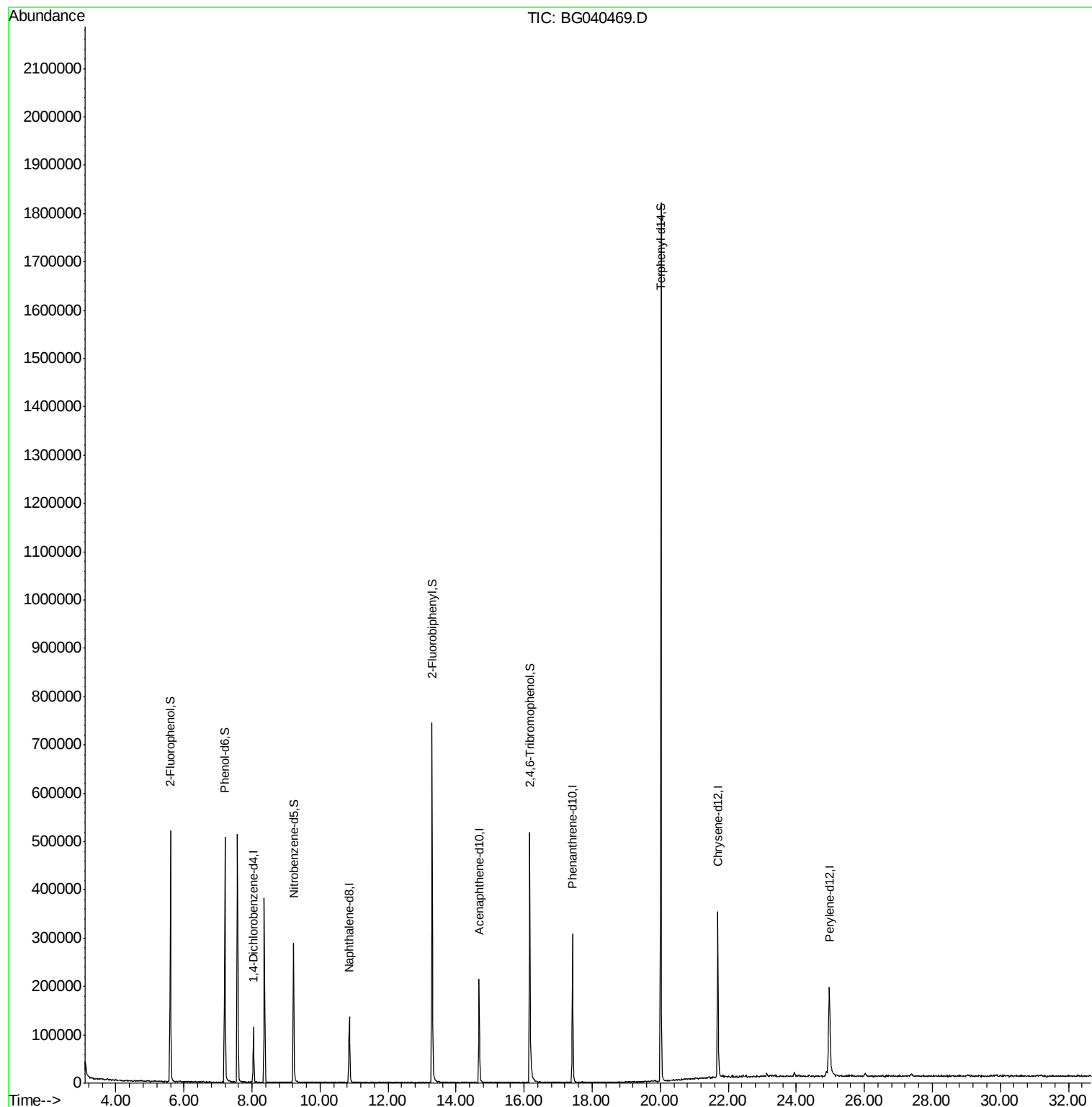
Target Compounds	Qvalue
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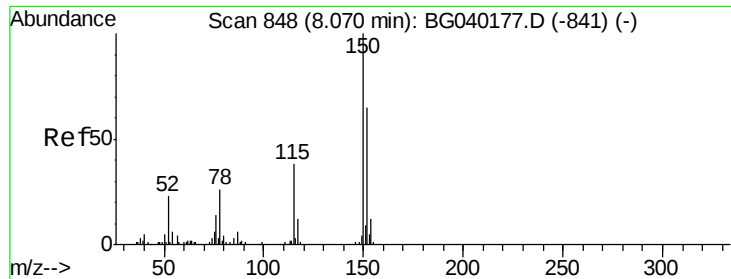
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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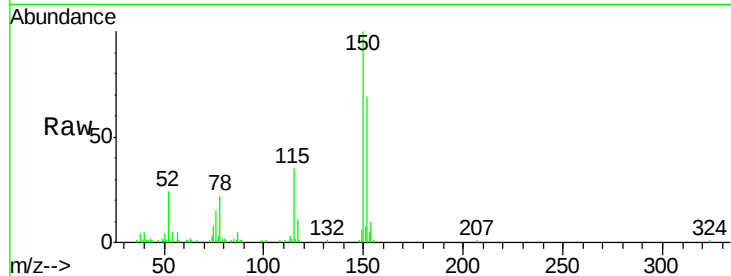


#1

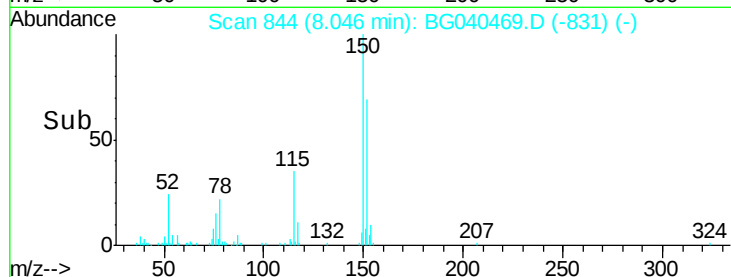
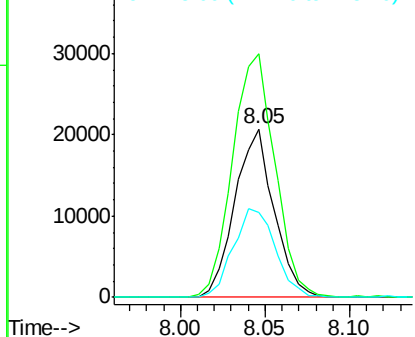
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040469.D
Acq: 12 Apr 2019 20:10

Instrument :
BNA_G
ClientSampleId :
PB118855BL

Tgt Ion:152 Resp: 33287
Ion Ratio Lower Upper
152 100
150 144.8 123.7 185.5
115 50.4 46.9 70.3



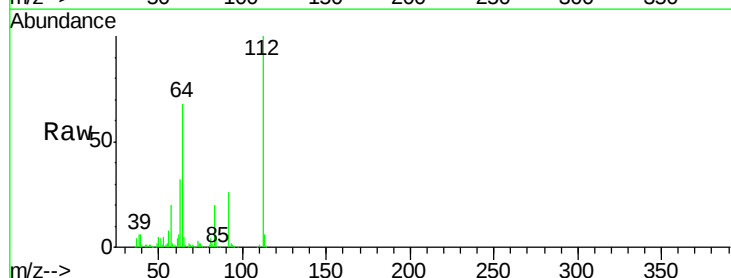
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



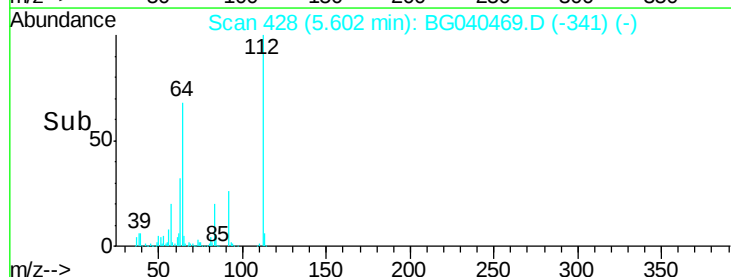
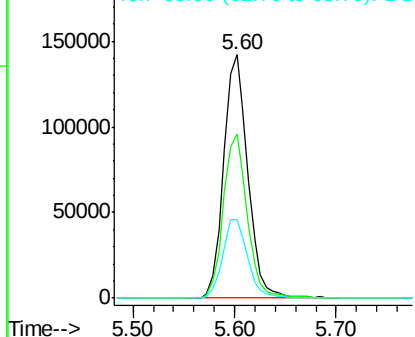
#5

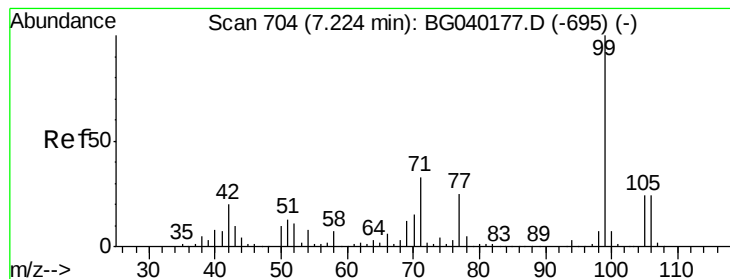
2-Fluorophenol
Concen: 117.099 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040469.D
Acq: 12 Apr 2019 20:10

Tgt Ion:112 Resp: 234472
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.2
63 32.0 26.4 39.6



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: 115.651 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Instrument :

BNA_G

ClientSampleId :

PB118855BL

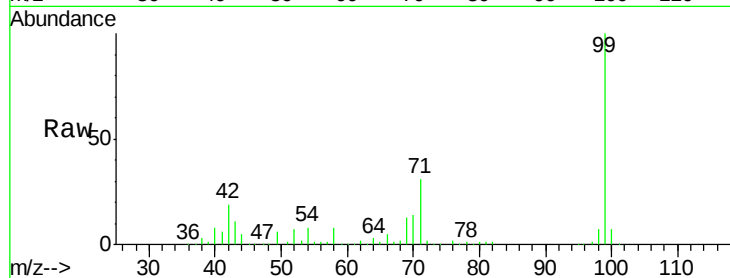
Tgt Ion: 99 Resp: 320035

Ion Ratio Lower Upper

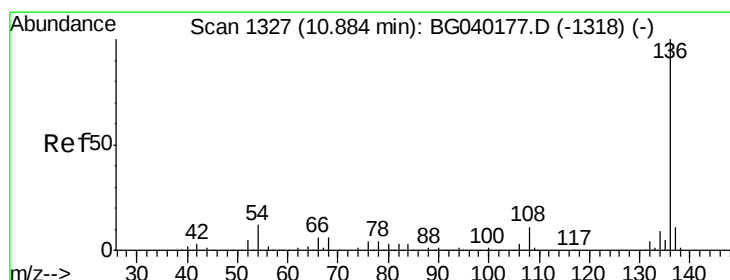
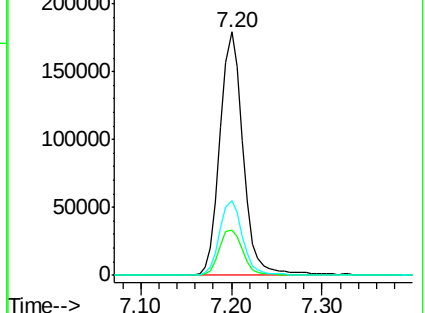
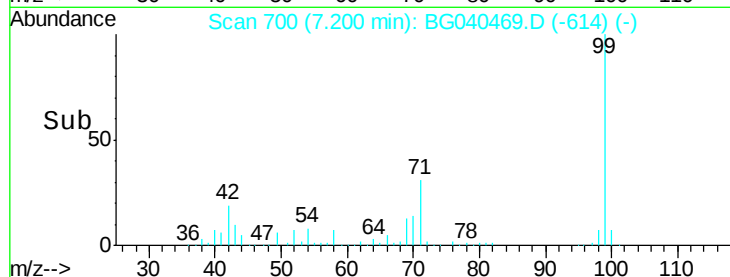
99 100

42 18.8 16.2 24.2

71 30.6 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# 1323

Delta R.T. -0.02 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Tgt Ion: 136 Resp: 128643

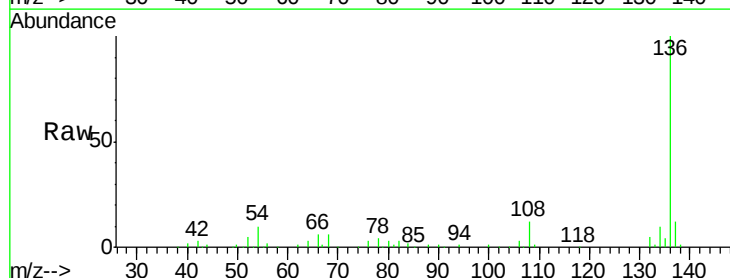
Ion Ratio Lower Upper

136 100

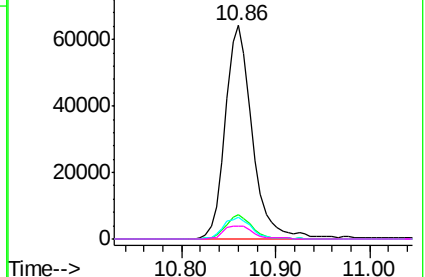
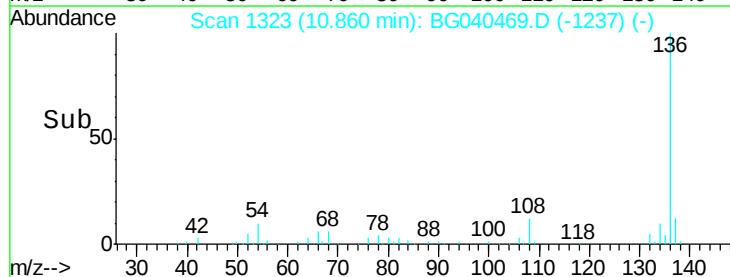
137 11.5 8.9 13.3

54 10.1 9.6 14.4

68 6.3 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

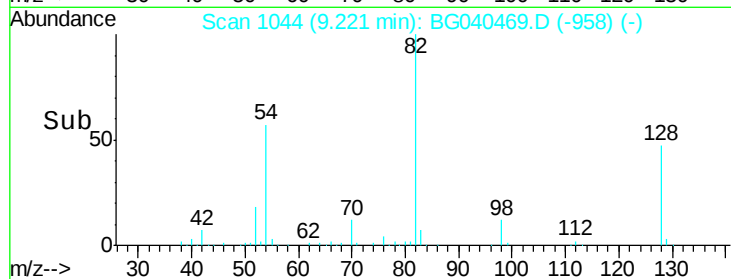
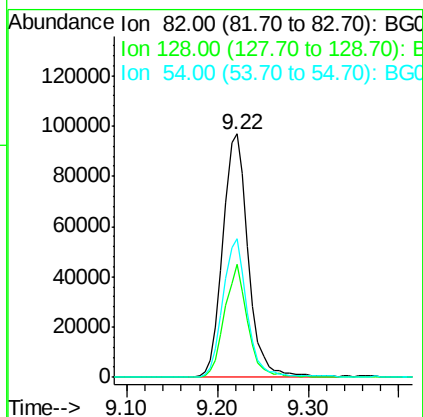
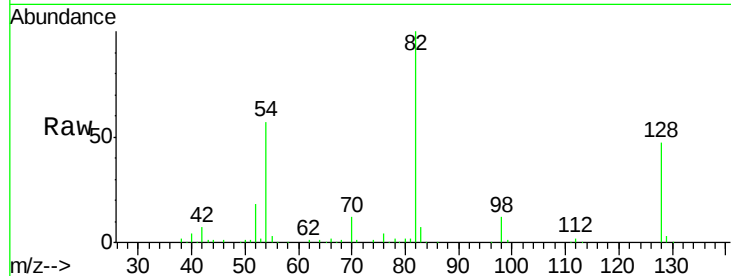




#23
 Nitrobenzene-d5
 Concen: 78.092 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040469.D
 Acq: 12 Apr 2019 20:10

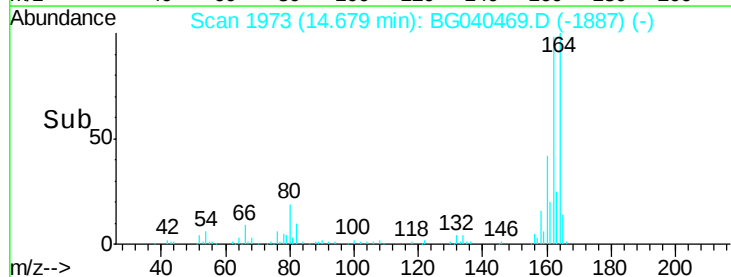
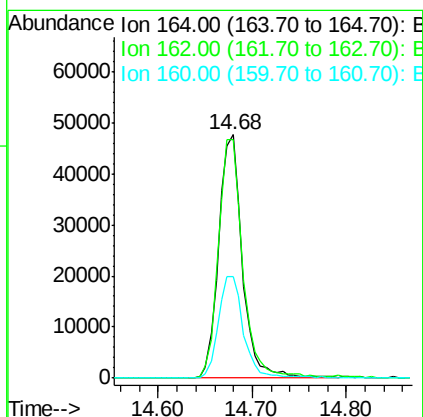
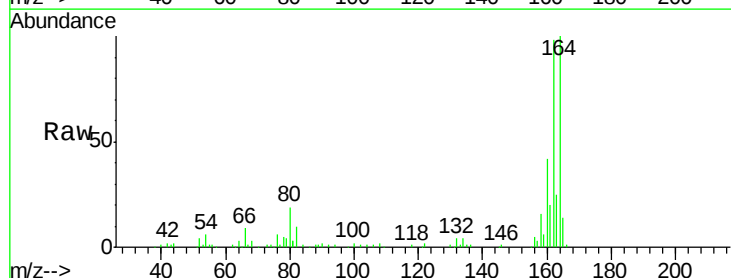
Instrument :
 BNA_G
 ClientSampleId :
 PB118855BL

Tgt Ion: 82 Resp: 189000
 Ion Ratio Lower Upper
 82 100
 128 46.6 35.8 53.8
 54 57.1 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG040469.D
 Acq: 12 Apr 2019 20:10

Tgt Ion: 164 Resp: 84041
 Ion Ratio Lower Upper
 164 100
 162 97.8 77.4 116.2
 160 41.9 35.3 52.9

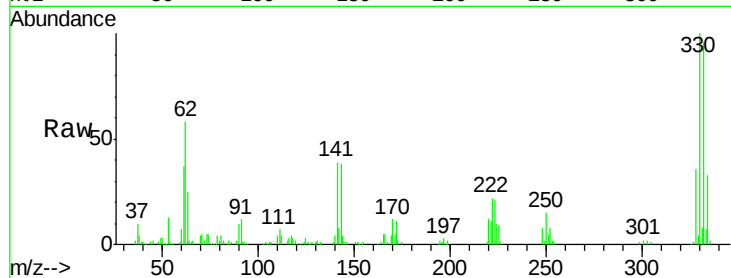




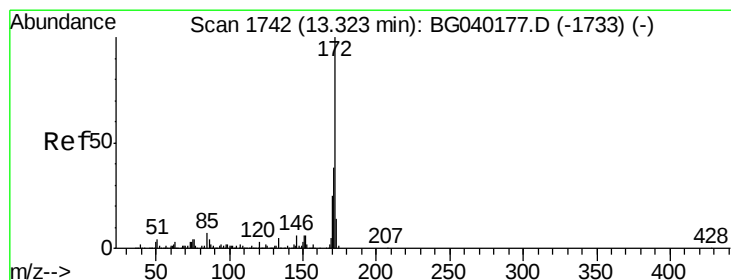
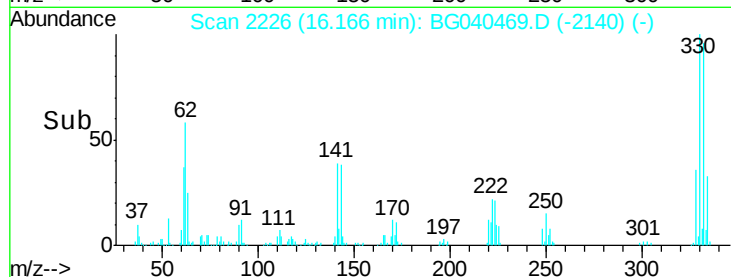
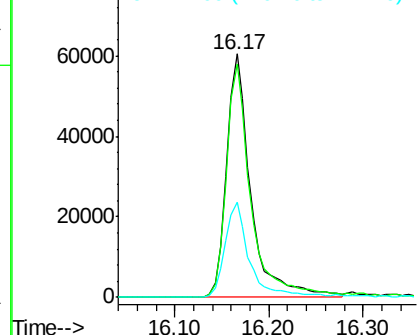
#42
 2,4,6-Tribromophenol
 Concen: 120.371 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040469.D
 Acq: 12 Apr 2019 20:10

Instrument :
 BNA_G
 ClientSampleId :
 PB118855BL

Tgt Ion:330 Resp: 109329
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 39.2 32.6 48.8

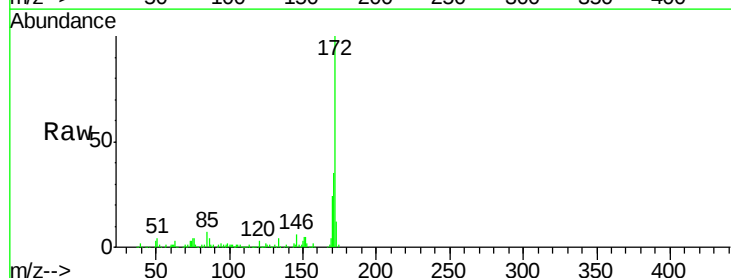


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

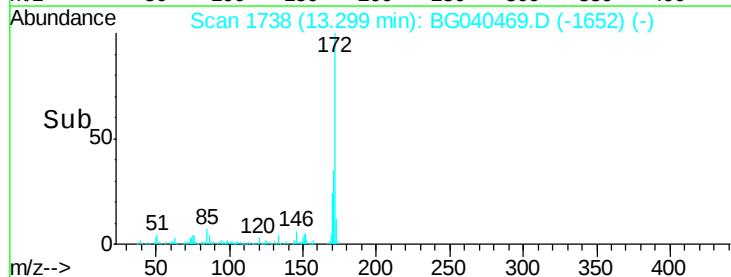
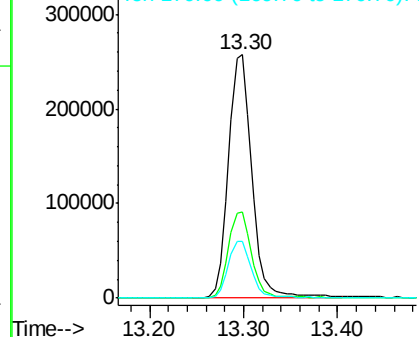


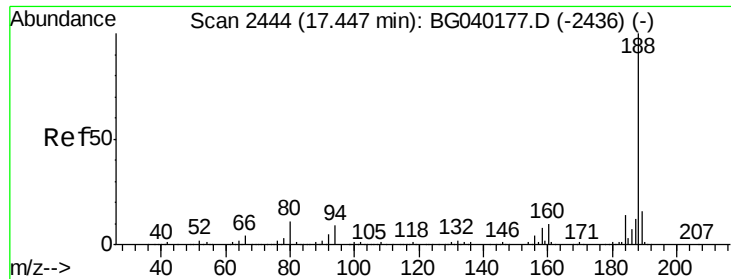
#45
 2-Fluorobiphenyl
 Concen: 79.150 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040469.D
 Acq: 12 Apr 2019 20:10

Tgt Ion:172 Resp: 448916
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.5 45.7
 170 23.5 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# 2440

Delta R.T. -0.02 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Instrument :

BNA_G

ClientSampleId :

PB118855BL

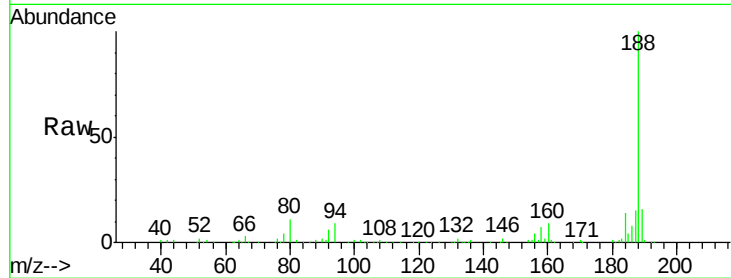
Tgt Ion:188 Resp: 221147

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

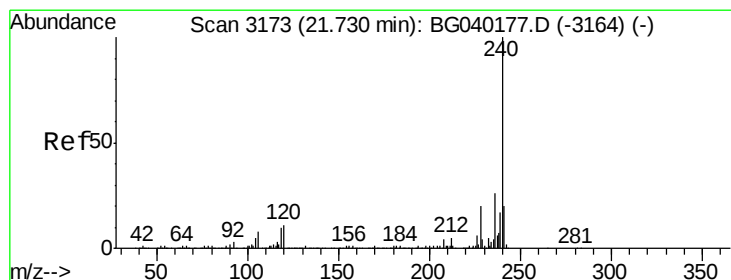
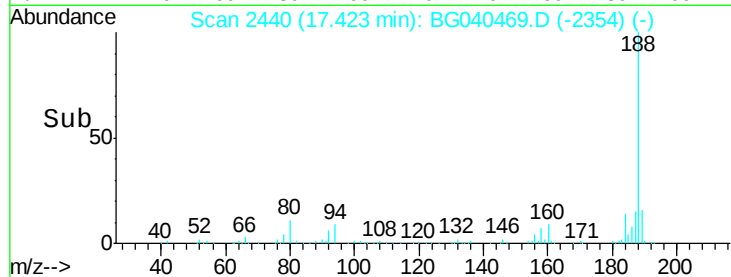
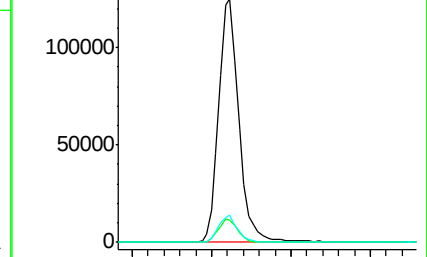
80 11.1 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

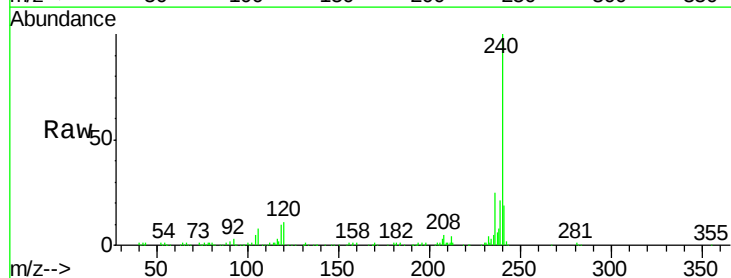
Tgt Ion:240 Resp: 226606

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

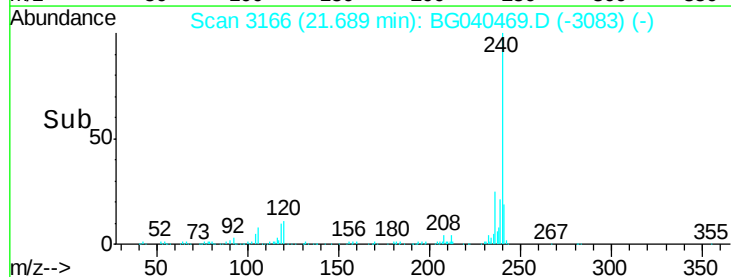
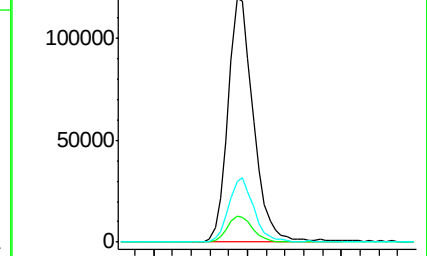
236 25.1 20.8 31.2



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: 85.217 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

Instrument :

BNA_G

ClientSampleId :

PB118855BL

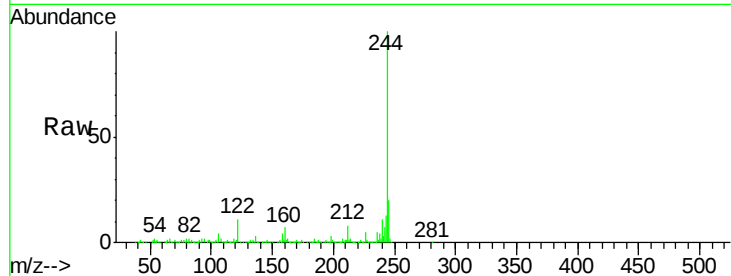
Tgt Ion:244 Resp: 858380

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.6

122 10.7 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

800000

600000

400000

200000

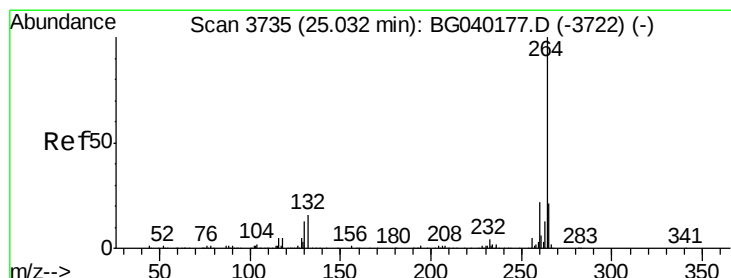
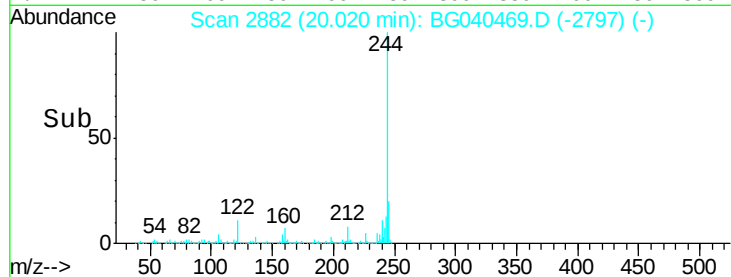
0

20.02

20.00

20.10

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040469.D

Acq: 12 Apr 2019 20:10

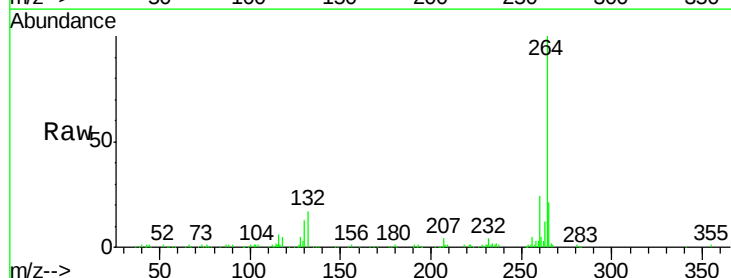
Tgt Ion:264 Resp: 253745

Ion Ratio Lower Upper

264 100

260 23.9 17.9 26.9

265 20.7 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

80000

60000

40000

20000

0

24.97

24.80

25.00

25.20

Time-->

