

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041519\
 Data File : BG040488.D
 Acq On : 15 Apr 2019 20:20
 Operator : JU/SJ
 Sample : K2397-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Apr 16 02:33:15 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

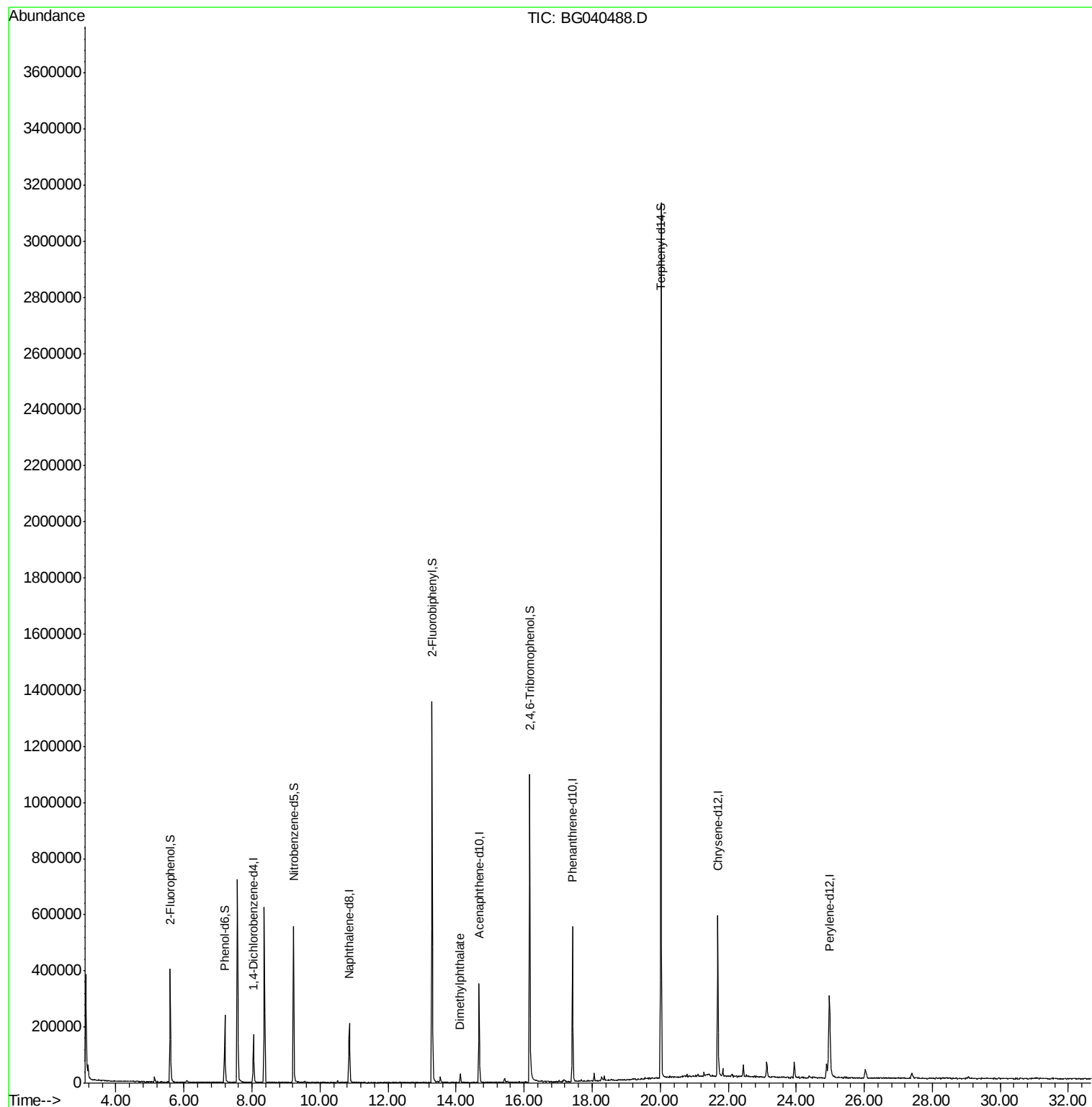
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50430	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	198776	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	126937	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	344201	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	345860	20.00	ng	-0.04
87) Perylene-d12	24.98	264	375327	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	182762	60.25	ng	-0.02
7) Phenol-d6	7.20	99	156205	37.26	ng	-0.02
23) Nitrobenzene-d5	9.22	82	353188	94.44	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	214929	156.67	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	773594	90.30	ng	-0.02
79) Terphenyl-d14	20.02	244	1420385	92.39	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.12	163	22353	2.250	ng	Qvalue # 93

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

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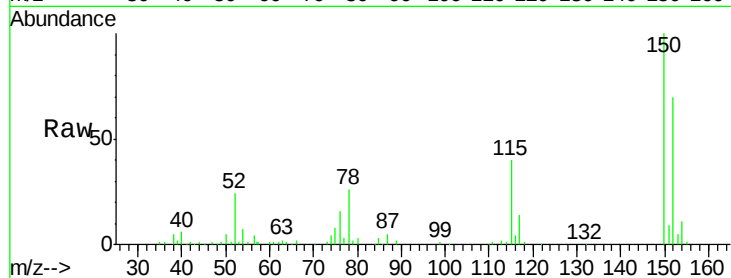


#1

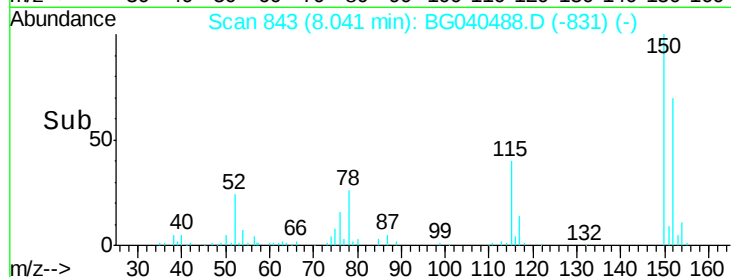
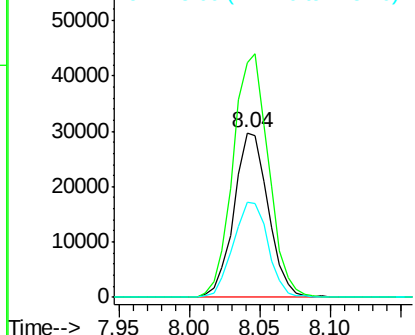
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040488.D
Acq: 15 Apr 2019 20:20

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 50430
Ion Ratio Lower Upper
152 100
150 142.1 123.7 185.5
115 57.4 46.9 70.3



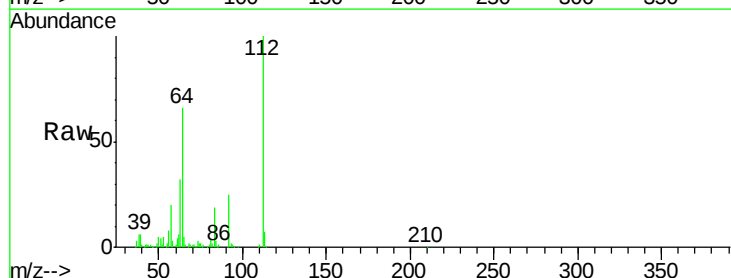
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



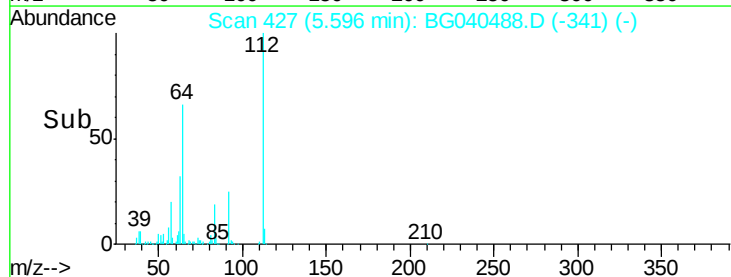
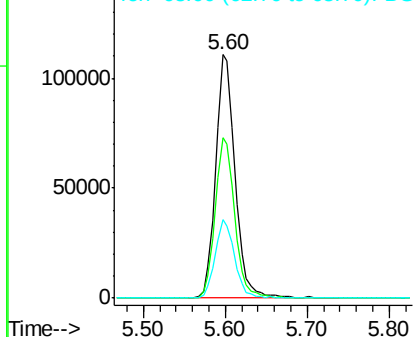
#5

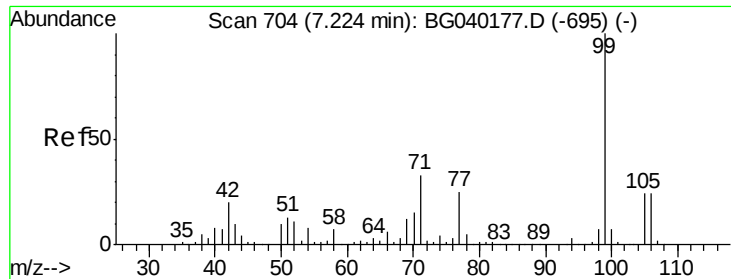
2-Fluorophenol
Concen: 60.247 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040488.D
Acq: 15 Apr 2019 20:20

Tgt Ion:112 Resp: 182762
Ion Ratio Lower Upper
112 100
64 65.6 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: 37.259 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040488.D

Acq: 15 Apr 2019 20:20

Instrument :

BNA_G

ClientSampled :

TP-3

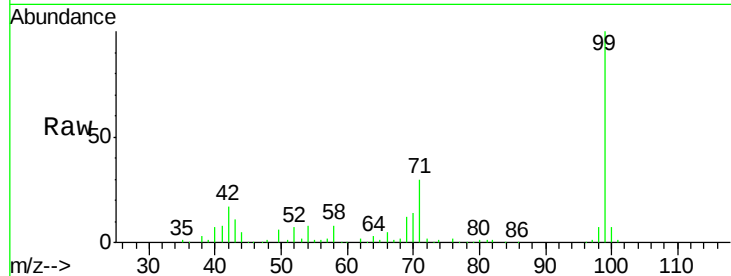
Tgt Ion: 99 Resp: 156205

Ion Ratio Lower Upper

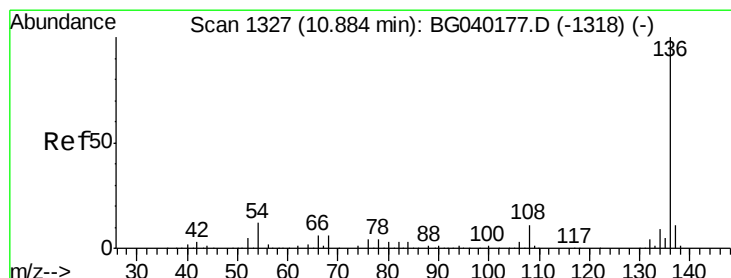
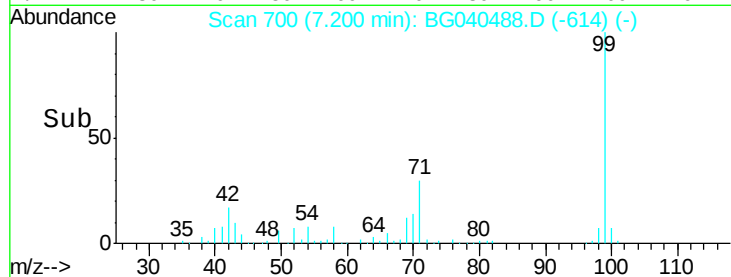
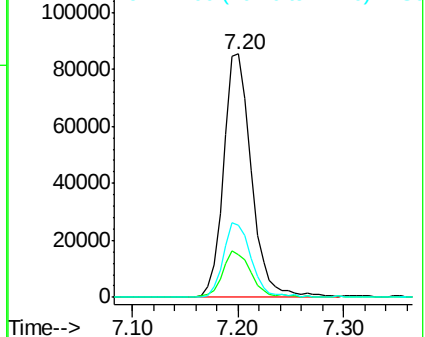
99 100

42 17.5 16.2 24.2

71 29.6 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: BG040488.D

Acq: 15 Apr 2019 20:20

Tgt Ion: 136 Resp: 198776

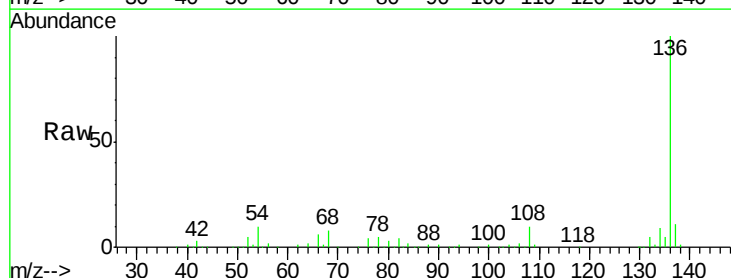
Ion Ratio Lower Upper

136 100

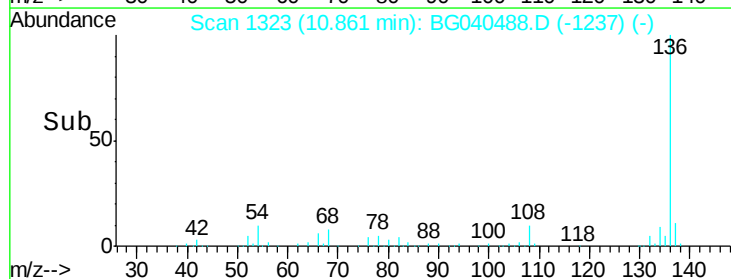
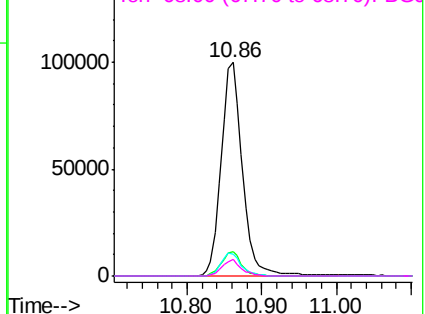
137 11.2 8.9 13.3

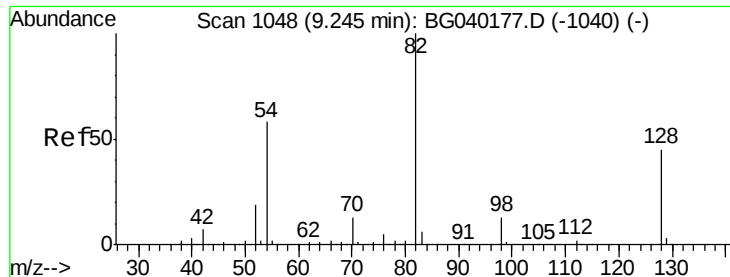
54 10.3 9.6 14.4

68 7.6 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

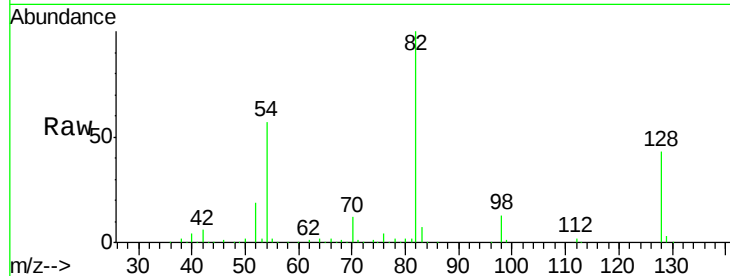




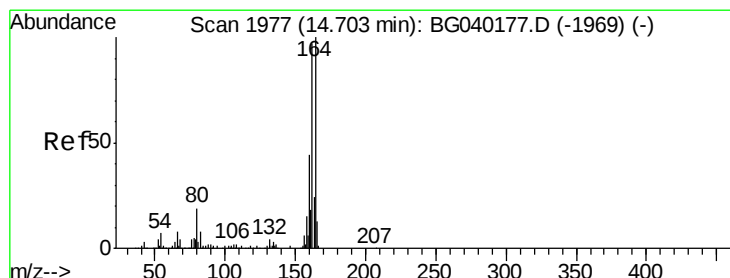
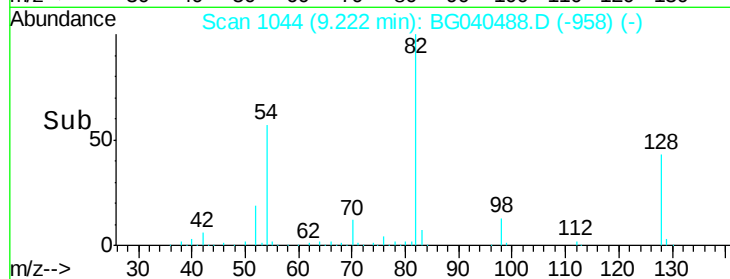
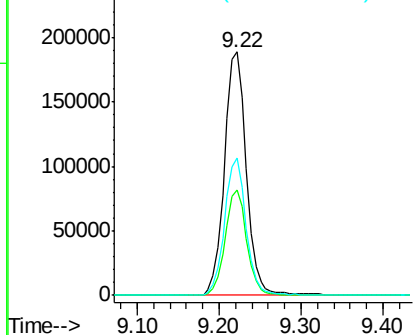
#23
 Nitrobenzene-d5
 Concen: 94.444 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040488.D
 Acq: 15 Apr 2019 20:20

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion: 82 Resp: 353188
 Ion Ratio Lower Upper
 82 100
 128 43.2 35.8 53.8
 54 56.6 46.2 69.2

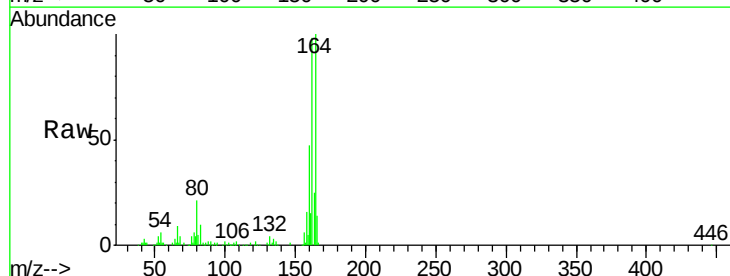


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

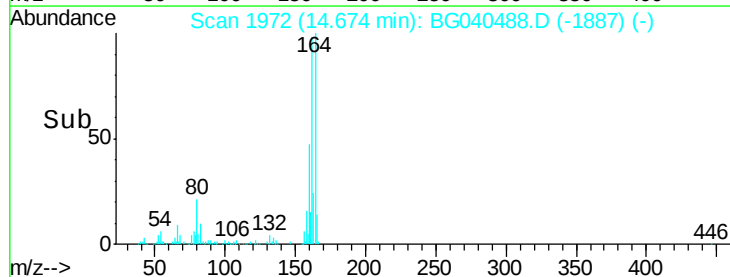
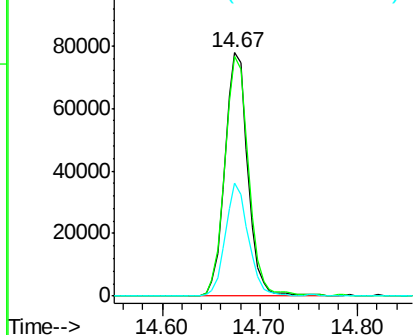


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040488.D
 Acq: 15 Apr 2019 20:20

Tgt Ion: 164 Resp: 126937
 Ion Ratio Lower Upper
 164 100
 162 98.5 77.4 116.2
 160 46.6 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

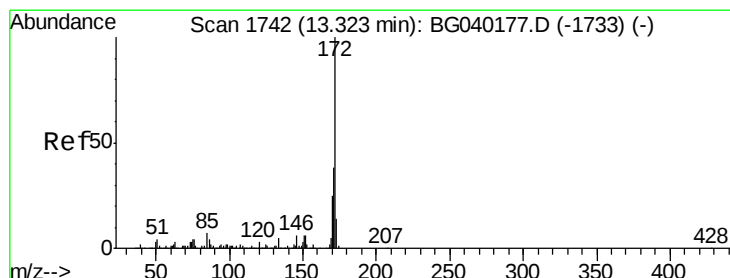
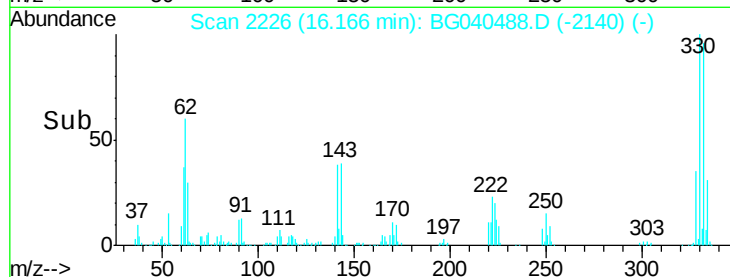
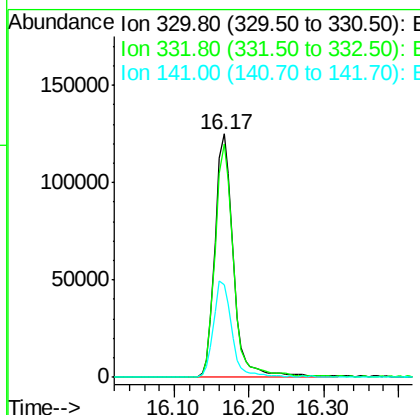
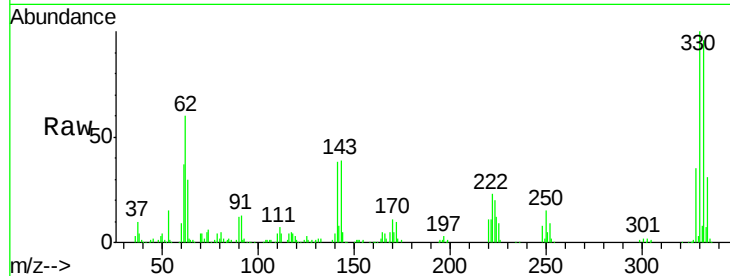




#42
 2,4,6-Tribromophenol
 Concen: 156.670 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040488.D
 Acq: 15 Apr 2019 20:20

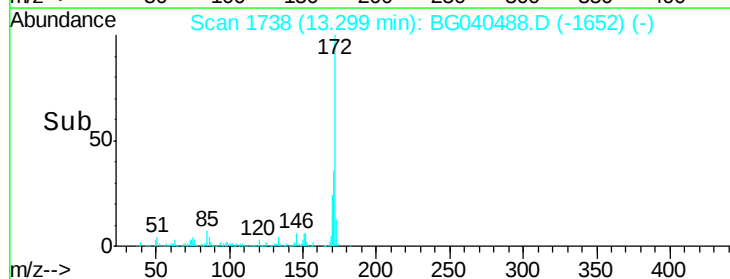
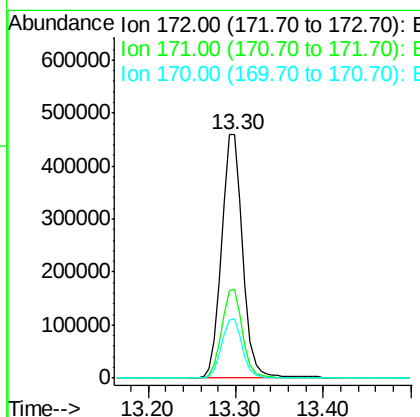
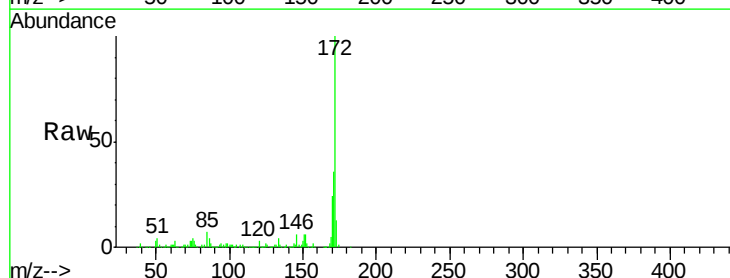
Instrument :
 BNA_G
 ClientSampled :
 TP-3

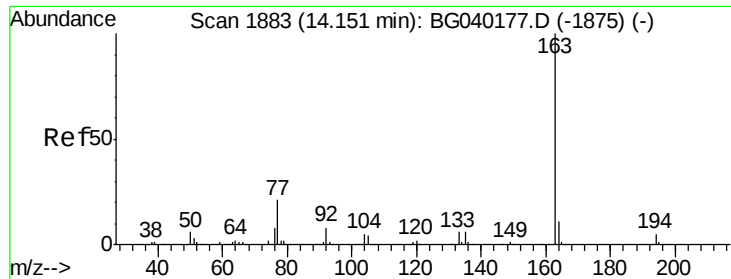
Tgt Ion:330 Resp: 214929
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 39.3 32.6 48.8



#45
 2-Fluorobiphenyl
 Concen: 90.303 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040488.D
 Acq: 15 Apr 2019 20:20

Tgt Ion:172 Resp: 773594
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.5 45.7
 170 24.5 20.1 30.1





#50

Dimethylphthalate

Concen: 2.250 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040488.D

Acq: 15 Apr 2019 20:20

Instrument :

BNA_G

ClientSampleId :

TP-3

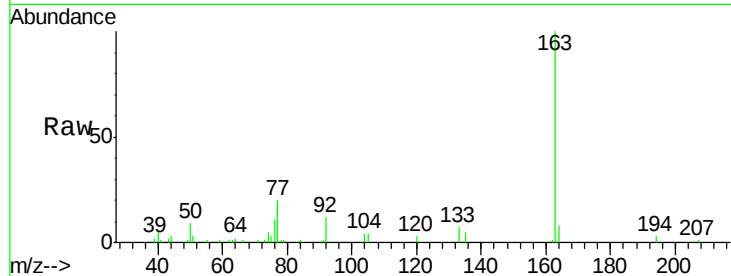
Tgt Ion:163 Resp: 22353

Ion Ratio Lower Upper

163 100

194 3.0 4.1 6.1#

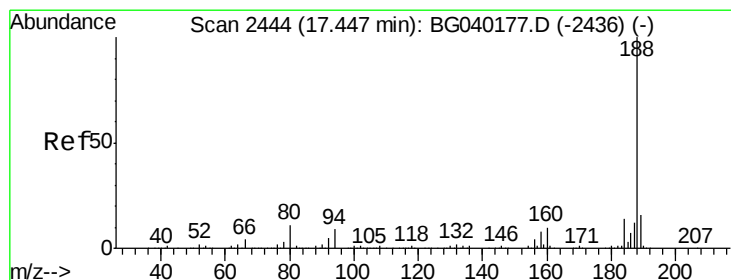
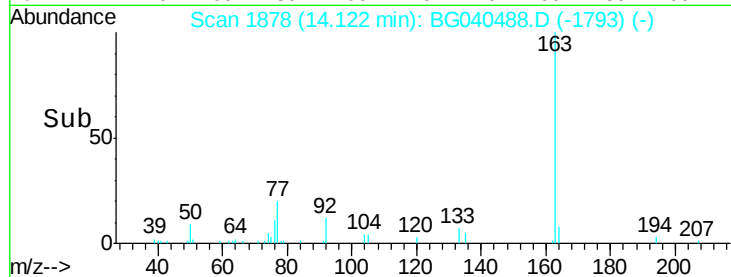
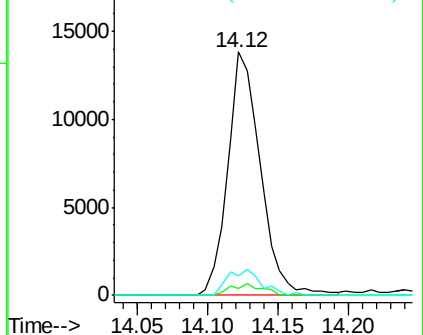
164 8.1 8.6 13.0#



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: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040488.D

Acq: 15 Apr 2019 20:20

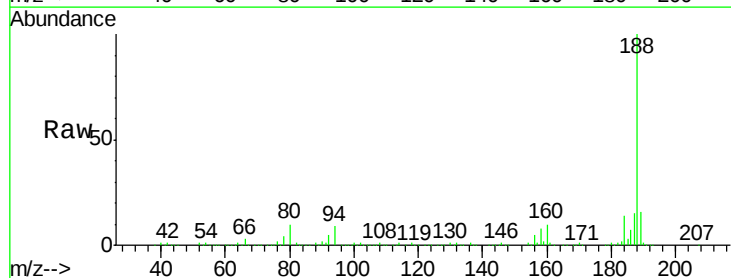
Tgt Ion:188 Resp: 344201

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

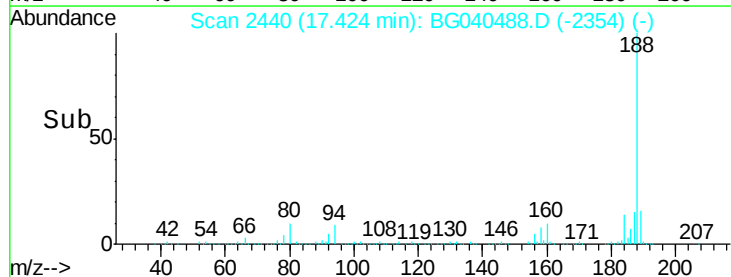
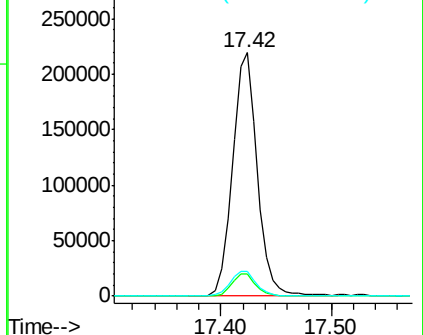
80 10.1 8.6 13.0

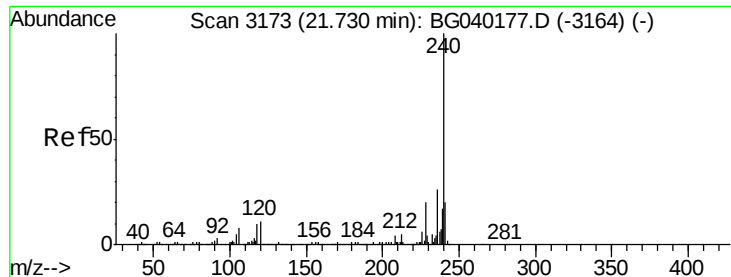


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

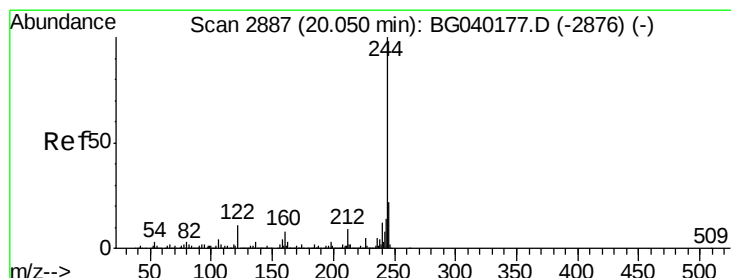
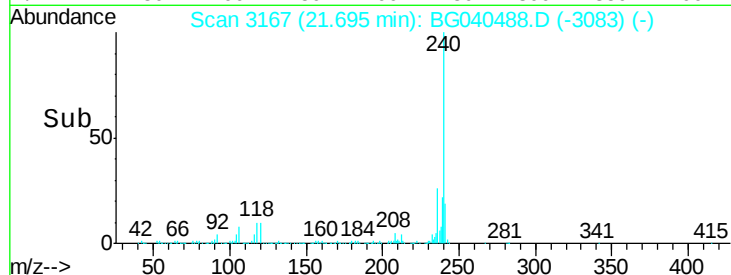
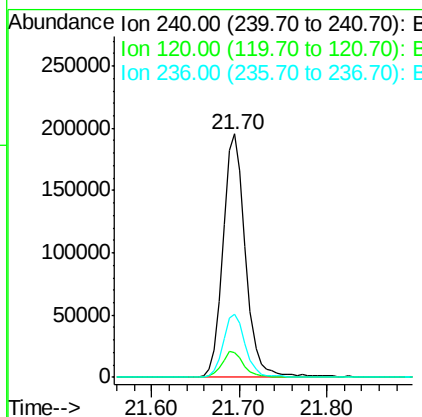
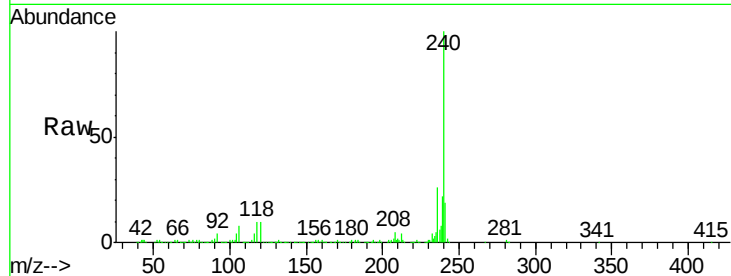




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.04 min
 Lab File: BG040488.D
 Acq: 15 Apr 2019 20:20

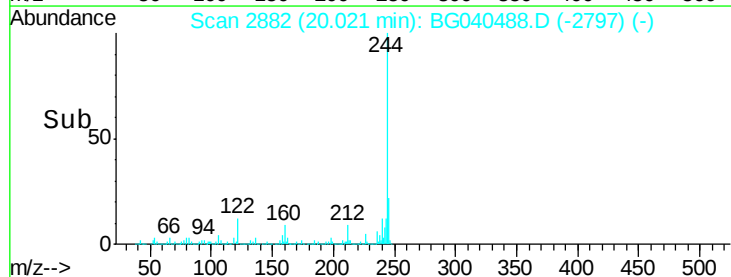
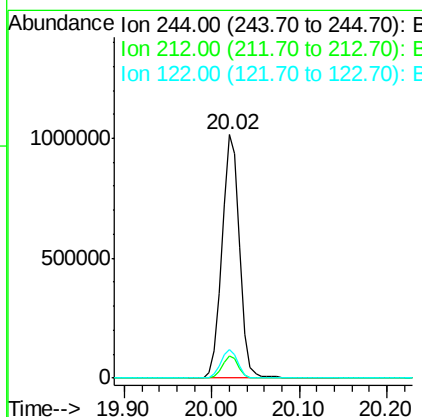
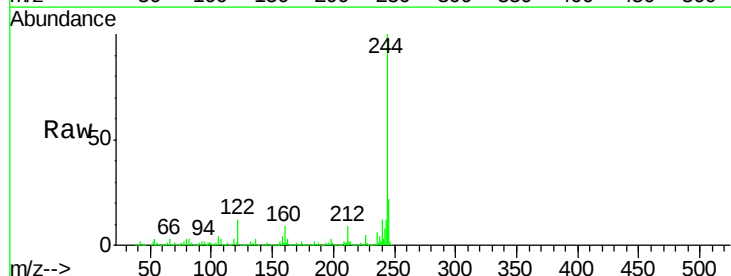
Instrument :
 BNA_G
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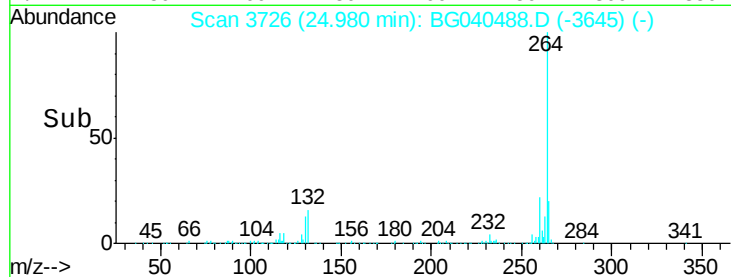
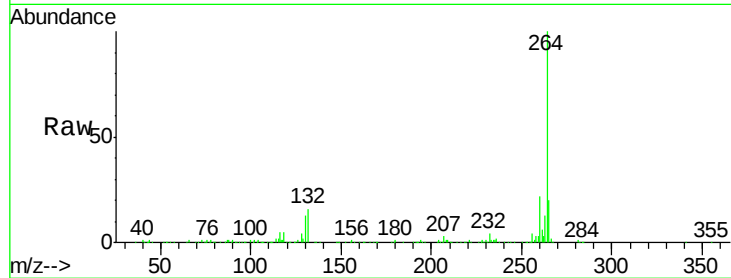
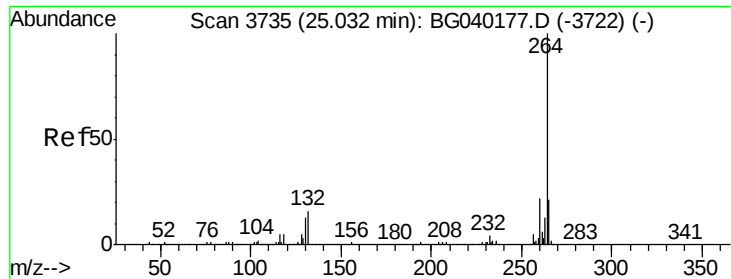
Tgt Ion:240 Resp: 345860
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 26.0 20.8 31.2



#79
 Terphenyl-d14
 Concen: 92.389 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.03 min
 Lab File: BG040488.D
 Acq: 15 Apr 2019 20:20

Tgt Ion:244 Resp: 1420385
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.0 10.6
 122 11.9 8.5 12.7





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.05 min

Lab File: BG040488.D

Acq: 15 Apr 2019 20:20

Instrument :

BNA_G

ClientSampleId :

TP-3

Tgt Ion:264 Resp: 375327

Ion Ratio Lower Upper

264 100

260 21.9 17.9 26.9

265 20.2 16.8 25.2

