

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040281.D
 Acq On : 2 Apr 2019 1:34
 Operator : JU/SJ
 Sample : K2179-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4D

Quant Time: Apr 02 04:39:21 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

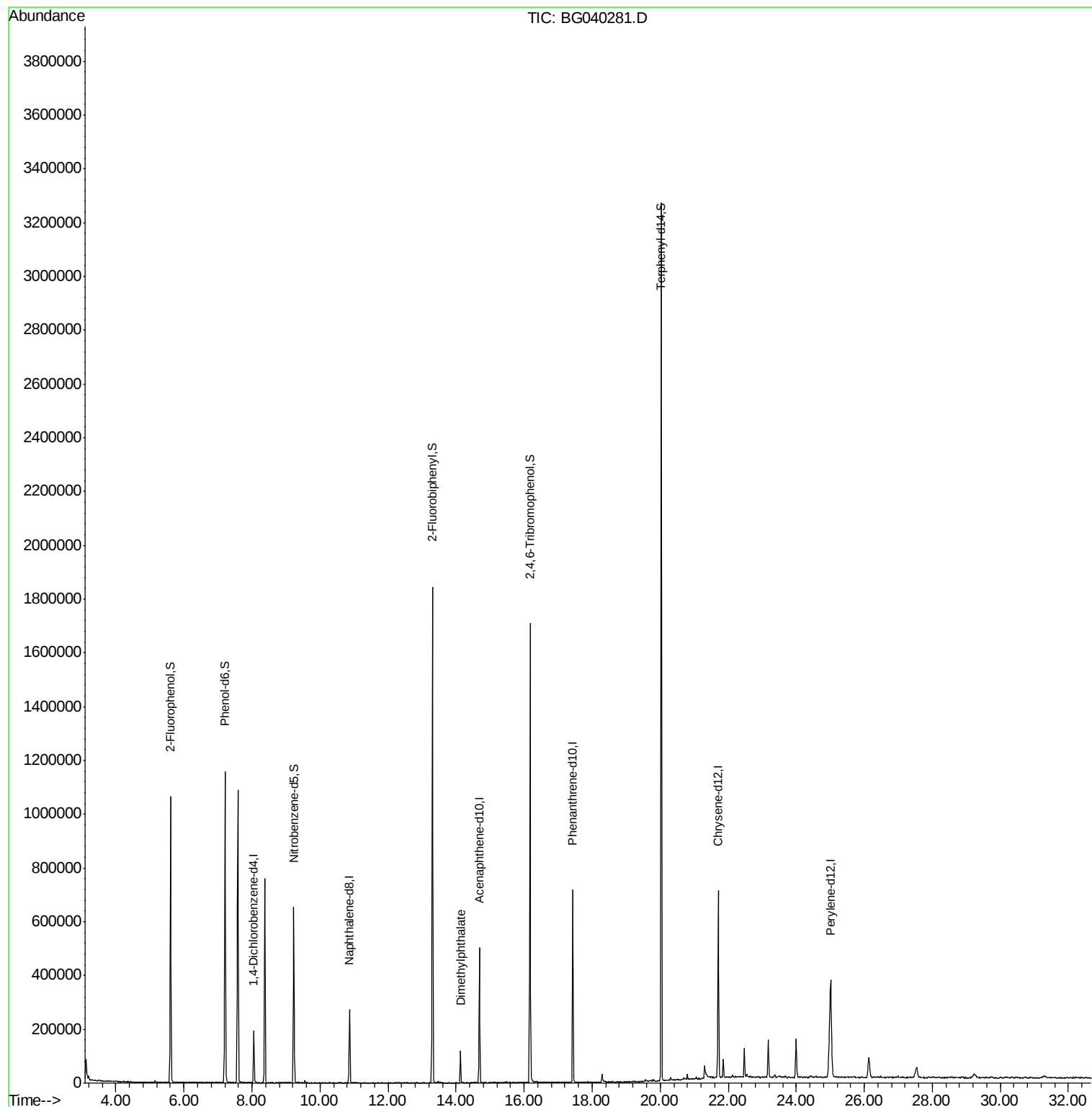
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55500	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	240896	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	177329	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	438395	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	429057	20.00	ng	-0.02
87) Perylene-d12	25.01	264	429944	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	468785	140.42	ng	-0.01
7) Phenol-d6	7.21	99	683248	148.08	ng	-0.02
23) Nitrobenzene-d5	9.23	82	396053	87.39	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	301415	157.28	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	987060	82.48	ng	-0.02
79) Terphenyl-d14	20.03	244	1495306	78.40	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.13	163	79715	5.744	ng	Qvalue 99

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

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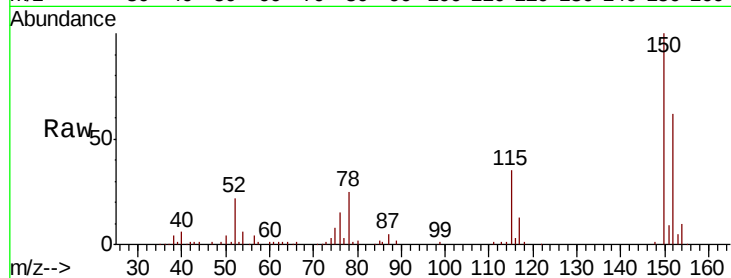


#1

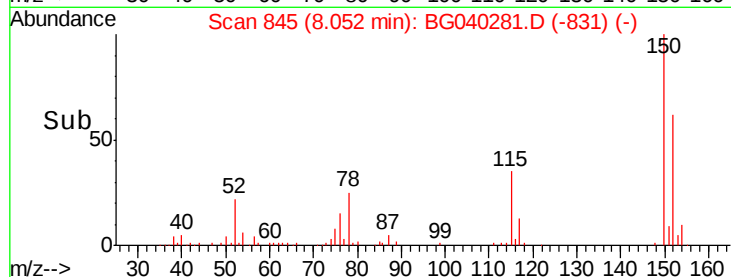
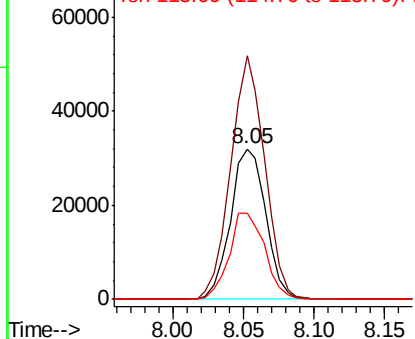
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040281.D
Acq: 2 Apr 2019 1:34

Instrument :
BNA_G
ClientSampleId :
TP-4D

Tgt Ion:152 Resp: 55500
Ion Ratio Lower Upper
152 100
150 162.1 123.7 185.5
115 57.3 46.9 70.3



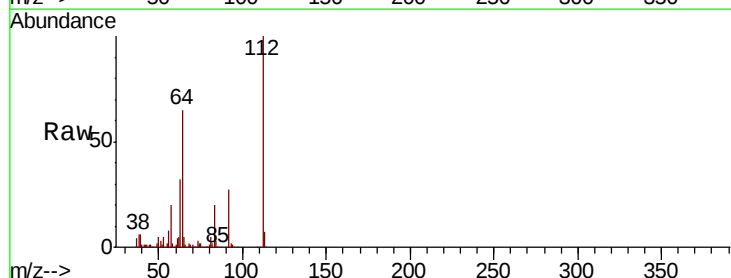
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



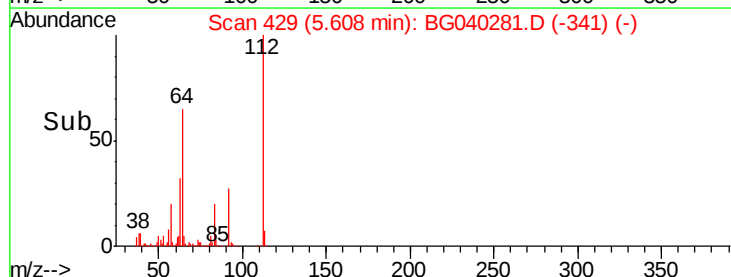
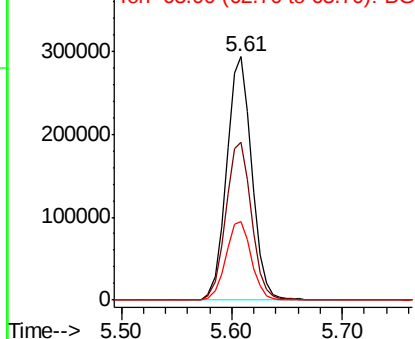
#5

2-Fluorophenol
Concen: 140.417 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040281.D
Acq: 2 Apr 2019 1:34

Tgt Ion:112 Resp: 468785
Ion Ratio Lower Upper
112 100
64 64.6 54.2 81.2
63 32.4 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 148.085 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040281.D

Acq: 2 Apr 2019 1:34

Instrument :

BNA_G

ClientSampled :

TP-4D

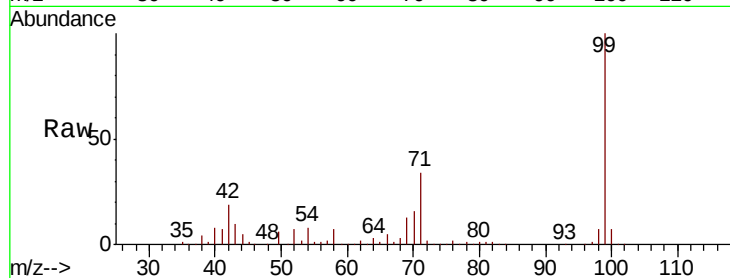
Tgt Ion: 99 Resp: 683248

Ion Ratio Lower Upper

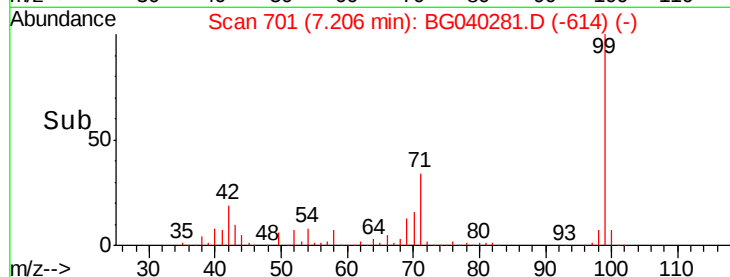
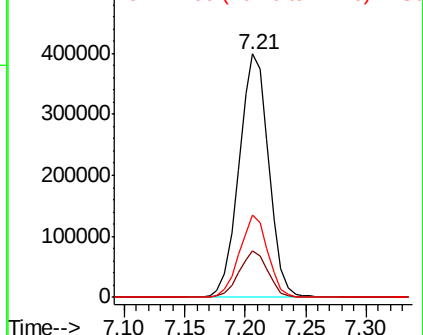
99 100

42 19.2 16.2 24.2

71 33.7 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: 10.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BG040281.D

Acq: 2 Apr 2019 1:34

Tgt Ion: 136 Resp: 240896

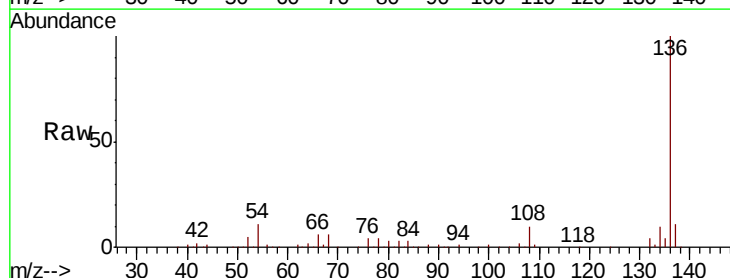
Ion Ratio Lower Upper

136 100

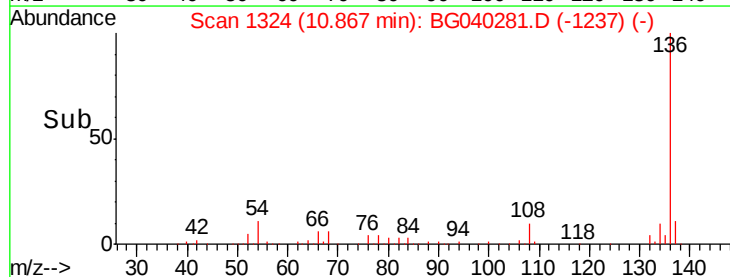
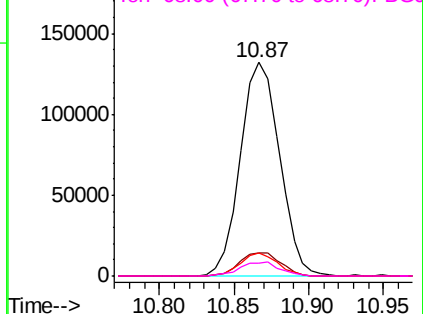
137 10.6 8.9 13.3

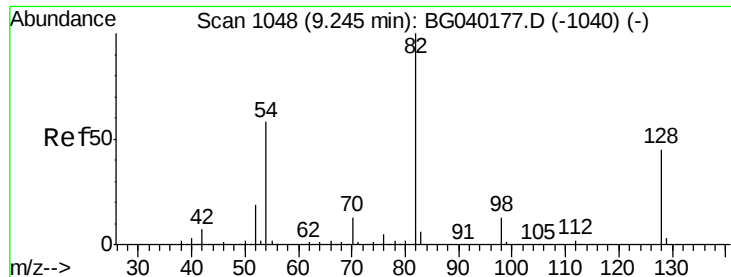
54 10.6 9.6 14.4

68 5.8 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

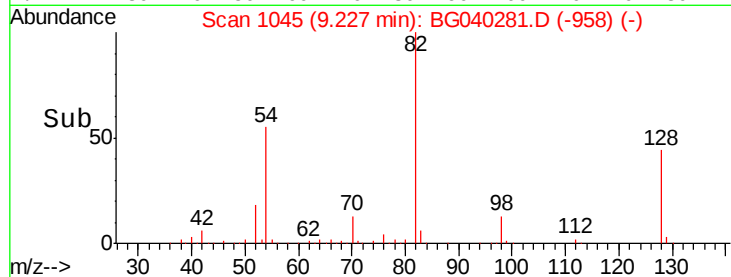
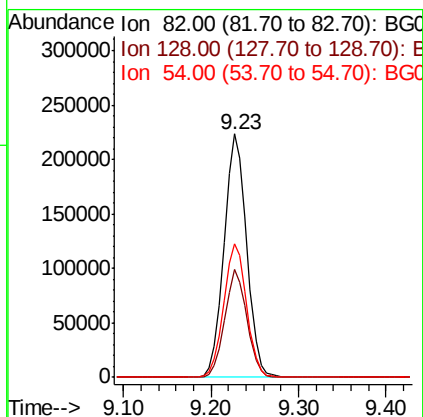
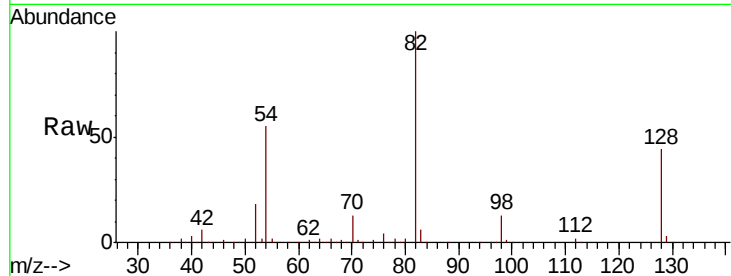




#23
 Nitrobenzene-d5
 Concen: 87.389 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG040281.D
 Acq: 2 Apr 2019 1:34

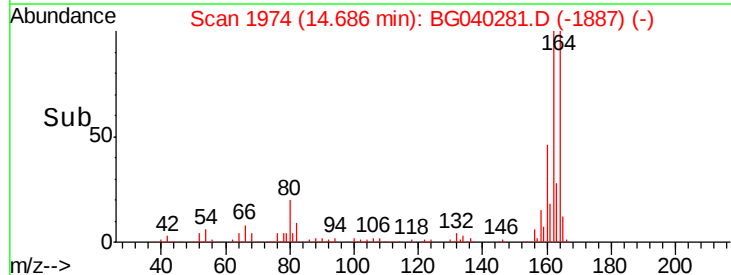
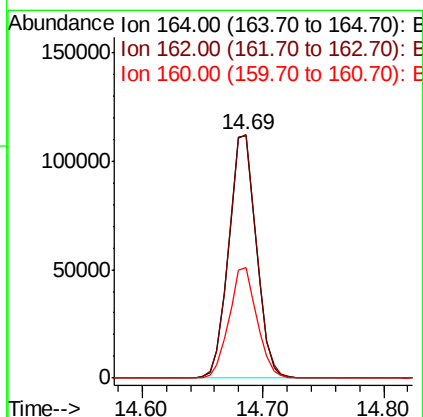
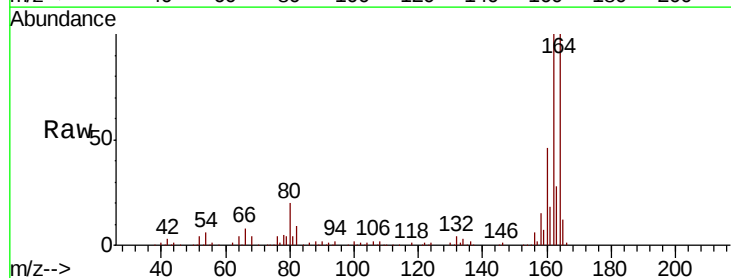
Instrument :
 BNA_G
 ClientSampleID :
 TP-4D

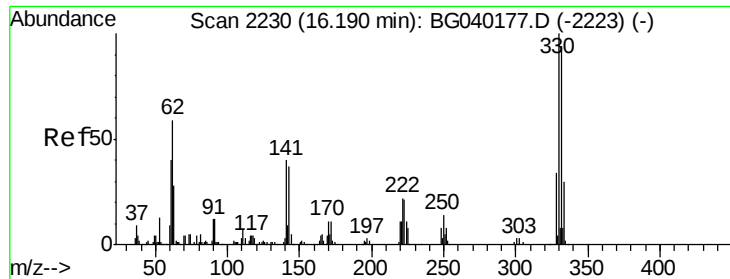
Tgt Ion: 82 Resp: 396053
 Ion Ratio Lower Upper
 82 100
 128 44.1 35.8 53.8
 54 54.7 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.02 min
 Lab File: BG040281.D
 Acq: 2 Apr 2019 1:34

Tgt Ion: 164 Resp: 177329
 Ion Ratio Lower Upper
 164 100
 162 100.4 77.4 116.2
 160 45.7 35.3 52.9

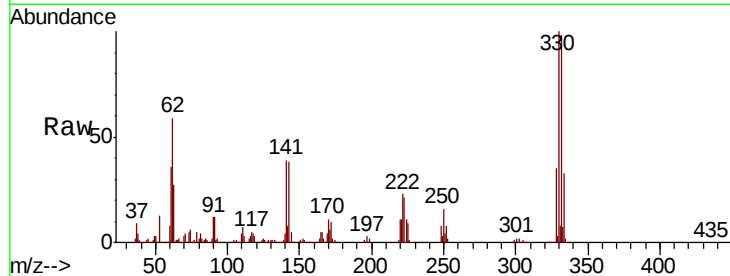




#42
2,4,6-Tribromophenol
Concen: 157.277 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG040281.D
Acq: 2 Apr 2019 1:34

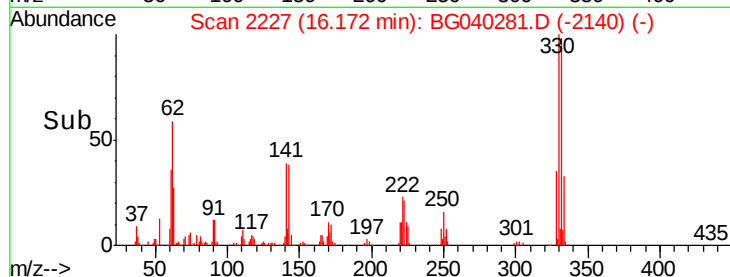
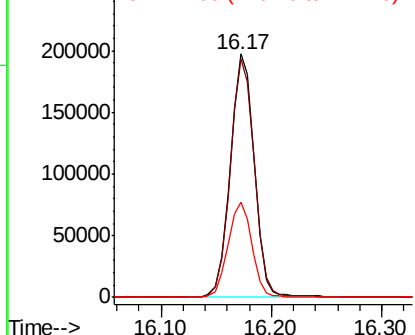
Instrument :
BNA_G
ClientSampleId :
TP-4D

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.6	115.0
141	38.9	32.6	48.8



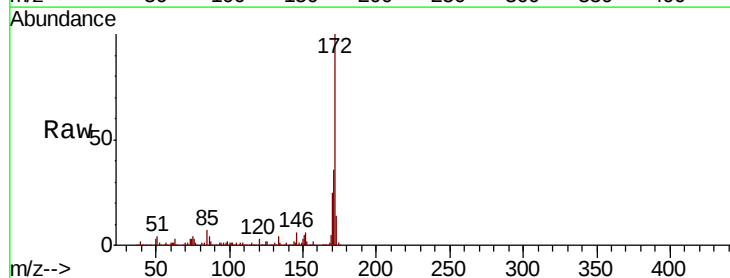
Abundance

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



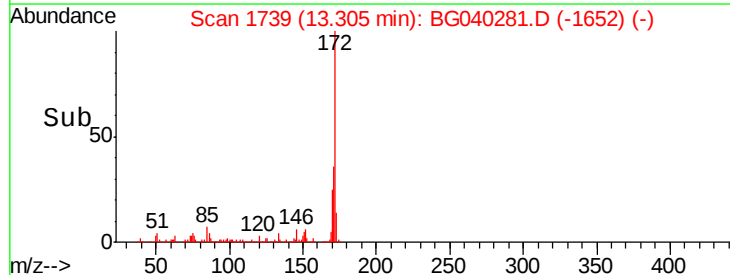
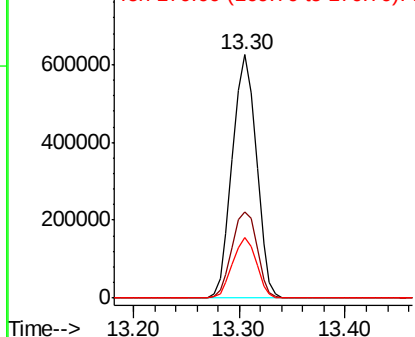
#45
2-Fluorobiphenyl
Concen: 82.479 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040281.D
Acq: 2 Apr 2019 1:34

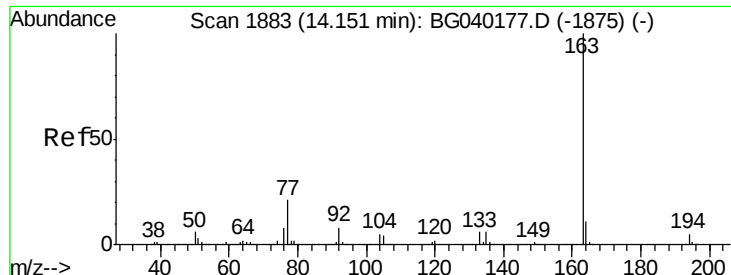
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.5	45.7
170	24.9	20.1	30.1



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





#50

Dimethylphthalate

Concen: 5.744 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040281.D

Acq: 2 Apr 2019 1:34

Instrument :

BNA_G

ClientSampleId :

TP-4D

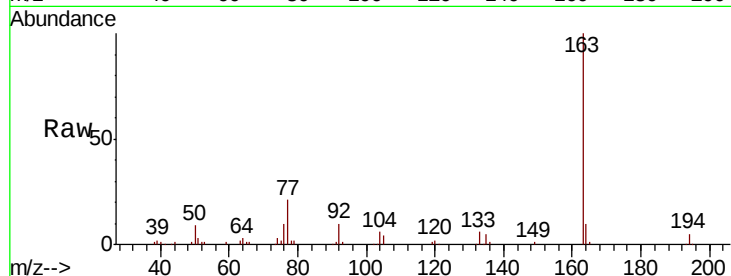
Tgt Ion:163 Resp: 79715

Ion Ratio Lower Upper

163 100

194 5.0 4.1 6.1

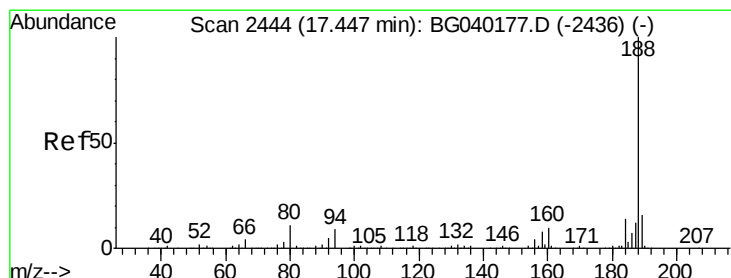
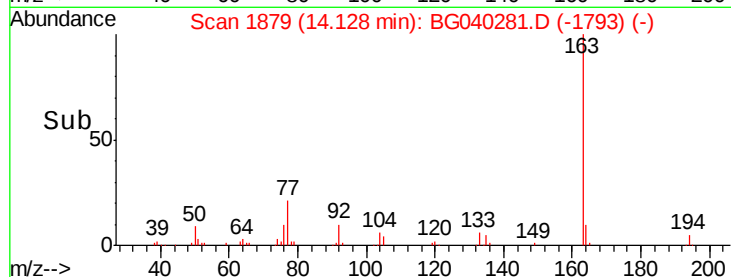
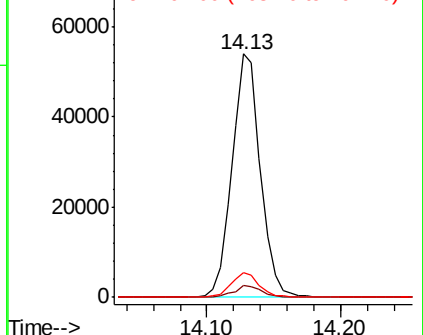
164 10.2 8.6 13.0



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: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040281.D

Acq: 2 Apr 2019 1:34

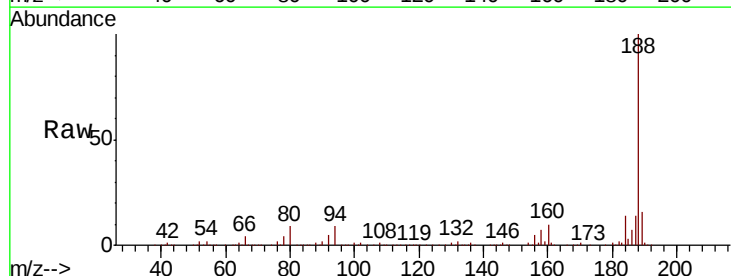
Tgt Ion:188 Resp: 438395

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

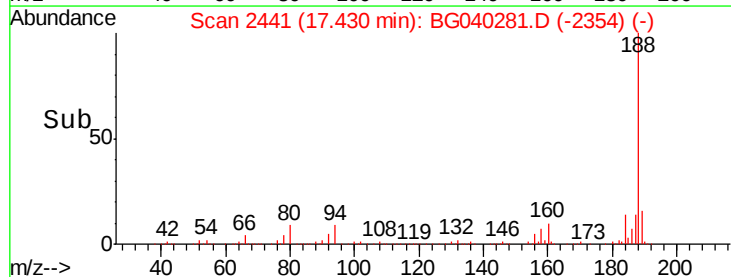
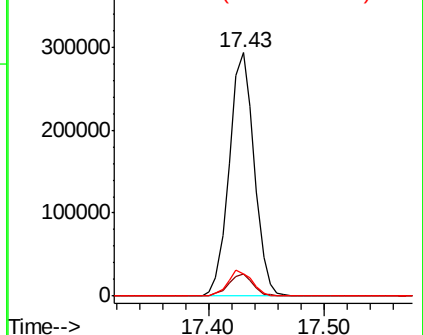
80 9.3 8.6 13.0

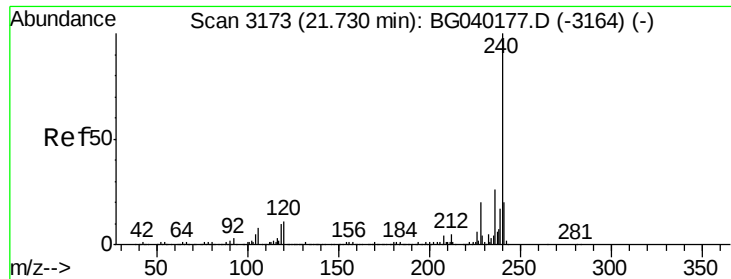


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

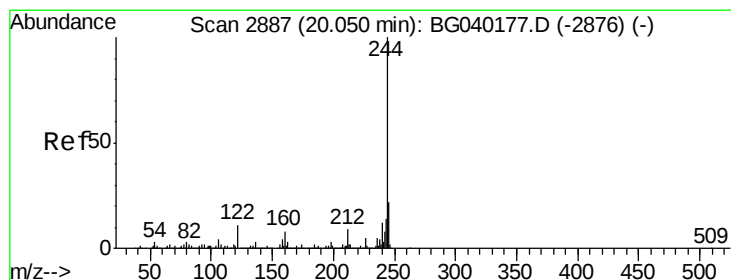
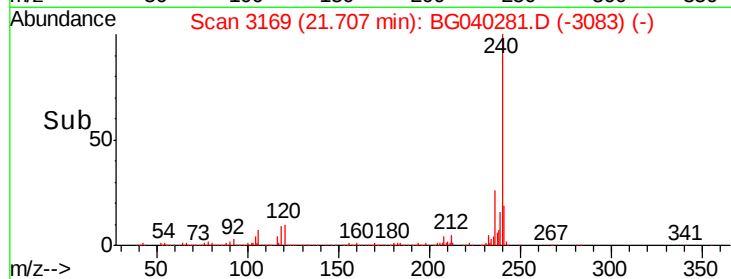
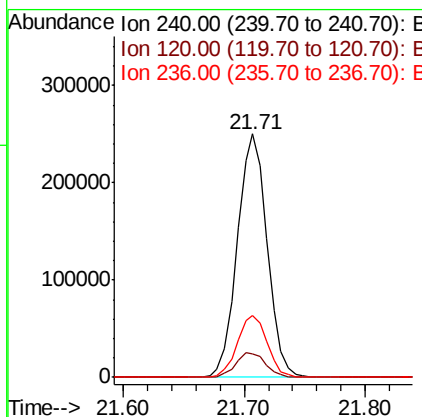
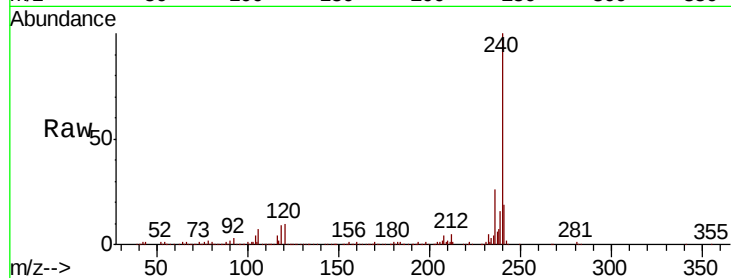




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040281.D
Acq: 2 Apr 2019 1:34

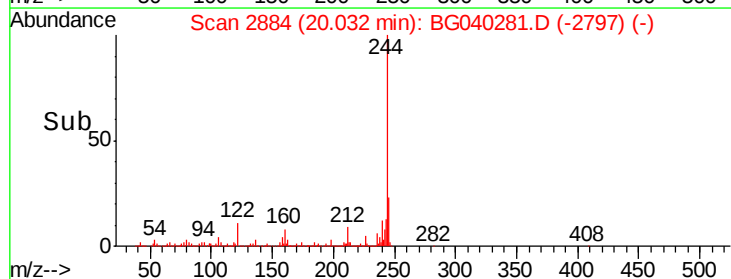
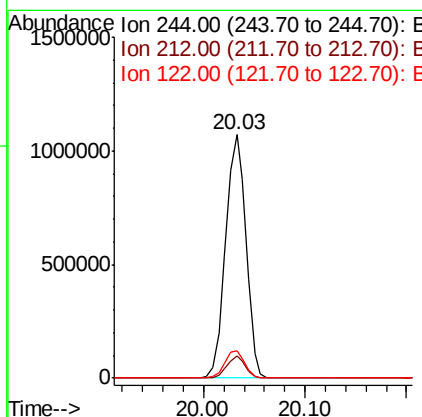
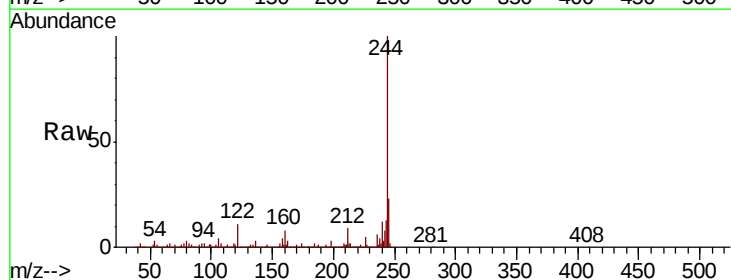
Instrument :
BNA_G
ClientSampleId :
TP-4D

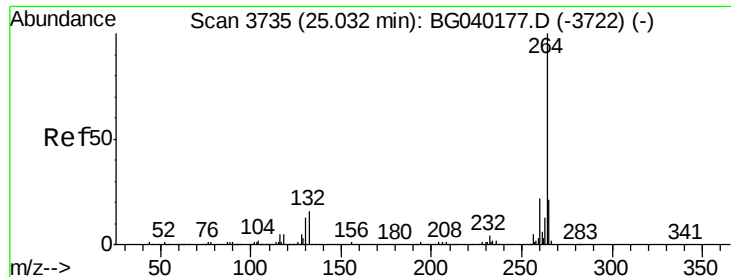
Tgt Ion:240 Resp: 429057
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 25.5 20.8 31.2



#79
Terphenyl-d14
Concen: 78.403 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG040281.D
Acq: 2 Apr 2019 1:34

Tgt Ion:244 Resp: 1495306
Ion Ratio Lower Upper
244 100
212 9.2 7.0 10.6
122 11.5 8.5 12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.02 min
Lab File: BG040281.D
Acq: 2 Apr 2019 1:34

Instrument :
BNA_G
ClientSampleId :
TP-4D

Tgt Ion:264 Resp: 429944
Ion Ratio Lower Upper
264 100
260 23.9 17.9 26.9
265 21.8 16.8 25.2

