

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040419\
 Data File : BG040374.D
 Acq On : 5 Apr 2019 00:39
 Operator : JU/SJ
 Sample : K2240-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-(13.5-14)

Quant Time: Apr 05 03:18:40 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

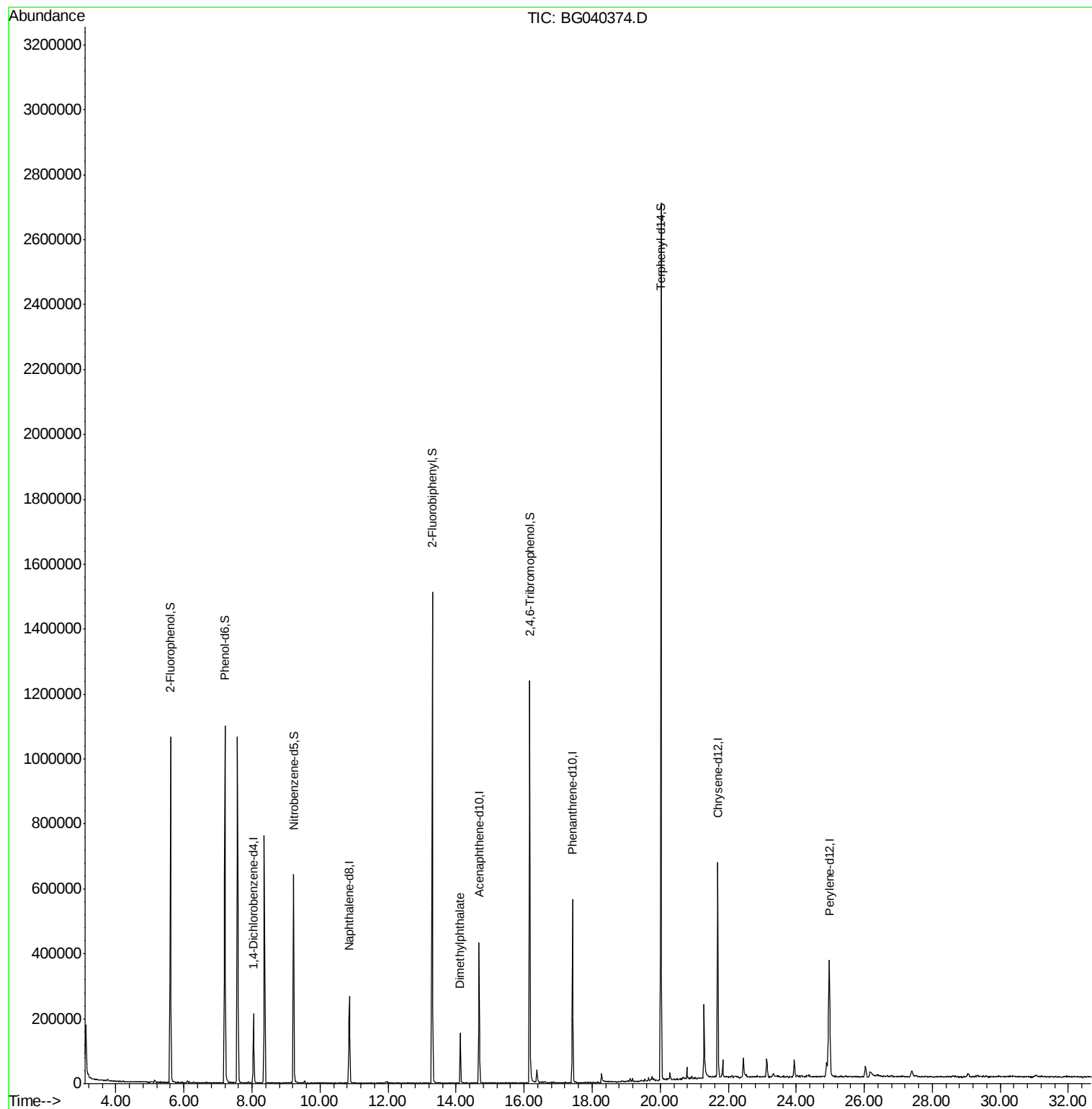
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	62095	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	245441	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	150763	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	360287	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	404896	20.00	ng	-0.04
87) Perylene-d12	24.97	264	413279	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	475539	127.31	ng	-0.02
7) Phenol-d6	7.20	99	663851	128.60	ng	-0.02
23) Nitrobenzene-d5	9.22	82	392490	85.00	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	230753	141.62	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	827899	81.37	ng	-0.02
79) Terphenyl-d14	20.02	244	1270700	70.60	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.12	163	112441	9.529	ng	Qvalue 98

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

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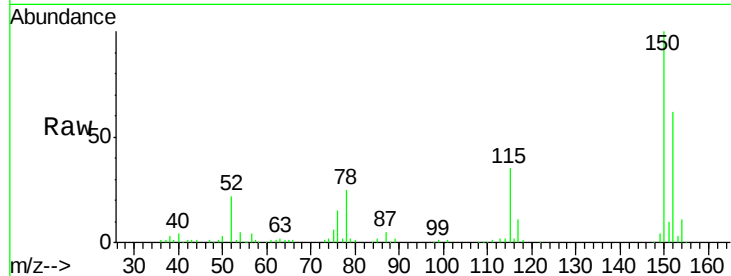




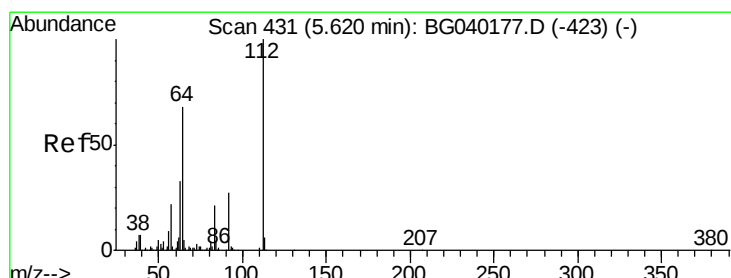
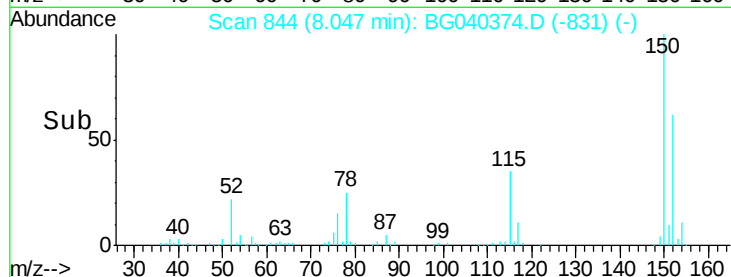
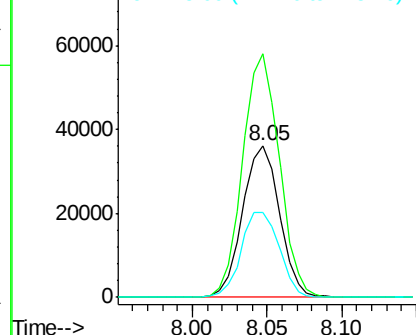
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BG040374.D
 Acq: 5 Apr 2019 00:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-(13.5-14)

Tgt Ion:152 Resp: 62095
 Ion Ratio Lower Upper
 152 100
 150 160.4 123.7 185.5
 115 55.6 46.9 70.3

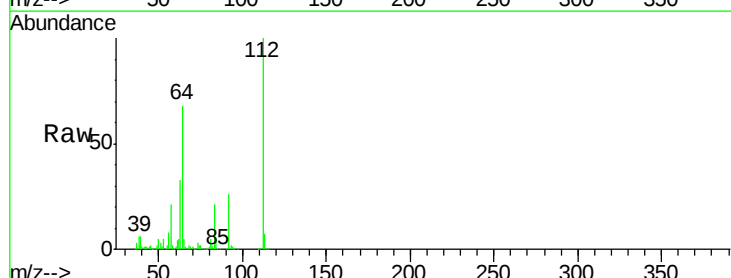


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

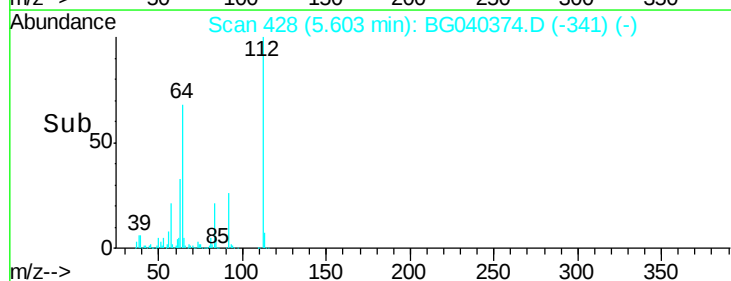
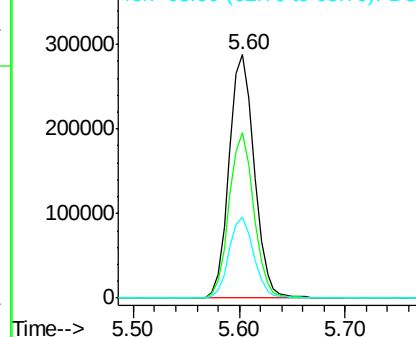


#5
 2-Fluorophenol
 Concen: 127.312 ng
 RT: 5.60 min Scan# 428
 Delta R.T. -0.02 min
 Lab File: BG040374.D
 Acq: 5 Apr 2019 00:39

Tgt Ion:112 Resp: 475539
 Ion Ratio Lower Upper
 112 100
 64 68.0 54.2 81.2
 63 33.3 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: 128.600 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040374.D

Acq: 5 Apr 2019 00:39

Instrument :

BNA_G

ClientSampleId :

SB-02-(13.5-14)

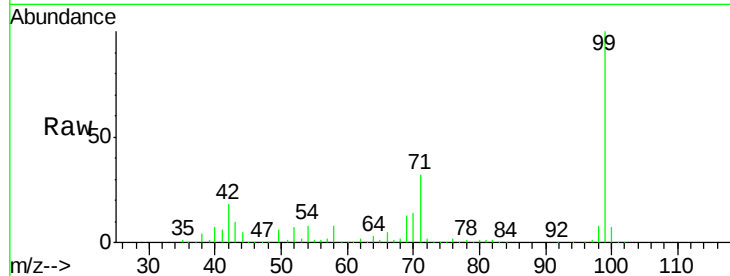
Tgt Ion: 99 Resp: 663851

Ion Ratio Lower Upper

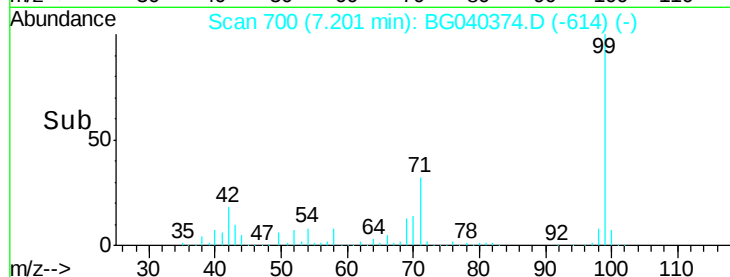
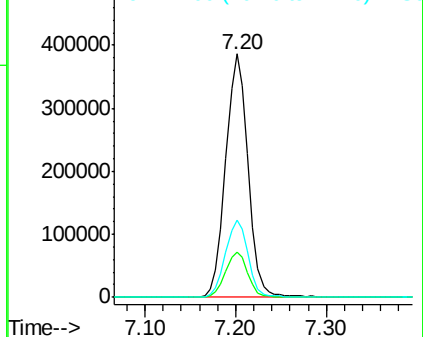
99 100

42 18.4 16.2 24.2

71 31.8 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: BG040374.D

Acq: 5 Apr 2019 00:39

Tgt Ion: 136 Resp: 245441

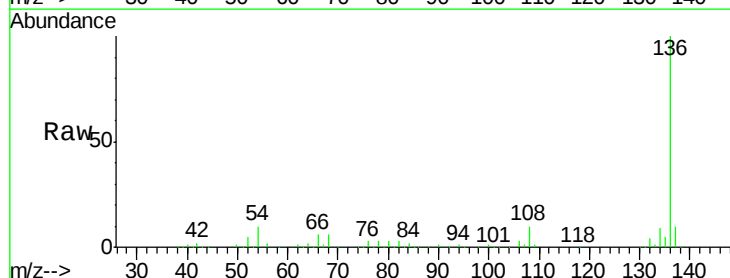
Ion Ratio Lower Upper

136 100

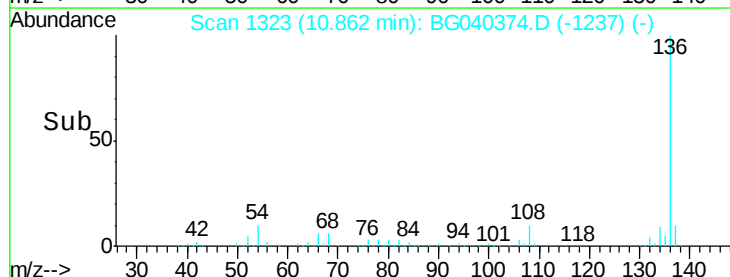
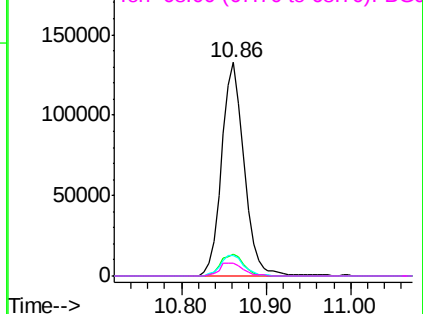
137 10.3 8.9 13.3

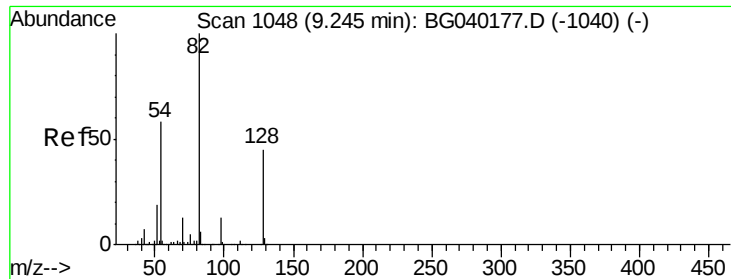
54 9.9 9.6 14.4

68 6.0 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

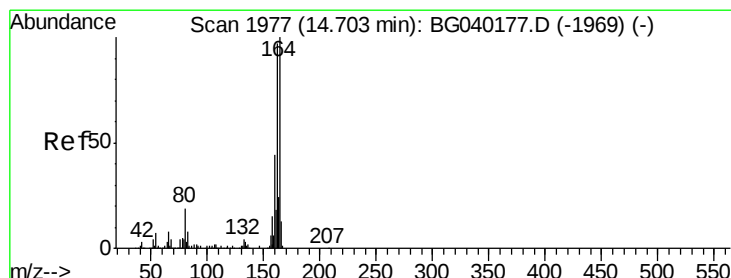
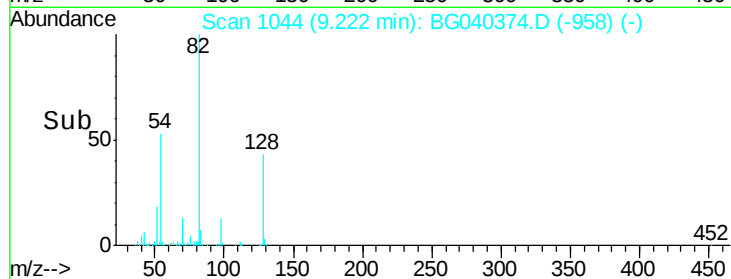
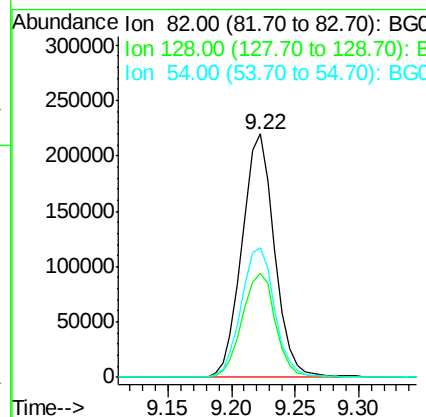
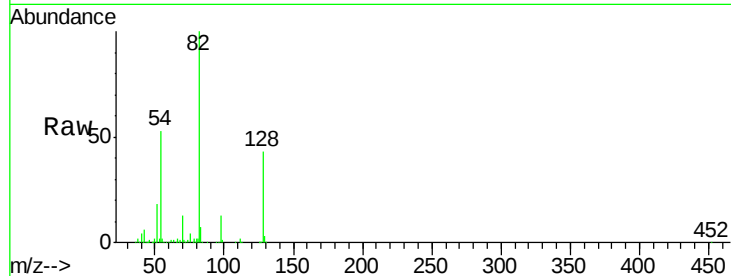




#23
 Nitrobenzene-d5
 Concen: 84.999 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040374.D
 Acq: 5 Apr 2019 00:39

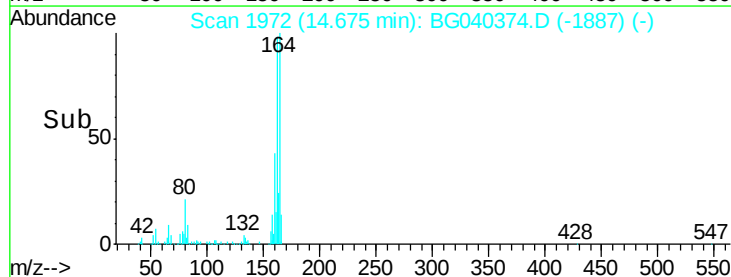
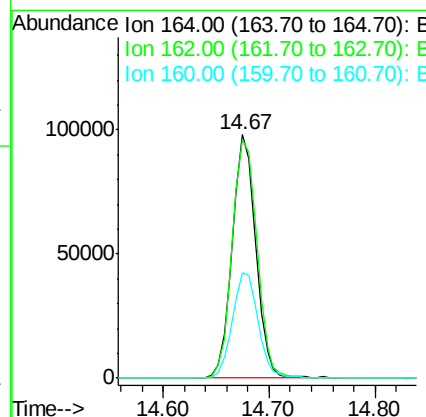
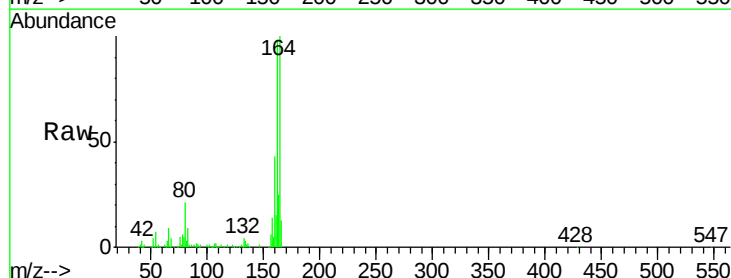
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-(13.5-14)

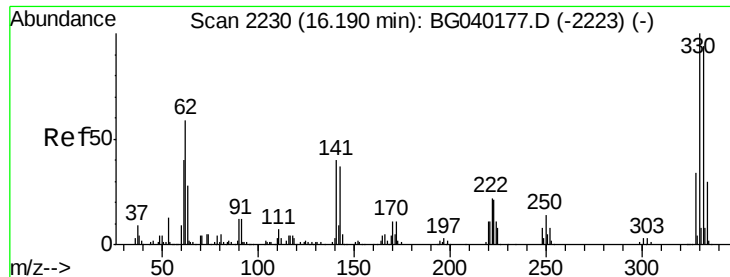
Tgt Ion: 82 Resp: 392490
 Ion Ratio Lower Upper
 82 100
 128 43.0 35.8 53.8
 54 53.4 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040374.D
 Acq: 5 Apr 2019 00:39

Tgt Ion: 164 Resp: 150763
 Ion Ratio Lower Upper
 164 100
 162 98.1 77.4 116.2
 160 43.3 35.3 52.9

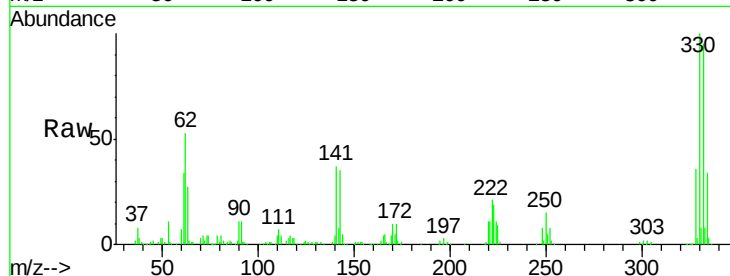




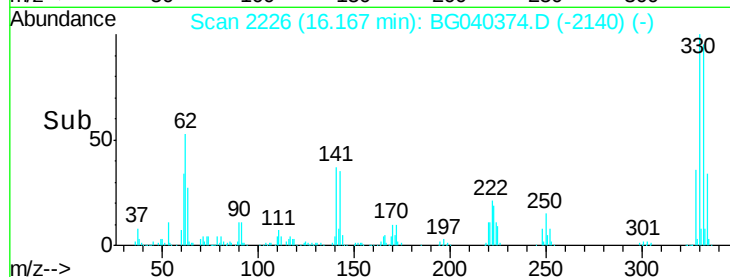
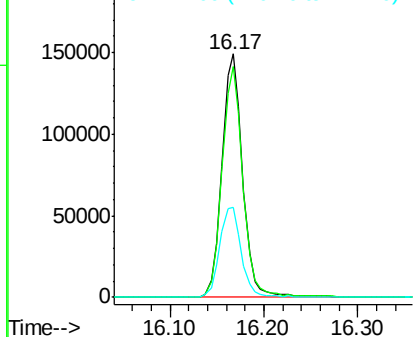
#42
 2,4,6-Tribromophenol
 Concen: 141.622 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040374.D
 Acq: 5 Apr 2019 00:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-(13.5-14)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	39.0	32.6	48.8

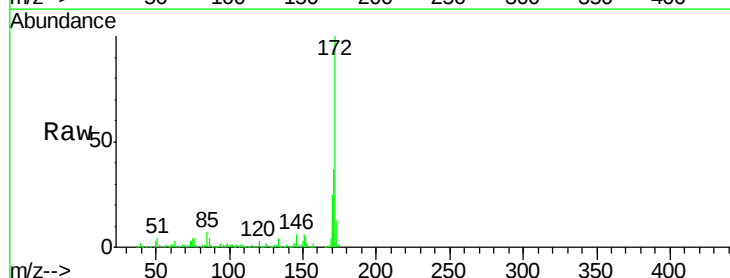


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

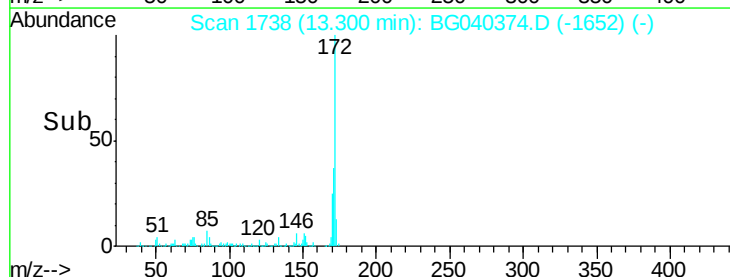
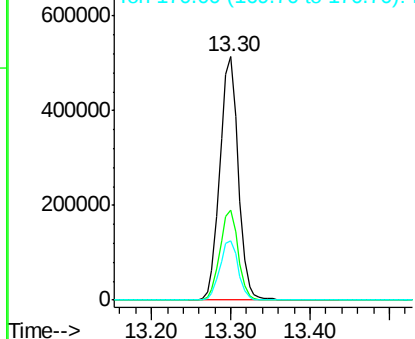


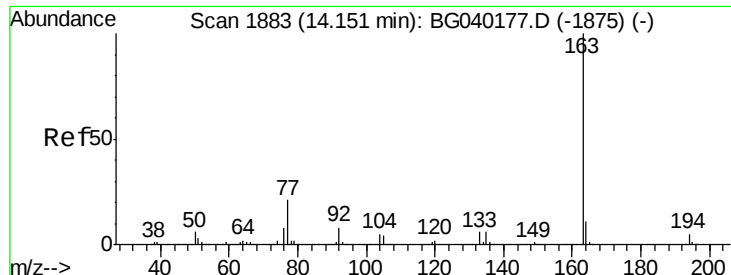
#45
 2-Fluorobiphenyl
 Concen: 81.369 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040374.D
 Acq: 5 Apr 2019 00:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.5	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





#50

Dimethylphthalate

Concen: 9.529 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040374.D

Acq: 5 Apr 2019 00:39

Instrument :

BNA_G

ClientSampleId :

SB-02-(13.5-14)

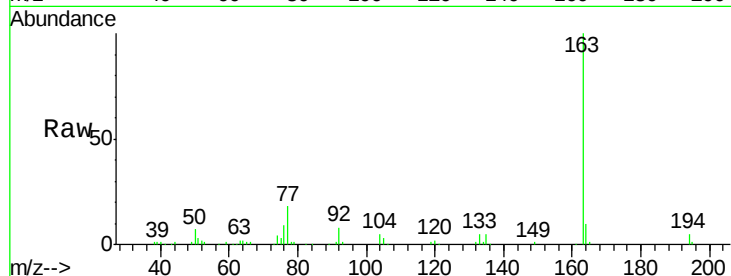
Tgt Ion:163 Resp: 112441

Ion Ratio Lower Upper

163 100

194 5.2 4.1 6.1

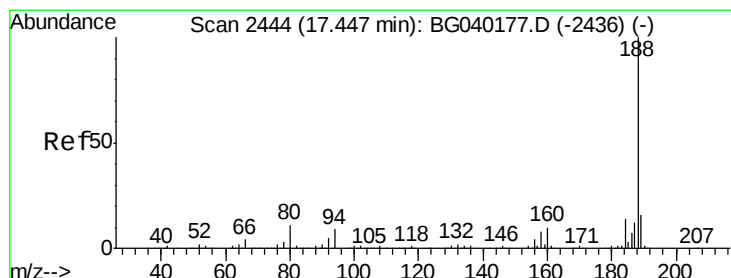
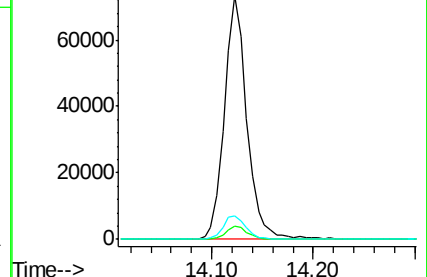
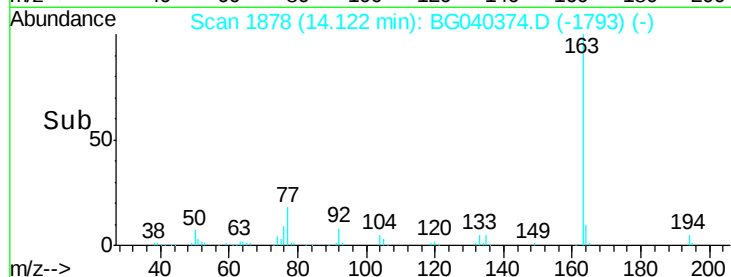
164 9.8 8.6 13.0



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: BG040374.D

Acq: 5 Apr 2019 00:39

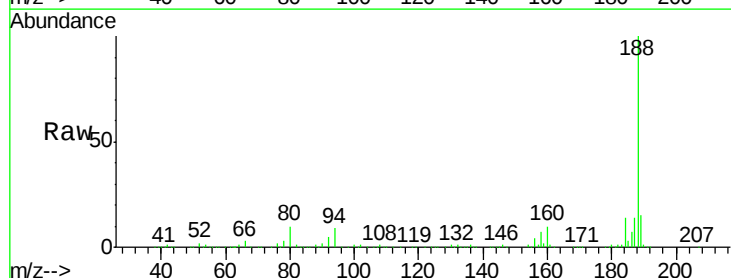
Tgt Ion:188 Resp: 360287

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

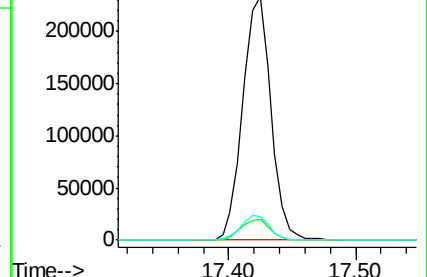
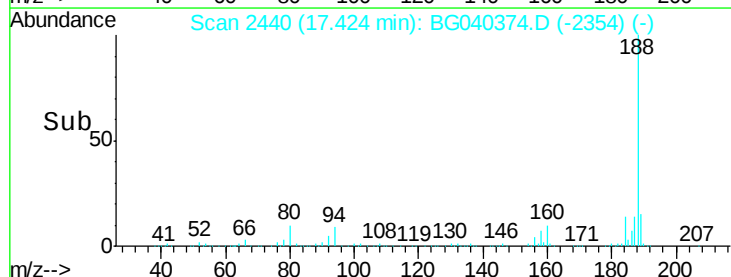
80 9.6 8.6 13.0

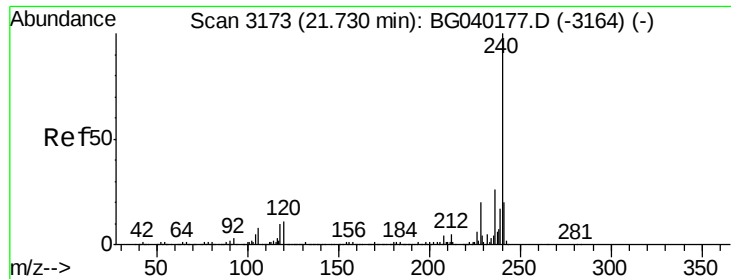


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

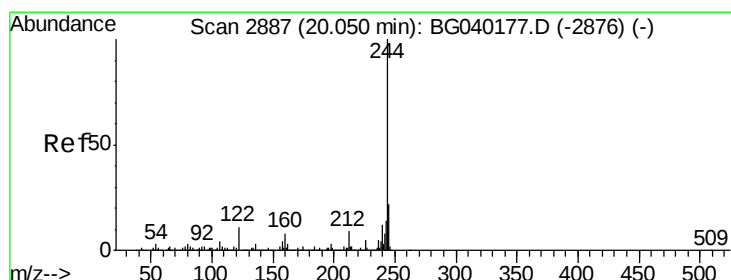
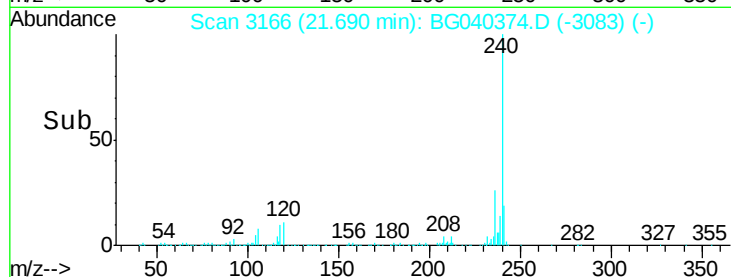
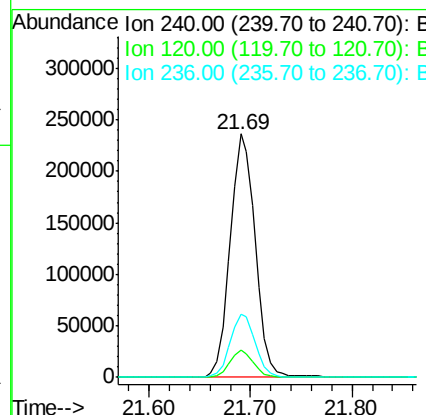
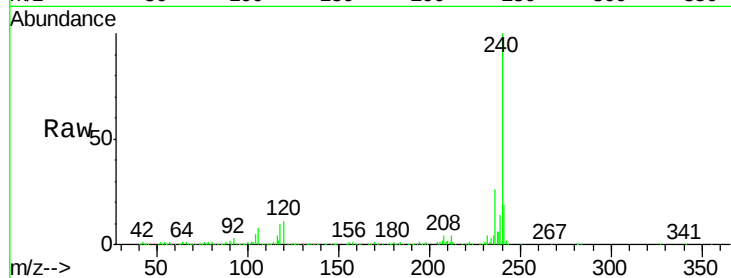




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG040374.D
Acq: 5 Apr 2019 00:39

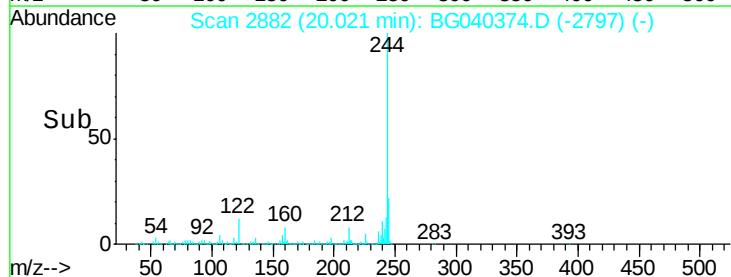
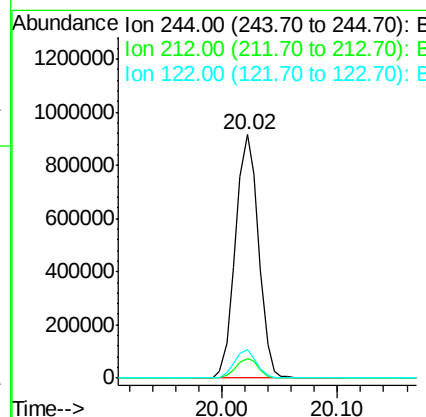
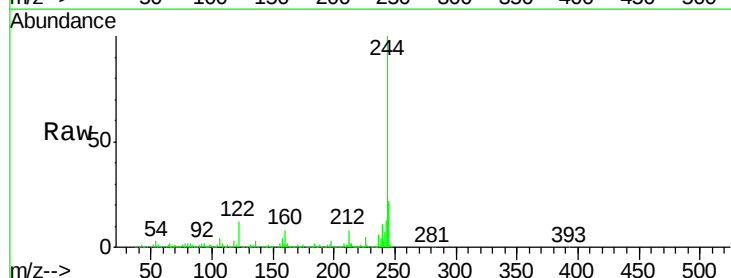
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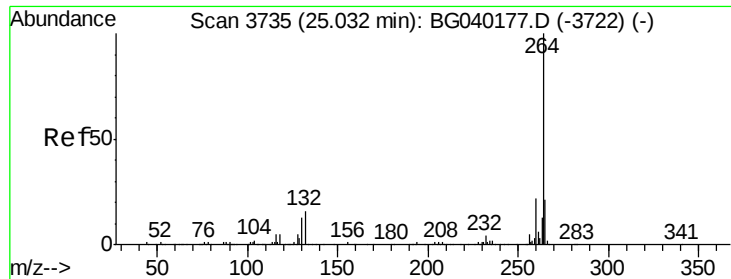
Tgt Ion:240 Resp: 404896
Ion Ratio Lower Upper
240 100
120 11.0 8.4 12.6
236 26.2 20.8 31.2



#79
Terphenyl-d14
Concen: 70.602 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040374.D
Acq: 5 Apr 2019 00:39

Tgt Ion:244 Resp: 1270700
Ion Ratio Lower Upper
244 100
212 8.3 7.0 10.6
122 11.6 8.5 12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040374.D
Acq: 5 Apr 2019 00:39

Instrument :
BNA_G
ClientSampleId :
SB-02-(13.5-14)

Tgt Ion: 264 Resp: 413279
Ion Ratio Lower Upper
264 100
260 24.3 17.9 26.9
265 22.0 16.8 25.2

