

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041719\
 Data File : BG040541.D
 Acq On : 17 Apr 2019 22:30
 Operator : JU/SJ
 Sample : K2197-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-041619-A

Quant Time: Apr 18 04:36:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	55457	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	210430	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	123295	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	320250	20.00	ng	0.00
76) Chrysene-d12	21.69	240	320217	20.00	ng	0.00
87) Perylene-d12	24.96	264	336779	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	409643	122.80	ng	0.00
7) Phenol-d6	7.20	99	504178	109.36	ng	0.00
23) Nitrobenzene-d5	9.22	82	387563	97.90	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	200962	150.82	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	798183	95.93	ng	0.00
79) Terphenyl-d14	20.02	244	1406554	98.82	ng	0.00

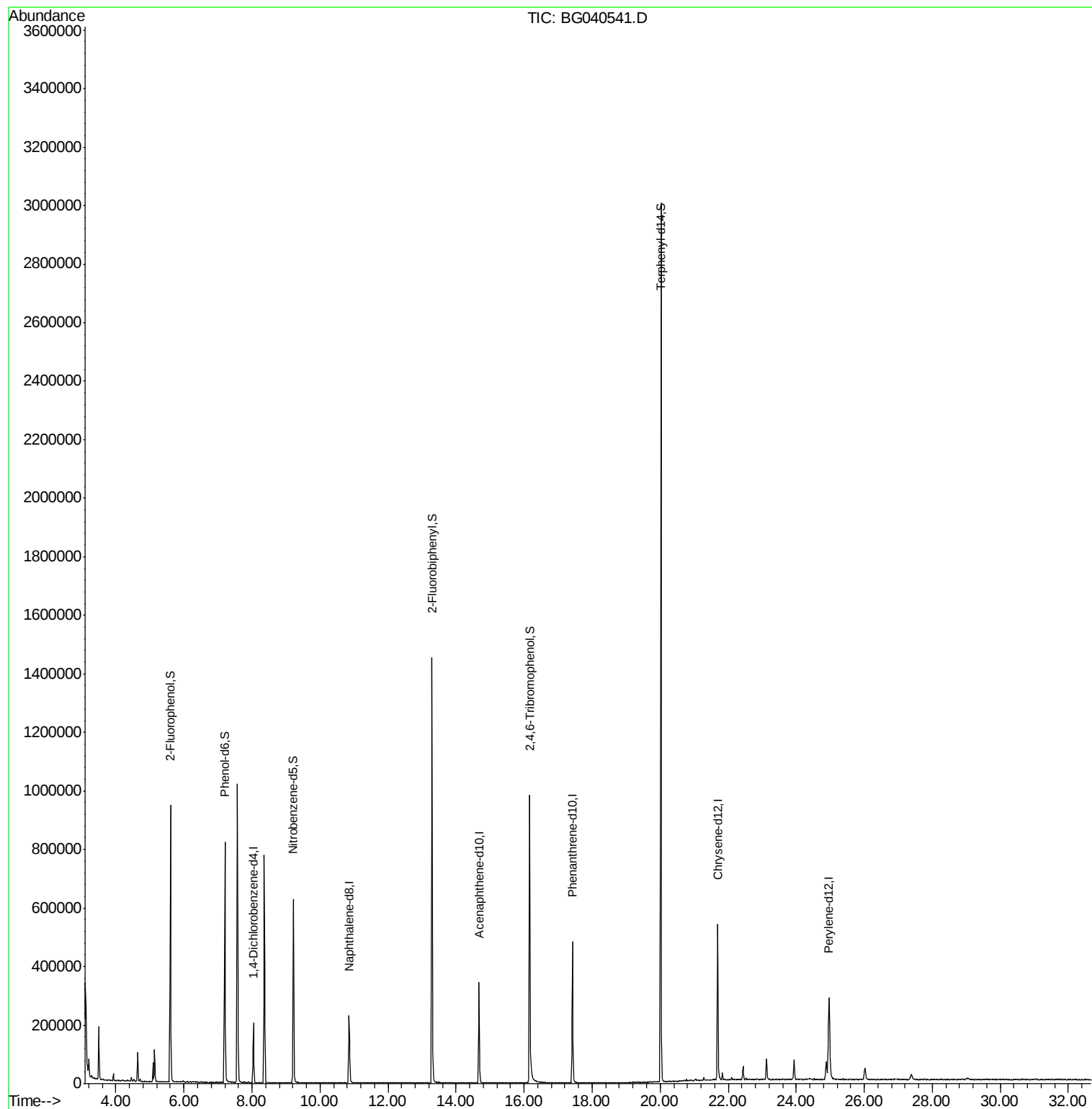
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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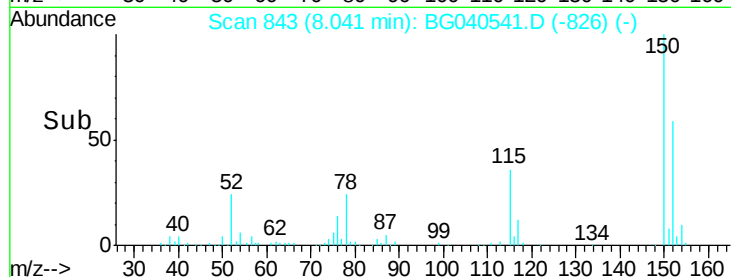
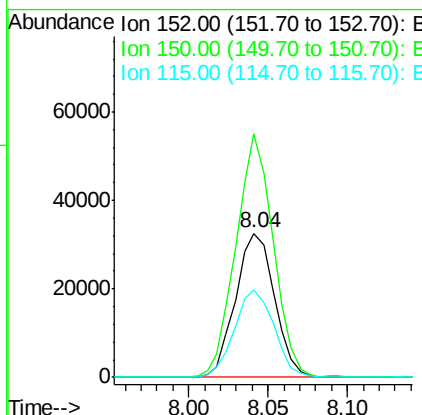
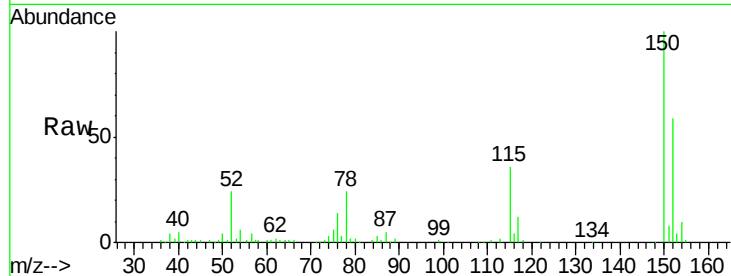


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040541.D
Acq: 17 Apr 2019 22:30

Instrument :
BNA_G
ClientSampleId :
CL-01-041619-A

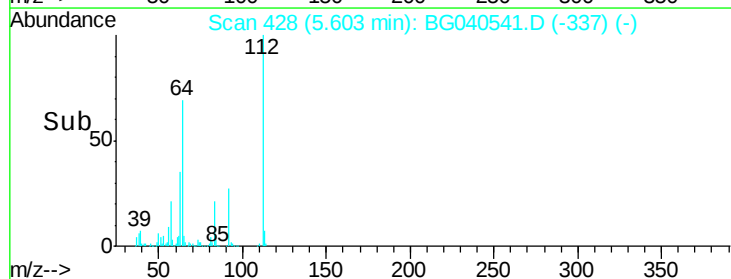
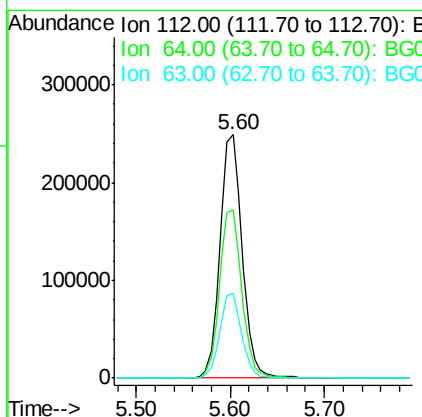
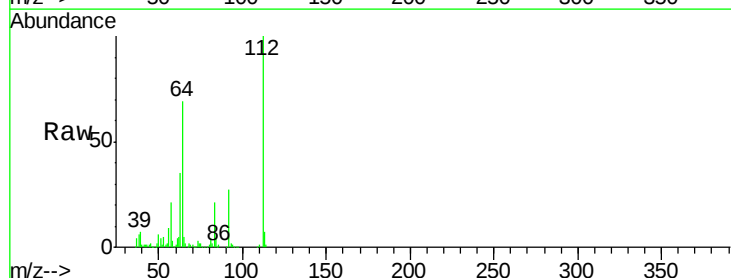
Tgt Ion:152 Resp: 55457
Ion Ratio Lower Upper
152 100
150 168.9 123.7 185.5
115 60.5 46.9 70.3



#5

2-Fluorophenol
Concen: 122.797 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG040541.D
Acq: 17 Apr 2019 22:30

Tgt Ion:112 Resp: 409643
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.2
63 34.9 26.4 39.6





#7

Phenol-d6

Concen: 109.359 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040541.D

Acq: 17 Apr 2019 22:30

Instrument :

BNA_G

ClientSampleId :

CL-01-041619-A

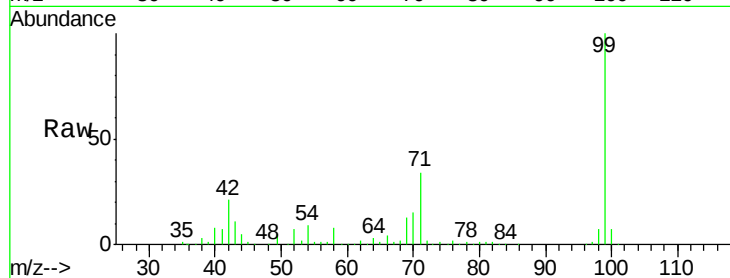
Tgt Ion: 99 Resp: 504178

Ion Ratio Lower Upper

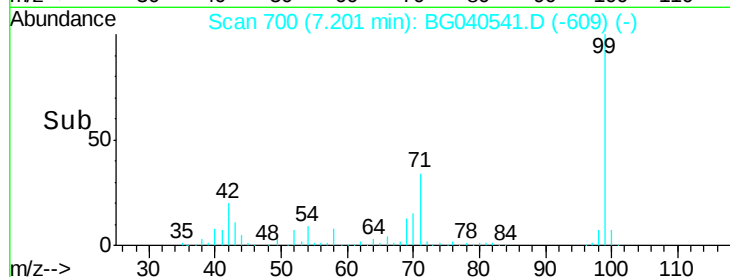
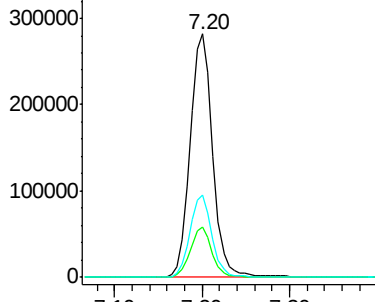
99 100

42 20.6 16.2 24.2

71 34.0 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. -0.00 min

Lab File: BG040541.D

Acq: 17 Apr 2019 22:30

Tgt Ion: 136 Resp: 210430

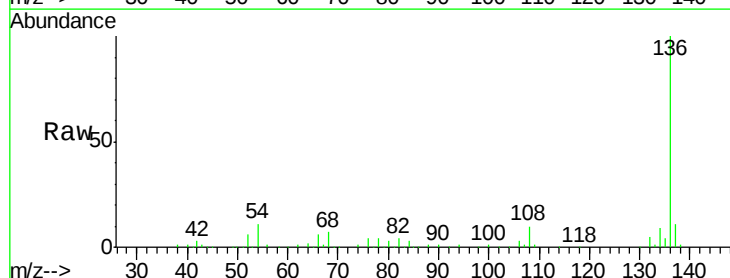
Ion Ratio Lower Upper

136 100

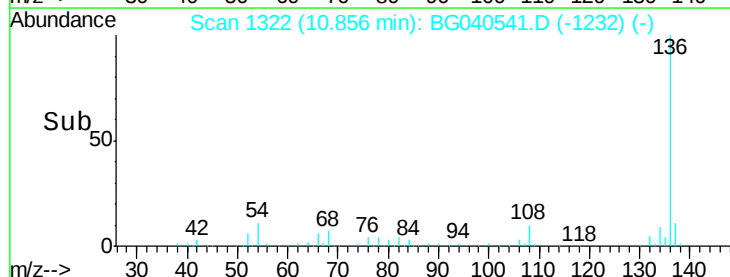
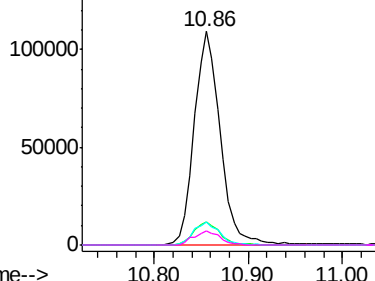
137 10.6 8.9 13.3

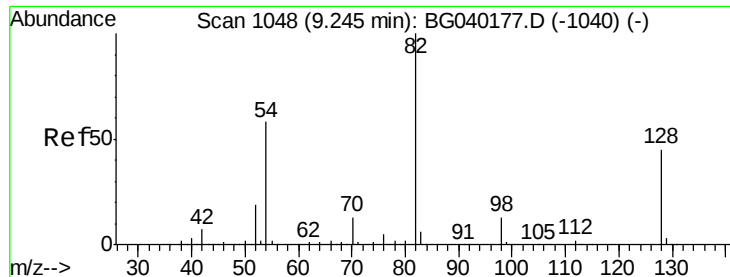
54 10.9 9.6 14.4

68 6.8 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

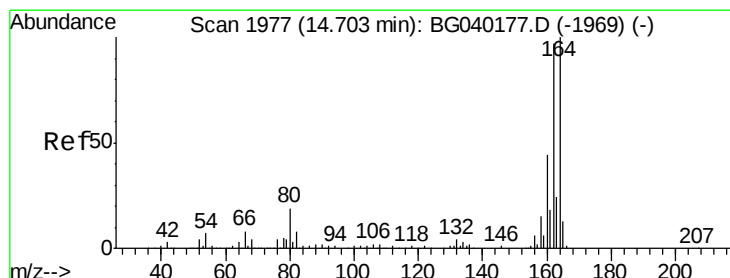
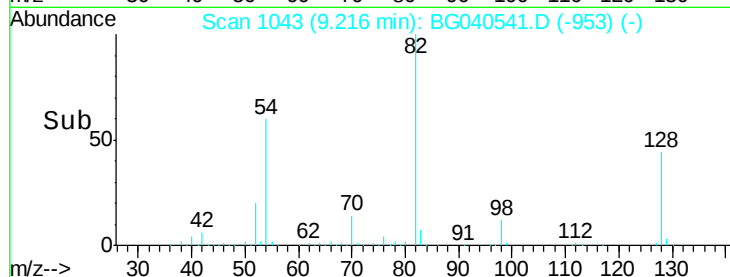
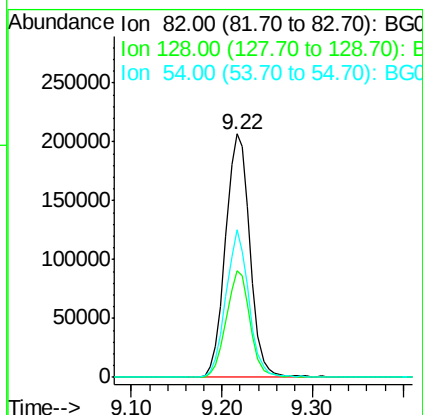
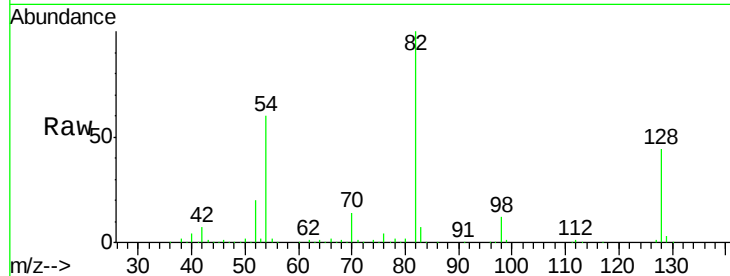




#23
Nitrobenzene-d5
Concen: 97.896 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG040541.D
Acq: 17 Apr 2019 22:30

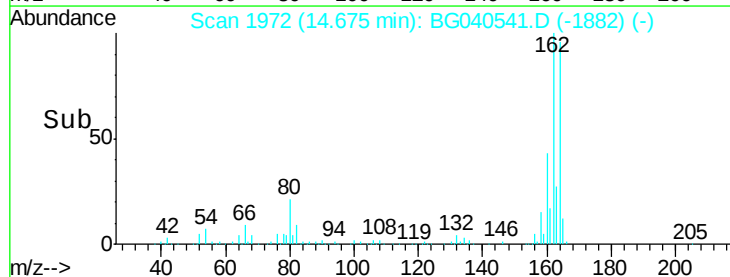
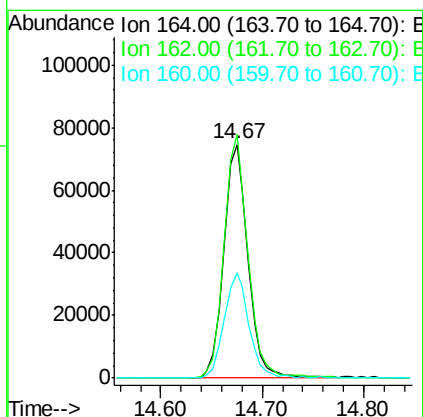
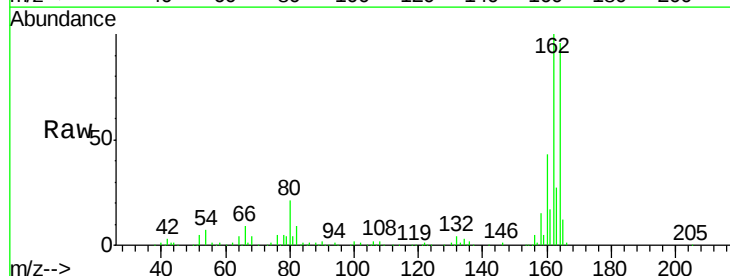
Instrument :
BNA_G
ClientSampleId :
CL-01-041619-A

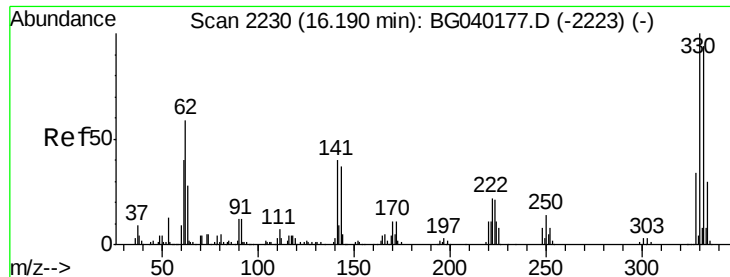
Tgt Ion: 82 Resp: 387563
Ion Ratio Lower Upper
82 100
128 43.7 35.8 53.8
54 60.4 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG040541.D
Acq: 17 Apr 2019 22:30

Tgt Ion: 164 Resp: 123295
Ion Ratio Lower Upper
164 100
162 104.2 77.4 116.2
160 45.2 35.3 52.9

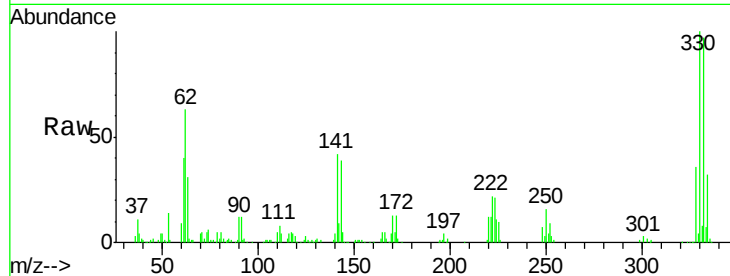




#42
 2,4,6-Tribromophenol
 Concen: 150.816 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG040541.D
 Acq: 17 Apr 2019 22:30

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-041619-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	115.0
141	41.2	32.6	48.8

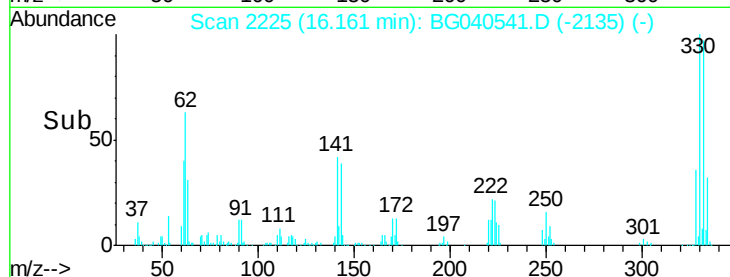
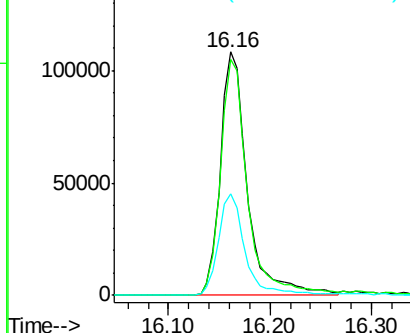


Abundance

Ion 329.80 (329.50 to 330.50): E

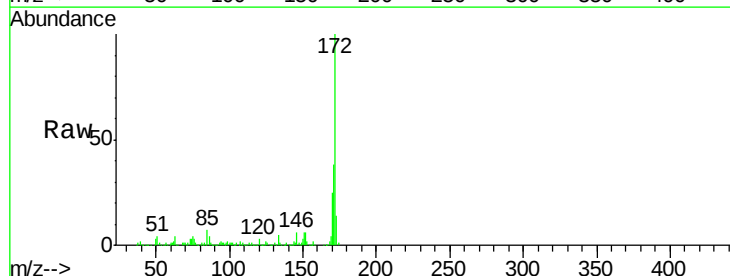
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.926 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG040541.D
 Acq: 17 Apr 2019 22:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.5	45.7
170	24.7	20.1	30.1

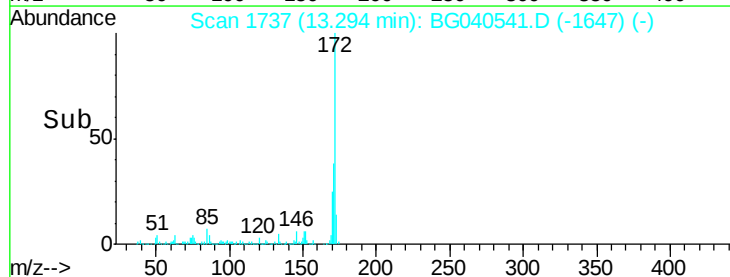
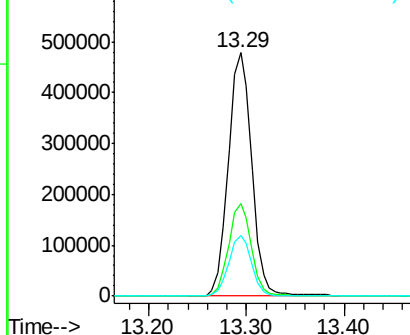


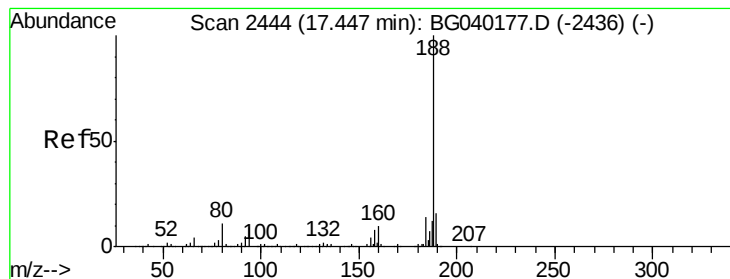
Abundance

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. -0.00 min

Lab File: BG040541.D

Acq: 17 Apr 2019 22:30

Instrument :

BNA_G

ClientSampleId :

CL-01-041619-A

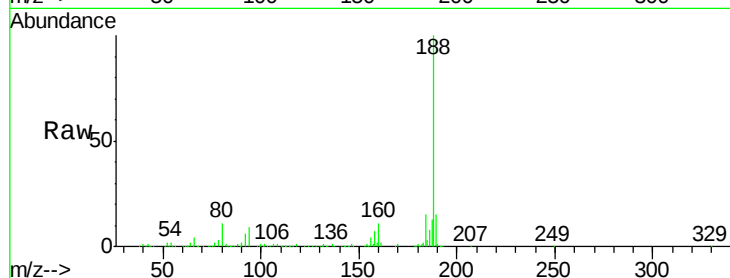
Tgt Ion:188 Resp: 320250

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

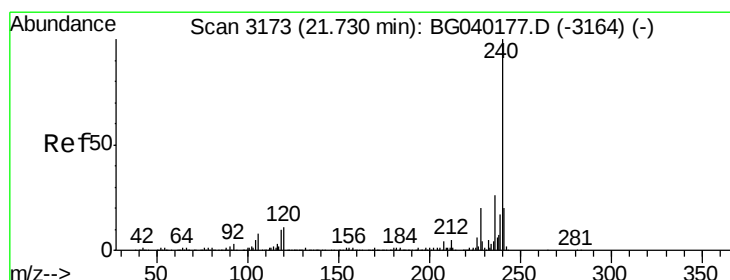
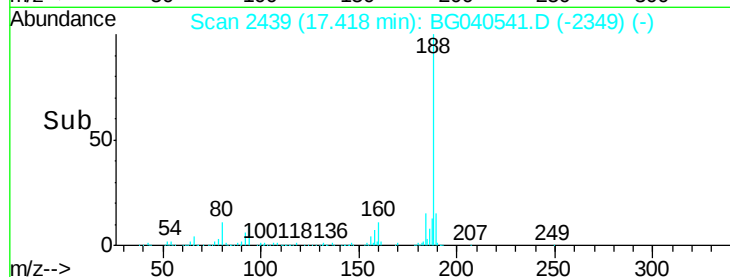
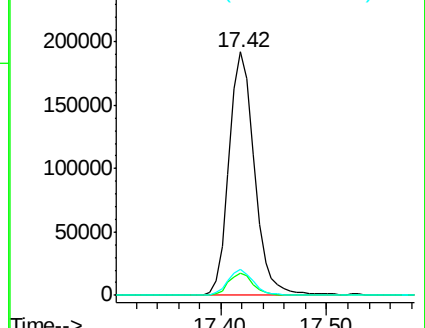
80 10.7 8.6 13.0



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. -0.01 min

Lab File: BG040541.D

Acq: 17 Apr 2019 22:30

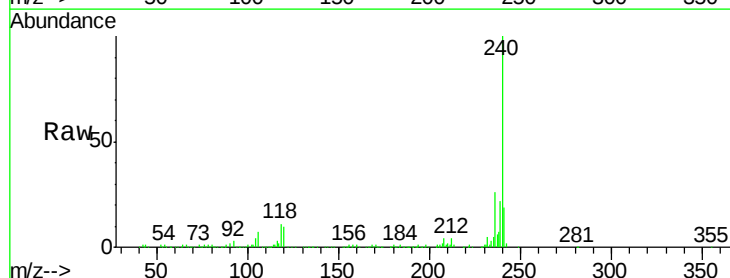
Tgt Ion:240 Resp: 320217

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

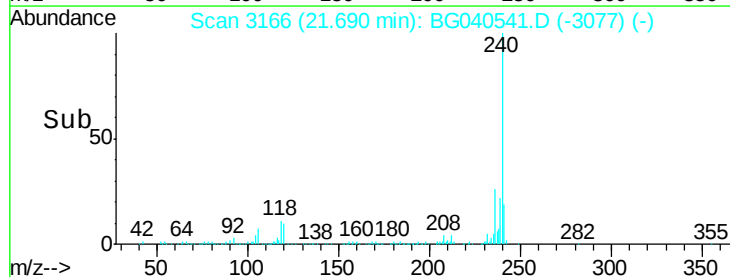
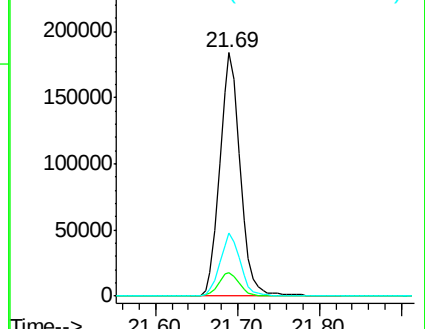
236 26.2 20.8 31.2



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: 98.816 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040541.D

Acq: 17 Apr 2019 22:30

Instrument :

BNA_G

ClientSampleId :

CL-01-041619-A

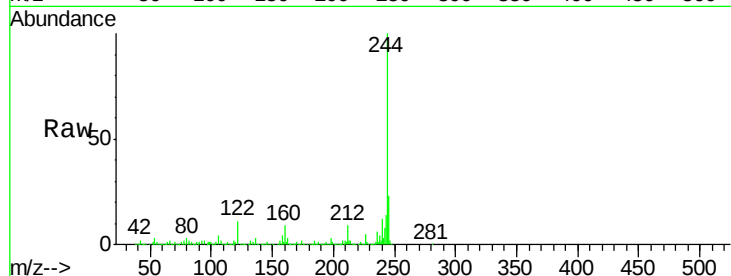
Tgt Ion:244 Resp: 1406554

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

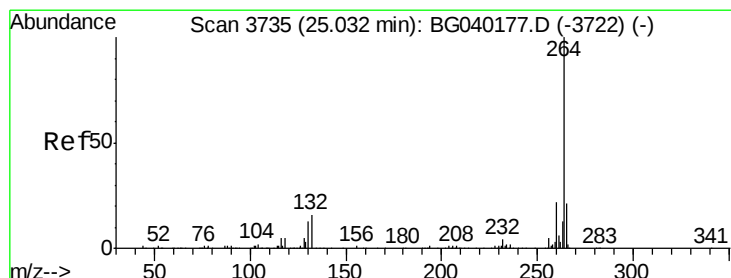
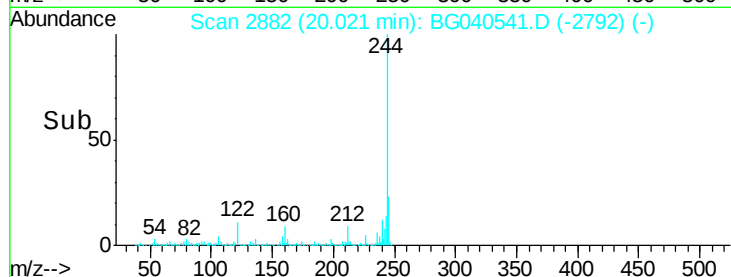
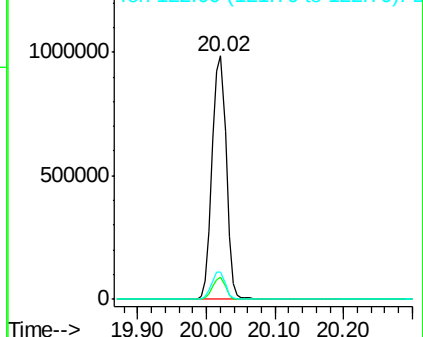
122 11.0 8.5 12.7



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: 24.96 min Scan# 3723

Delta R.T. -0.01 min

Lab File: BG040541.D

Acq: 17 Apr 2019 22:30

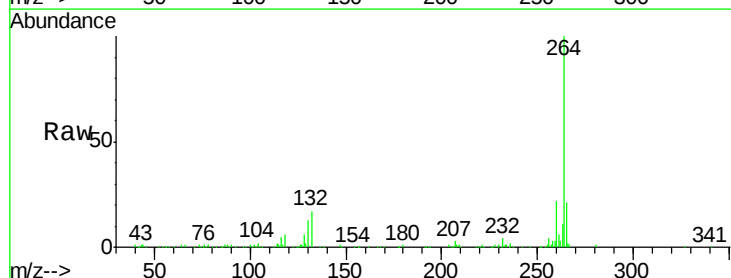
Tgt Ion:264 Resp: 336779

Ion Ratio Lower Upper

264 100

260 22.1 17.9 26.9

265 20.5 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

