

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040718.D
 Acq On : 2 May 2019 22:10
 Operator : JU/SJ
 Sample : K2652-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-4

Quant Time: May 03 07:10:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	42406	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	165167	20.00	ng	-0.01
39) Acenaphthene-d10	14.77	164	121009	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	361123	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	384298	20.00	ng	-0.02
87) Perylene-d12	25.16	264	376913	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	345656	143.68	ng	0.00
7) Phenol-d6	7.28	99	456146	123.15	ng	-0.01
23) Nitrobenzene-d5	9.32	82	392727	109.87	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	282028	169.56	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	829029	98.94	ng	-0.02
79) Terphenyl-d14	20.12	244	1854428	106.91	ng	-0.02

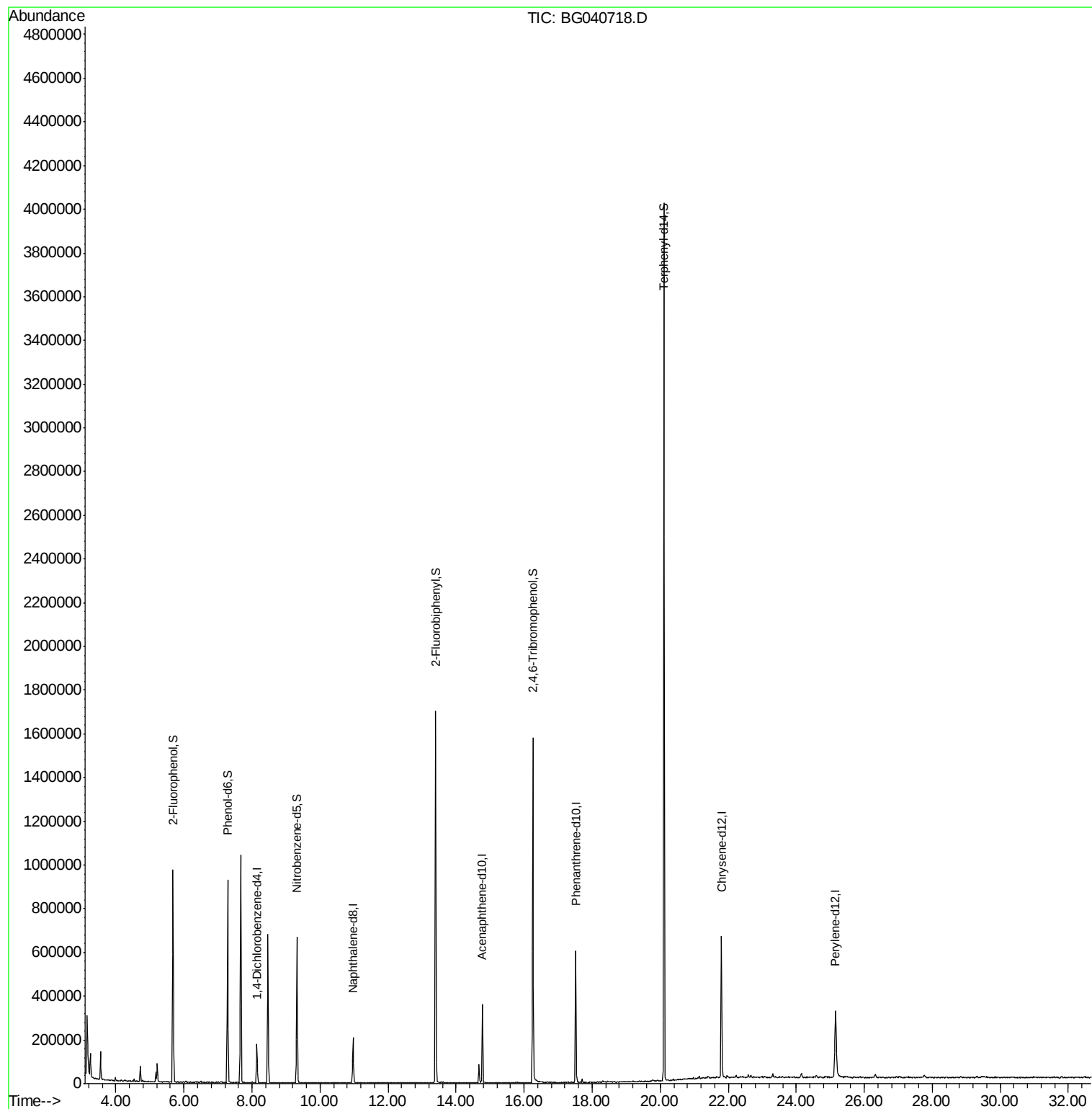
Target Compounds Qvalue

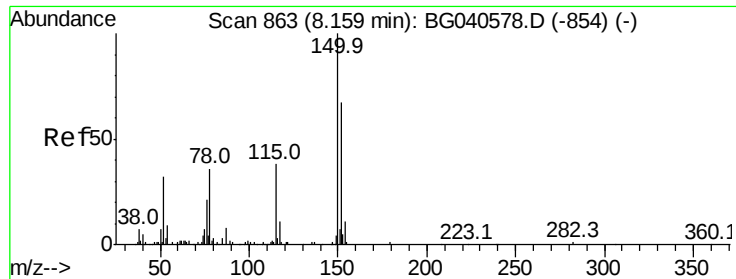
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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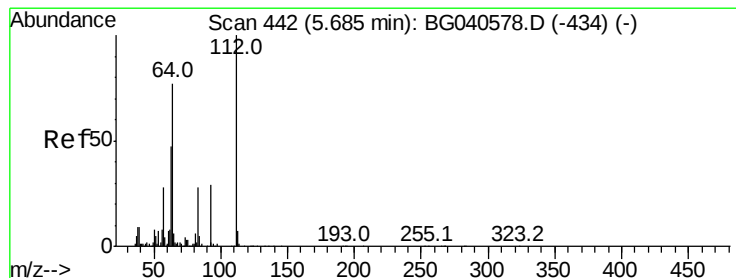
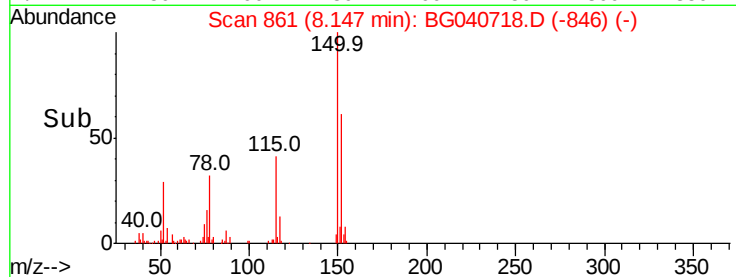
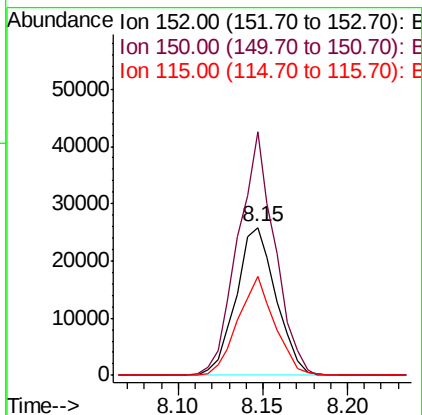
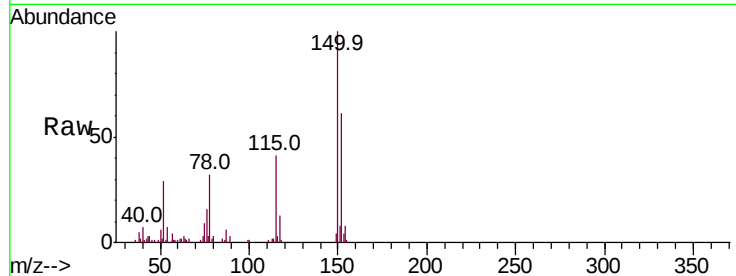


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040718.D
Acq: 2 May 2019 22:10

Instrument :
BNA_G
ClientSampleId :
DRUM-1-4

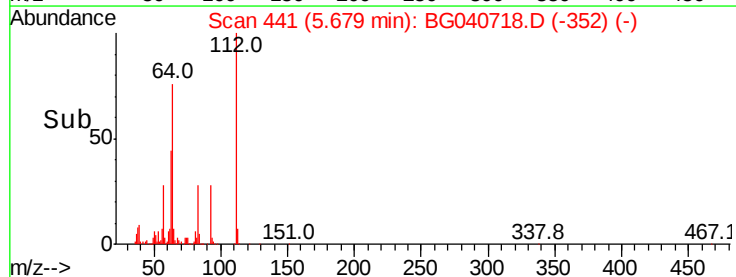
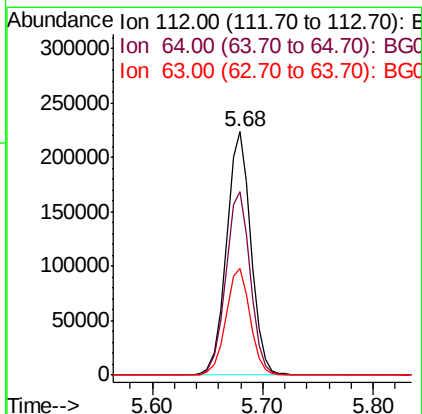
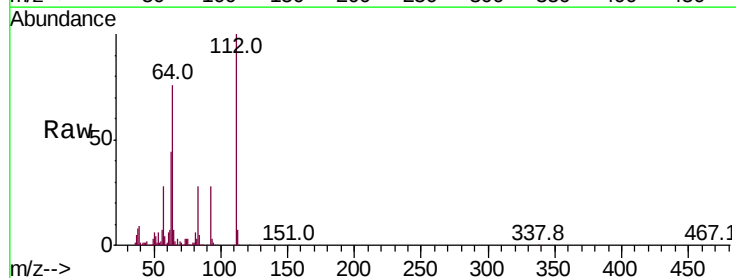
Tot Ion	Ratio	Lower	Upper
152	100		
150	164.3	120.2	180.2
115	67.1	46.2	69.2

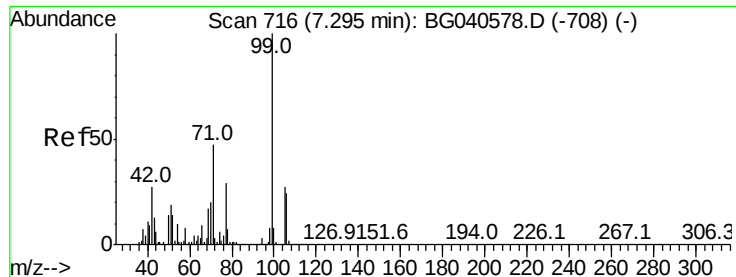


#5

2-Fluorophenol
Concen: 143.685 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.00 min
Lab File: BG040718.D
Acq: 2 May 2019 22:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.5	61.4	92.0
63	43.8	37.8	56.6





#7

Phenol-d6

Concen: 123.149 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040718.D

Acq: 2 May 2019 22:10

Instrument :

BNA_G

ClientSampleId :

DRUM-1-4

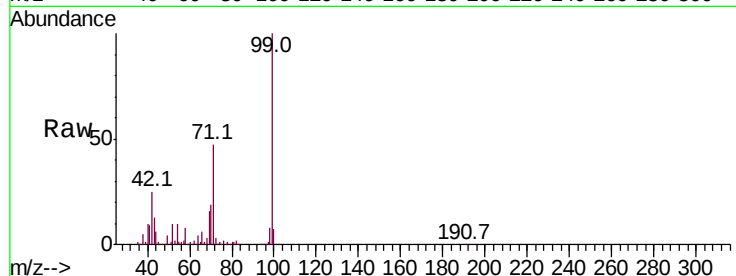
Tot Ion: 99 Resp: 456146

Ion Ratio Lower Upper

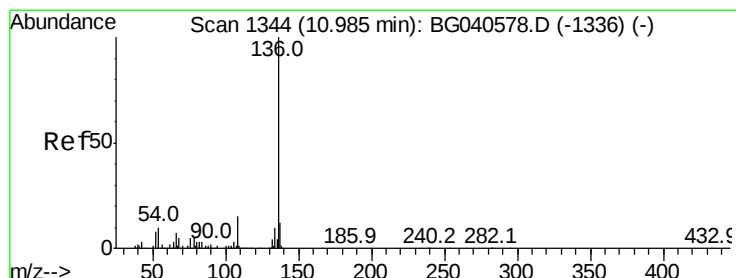
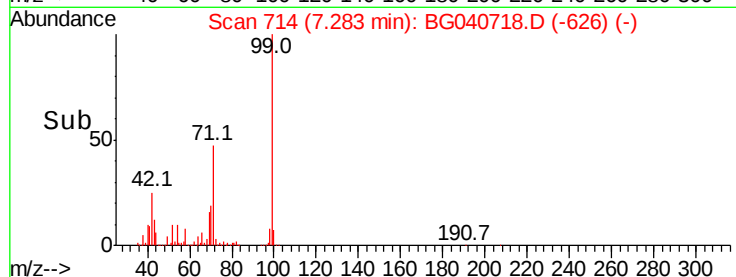
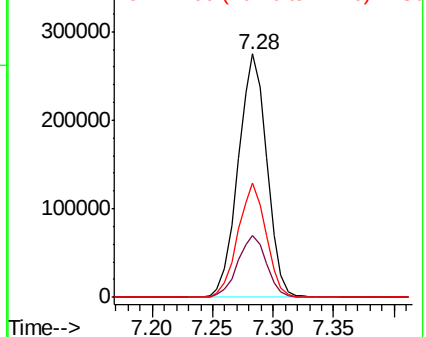
99 100

42 25.4 21.8 32.8

71 47.2 38.6 57.8



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: 10.97 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BG040718.D

Acq: 2 May 2019 22:10

Tgt Ion: 136 Resp: 165167

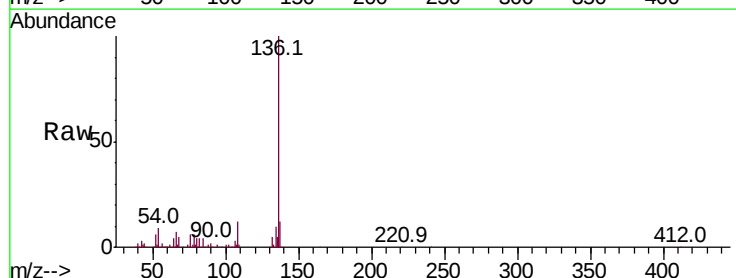
Ion Ratio Lower Upper

136 100

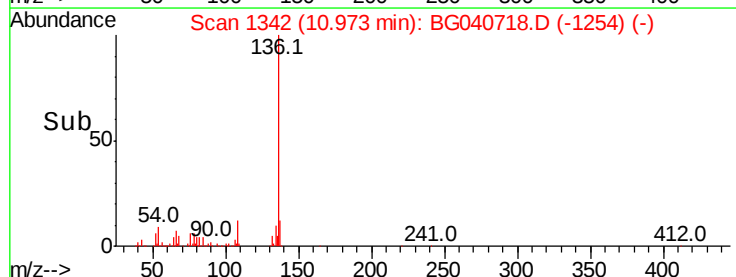
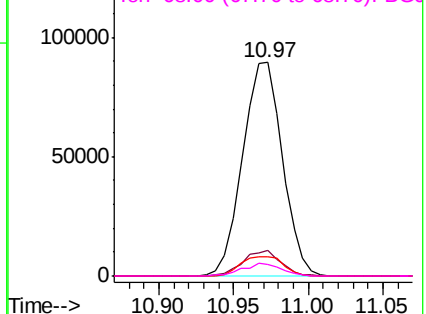
137 11.9 9.7 14.5

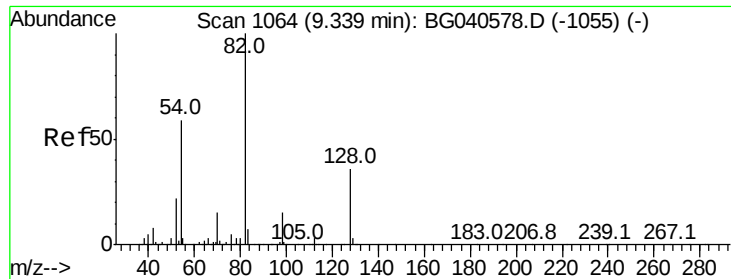
54 8.8 8.6 12.8

68 5.2 4.8 7.2



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

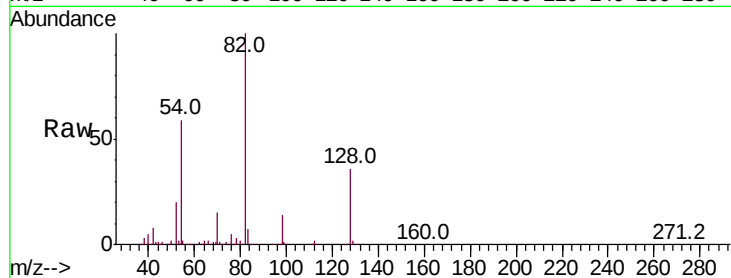




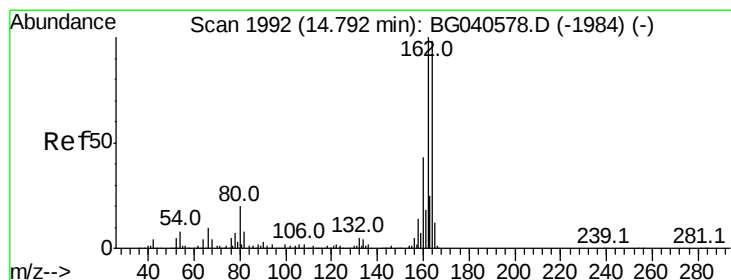
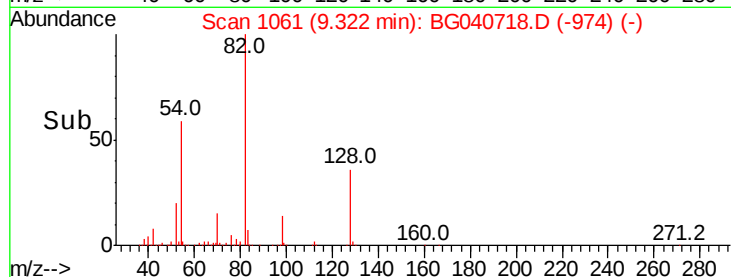
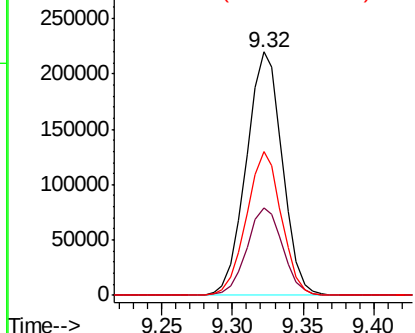
#23
 Nitrobenzene-d5
 Concen: 109.867 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040718.D
 Acq: 2 May 2019 22:10

Instrument :
 BNA_G
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 DRUM-1-4

Tot Ion	82	Resp	392727
Ion Ratio	Lower	Upper	
82	100		
128	36.0	28.9	43.3
54	59.0	47.2	70.8

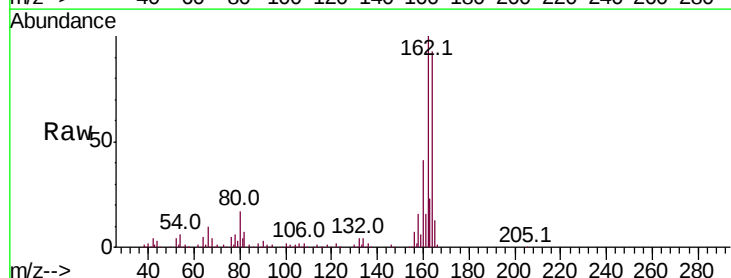


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

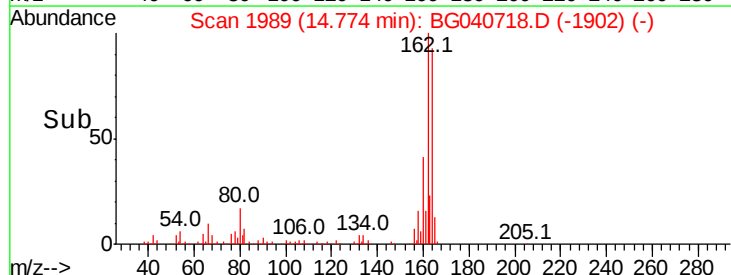
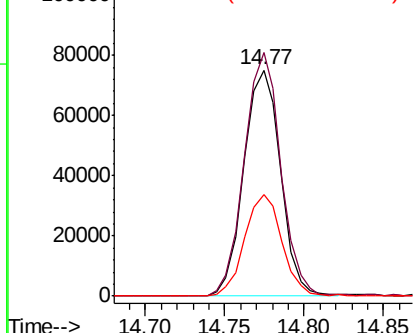


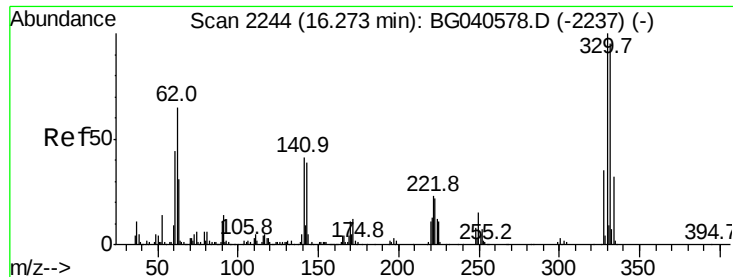
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG040718.D
 Acq: 2 May 2019 22:10

Tgt Ion	164	Resp	121009
Ion Ratio	Lower	Upper	
164	100		
162	107.6	81.9	122.9
160	44.6	35.4	53.2



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

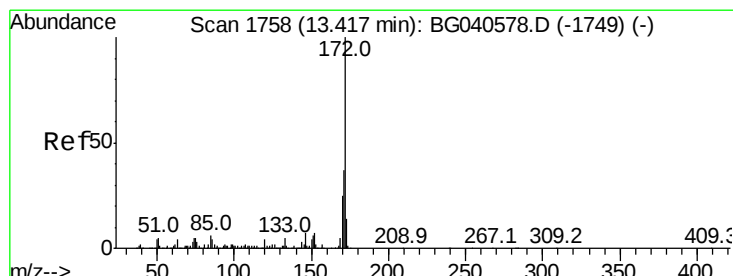
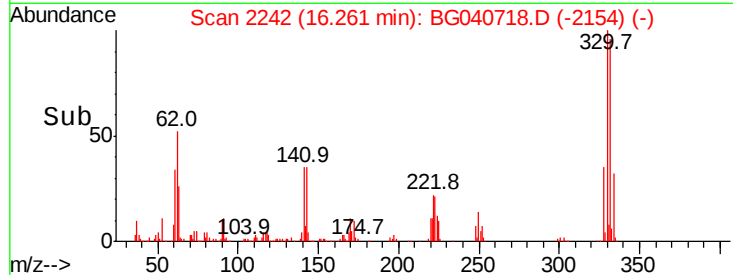
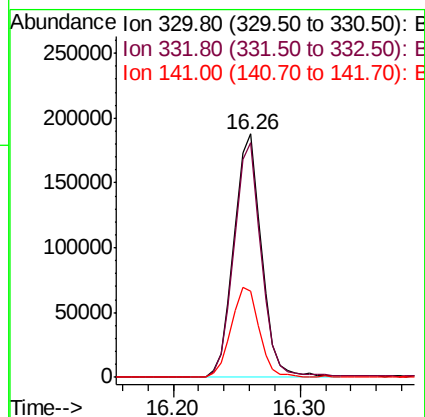
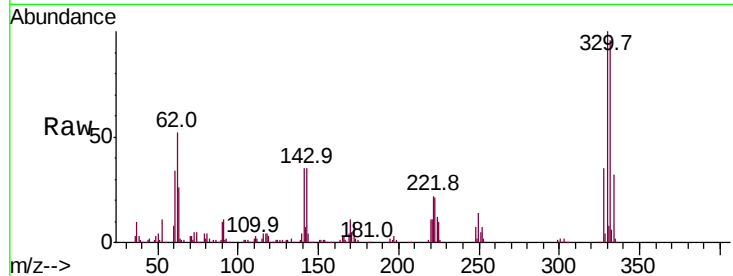




#42
 2,4,6-Tribromophenol
 Concen: 169.560 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BG040718.D
 Acq: 2 May 2019 22:10

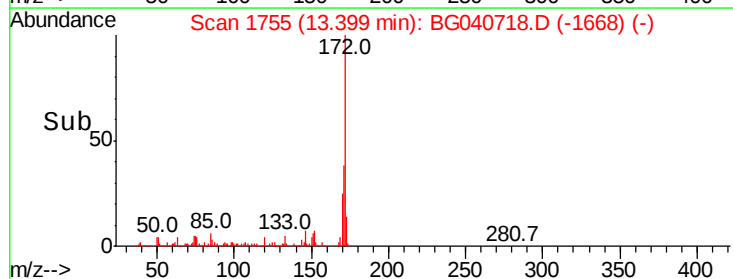
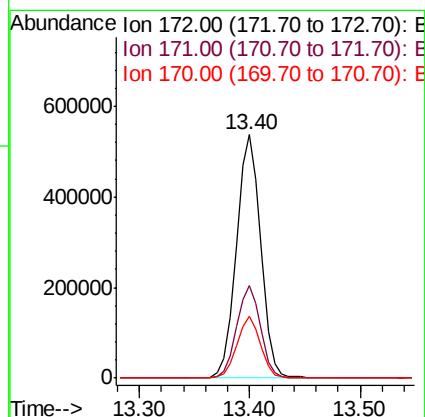
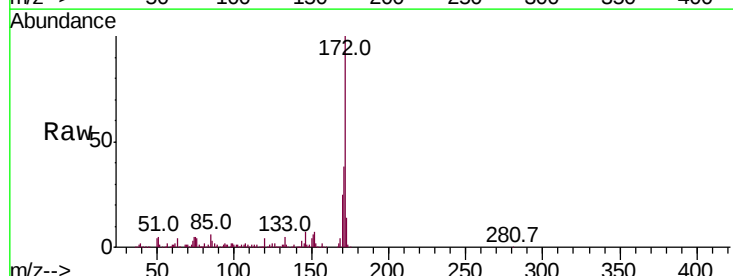
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-4

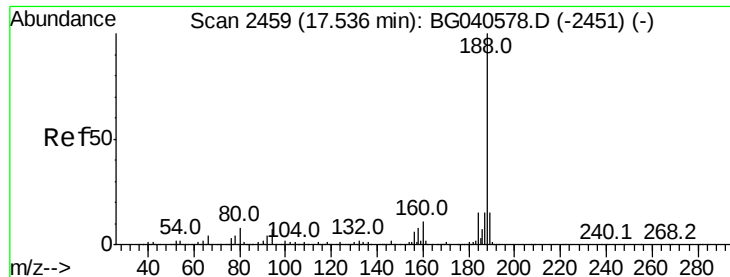
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.9	113.9
141	37.5	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 98.942 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040718.D
 Acq: 2 May 2019 22:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.4	44.2
170	25.2	19.9	29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040718.D

Acq: 2 May 2019 22:10

Instrument :

BNA_G

ClientSampleId :

DRUM-1-4

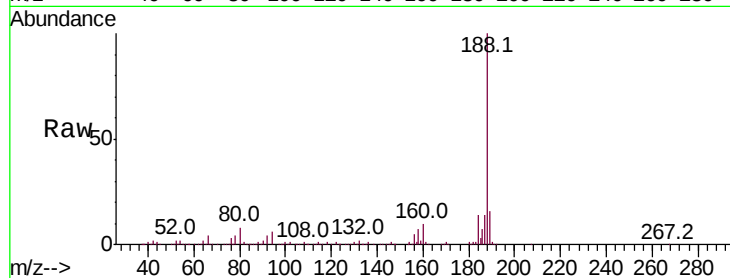
Tot Ion:188 Resp: 361123

Ion Ratio Lower Upper

188 100

94 5.9 5.6 8.4

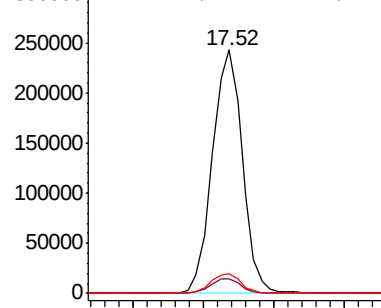
80 7.9 6.4 9.6



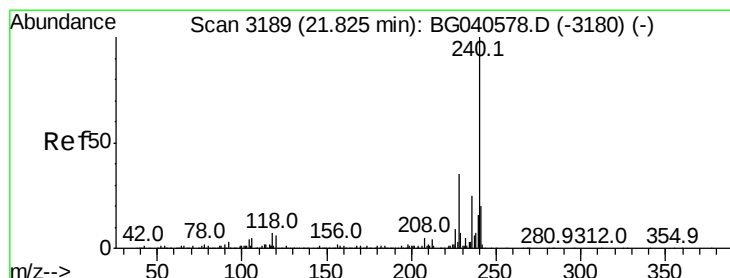
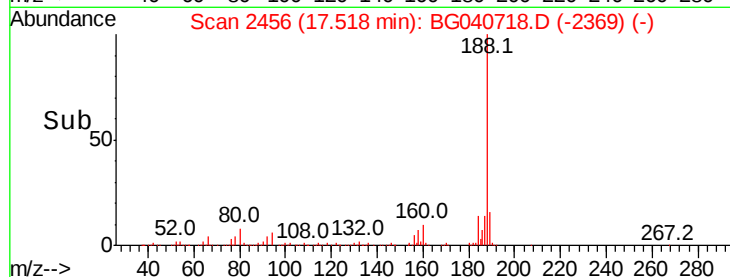
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.02 min

Lab File: BG040718.D

Acq: 2 May 2019 22:10

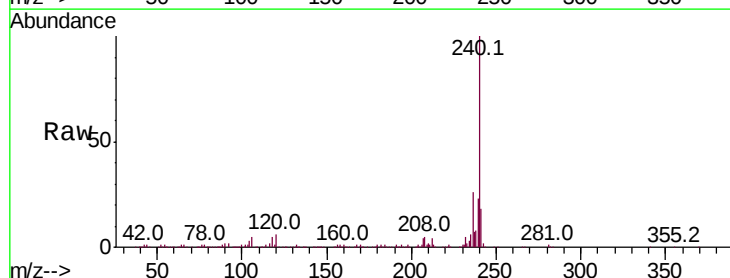
Tgt Ion:240 Resp: 384298

Ion Ratio Lower Upper

240 100

120 5.5 5.0 7.6

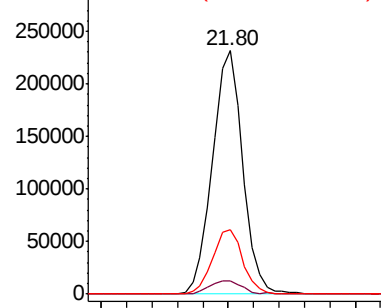
236 26.2 20.3 30.5



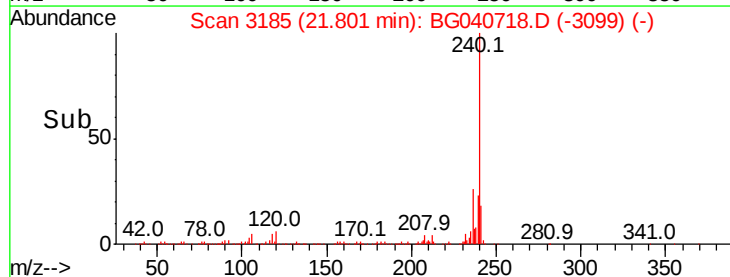
Abundance Ion 240.00 (239.70 to 240.70): E

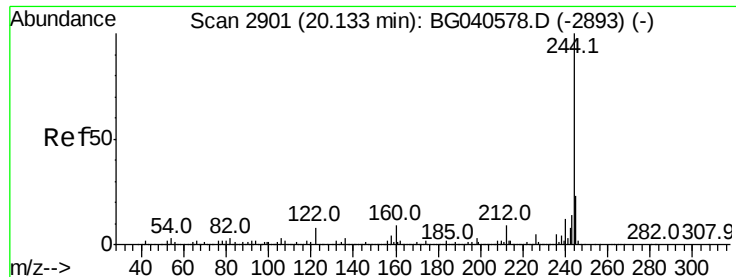
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 106.905 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040718.D

Acq: 2 May 2019 22:10

Instrument :

BNA_G

ClientSampleId :

DRUM-1-4

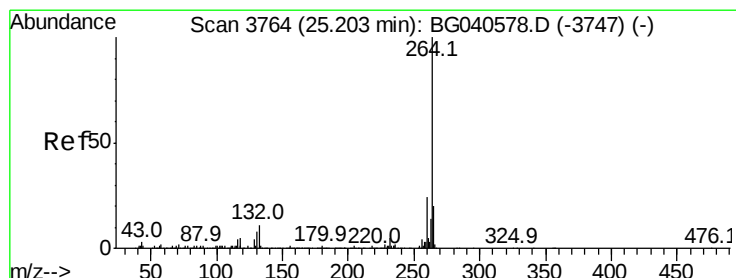
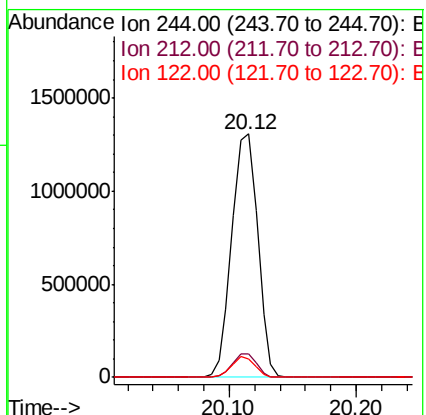
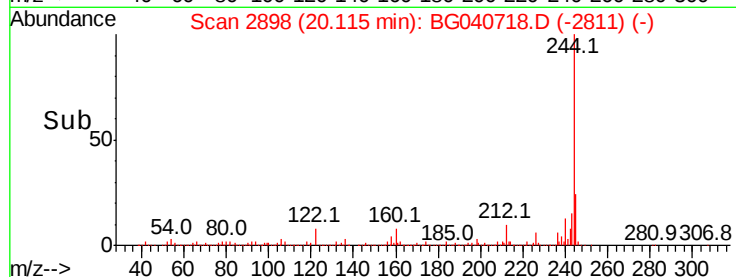
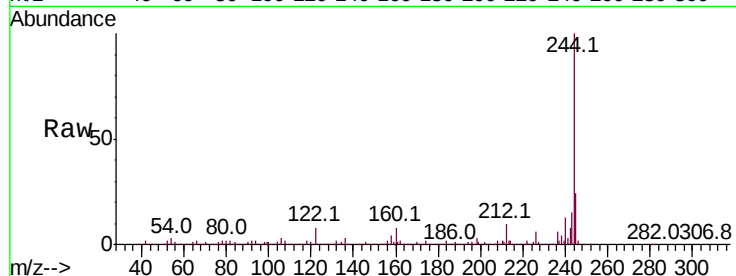
Tot Ion:244 Resp: 1854428

Ion Ratio Lower Upper

244 100

212 9.7 7.2 10.8

122 7.6 6.6 10.0



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040718.D

Acq: 2 May 2019 22:10

Tgt Ion:264 Resp: 376913

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.5 16.6 25.0

