

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
 Data File : BG040859.D
 Acq On : 10 May 2019 23:51
 Operator : HP/JU
 Sample : K2792-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-COMP

Quant Time: May 11 06:27:46 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	8.14	152	50695	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	192577	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	140585	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	380821	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	430880	20.00	ng	-0.04
87) Perylene-d12	25.13	264	447032	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	373893	130.01	ng	-0.02
7) Phenol-d6	7.27	99	506396	114.36	ng	-0.02
23) Nitrobenzene-d5	9.31	82	394787	94.72	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	335564	173.65	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	903986	92.86	ng	-0.03
79) Terphenyl-d14	20.10	244	1883006	96.82	ng	-0.03

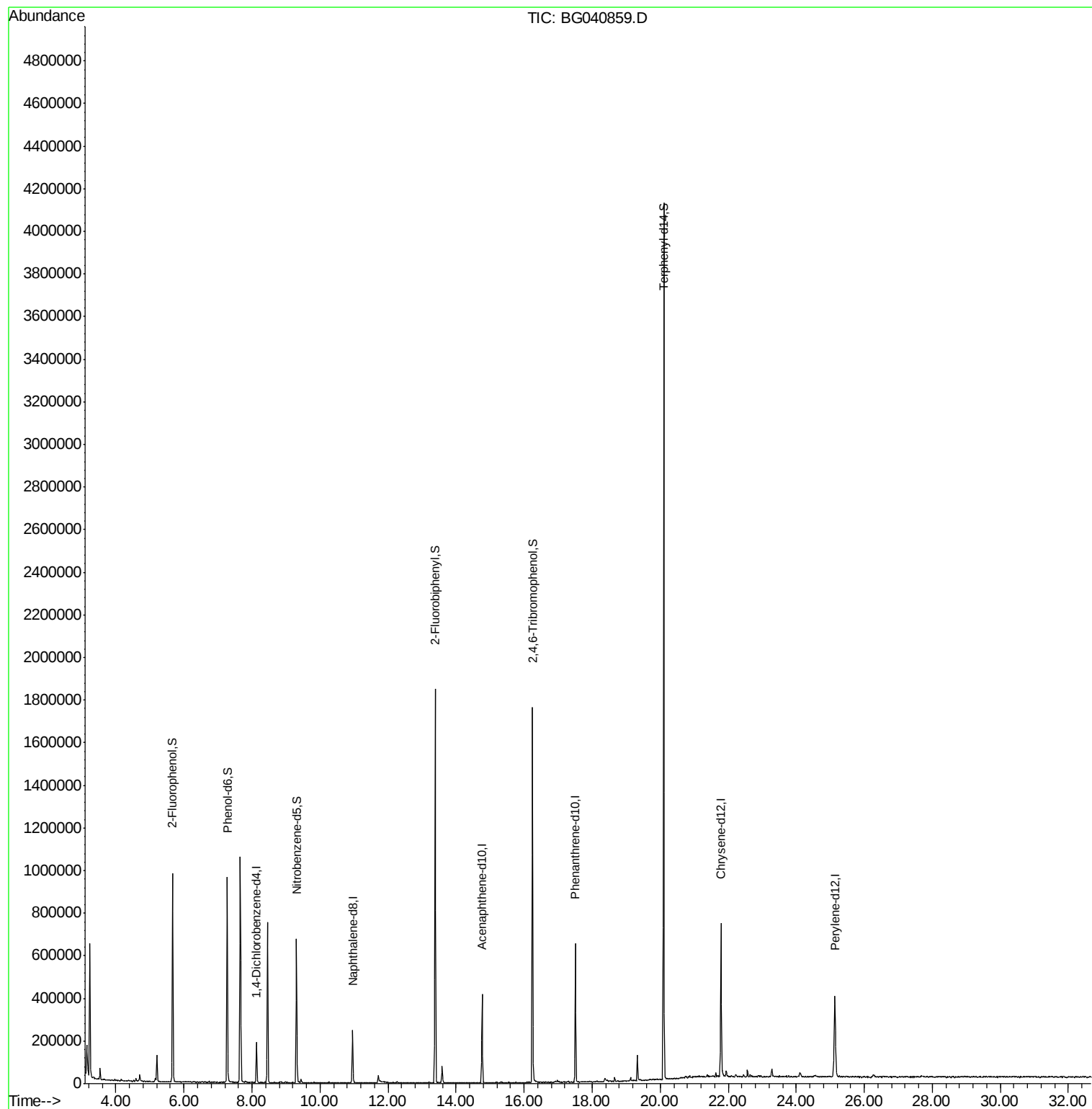
Target Compounds	Qvalue
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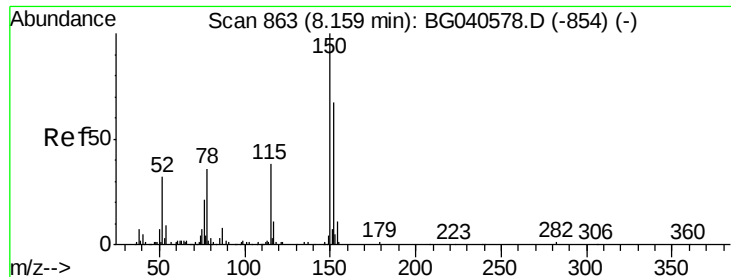
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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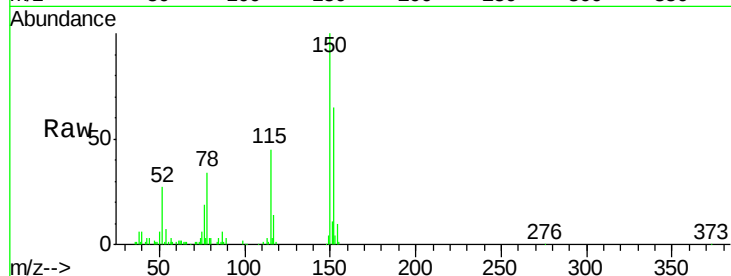


#1

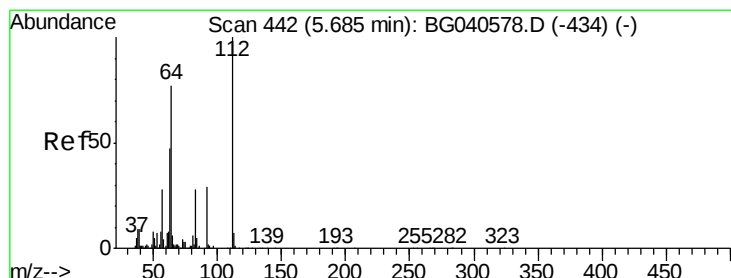
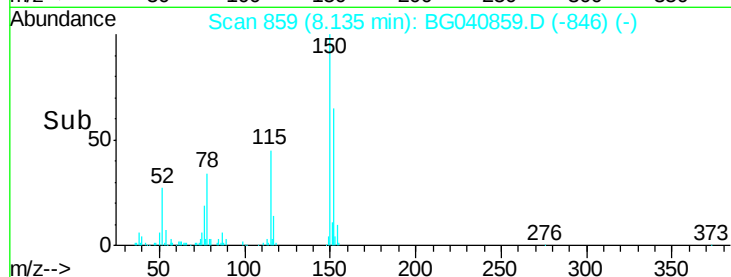
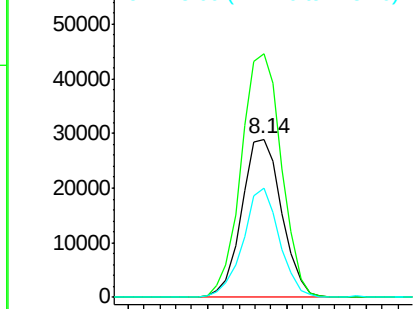
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040859.D
Acq: 10 May 2019 23:51

Instrument :
BNA_G
ClientSampleId :
DRUM-COMP

Tgt Ion:152 Resp: 50695
Ion Ratio Lower Upper
152 100
150 153.7 120.2 180.2
115 68.7 46.2 69.2



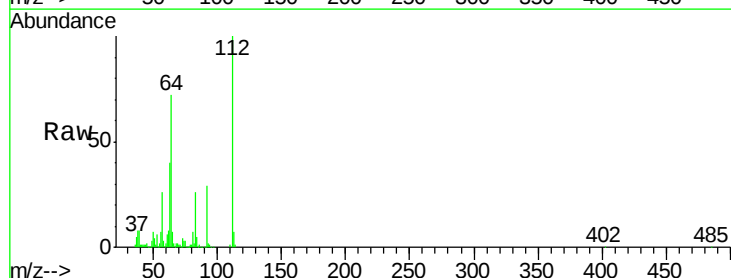
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



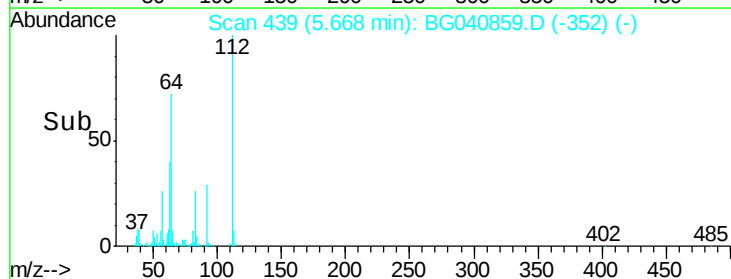
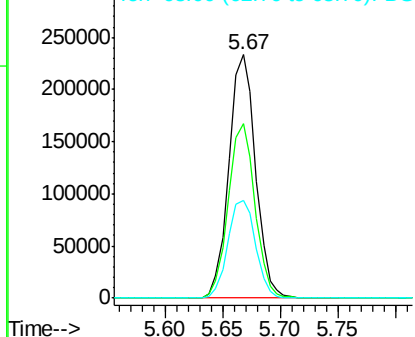
#5

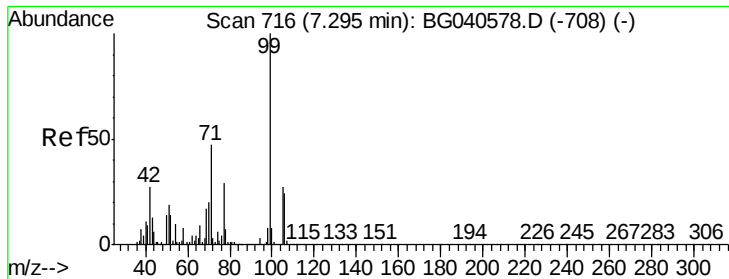
2-Fluorophenol
Concen: 130.010 ng
RT: 5.67 min Scan# 439
Delta R.T. -0.02 min
Lab File: BG040859.D
Acq: 10 May 2019 23:51

Tgt Ion:112 Resp: 373893
Ion Ratio Lower Upper
112 100
64 71.8 61.4 92.0
63 40.1 37.8 56.6



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: 114.361 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040859.D

Acq: 10 May 2019 23:51

Instrument :

BNA_G

ClientSampleId :

DRUM-COMP

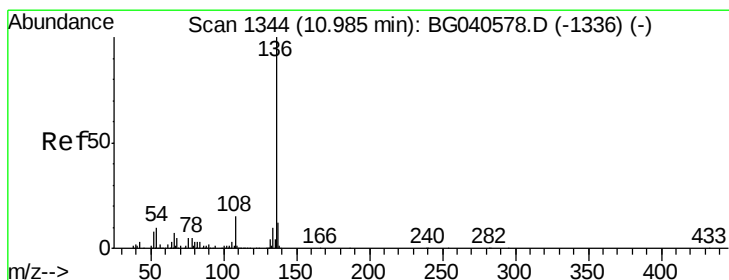
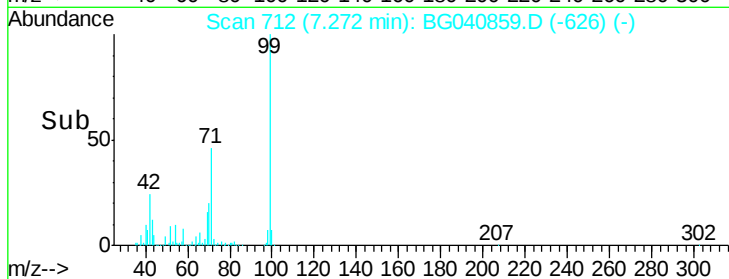
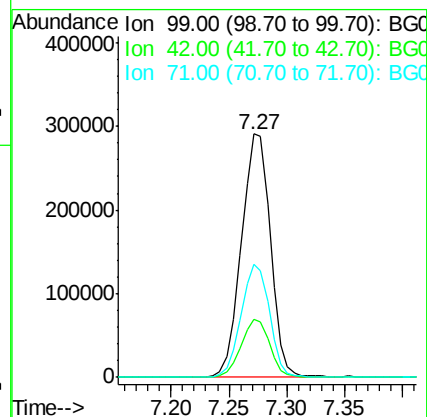
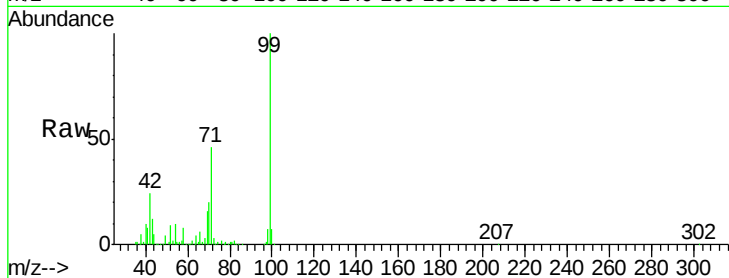
Tgt Ion: 99 Resp: 506396

Ion Ratio Lower Upper

99 100

42 23.9 21.8 32.8

71 46.2 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040859.D

Acq: 10 May 2019 23:51

Tgt Ion: 136 Resp: 192577

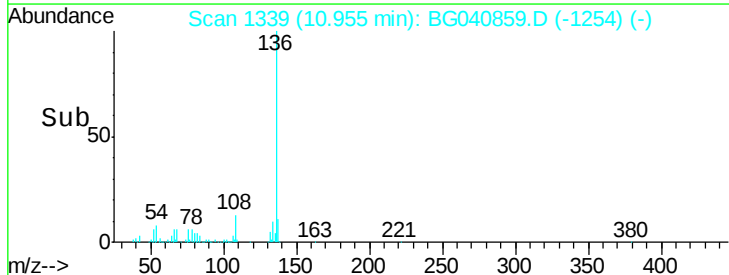
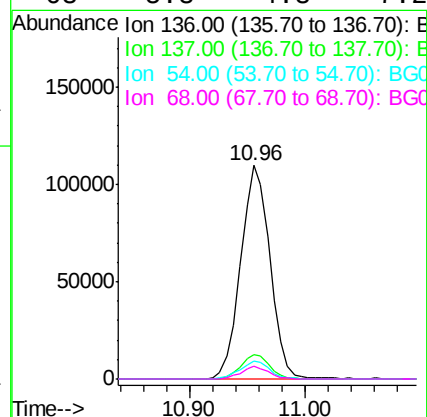
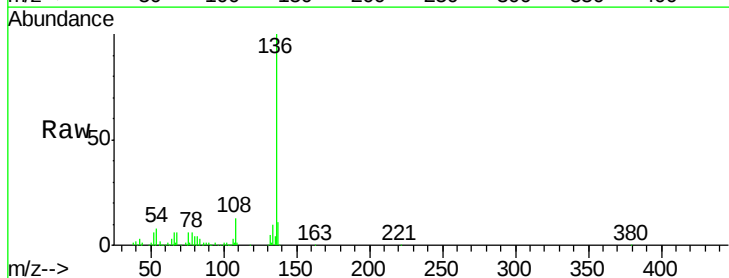
Ion Ratio Lower Upper

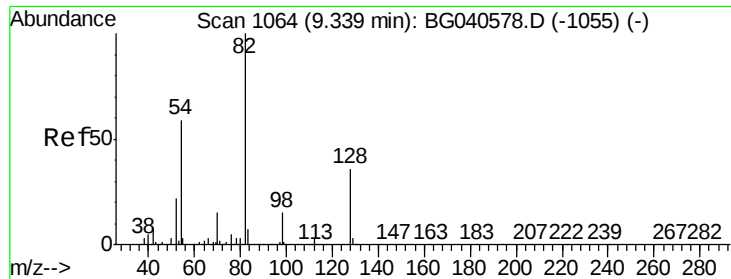
136 100

137 11.5 9.7 14.5

54 8.3 8.6 12.8#

68 5.8 4.8 7.2

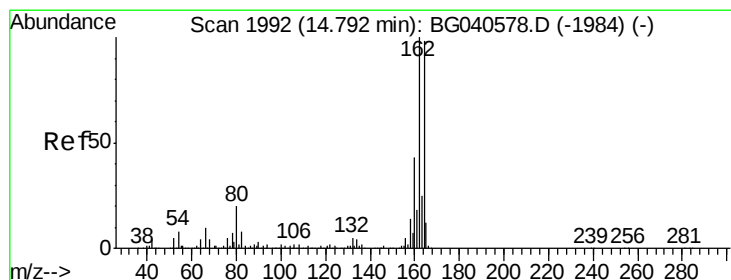
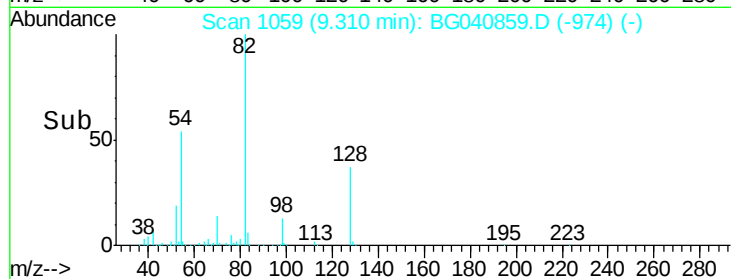
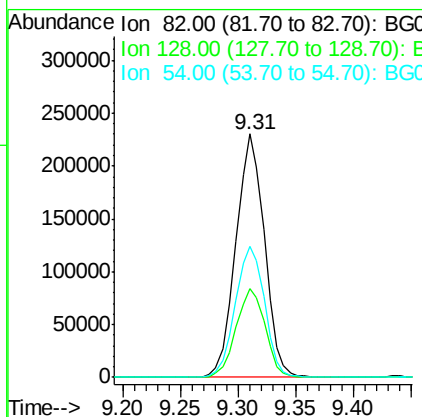
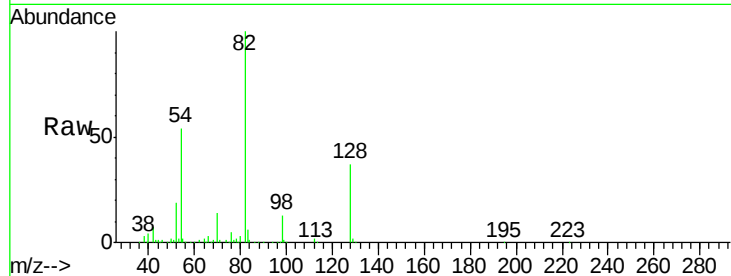




#23
Nitrobenzene-d5
Concen: 94.724 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040859.D
Acq: 10 May 2019 23:51

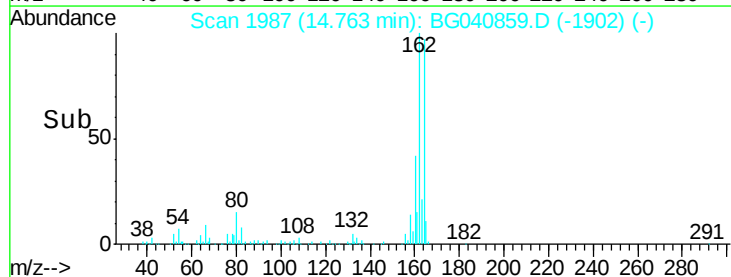
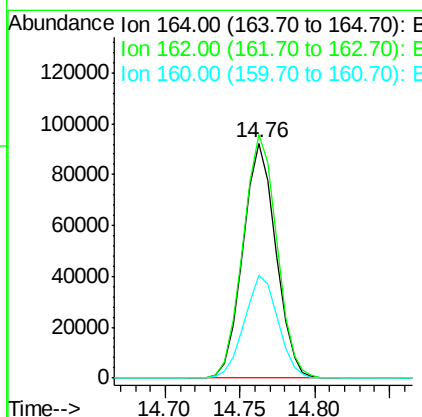
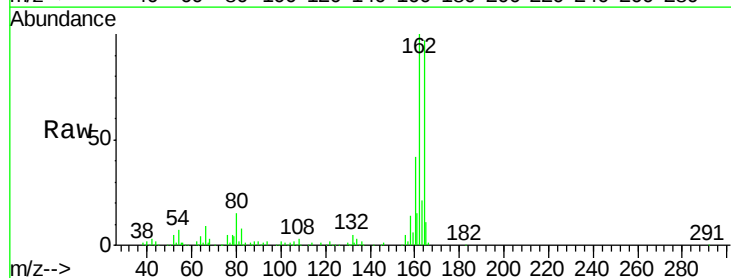
Instrument :
BNA_G
ClientSampleId :
DRUM-COMP

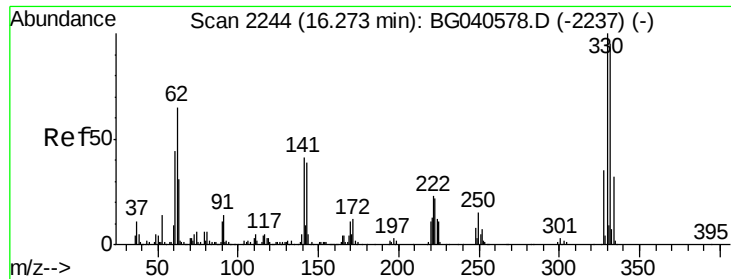
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.6	28.9	43.3
54	53.9	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040859.D
Acq: 10 May 2019 23:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.9	122.9
160	43.6	35.4	53.2

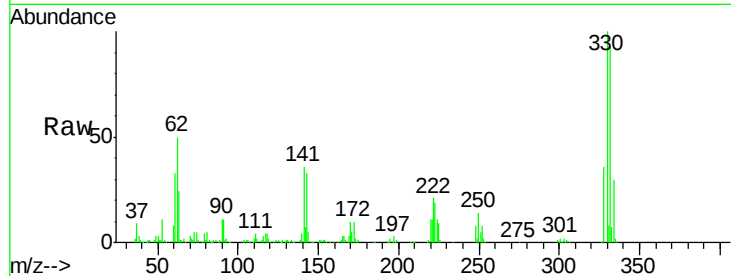




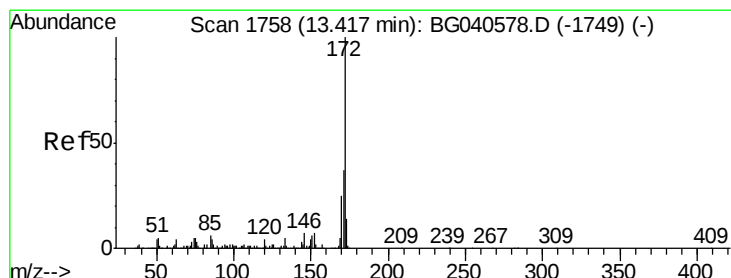
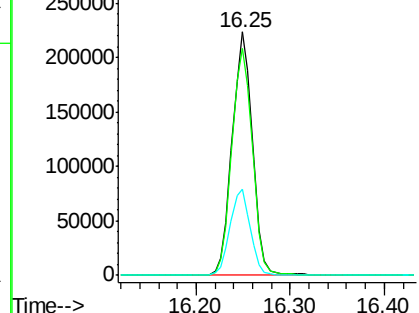
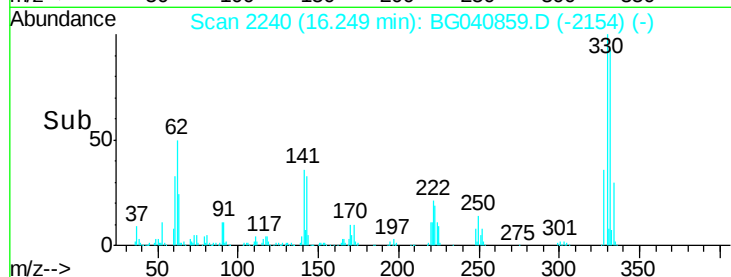
#42
 2,4,6-Tribromophenol
 Concen: 173.654 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BG040859.D
 Acq: 10 May 2019 23:51

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.9	113.9
141	35.6	32.4	48.6

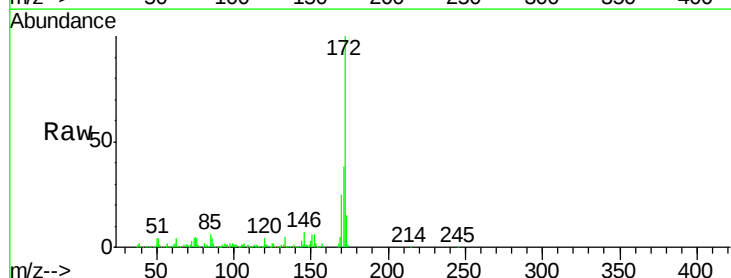


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

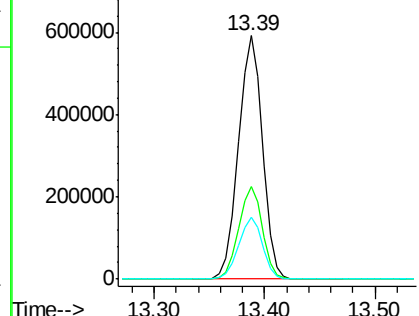
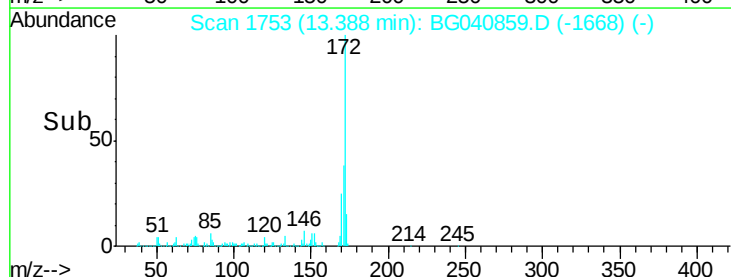


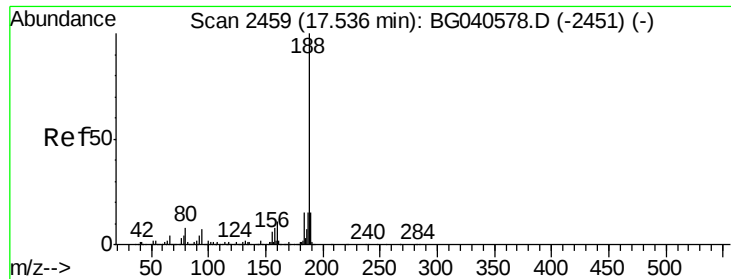
#45
 2-Fluorobiphenyl
 Concen: 92.865 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040859.D
 Acq: 10 May 2019 23:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.4	44.2
170	25.2	19.9	29.9



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: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040859.D

Acq: 10 May 2019 23:51

Instrument :

BNA_G

ClientSampleId :

DRUM-COMP

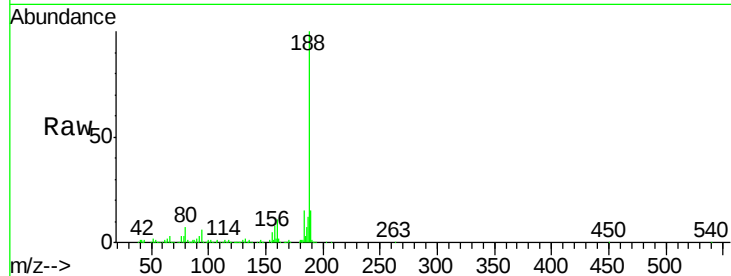
Tgt Ion:188 Resp: 380821

Ion Ratio Lower Upper

188 100

94 5.9 5.6 8.4

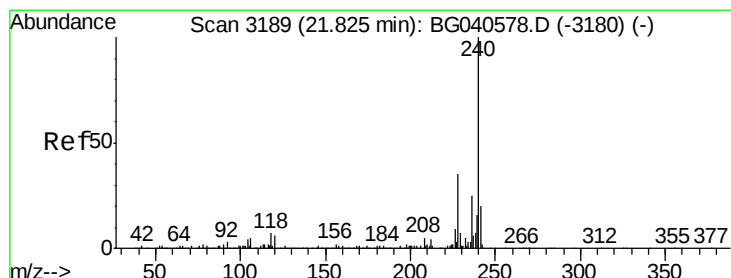
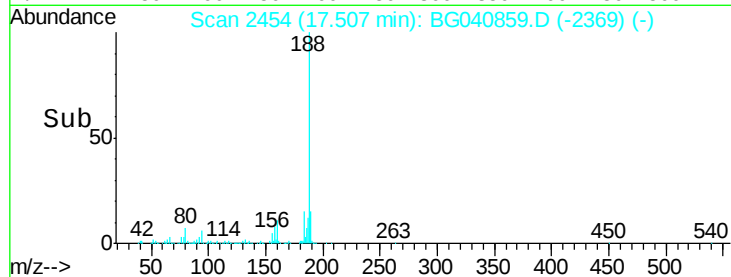
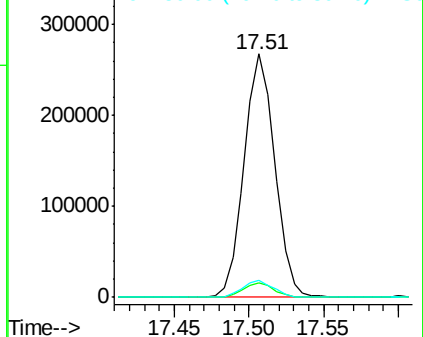
80 6.8 6.4 9.6



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: 21.79 min Scan# 3183

Delta R.T. -0.04 min

Lab File: BG040859.D

Acq: 10 May 2019 23:51

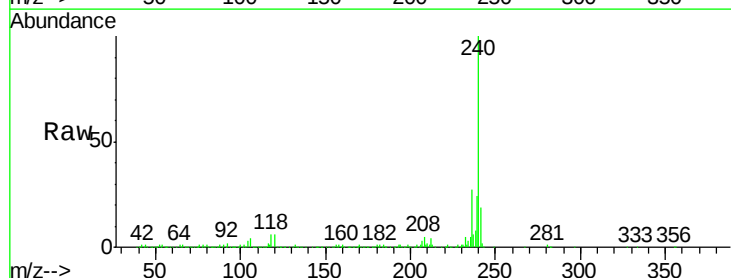
Tgt Ion:240 Resp: 430880

Ion Ratio Lower Upper

240 100

120 5.7 5.0 7.6

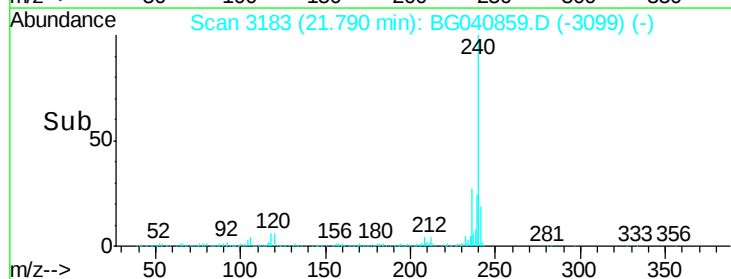
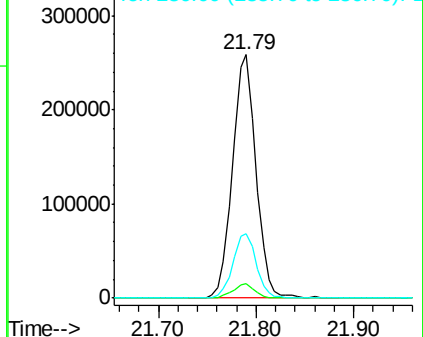
236 26.6 20.3 30.5

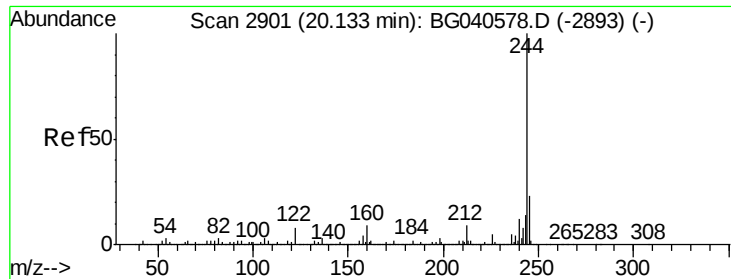


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.817 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040859.D

Acq: 10 May 2019 23:51

Instrument :

BNA_G

ClientSampleId :

DRUM-COMP

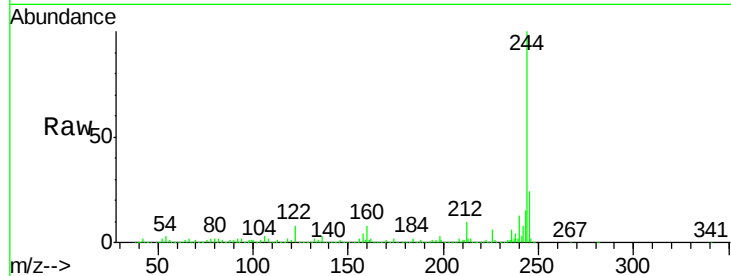
Tgt Ion:244 Resp: 1883006

Ion Ratio Lower Upper

244 100

212 9.8 7.2 10.8

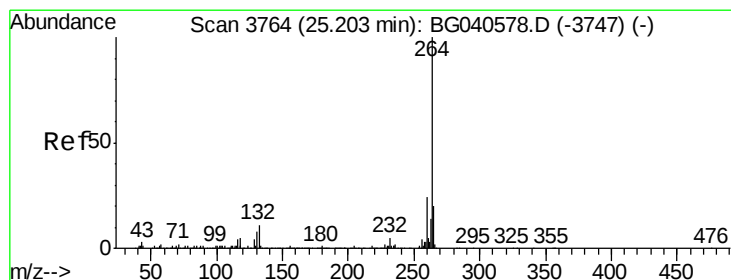
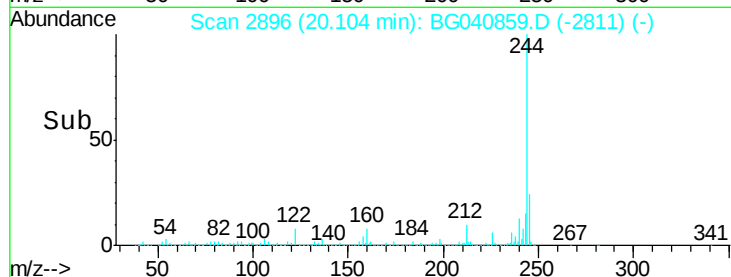
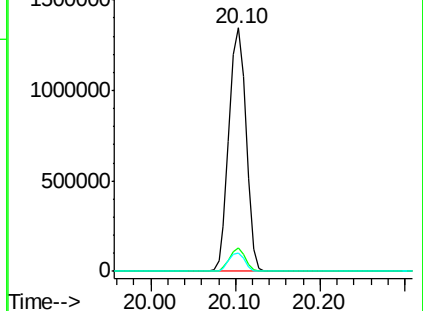
122 7.6 6.6 10.0



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: 25.13 min Scan# 3752

Delta R.T. -0.07 min

Lab File: BG040859.D

Acq: 10 May 2019 23:51

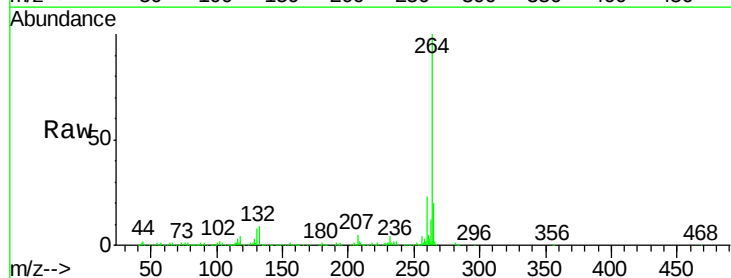
Tgt Ion:264 Resp: 447032

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 19.6 16.6 25.0



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

