

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041233.D
 Acq On : 13 Jun 2019 23:20
 Operator : HP/JU
 Sample : K3159-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-B

Quant Time: Jun 14 09:11:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	40042	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	157331	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	112375	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	271995	20.00	ng	0.00
76) Chrysene-d12	21.76	240	258539	20.00	ng	0.00
87) Perylene-d12	25.08	264	187401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	285116	128.40	ng	0.00
7) Phenol-d6	7.25	99	386579	112.72	ng	0.00
23) Nitrobenzene-d5	9.28	82	343730	96.99	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	200662	120.28	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	818315	104.87	ng	0.00
79) Terphenyl-d14	20.07	244	1334209	109.53	ng	0.00

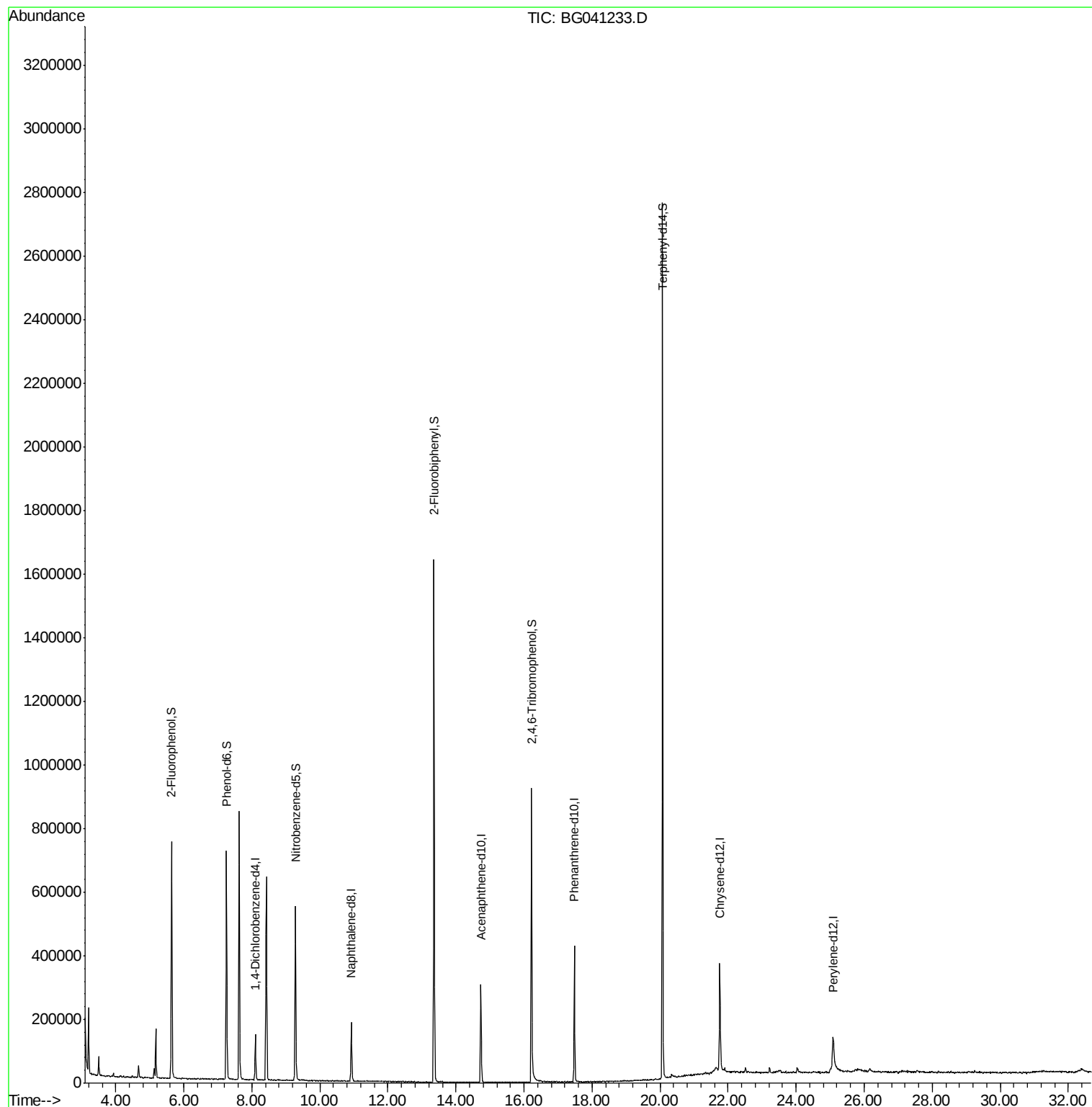
Target Compounds Qvalue

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

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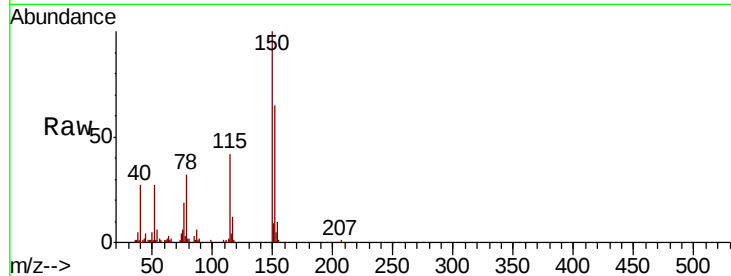


#1

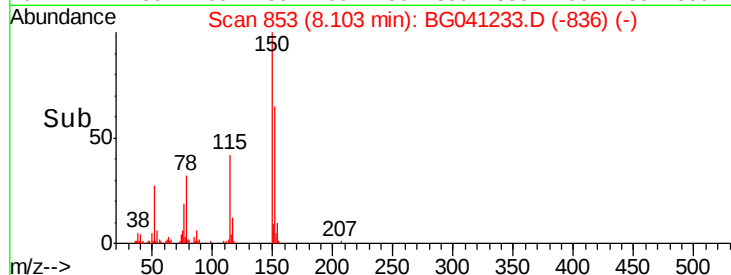
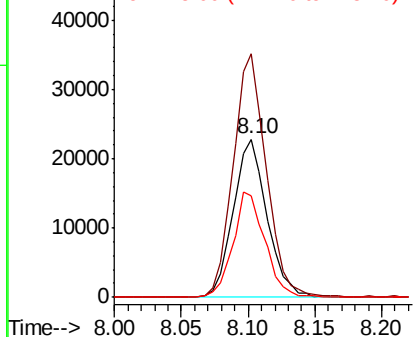
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041233.D
Acq: 13 Jun 2019 23:20

Instrument :
BNA_G
ClientSampleId :
OR-03-061119-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	120.6	180.8
115	63.8	45.1	67.7



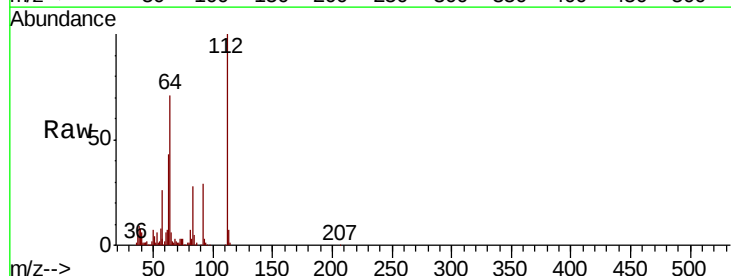
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



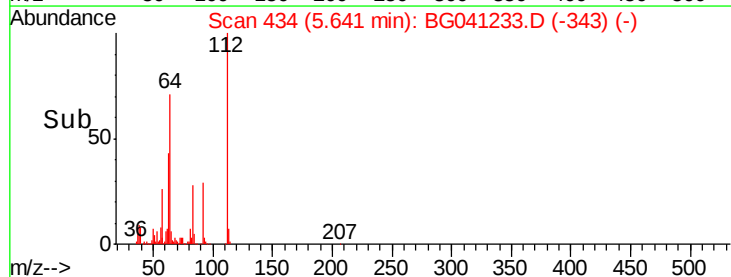
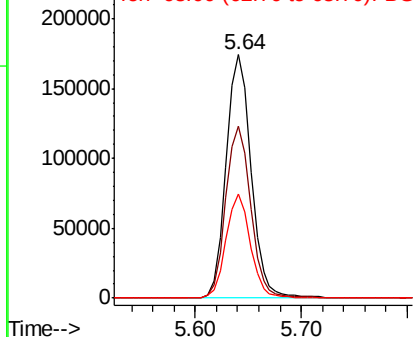
#5

2-Fluorophenol
Concen: 128.396 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041233.D
Acq: 13 Jun 2019 23:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	56.2	84.2
63	42.6	32.8	49.2



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: 112.723 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041233.D

Acq: 13 Jun 2019 23:20

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-B

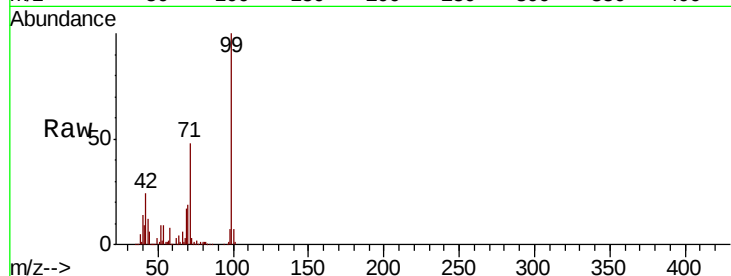
Tot Ion: 99 Resp: 386579

Ion Ratio Lower Upper

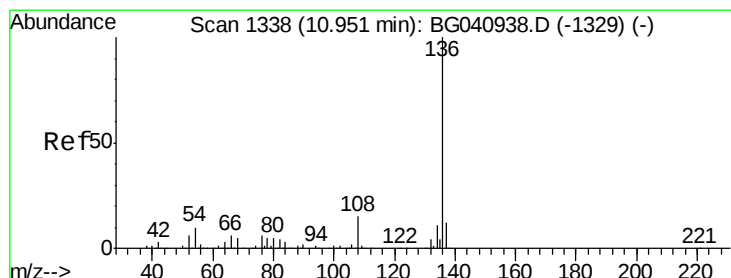
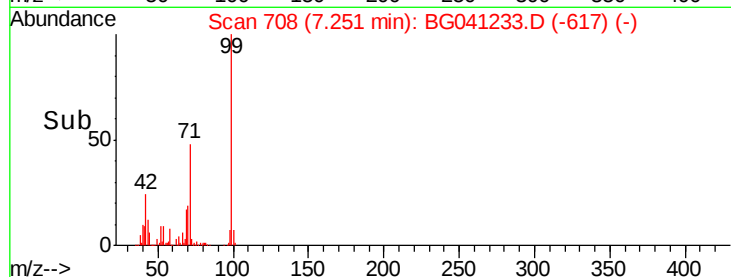
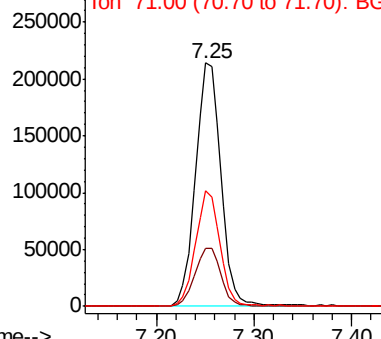
99 100

42 23.9 17.9 26.9

71 47.5 35.4 53.0



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: 10.92 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BG041233.D

Acq: 13 Jun 2019 23:20

Tgt Ion: 136 Resp: 157331

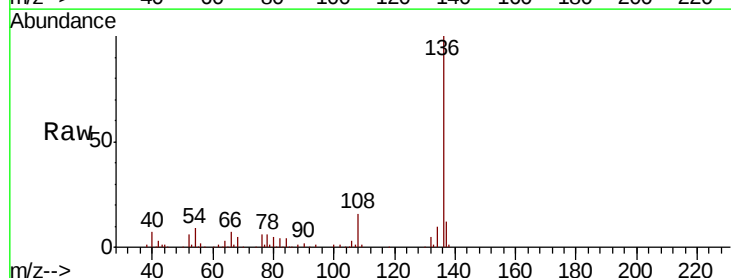
Ion Ratio Lower Upper

136 100

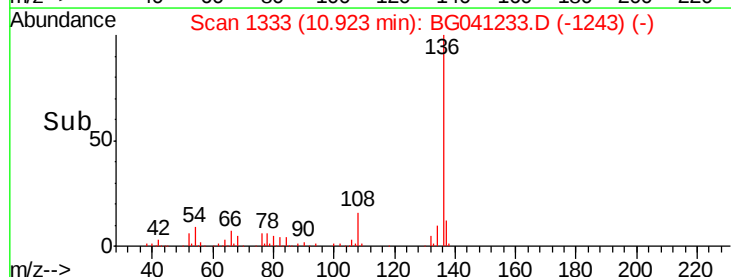
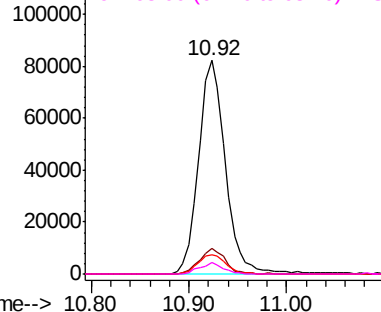
137 12.0 9.5 14.3

54 8.8 7.6 11.4

68 5.2 3.9 5.9



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

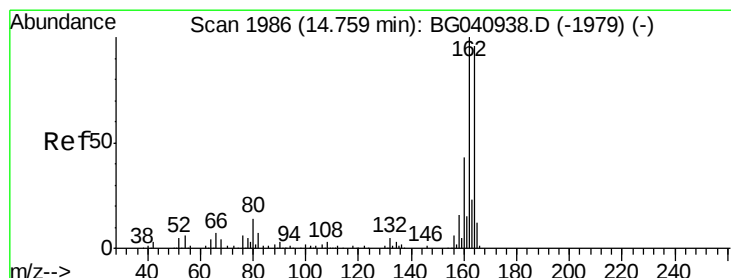
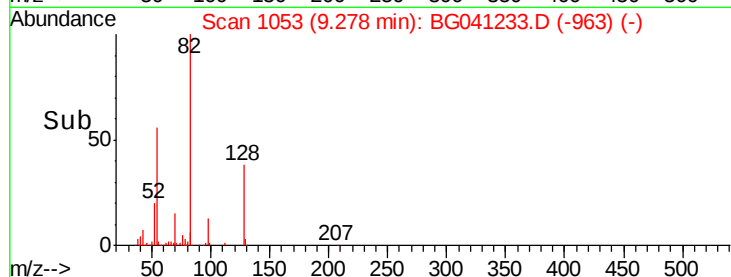
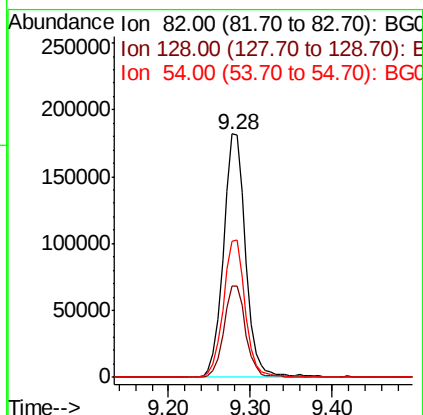
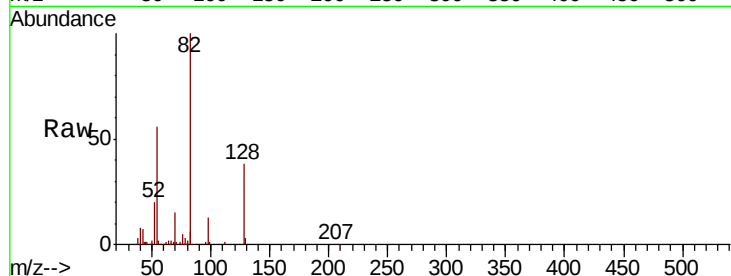




#23
Nitrobenzene-d5
Concen: 96.989 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG041233.D
Acq: 13 Jun 2019 23:20

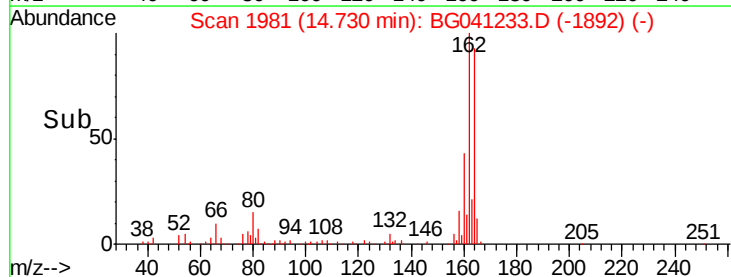
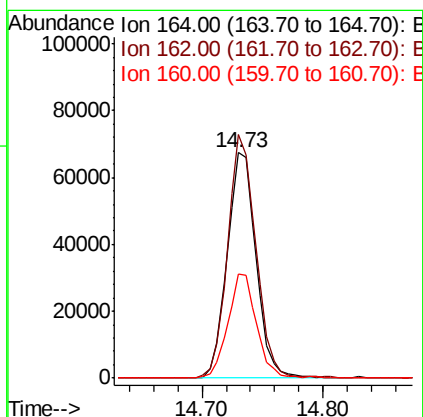
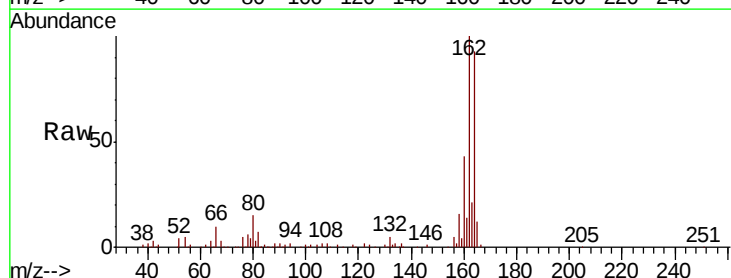
Instrument :
BNA_G
ClientSampleId :
OR-03-061119-B

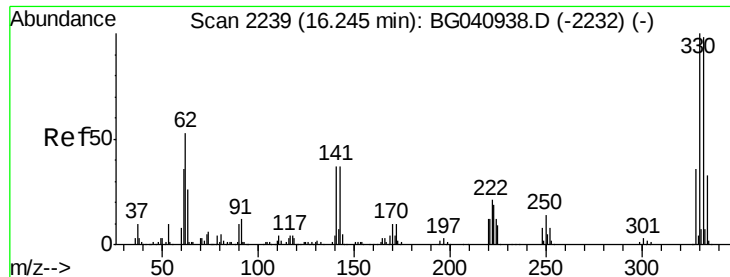
Tot Ion	82	Resp	343730
Ion Ratio	Lower	Upper	
82	100		
128	37.6	30.5	45.7
54	55.9	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG041233.D
Acq: 13 Jun 2019 23:20

Tgt Ion	164	Resp	112375
Ion Ratio	Lower	Upper	
164	100		
162	108.0	83.0	124.4
160	46.0	35.6	53.4

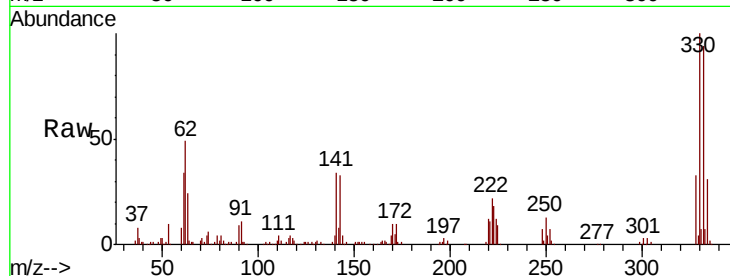




#42
 2,4,6-Tribromophenol
 Concen: 120.280 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG041233.D
 Acq: 13 Jun 2019 23:20

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061119-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.5	117.7
141	36.8	28.7	43.1

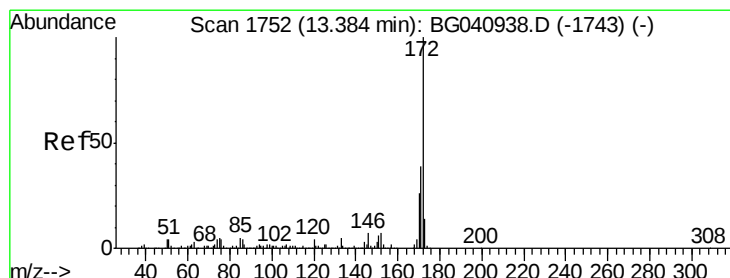
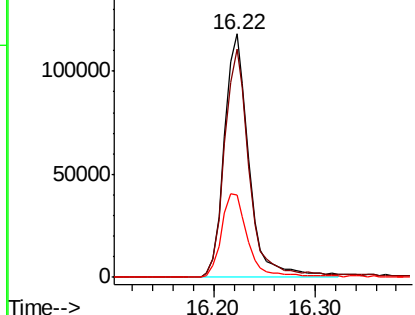
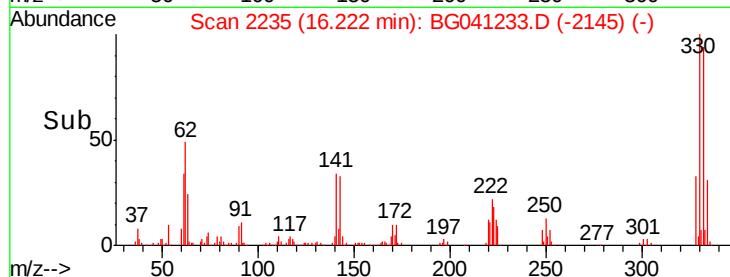


Abundance

Ion 329.80 (329.50 to 330.50): E

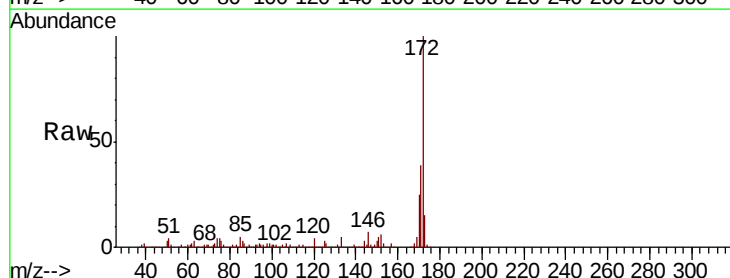
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 104.869 ng
 RT: 13.36 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG041233.D
 Acq: 13 Jun 2019 23:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.1	46.7
170	24.6	20.5	30.7

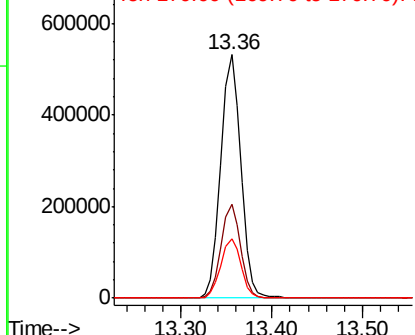
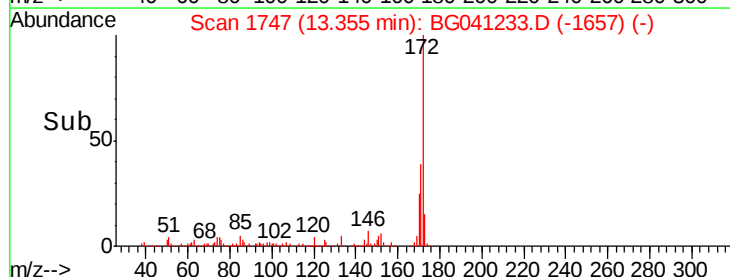


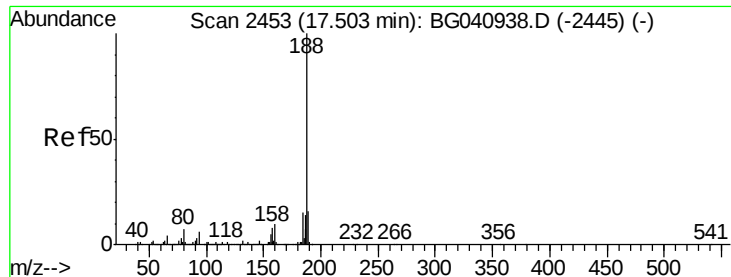
Abundance

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: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041233.D

Acq: 13 Jun 2019 23:20

Instrument :

BNA_G

ClientSampleId :

OR-03-061119-B

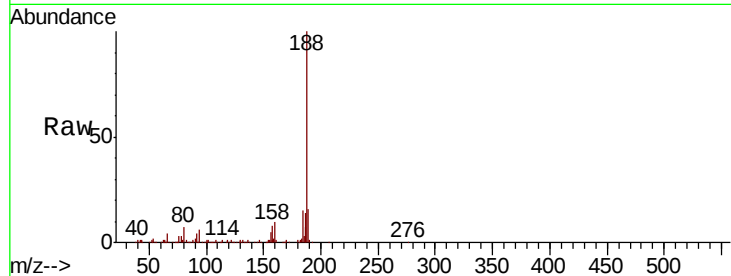
Tot Ion:188 Resp: 271995

Ion Ratio Lower Upper

188 100

94 6.2 4.7 7.1

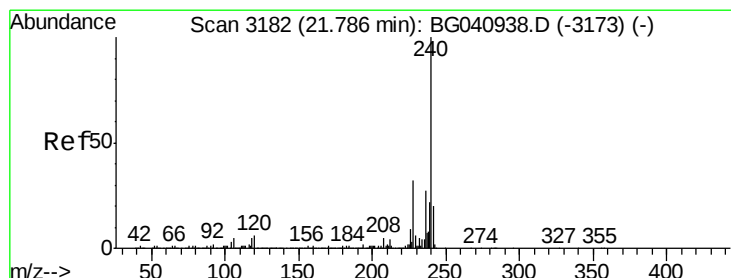
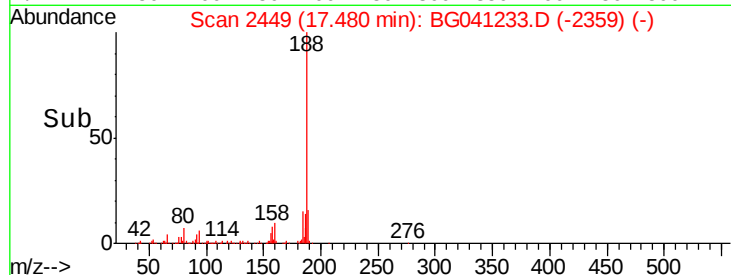
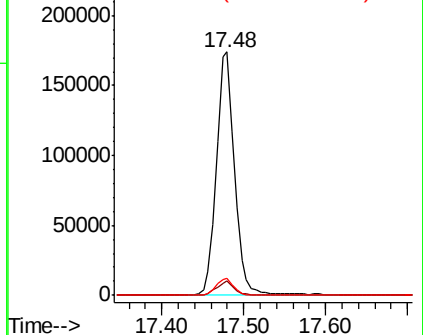
80 7.0 5.8 8.8



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: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG041233.D

Acq: 13 Jun 2019 23:20

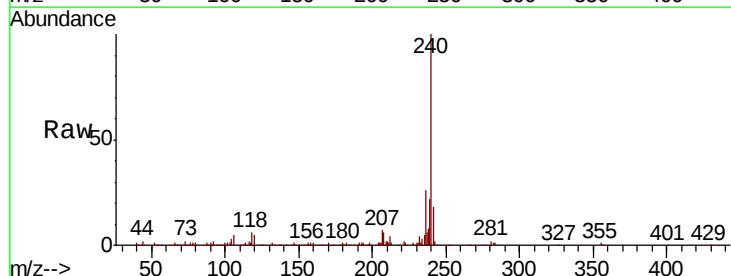
Tgt Ion:240 Resp: 258539

Ion Ratio Lower Upper

240 100

120 4.6 4.5 6.7

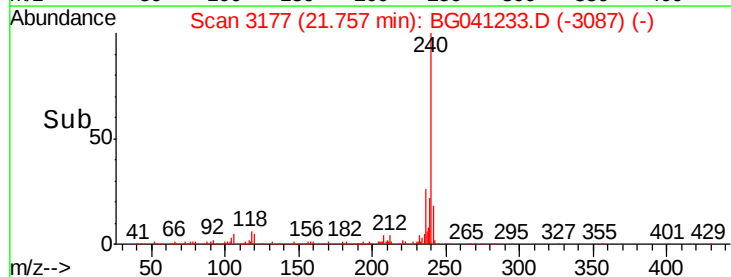
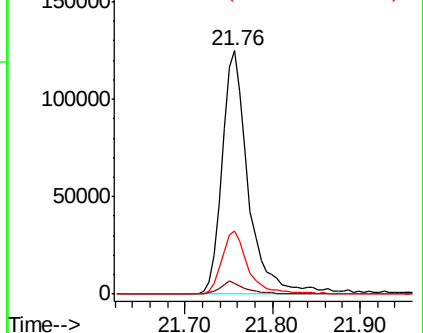
236 26.1 21.3 31.9

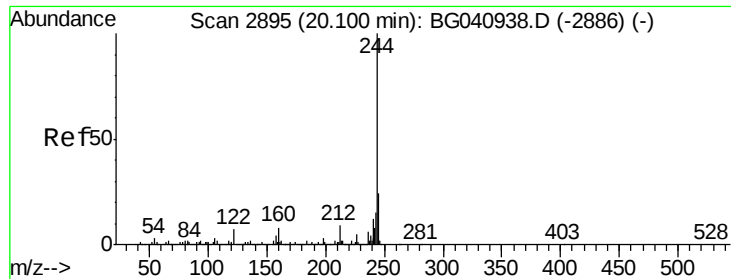


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 109.525 ng

RT: 20.07 min Scan# 2890

Delta R.T. -0.00 min

Lab File: BG041233.D

Acq: 13 Jun 2019 23:20

Instrument :

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ClientSampleId :

OR-03-061119-B

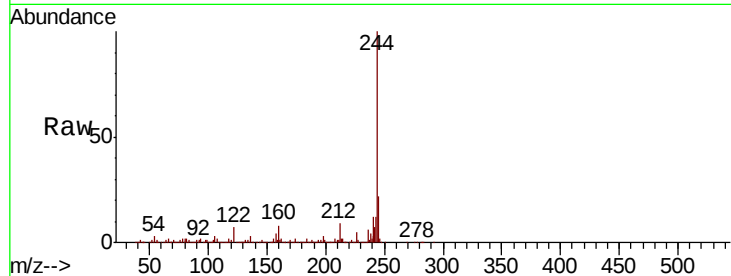
Tot Ion:244 Resp: 1334209

Ion Ratio Lower Upper

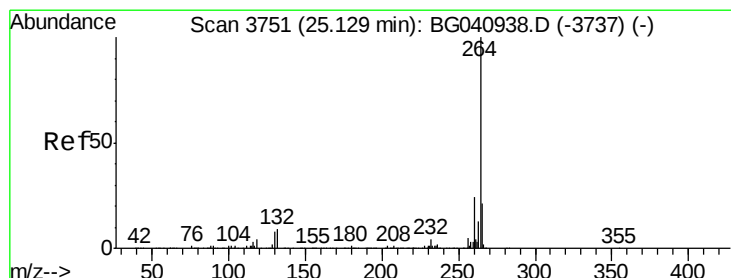
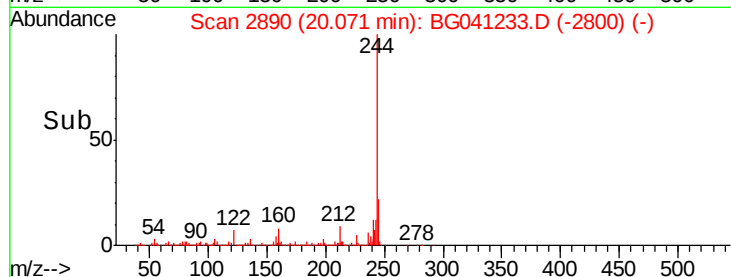
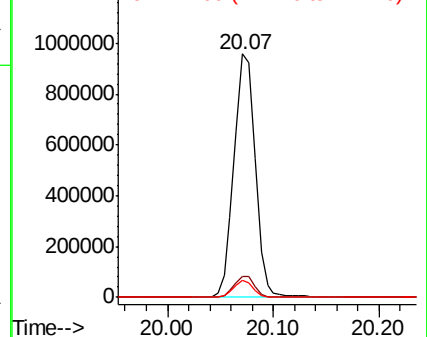
244 100

212 8.6 7.0 10.4

122 7.3 5.4 8.0



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: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041233.D

Acq: 13 Jun 2019 23:20

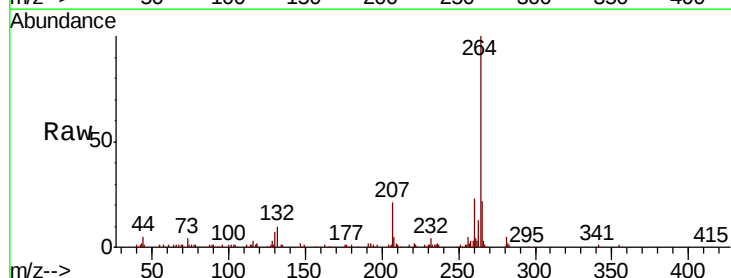
Tgt Ion:264 Resp: 187401

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.6 17.0 25.4



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

