

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040201.D
 Acq On : 28 Mar 2019 15:44
 Operator : JU/SJ
 Sample : PB118351BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BL

Quant Time: Mar 29 07:20:27 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	8.07	152	49988	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	198288	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	118549	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	306051	20.00	ng	0.00
76) Chrysene-d12	21.72	240	371102	20.00	ng	0.00
87) Perylene-d12	25.02	264	372542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	346941	115.38	ng	0.00
7) Phenol-d6	7.22	99	465632	112.05	ng	0.00
23) Nitrobenzene-d5	9.24	82	271901	72.89	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	155063	121.03	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	628266	78.53	ng	0.00
79) Terphenyl-d14	20.04	244	1176889	71.34	ng	0.00

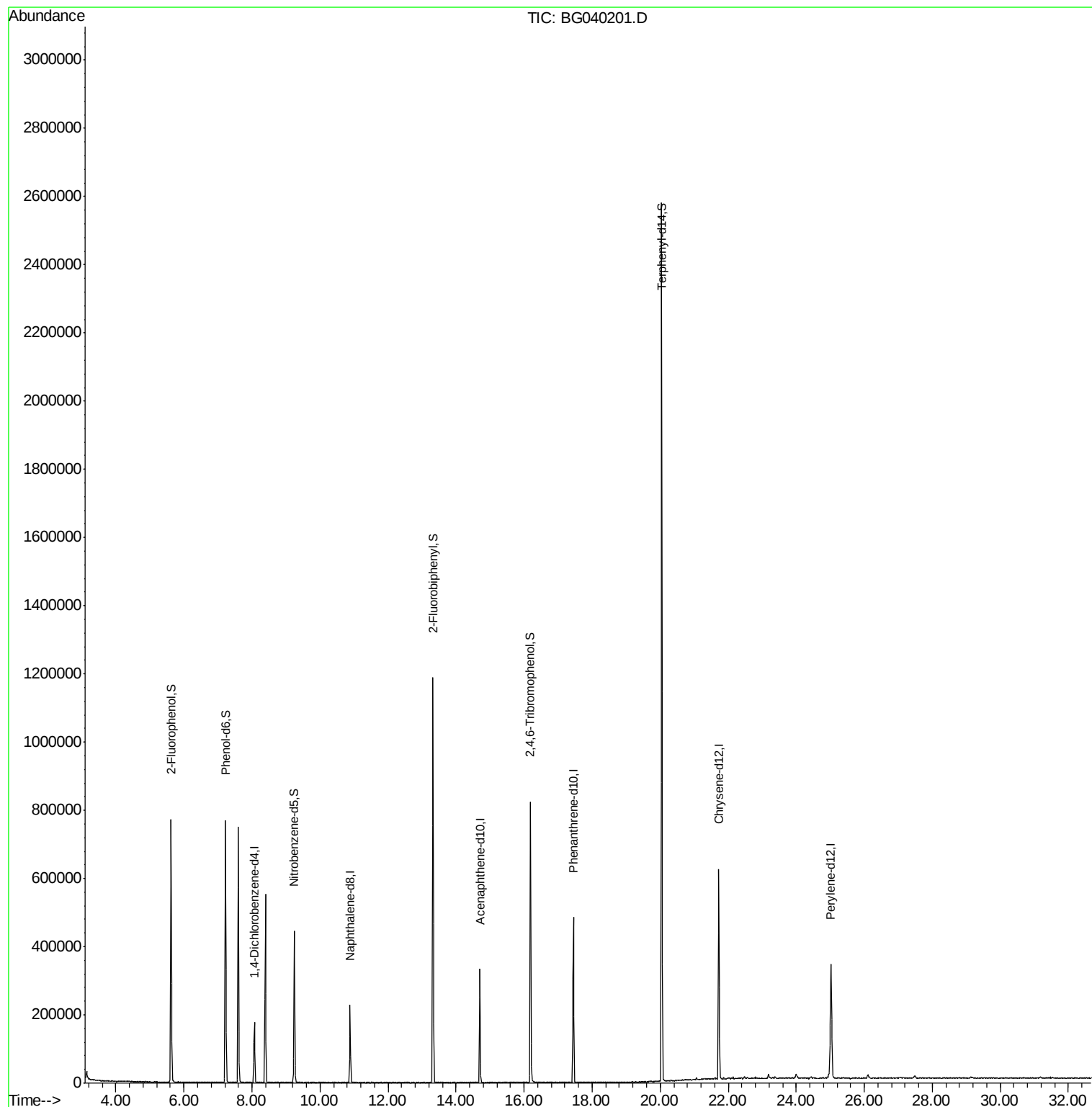
Target Compounds Qvalue

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

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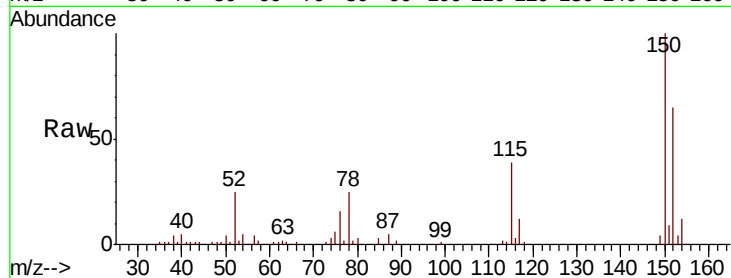


#1

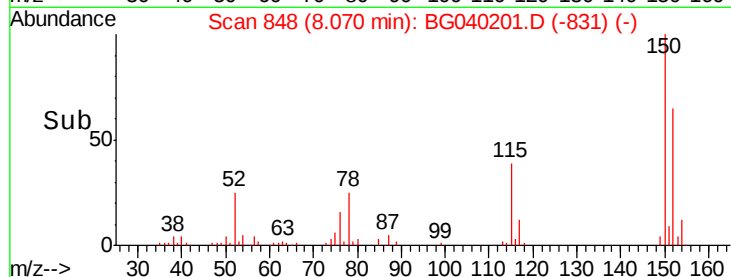
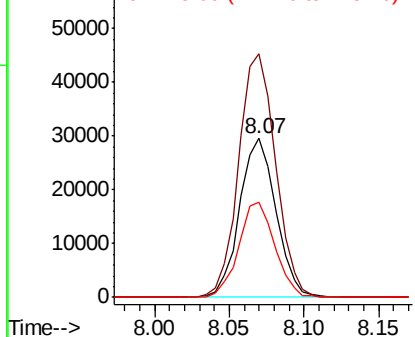
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG040201.D
Acq: 28 Mar 2019 15:44

Instrument :
BNA_G
ClientSampleId :
PB118351BL

Tot Ion:152 Resp: 49988
Ion Ratio Lower Upper
152 100
150 153.4 123.7 185.5
115 60.0 46.9 70.3



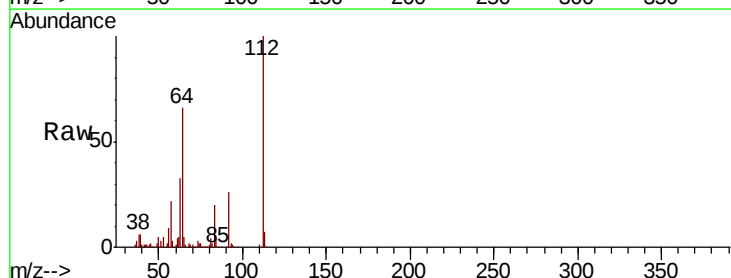
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



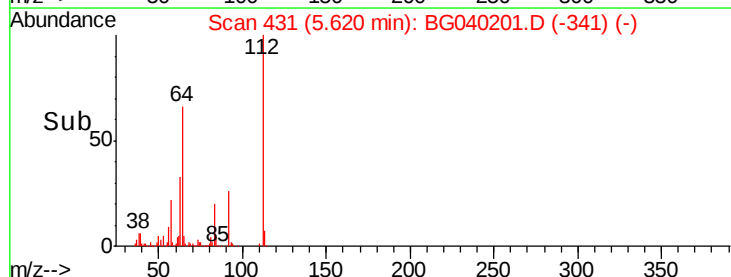
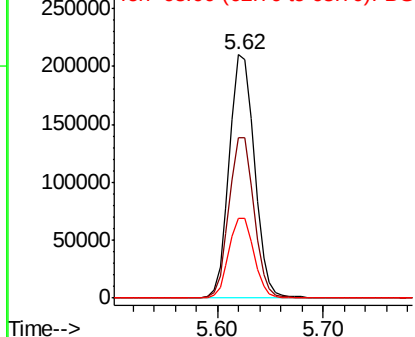
#5

2-Fluorophenol
Concen: 115.379 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040201.D
Acq: 28 Mar 2019 15:44

Tgt Ion:112 Resp: 346941
Ion Ratio Lower Upper
112 100
64 65.8 54.2 81.2
63 32.8 26.4 39.6



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: 112.048 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG040201.D

Acq: 28 Mar 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB118351BL

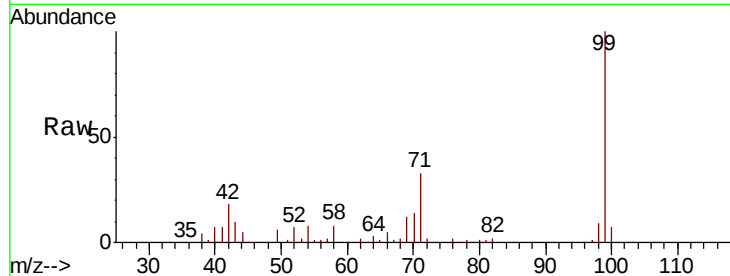
Tot Ion: 99 Resp: 465632

Ion Ratio Lower Upper

99 100

42 18.5 16.2 24.2

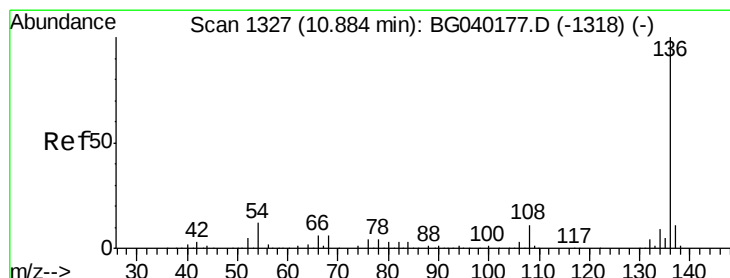
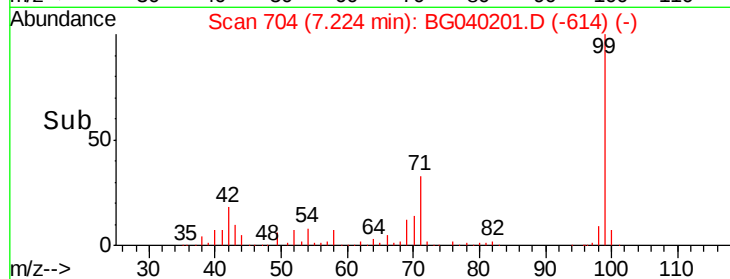
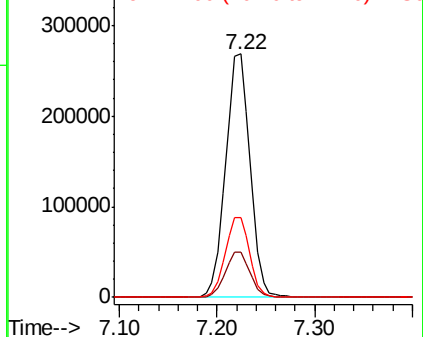
71 32.9 26.8 40.2



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: 10.88 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BG040201.D

Acq: 28 Mar 2019 15:44

Tgt Ion: 136 Resp: 198288

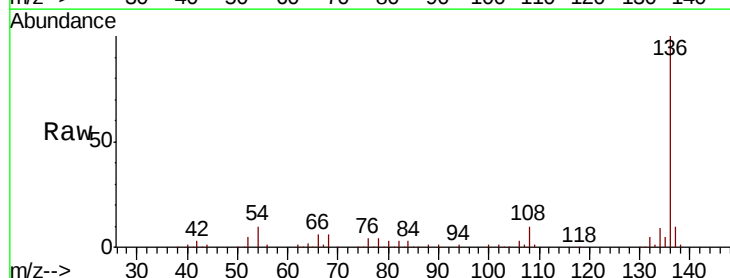
Ion Ratio Lower Upper

136 100

137 9.8 8.9 13.3

54 10.2 9.6 14.4

68 6.2 5.1 7.7

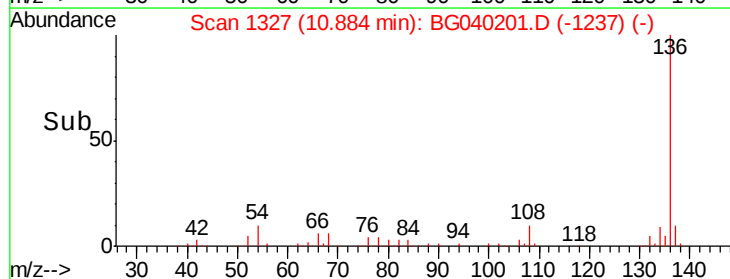
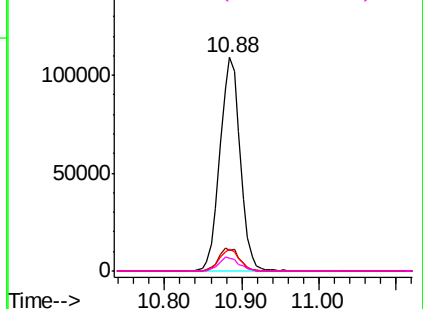


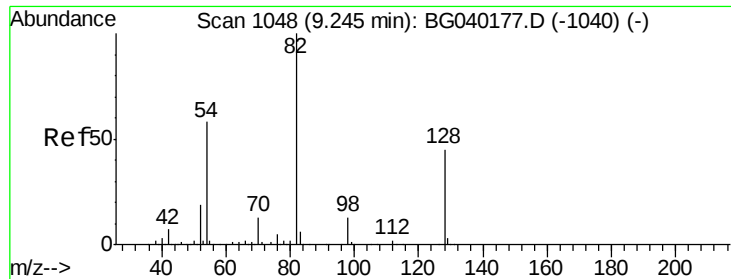
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

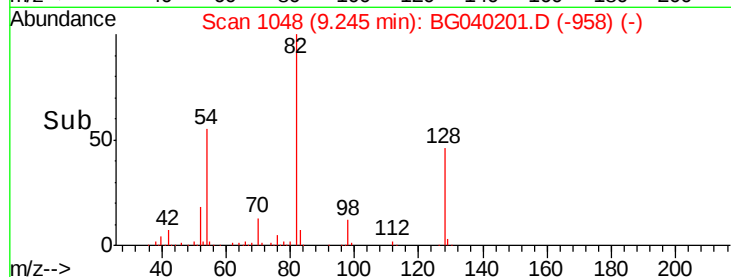
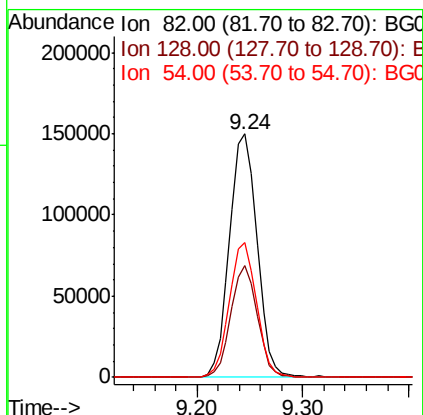
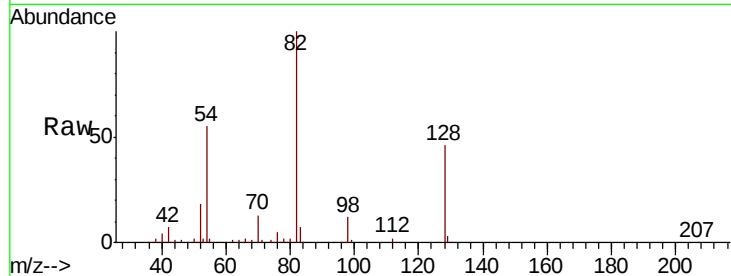




#23
Nitrobenzene-d5
Concen: 72.886 ng
RT: 9.24 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG040201.D
Acq: 28 Mar 2019 15:44

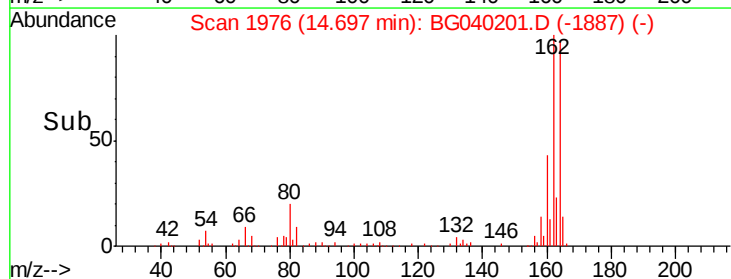
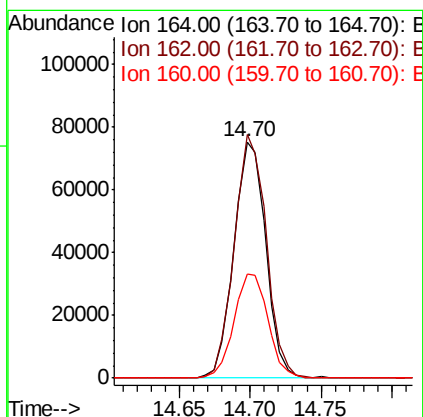
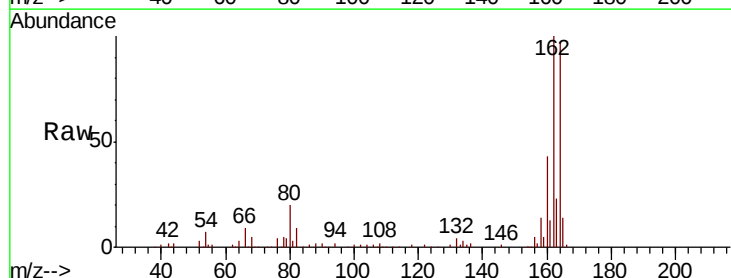
Instrument :
BNA_G
ClientSampleId :
PB118351BL

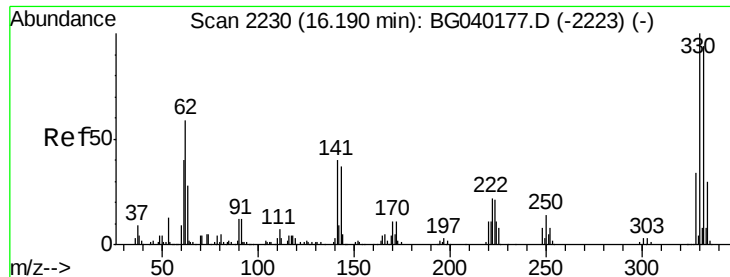
Tot Ion	82.00	Resp	271901
Ion Ratio	100	Lower	Upper
128	45.7	35.8	53.8
54	55.4	46.2	69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG040201.D
Acq: 28 Mar 2019 15:44

Tgt Ion	164	Resp	118549
Ion Ratio	100	Lower	Upper
162	103.0	77.4	116.2
160	44.1	35.3	52.9

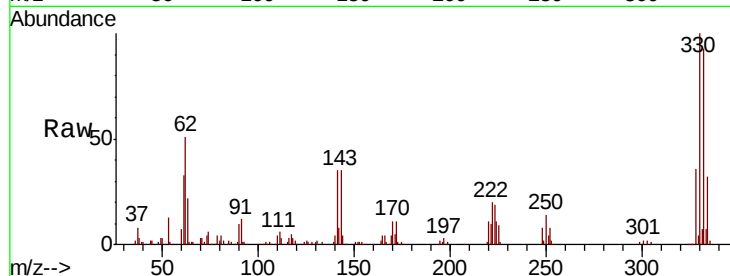




#42
 2,4,6-Tribromophenol
 Concen: 121.029 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG040201.D
 Acq: 28 Mar 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB118351BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	38.8	32.6	48.8

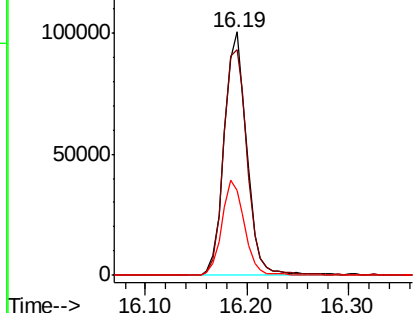
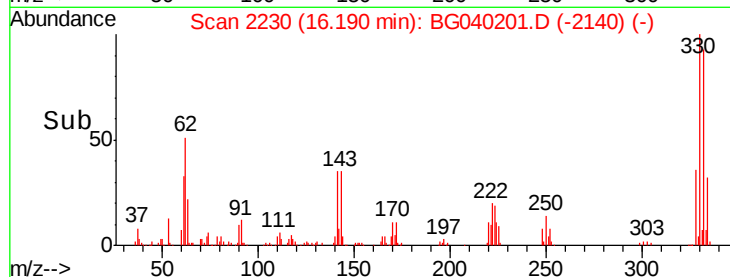


Abundance

Ion 329.80 (329.50 to 330.50): E

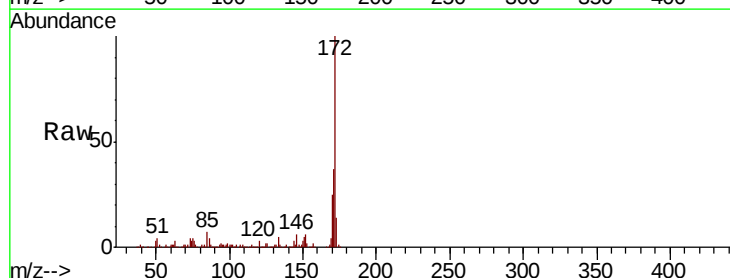
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.528 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG040201.D
 Acq: 28 Mar 2019 15:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	25.2	20.1	30.1

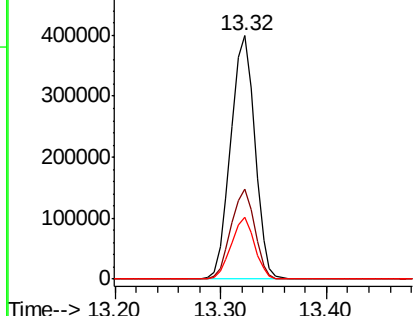
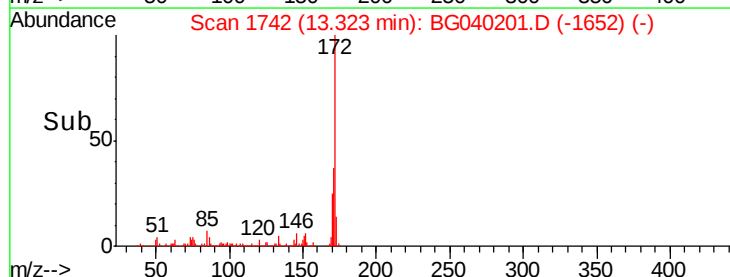


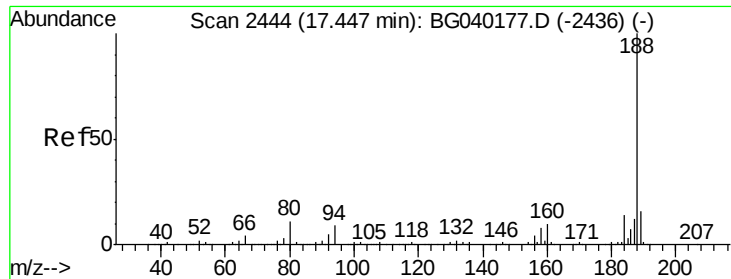
Abundance

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

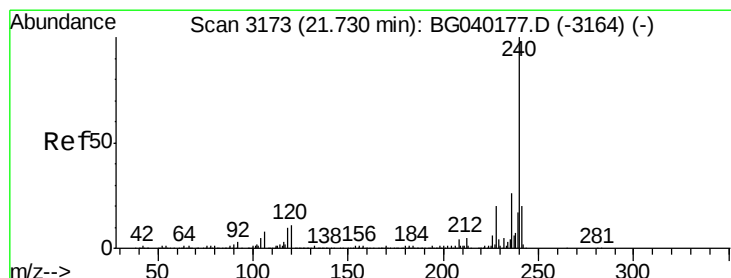
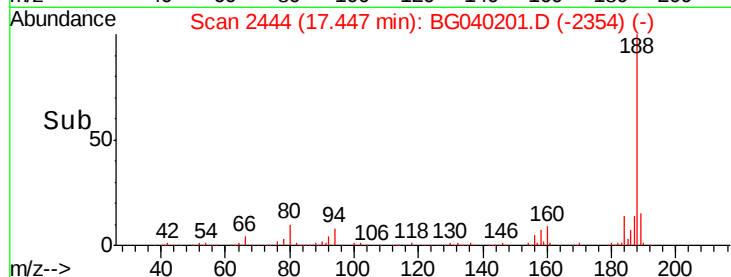
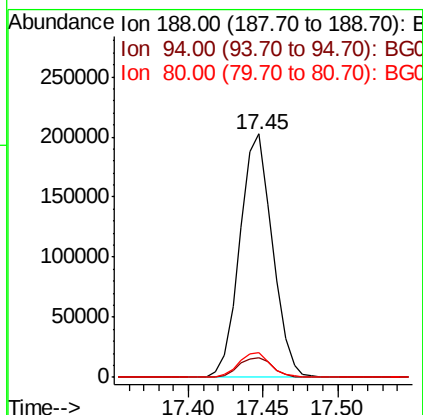
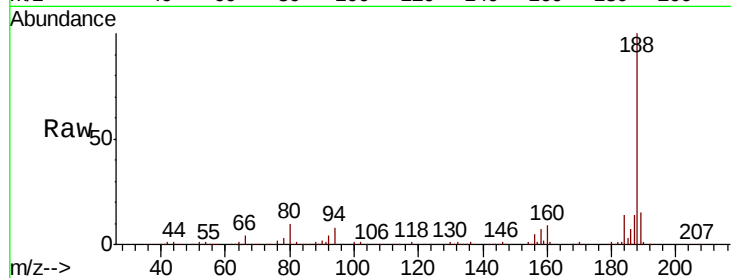




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG040201.D
Acq: 28 Mar 2019 15:44

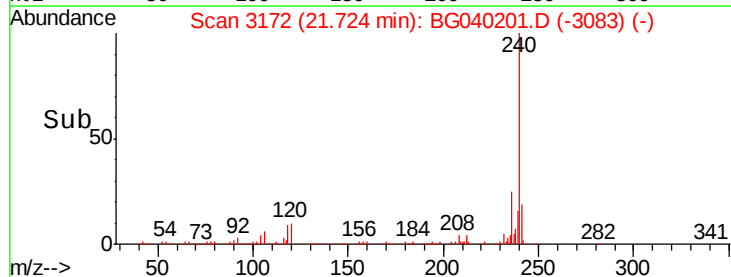
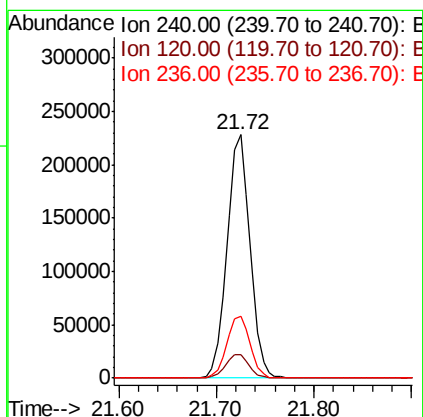
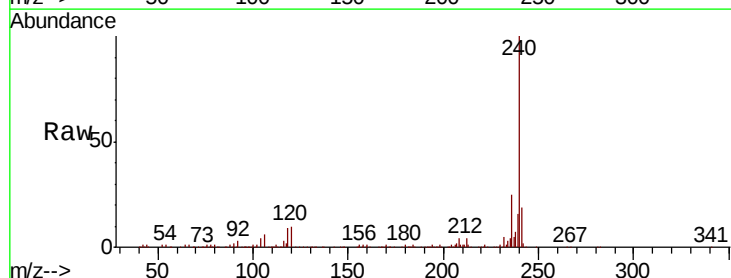
Instrument :
BNA_G
ClientSampleID :
PB118351BL

Tot Ion:188 Resp: 306051
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 10.1 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BG040201.D
Acq: 28 Mar 2019 15:44

Tgt Ion:240 Resp: 371102
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.2 20.8 31.2





#79

Terphenyl-d14

Concen: 71.344 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040201.D

Acq: 28 Mar 2019 15:44

Instrument :

BNA_G

ClientSampleId :

PB118351BL

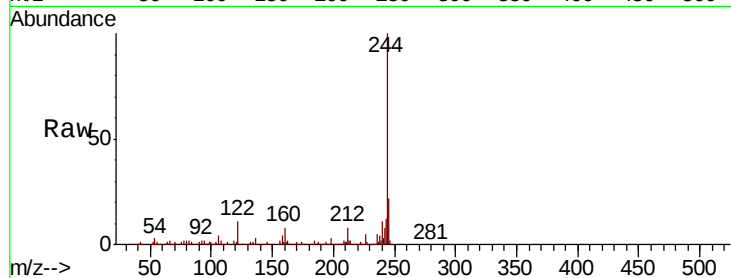
Tot Ion:244 Resp: 1176889

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

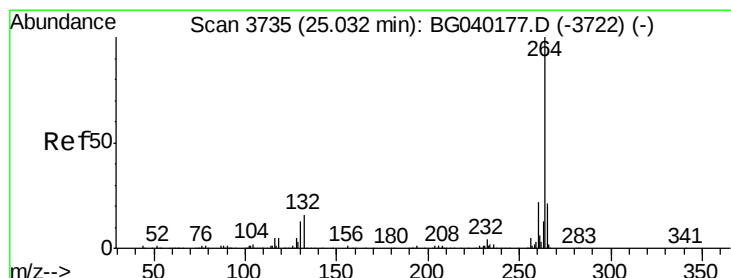
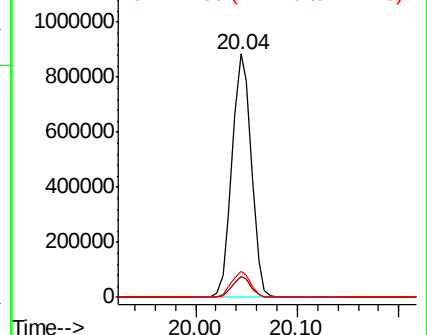
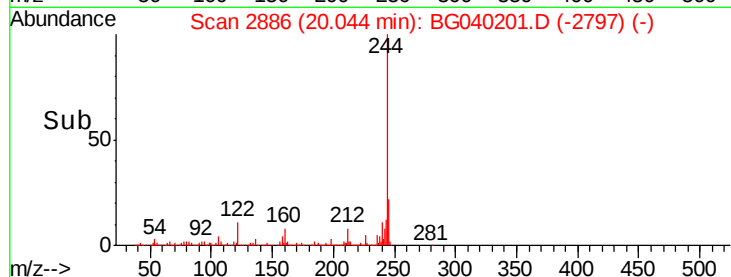
122 10.6 8.5 12.7



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: 25.02 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG040201.D

Acq: 28 Mar 2019 15:44

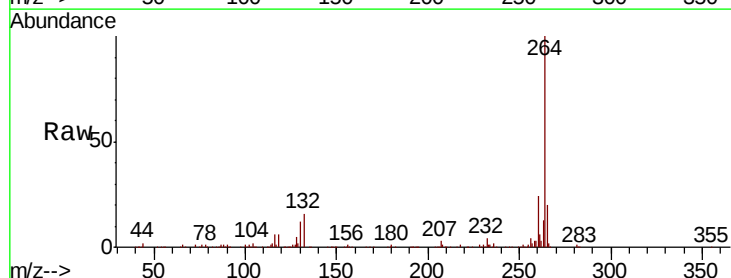
Tgt Ion:264 Resp: 372542

Ion Ratio Lower Upper

264 100

260 24.3 17.9 26.9

265 20.2 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

