

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039879.D
 Acq On : 12 Mar 2019 18:13
 Operator : JU/SJ
 Sample : PB117829BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BL

Quant Time: Mar 13 06:43:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	37749	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	155655	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	111999	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	287503	20.00	ng	0.00
76) Chrysene-d12	21.81	240	314802	20.00	ng	0.00
87) Perylene-d12	25.18	264	300683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	315940	142.78	ng	0.00
7) Phenol-d6	7.30	99	453944	137.59	ng	0.00
23) Nitrobenzene-d5	9.33	82	262429	91.18	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	190648	146.04	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	685648	87.17	ng	0.00
79) Terphenyl-d14	20.12	244	1229090	85.97	ng	0.00

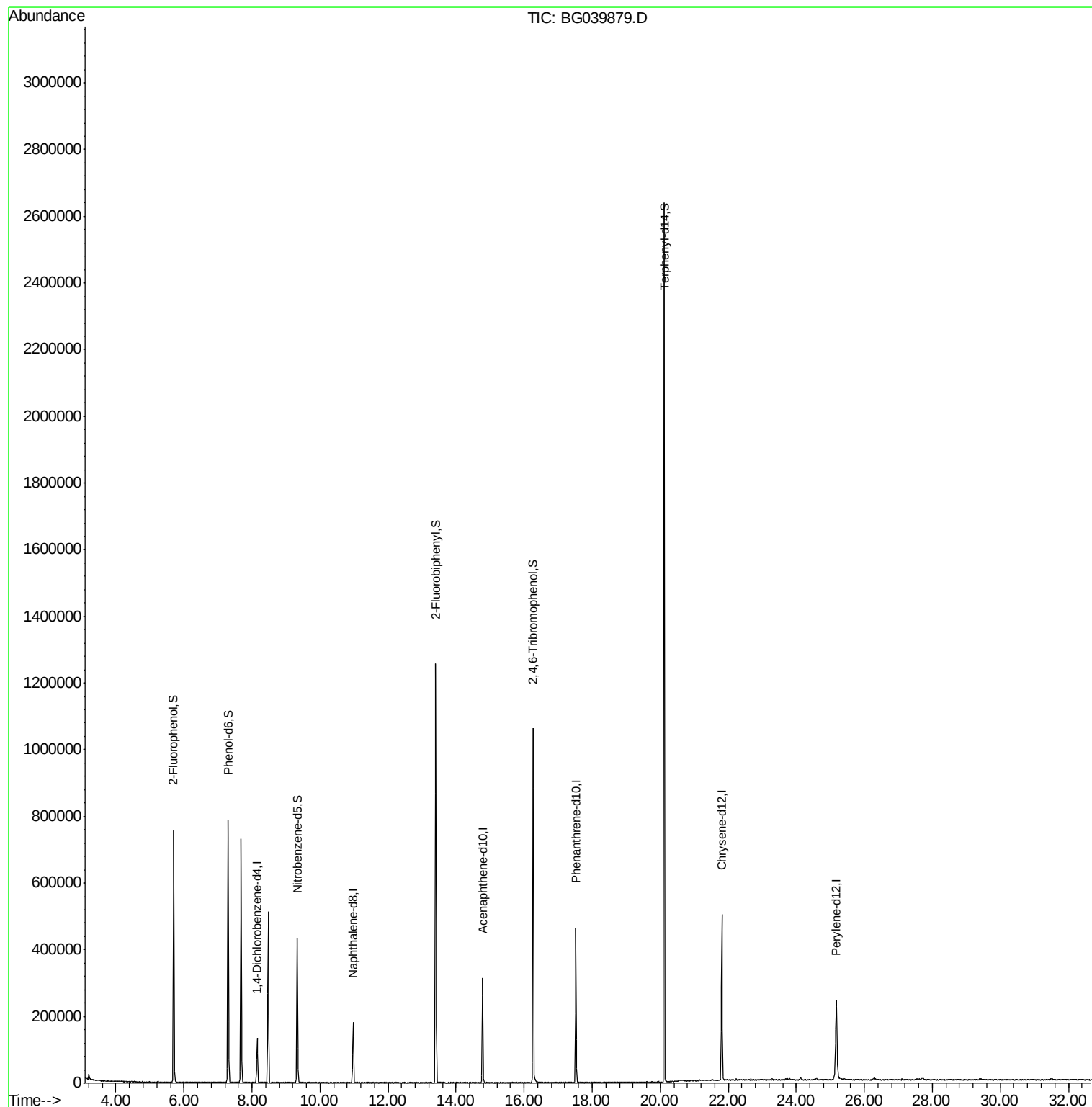
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BG039879.D

Acq: 12 Mar 2019 18:13

Instrument :

BNA_G

ClientSampleId :

PB117829BL

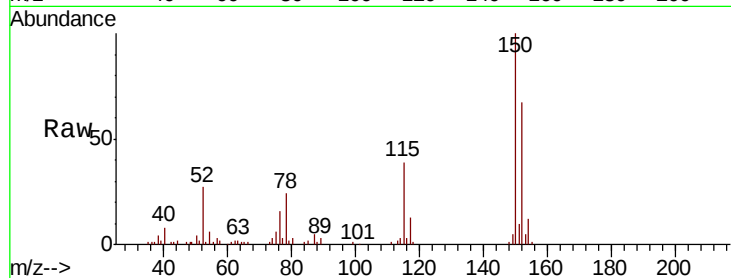
Tot Ion:152 Resp: 37749

Ion Ratio Lower Upper

152 100

150 150.2 123.7 185.5

115 58.8 45.9 68.9

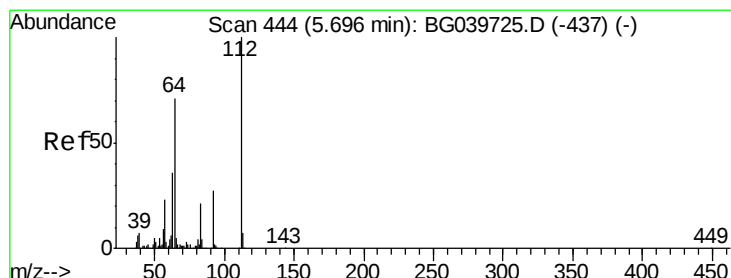
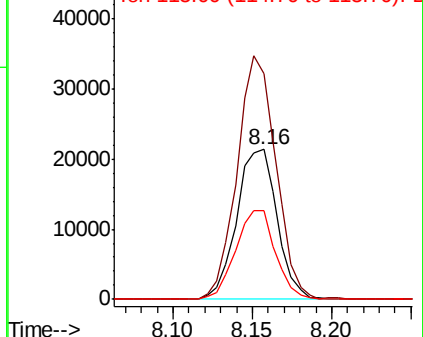
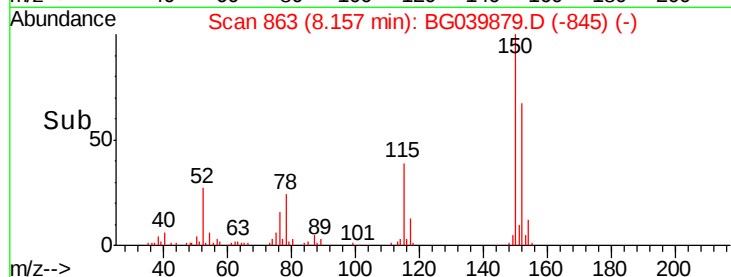


Abundance

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: 142.784 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.00 min

Lab File: BG039879.D

Acq: 12 Mar 2019 18:13

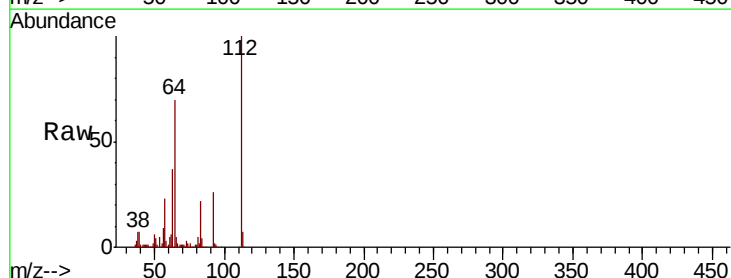
Tgt Ion:112 Resp: 315940

Ion Ratio Lower Upper

112 100

64 70.3 57.8 86.8

63 37.0 29.8 44.6

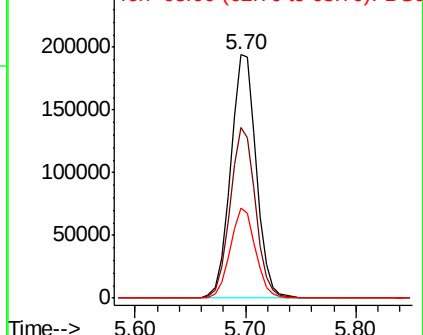
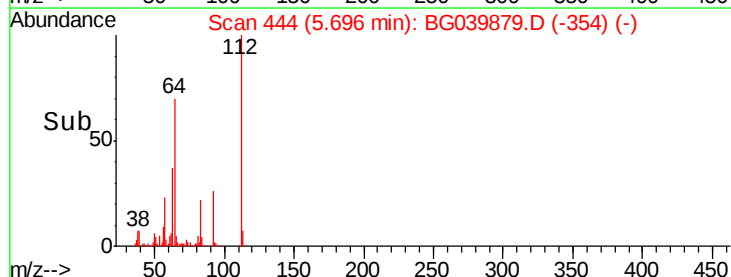


Abundance

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: 137.589 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG039879.D

Acq: 12 Mar 2019 18:13

Instrument :

BNA_G

ClientSampleId :

PB117829BL

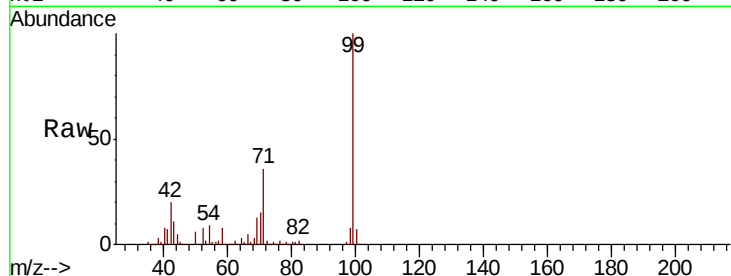
Tot Ion: 99 Resp: 453944

Ion Ratio Lower Upper

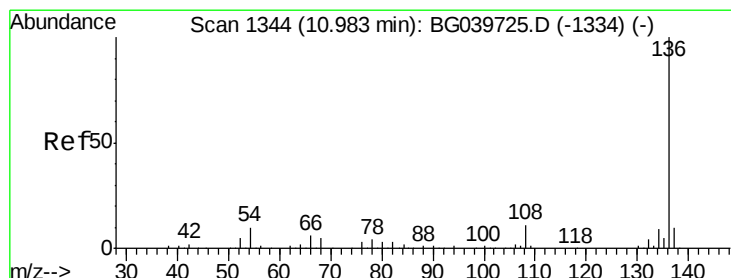
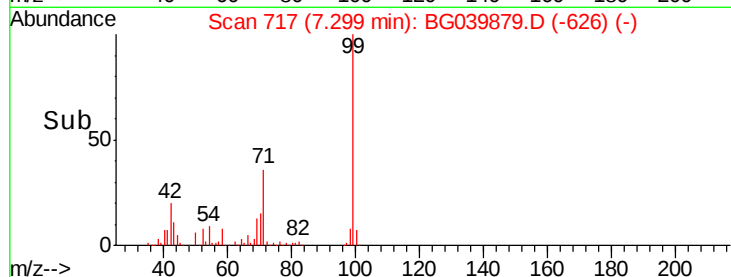
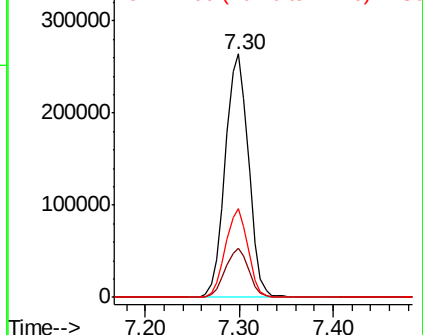
99 100

42 20.0 18.2 27.2

71 36.2 28.0 42.0



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: 10.98 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BG039879.D

Acq: 12 Mar 2019 18:13

Tgt Ion: 136 Resp: 155655

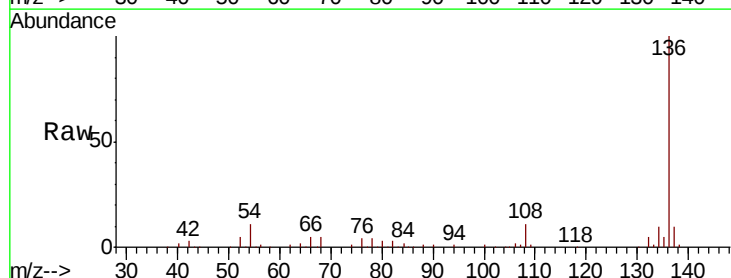
Ion Ratio Lower Upper

136 100

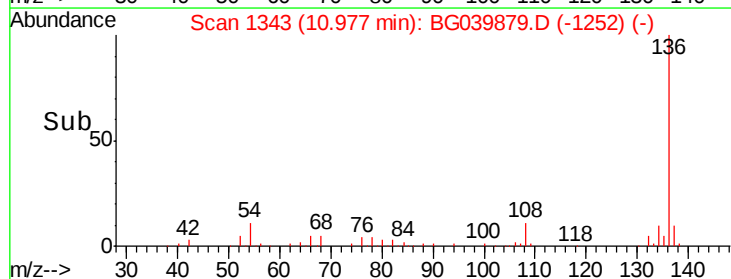
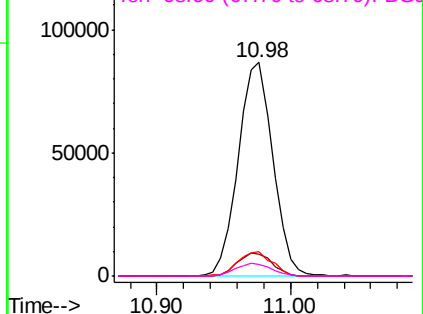
137 10.2 9.1 13.7

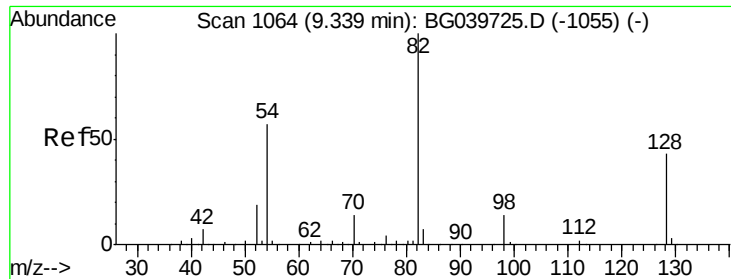
54 11.2 9.4 14.2

68 5.3 4.2 6.4



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

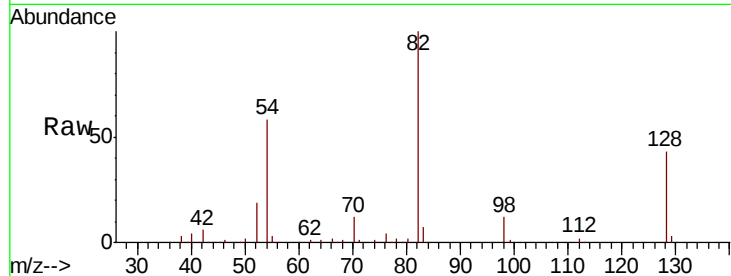




#23
Nitrobenzene-d5
Concen: 91.184 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BG039879.D
Acq: 12 Mar 2019 18:13

Instrument :
BNA_G
ClientSampleId :
PB117829BL

Tot Ion	82	Resp	262429
Ion Ratio	Lower	Upper	
82	100		
128	42.6	31.3	46.9
54	57.7	50.9	76.3

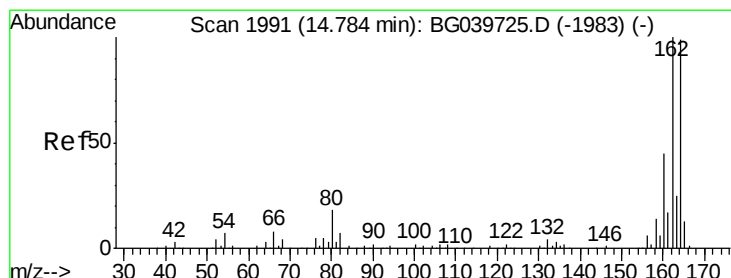
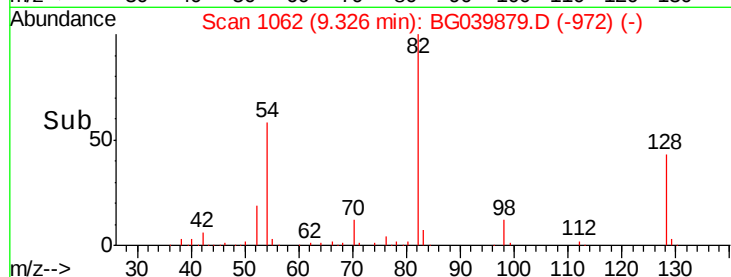
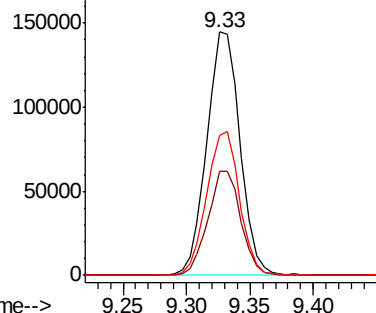


Abundance

Ion 82.00 (81.70 to 82.70): BGC

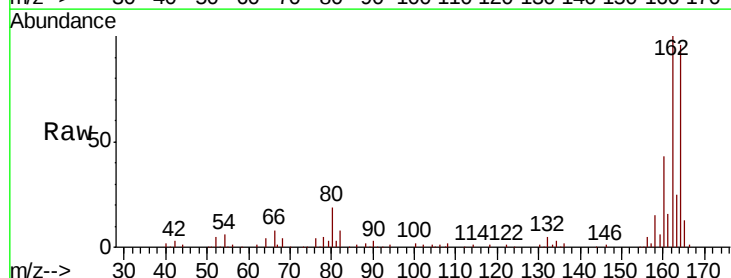
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG039879.D
Acq: 12 Mar 2019 18:13

Tgt Ion	164	Resp	111999
Ion Ratio	Lower	Upper	
164	100		
162	104.0	81.6	122.4
160	44.7	34.2	51.2

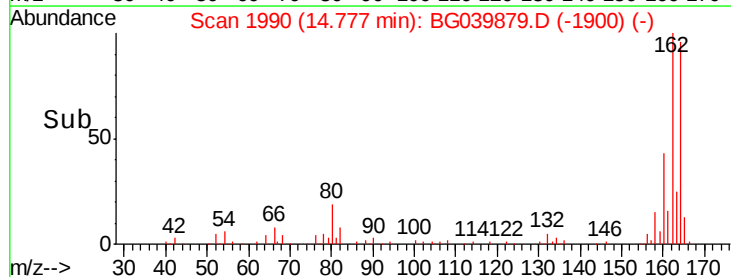
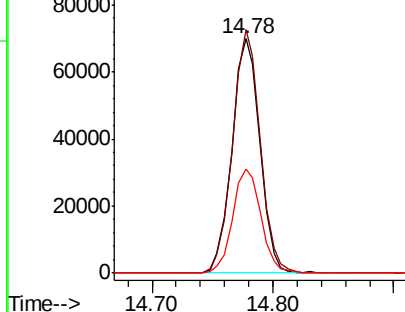


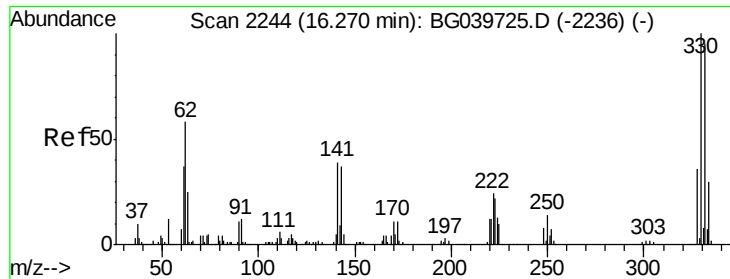
Abundance

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

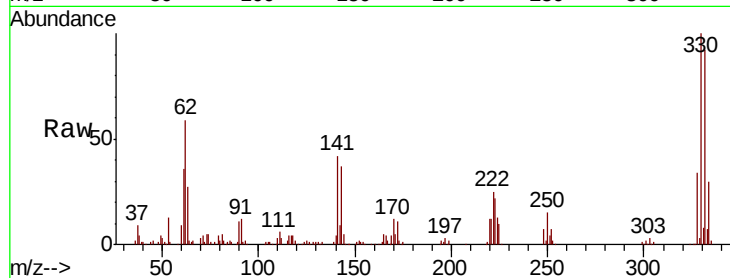




#42
 2,4,6-Tribromophenol
 Concen: 146.042 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.00 min
 Lab File: BG039879.D
 Acq: 12 Mar 2019 18:13

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.7	113.5
141	39.9	35.6	53.4

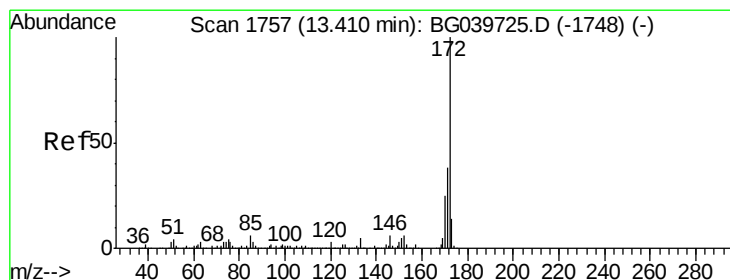
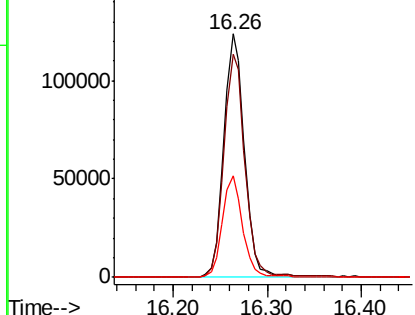
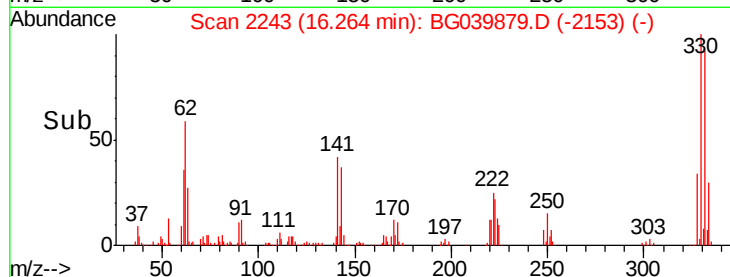


Abundance

Ion 329.80 (329.50 to 330.50): E

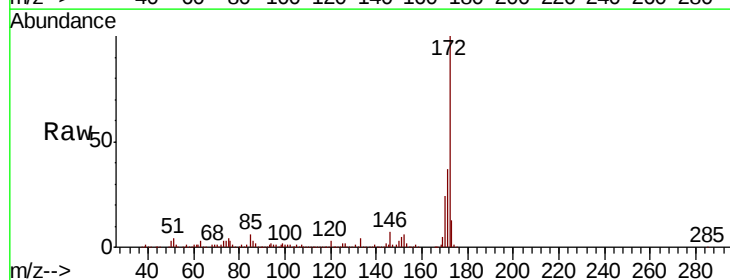
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.166 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BG039879.D
 Acq: 12 Mar 2019 18:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	24.4	20.2	30.4

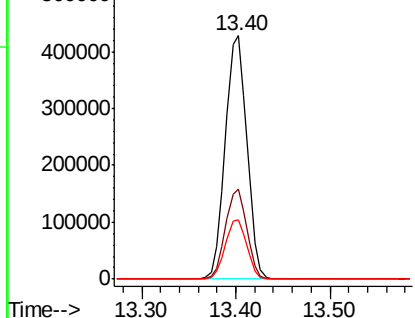
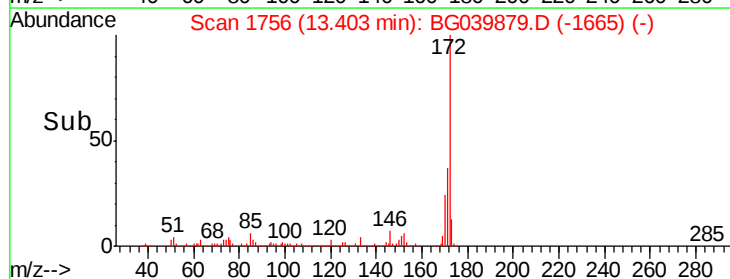


Abundance

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

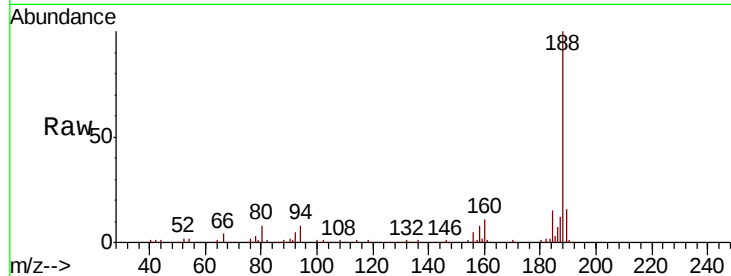




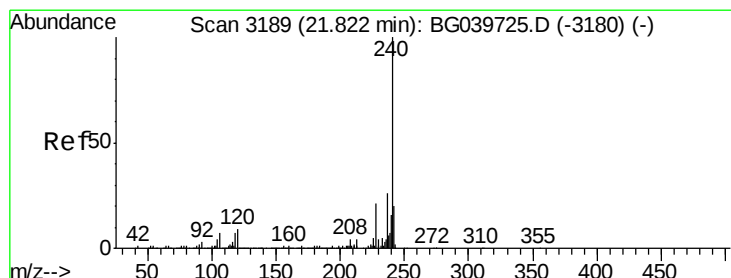
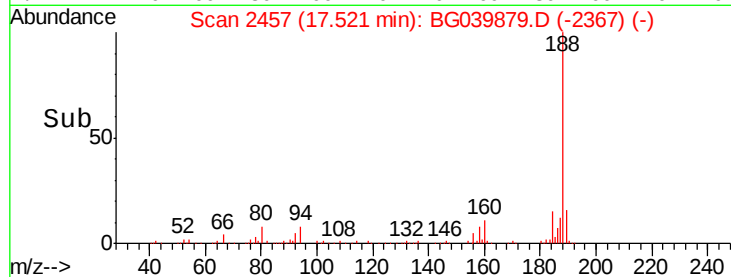
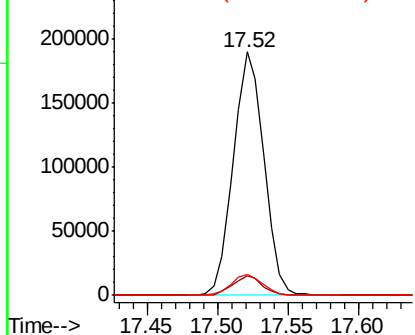
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG039879.D
Acq: 12 Mar 2019 18:13

Instrument :
BNA_G
ClientSampleId :
PB117829BL

Tot Ion:188 Resp: 287503
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 8.4 8.1 12.1

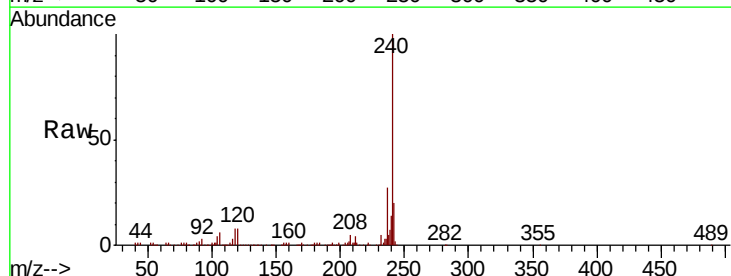


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

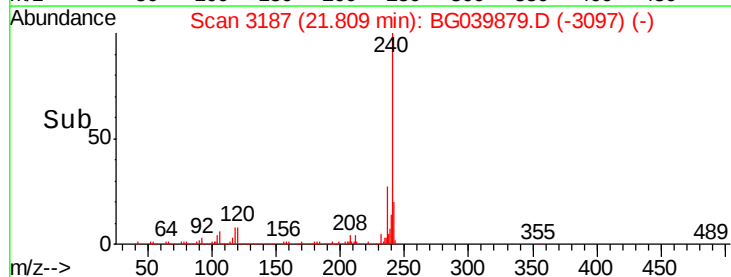
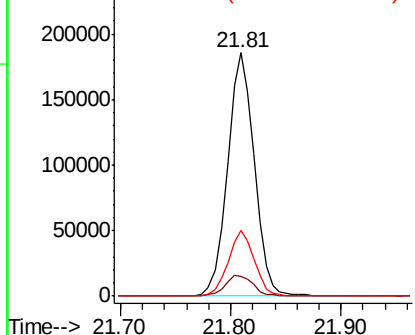


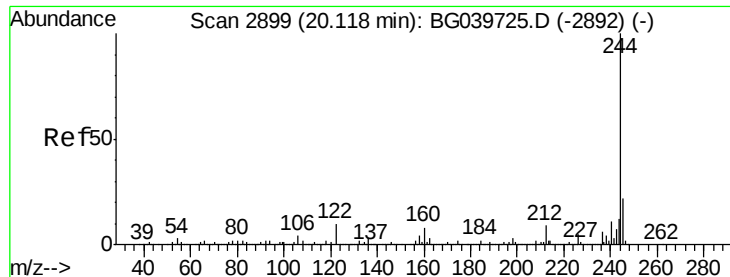
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.00 min
Lab File: BG039879.D
Acq: 12 Mar 2019 18:13

Tgt Ion:240 Resp: 314802
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.6
236 26.8 21.0 31.4



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: 85.966 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BG039879.D

Acq: 12 Mar 2019 18:13

Instrument :

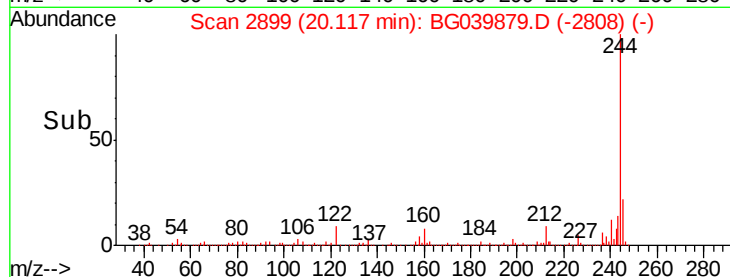
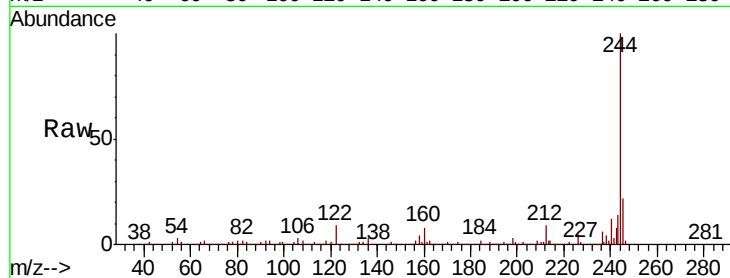
BNA_G

ClientSampleId :

PB117829BL

Tot Ion:244 Resp: 1229090

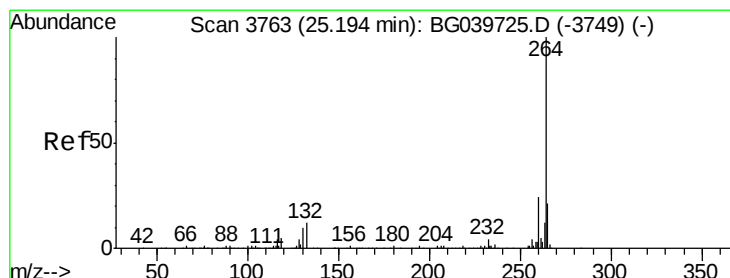
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	9.4	8.4	12.6



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: 25.18 min Scan# 3761

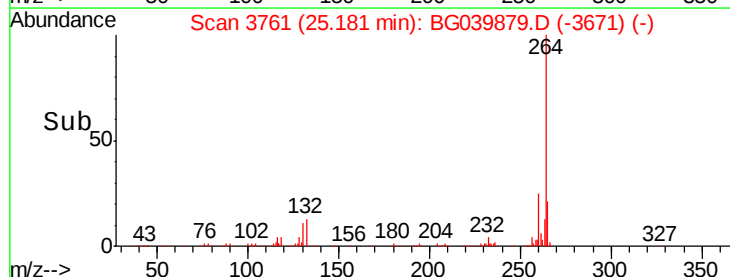
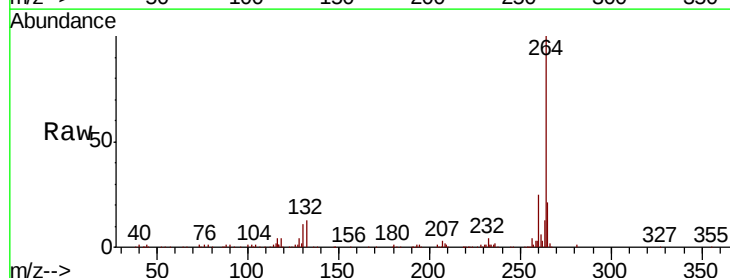
Delta R.T. -0.00 min

Lab File: BG039879.D

Acq: 12 Mar 2019 18:13

Tgt Ion:264 Resp: 300683

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.2	27.4
265	21.2	18.5	27.7



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