

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039042.D
 Acq On : 10 Jan 2019 6:17
 Operator : JU/SJ
 Sample : PB116262TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116262TB

Quant Time: Jan 10 07:59:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16684	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	76310	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	62099	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	199510	20.00	ng	0.00
76) Chrysene-d12	21.70	240	194292	20.00	ng	0.00
87) Perylene-d12	24.97	264	200377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	100003	113.70	ng	0.00
7) Phenol-d6	7.19	99	141008	111.41	ng	0.00
23) Nitrobenzene-d5	9.20	82	80971	58.06	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	103372	99.31	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	260276	57.36	ng	0.00
79) Terphenyl-d14	20.02	244	695392	66.21	ng	0.00

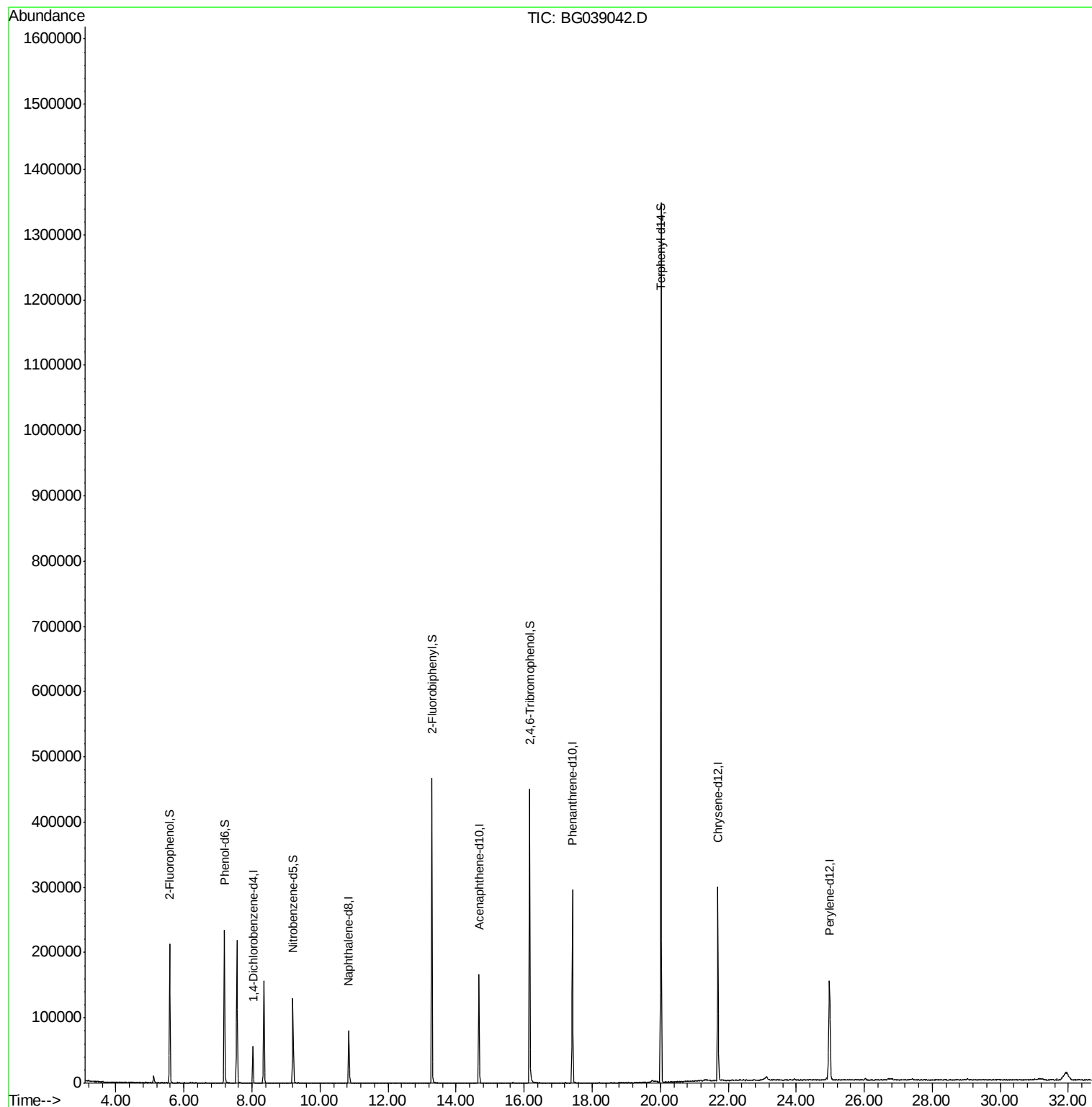
Target Compounds Qvalue

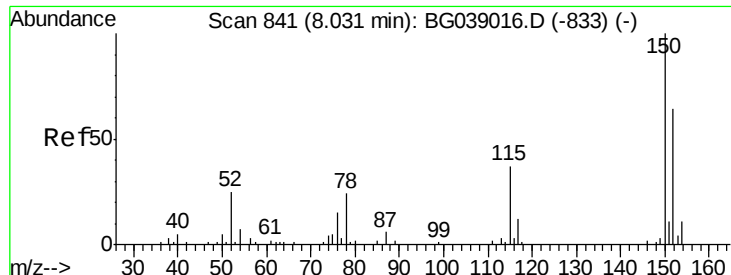
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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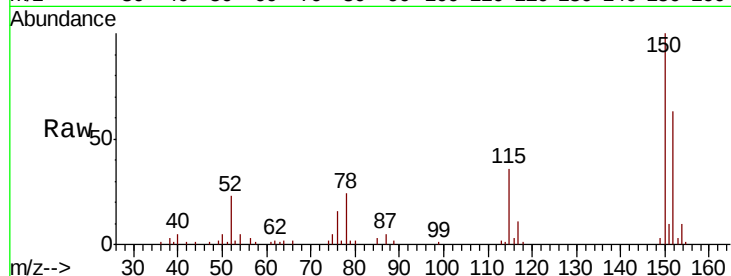


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BG039042.D
 Acq: 10 Jan 2019 6:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116262TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.7	187.1
115	56.8	46.5	69.7

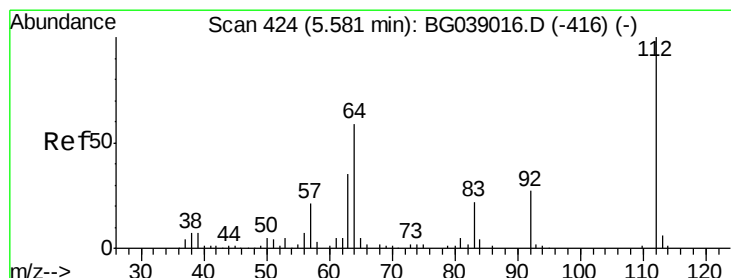
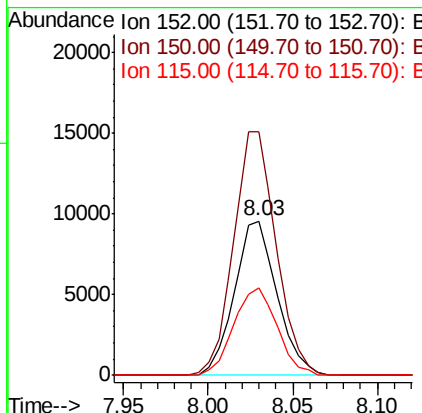
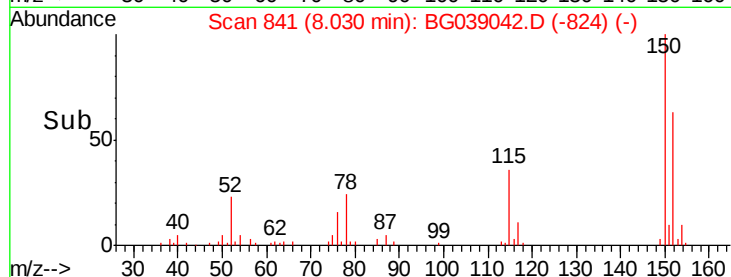


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

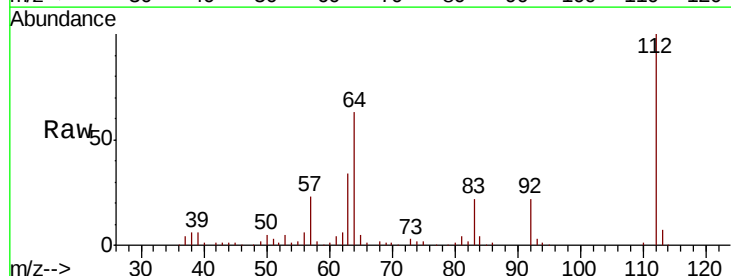
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 113.704 ng
 RT: 5.58 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BG039042.D
 Acq: 10 Jan 2019 6:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	47.0	70.6
63	34.0	28.0	42.0

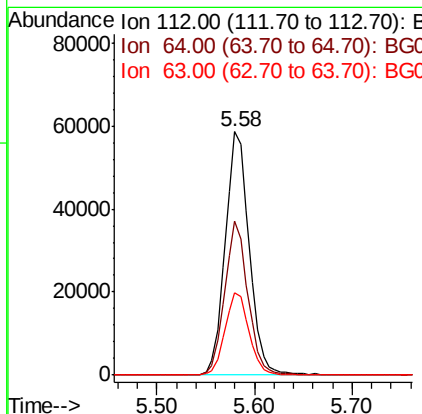
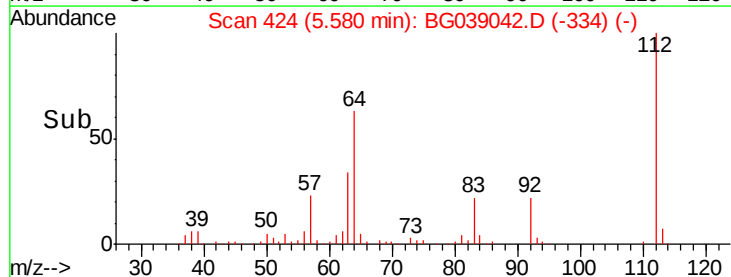


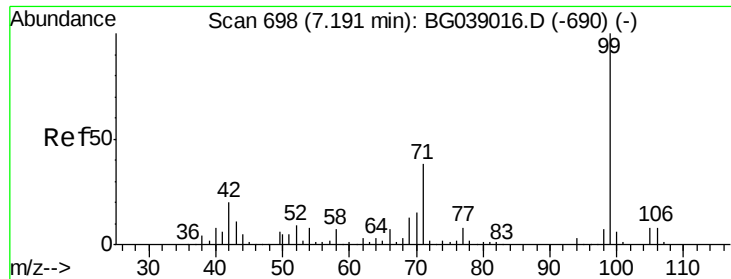
Abundance

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: 111.405 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039042.D

Acq: 10 Jan 2019 6:17

Instrument :

BNA_G

ClientSampled :

PB116262TB

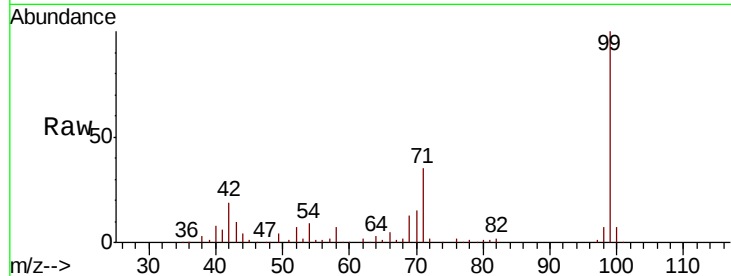
Tot Ion: 99 Resp: 141008

Ion Ratio Lower Upper

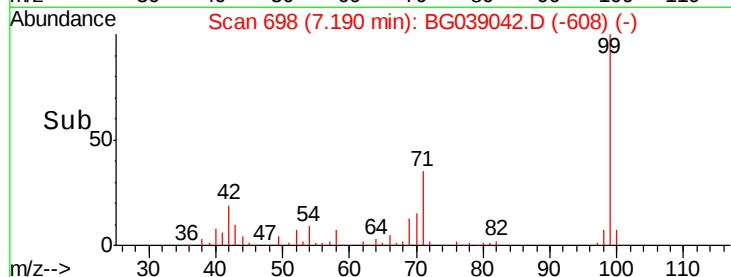
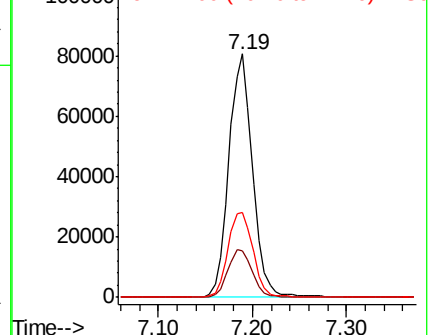
99 100

42 19.1 15.8 23.6

71 34.9 30.2 45.4



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: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039042.D

Acq: 10 Jan 2019 6:17

Tgt Ion: 136 Resp: 76310

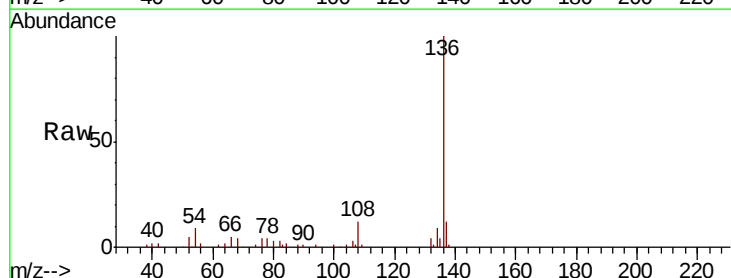
Ion Ratio Lower Upper

136 100

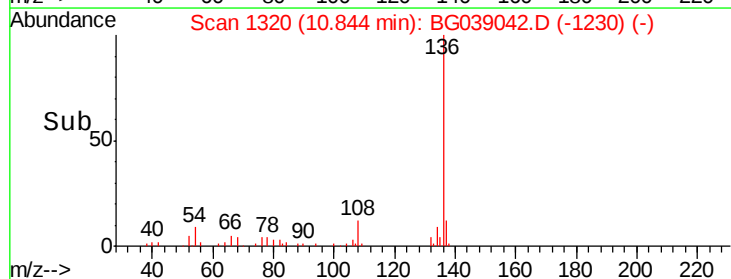
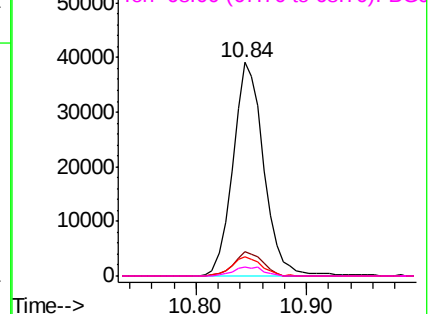
137 11.7 9.4 14.2

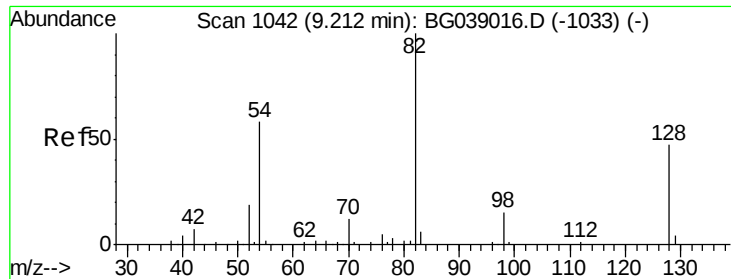
54 8.7 7.2 10.8

68 4.4 3.5 5.3



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

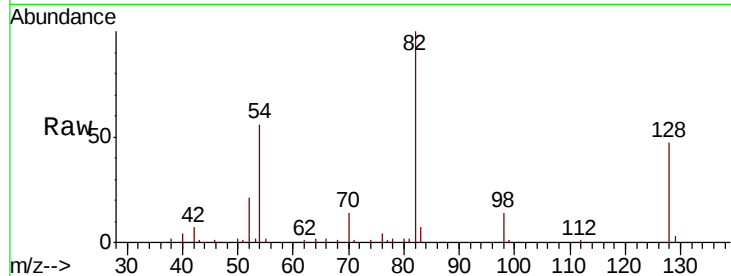




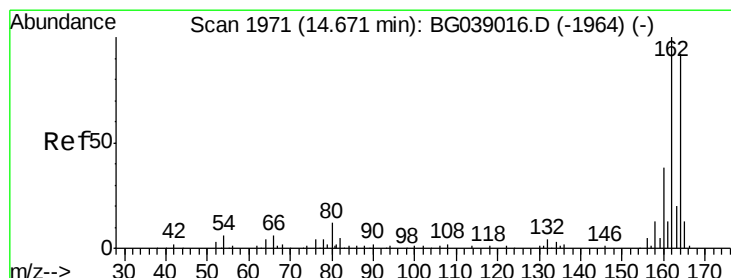
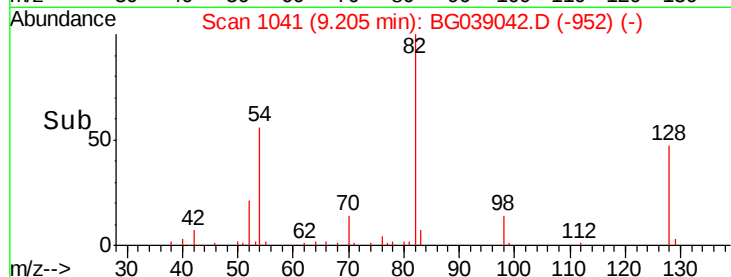
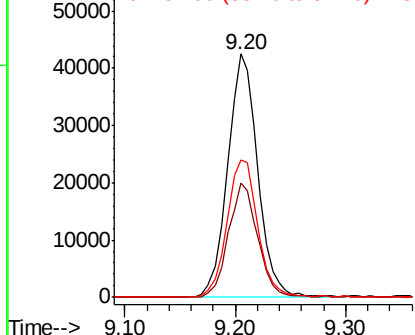
#23
Nitrobenzene-d5
Concen: 58.062 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039042.D
Acq: 10 Jan 2019 6:17

Instrument :
BNA_G
ClientSampleId :
PB116262TB

Tot Ion	82	Resp	80971
Ion Ratio	100	Lower	Upper
128	46.8	37.3	55.9
54	56.2	46.4	69.6

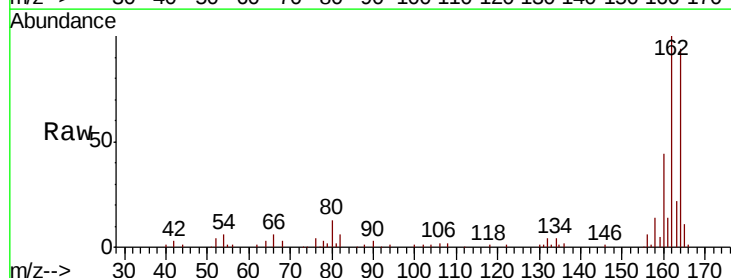


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

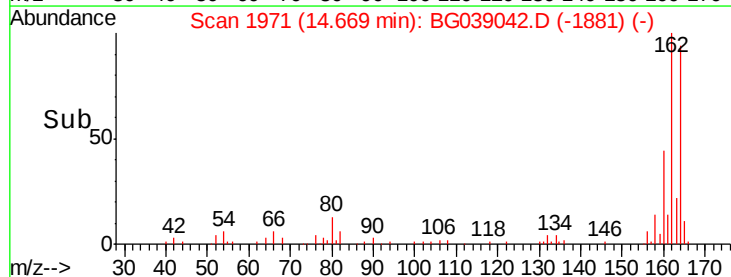
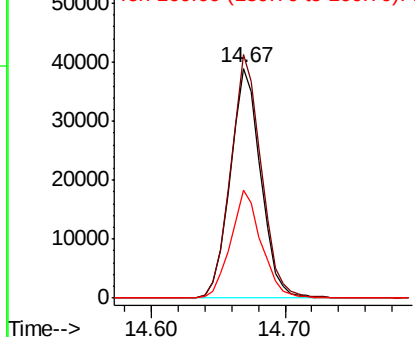


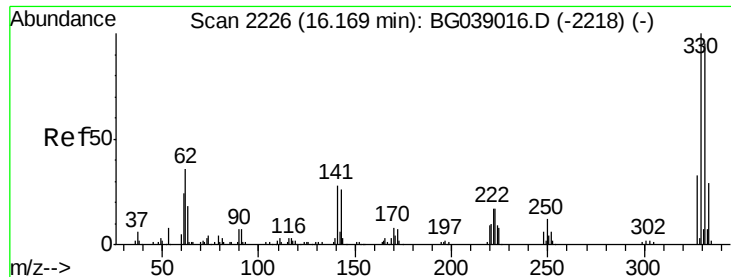
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039042.D
Acq: 10 Jan 2019 6:17

Tgt Ion	164	Resp	62099
Ion Ratio	100	Lower	Upper
162	106.0	87.2	130.8
160	47.0	33.3	49.9



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

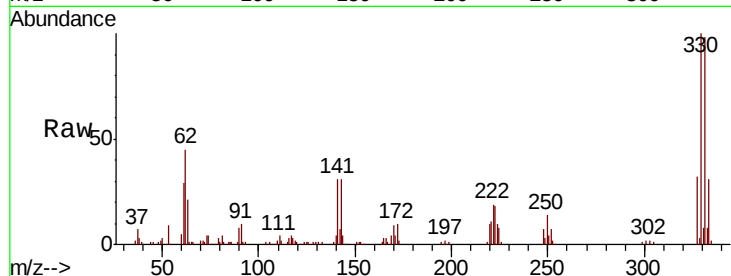




#42
 2,4,6-Tribromophenol
 Concen: 99.305 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG039042.D
 Acq: 10 Jan 2019 6:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116262TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.7	113.5
141	31.1	24.9	37.3

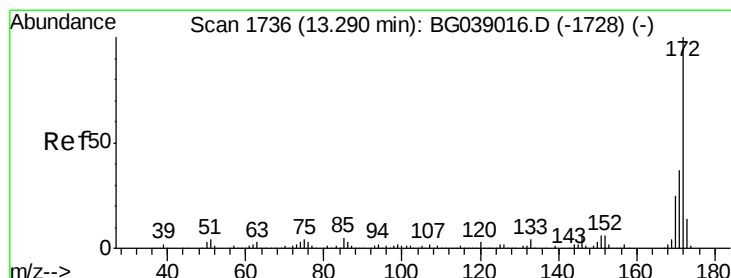
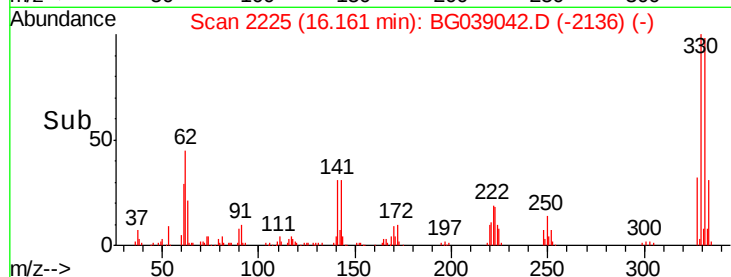
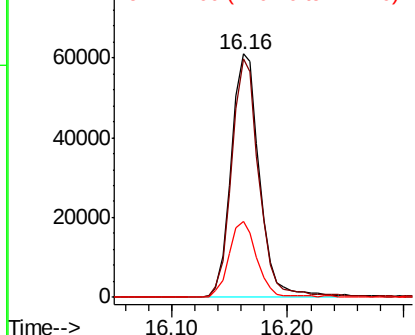


Abundance

Ion 329.80 (329.50 to 330.50): E

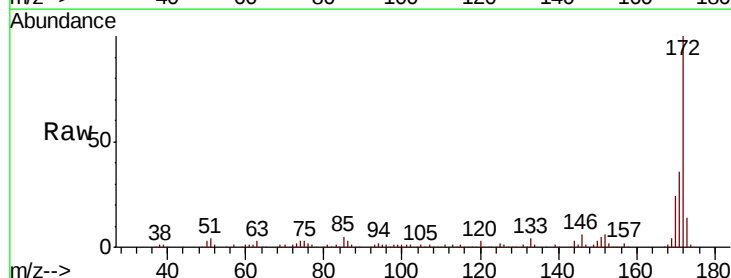
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 57.361 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039042.D
 Acq: 10 Jan 2019 6:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	23.7	20.1	30.1

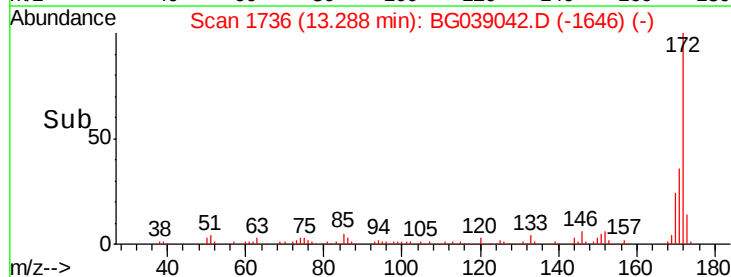
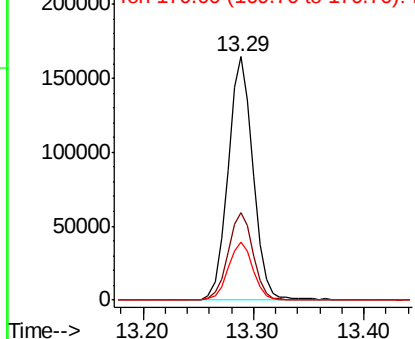


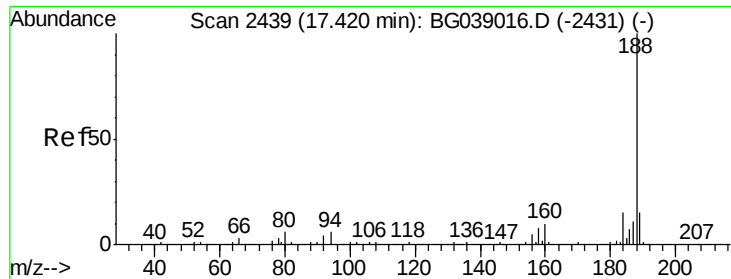
Abundance

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

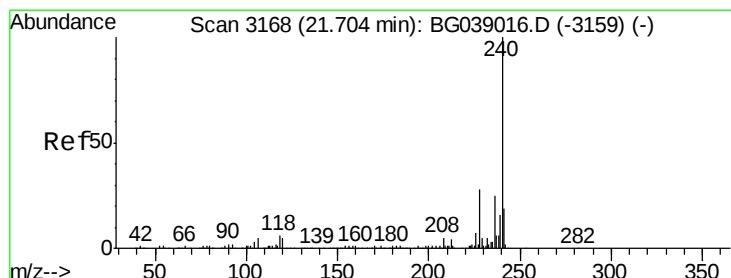
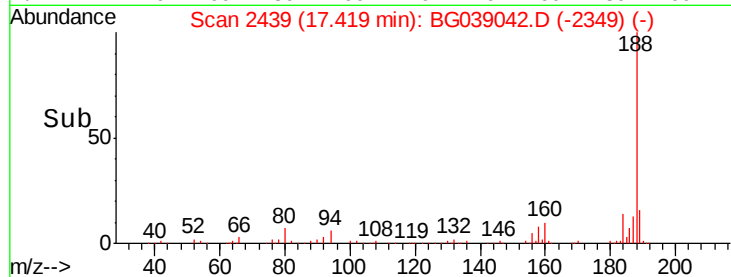
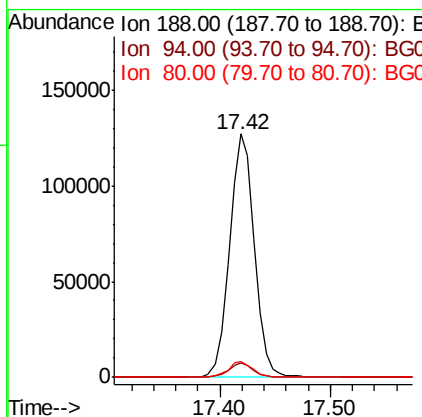
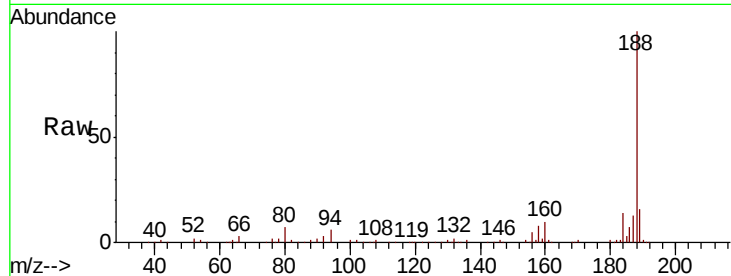




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039042.D
Acq: 10 Jan 2019 6:17

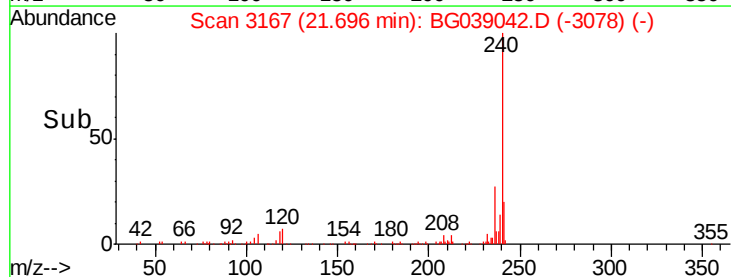
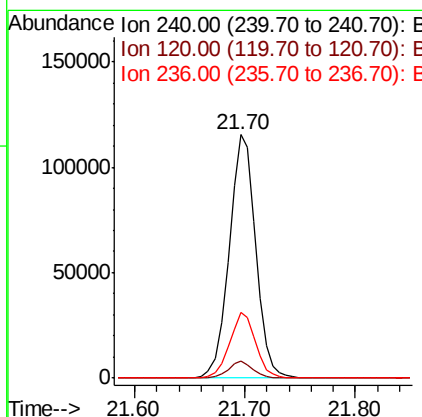
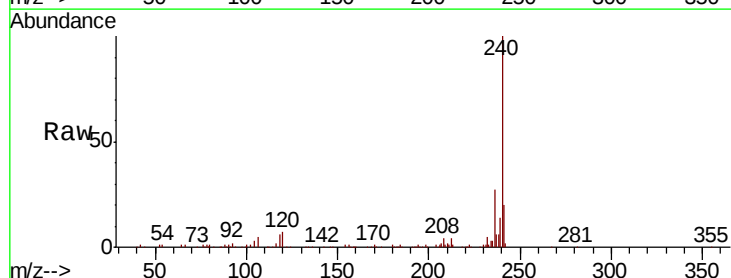
Instrument :
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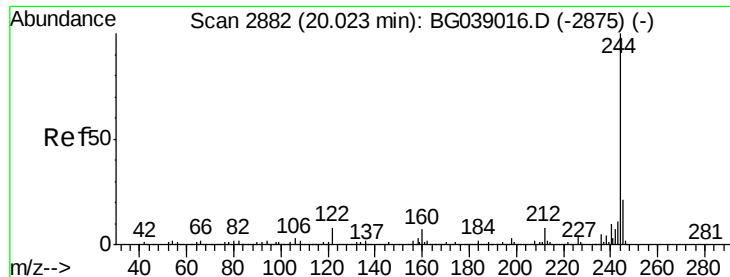
Tot Ion:188 Resp: 199510
Ion Ratio Lower Upper
188 100
94 5.8 5.0 7.4
80 6.6 4.7 7.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG039042.D
Acq: 10 Jan 2019 6:17

Tgt Ion:240 Resp: 194292
Ion Ratio Lower Upper
240 100
120 7.3 4.3 6.5#
236 27.1 20.1 30.1





#79

Terphenyl-d14

Concen: 66.210 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039042.D

Acq: 10 Jan 2019 6:17

Instrument :

BNA_G

ClientSampleId :

PB116262TB

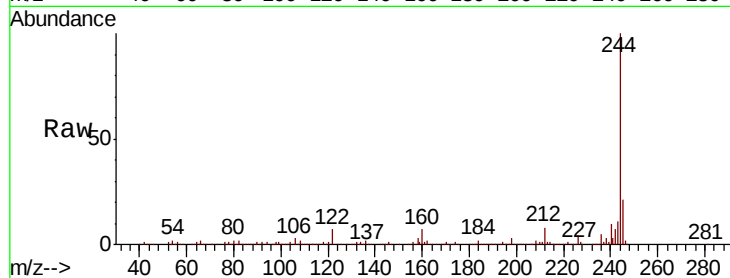
Tot Ion:244 Resp: 695392

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

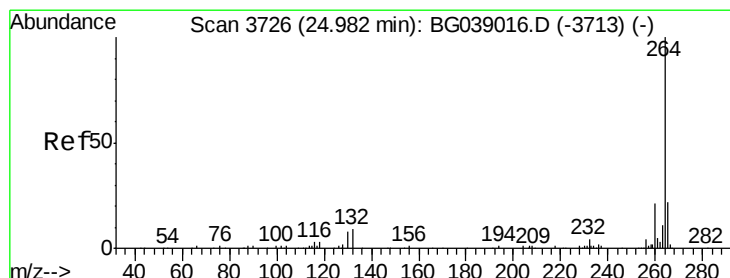
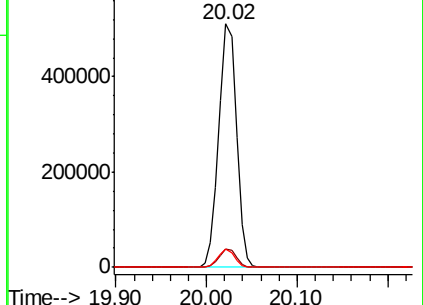
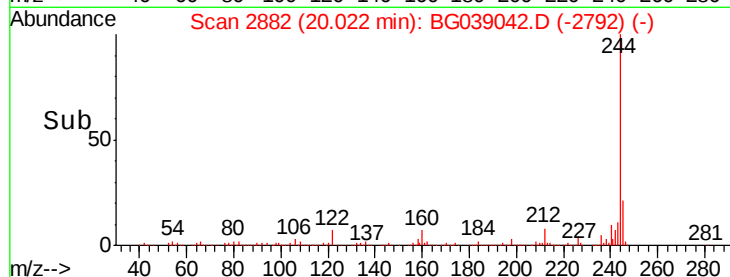
122 7.5 6.1 9.1



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: 24.97 min Scan# 3725

Delta R.T. -0.01 min

Lab File: BG039042.D

Acq: 10 Jan 2019 6:17

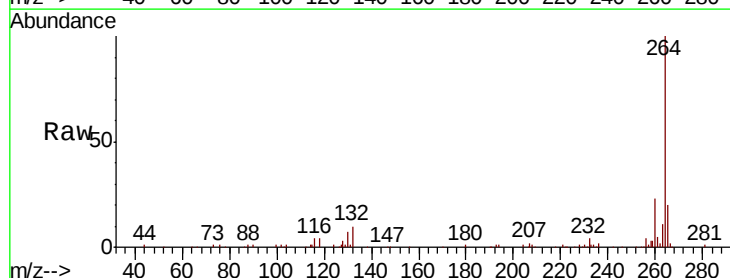
Tgt Ion:264 Resp: 200377

Ion Ratio Lower Upper

264 100

260 23.2 17.0 25.6

265 20.1 17.2 25.8



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

