

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039298.D
 Acq On : 26 Jan 2019 5:50
 Operator : JU/SJ
 Sample : K1238-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S2

Quant Time: Jan 28 04:03:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	16264	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	63605	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	45168	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	125474	20.00	ng	0.00
76) Chrysene-d12	21.67	240	141594	20.00	ng	-0.01
87) Perylene-d12	24.92	264	148257	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	128734	150.15	ng	0.00
7) Phenol-d6	7.17	99	160348	129.96	ng	0.00
23) Nitrobenzene-d5	9.18	82	118088	101.59	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	99018	130.78	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	312952	94.82	ng	0.00
79) Terphenyl-d14	20.00	244	687719	89.85	ng	0.00

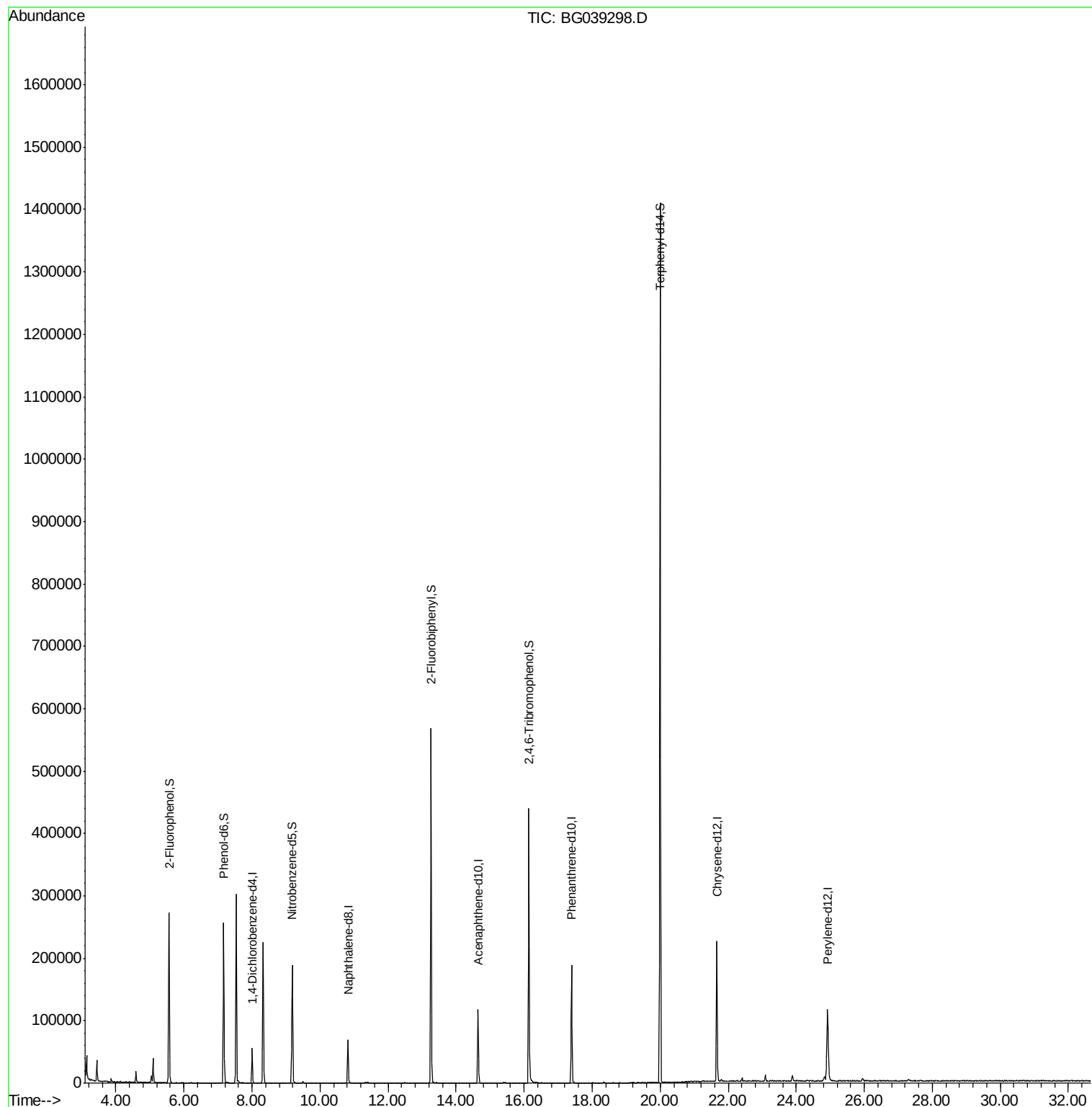
Target Compounds Qvalue

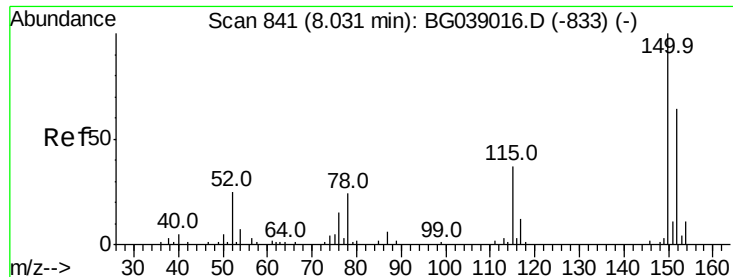
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG039298.D

Acq: 26 Jan 2019 5:50

Instrument :

BNA_G

ClientSampleId :

S2

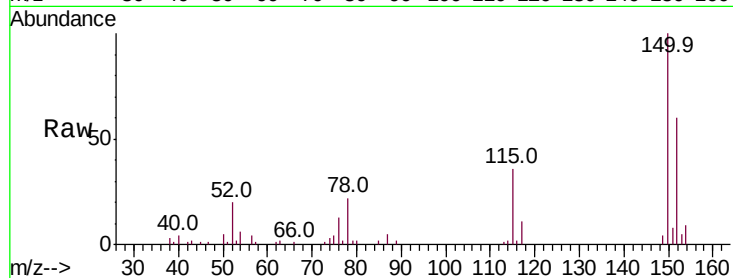
Tot Ion:152 Resp: 16264

Ion Ratio Lower Upper

152 100

150 167.0 124.7 187.1

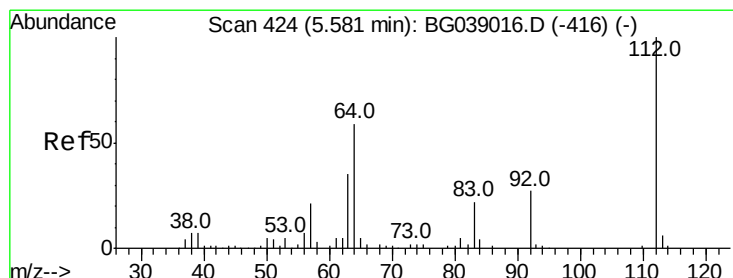
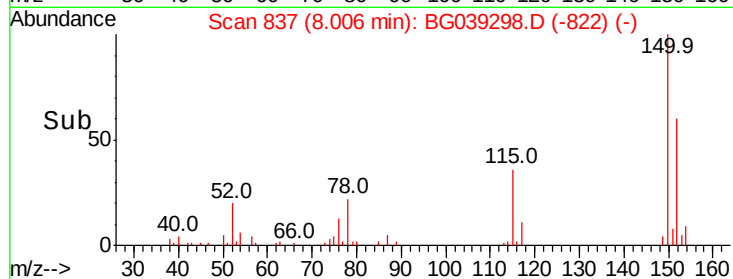
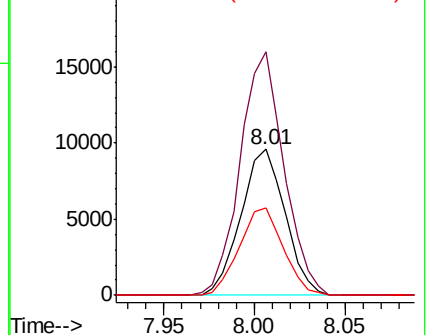
115 60.2 46.5 69.7



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: 150.151 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039298.D

Acq: 26 Jan 2019 5:50

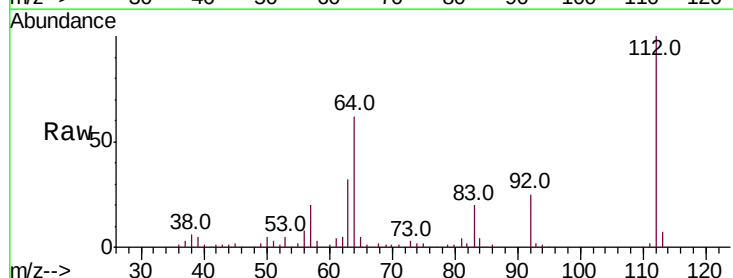
Tgt Ion:112 Resp: 128734

Ion Ratio Lower Upper

112 100

64 62.5 47.0 70.6

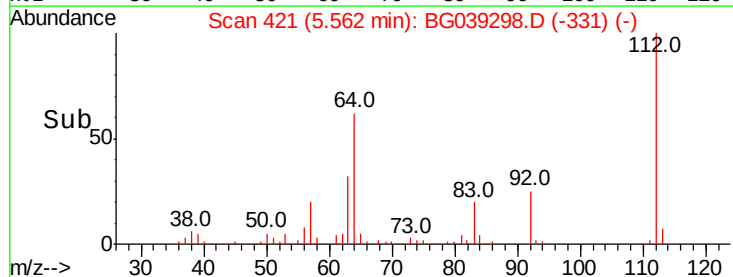
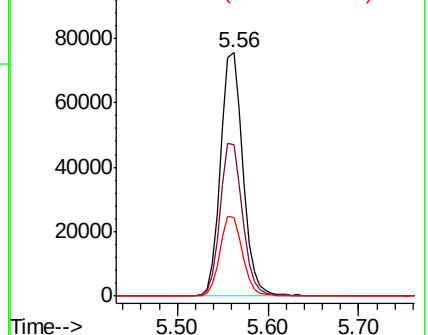
63 32.1 28.0 42.0

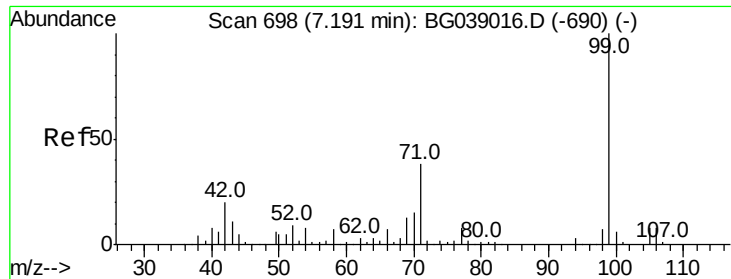


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 129.957 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039298.D

Acq: 26 Jan 2019 5:50

Instrument :

BNA_G

ClientSampleId :

S2

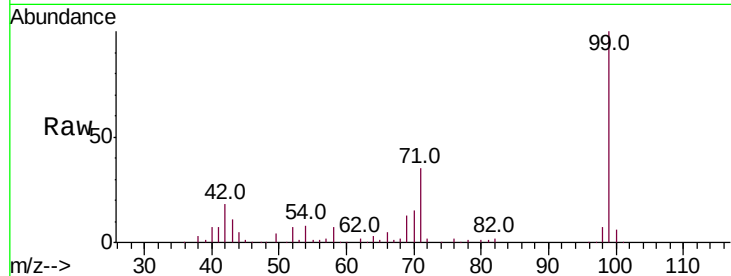
Tot Ion: 99 Resp: 160348

Ion Ratio Lower Upper

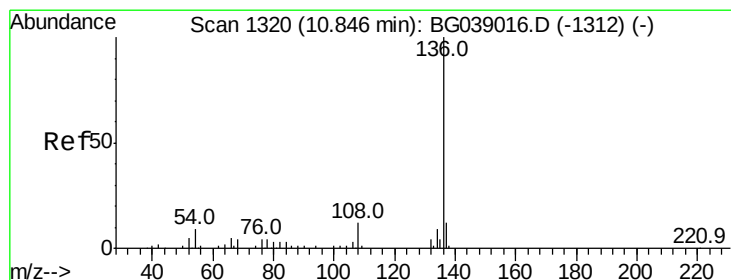
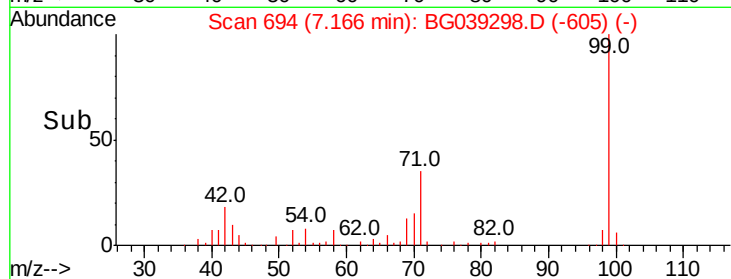
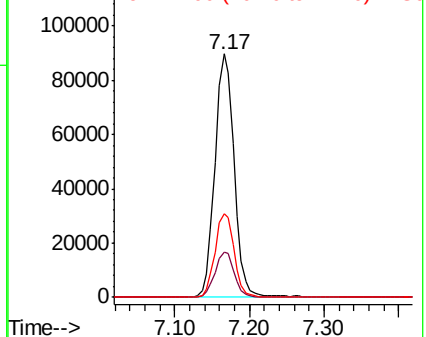
99 100

42 18.4 15.8 23.6

71 34.5 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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG039298.D

Acq: 26 Jan 2019 5:50

Tgt Ion: 136 Resp: 63605

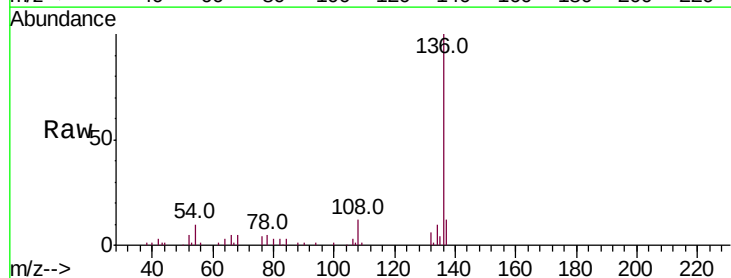
Ion Ratio Lower Upper

136 100

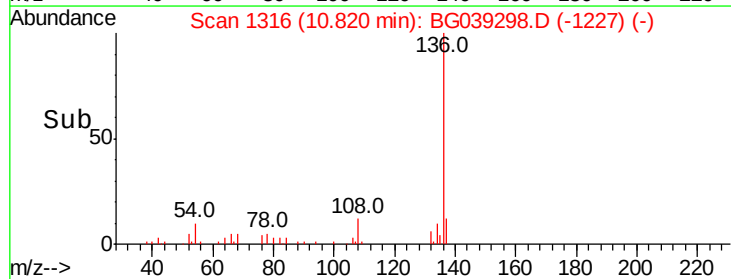
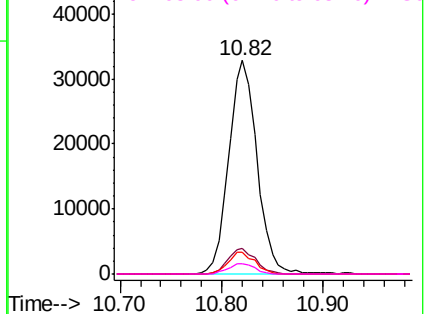
137 12.0 9.4 14.2

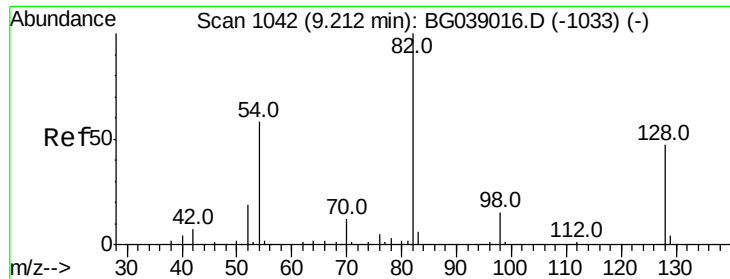
54 10.2 7.2 10.8

68 4.9 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

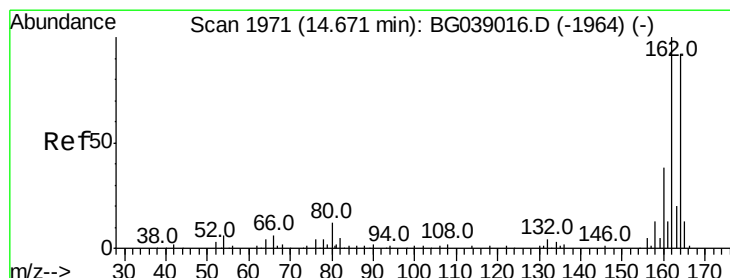
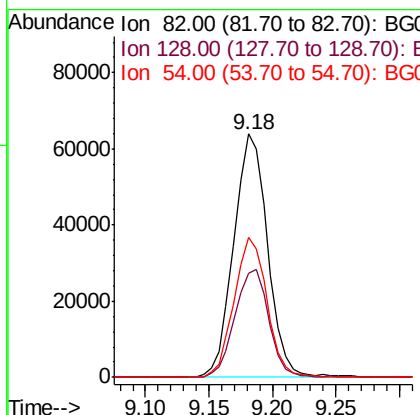
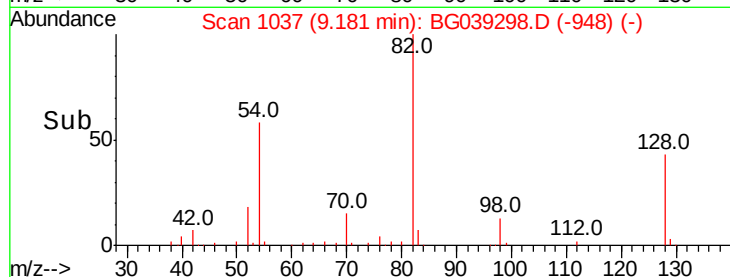
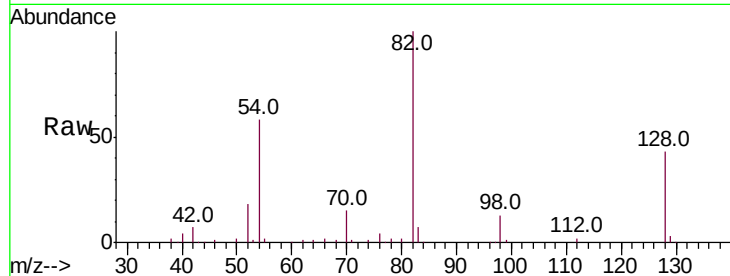




#23
 Nitrobenzene-d5
 Concen: 101.591 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG039298.D
 Acq: 26 Jan 2019 5:50

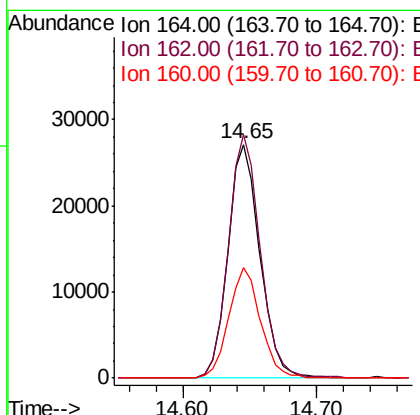
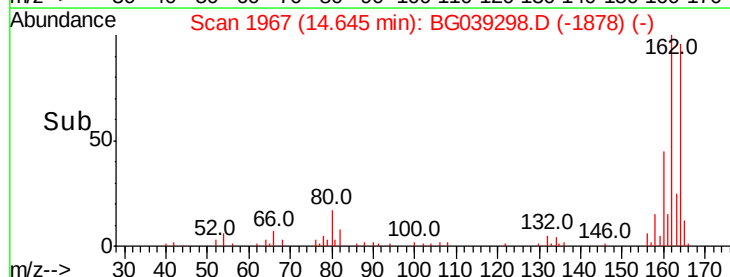
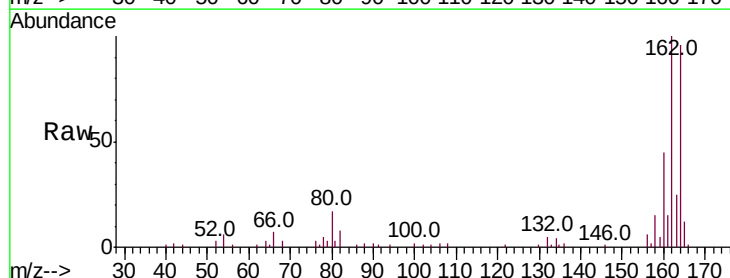
Instrument :
 BNA_G
 ClientSampled :
 S2

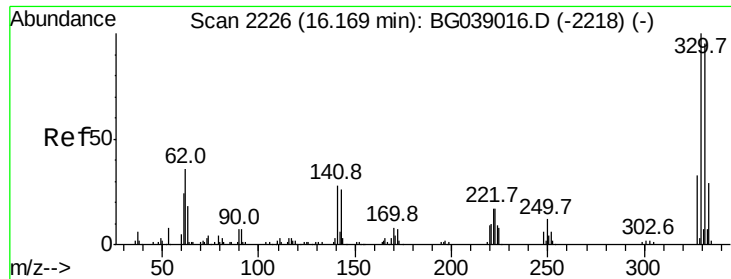
Tot Ion: 82 Resp: 118088
 Ion Ratio Lower Upper
 82 100
 128 42.7 37.3 55.9
 54 57.7 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG039298.D
 Acq: 26 Jan 2019 5:50

Tgt Ion:164 Resp: 45168
 Ion Ratio Lower Upper
 164 100
 162 104.3 87.2 130.8
 160 47.3 33.3 49.9

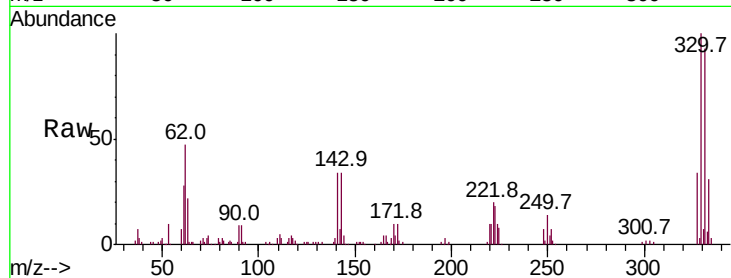




#42
 2,4,6-Tribromophenol
 Concen: 130.779 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG039298.D
 Acq: 26 Jan 2019 5:50

Instrument :
 BNA_G
 ClientSampled :
 S2

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	75.7	113.5
141	33.4	24.9	37.3

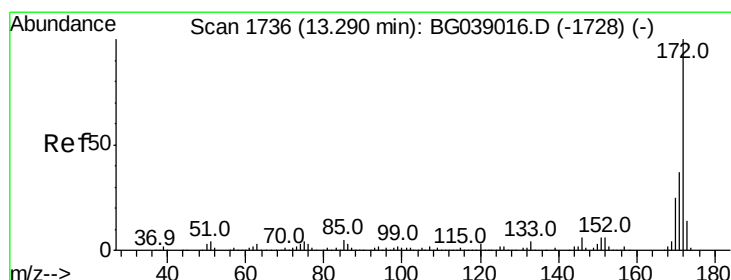
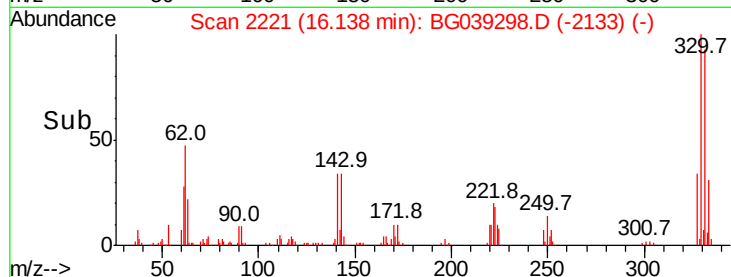
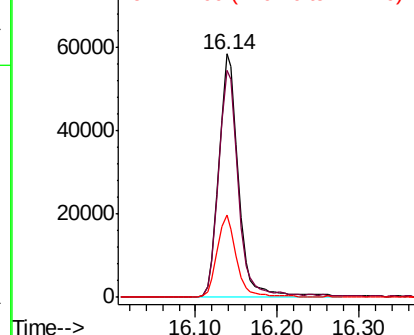


Abundance

Ion 329.80 (329.50 to 330.50): E

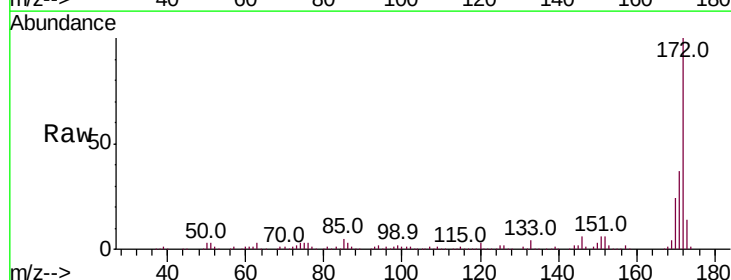
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.823 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039298.D
 Acq: 26 Jan 2019 5:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.0
170	24.3	20.1	30.1

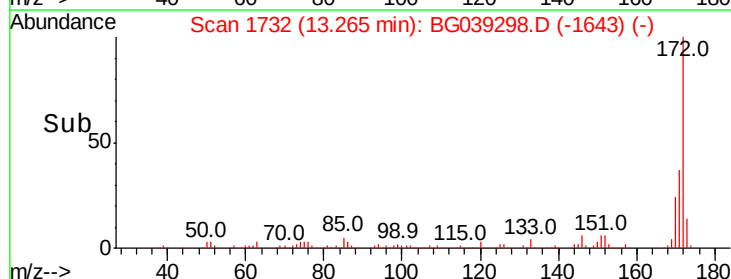
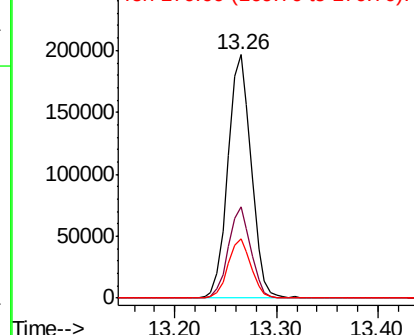


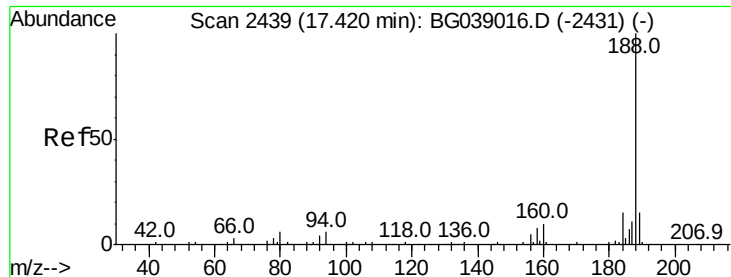
Abundance

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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039298.D

Acq: 26 Jan 2019 5:50

Instrument :

BNA_G

ClientSampled :

S2

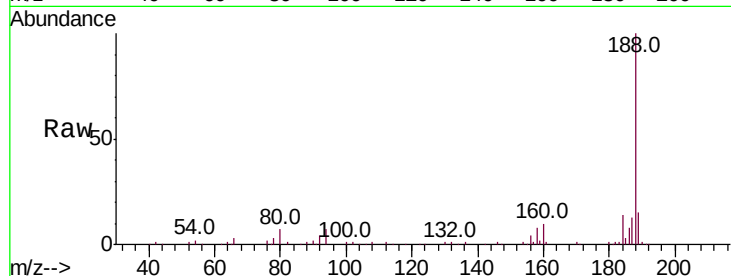
Tot Ion:188 Resp: 125474

Ion Ratio Lower Upper

188 100

94 6.7 5.0 7.4

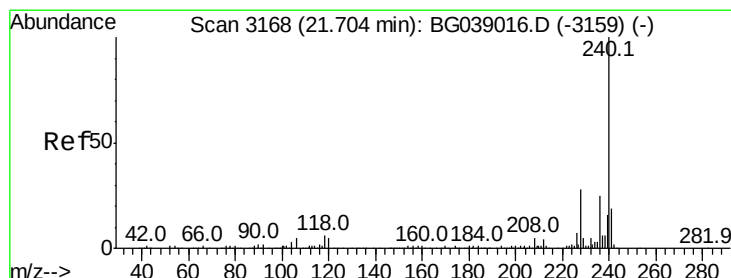
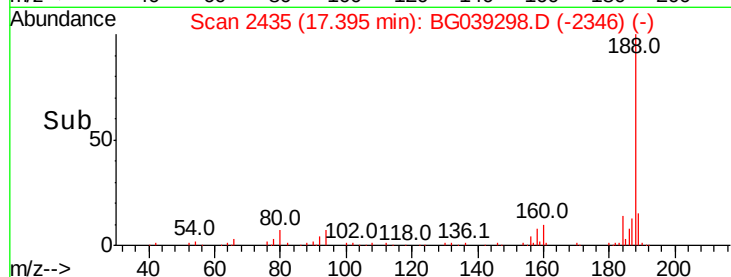
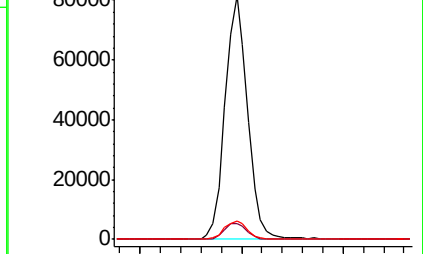
80 7.3 4.7 7.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039298.D

Acq: 26 Jan 2019 5:50

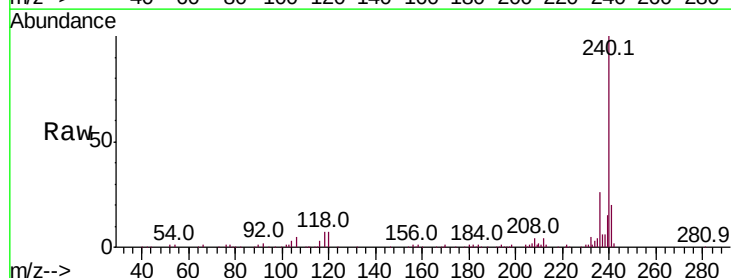
Tgt Ion:240 Resp: 141594

Ion Ratio Lower Upper

240 100

120 7.2 4.3 6.5#

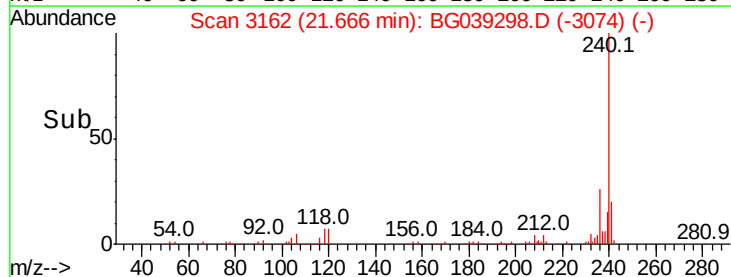
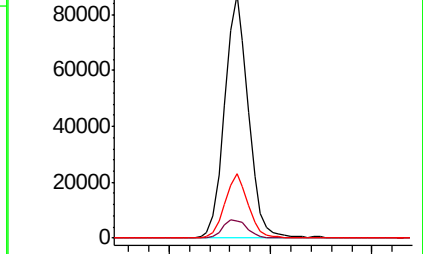
236 26.2 20.1 30.1

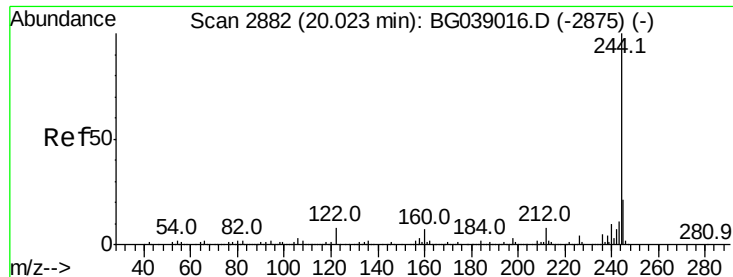


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.849 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039298.D

Acq: 26 Jan 2019 5:50

Instrument :

BNA_G

ClientSampleId :

S2

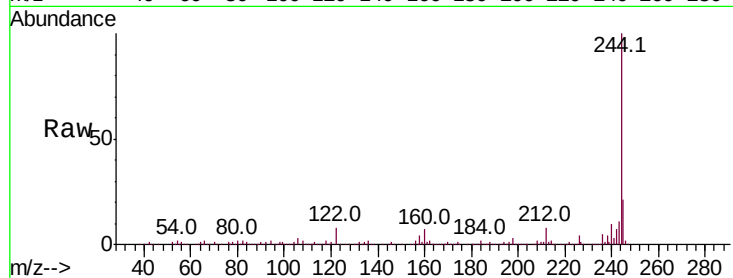
Tot Ion:244 Resp: 687719

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

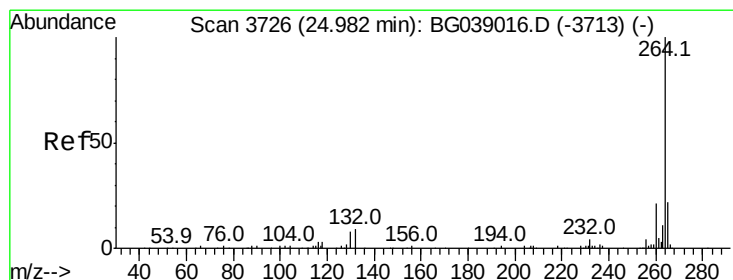
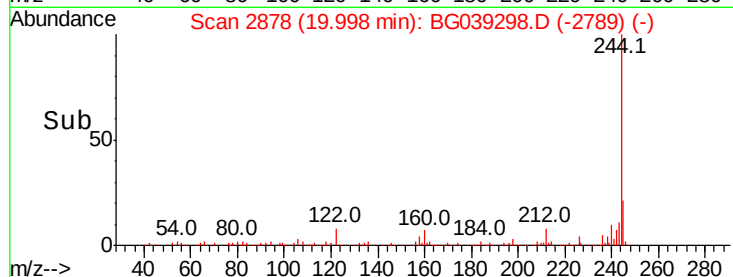
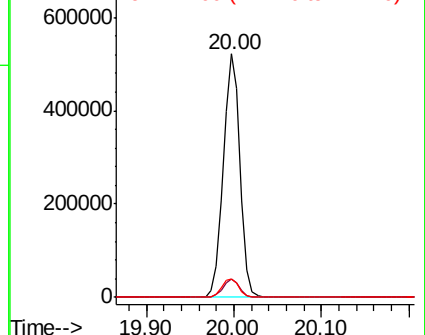
122 7.8 6.1 9.1



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: 24.92 min Scan# 3716

Delta R.T. -0.03 min

Lab File: BG039298.D

Acq: 26 Jan 2019 5:50

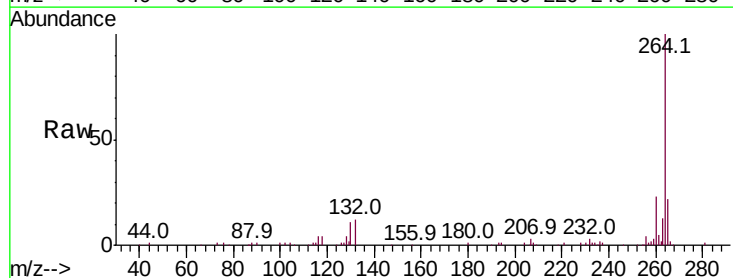
Tgt Ion:264 Resp: 148257

Ion Ratio Lower Upper

264 100

260 22.8 17.0 25.6

265 21.5 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

