

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
 Data File : BG039246.D
 Acq On : 21 Jan 2019 23:17
 Operator : JU/SJ
 Sample : PB116524TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116524TB

Quant Time: Jan 22 00:22:37 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	18592	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	74857	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	57430	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	149182	20.00	ng	0.00
76) Chrysene-d12	21.67	240	156298	20.00	ng	-0.02
87) Perylene-d12	24.93	264	165235	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	189665	193.52	ng	0.00
7) Phenol-d6	7.17	99	198986	141.08	ng	0.00
23) Nitrobenzene-d5	9.19	82	114330	83.57	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	101970	105.92	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	357046	85.08	ng	0.00
79) Terphenyl-d14	20.00	244	742110	87.83	ng	0.00

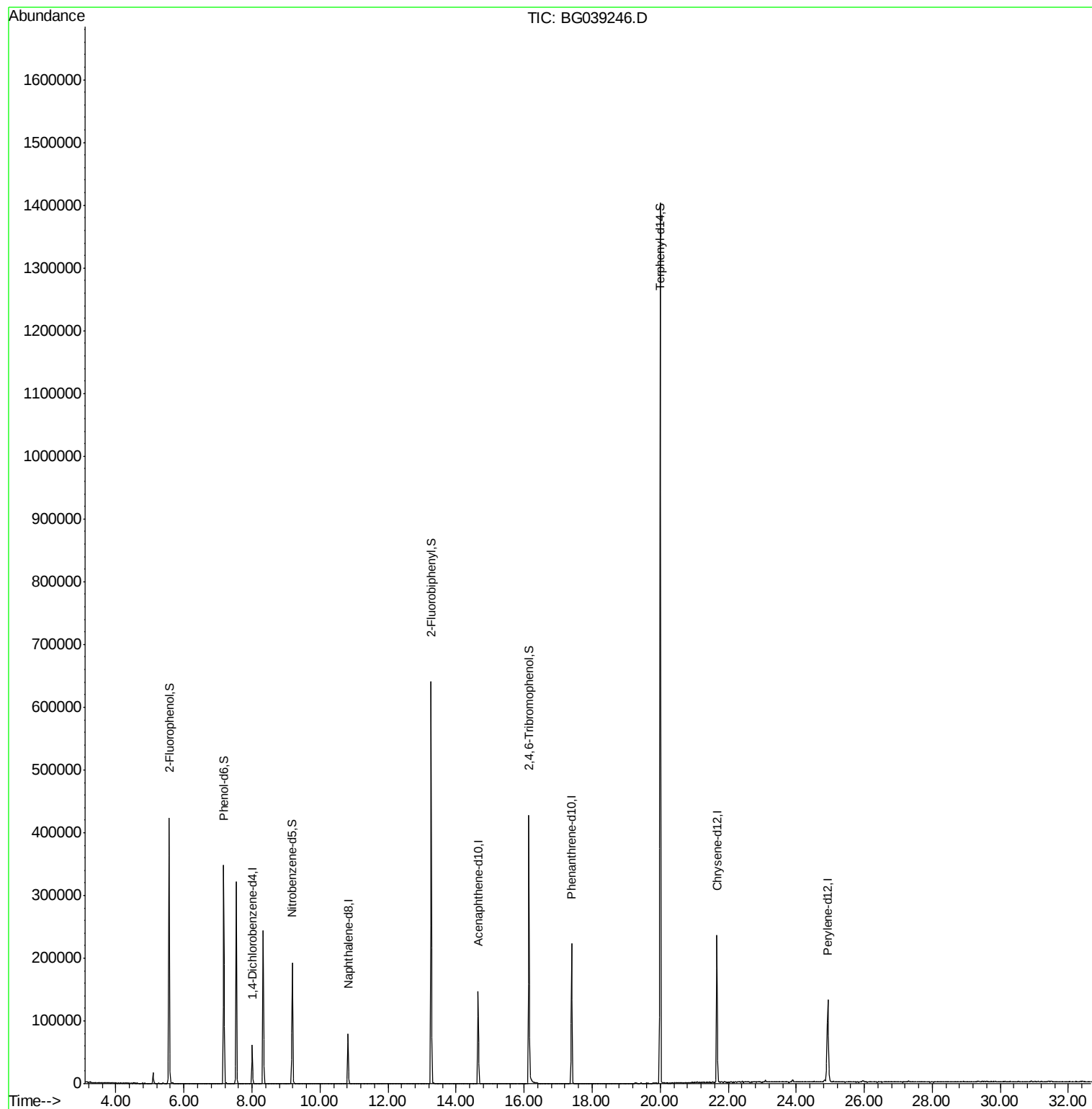
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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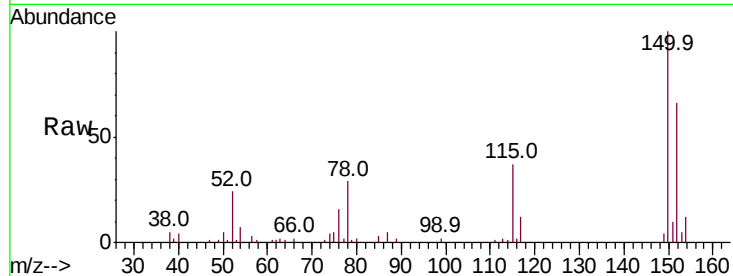


#1

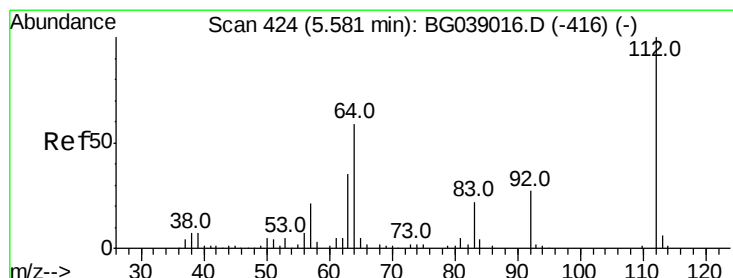
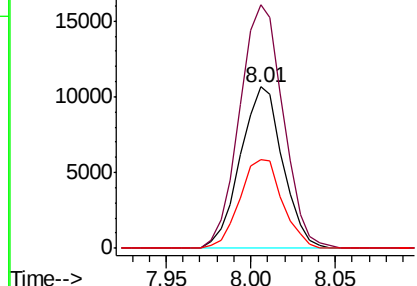
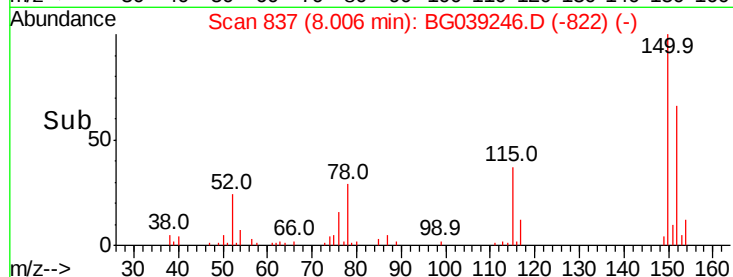
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039246.D
Acq: 21 Jan 2019 23:17

Instrument :
BNA_G
ClientSampleId :
PB116524TB

Tot Ion:152 Resp: 18592
Ion Ratio Lower Upper
152 100
150 151.1 124.7 187.1
115 55.4 46.5 69.7



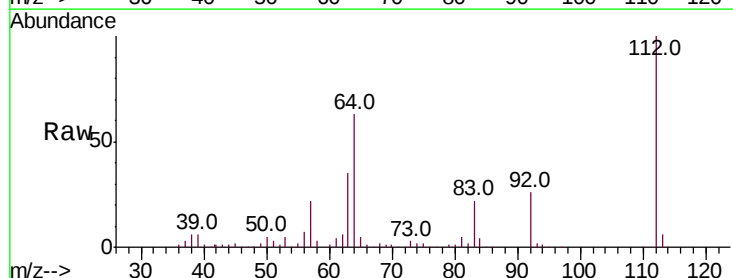
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



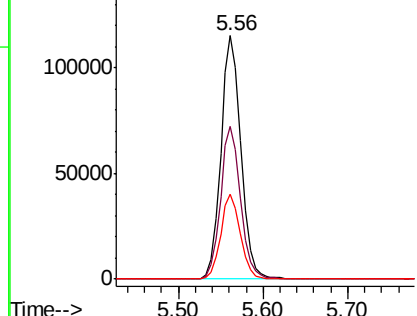
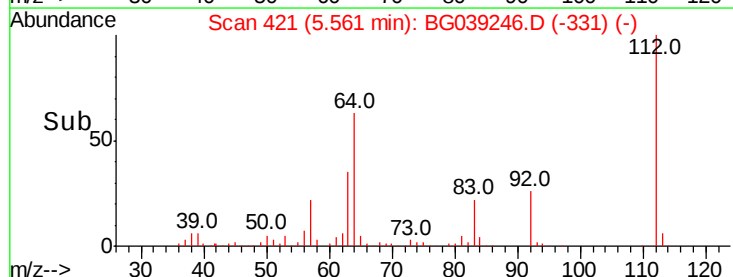
#5

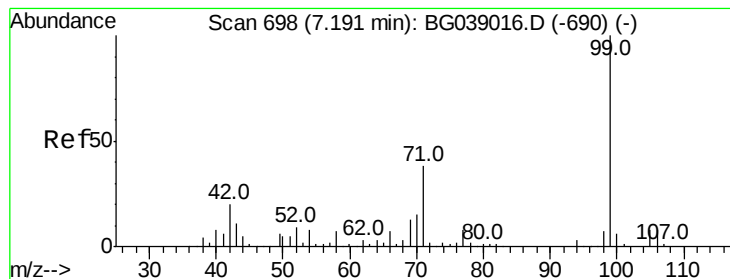
2-Fluorophenol
Concen: 193.519 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039246.D
Acq: 21 Jan 2019 23:17

Tgt Ion:112 Resp: 189665
Ion Ratio Lower Upper
112 100
64 62.6 47.0 70.6
63 34.8 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: 141.078 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039246.D

Acq: 21 Jan 2019 23:17

Instrument :

BNA_G

ClientSampleId :

PB116524TB

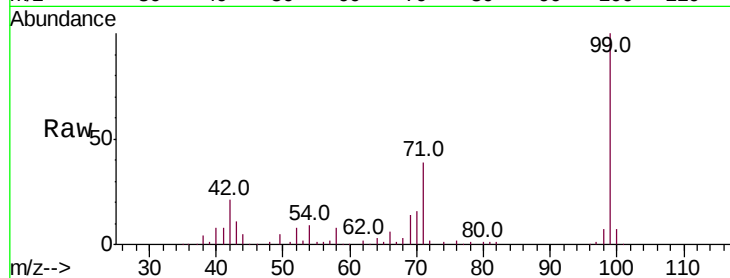
Tot Ion: 99 Resp: 198986

Ion Ratio Lower Upper

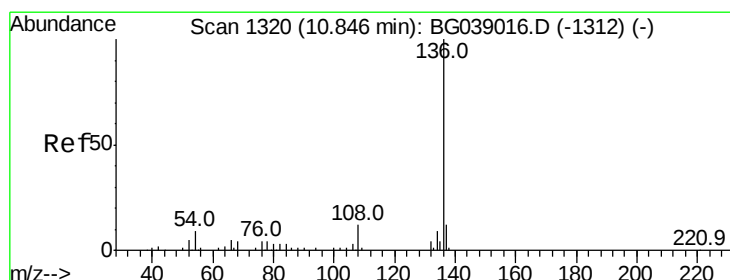
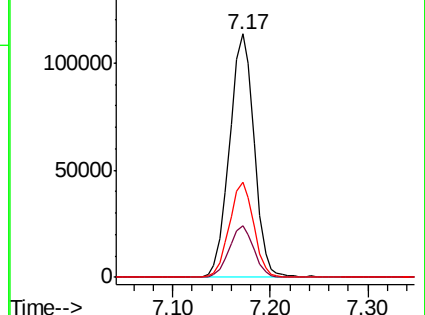
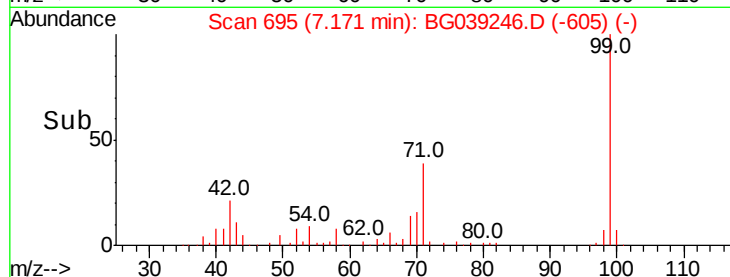
99 100

42 21.3 15.8 23.6

71 39.3 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: BG039246.D

Acq: 21 Jan 2019 23:17

Tgt Ion: 136 Resp: 74857

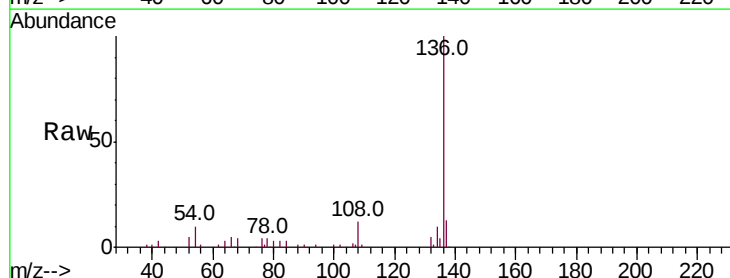
Ion Ratio Lower Upper

136 100

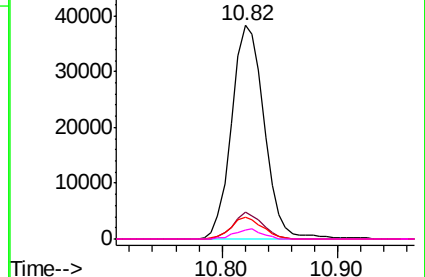
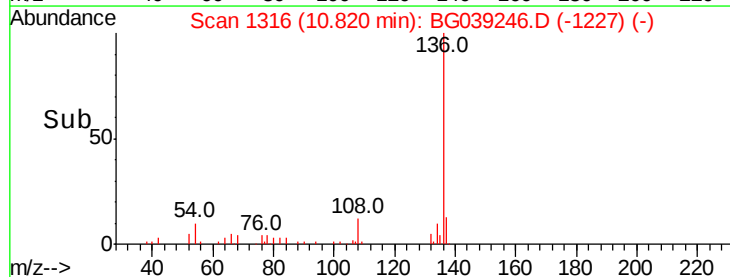
137 12.5 9.4 14.2

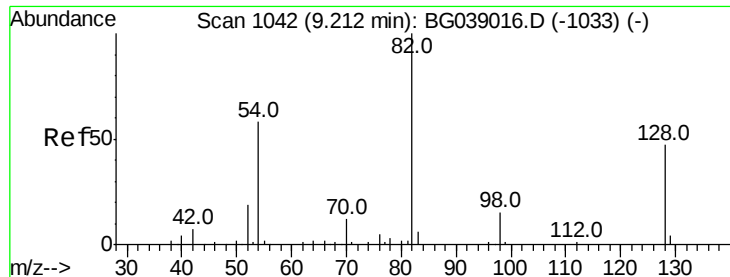
54 10.4 7.2 10.8

68 4.0 3.5 5.3



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

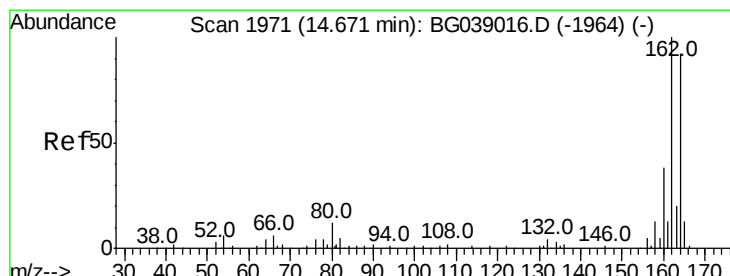
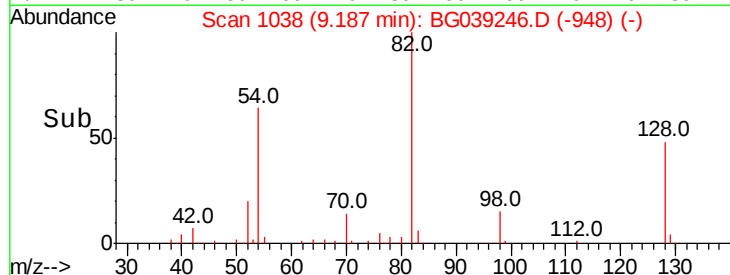
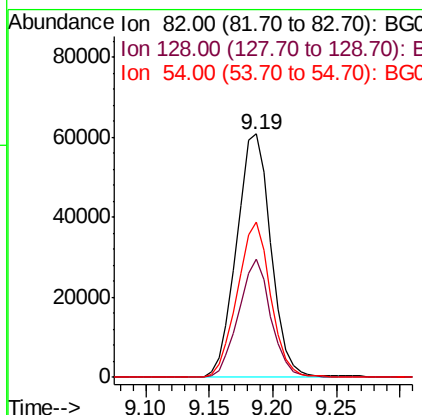
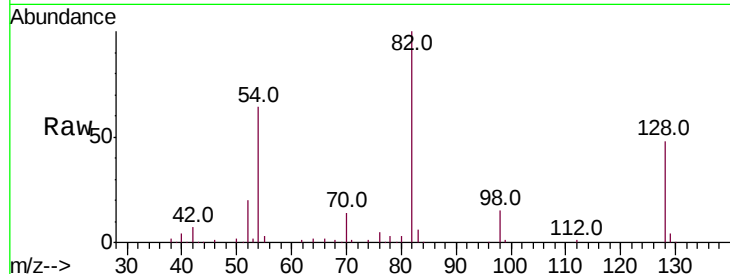




#23
 Nitrobenzene-d5
 Concen: 83.574 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG039246.D
 Acq: 21 Jan 2019 23:17

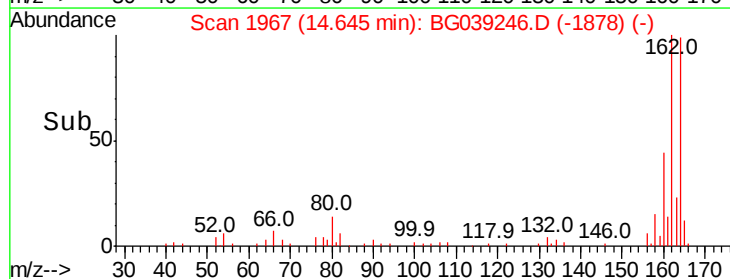
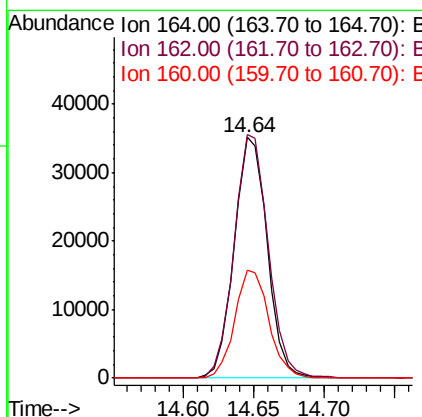
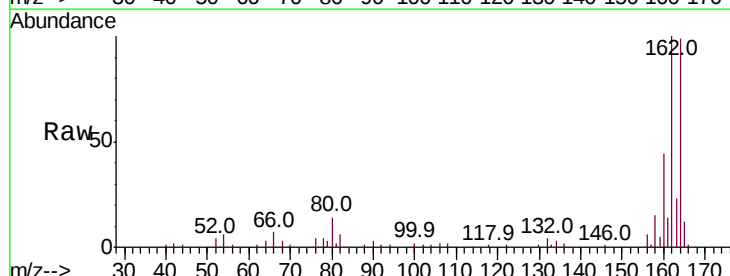
Instrument :
 BNA_G
 ClientSampleId :
 PB116524TB

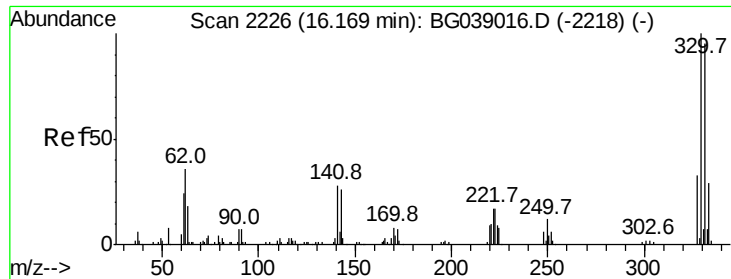
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.3	55.9
54	63.5	46.4	69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG039246.D
 Acq: 21 Jan 2019 23:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	87.2	130.8
160	44.8	33.3	49.9





#42

2,4,6-Tribromophenol

Concen: 105.922 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039246.D

Acq: 21 Jan 2019 23:17

Instrument :

BNA_G

ClientSampleId :

PB116524TB

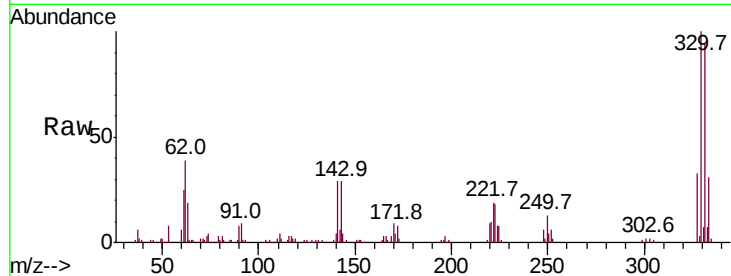
Tot Ion:330 Resp: 101970

Ion Ratio Lower Upper

330 100

332 96.9 75.7 113.5

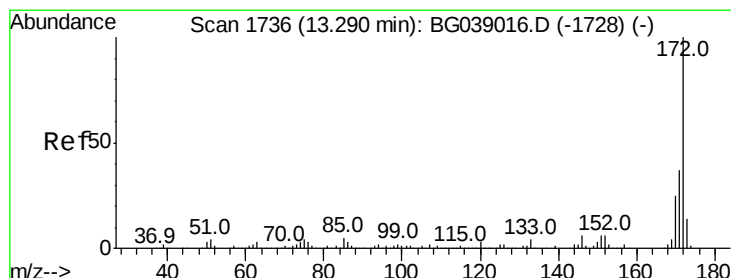
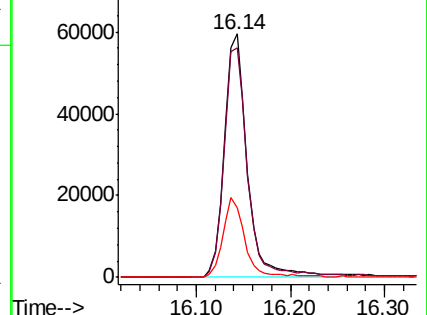
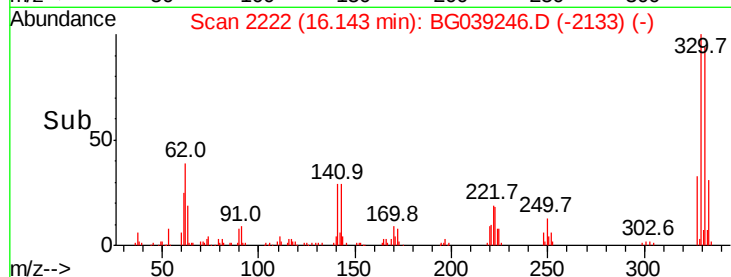
141 31.8 24.9 37.3



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: 85.085 ng

RT: 13.26 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG039246.D

Acq: 21 Jan 2019 23:17

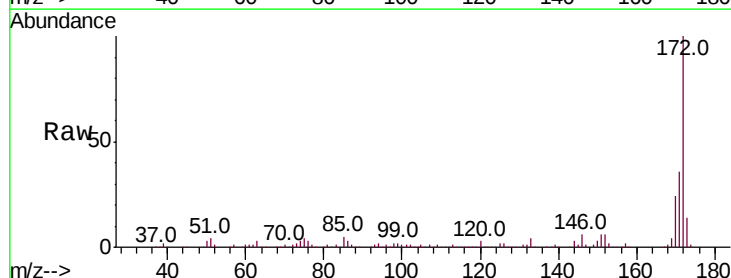
Tgt Ion:172 Resp: 357046

Ion Ratio Lower Upper

172 100

171 35.7 29.4 44.0

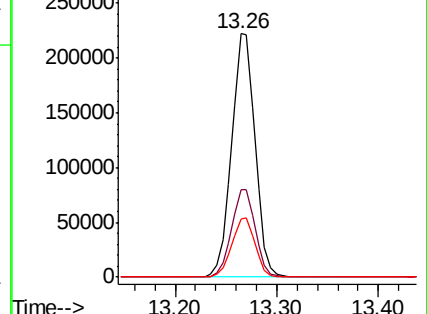
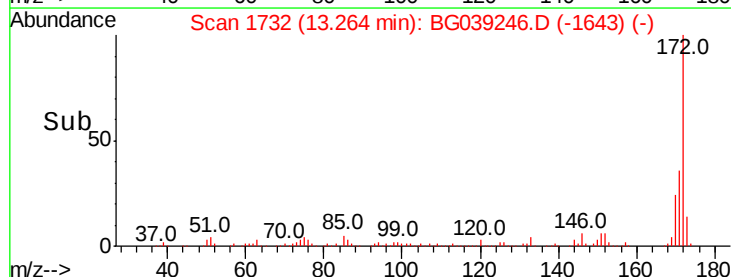
170 23.8 20.1 30.1

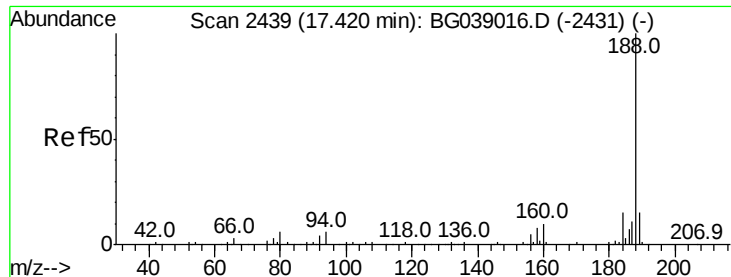


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

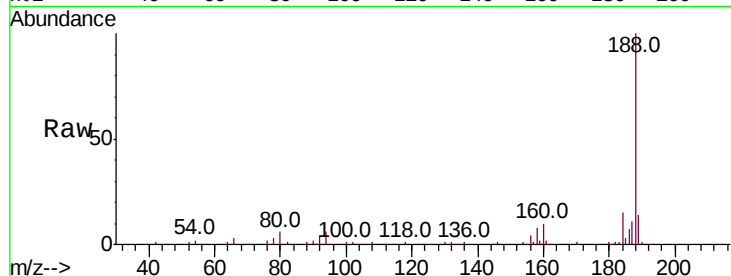




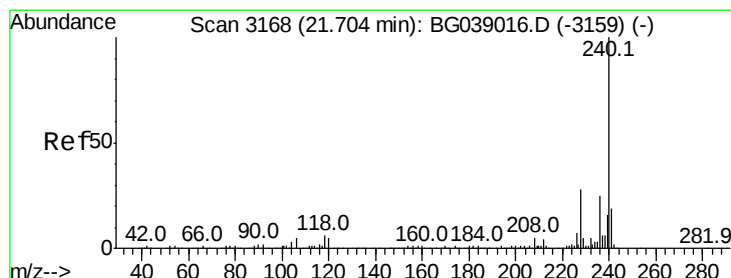
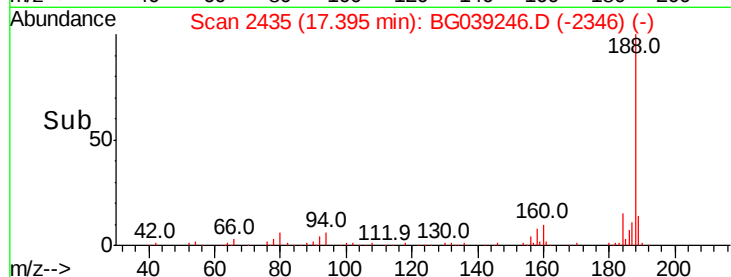
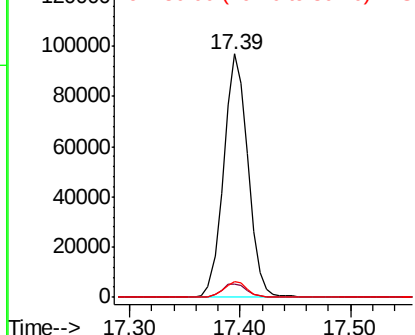
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039246.D
Acq: 21 Jan 2019 23:17

Instrument :
BNA_G
ClientSampleId :
PB116524TB

Tot Ion:188 Resp: 149182
Ion Ratio Lower Upper
188 100
94 5.6 5.0 7.4
80 6.3 4.7 7.1

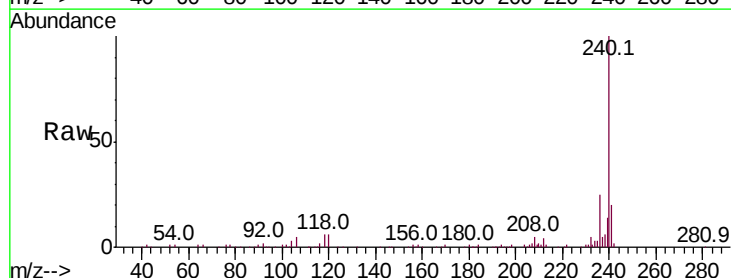


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

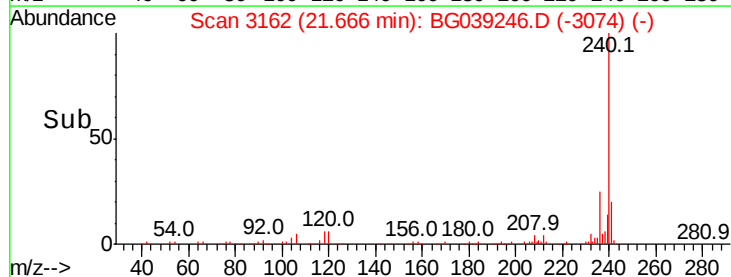
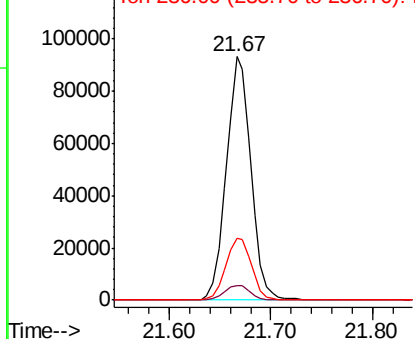


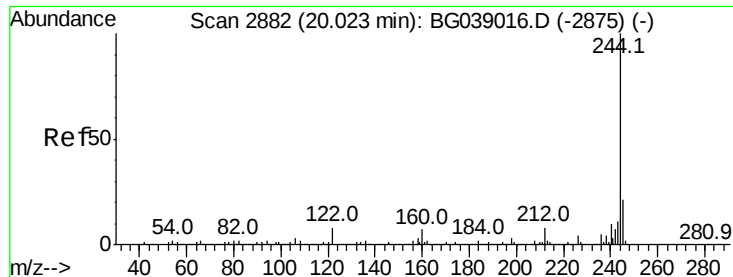
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.02 min
Lab File: BG039246.D
Acq: 21 Jan 2019 23:17

Tgt Ion:240 Resp: 156298
Ion Ratio Lower Upper
240 100
120 6.1 4.3 6.5
236 25.2 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: 87.834 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039246.D

Acq: 21 Jan 2019 23:17

Instrument :

BNA_G

ClientSampleId :

PB116524TB

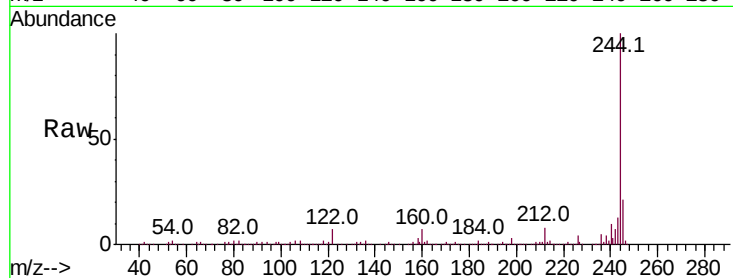
Tot Ion:244 Resp: 742110

Ion Ratio Lower Upper

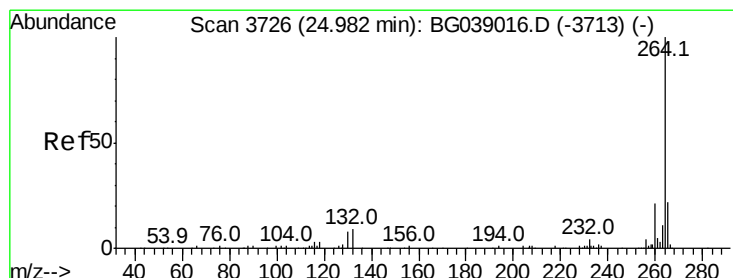
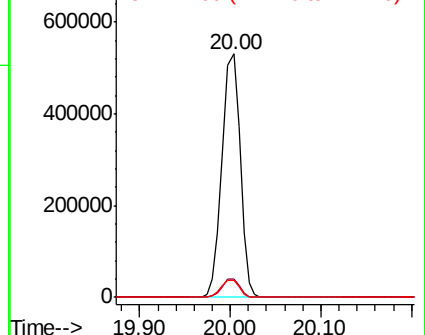
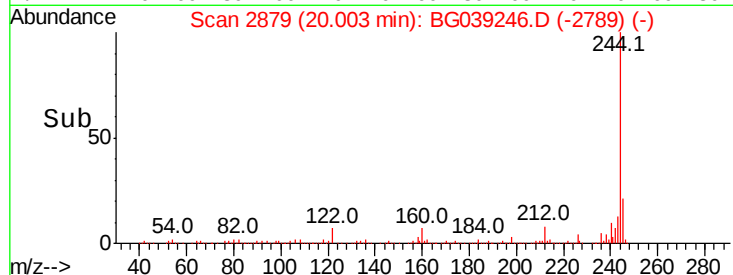
244 100

212 7.6 6.1 9.1

122 6.9 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: 24.93 min Scan# 3717

Delta R.T. -0.02 min

Lab File: BG039246.D

Acq: 21 Jan 2019 23:17

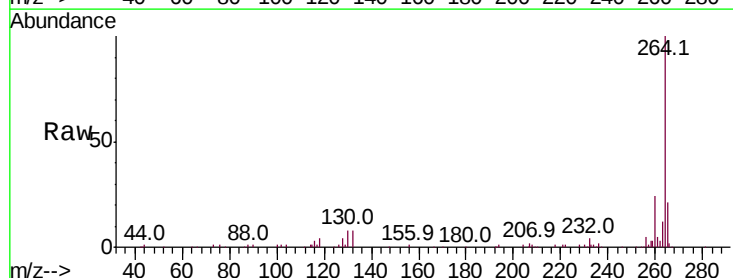
Tgt Ion:264 Resp: 165235

Ion Ratio Lower Upper

264 100

260 23.8 17.0 25.6

265 21.0 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

