

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039279.D
 Acq On : 25 Jan 2019 15:23
 Operator : JU/SJ
 Sample : PB116607BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116607BL

Quant Time: Jan 28 03:21:02 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	16943	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	72492	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	50755	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	132687	20.00	ng	0.00
76) Chrysene-d12	21.67	240	163339	20.00	ng	-0.02
87) Perylene-d12	24.93	264	175498	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	129980	145.53	ng	0.00
7) Phenol-d6	7.16	99	168284	130.92	ng	0.00
23) Nitrobenzene-d5	9.19	82	123200	93.00	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	97576	114.69	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	387260	104.42	ng	0.00
79) Terphenyl-d14	20.00	244	701752	79.48	ng	0.00

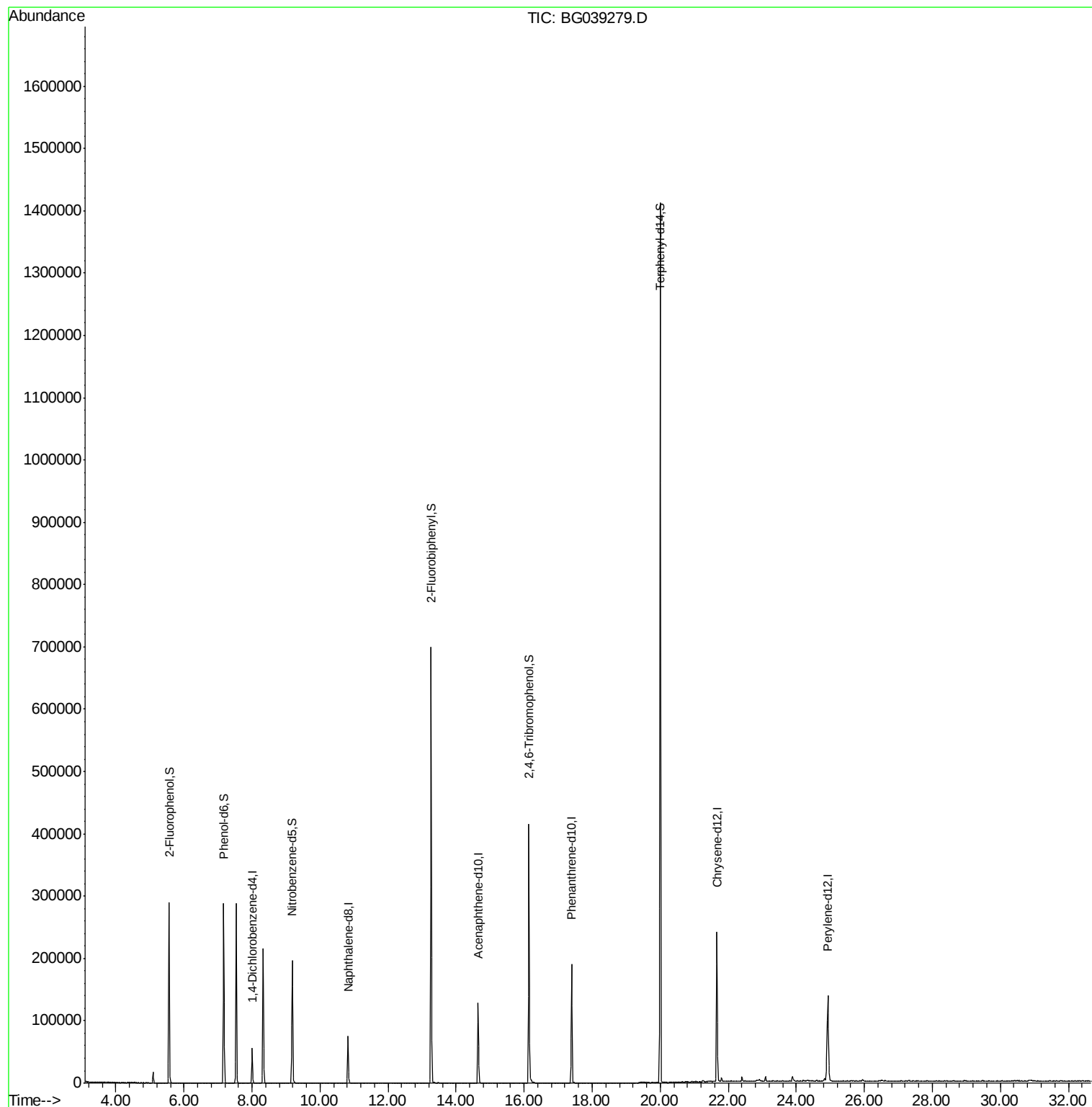
Target Compounds Qvalue

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

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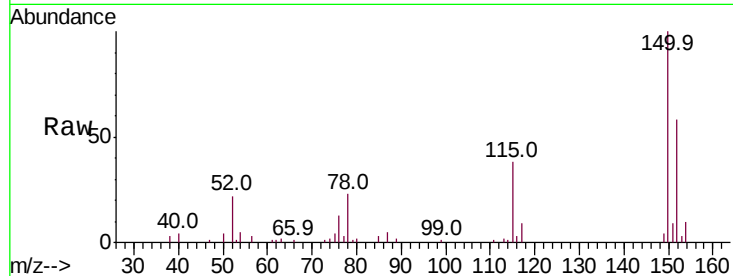


#1

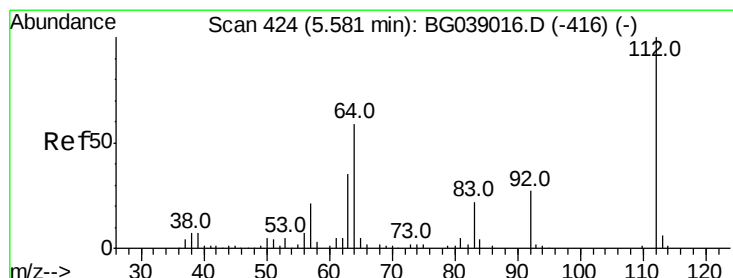
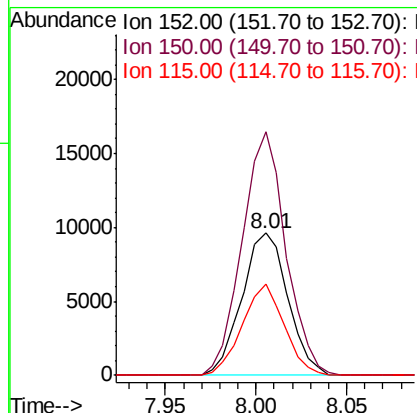
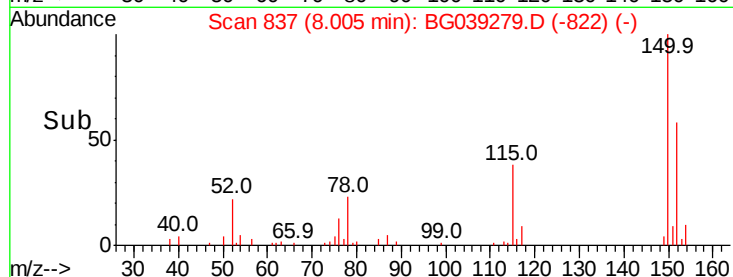
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039279.D
Acq: 25 Jan 2019 15:23

Instrument :
BNA_G
ClientSampleId :
PB116607BL

Tot Ion:152 Resp: 16943
Ion Ratio Lower Upper
152 100
150 171.5 124.7 187.1
115 64.6 46.5 69.7



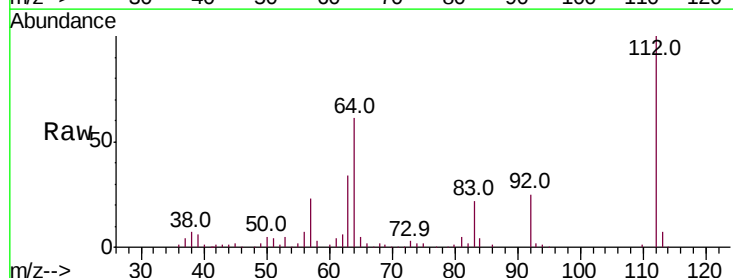
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



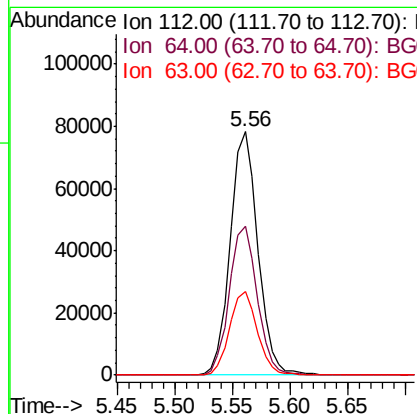
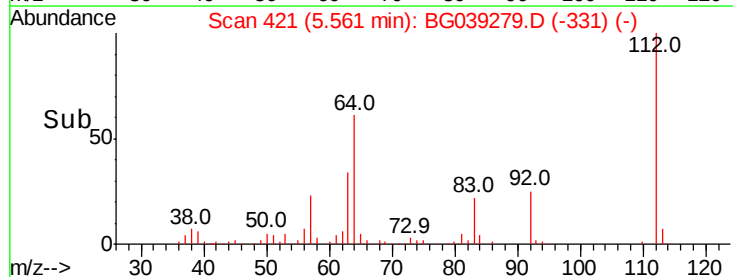
#5

2-Fluorophenol
Concen: 145.529 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039279.D
Acq: 25 Jan 2019 15:23

Tgt Ion:112 Resp: 129980
Ion Ratio Lower Upper
112 100
64 61.3 47.0 70.6
63 34.3 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: 130.923 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039279.D

Acq: 25 Jan 2019 15:23

Instrument :

BNA_G

ClientSampleId :

PB116607BL

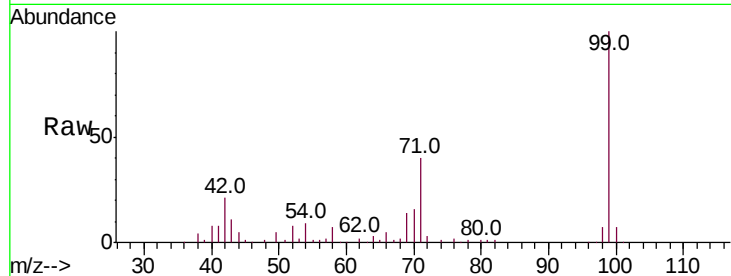
Tot Ion: 99 Resp: 168284

Ion Ratio Lower Upper

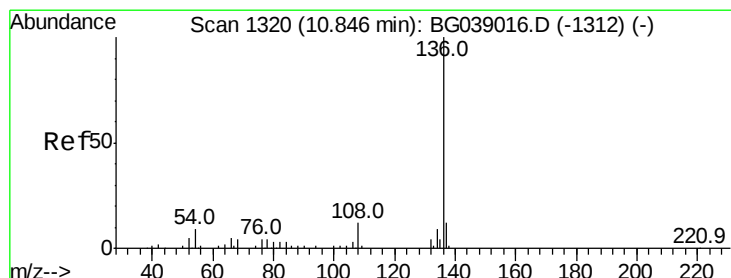
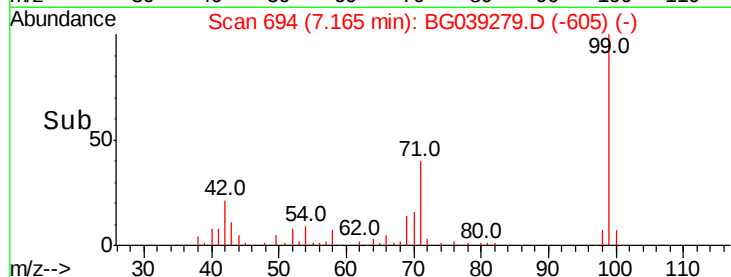
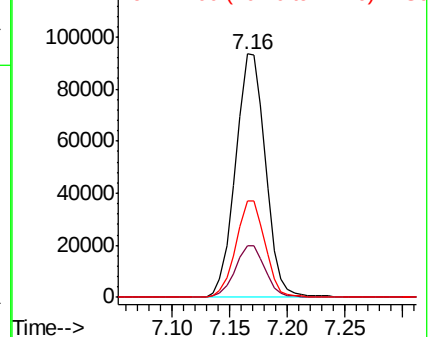
99 100

42 21.0 15.8 23.6

71 39.6 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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG039279.D

Acq: 25 Jan 2019 15:23

Tgt Ion: 136 Resp: 72492

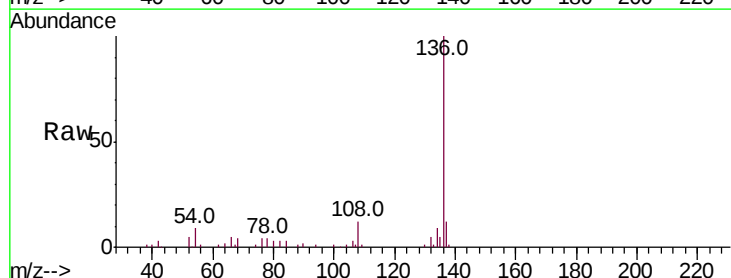
Ion Ratio Lower Upper

136 100

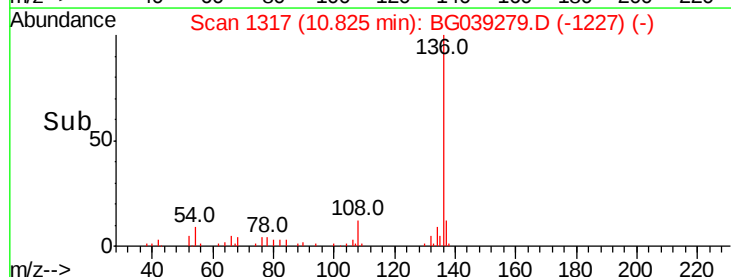
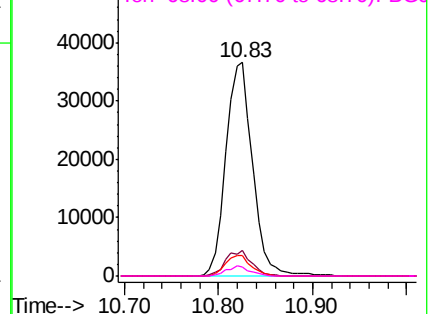
137 12.0 9.4 14.2

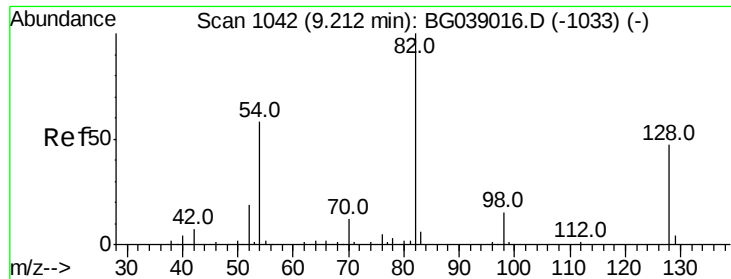
54 9.4 7.2 10.8

68 4.0 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

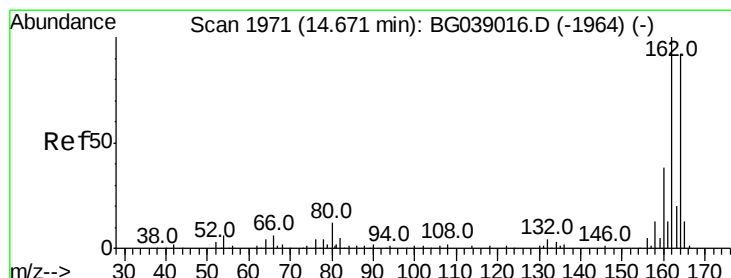
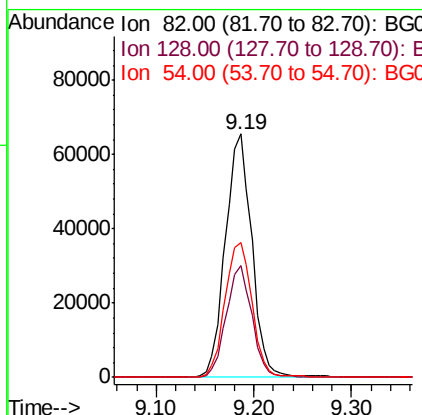
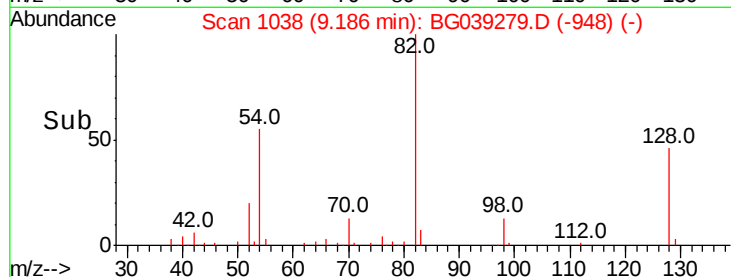
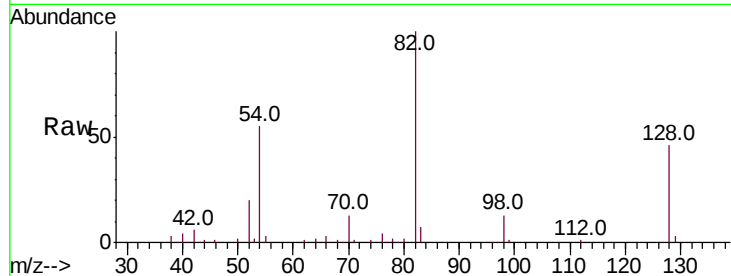




#23
Nitrobenzene-d5
Concen: 92.996 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039279.D
Acq: 25 Jan 2019 15:23

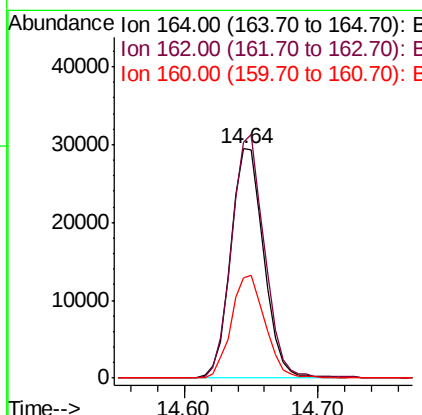
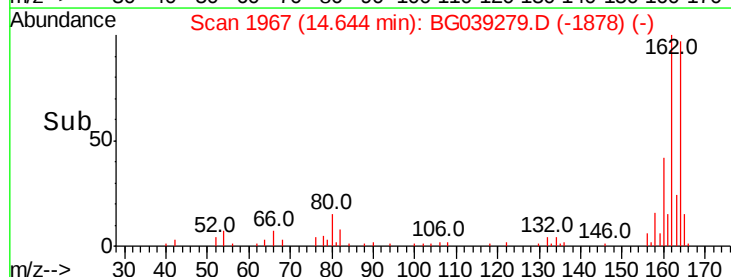
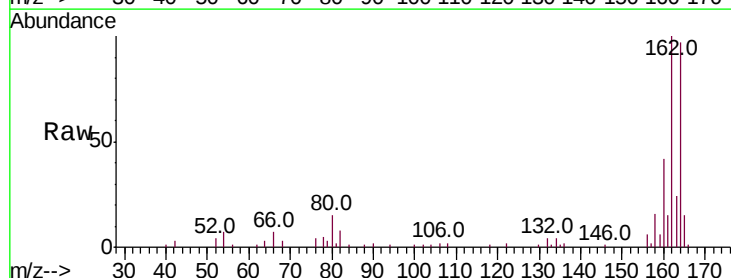
Instrument :
BNA_G
ClientSampleId :
PB116607BL

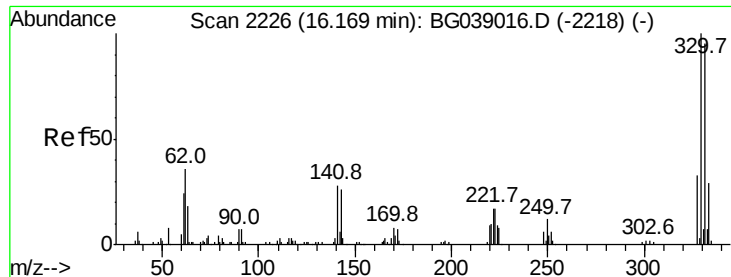
Tot Ion: 82 Resp: 123200
Ion Ratio Lower Upper
82 100
128 45.7 37.3 55.9
54 55.4 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG039279.D
Acq: 25 Jan 2019 15:23

Tgt Ion:164 Resp: 50755
Ion Ratio Lower Upper
164 100
162 103.0 87.2 130.8
160 43.7 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 114.688 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039279.D

Acq: 25 Jan 2019 15:23

Instrument :

BNA_G

ClientSampleId :

PB116607BL

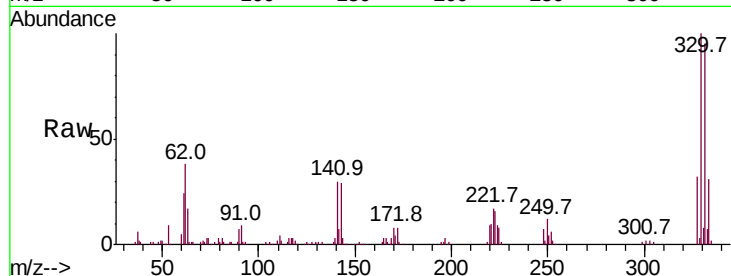
Tot Ion:330 Resp: 97576

Ion Ratio Lower Upper

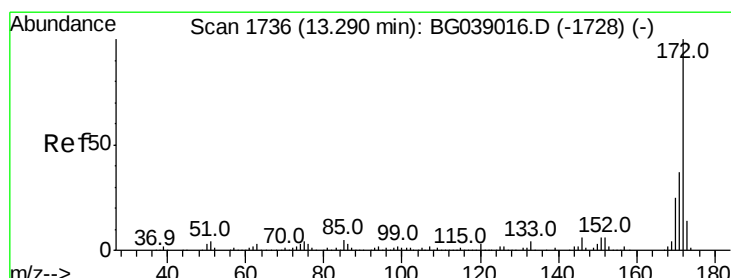
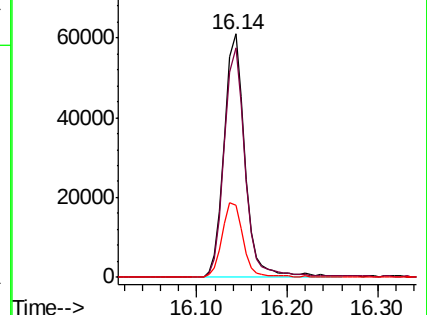
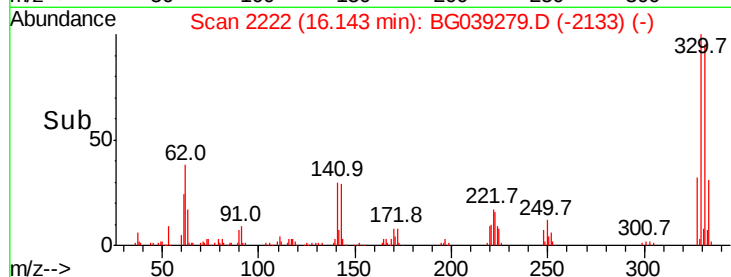
330 100

332 94.7 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: 104.421 ng

RT: 13.26 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG039279.D

Acq: 25 Jan 2019 15:23

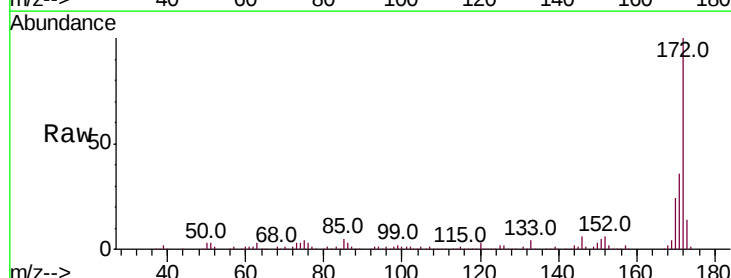
Tgt Ion:172 Resp: 387260

Ion Ratio Lower Upper

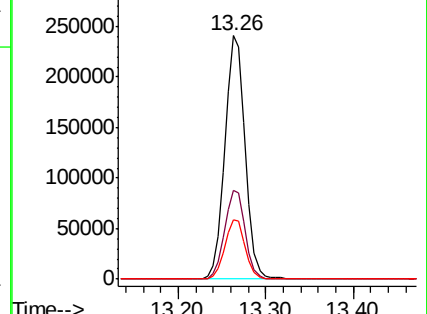
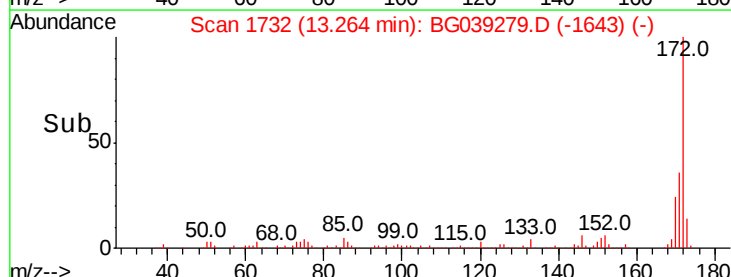
172 100

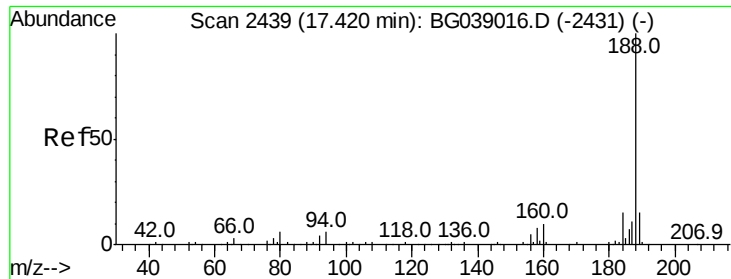
171 36.4 29.4 44.0

170 24.5 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: BG039279.D

Acq: 25 Jan 2019 15:23

Instrument :

BNA_G

ClientSampleId :

PB116607BL

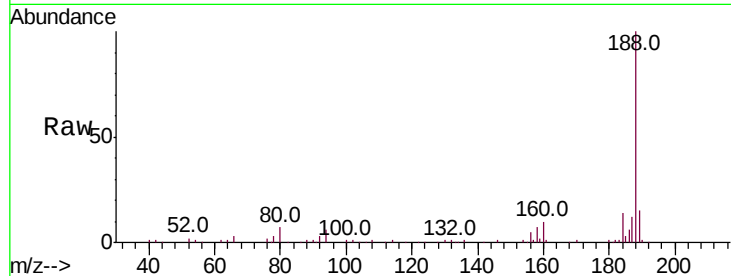
Tot Ion:188 Resp: 132687

Ion Ratio Lower Upper

188 100

94 6.5 5.0 7.4

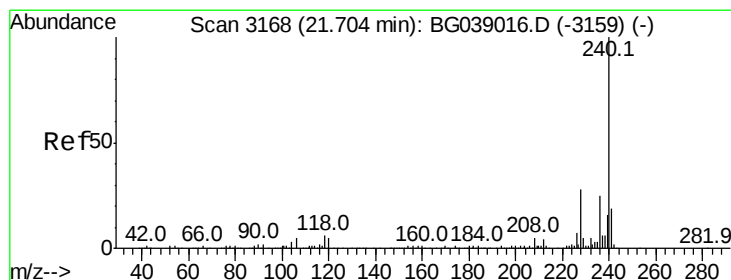
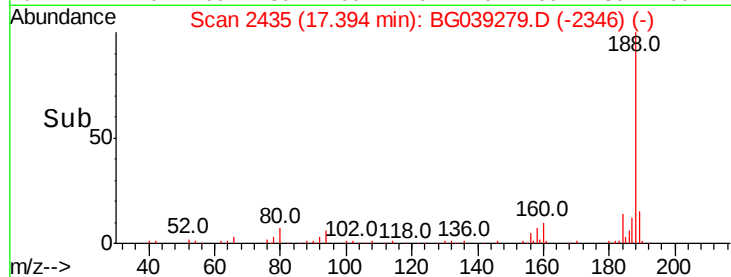
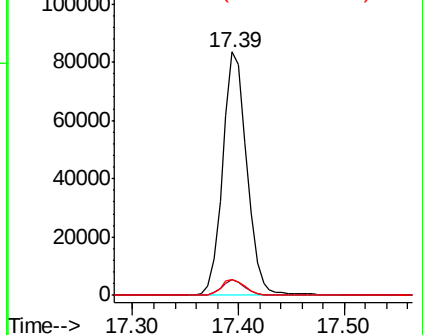
80 6.6 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.02 min

Lab File: BG039279.D

Acq: 25 Jan 2019 15:23

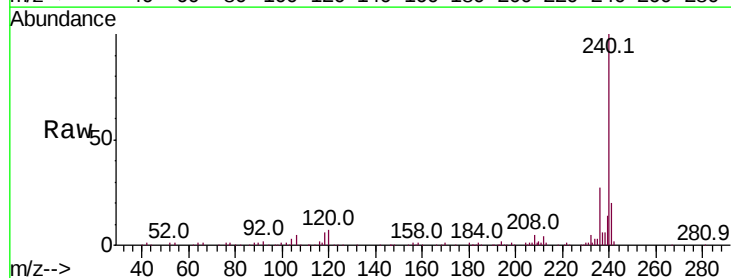
Tgt Ion:240 Resp: 163339

Ion Ratio Lower Upper

240 100

120 6.6 4.3 6.5#

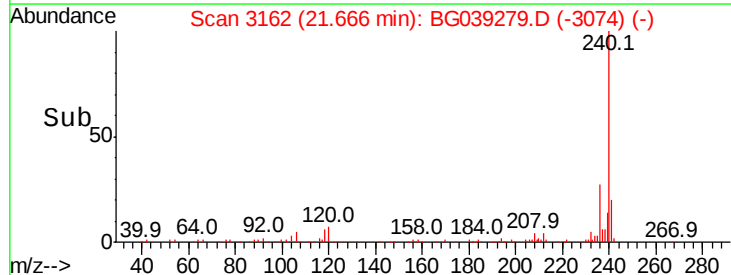
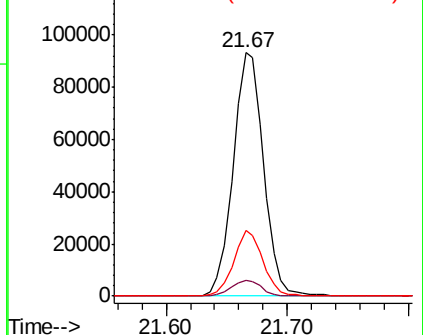
236 26.9 20.1 30.1

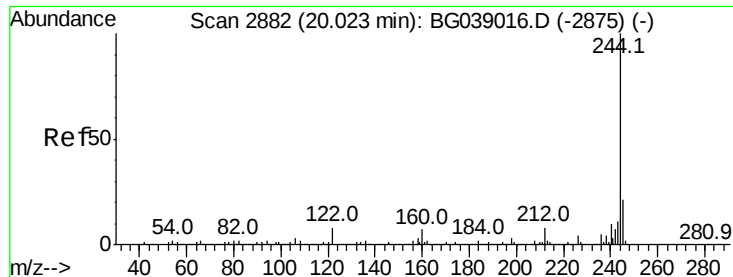


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.477 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039279.D

Acq: 25 Jan 2019 15:23

Instrument :

BNA_G

ClientSampleId :

PB116607BL

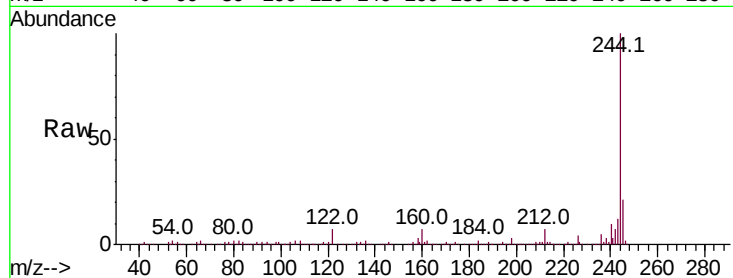
Tot Ion:244 Resp: 701752

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

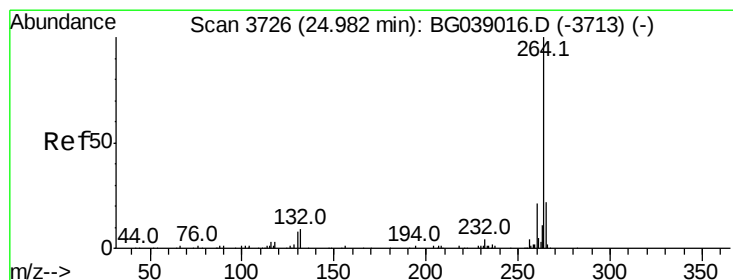
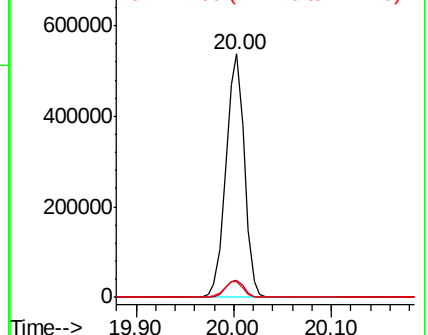
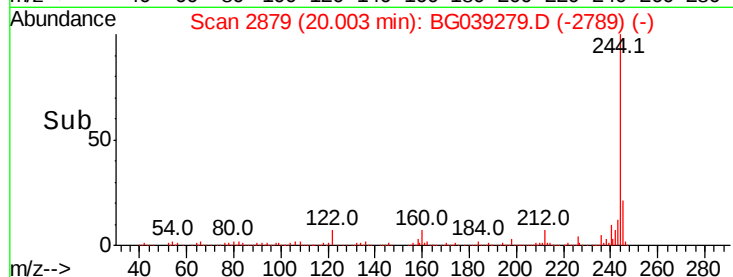
122 6.7 6.1 9.1



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: BG039279.D

Acq: 25 Jan 2019 15:23

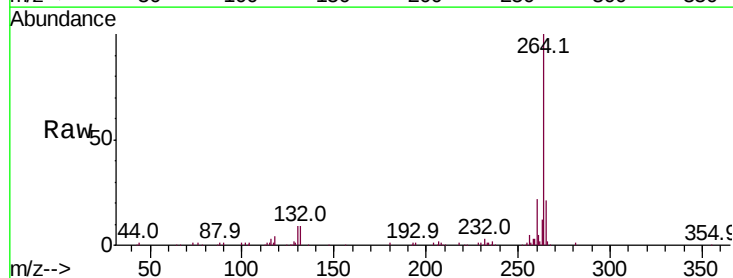
Tgt Ion:264 Resp: 175498

Ion Ratio Lower Upper

264 100

260 22.4 17.0 25.6

265 20.7 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

