

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
 Data File : BG039245.D
 Acq On : 21 Jan 2019 22:37
 Operator : JU/SJ
 Sample : PB116524BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116524BL

Quant Time: Jan 22 00:21:38 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	15052	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	63256	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	47474	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	125063	20.00	ng	0.00
76) Chrysene-d12	21.67	240	138450	20.00	ng	-0.02
87) Perylene-d12	24.93	264	142711	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	114250	143.99	ng	0.00
7) Phenol-d6	7.17	99	165987	145.36	ng	0.00
23) Nitrobenzene-d5	9.19	82	90045	77.89	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	74676	93.84	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	286491	82.59	ng	0.00
79) Terphenyl-d14	20.00	244	573636	76.65	ng	0.00

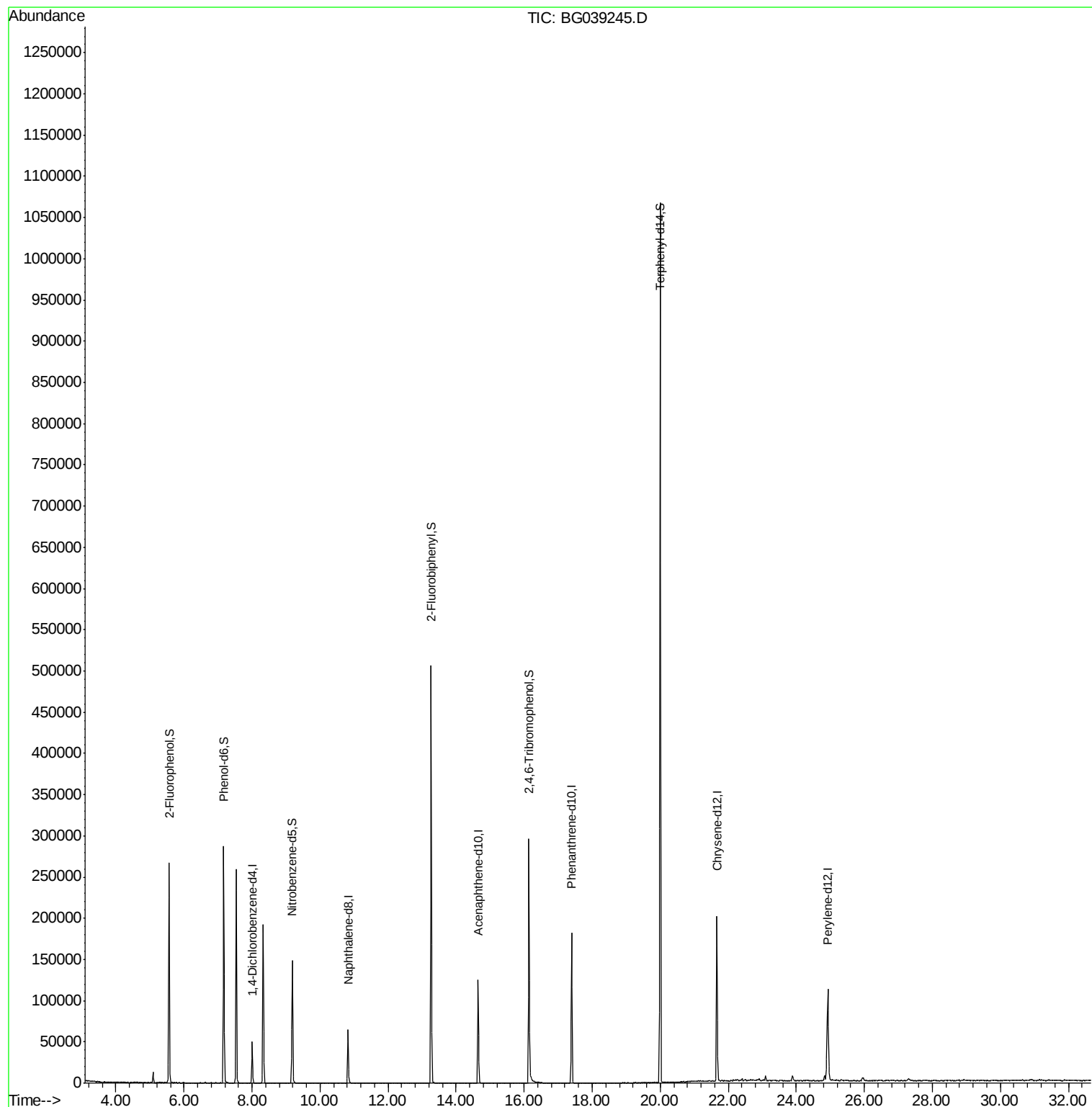
Target Compounds Qvalue

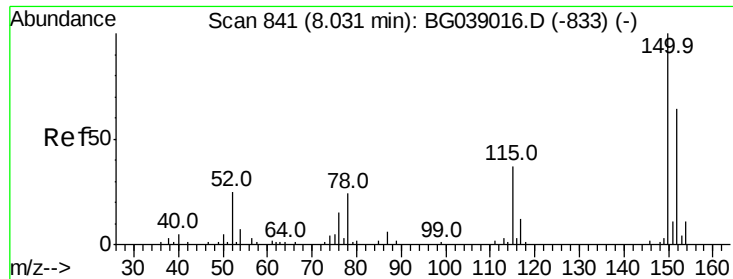
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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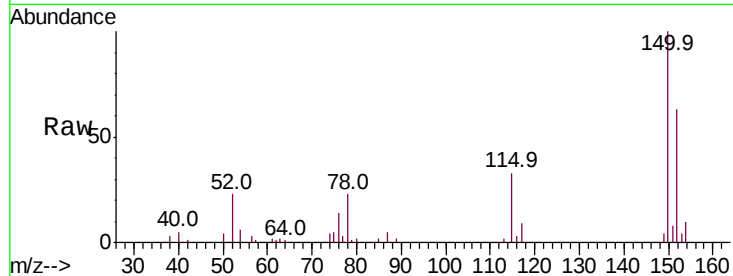


#1

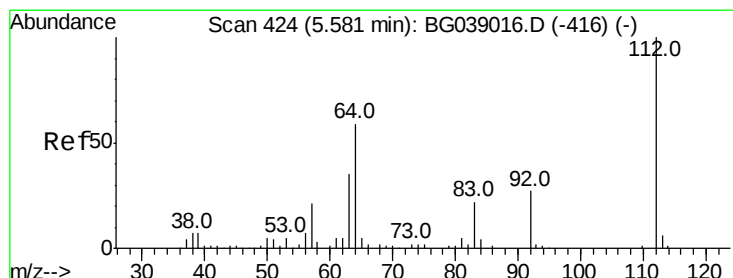
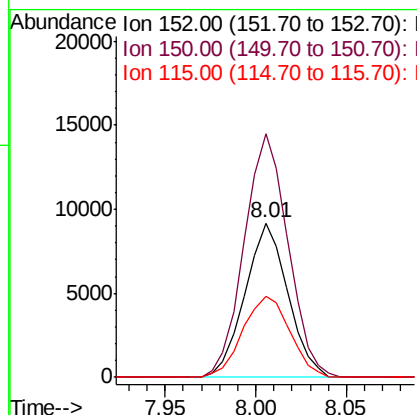
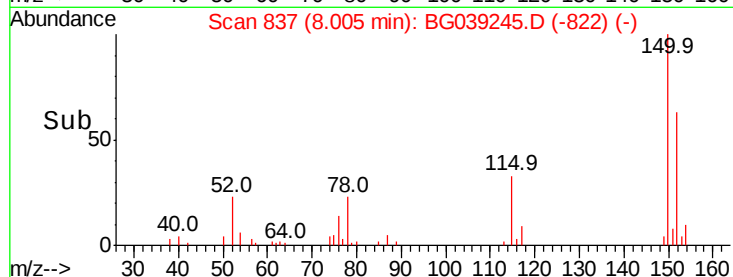
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BG039245.D
 Acq: 21 Jan 2019 22:37

Instrument :
 BNA_G
 ClientSampleId :
 PB116524BL

Tot Ion:152 Resp: 15052
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.7 187.1
 115 52.8 46.5 69.7



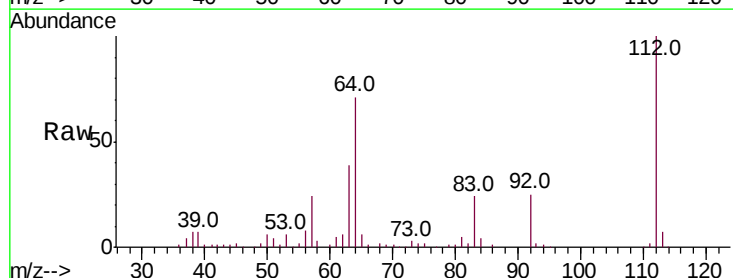
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



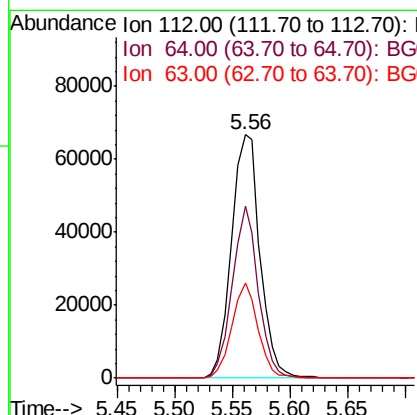
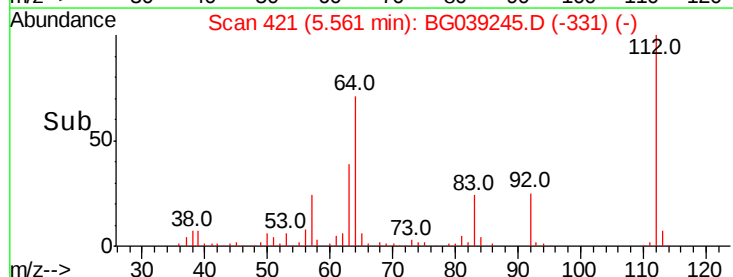
#5

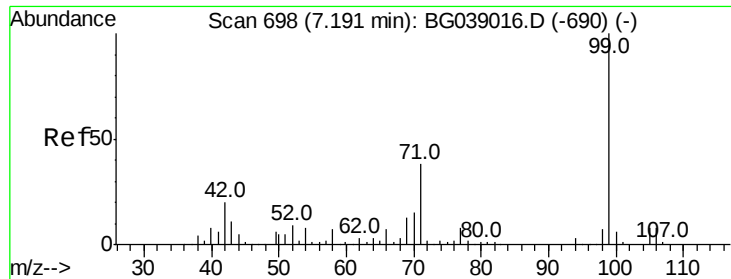
2-Fluorophenol
 Concen: 143.988 ng
 RT: 5.56 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BG039245.D
 Acq: 21 Jan 2019 22:37

Tgt Ion:112 Resp: 114250
 Ion Ratio Lower Upper
 112 100
 64 70.8 47.0 70.6#
 63 39.1 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: 145.359 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039245.D

Acq: 21 Jan 2019 22:37

Instrument :

BNA_G

ClientSampleId :

PB116524BL

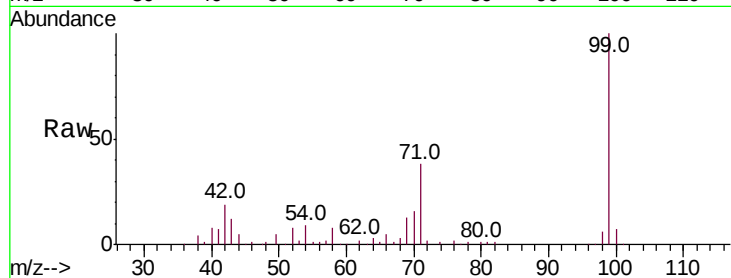
Tot Ion: 99 Resp: 165987

Ion Ratio Lower Upper

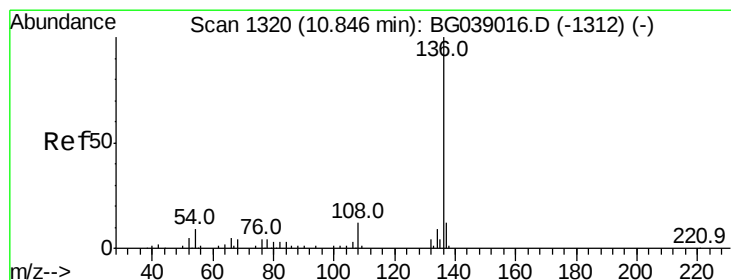
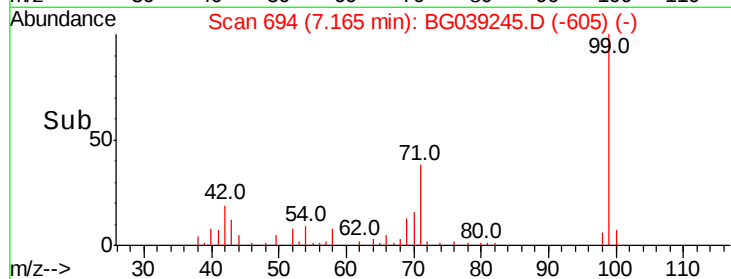
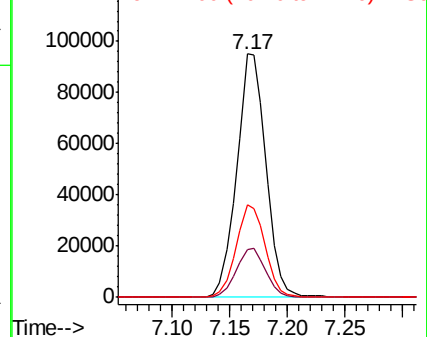
99 100

42 19.5 15.8 23.6

71 38.3 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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG039245.D

Acq: 21 Jan 2019 22:37

Tgt Ion: 136 Resp: 63256

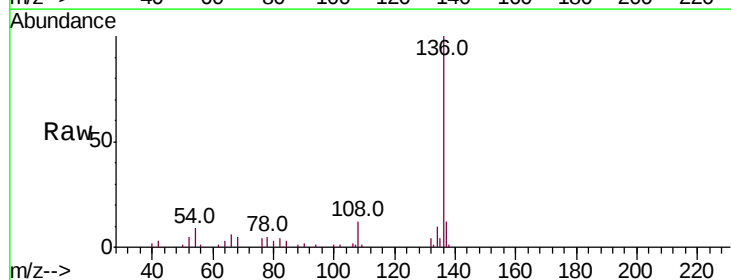
Ion Ratio Lower Upper

136 100

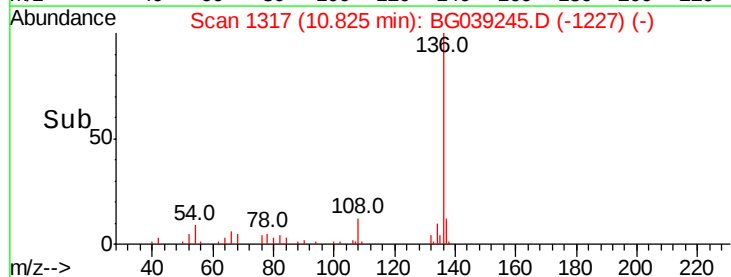
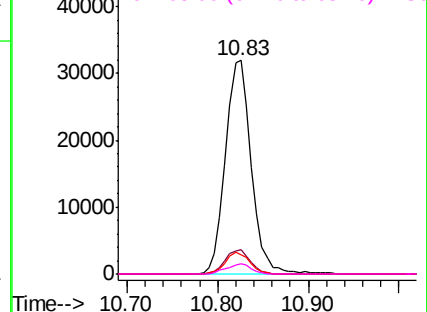
137 11.5 9.4 14.2

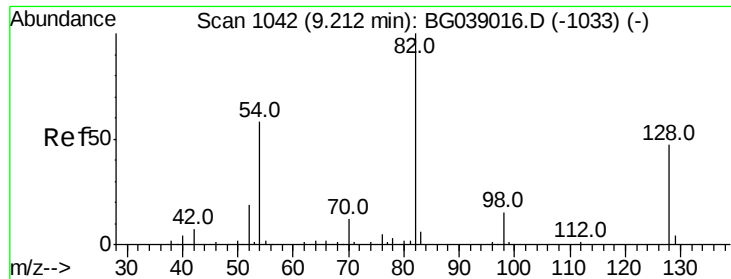
54 8.7 7.2 10.8

68 4.5 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

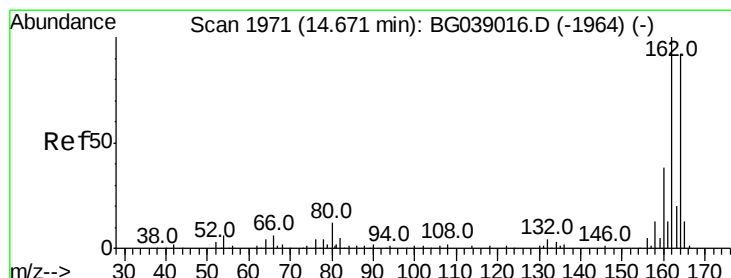
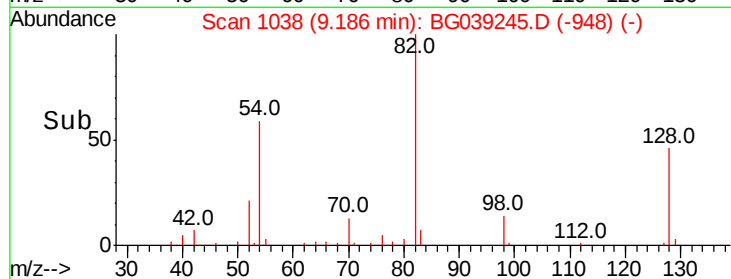
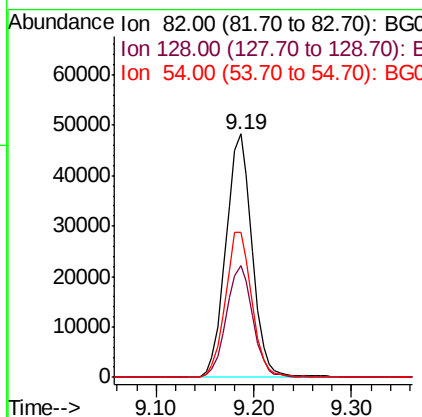
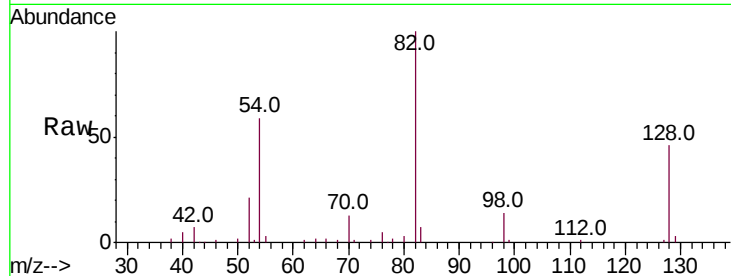




#23
 Nitrobenzene-d5
 Concen: 77.893 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG039245.D
 Acq: 21 Jan 2019 22:37

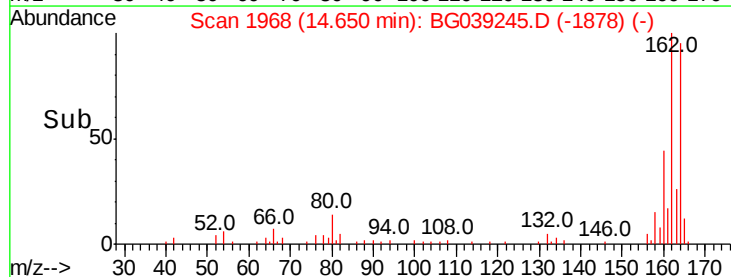
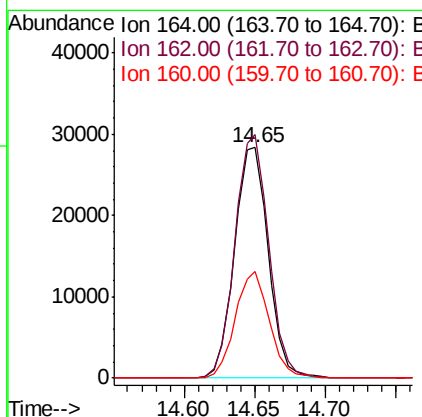
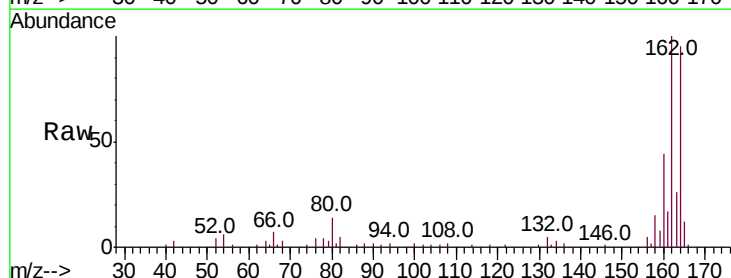
Instrument :
 BNA_G
 ClientSampleId :
 PB116524BL

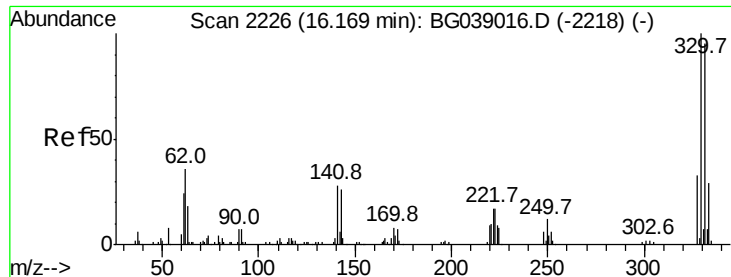
Tot Ion	82	Resp	90045
Ion Ratio	100	Lower	Upper
128	45.9	37.3	55.9
54	59.5	46.4	69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG039245.D
 Acq: 21 Jan 2019 22:37

Tgt Ion	164	Resp	47474
Ion Ratio	100	Lower	Upper
162	105.6	87.2	130.8
160	46.0	33.3	49.9





#42

2,4,6-Tribromophenol

Concen: 93.838 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039245.D

Acq: 21 Jan 2019 22:37

Instrument :

BNA_G

ClientSampleId :

PB116524BL

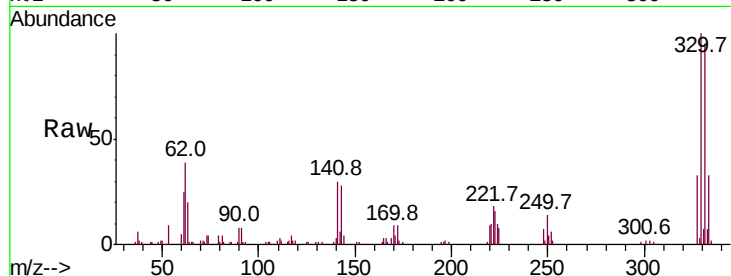
Tot Ion:330 Resp: 74676

Ion Ratio Lower Upper

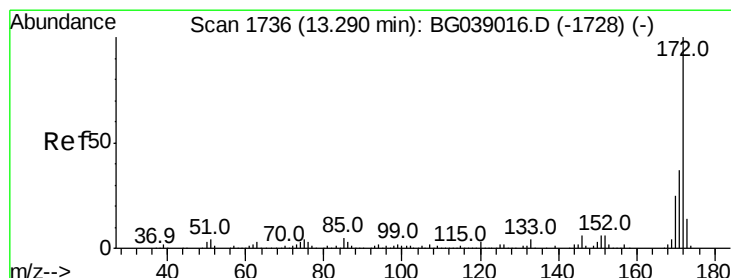
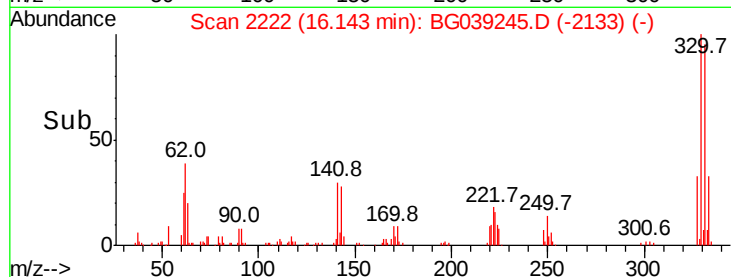
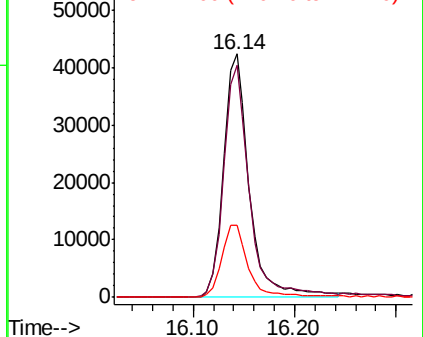
330 100

332 95.2 75.7 113.5

141 31.0 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: 82.589 ng

RT: 13.26 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG039245.D

Acq: 21 Jan 2019 22:37

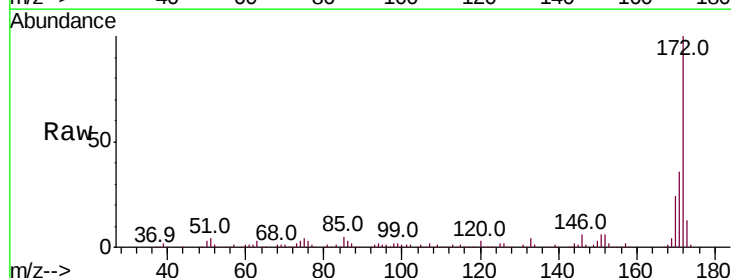
Tgt Ion:172 Resp: 286491

Ion Ratio Lower Upper

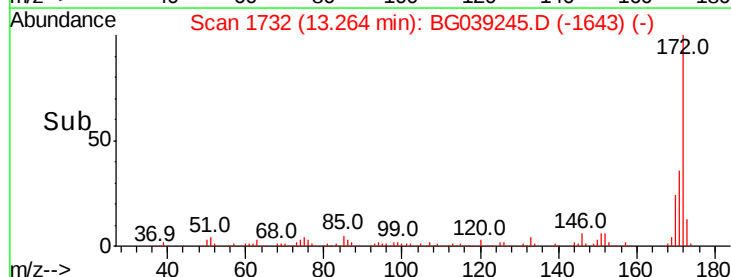
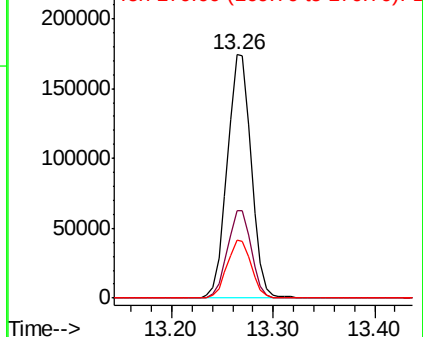
172 100

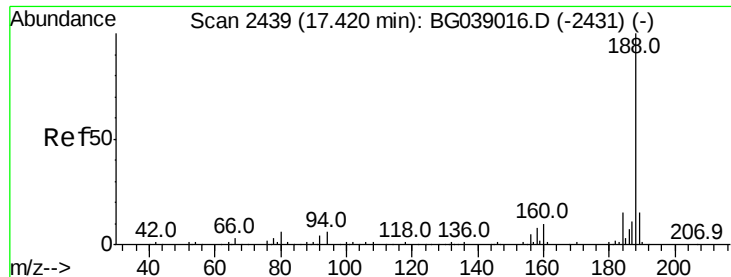
171 36.0 29.4 44.0

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

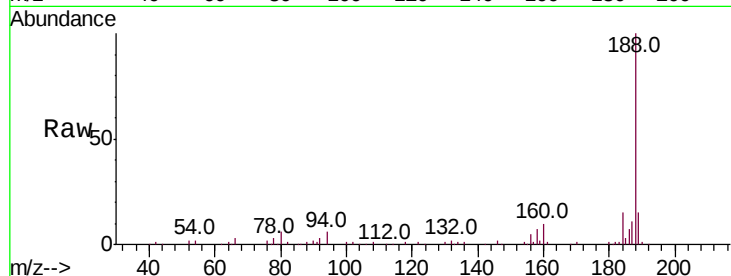




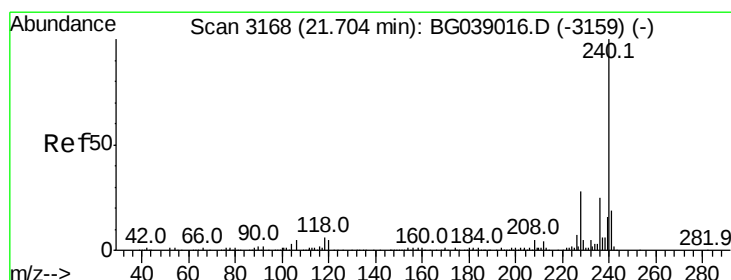
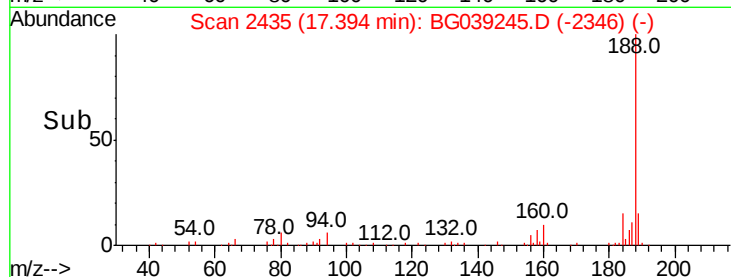
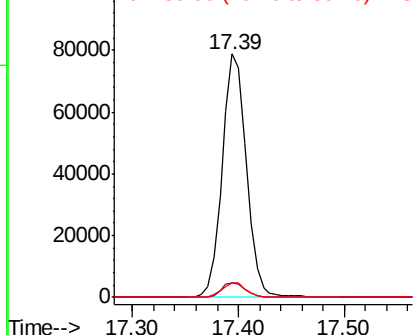
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039245.D
Acq: 21 Jan 2019 22:37

Instrument :
BNA_G
ClientSampleId :
PB116524BL

Tot Ion:188 Resp: 125063
Ion Ratio Lower Upper
188 100
94 6.1 5.0 7.4
80 6.1 4.7 7.1

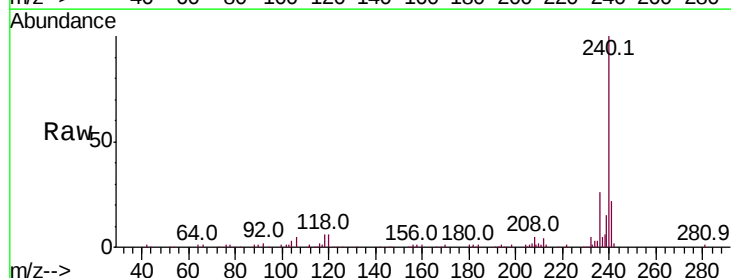


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

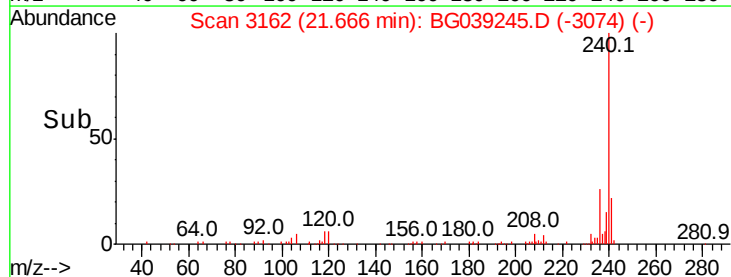
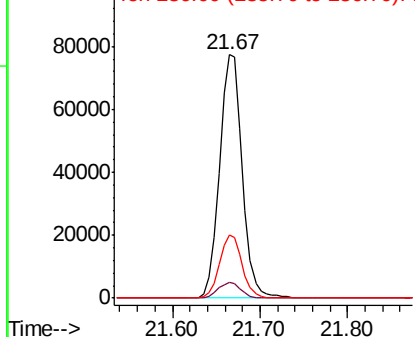


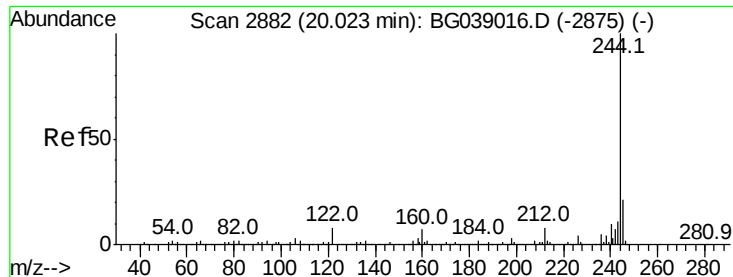
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.02 min
Lab File: BG039245.D
Acq: 21 Jan 2019 22:37

Tgt Ion:240 Resp: 138450
Ion Ratio Lower Upper
240 100
120 6.4 4.3 6.5
236 26.1 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: 76.646 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039245.D

Acq: 21 Jan 2019 22:37

Instrument :

BNA_G

ClientSampled :

PB116524BL

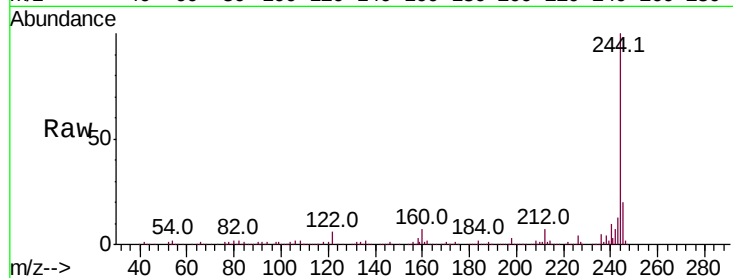
Tot Ion:244 Resp: 573636

Ion Ratio Lower Upper

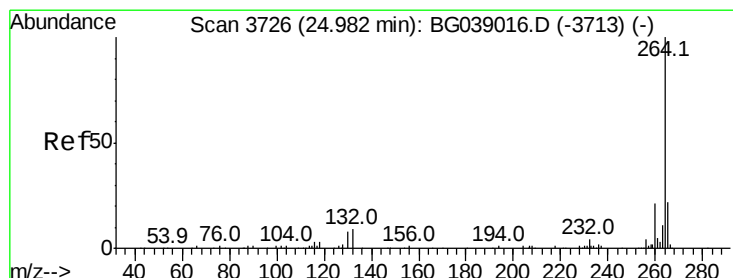
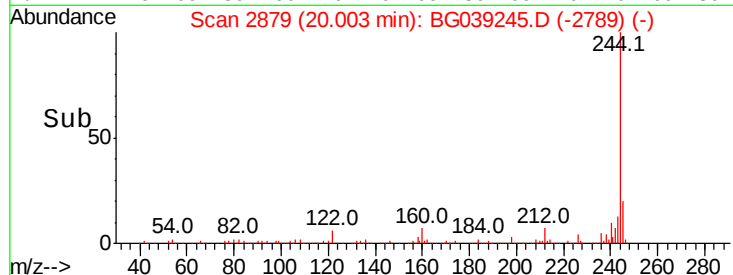
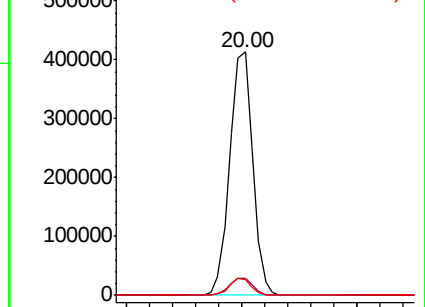
244 100

212 7.2 6.1 9.1

122 6.4 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: BG039245.D

Acq: 21 Jan 2019 22:37

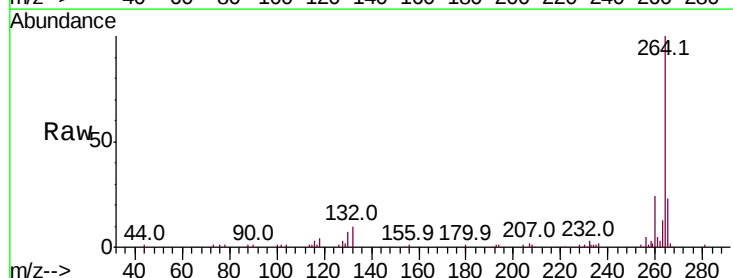
Tgt Ion:264 Resp: 142711

Ion Ratio Lower Upper

264 100

260 24.0 17.0 25.6

265 23.2 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

