

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038945.D
 Acq On : 5 Jan 2019 1:02
 Operator : JU/SJ
 Sample : PB116172BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116172BL

Quant Time: Jan 05 03:06:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	20860	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	85720	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	60010	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	169299	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	175699	20.00	ng	-0.02
87) Perylene-d12	25.01	264	181920	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	184135	156.56	ng	0.00
7) Phenol-d6	7.21	99	253211	156.83	ng	0.00
23) Nitrobenzene-d5	9.22	82	151184	90.10	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	151971	183.75	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	416485	95.21	ng	-0.02
79) Terphenyl-d14	20.04	244	899821	111.46	ng	0.00

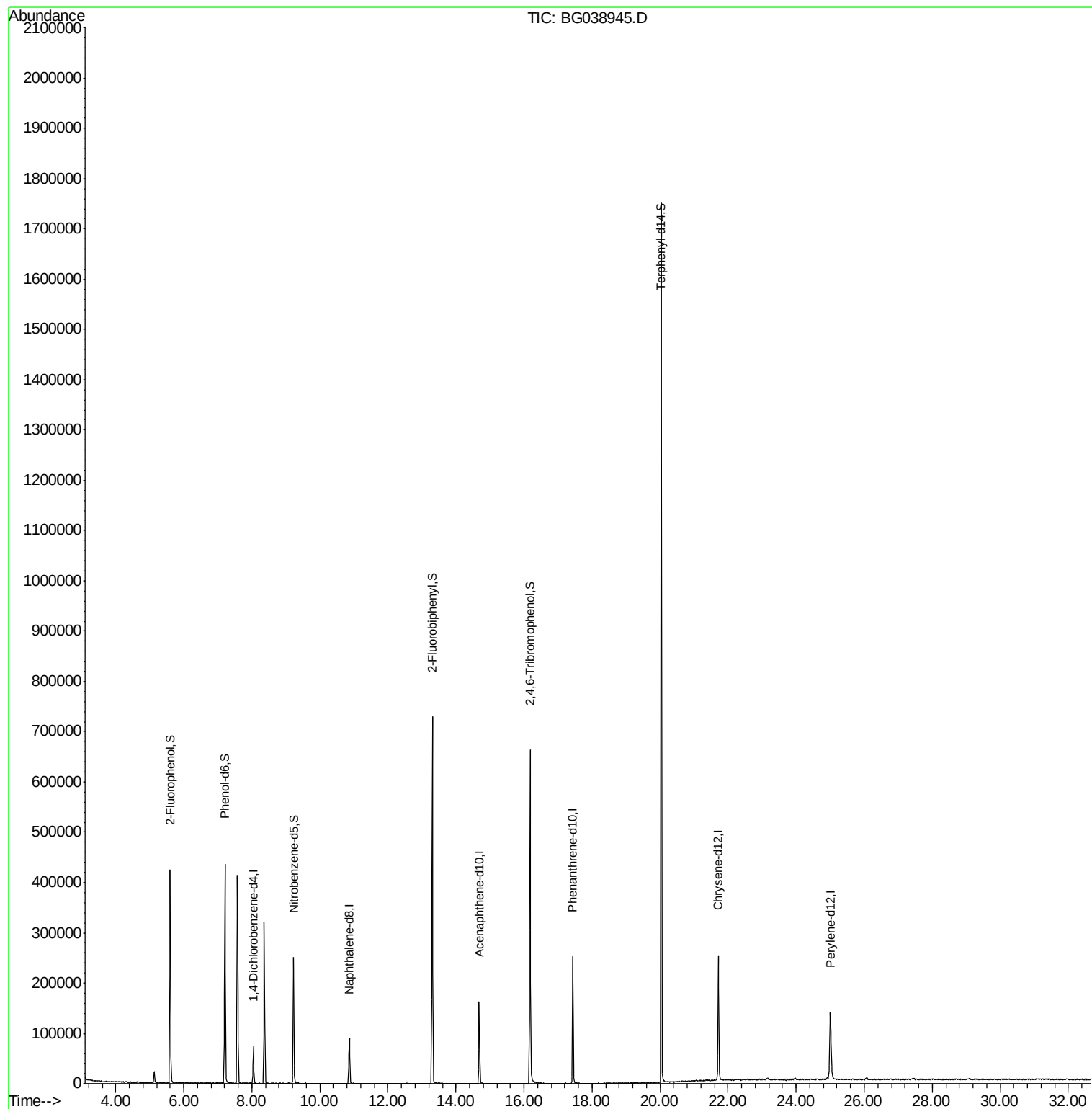
Target Compounds Qvalue

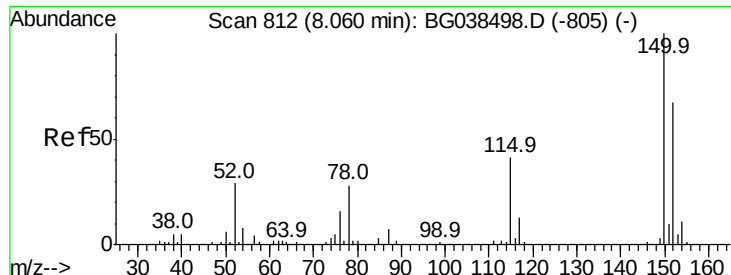
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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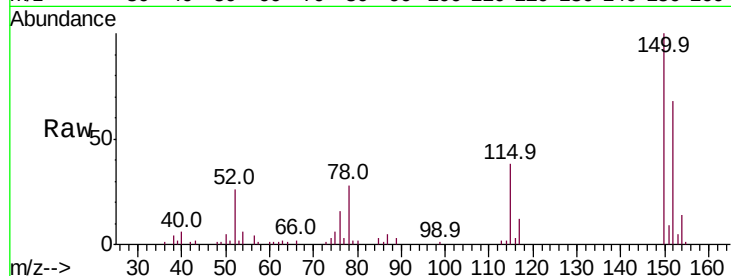


#1

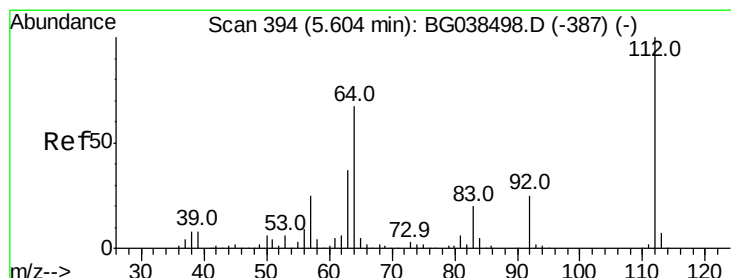
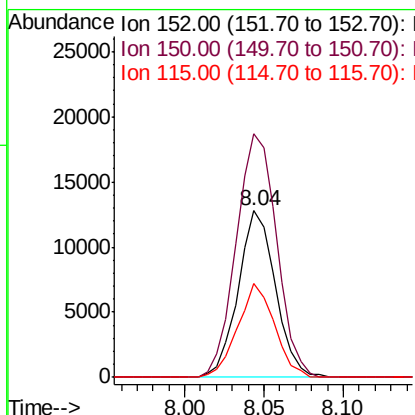
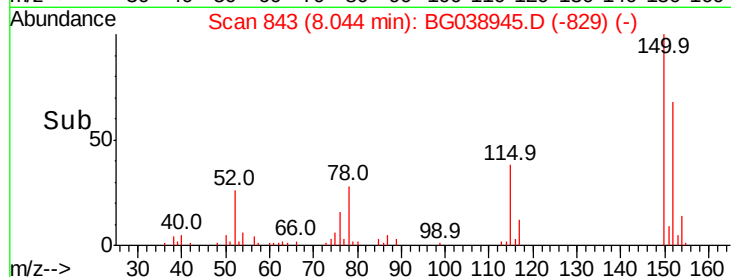
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038945.D
Acq: 5 Jan 2019 1:02

Instrument :
BNA_G
ClientSampleId :
PB116172BL

Tot Ion:152 Resp: 20860
Ion Ratio Lower Upper
152 100
150 146.1 119.5 179.3
115 56.1 49.6 74.4



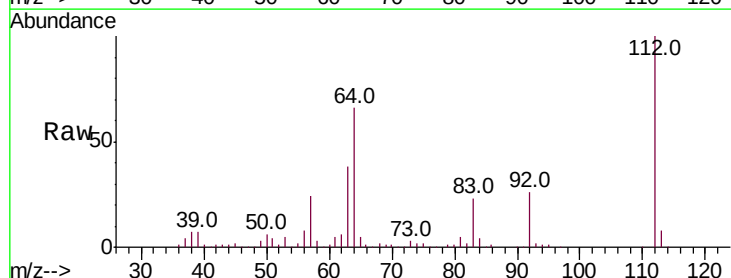
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



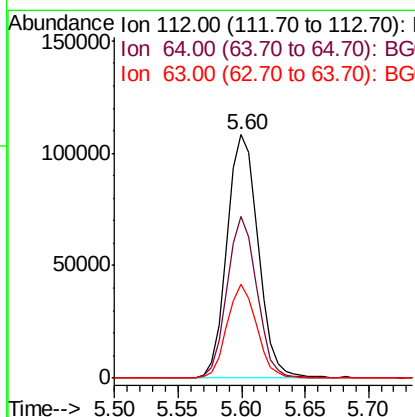
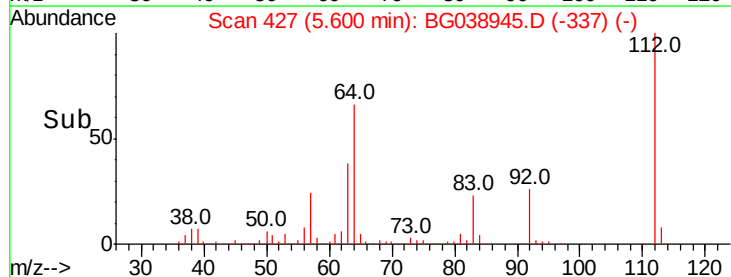
#5

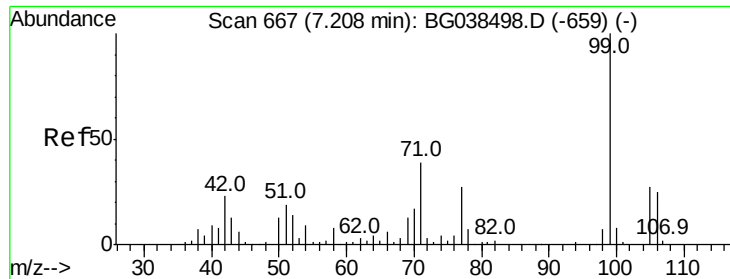
2-Fluorophenol
Concen: 156.563 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG038945.D
Acq: 5 Jan 2019 1:02

Tgt Ion:112 Resp: 184135
Ion Ratio Lower Upper
112 100
64 66.2 53.4 80.2
63 38.4 29.3 43.9



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: 156.829 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038945.D

Acq: 5 Jan 2019 1:02

Instrument :

BNA_G

ClientSampleId :

PB116172BL

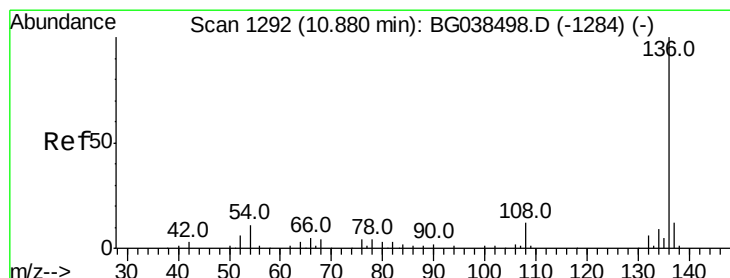
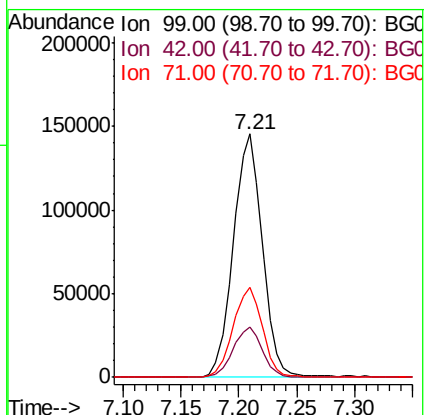
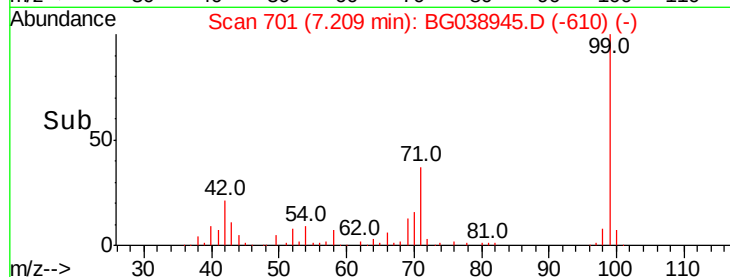
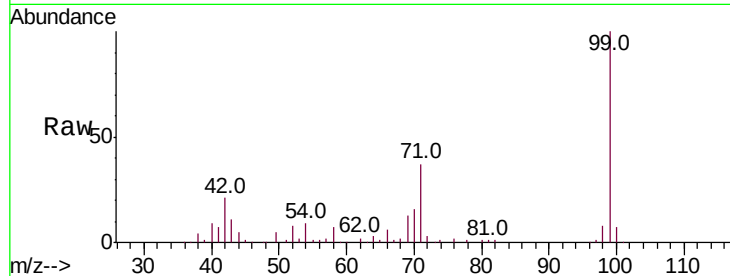
Tot Ion: 99 Resp: 253211

Ion Ratio Lower Upper

99 100

42 20.7 18.5 27.7

71 37.0 31.1 46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG038945.D

Acq: 5 Jan 2019 1:02

Tgt Ion: 136 Resp: 85720

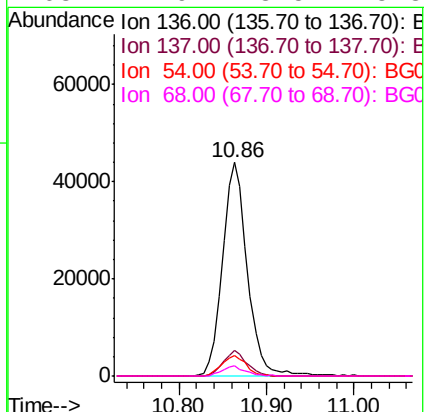
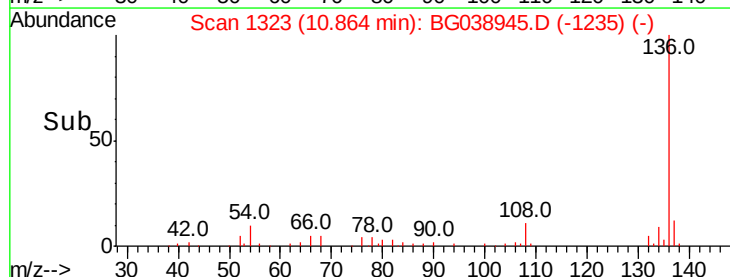
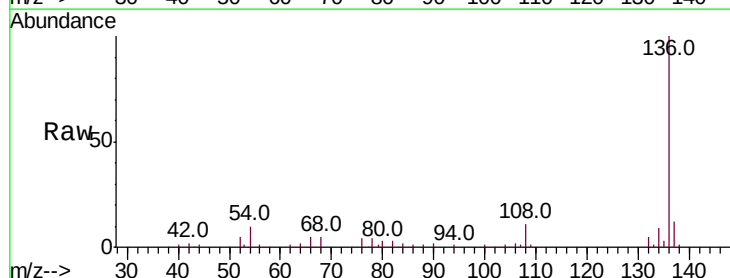
Ion Ratio Lower Upper

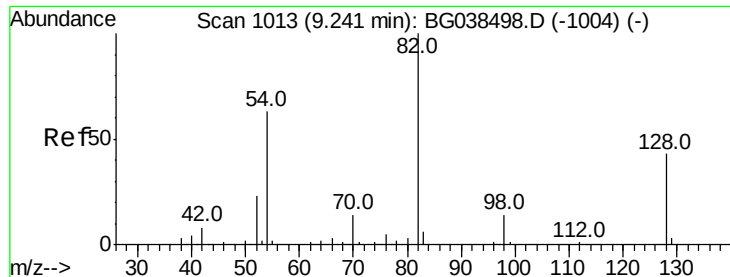
136 100

137 12.1 9.3 13.9

54 9.6 8.5 12.7

68 4.9 3.5 5.3





#23

Nitrobenzene-d5

Concen: 90.102 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BG038945.D

Acq: 5 Jan 2019 1:02

Instrument :

BNA_G

ClientSampleId :

PB116172BL

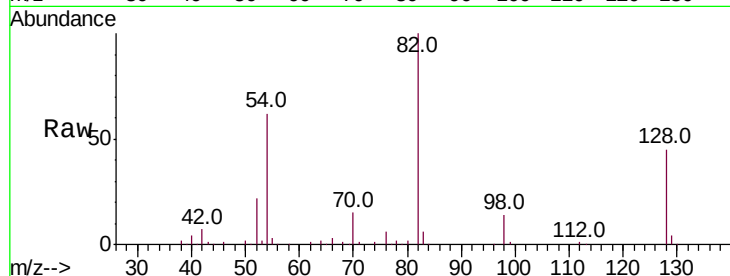
Tot Ion: 82 Resp: 151184

Ion Ratio Lower Upper

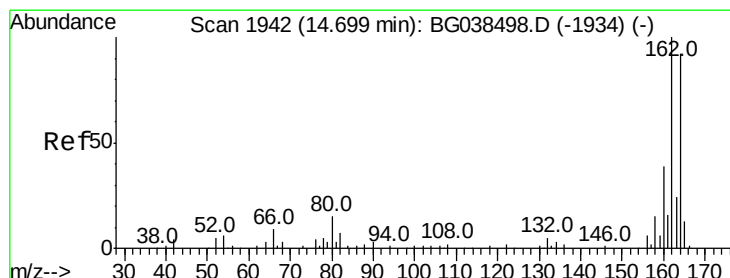
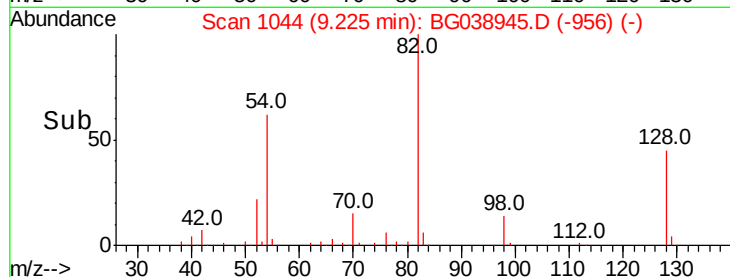
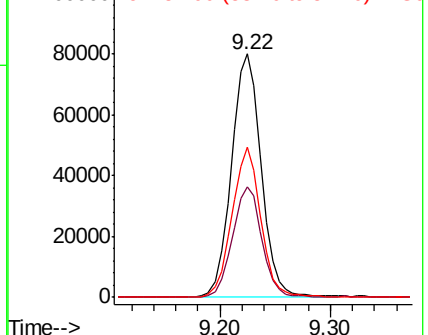
82 100

128 45.3 34.6 52.0

54 61.7 50.6 76.0



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: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG038945.D

Acq: 5 Jan 2019 1:02

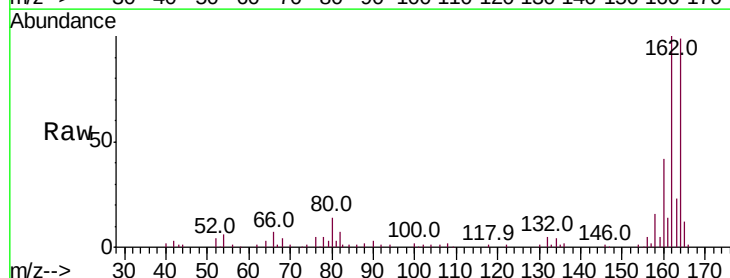
Tgt Ion:164 Resp: 60010

Ion Ratio Lower Upper

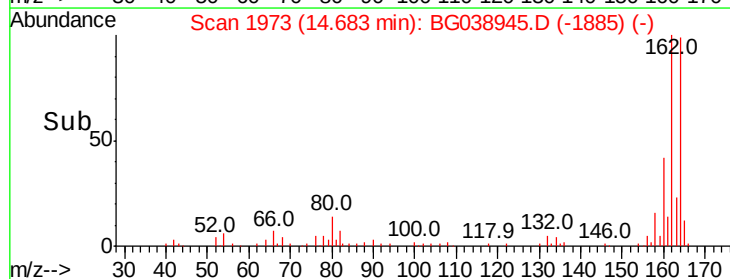
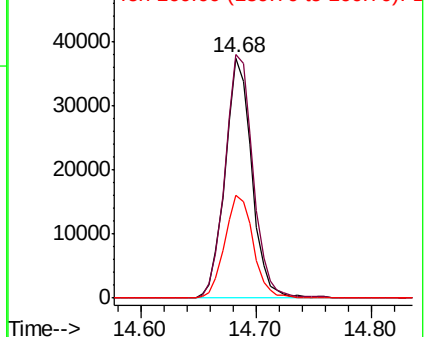
164 100

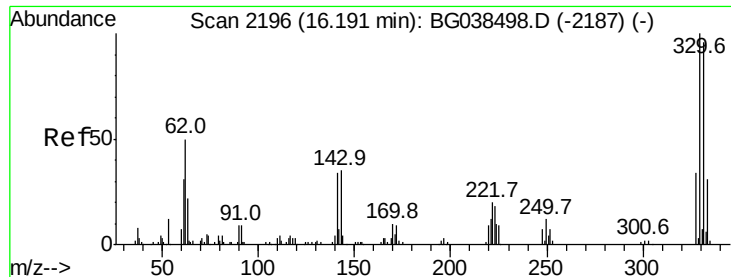
162 101.4 86.6 130.0

160 42.6 34.2 51.2



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

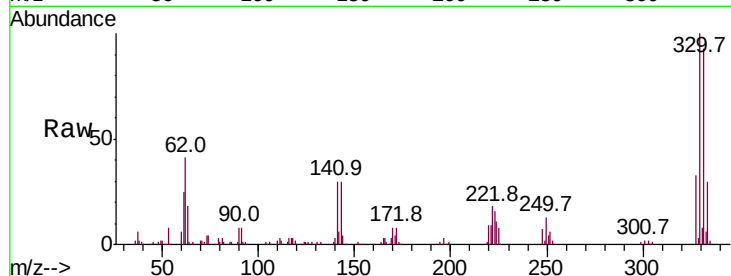




#42
 2,4,6-Tribromophenol
 Concen: 183.752 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038945.D
 Acq: 5 Jan 2019 1:02

Instrument :
 BNA_G
 ClientSampleId :
 PB116172BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	32.9	28.8	43.2

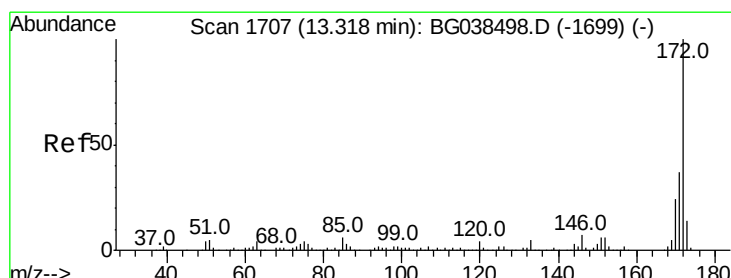
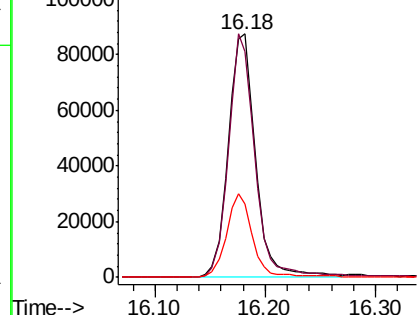
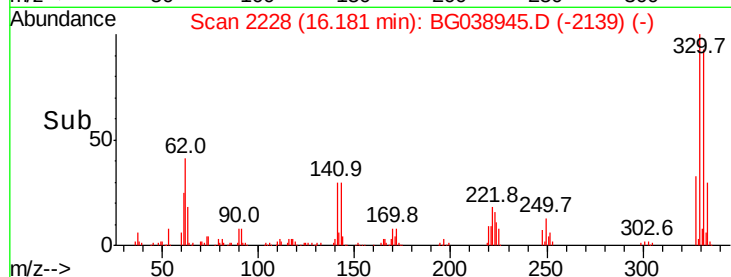


Abundance

Ion 329.80 (329.50 to 330.50): E

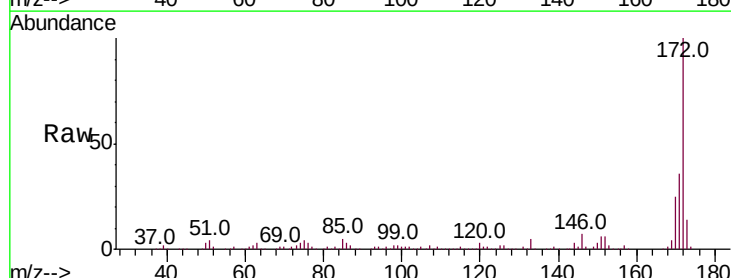
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.210 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG038945.D
 Acq: 5 Jan 2019 1:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	25.0	19.5	29.3

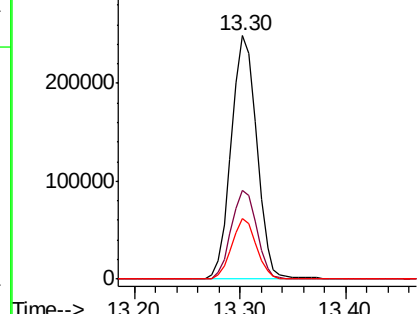
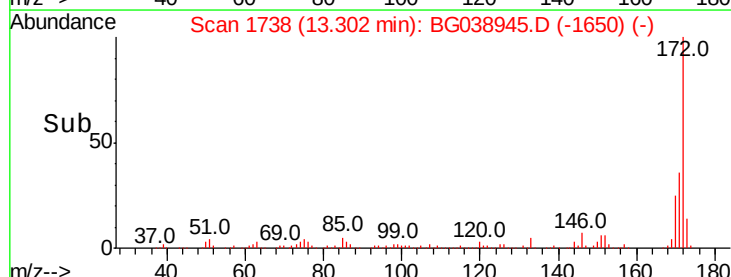


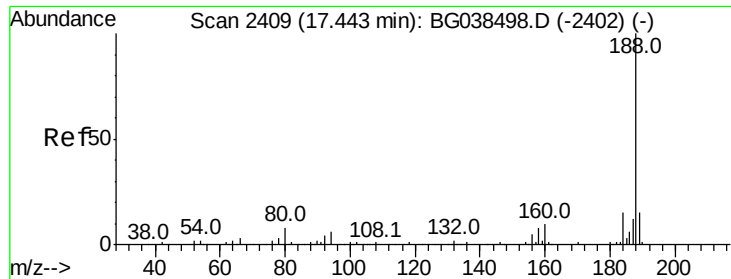
Abundance

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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG038945.D

Acq: 5 Jan 2019 1:02

Instrument :

BNA_G

ClientSampleId :

PB116172BL

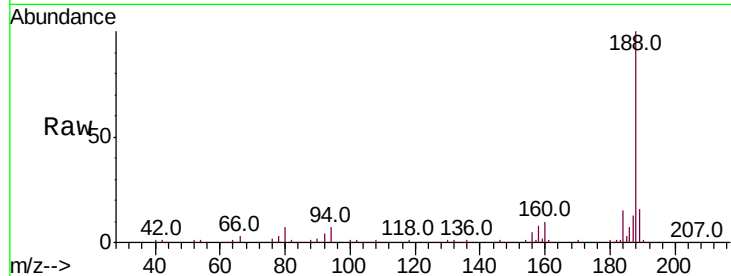
Tot Ion:188 Resp: 169299

Ion Ratio Lower Upper

188 100

94 6.7 5.1 7.7

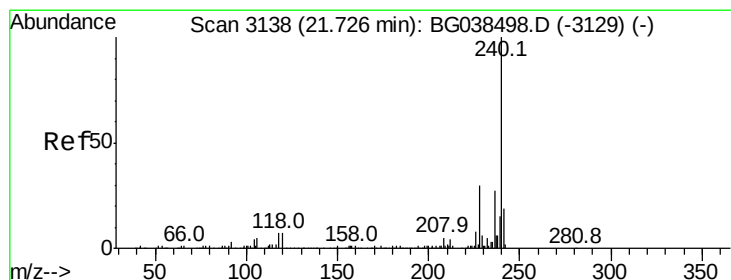
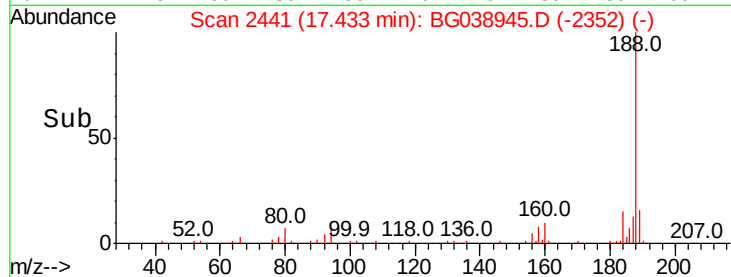
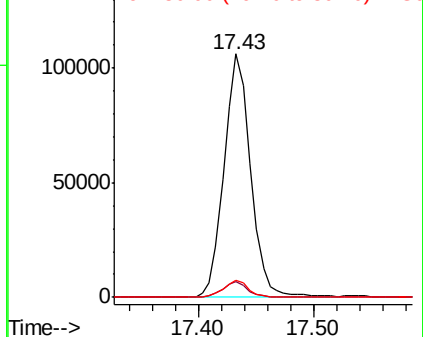
80 6.9 6.1 9.1



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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG038945.D

Acq: 5 Jan 2019 1:02

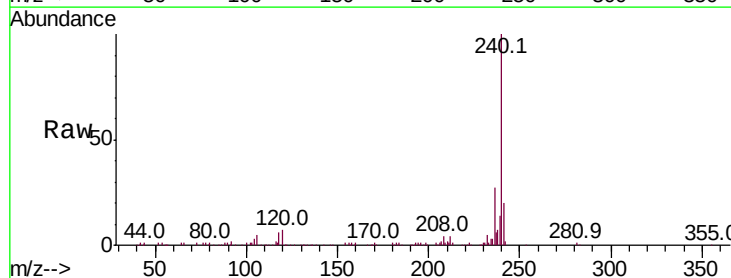
Tgt Ion:240 Resp: 175699

Ion Ratio Lower Upper

240 100

120 7.3 5.3 7.9

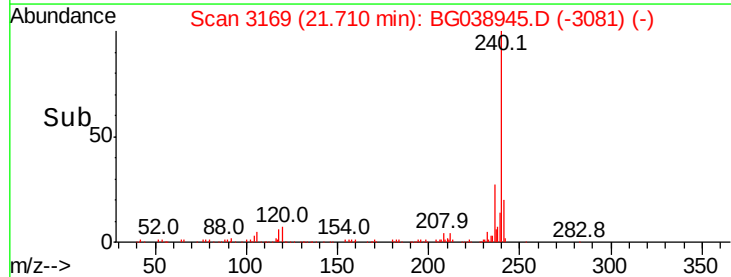
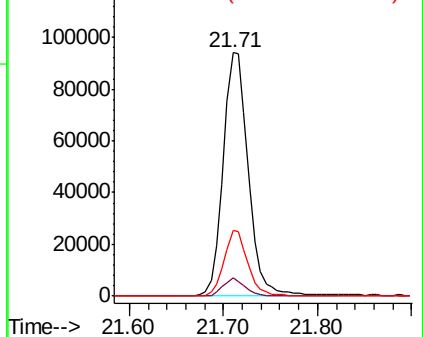
236 27.1 21.4 32.2

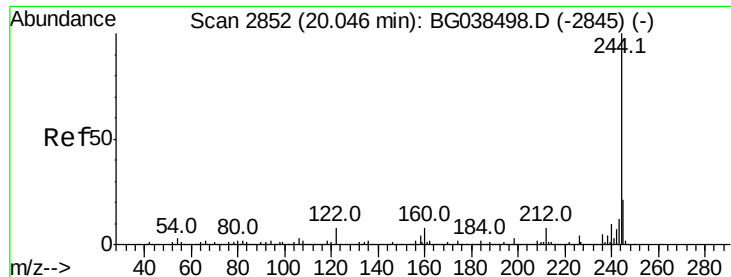


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 111.458 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038945.D

Acq: 5 Jan 2019 1:02

Instrument :

BNA_G

ClientSampleId :

PB116172BL

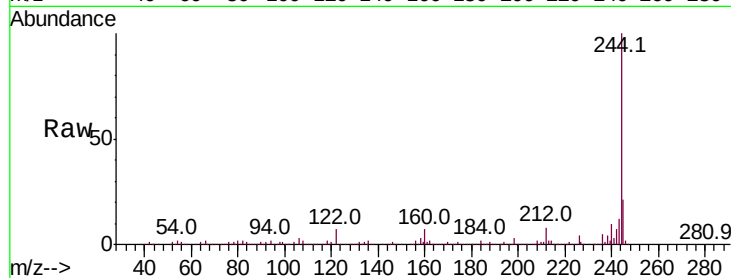
Tot Ion:244 Resp: 899821

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

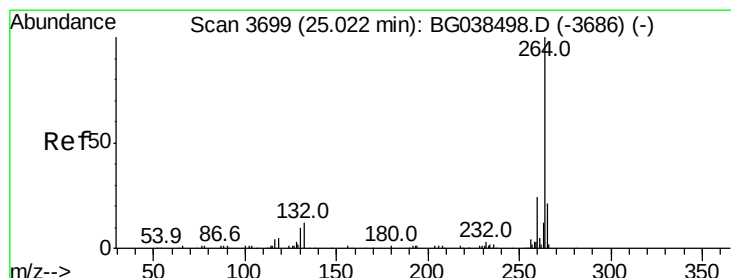
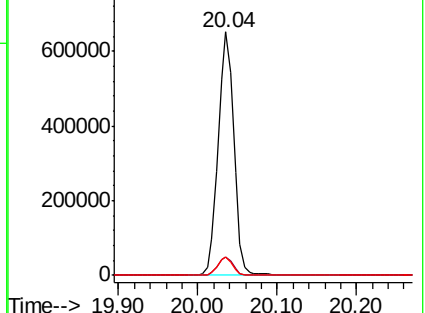
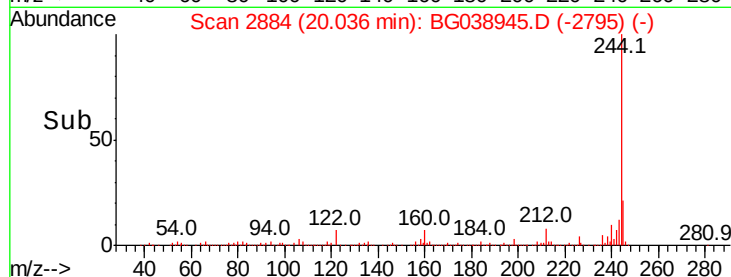
122 7.3 6.3 9.5



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: 25.01 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038945.D

Acq: 5 Jan 2019 1:02

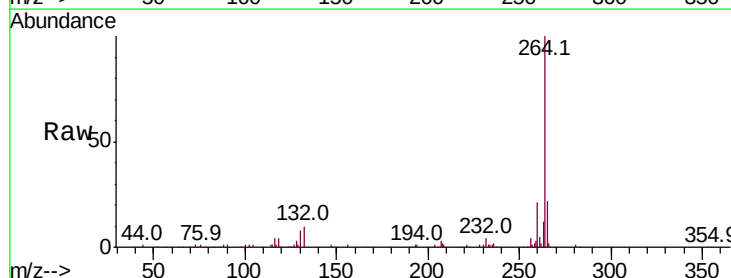
Tgt Ion:264 Resp: 181920

Ion Ratio Lower Upper

264 100

260 21.1 18.9 28.3

265 21.9 17.0 25.4



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

