

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
 Data File : BG045988.D
 Acq On : 9 Jul 2020 9:43
 Operator : CG/JU
 Sample : PB129997BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129997BL

Quant Time: Jul 09 11:21:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	146516	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	586608	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	353508	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	725391	20.00	ng	0.00
76) Chrysene-d12	21.62	240	680099	20.00	ng	-0.01
86) Perylene-d12	24.78	264	662557	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1112060	123.08	ng	0.00
7) Phenol-d6	7.16	99	1533648	117.90	ng	0.00
23) Nitrobenzene-d5	9.16	82	1033835	101.44	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	424377	129.35	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1978959	87.32	ng	0.00
79) Terphenyl-d14	19.99	244	2601616	85.13	ng	0.00

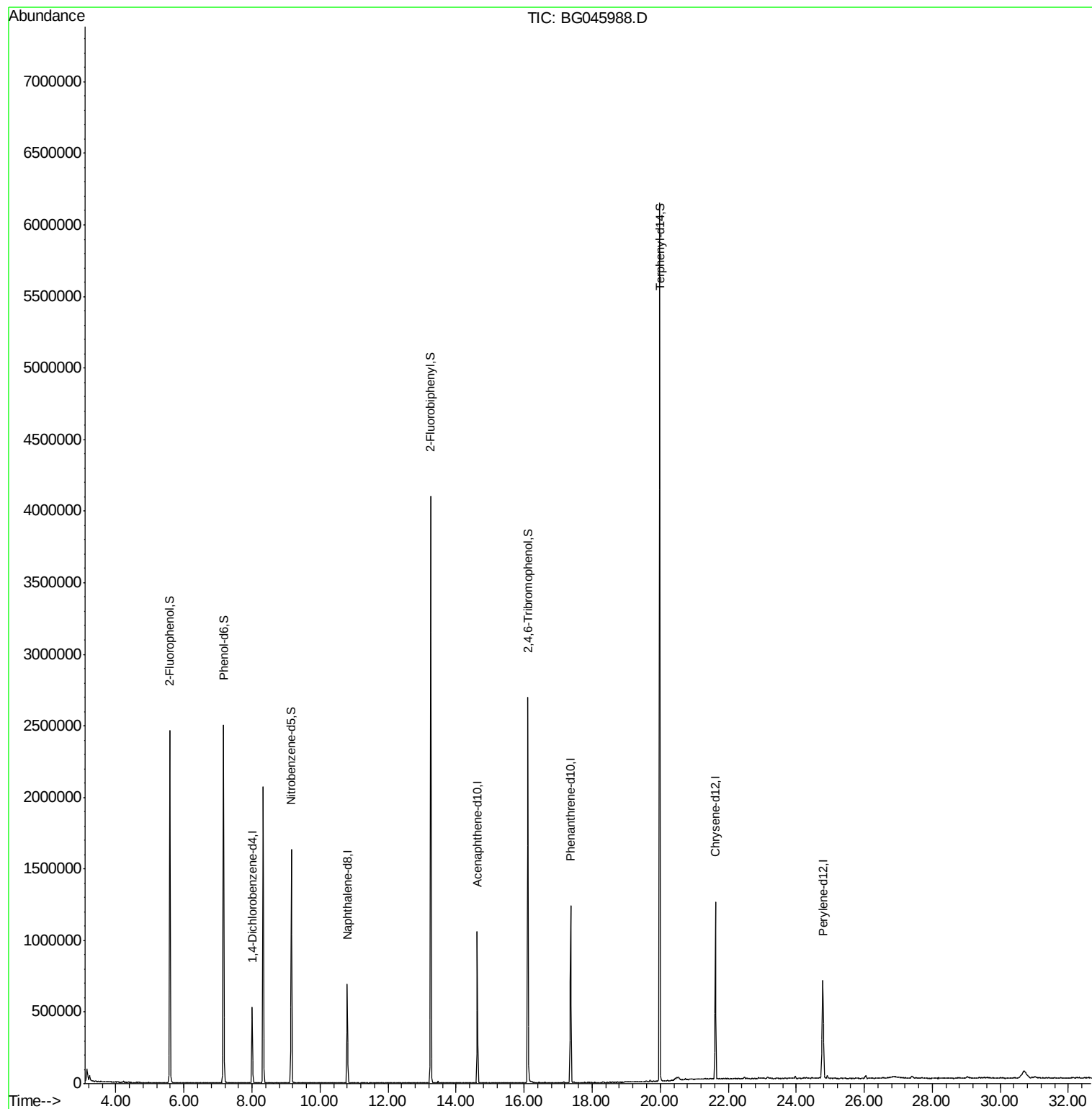
Target Compounds Qvalue

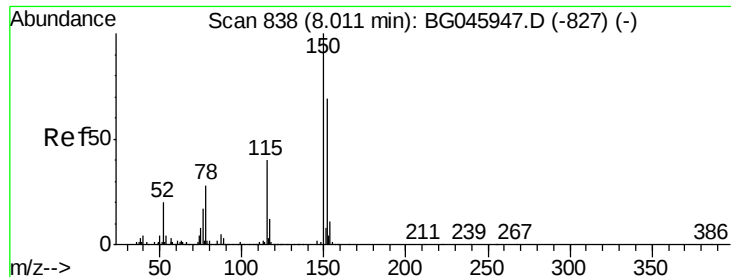
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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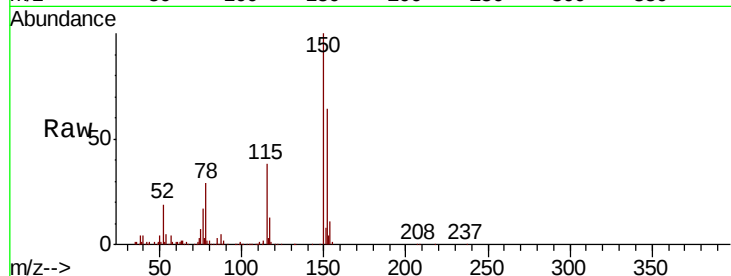


#1

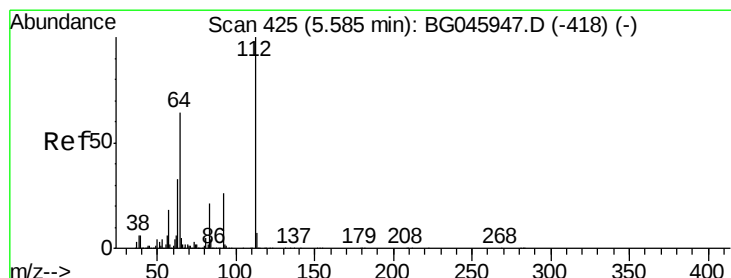
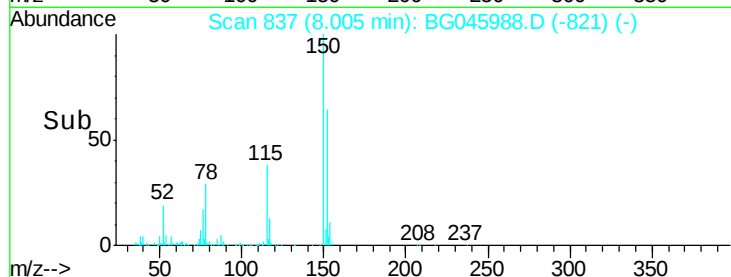
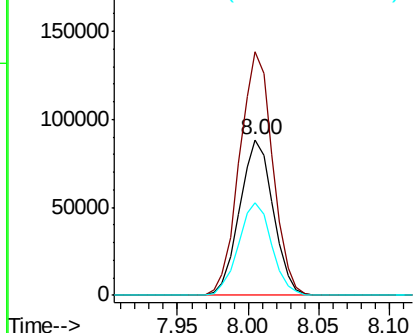
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG045988.D
Acq: 9 Jul 2020 9:43

Instrument :
BNA_G
ClientSampleId :
PB129997BL

Tot Ion:152 Resp: 146516
Ion Ratio Lower Upper
152 100
150 156.2 116.7 175.1
115 59.5 47.4 71.0



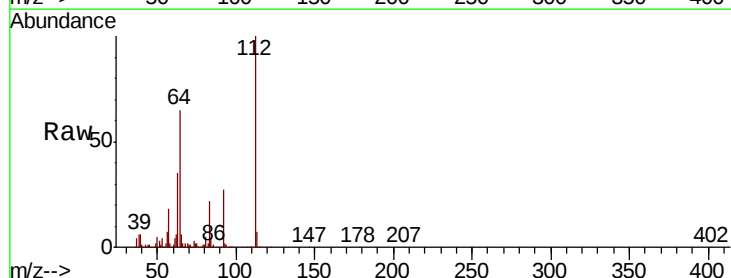
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



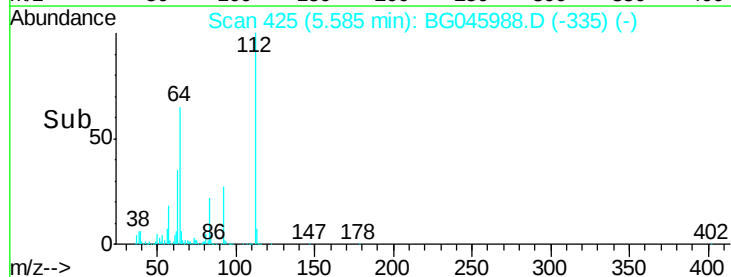
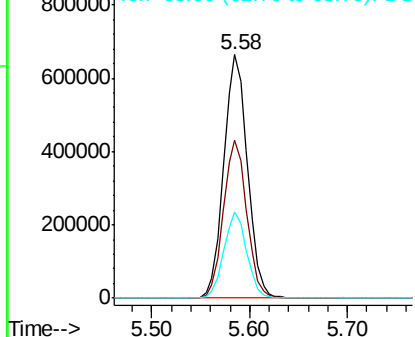
#5

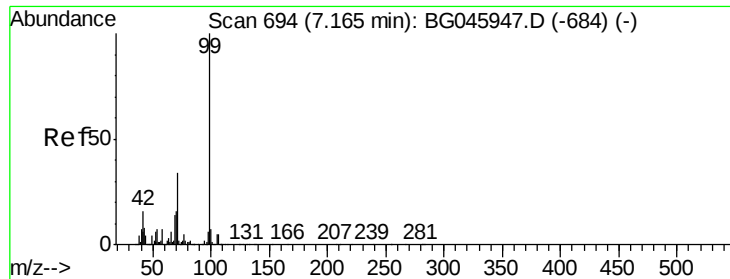
2-Fluorophenol
Concen: 123.085 ng
RT: 5.58 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG045988.D
Acq: 9 Jul 2020 9:43

Tgt Ion:112 Resp: 1112060
Ion Ratio Lower Upper
112 100
64 64.6 51.4 77.2
63 35.2 26.6 40.0



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: 117.903 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045988.D

Acq: 9 Jul 2020 9:43

Instrument :

BNA_G

ClientSampleId :

PB129997BL

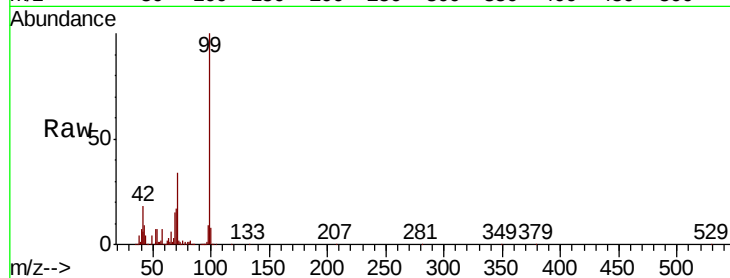
Tot Ion: 99 Resp: 1533648

Ion Ratio Lower Upper

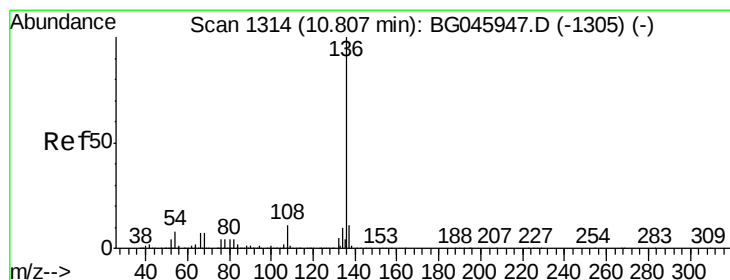
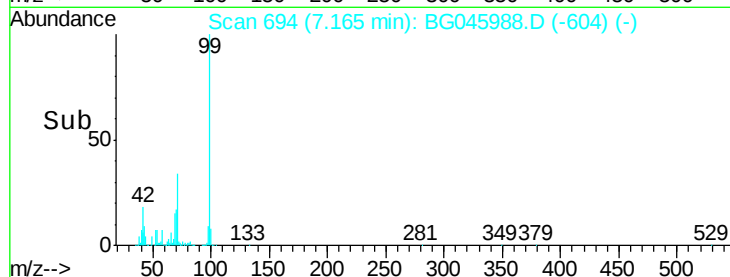
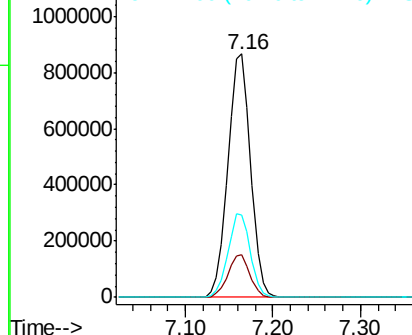
99 100

42 17.7 13.0 19.4

71 34.0 27.5 41.3



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: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG045988.D

Acq: 9 Jul 2020 9:43

Tgt Ion: 136 Resp: 586608

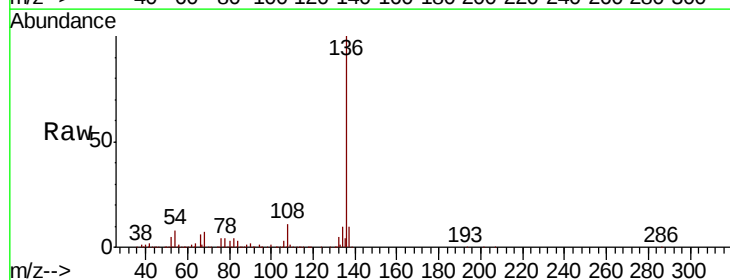
Ion Ratio Lower Upper

136 100

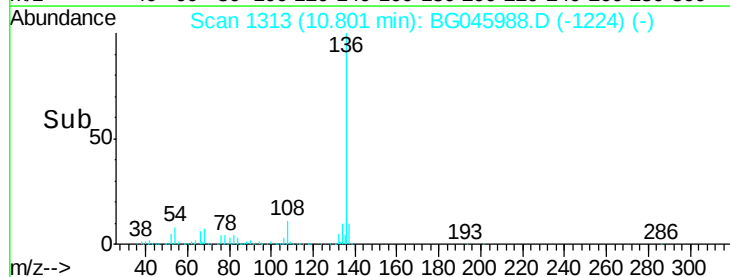
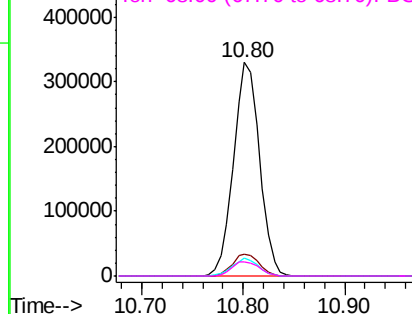
137 10.5 9.2 13.8

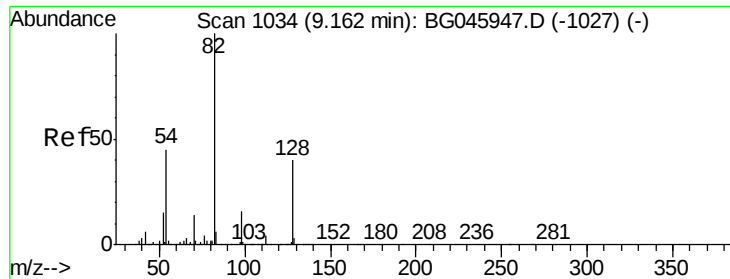
54 8.2 6.2 9.4

68 6.7 5.8 8.8



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

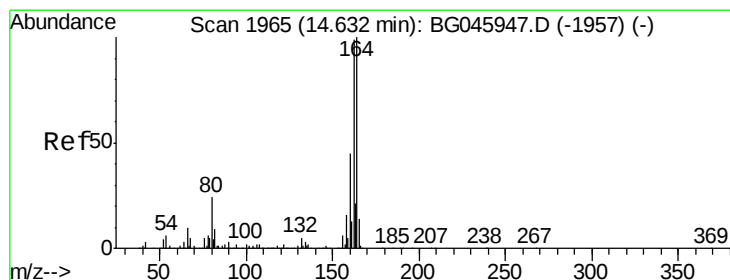
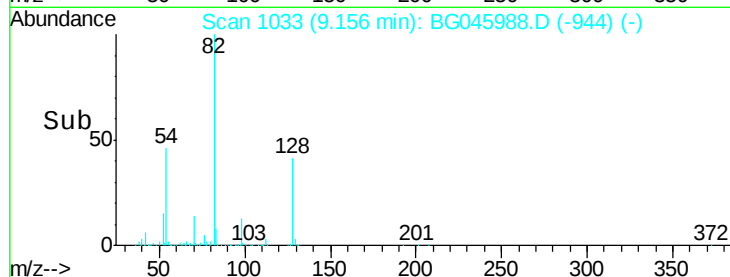
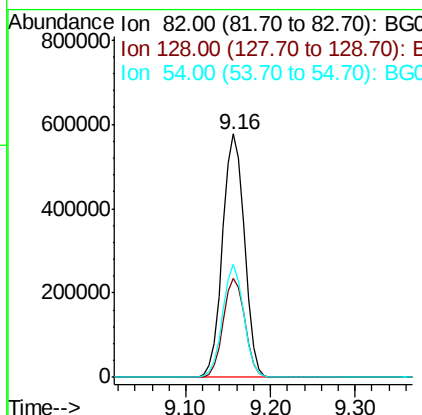
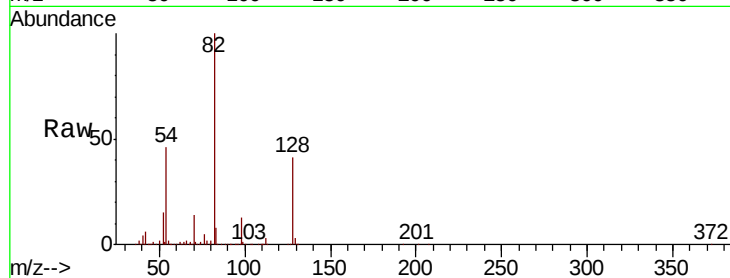




#23
Nitrobenzene-d5
Concen: 101.440 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG045988.D
Acq: 9 Jul 2020 9:43

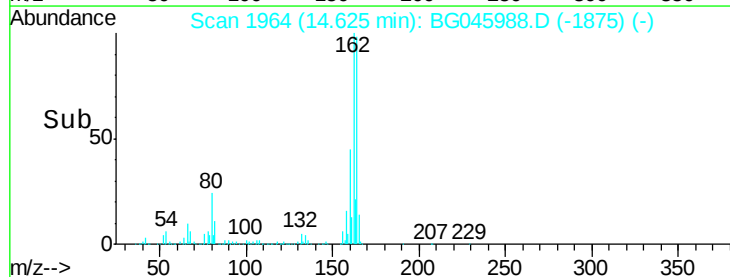
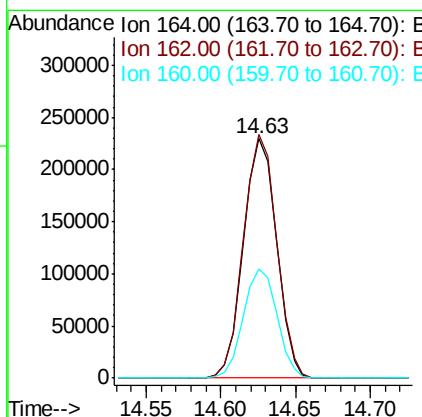
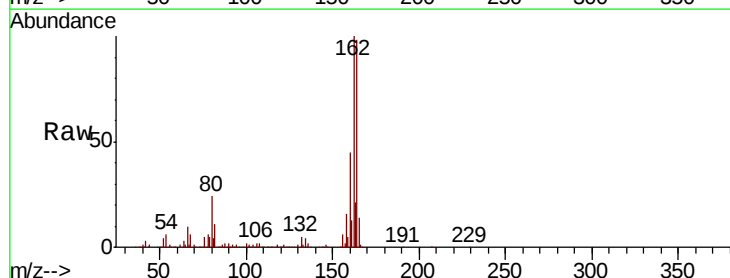
Instrument :
BNA_G
ClientSampleId :
PB129997BL

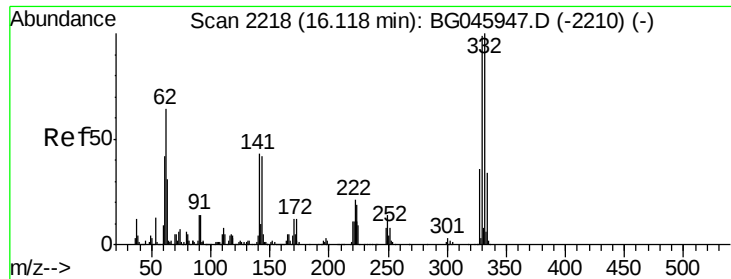
Tot Ion: 82 Resp: 1033835
Ion Ratio Lower Upper
82 100
128 40.9 32.2 48.4
54 46.4 35.8 53.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG045988.D
Acq: 9 Jul 2020 9:43

Tgt Ion: 164 Resp: 353508
Ion Ratio Lower Upper
164 100
162 101.6 79.3 118.9
160 45.7 35.7 53.5

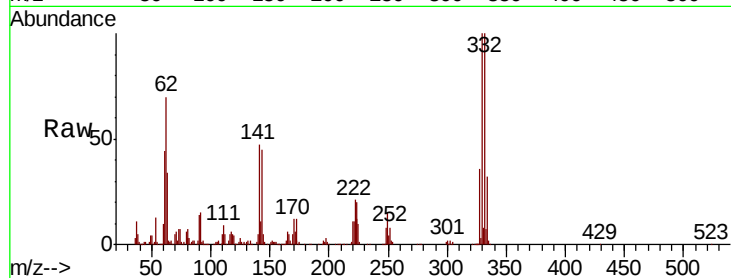




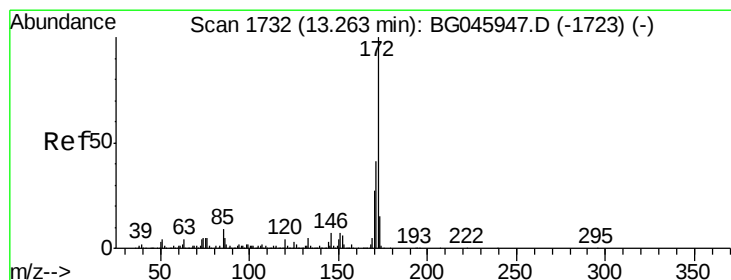
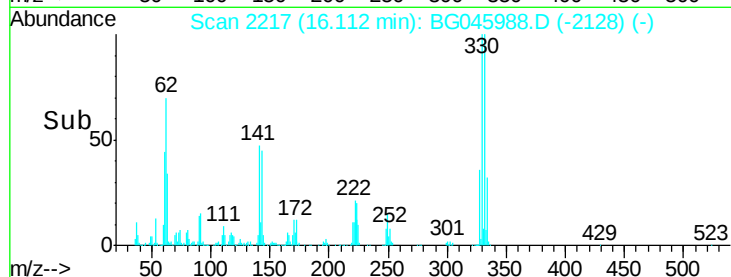
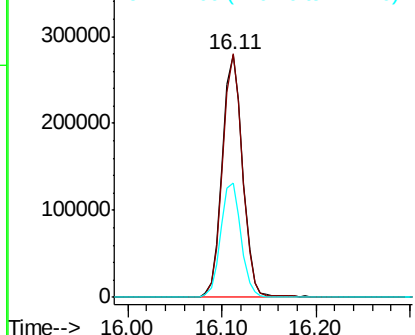
#42
 2,4,6-Tribromophenol
 Concen: 129.347 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BG045988.D
 Acq: 9 Jul 2020 9:43

Instrument :
 BNA_G
 ClientSampleID :
 PB129997BL

Tot Ion:330 Resp: 424377
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.3 117.5
 141 46.7 36.6 54.8

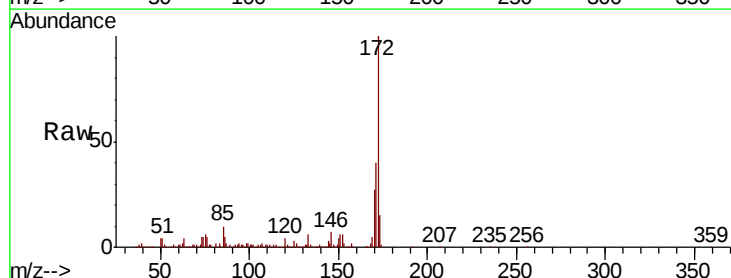


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

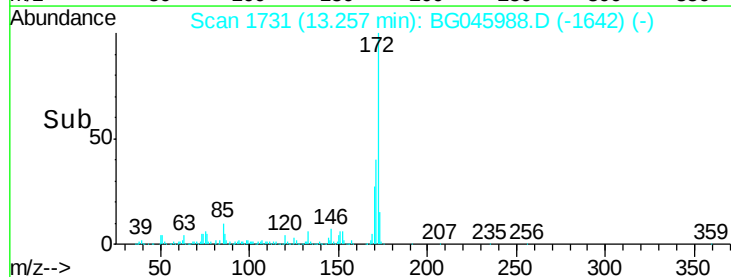
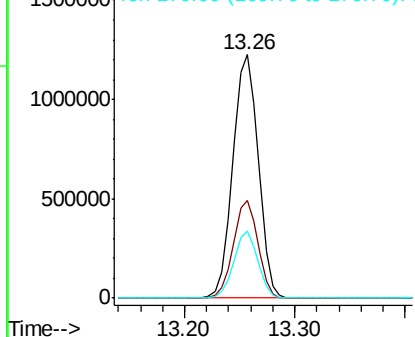


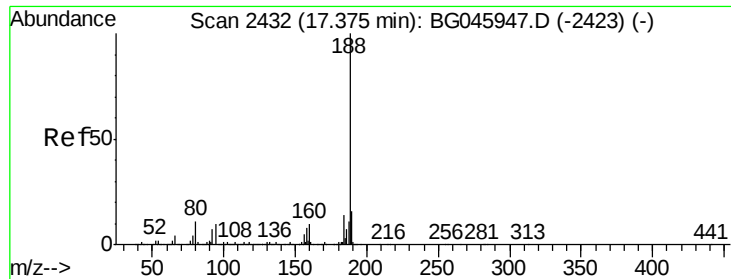
#45
 2-Fluorobiphenyl
 Concen: 87.320 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG045988.D
 Acq: 9 Jul 2020 9:43

Tgt Ion:172 Resp: 1978959
 Ion Ratio Lower Upper
 172 100
 171 40.3 32.9 49.3
 170 27.3 21.8 32.6



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: 17.37 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG045988.D

Acq: 9 Jul 2020 9:43

Instrument :

BNA_G

ClientSampleId :

PB129997BL

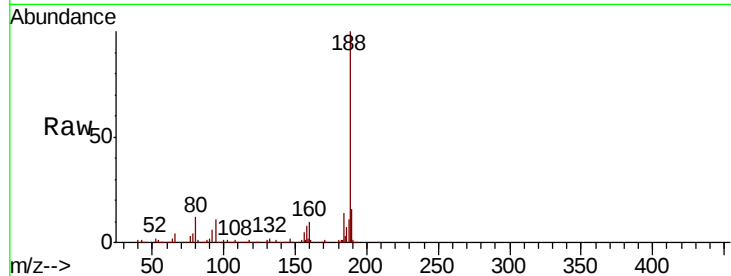
Tot Ion:188 Resp: 725391

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.4

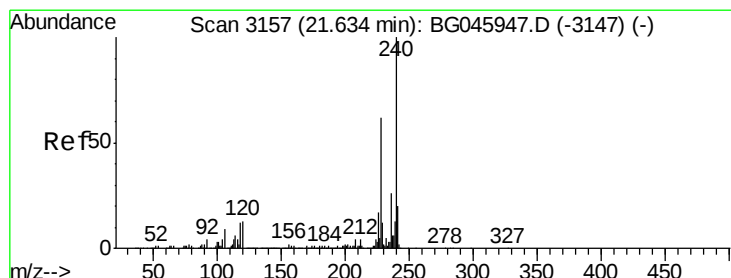
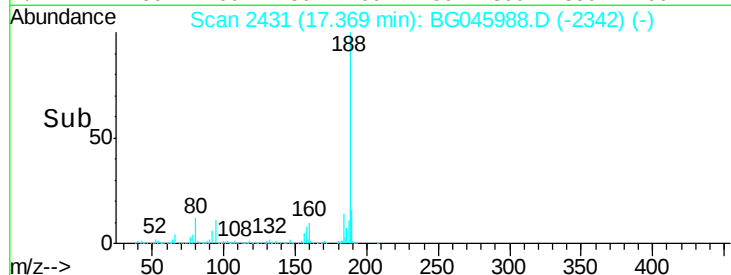
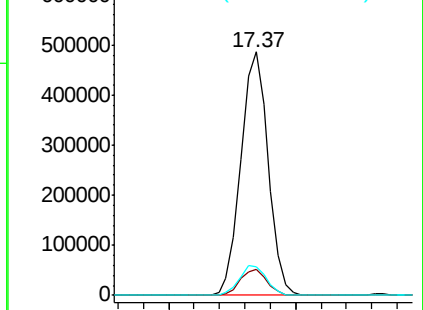
80 12.0 9.0 13.6



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: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG045988.D

Acq: 9 Jul 2020 9:43

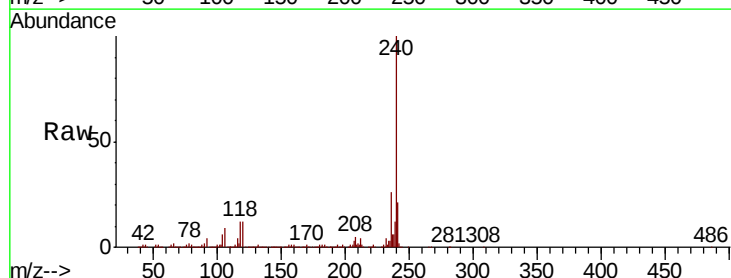
Tgt Ion:240 Resp: 680099

Ion Ratio Lower Upper

240 100

120 12.2 10.6 16.0

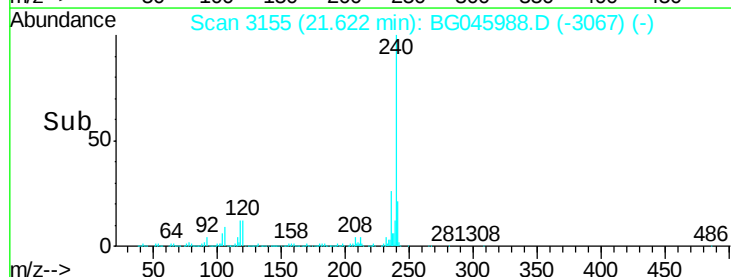
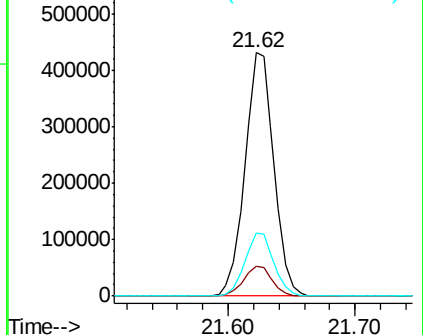
236 26.1 20.4 30.6

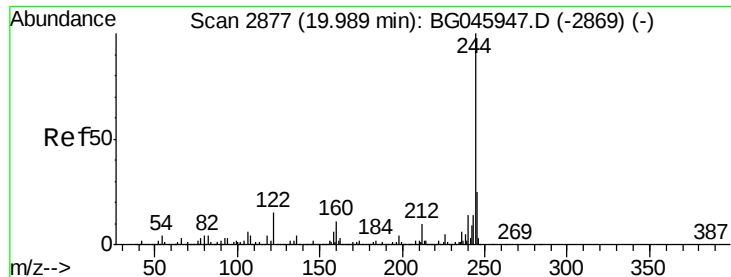


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.134 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045988.D

Acq: 9 Jul 2020 9:43

Instrument :

BNA_G

ClientSampleId :

PB129997BL

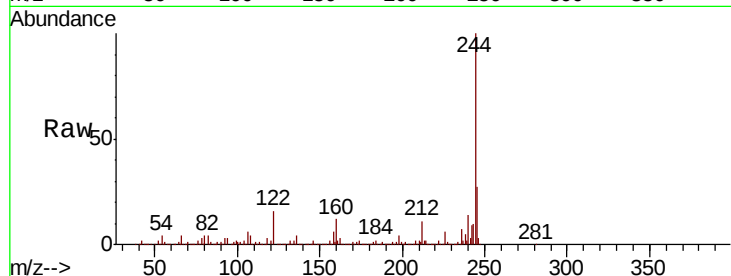
Tot Ion:244 Resp: 2601616

Ion Ratio Lower Upper

244 100

212 10.6 8.3 12.5

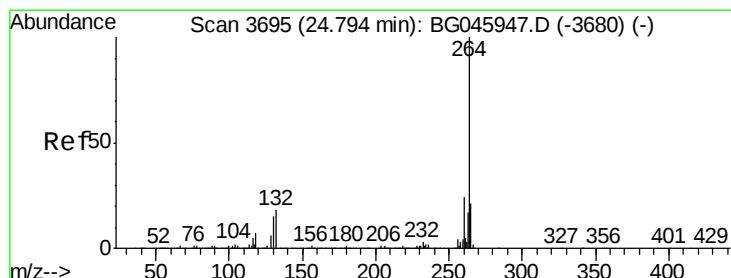
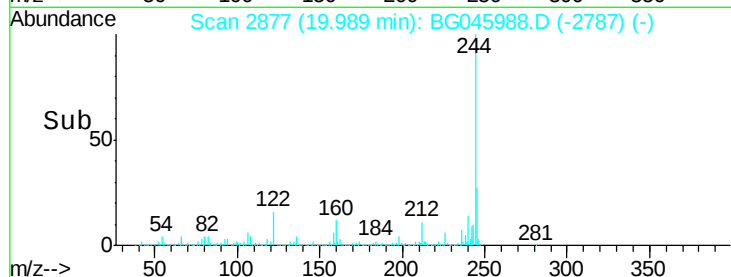
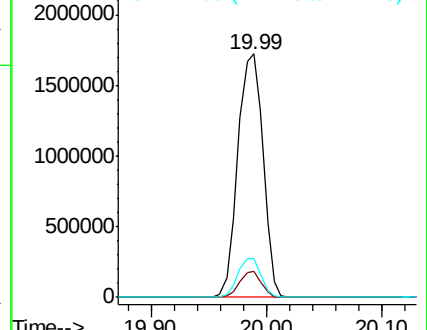
122 15.8 12.1 18.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3693

Delta R.T. -0.01 min

Lab File: BG045988.D

Acq: 9 Jul 2020 9:43

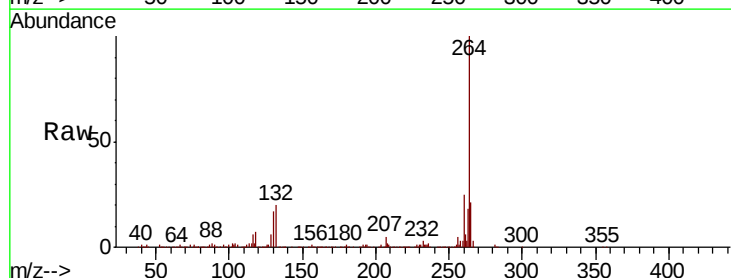
Tgt Ion:264 Resp: 662557

Ion Ratio Lower Upper

264 100

260 25.3 19.0 28.6

265 21.5 16.9 25.3



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

