

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044259.D
 Acq On : 31 Jan 2020 14:31
 Operator : CG/JU
 Sample : PB126492BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126492BL

Quant Time: Jan 31 23:56:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	77210	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	332924	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	241242	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	546126	20.00	ng	0.00
76) Chrysene-d12	21.55	240	482356	20.00	ng	0.00
87) Perylene-d12	24.64	264	493794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	803797	183.73	ng	0.00
7) Phenol-d6	7.09	99	1070843	182.28	ng	0.00
23) Nitrobenzene-d5	9.07	82	649660	110.17	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	467424	165.05	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1559437	108.25	ng	0.00
79) Terphenyl-d14	19.91	244	2388780	101.86	ng	0.00

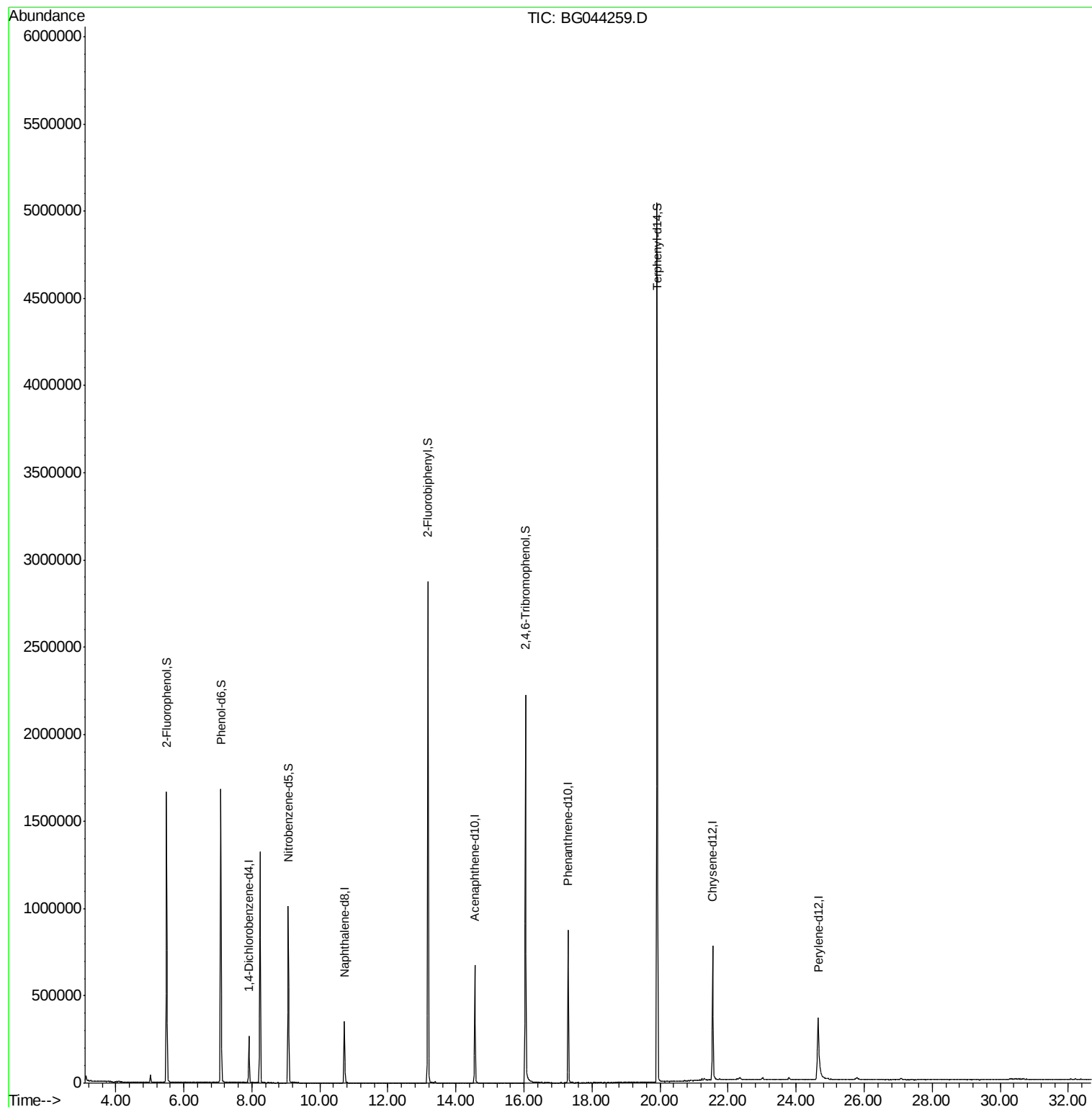
Target Compounds Qvalue

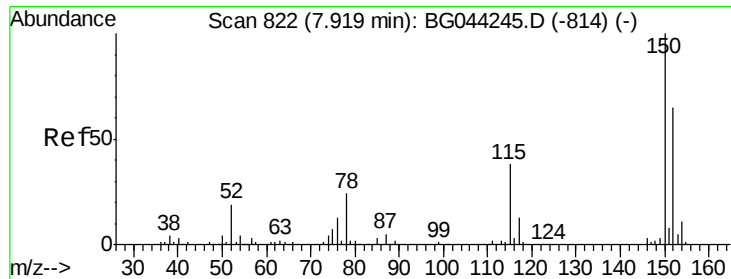
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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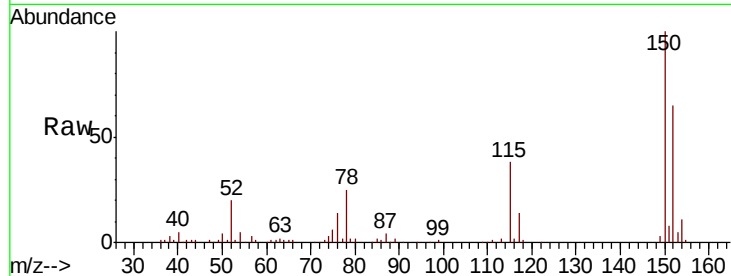


#1

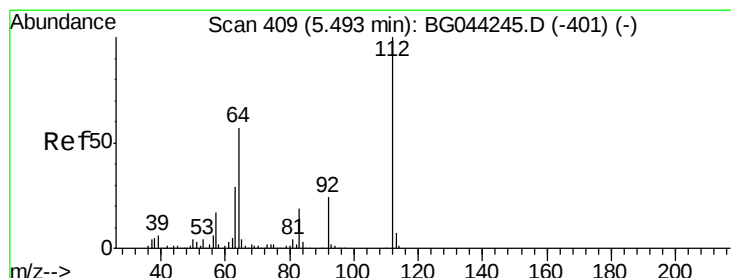
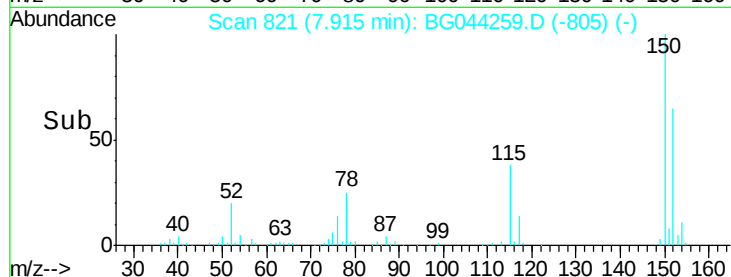
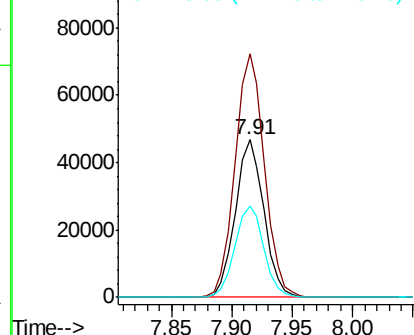
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG044259.D
 Acq: 31 Jan 2020 14:31

Instrument :
 BNA_G
 ClientSampleId :
 PB126492BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.6	183.8
115	58.0	46.0	69.0



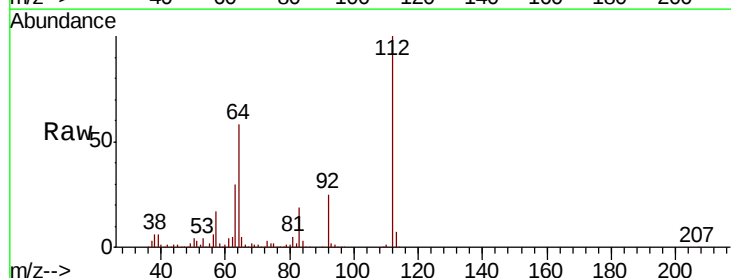
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



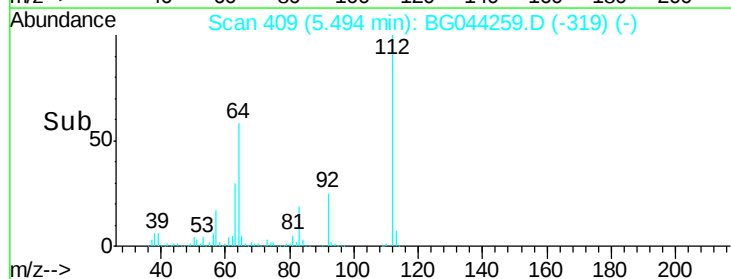
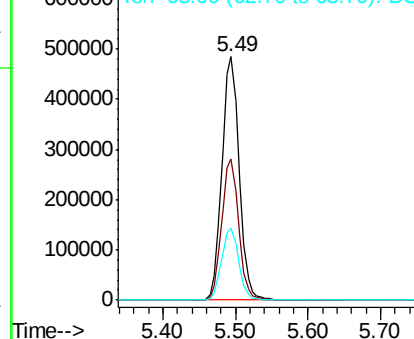
#5

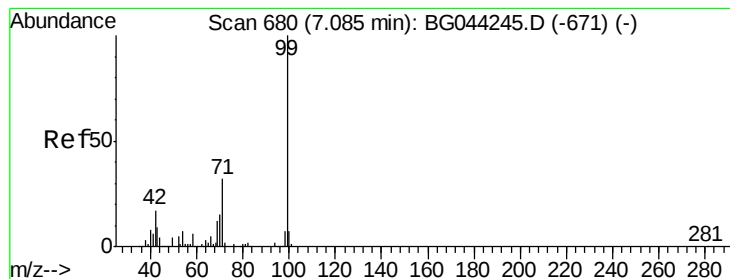
2-Fluorophenol
 Concen: 183.729 ng
 RT: 5.49 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BG044259.D
 Acq: 31 Jan 2020 14:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	45.4	68.2
63	29.8	22.9	34.3



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: 182.277 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044259.D

Acq: 31 Jan 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB126492BL

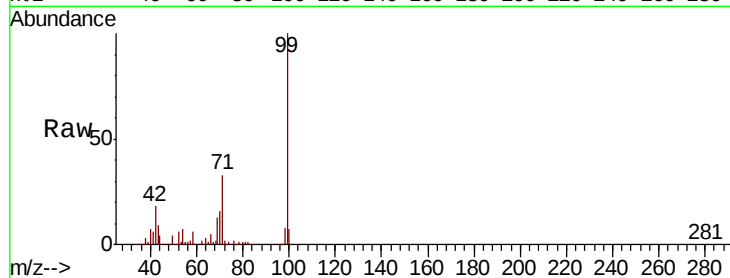
Tot Ion: 99 Resp: 1070843

Ion Ratio Lower Upper

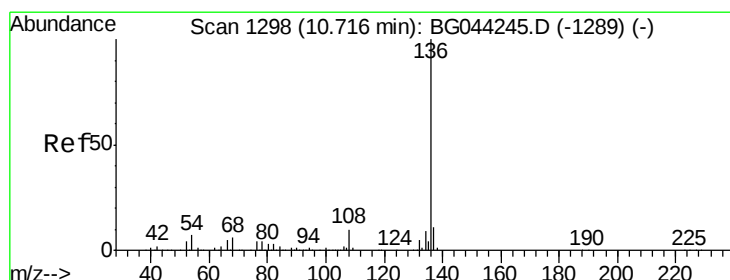
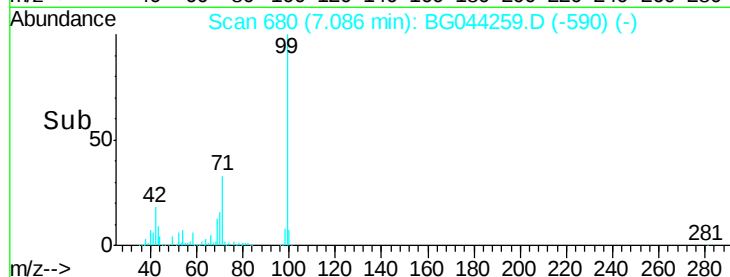
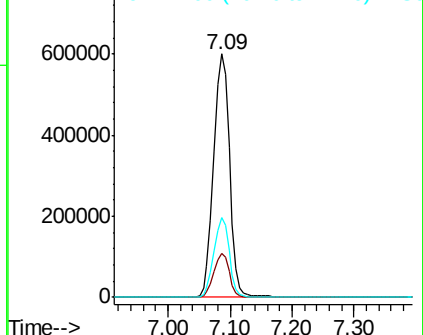
99 100

42 17.8 13.8 20.6

71 32.5 25.5 38.3



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: 10.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG044259.D

Acq: 31 Jan 2020 14:31

Tgt Ion: 136 Resp: 332924

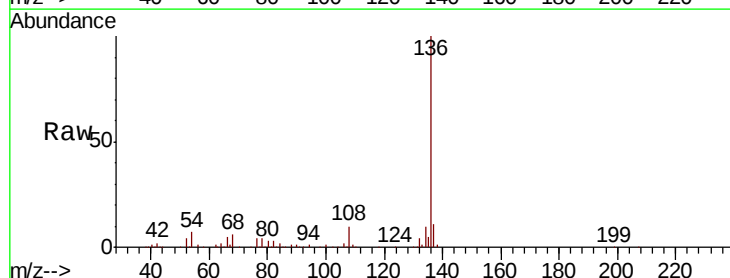
Ion Ratio Lower Upper

136 100

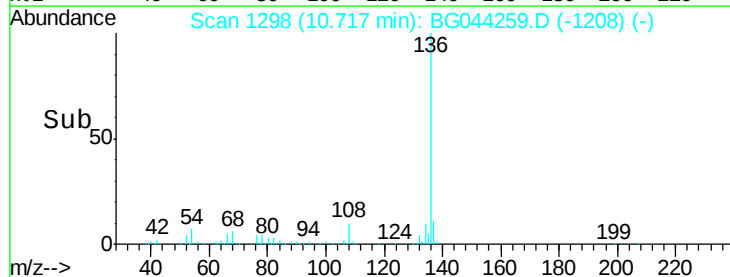
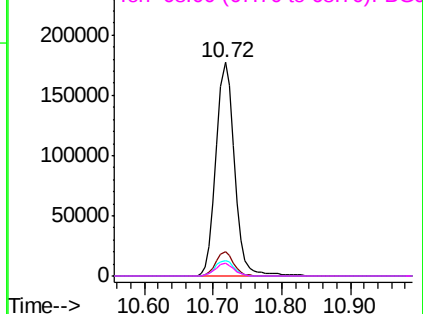
137 11.2 8.8 13.2

54 7.0 5.8 8.8

68 5.8 4.6 6.8



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

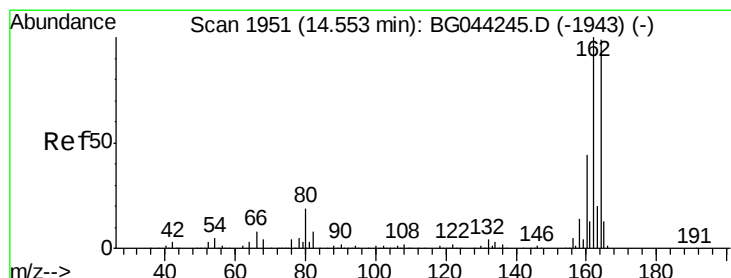
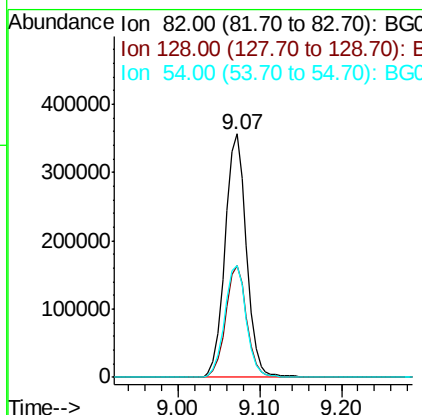
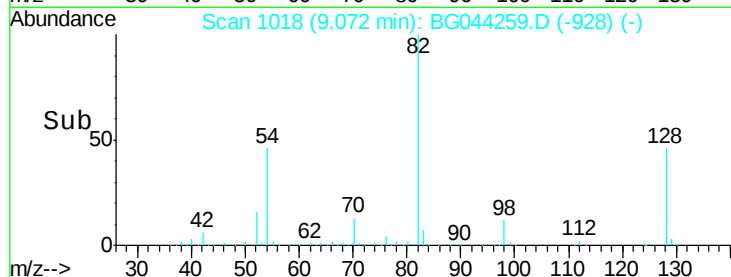
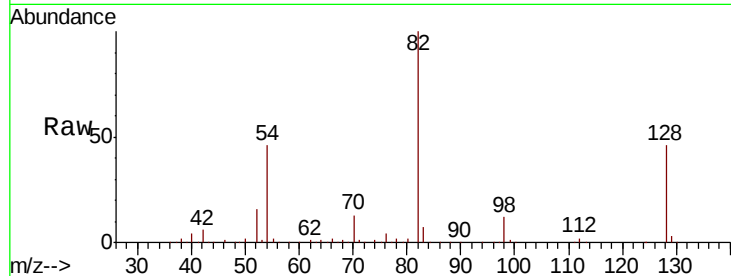




#23
Nitrobenzene-d5
Concen: 110.167 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG044259.D
Acq: 31 Jan 2020 14:31

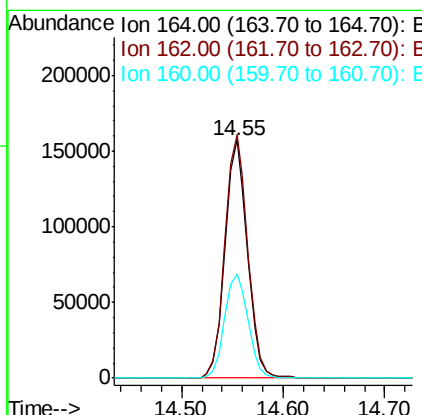
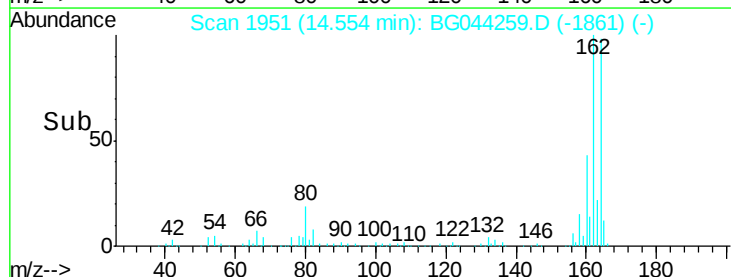
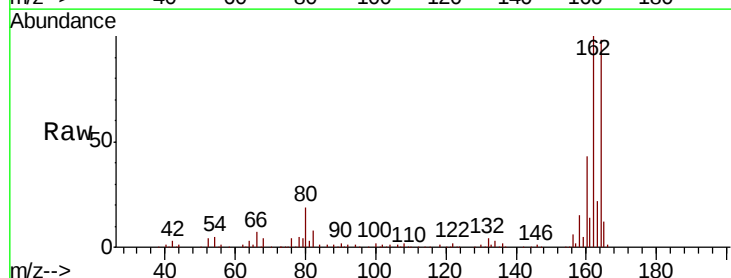
Instrument :
BNA_G
ClientSampleId :
PB126492BL

Tot Ion: 82 Resp: 649660
Ion Ratio Lower Upper
82 100
128 45.9 36.5 54.7
54 46.1 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG044259.D
Acq: 31 Jan 2020 14:31

Tgt Ion:164 Resp: 241242
Ion Ratio Lower Upper
164 100
162 102.3 80.7 121.1
160 43.8 35.3 52.9

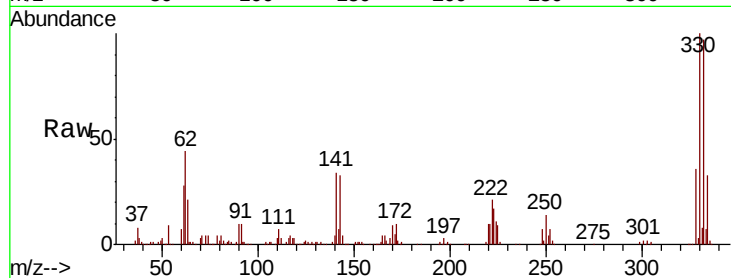




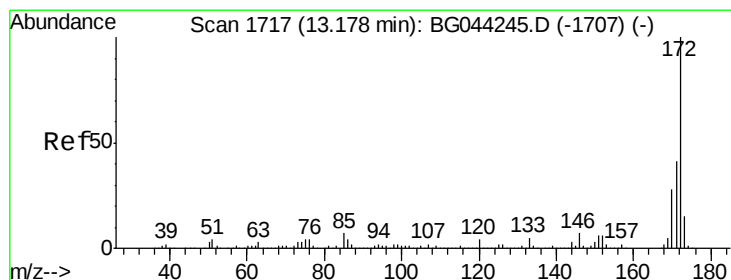
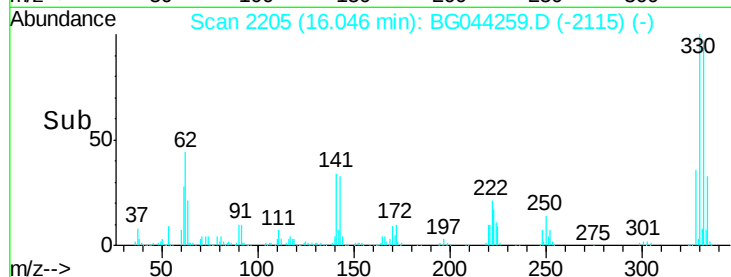
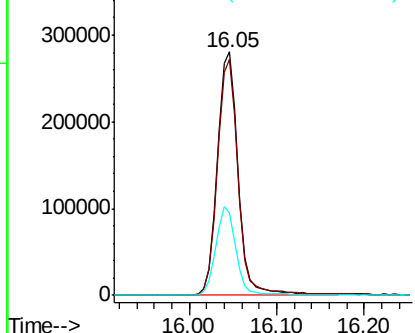
#42
 2,4,6-Tribromophenol
 Concen: 165.048 ng
 RT: 16.05 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BG044259.D
 Acq: 31 Jan 2020 14:31

Instrument :
 BNA_G
 ClientSampleId :
 PB126492BL

Tot Ion:330 Resp: 467424
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.2 115.8
 141 35.9 28.3 42.5

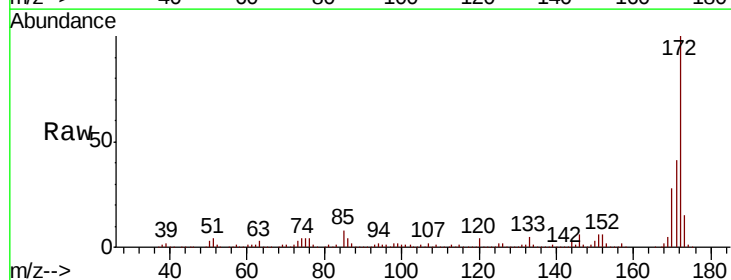


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

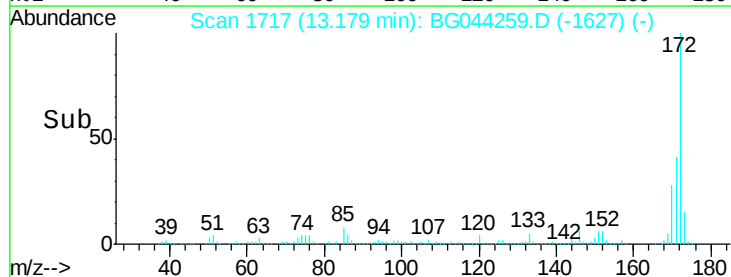
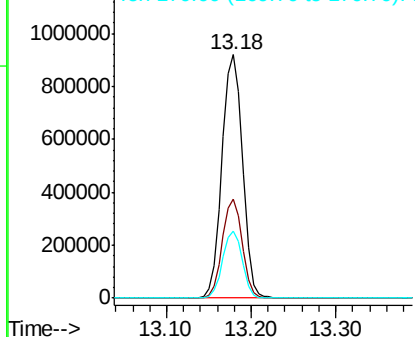


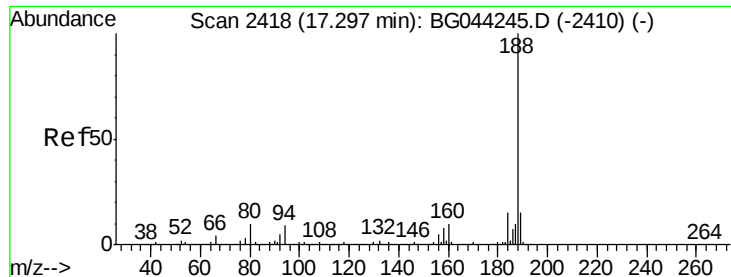
#45
 2-Fluorobiphenyl
 Concen: 108.247 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG044259.D
 Acq: 31 Jan 2020 14:31

Tgt Ion:172 Resp: 1559437
 Ion Ratio Lower Upper
 172 100
 171 40.6 32.9 49.3
 170 27.7 22.0 33.0



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: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG044259.D

Acq: 31 Jan 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB126492BL

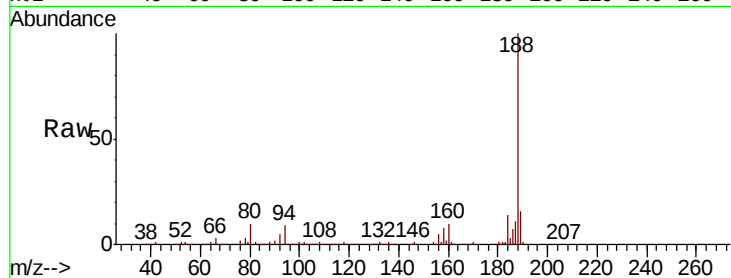
Tot Ion:188 Resp: 546126

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

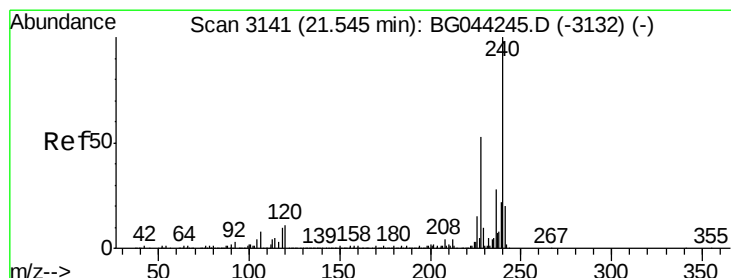
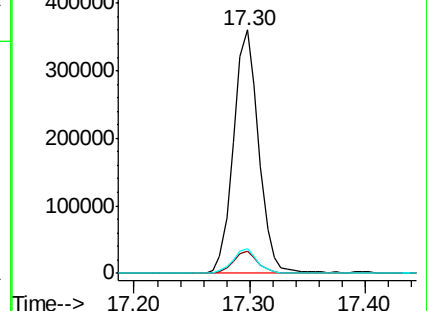
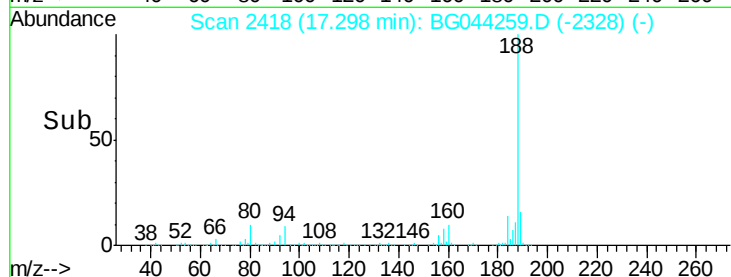
80 10.0 7.7 11.5



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: 21.55 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG044259.D

Acq: 31 Jan 2020 14:31

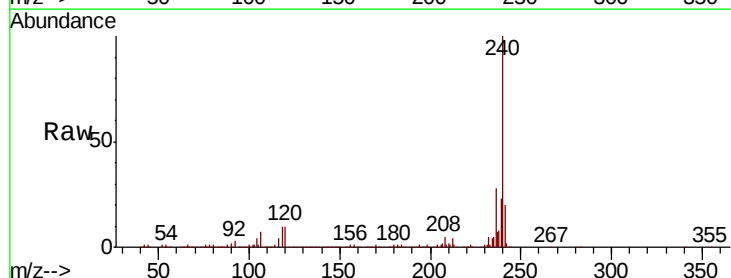
Tgt Ion:240 Resp: 482356

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

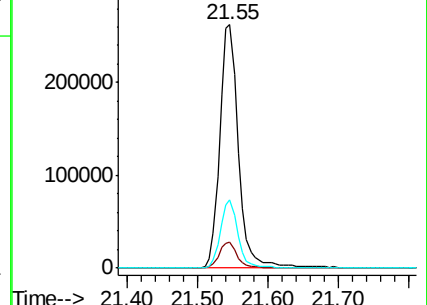
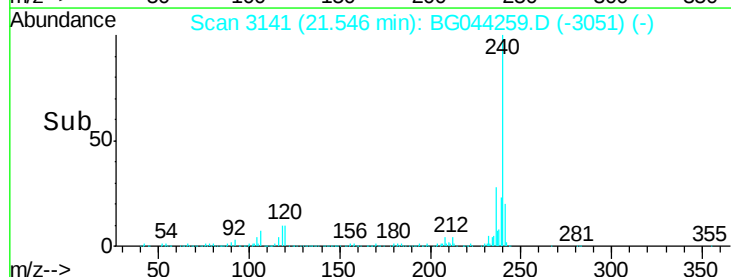
236 27.8 22.1 33.1

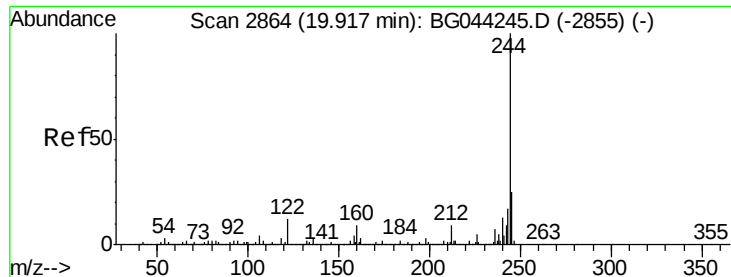


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.863 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG044259.D

Acq: 31 Jan 2020 14:31

Instrument :

BNA_G

ClientSampleId :

PB126492BL

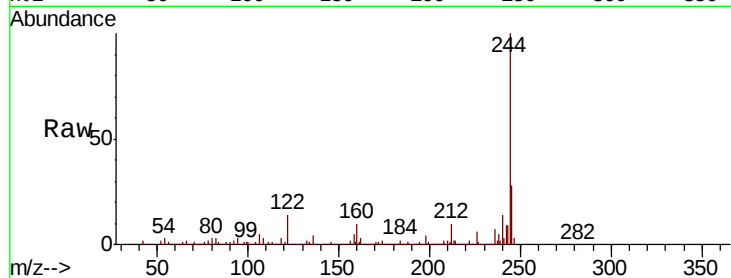
Tot Ion:244 Resp: 2388780

Ion Ratio Lower Upper

244 100

212 10.0 7.4 11.2

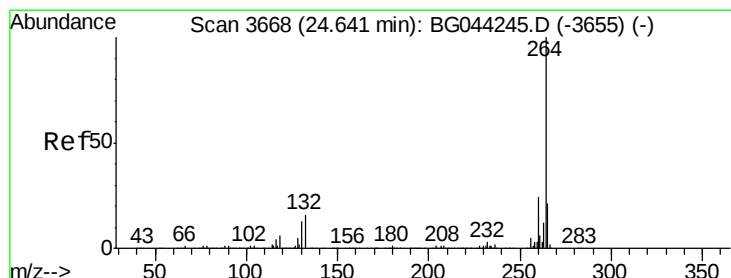
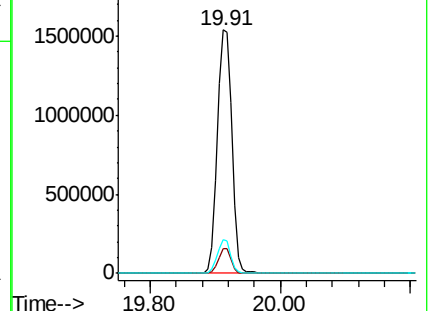
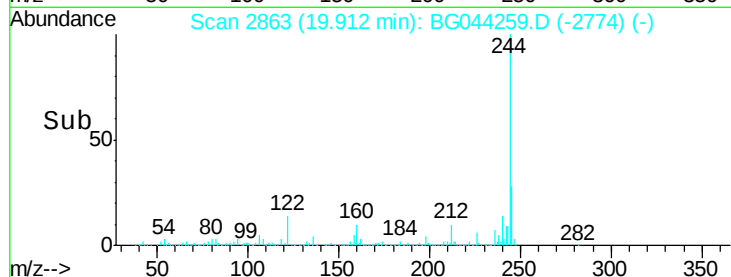
122 13.9 9.8 14.6



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: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG044259.D

Acq: 31 Jan 2020 14:31

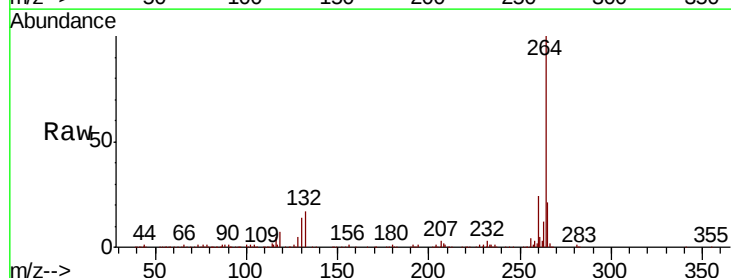
Tgt Ion:264 Resp: 493794

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.0 16.7 25.1



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

