

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
 Data File : BG044483.D
 Acq On : 18 Feb 2020 21:57
 Operator : CG/JU
 Sample : PB126892BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126892BL

Quant Time: Feb 19 02:17:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	57614	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	252816	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	189809	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	428564	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	397260	20.00	ng	-0.01
87) Perylene-d12	24.60	264	427843	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	217798	66.72	ng	0.00
7) Phenol-d6	7.07	99	174349	39.77	ng	-0.01
23) Nitrobenzene-d5	9.05	82	430949	96.24	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	351499	157.75	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	1085709	95.78	ng	-0.01
79) Terphenyl-d14	19.90	244	1704194	88.24	ng	0.00

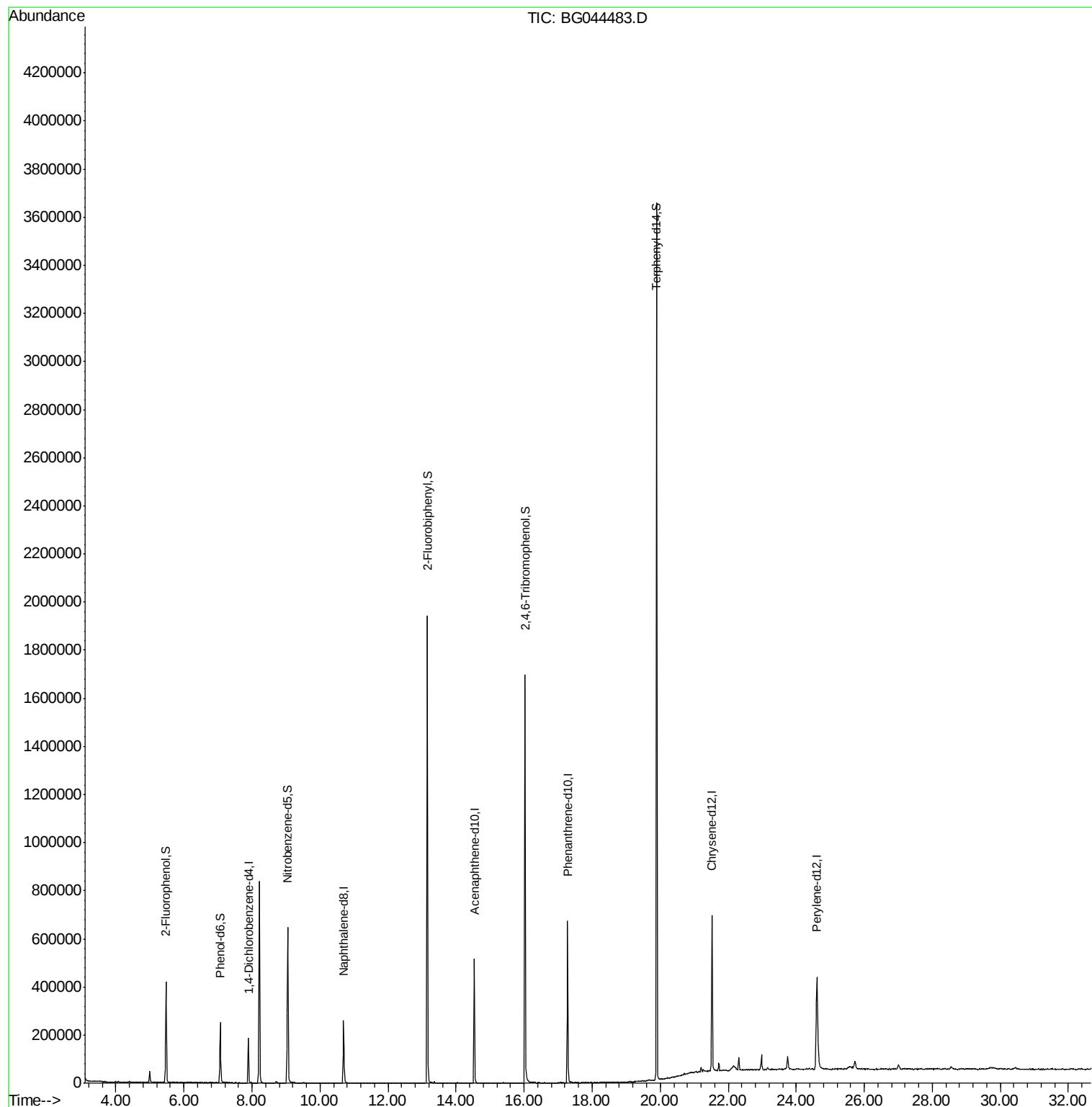
Target Compounds Qvalue

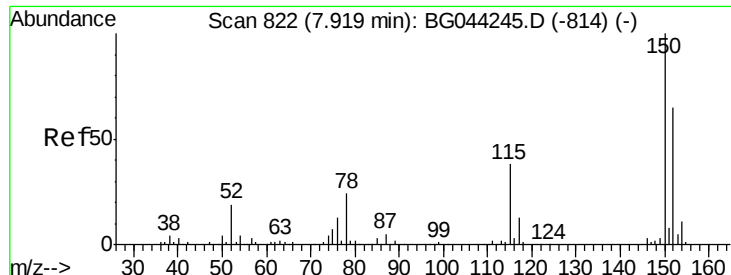
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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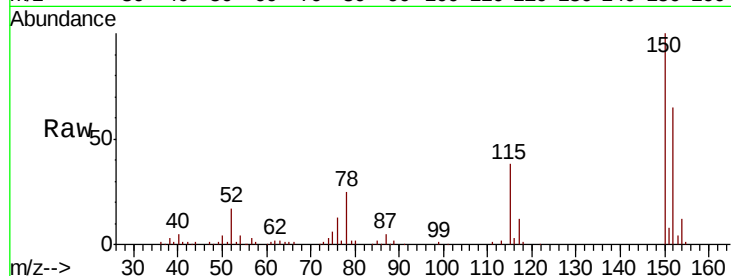


#1

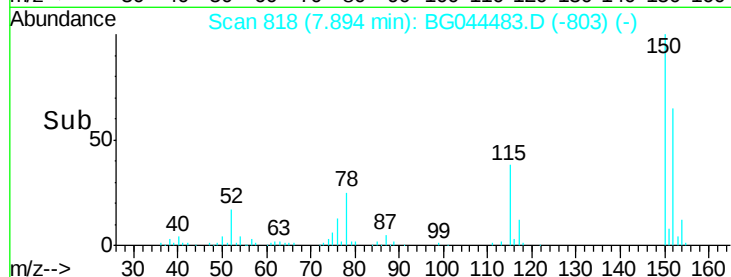
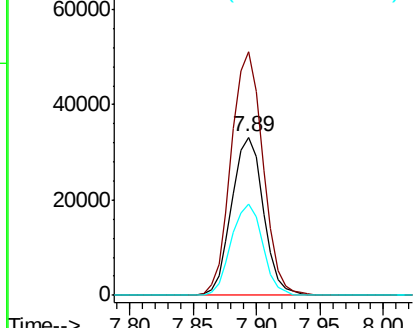
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG044483.D
 Acq: 18 Feb 2020 21:57

Instrument :
 BNA_G
 ClientSampleId :
 PB126892BL

Tot Ion:152 Resp: 57614
 Ion Ratio Lower Upper
 152 100
 150 153.7 122.6 183.8
 115 57.9 46.0 69.0



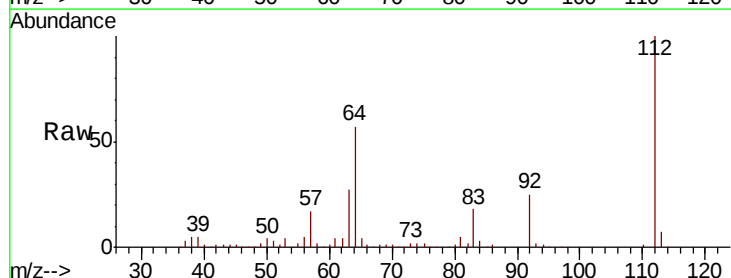
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



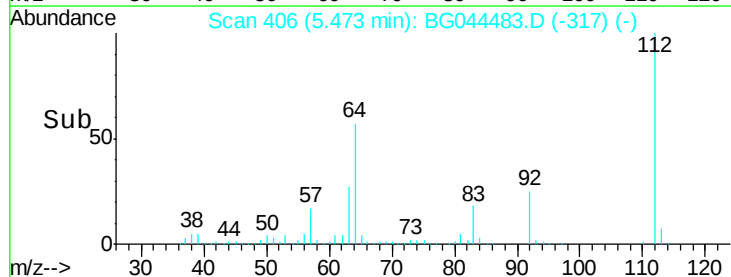
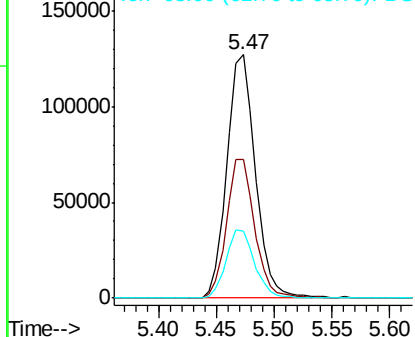
#5

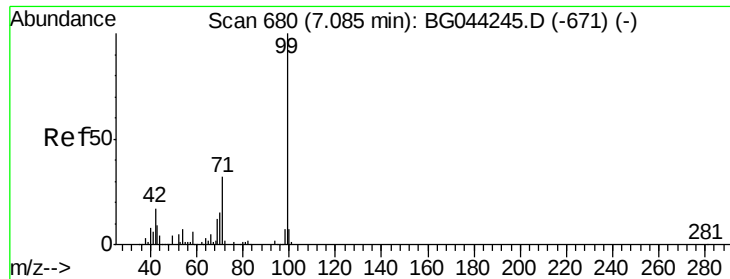
2-Fluorophenol
 Concen: 66.716 ng
 RT: 5.47 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BG044483.D
 Acq: 18 Feb 2020 21:57

Tgt Ion:112 Resp: 217798
 Ion Ratio Lower Upper
 112 100
 64 57.1 45.4 68.2
 63 27.3 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 39.771 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044483.D

Acq: 18 Feb 2020 21:57

Instrument :

BNA_G

ClientSampleId :

PB126892BL

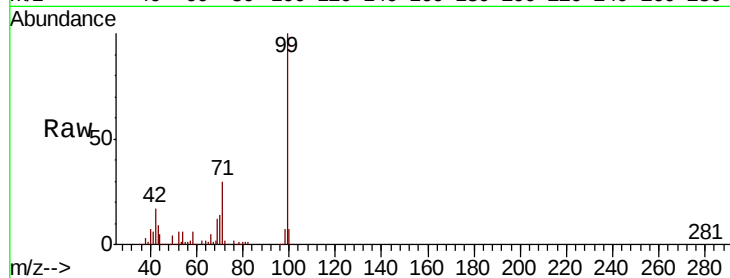
Tot Ion: 99 Resp: 174349

Ion Ratio Lower Upper

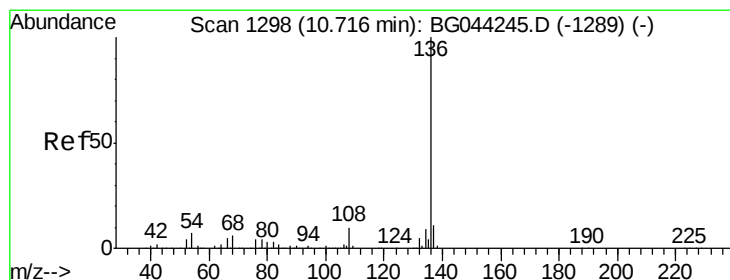
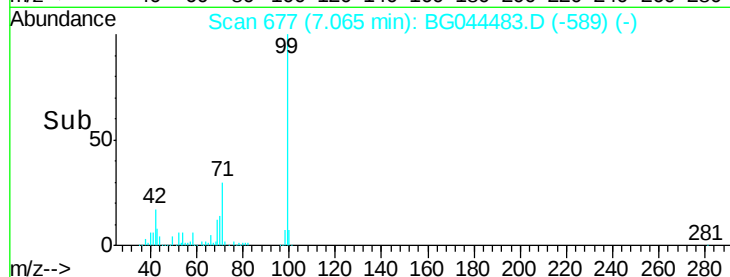
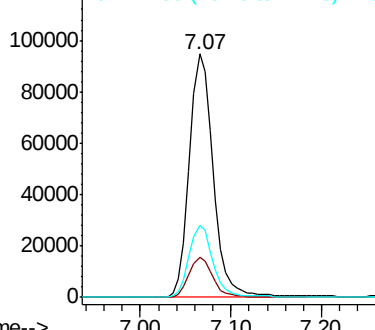
99 100

42 16.6 13.8 20.6

71 29.8 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: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044483.D

Acq: 18 Feb 2020 21:57

Tgt Ion: 136 Resp: 252816

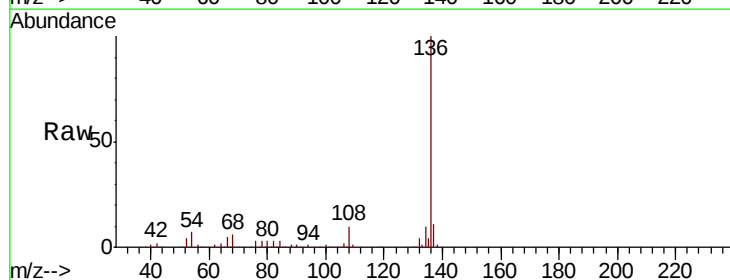
Ion Ratio Lower Upper

136 100

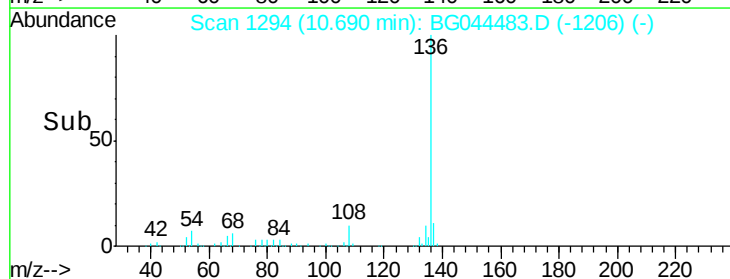
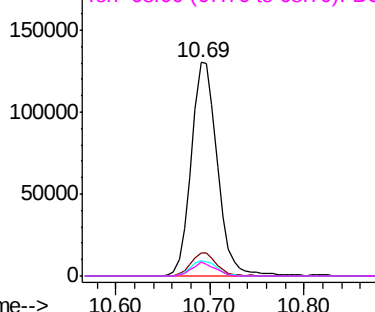
137 10.8 8.8 13.2

54 7.2 5.8 8.8

68 6.5 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

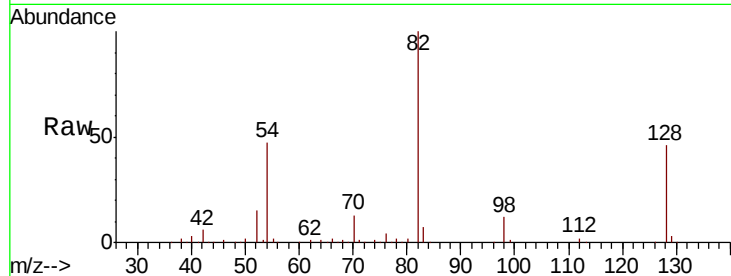




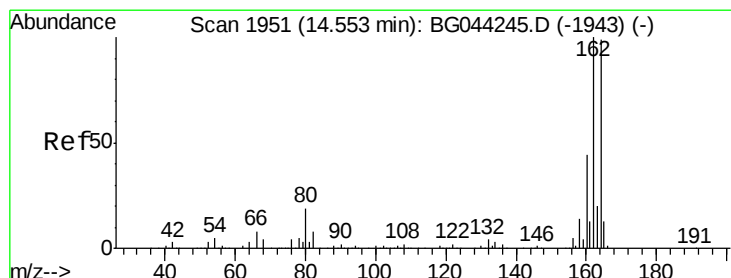
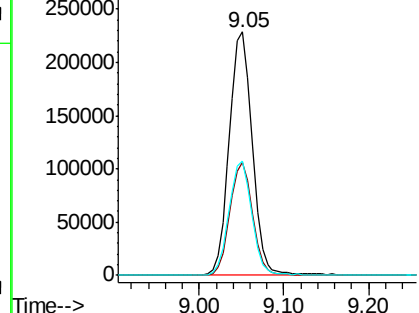
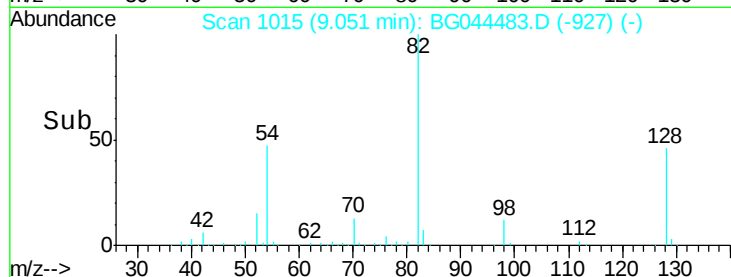
#23
Nitrobenzene-d5
Concen: 96.235 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044483.D
Acq: 18 Feb 2020 21:57

Instrument :
BNA_G
ClientSampleId :
PB126892BL

Tot Ion	82	Resp	430949
Ion Ratio	100		
128	46.3	36.5	54.7
54	46.8	38.6	58.0

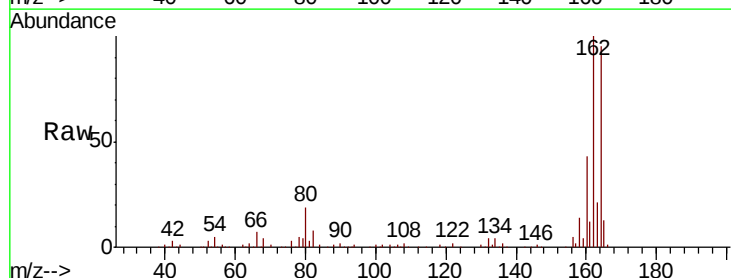


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

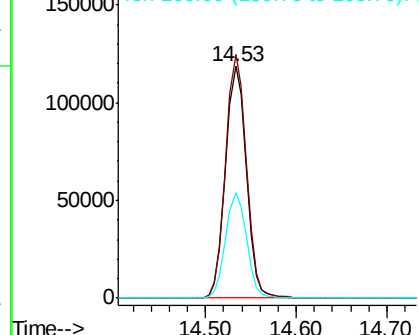
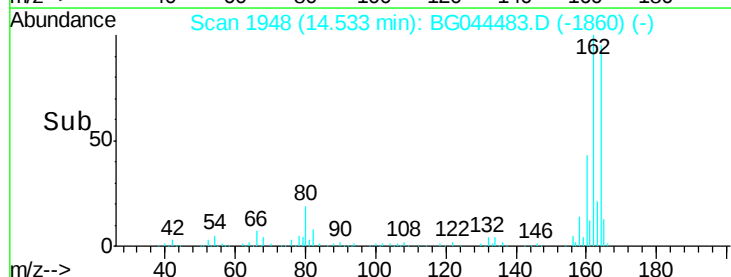


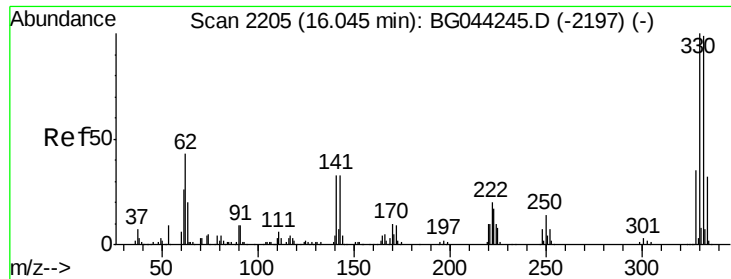
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044483.D
Acq: 18 Feb 2020 21:57

Tgt Ion	164	Resp	189809
Ion Ratio	100		
162	105.0	80.7	121.1
160	45.5	35.3	52.9



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

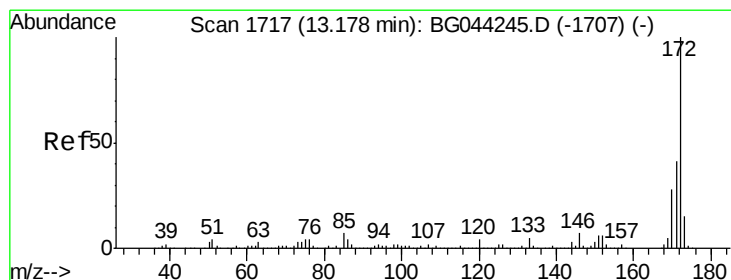
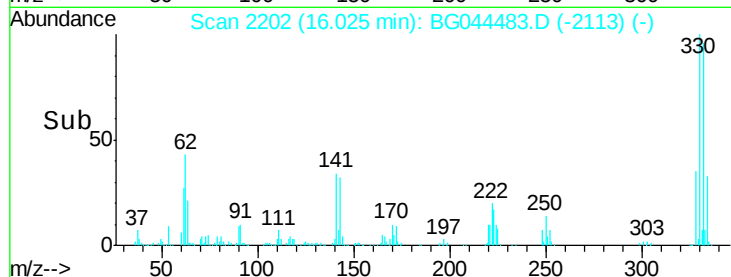
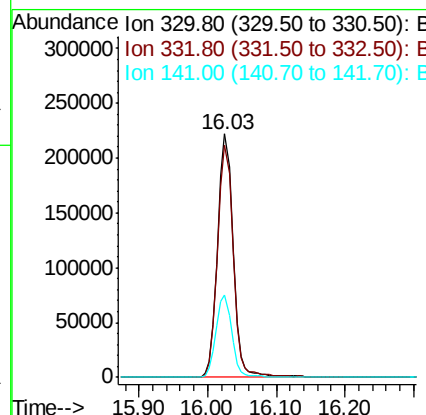
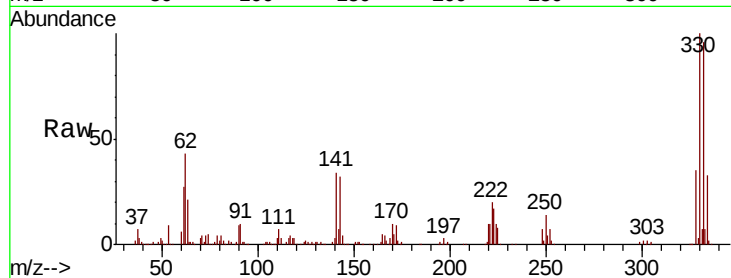




#42
 2,4,6-Tribromophenol
 Concen: 157.747 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BG044483.D
 Acq: 18 Feb 2020 21:57

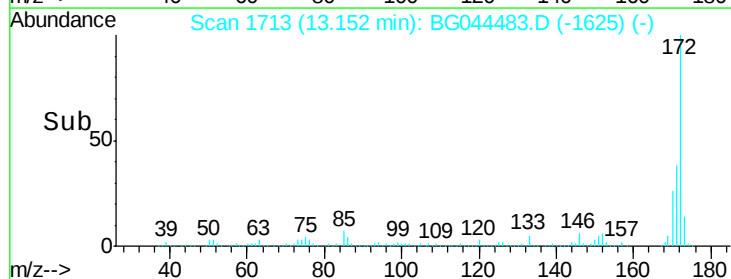
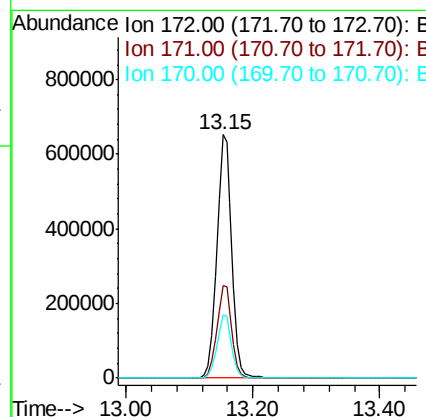
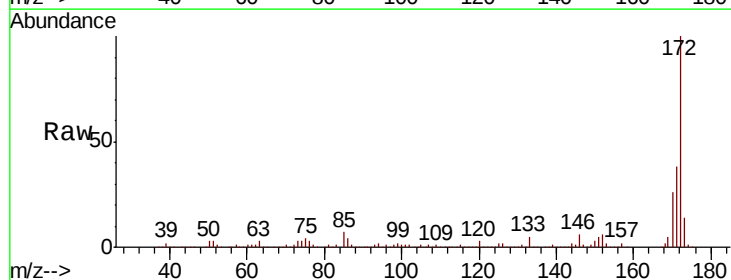
Instrument :
 BNA_G
 ClientSampleId :
 PB126892BL

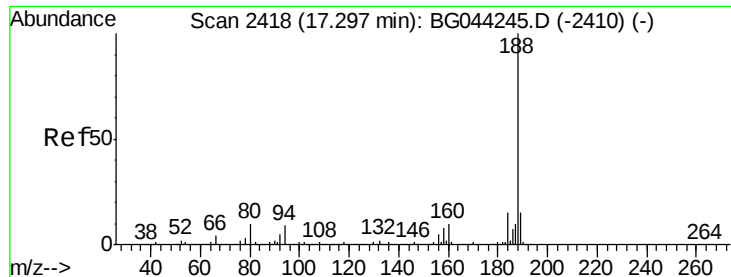
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.2	115.8
141	34.5	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 95.785 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044483.D
 Acq: 18 Feb 2020 21:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.9	49.3
170	25.9	22.0	33.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.28 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG044483.D

Acq: 18 Feb 2020 21:57

Instrument :

BNA_G

ClientSampleId :

PB126892BL

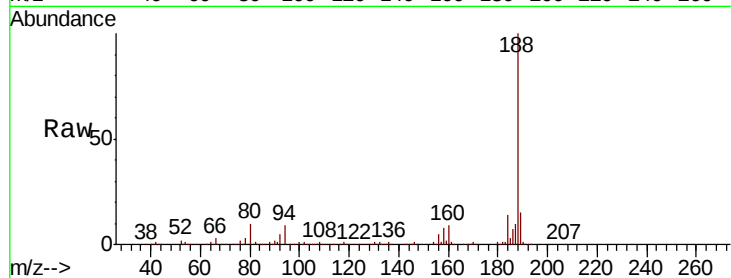
Tot Ion:188 Resp: 428564

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

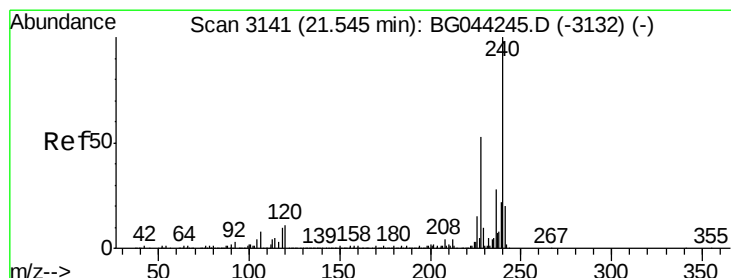
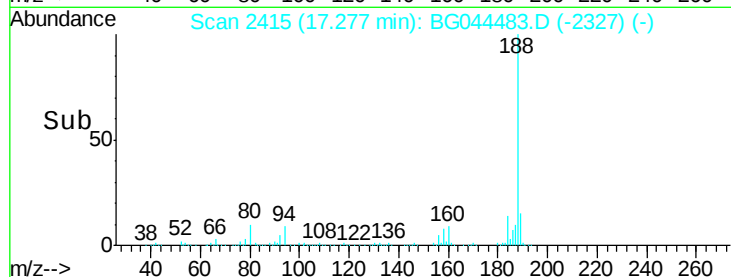
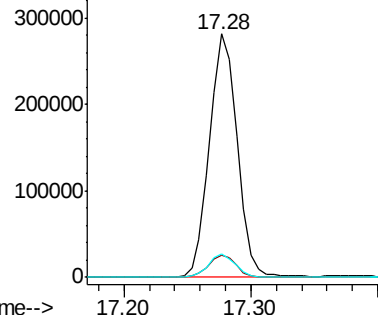
80 9.7 7.7 11.5



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: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044483.D

Acq: 18 Feb 2020 21:57

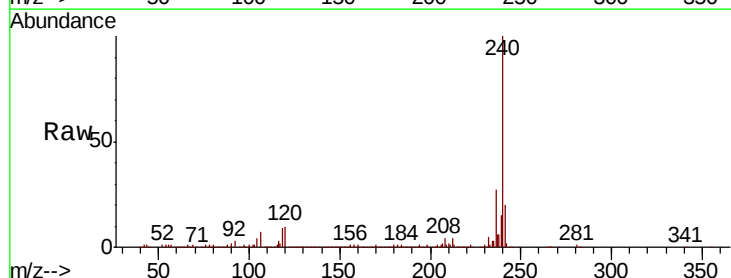
Tgt Ion:240 Resp: 397260

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

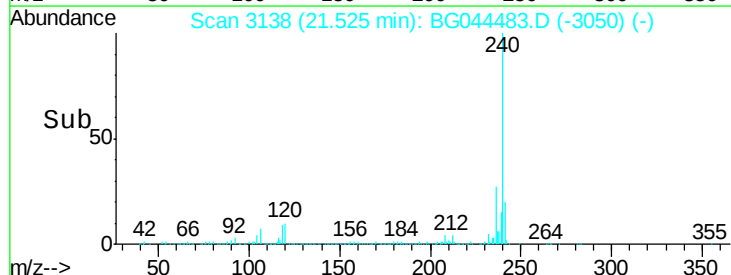
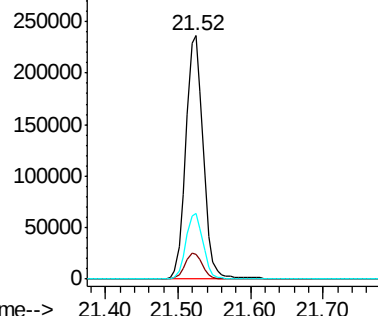
236 27.2 22.1 33.1

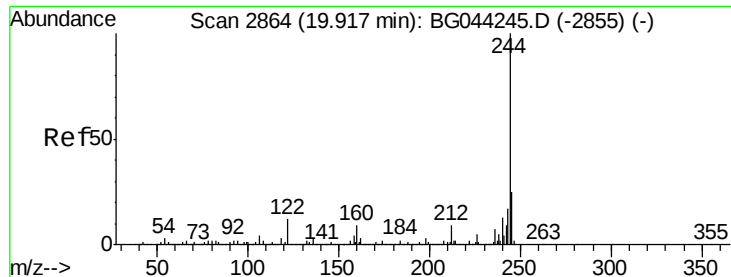


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.237 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG044483.D

Acq: 18 Feb 2020 21:57

Instrument :

BNA_G

ClientSampleId :

PB126892BL

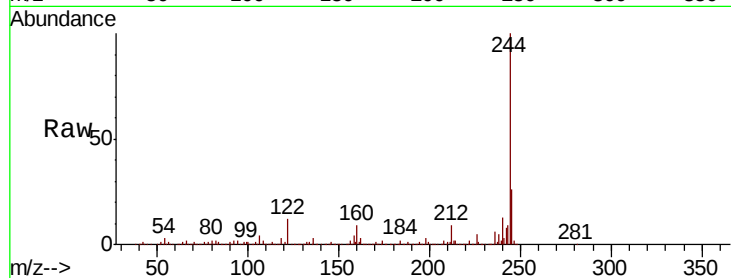
Tot Ion:244 Resp: 1704194

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.2

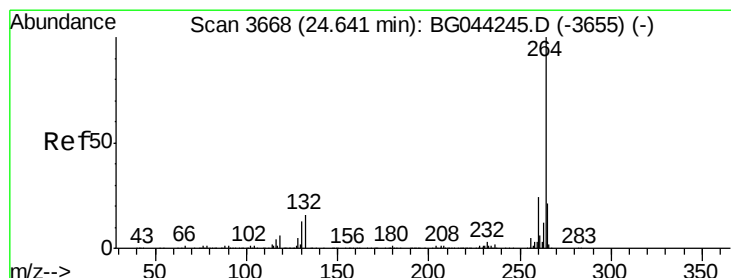
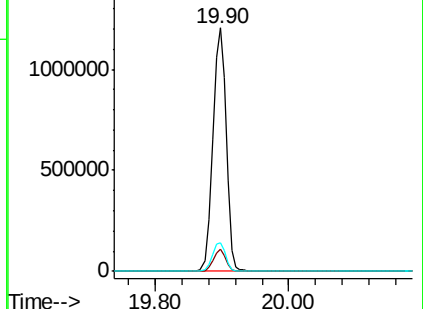
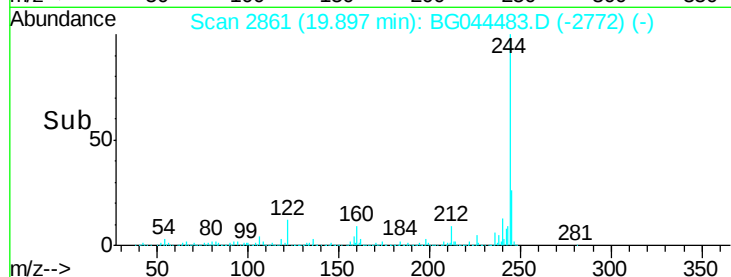
122 12.0 9.8 14.6



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: 24.60 min Scan# 3662

Delta R.T. -0.02 min

Lab File: BG044483.D

Acq: 18 Feb 2020 21:57

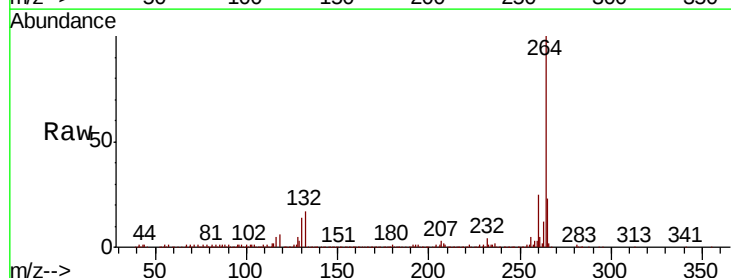
Tgt Ion:264 Resp: 427843

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.2

265 23.0 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

