

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044340.D
 Acq On : 7 Feb 2020 16:58
 Operator : CG/JU
 Sample : PB126671BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BL

Quant Time: Feb 08 02:55:35 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	85406	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	331804	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	203342	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	465236	20.00	ng	0.00
76) Chrysene-d12	21.54	240	473588	20.00	ng	0.00
87) Perylene-d12	24.63	264	489182	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	479823	99.15	ng	0.00
7) Phenol-d6	7.09	99	596930	91.86	ng	0.00
23) Nitrobenzene-d5	9.07	82	512723	87.24	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	223135	93.47	ng	-0.01
45) 2-Fluorobiphenyl	13.17	172	1140852	93.95	ng	0.00
79) Terphenyl-d14	19.91	244	1891893	82.17	ng	0.00

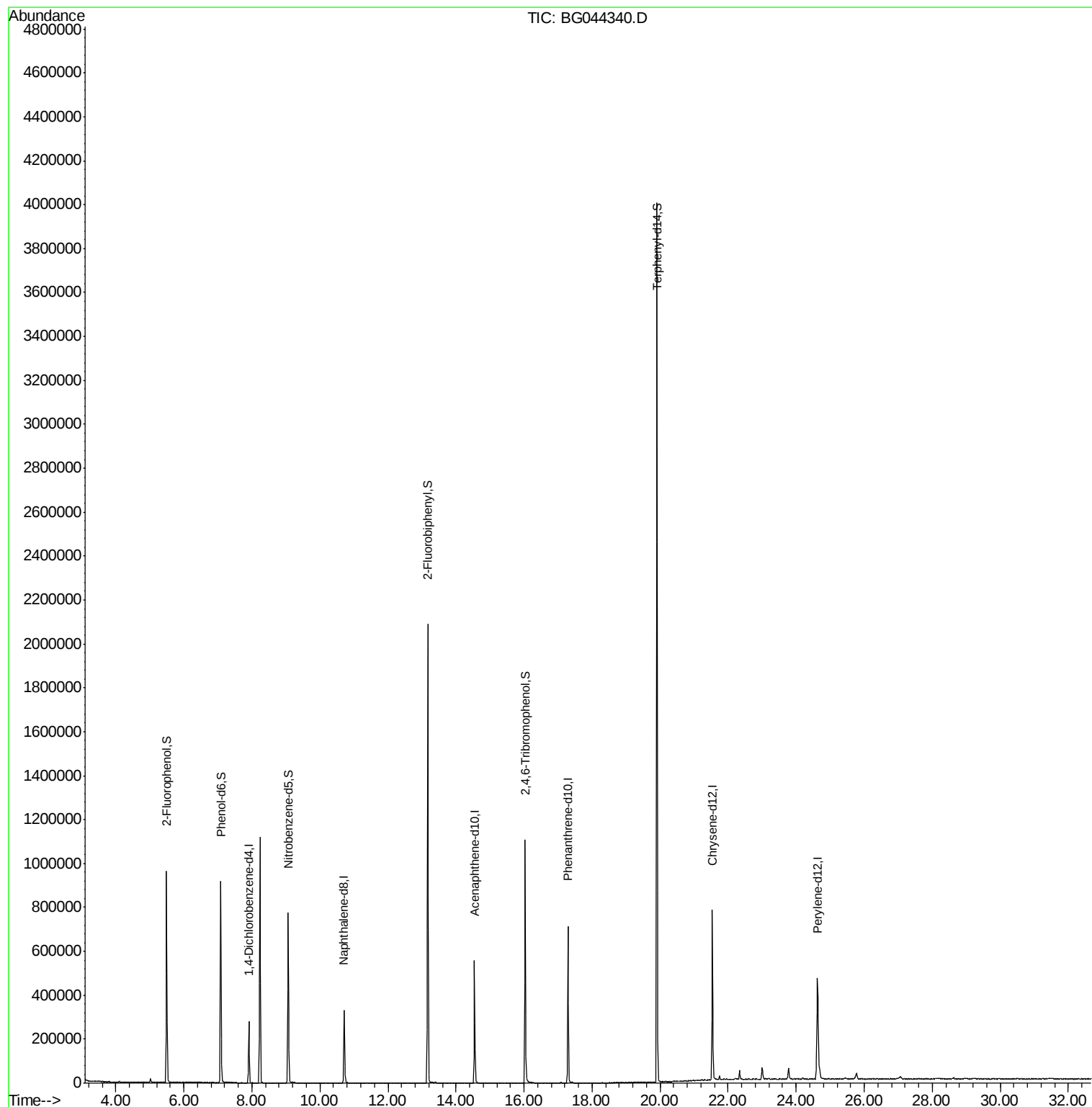
Target Compounds Qvalue

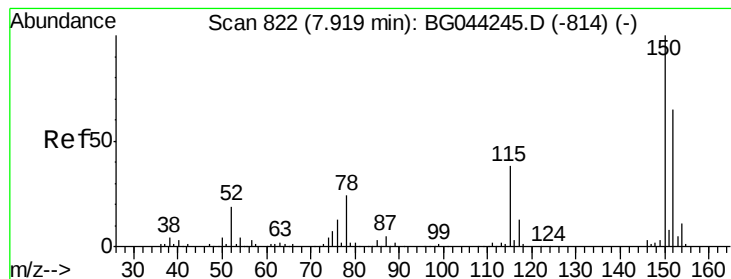
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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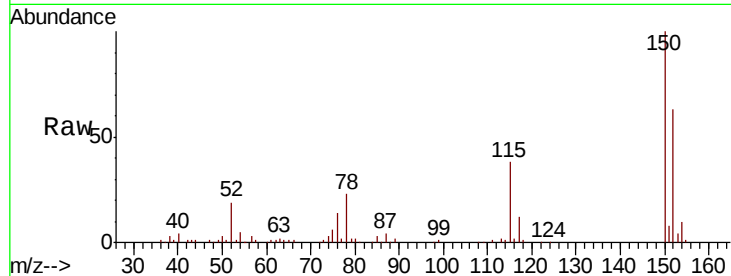


#1

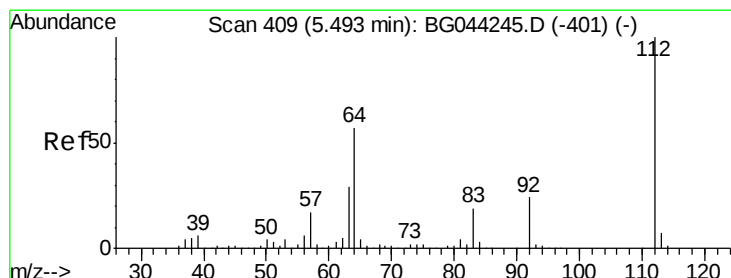
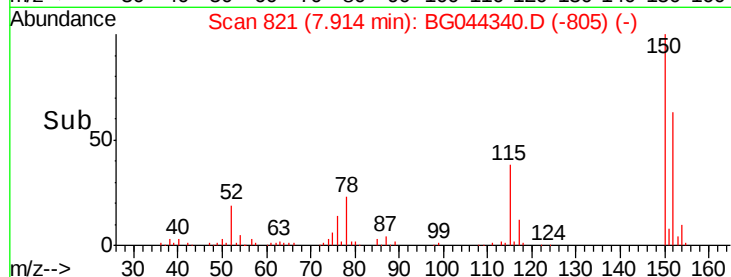
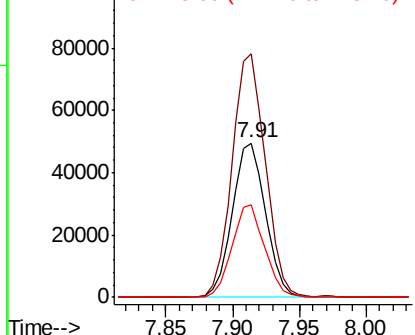
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044340.D
Acq: 7 Feb 2020 16:58

Instrument :
BNA_G
ClientSampleId :
PB126671BL

Tot Ion:152 Resp: 85406
Ion Ratio Lower Upper
152 100
150 157.8 122.6 183.8
115 59.8 46.0 69.0



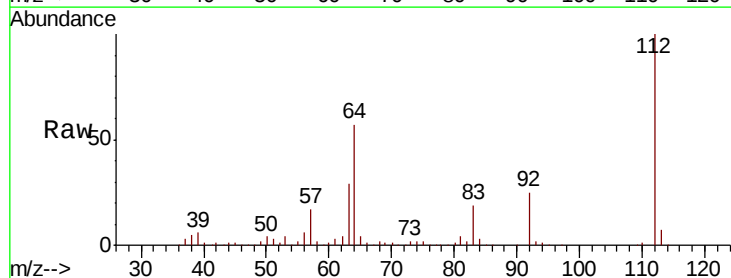
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



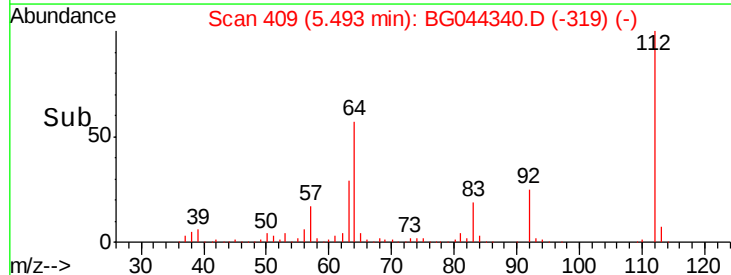
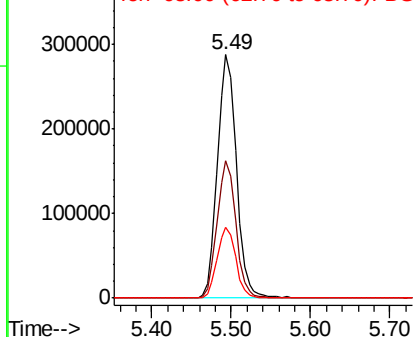
#5

2-Fluorophenol
Concen: 99.151 ng
RT: 5.49 min Scan# 409
Delta R.T. 0.00 min
Lab File: BG044340.D
Acq: 7 Feb 2020 16:58

Tgt Ion:112 Resp: 479823
Ion Ratio Lower Upper
112 100
64 56.6 45.4 68.2
63 29.0 22.9 34.3



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





#7

Phenol-d6

Concen: 91.857 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044340.D

Acq: 7 Feb 2020 16:58

Instrument :

BNA_G

ClientSampleId :

PB126671BL

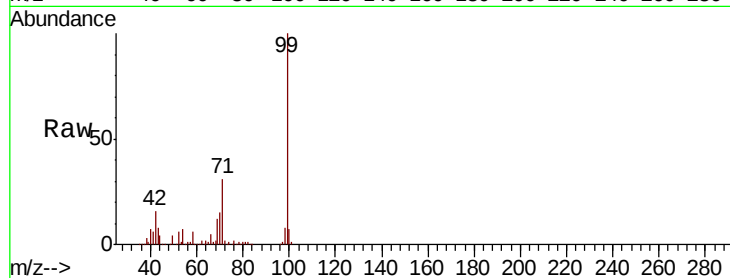
Tot Ion: 99 Resp: 596930

Ion Ratio Lower Upper

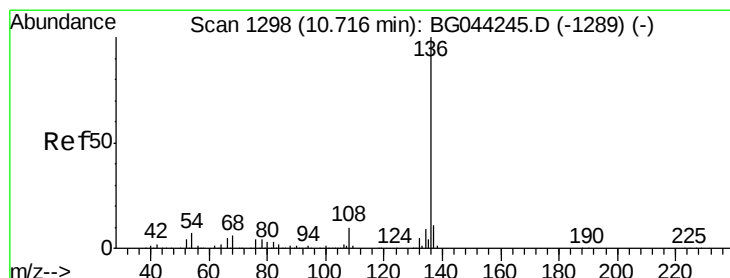
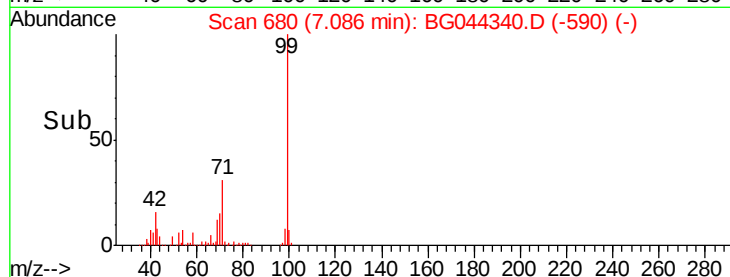
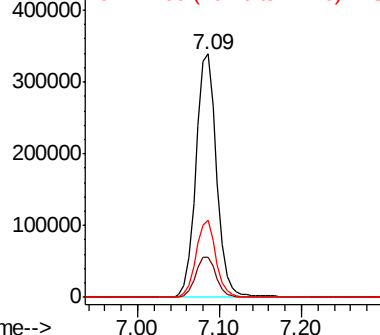
99 100

42 16.4 13.8 20.6

71 31.5 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: 10.71 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG044340.D

Acq: 7 Feb 2020 16:58

Tgt Ion: 136 Resp: 331804

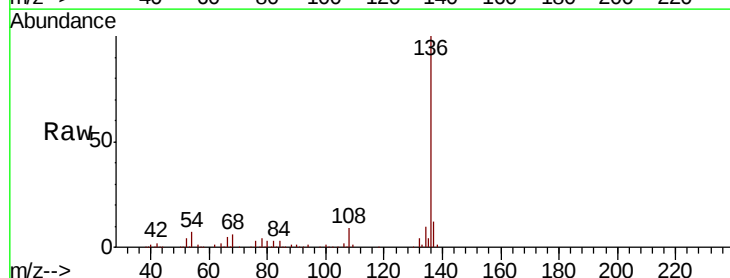
Ion Ratio Lower Upper

136 100

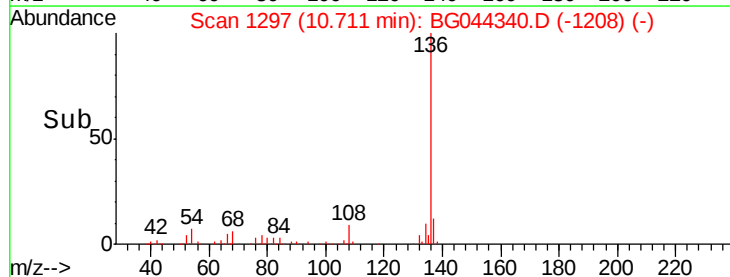
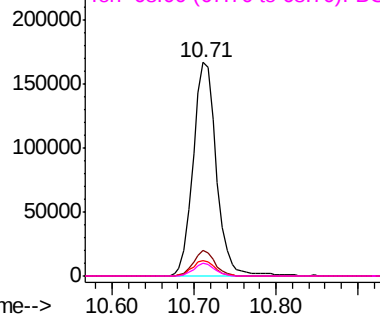
137 12.3 8.8 13.2

54 7.3 5.8 8.8

68 6.0 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

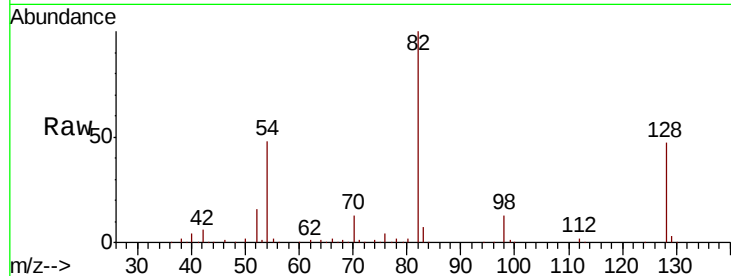




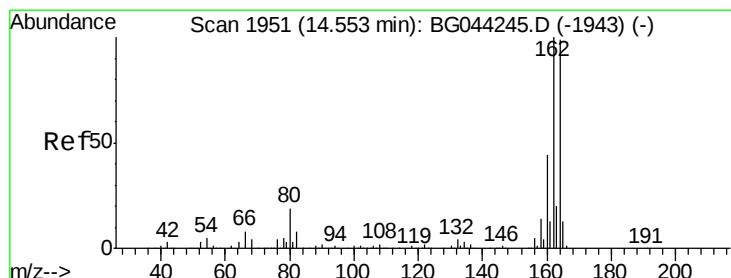
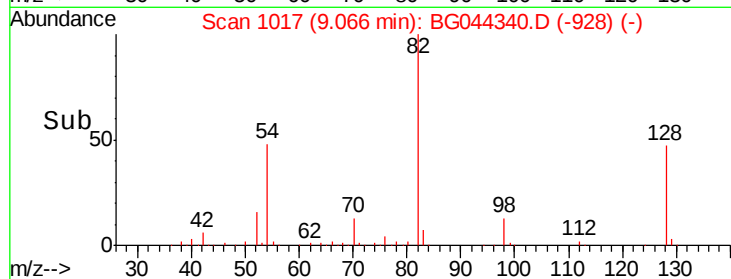
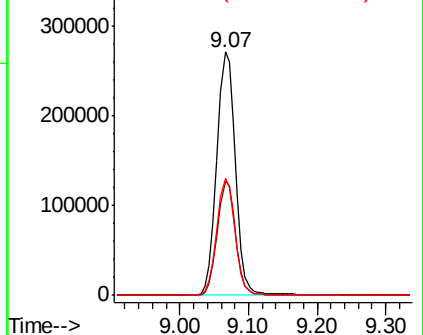
#23
Nitrobenzene-d5
Concen: 87.240 ng
RT: 9.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG044340.D
Acq: 7 Feb 2020 16:58

Instrument :
BNA_G
ClientSampleId :
PB126671BL

Tot Ion: 82 Resp: 512723
Ion Ratio Lower Upper
82 100
128 46.7 36.5 54.7
54 48.1 38.6 58.0

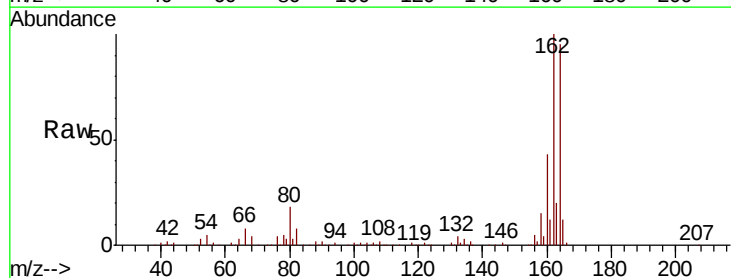


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

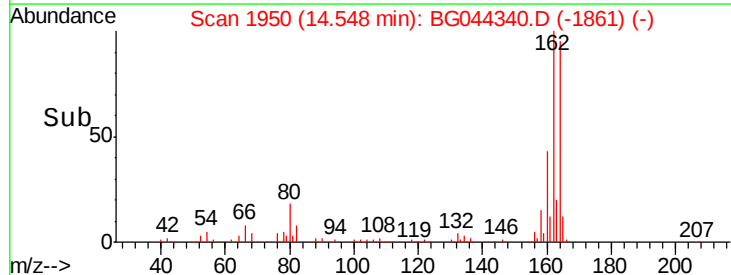
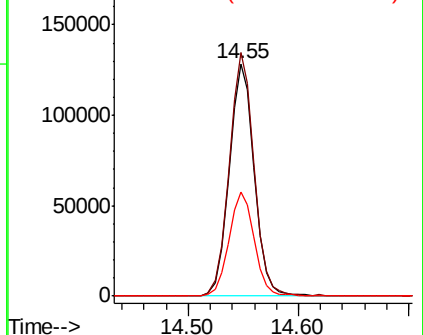


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG044340.D
Acq: 7 Feb 2020 16:58

Tgt Ion:164 Resp: 203342
Ion Ratio Lower Upper
164 100
162 104.8 80.7 121.1
160 44.9 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

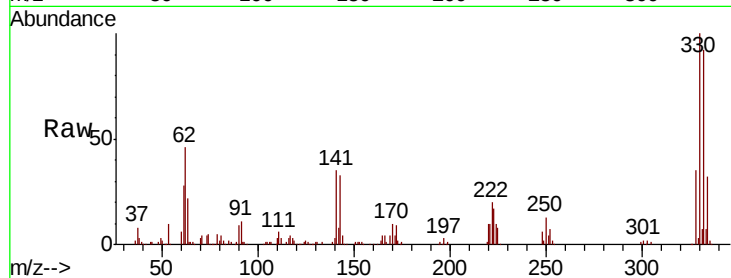




#42
 2,4,6-Tribromophenol
 Concen: 93.475 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG044340.D
 Acq: 7 Feb 2020 16:58

Instrument :
 BNA_G
 ClientSampleId :
 PB126671BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.2	115.8
141	35.0	28.3	42.5

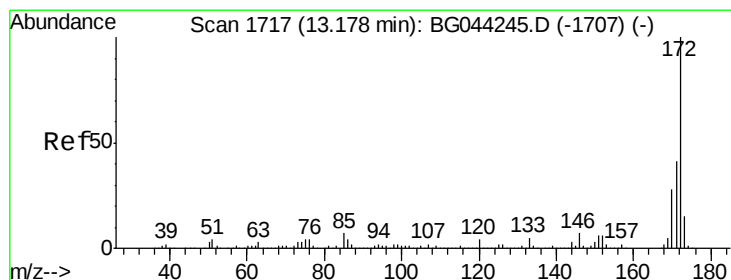
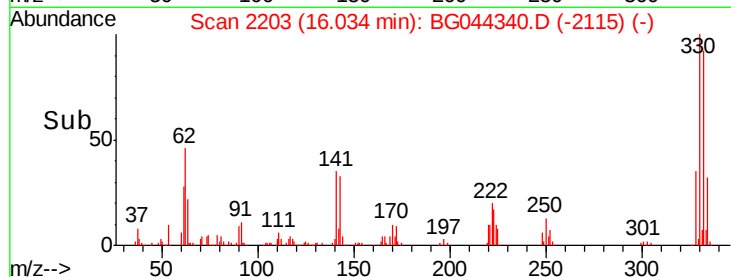
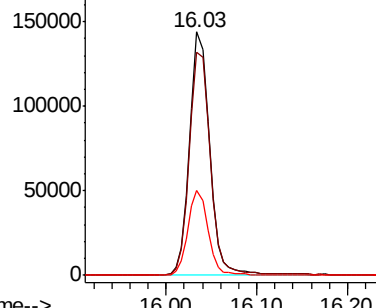


Abundance

Ion 329.80 (329.50 to 330.50): E

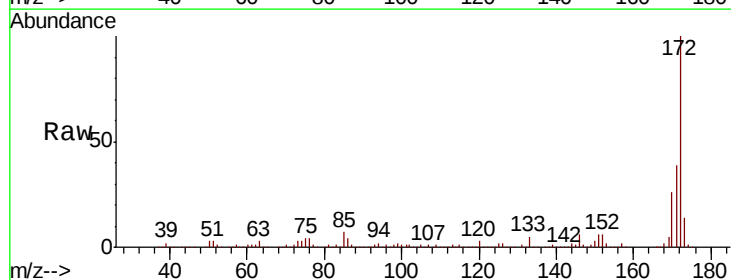
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.951 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG044340.D
 Acq: 7 Feb 2020 16:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.9	49.3
170	26.5	22.0	33.0

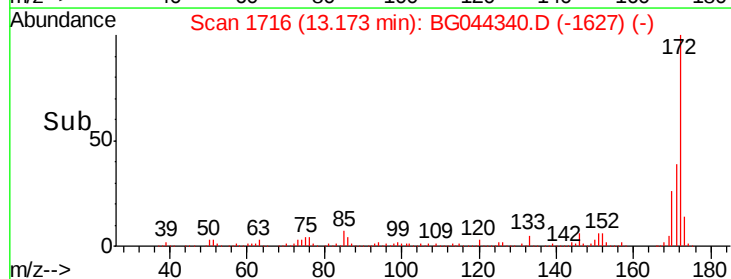
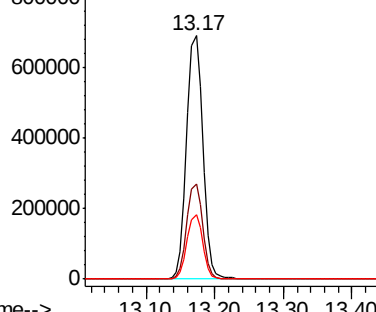


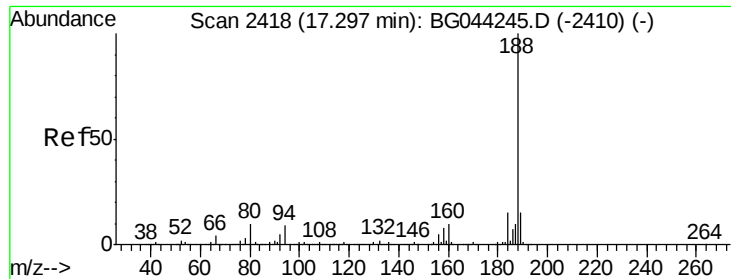
Abundance

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: 17.29 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BG044340.D

Acq: 7 Feb 2020 16:58

Instrument :

BNA_G

ClientSampleId :

PB126671BL

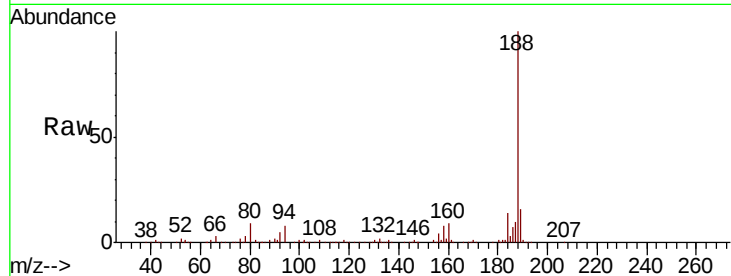
Tot Ion:188 Resp: 465236

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

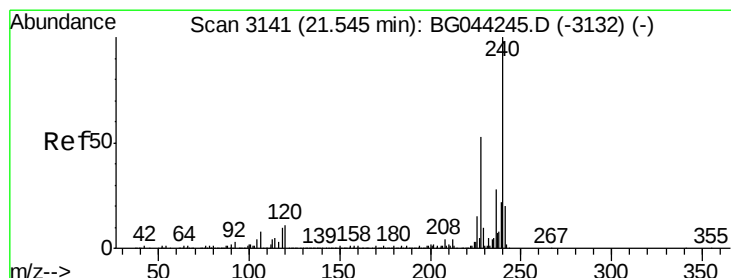
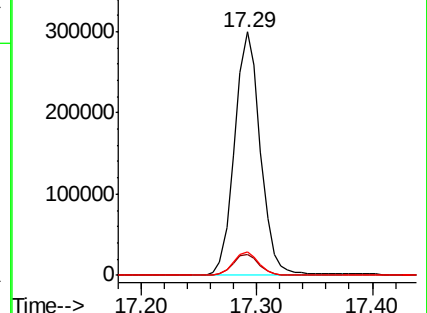
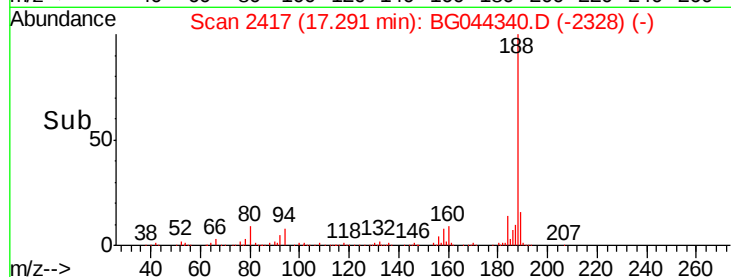
80 9.4 7.7 11.5



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: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG044340.D

Acq: 7 Feb 2020 16:58

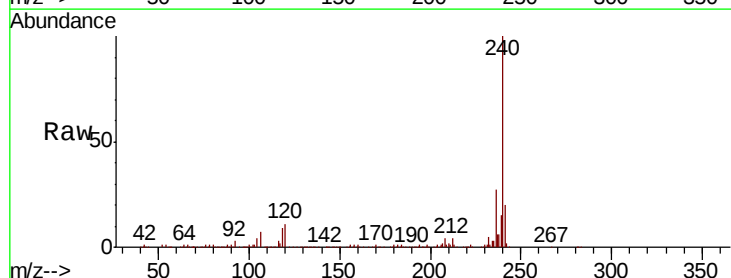
Tgt Ion:240 Resp: 473588

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

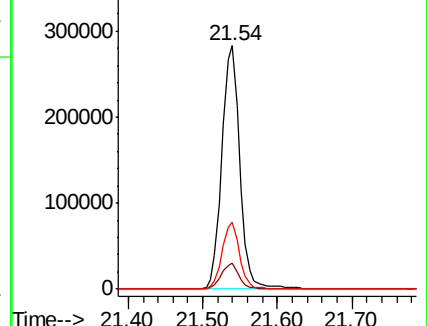
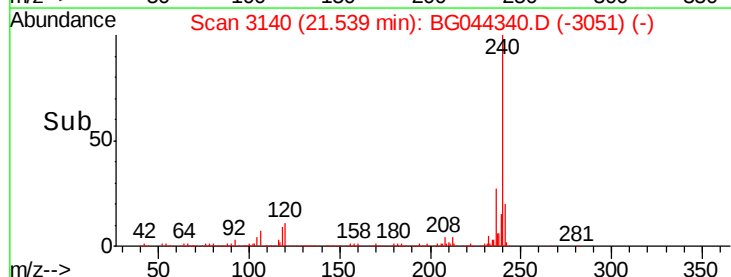
236 27.4 22.1 33.1

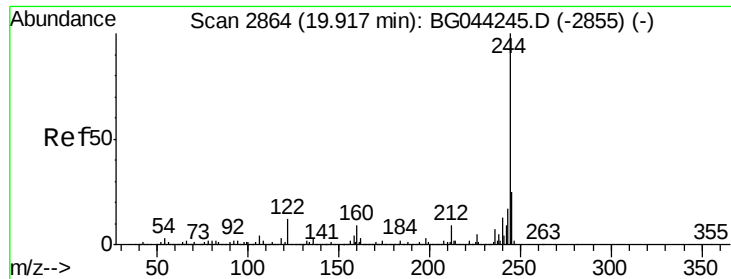


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.168 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044340.D

Acq: 7 Feb 2020 16:58

Instrument :

BNA_G

ClientSampleId :

PB126671BL

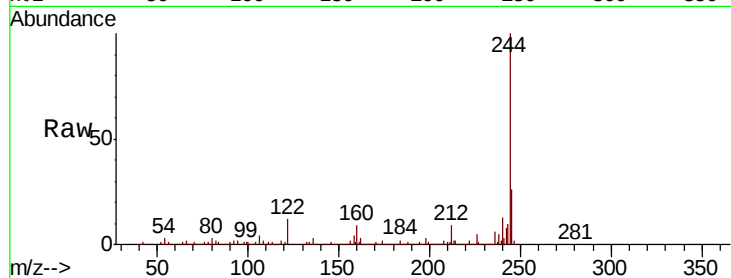
Tot Ion:244 Resp: 1891893

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.2

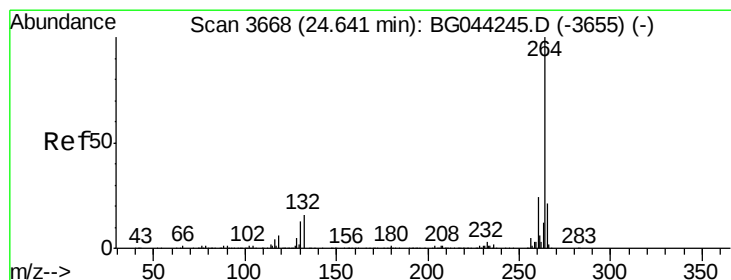
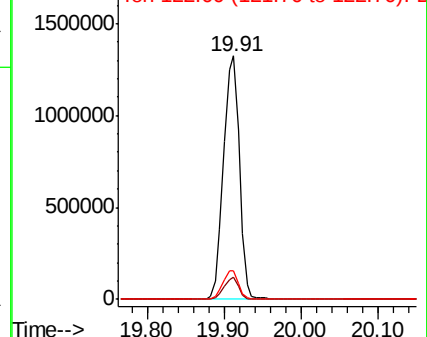
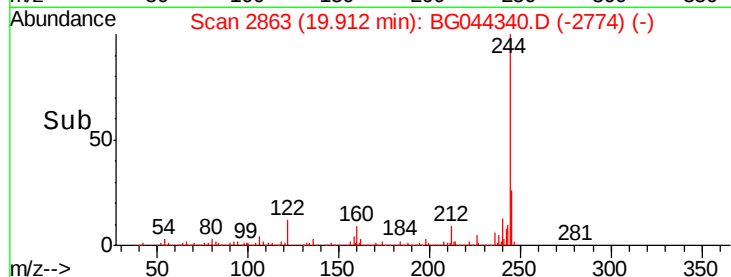
122 12.0 9.8 14.6



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: 24.63 min Scan# 3666

Delta R.T. -0.01 min

Lab File: BG044340.D

Acq: 7 Feb 2020 16:58

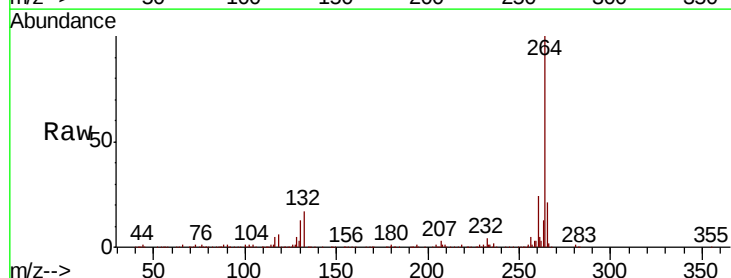
Tgt Ion:264 Resp: 489182

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.4 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

