

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044602.D
 Acq On : 26 Feb 2020 13:53
 Operator : CG/JU
 Sample : PB127090BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127090BL

Quant Time: Feb 27 07:04:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	53558	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	222504	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	146134	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	364002	20.00	ng	0.00
76) Chrysene-d12	21.50	240	379608	20.00	ng	0.00
87) Perylene-d12	24.56	264	386953	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	486965	145.88	ng	0.00
7) Phenol-d6	7.05	99	623427	136.44	ng	0.00
23) Nitrobenzene-d5	9.03	82	368459	85.31	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	284281	137.20	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	881099	86.34	ng	0.00
79) Terphenyl-d14	19.88	244	1657794	82.67	ng	0.00

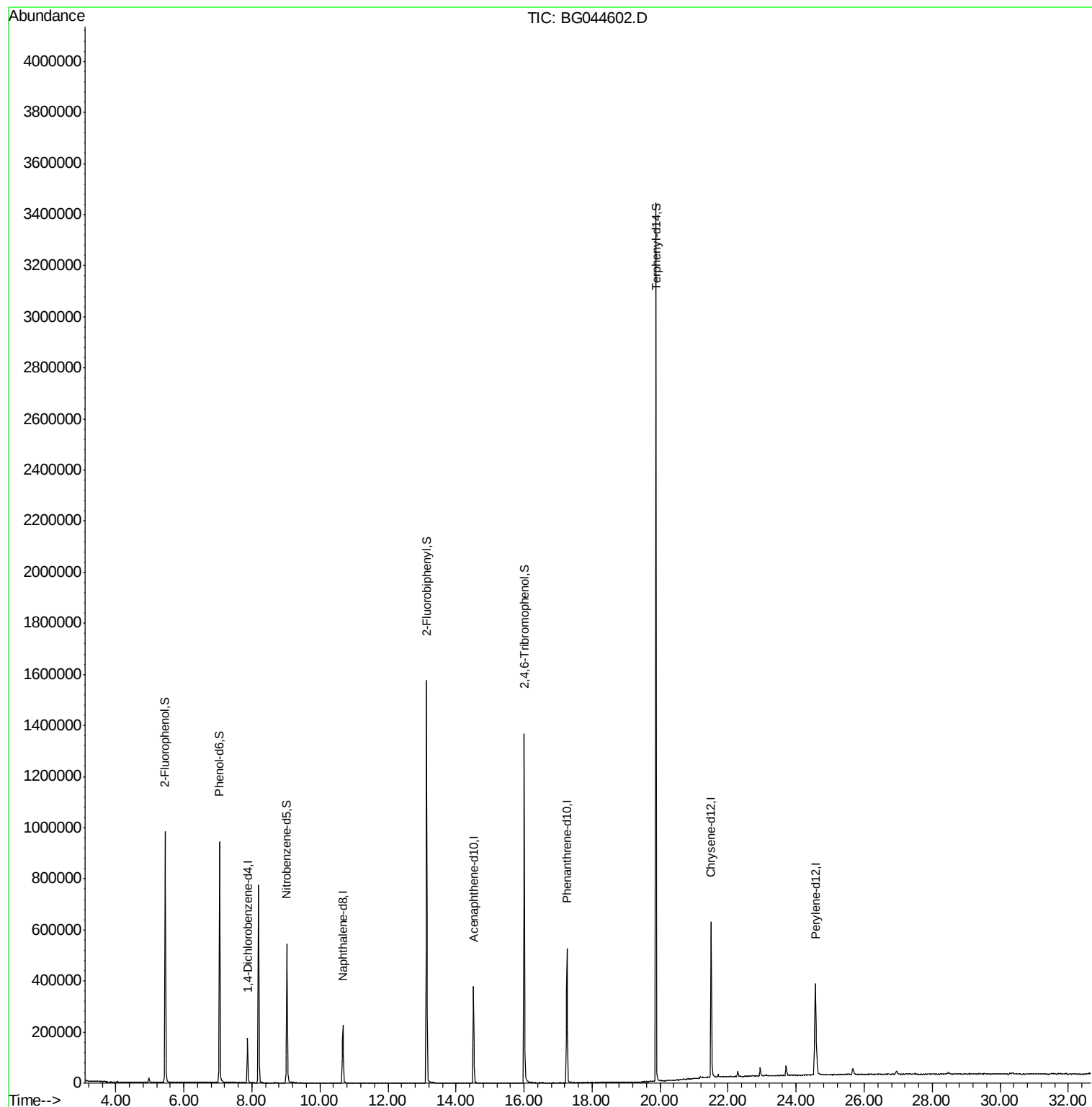
Target Compounds Qvalue

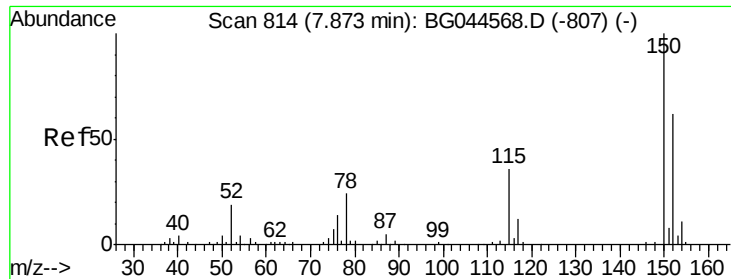
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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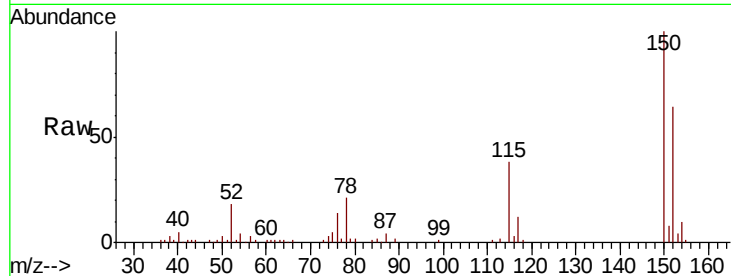


#1

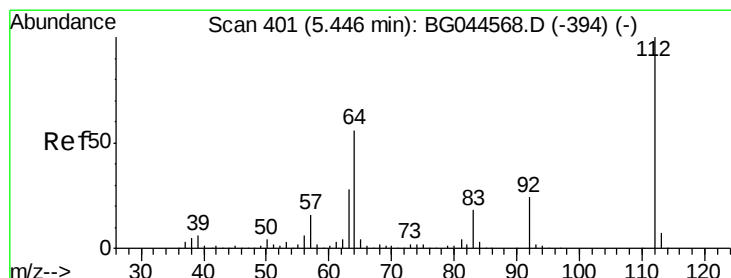
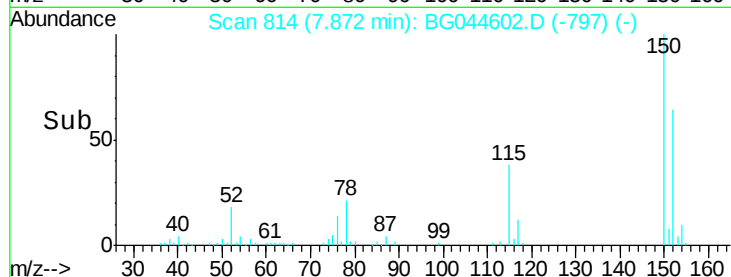
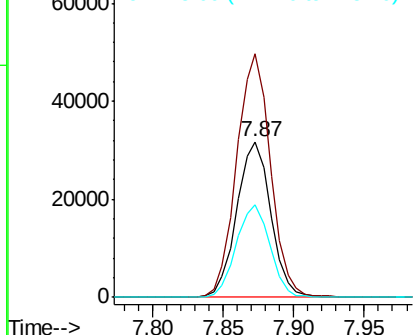
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044602.D
Acq: 26 Feb 2020 13:53

Instrument :
BNA_G
ClientSampleId :
PB127090BL

Tot Ion:152 Resp: 53558
Ion Ratio Lower Upper
152 100
150 156.5 128.9 193.3
115 59.6 47.0 70.4



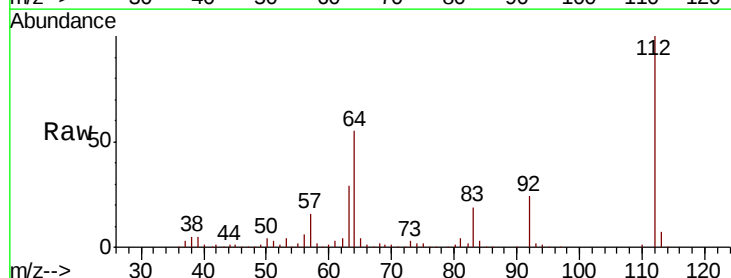
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



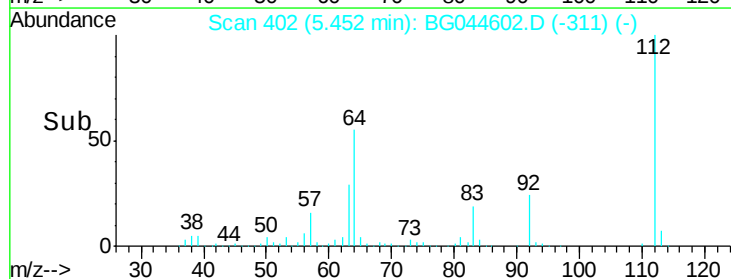
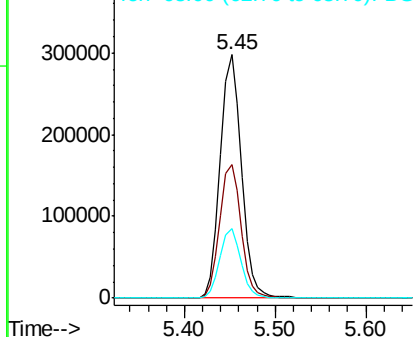
#5

2-Fluorophenol
Concen: 145.883 ng
RT: 5.45 min Scan# 402
Delta R.T. 0.01 min
Lab File: BG044602.D
Acq: 26 Feb 2020 13:53

Tgt Ion:112 Resp: 486965
Ion Ratio Lower Upper
112 100
64 54.8 44.8 67.2
63 28.8 22.3 33.5



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: 136.442 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044602.D

Acq: 26 Feb 2020 13:53

Instrument :

BNA_G

ClientSampleId :

PB127090BL

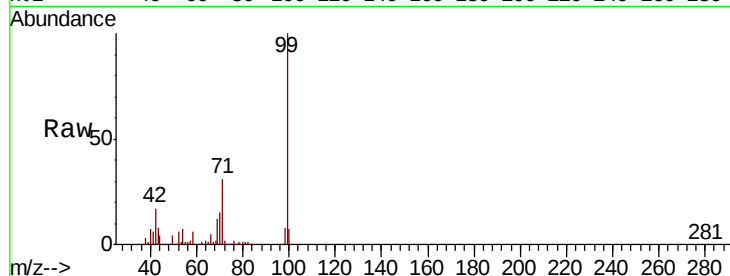
Tot Ion: 99 Resp: 623427

Ion Ratio Lower Upper

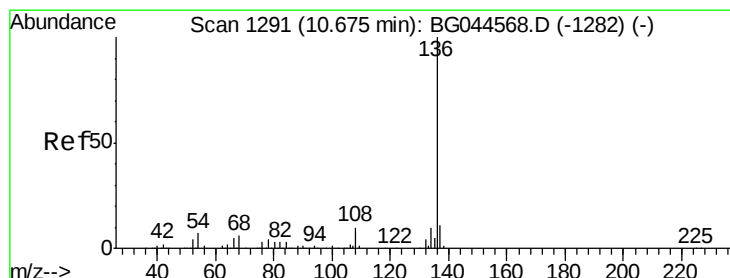
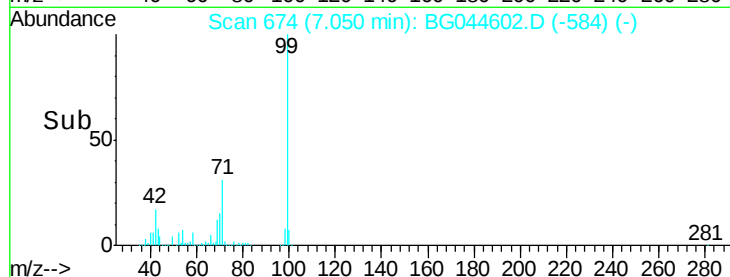
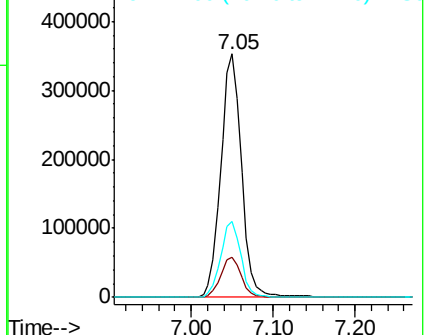
99 100

42 16.6 12.8 19.2

71 31.0 24.4 36.6



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: 10.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044602.D

Acq: 26 Feb 2020 13:53

Tgt Ion: 136 Resp: 222504

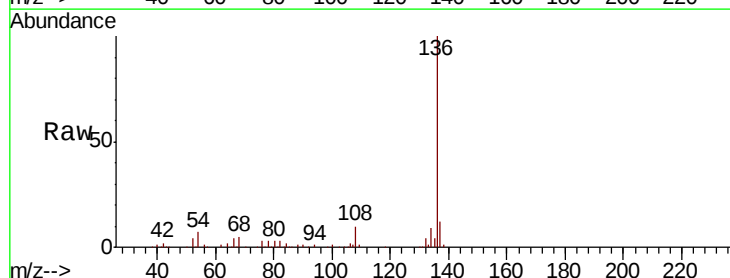
Ion Ratio Lower Upper

136 100

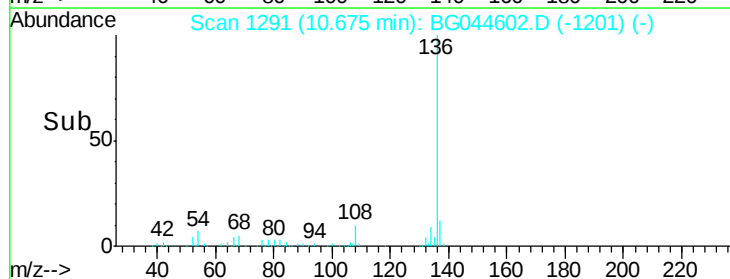
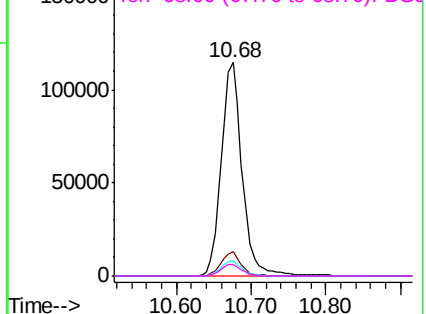
137 11.5 8.8 13.2

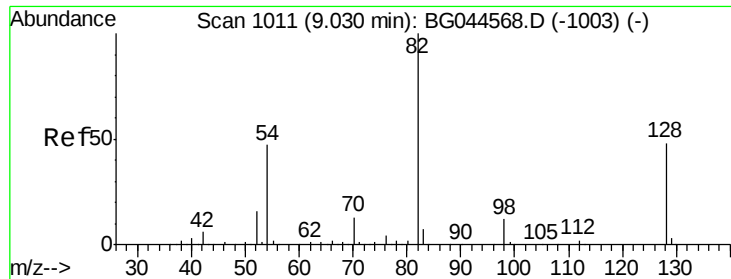
54 7.0 5.7 8.5

68 5.4 4.5 6.7



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

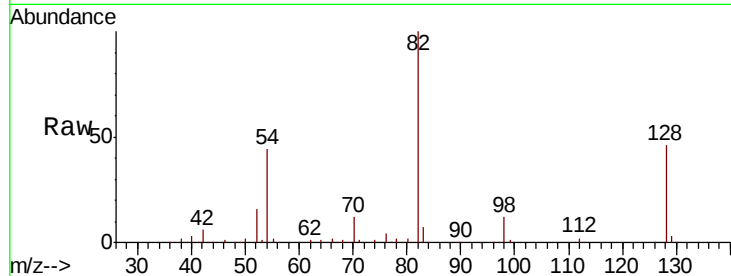




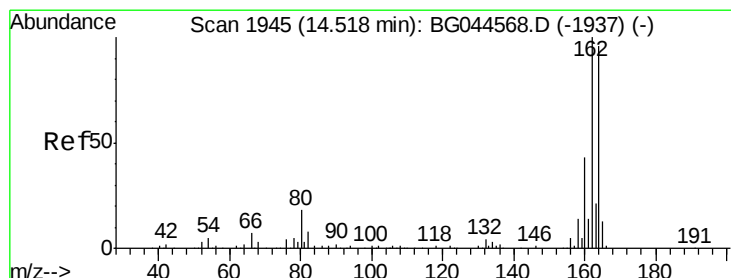
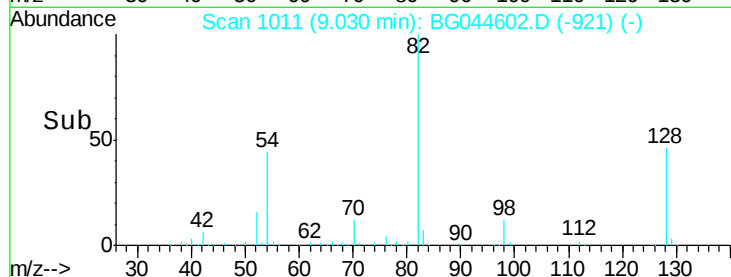
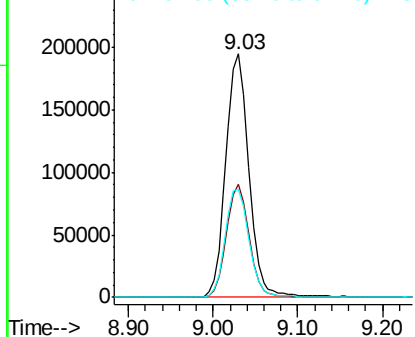
#23
 Nitrobenzene-d5
 Concen: 85.313 ng
 RT: 9.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG044602.D
 Acq: 26 Feb 2020 13:53

Instrument :
 BNA_G
 ClientSampleId :
 PB127090BL

Tot Ion	82	Resp	368459
Ion Ratio	Lower	Upper	
82	100		
128	46.2	38.1	57.1
54	44.5	37.5	56.3

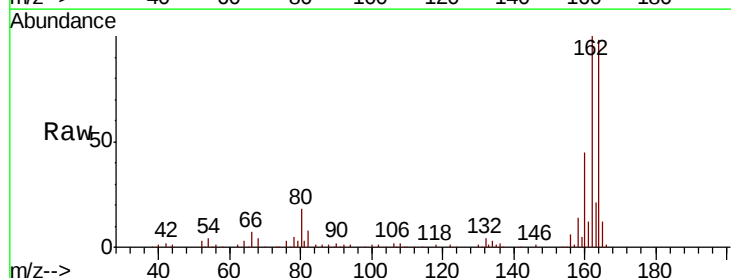


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

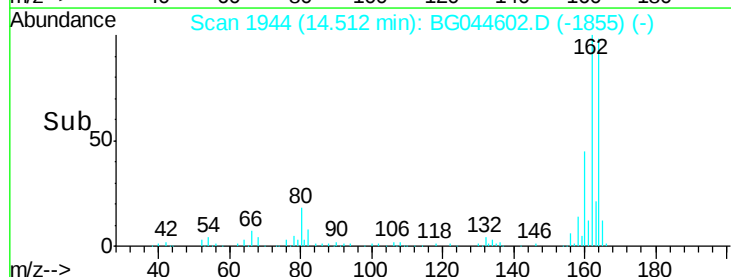
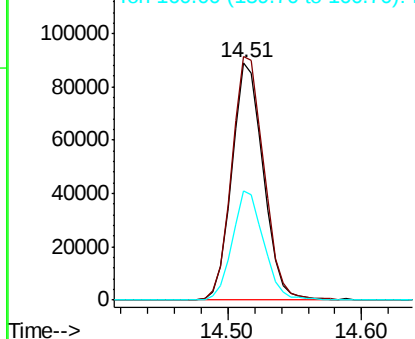


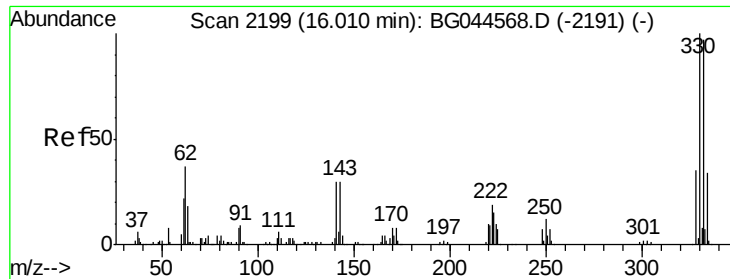
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG044602.D
 Acq: 26 Feb 2020 13:53

Tgt Ion	164	Resp	146134
Ion Ratio	Lower	Upper	
164	100		
162	102.4	83.6	125.4
160	46.0	36.2	54.4



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

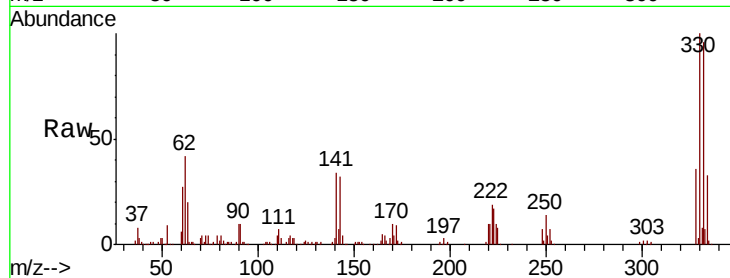




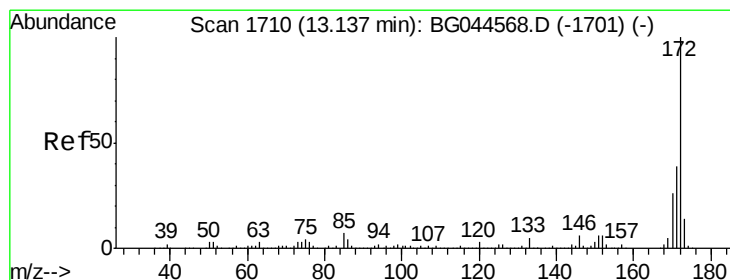
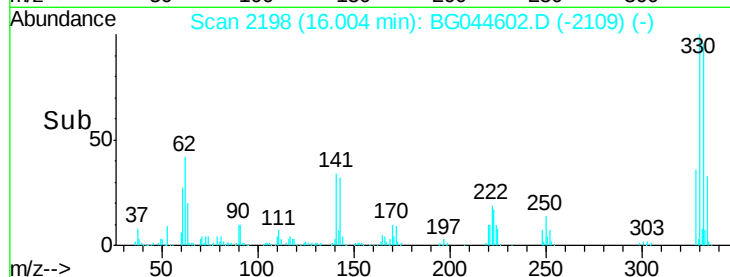
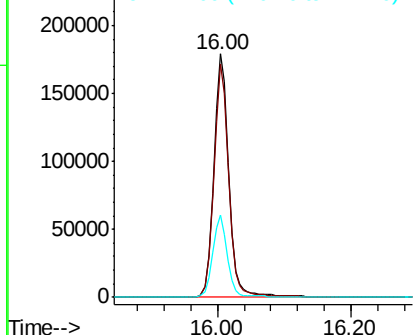
#42
 2,4,6-Tribromophenol
 Concen: 137.197 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG044602.D
 Acq: 26 Feb 2020 13:53

Instrument :
 BNA_G
 ClientSampleId :
 PB127090BL

Tot Ion:330 Resp: 284281
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.0
 141 33.0 26.1 39.1

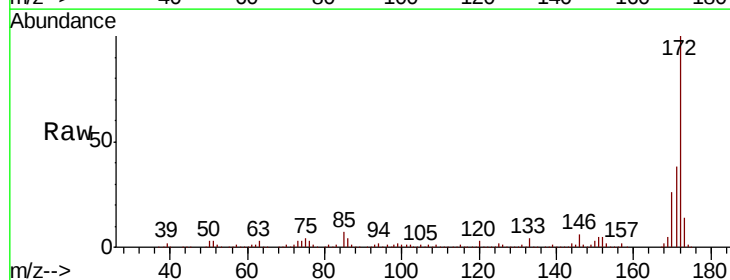


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

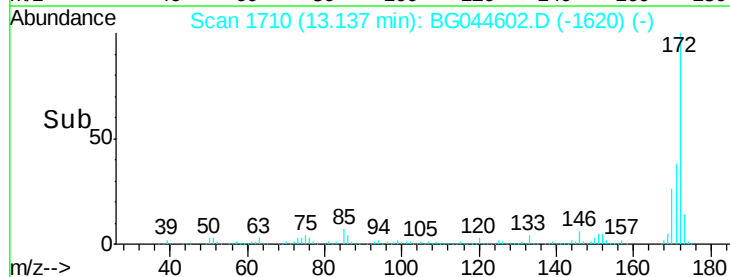
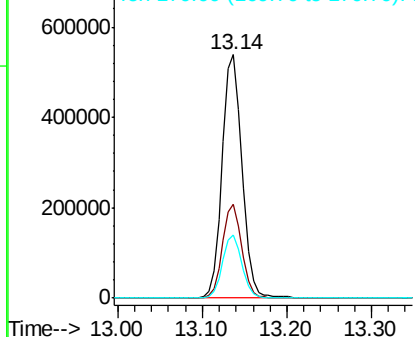


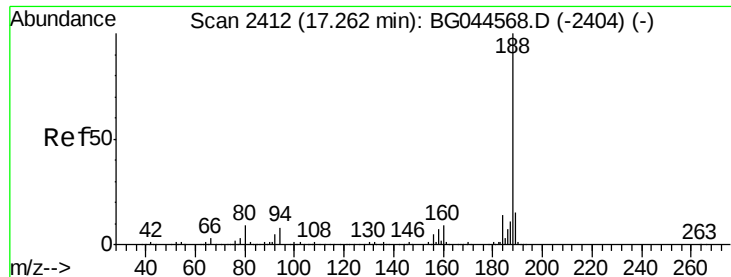
#45
 2-Fluorobiphenyl
 Concen: 86.340 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044602.D
 Acq: 26 Feb 2020 13:53

Tgt Ion:172 Resp: 881099
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.3 46.9
 170 25.8 21.0 31.4



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: 17.26 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG044602.D

Acq: 26 Feb 2020 13:53

Instrument :

BNA_G

ClientSampleId :

PB127090BL

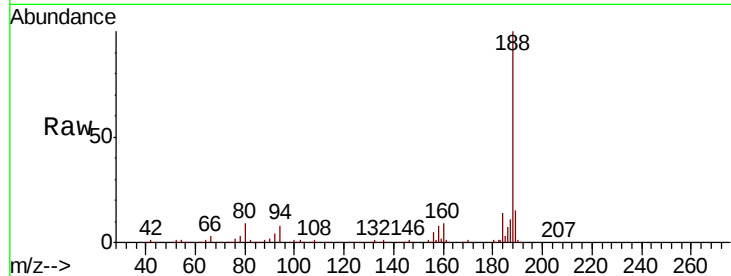
Tot Ion:188 Resp: 364002

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

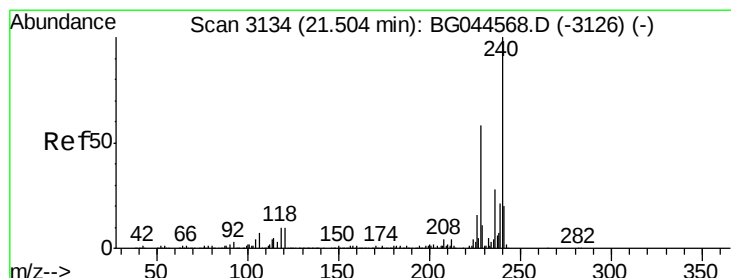
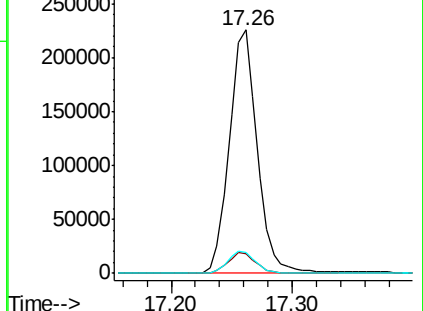
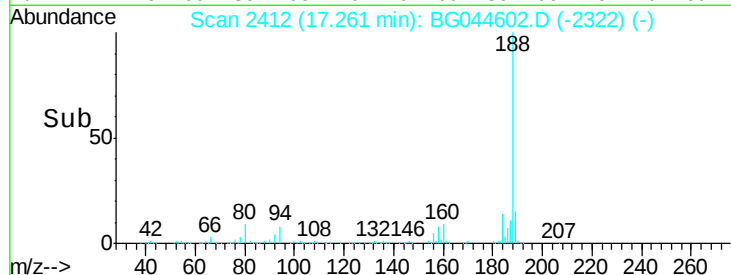
80 8.6 7.6 11.4



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: 21.50 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG044602.D

Acq: 26 Feb 2020 13:53

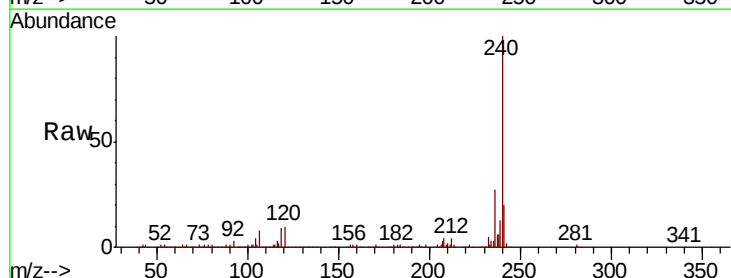
Tgt Ion:240 Resp: 379608

Ion Ratio Lower Upper

240 100

120 9.9 8.3 12.5

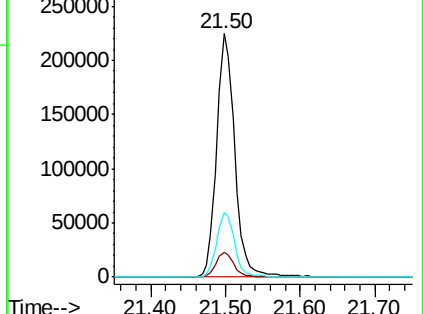
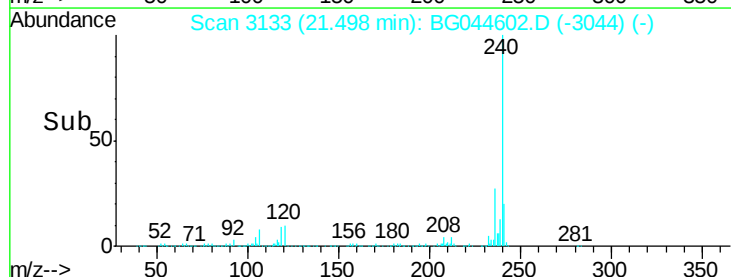
236 26.5 22.3 33.5

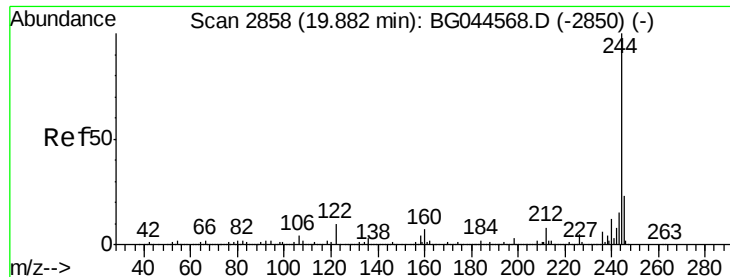


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.673 ng

RT: 19.88 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044602.D

Acq: 26 Feb 2020 13:53

Instrument :

BNA_G

ClientSampleId :

PB127090BL

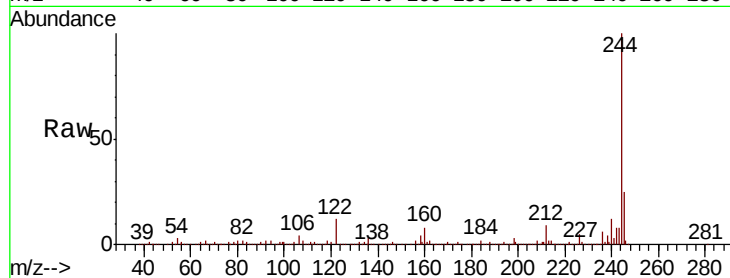
Tot Ion:244 Resp: 1657794

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

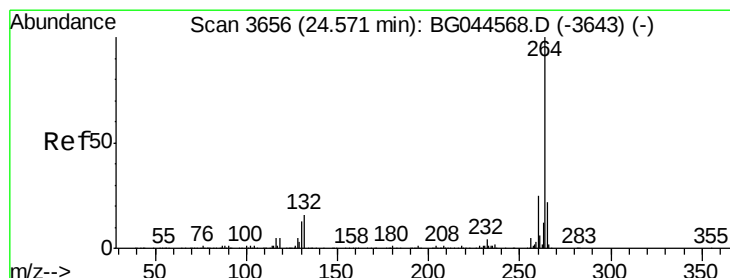
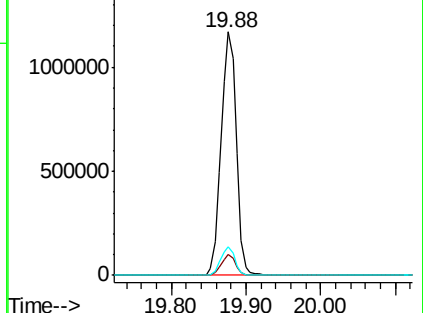
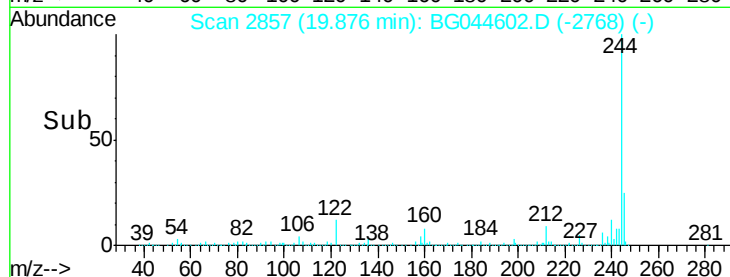
122 11.9 8.2 12.4



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: 24.56 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG044602.D

Acq: 26 Feb 2020 13:53

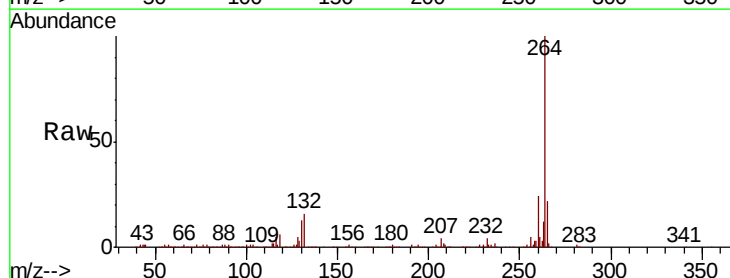
Tgt Ion:264 Resp: 386953

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 22.4 17.8 26.8



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

