

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
 Data File : BG044989.D
 Acq On : 15 Apr 2020 19:37
 Operator : CG/JU
 Sample : PB128245BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BL

Quant Time: Apr 16 05:13:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	64564	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	271064	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	197934	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	483985	20.00	ng	0.00
76) Chrysene-d12	21.66	240	553077	20.00	ng	0.00
87) Perylene-d12	24.85	264	591615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	547355	139.96	ng	0.00
7) Phenol-d6	7.18	99	746372	128.46	ng	0.00
23) Nitrobenzene-d5	9.18	82	519105	87.38	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	407250	133.18	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1226798	90.88	ng	0.00
79) Terphenyl-d14	20.01	244	2370164	93.40	ng	0.00

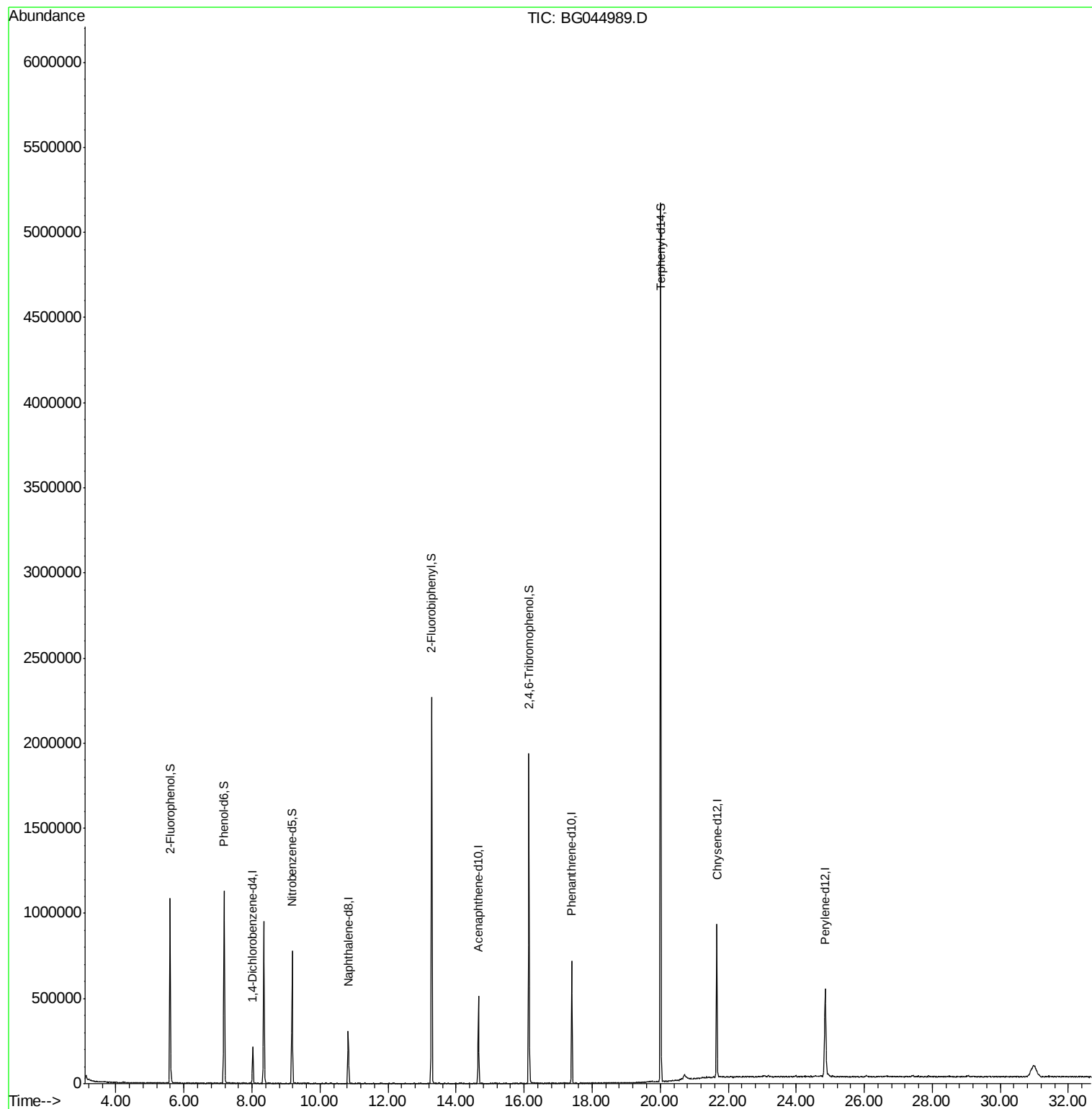
Target Compounds Qvalue

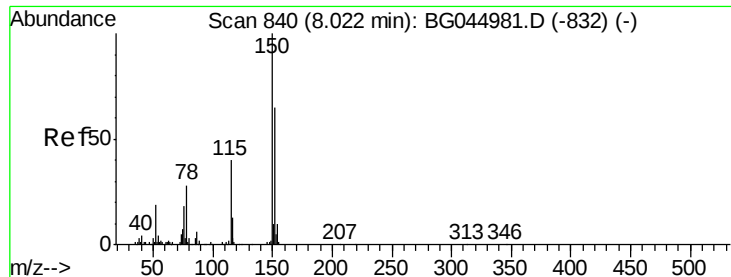
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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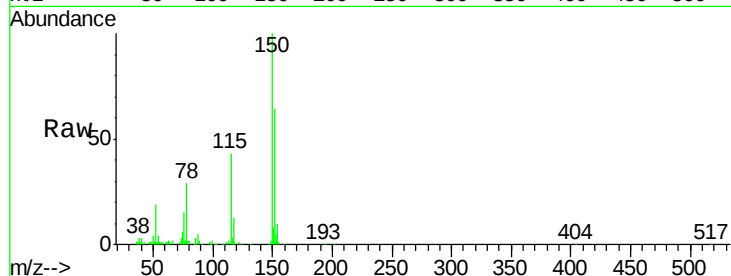


#1

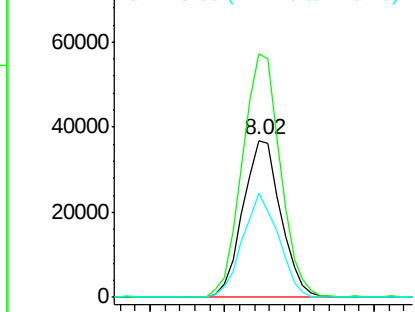
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG044989.D
Acq: 15 Apr 2020 19:37

Instrument :
BNA_G
ClientSampleId :
PB128245BL

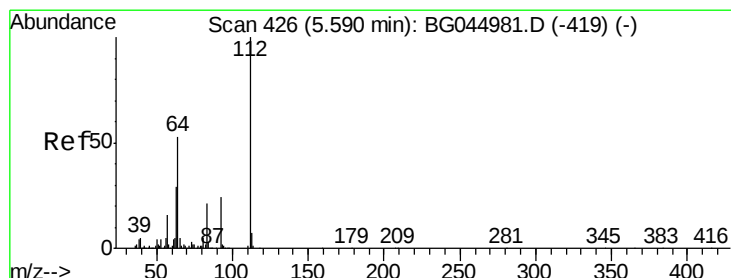
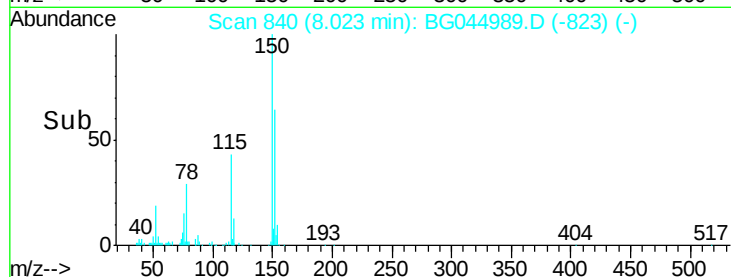
Tot Ion:152 Resp: 64564
Ion Ratio Lower Upper
152 100
150 155.2 123.6 185.4
115 66.1 49.1 73.7



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



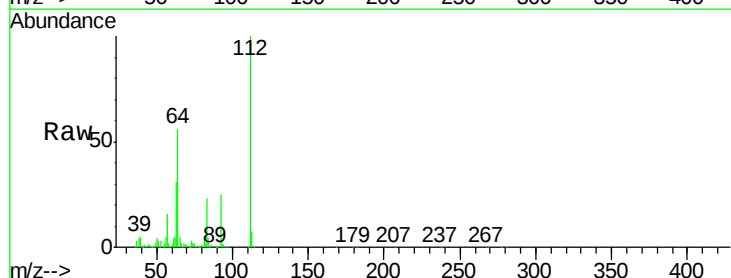
Time-->



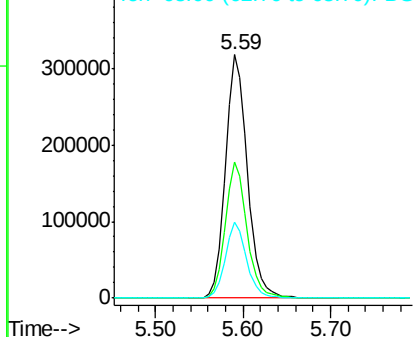
#5

2-Fluorophenol
Concen: 139.962 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG044989.D
Acq: 15 Apr 2020 19:37

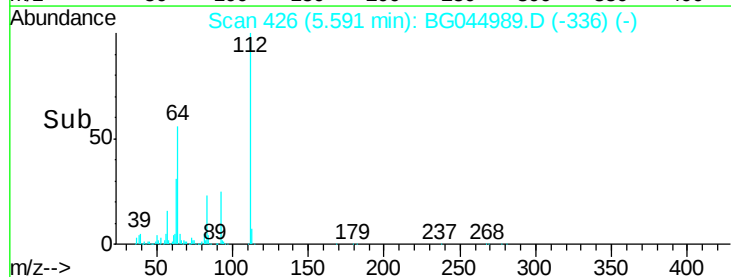
Tgt Ion:112 Resp: 547355
Ion Ratio Lower Upper
112 100
64 55.7 42.4 63.6
63 31.2 23.1 34.7

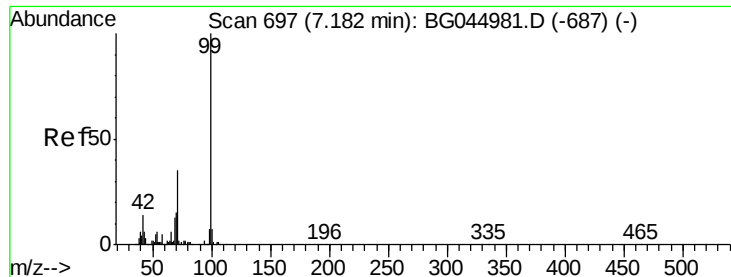


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 128.455 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG044989.D

Acq: 15 Apr 2020 19:37

Instrument :

BNA_G

ClientSampled :

PB128245BL

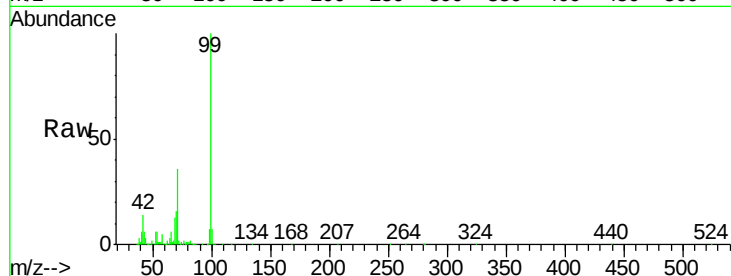
Tot Ion: 99 Resp: 746372

Ion Ratio Lower Upper

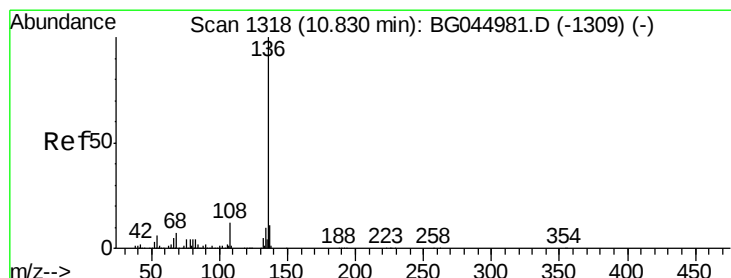
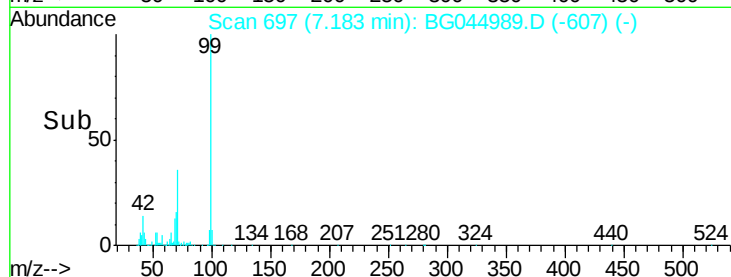
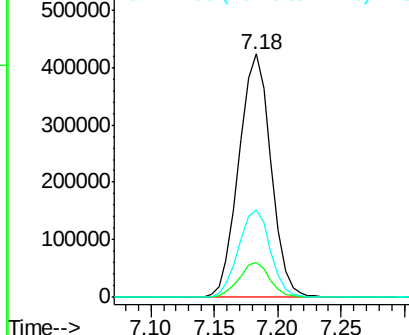
99 100

42 14.4 11.3 16.9

71 36.1 28.3 42.5



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: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG044989.D

Acq: 15 Apr 2020 19:37

Tgt Ion: 136 Resp: 271064

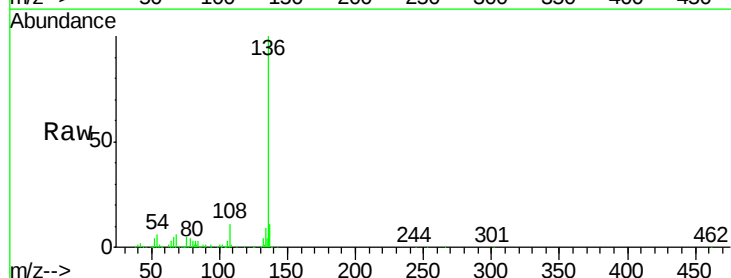
Ion Ratio Lower Upper

136 100

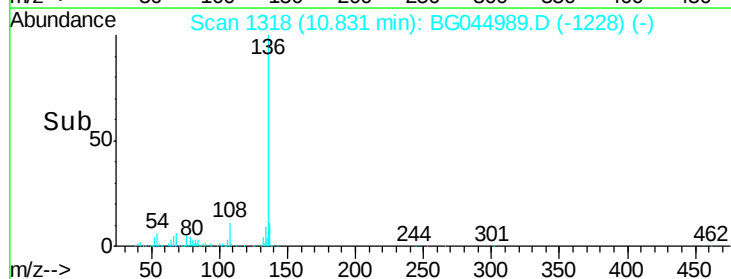
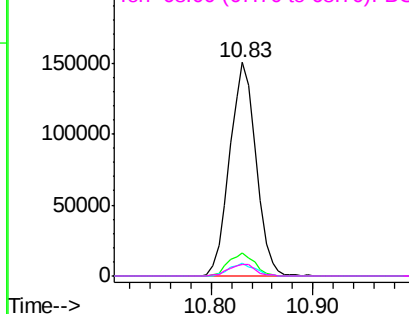
137 11.0 8.6 13.0

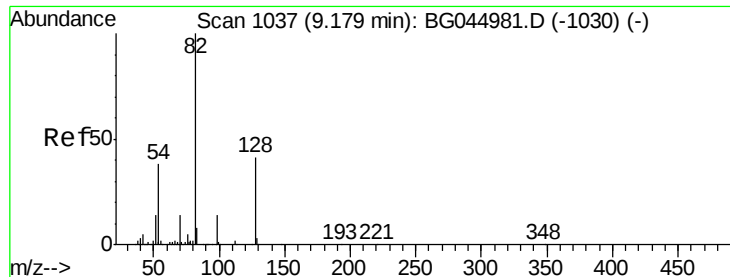
54 5.7 4.8 7.2

68 5.6 5.2 7.8



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

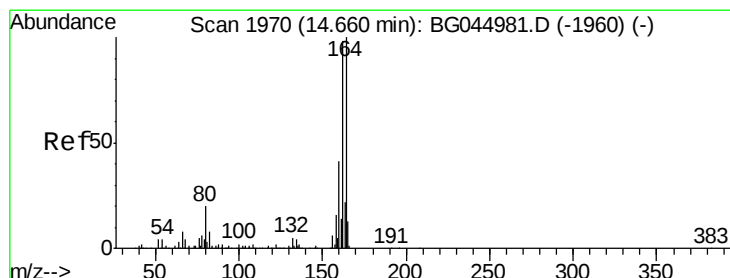
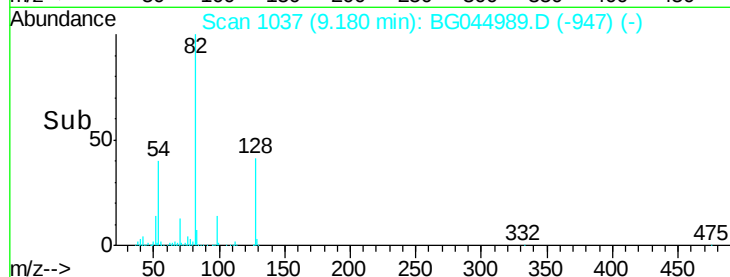
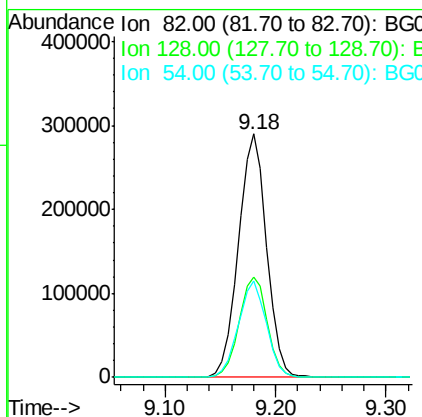
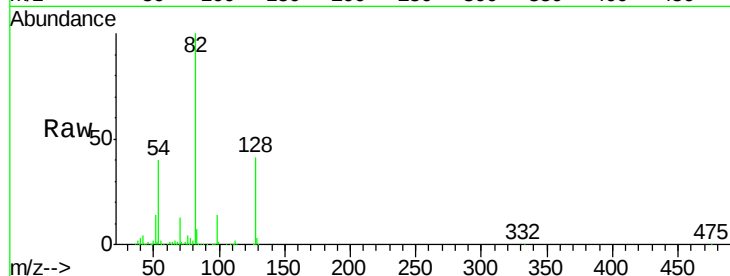




#23
 Nitrobenzene-d5
 Concen: 87.382 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG044989.D
 Acq: 15 Apr 2020 19:37

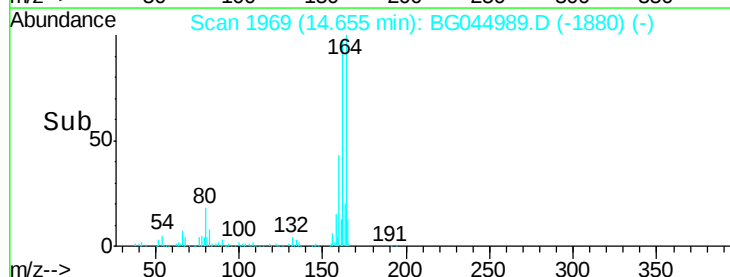
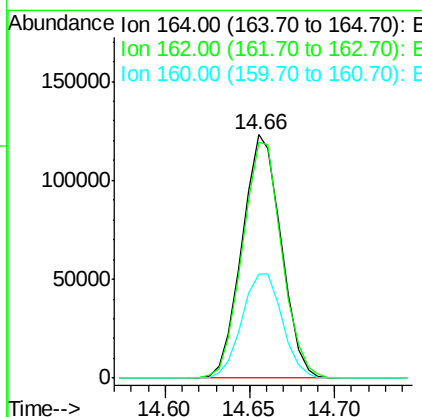
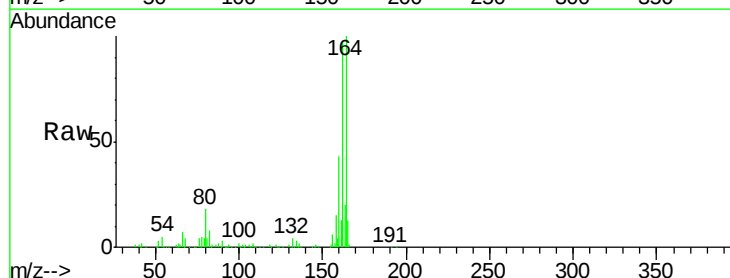
Instrument :
 BNA_G
 ClientSampleId :
 PB128245BL

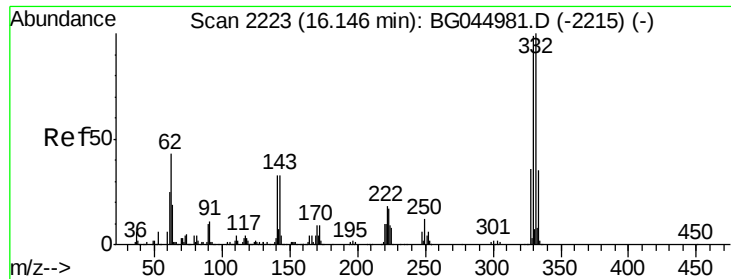
Tot Ion	82	Resp	519105
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.0	49.4
54	39.8	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG044989.D
 Acq: 15 Apr 2020 19:37

Tgt Ion	164	Resp	197934
Ion Ratio	Lower	Upper	
164	100		
162	96.7	78.7	118.1
160	42.6	32.8	49.2

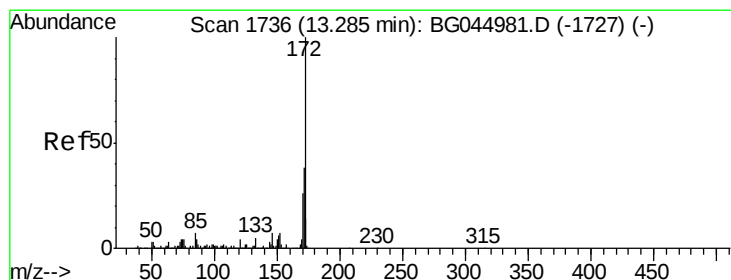
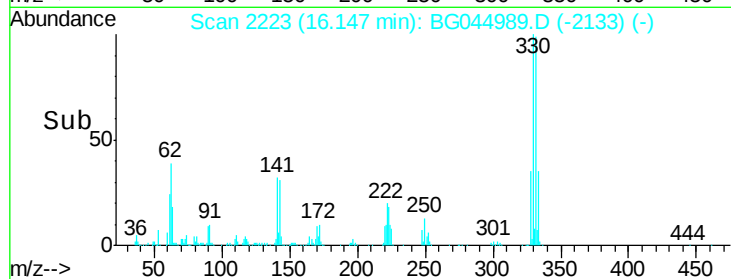
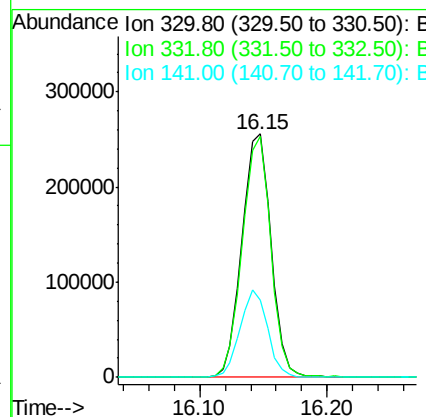
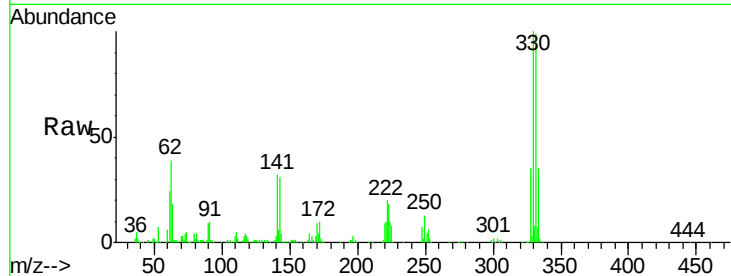




#42
 2,4,6-Tribromophenol
 Concen: 133.183 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG044989.D
 Acq: 15 Apr 2020 19:37

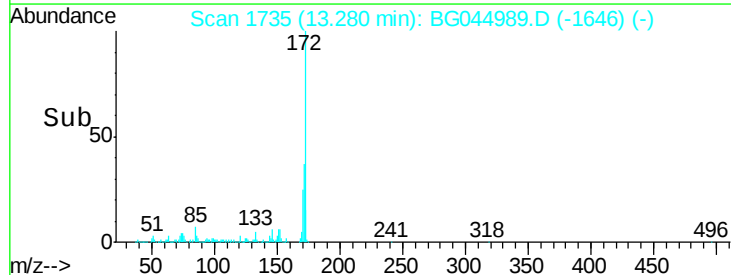
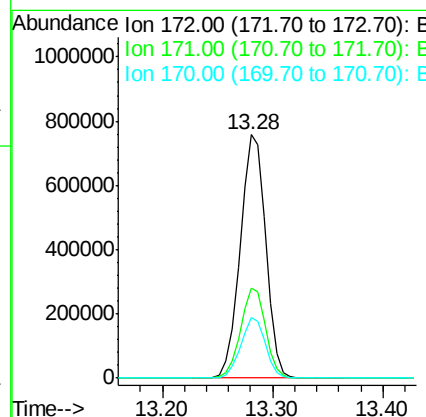
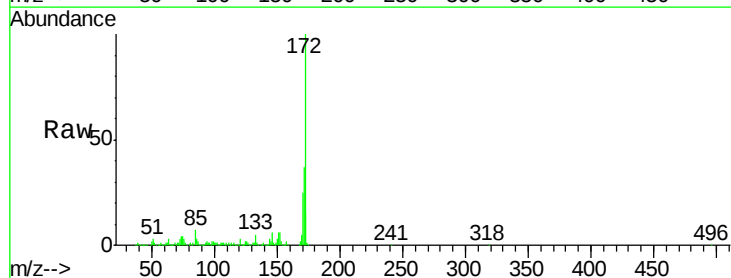
Instrument :
 BNA_G
 ClientSampleId :
 PB128245BL

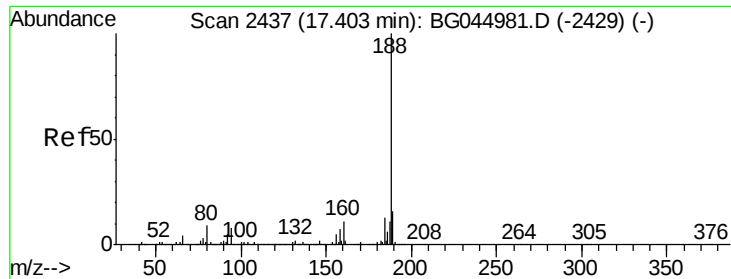
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.1	118.7
141	34.1	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 90.883 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG044989.D
 Acq: 15 Apr 2020 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	46.0
170	24.9	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG044989.D

Acq: 15 Apr 2020 19:37

Instrument :

BNA_G

ClientSampleId :

PB128245BL

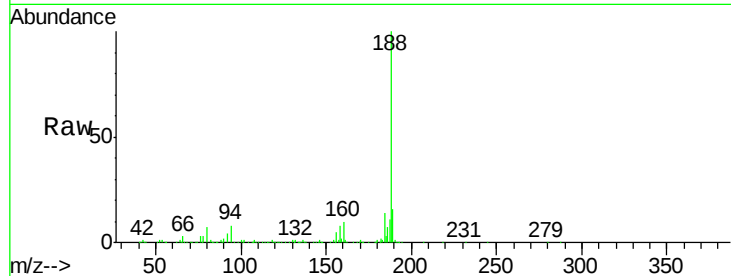
Tot Ion:188 Resp: 483985

Ion Ratio Lower Upper

188 100

94 7.7 6.2 9.4

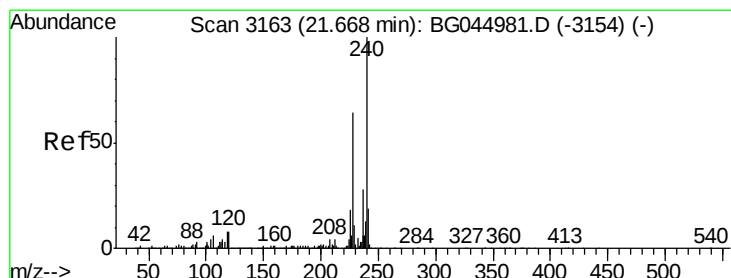
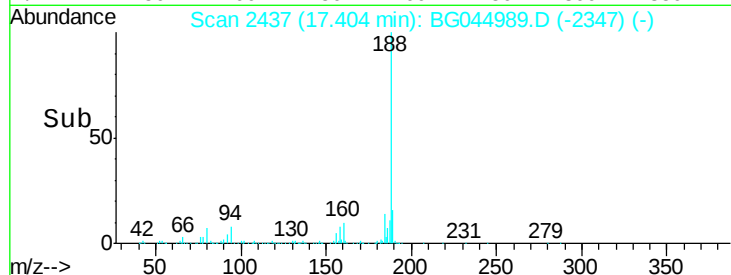
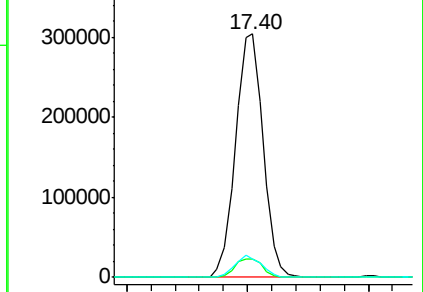
80 7.3 7.0 10.6



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: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG044989.D

Acq: 15 Apr 2020 19:37

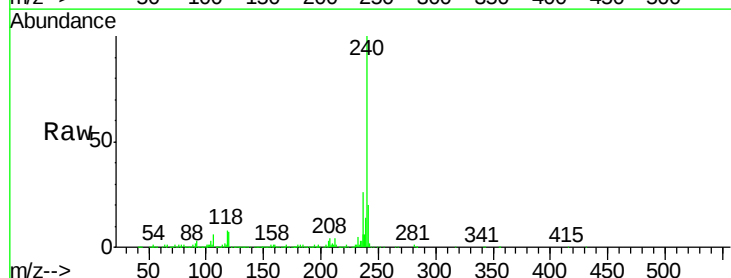
Tgt Ion:240 Resp: 553077

Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

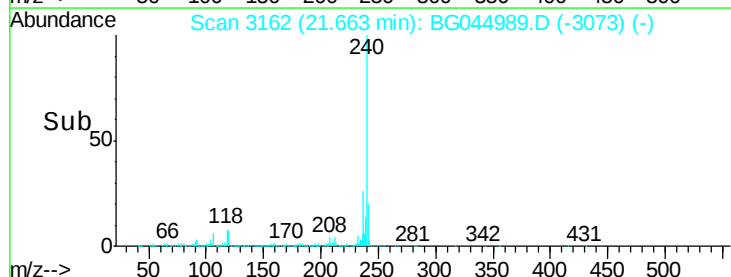
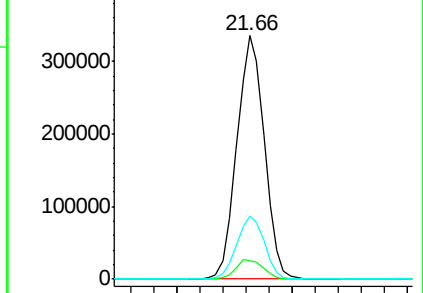
236 25.9 22.2 33.2

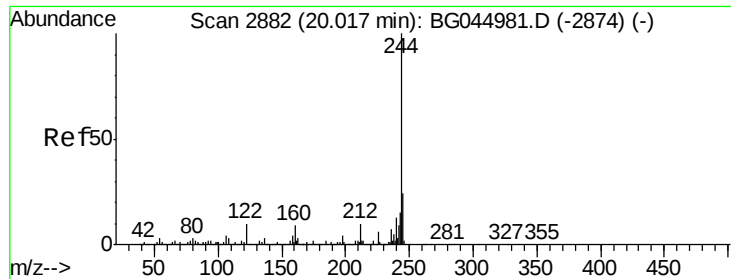


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

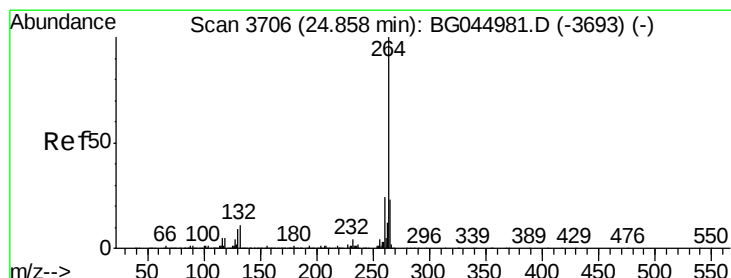
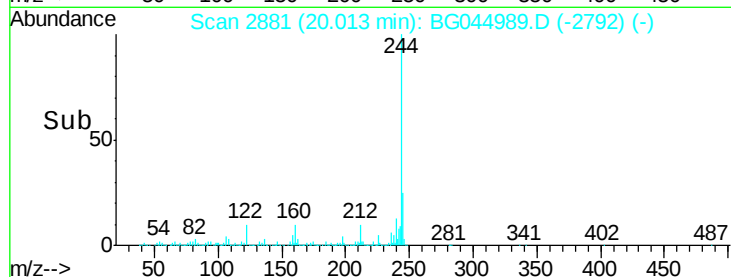
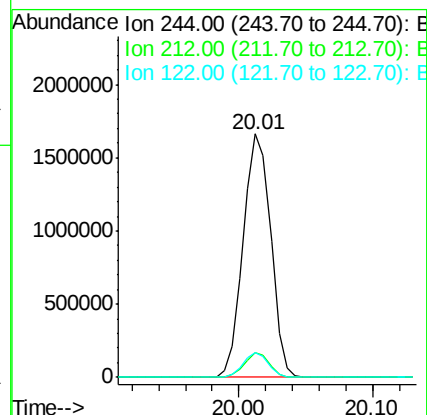
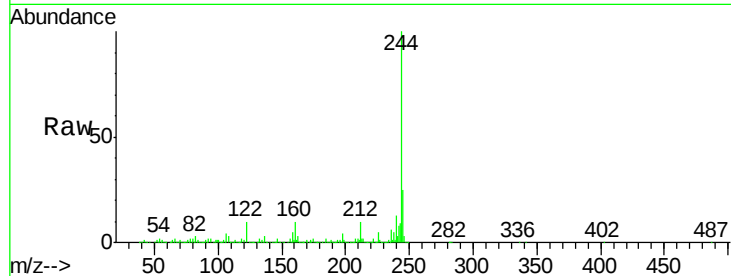




#79
 Terphenyl-d14
 Concen: 93.403 ng
 RT: 20.01 min Scan# 2881
 Delta R.T. -0.00 min
 Lab File: BG044989.D
 Acq: 15 Apr 2020 19:37

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BL

Tot Ion:244 Resp: 2370164
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.9 11.9
 122 10.0 7.7 11.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3705
 Delta R.T. -0.00 min
 Lab File: BG044989.D
 Acq: 15 Apr 2020 19:37

Tgt Ion:264 Resp: 591615
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.3 19.0 28.4

