

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045043.D
 Acq On : 17 Apr 2020 23:07
 Operator : CG/JU
 Sample : PB128298BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BL

Quant Time: Apr 18 02:31:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	60645	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	270178	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	217614	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	523822	20.00	ng	0.00
76) Chrysene-d12	21.66	240	513252	20.00	ng	0.00
87) Perylene-d12	24.85	264	532736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	489450	133.24	ng	0.00
7) Phenol-d6	7.18	99	749184	137.27	ng	0.00
23) Nitrobenzene-d5	9.18	82	566933	95.75	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	490421	145.88	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1410400	95.04	ng	0.00
79) Terphenyl-d14	20.01	244	2389022	101.45	ng	0.00

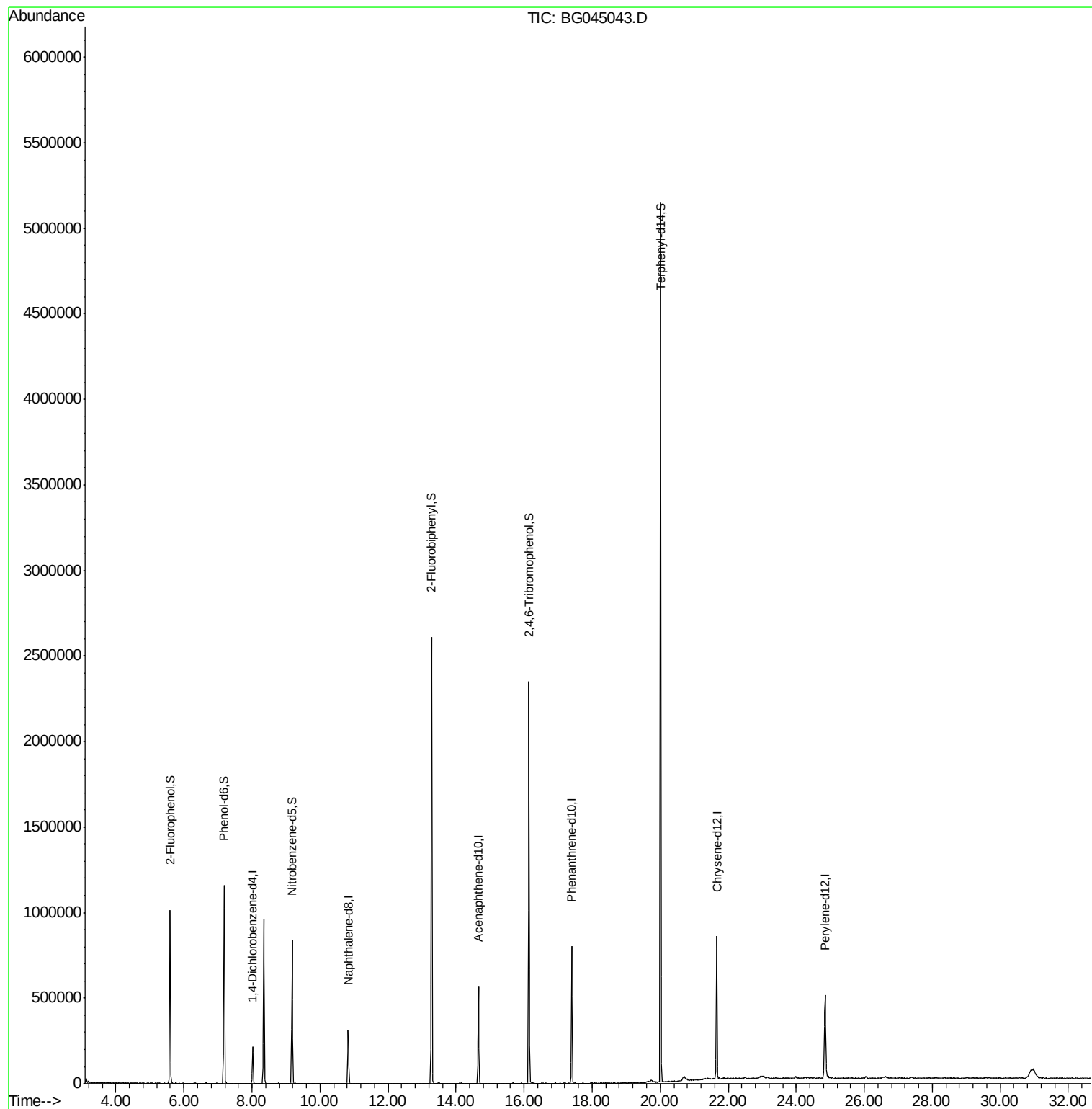
Target Compounds Qvalue

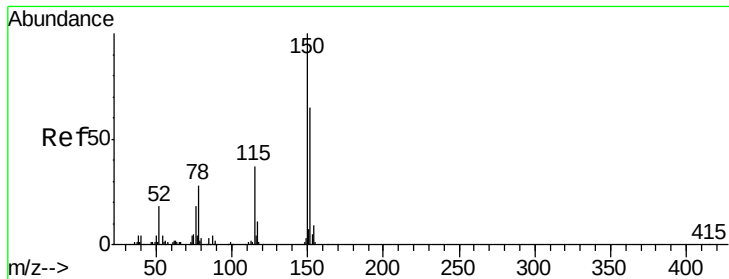
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045043.D
Acq On : 17 Apr 2020 23:07
Operator : CG/JU
Sample : PB128298BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128298BL

Quant Time: Apr 18 02:31:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

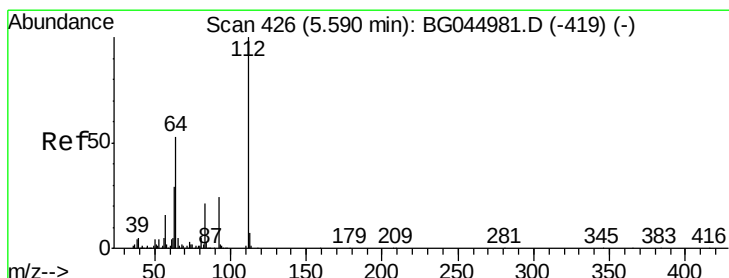
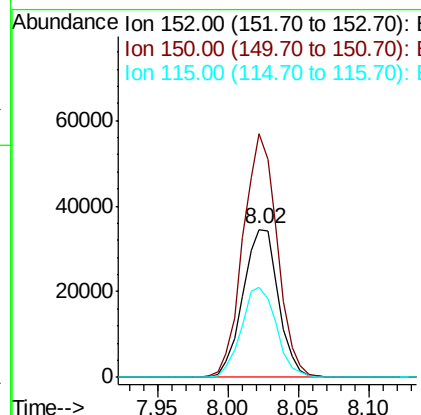
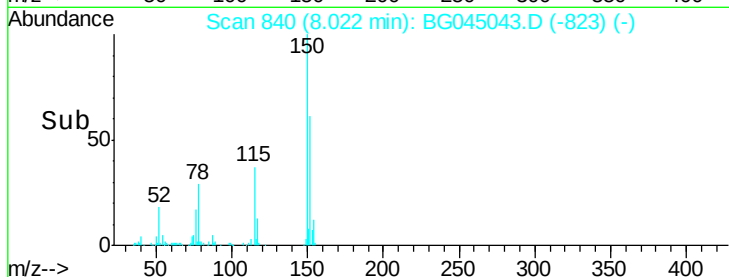
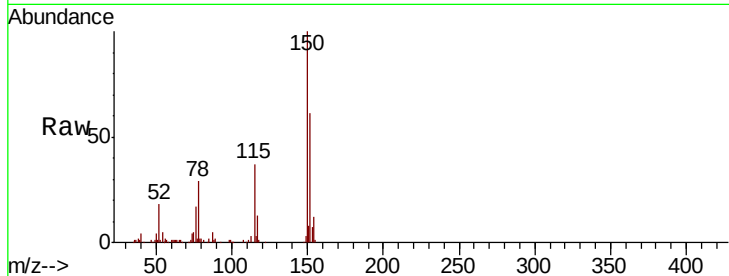




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045043.D
 Acq: 17 Apr 2020 23:07

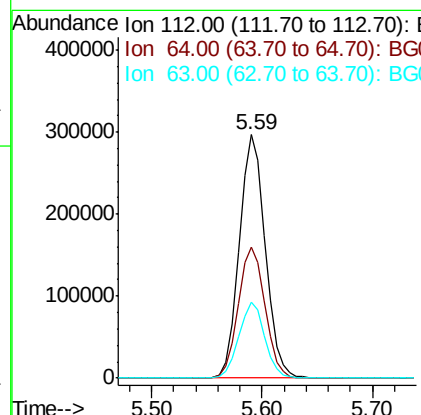
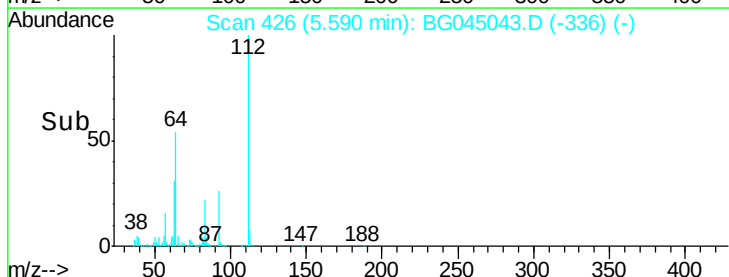
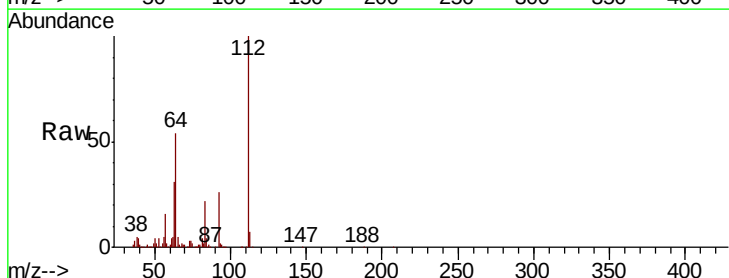
Instrument :
 BNA_G
 ClientSampleId :
 PB128298BL

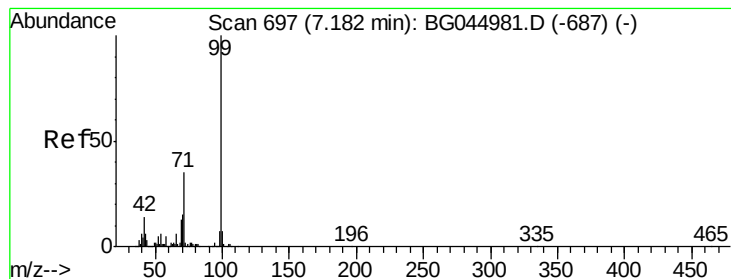
Tot Ion:	152	Resp:	60645
Ion	Ratio	Lower	Upper
152	100		
150	164.3	123.6	185.4
115	60.8	49.1	73.7



#5
 2-Fluorophenol
 Concen: 133.244 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG045043.D
 Acq: 17 Apr 2020 23:07

Tgt Ion:	112	Resp:	489450
Ion	Ratio	Lower	Upper
112	100		
64	54.0	42.4	63.6
63	31.4	23.1	34.7





#7

Phenol-d6

Concen: 137.272 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045043.D

Acq: 17 Apr 2020 23:07

Instrument :

BNA_G

ClientSampleId :

PB128298BL

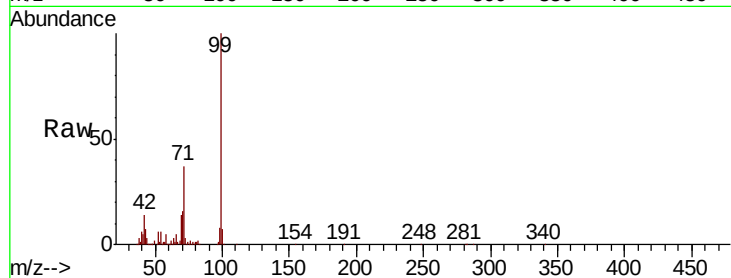
Tot Ion: 99 Resp: 749184

Ion Ratio Lower Upper

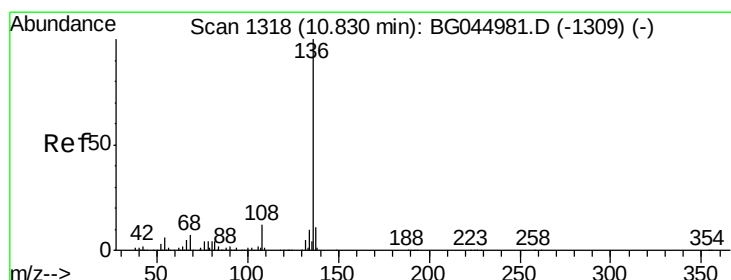
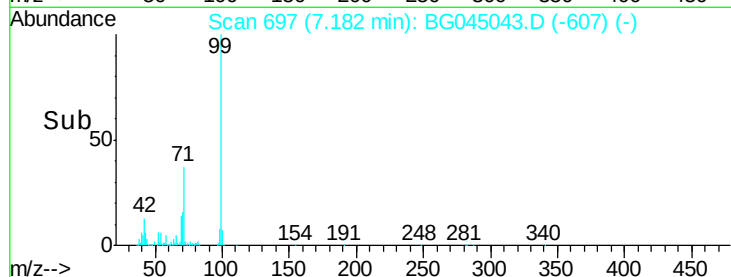
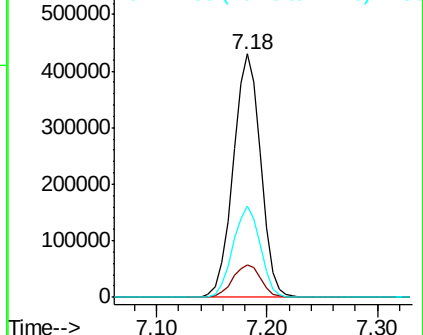
99 100

42 13.5 11.3 16.9

71 37.3 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: BG045043.D

Acq: 17 Apr 2020 23:07

Tgt Ion: 136 Resp: 270178

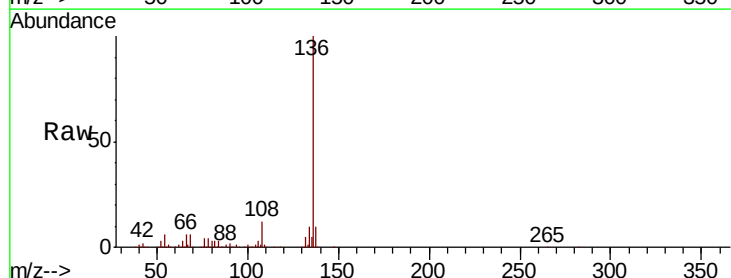
Ion Ratio Lower Upper

136 100

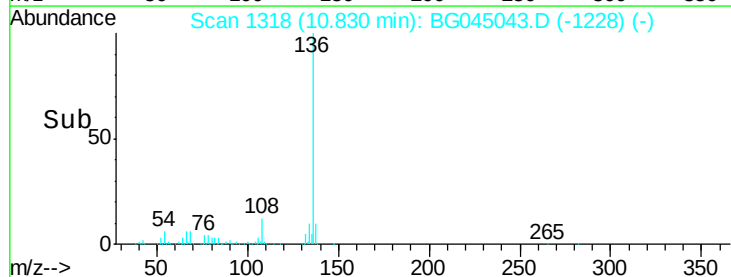
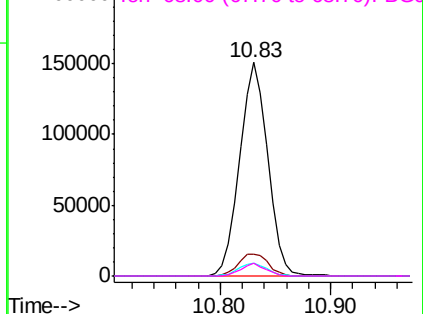
137 9.9 8.6 13.0

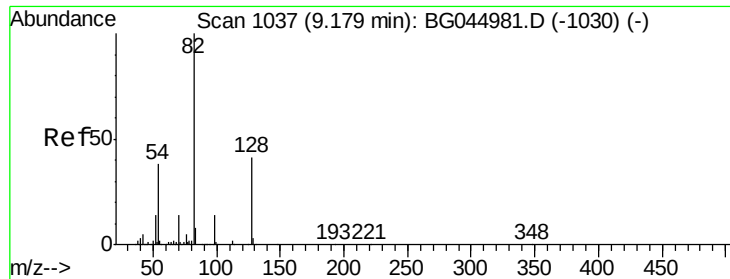
54 6.2 4.8 7.2

68 6.2 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

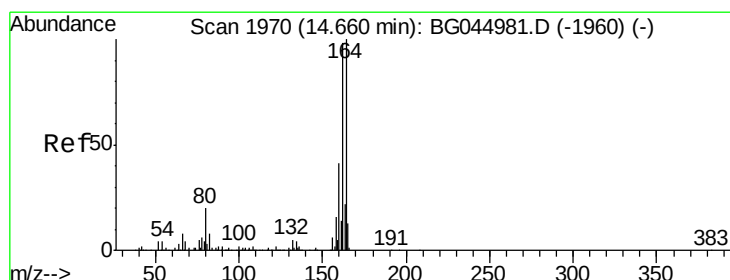
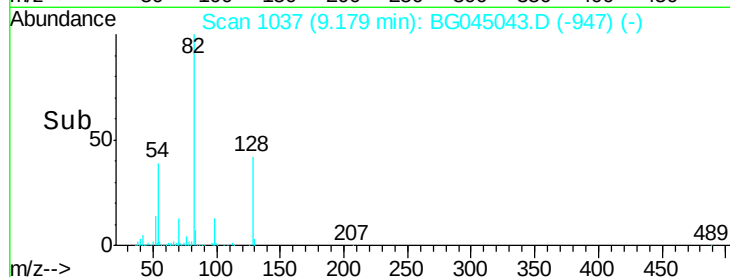
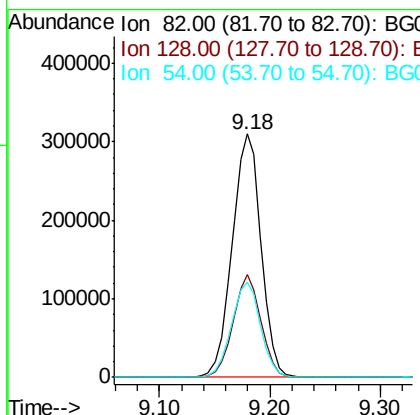
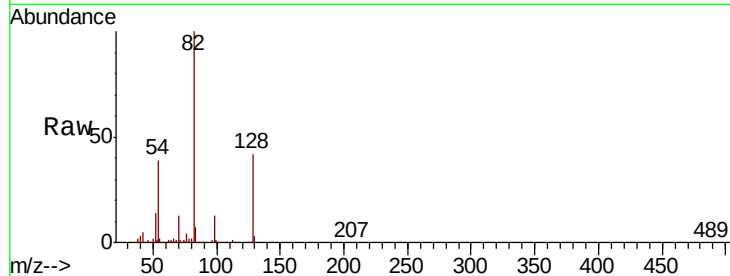




#23
 Nitrobenzene-d5
 Concen: 95.746 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045043.D
 Acq: 17 Apr 2020 23:07

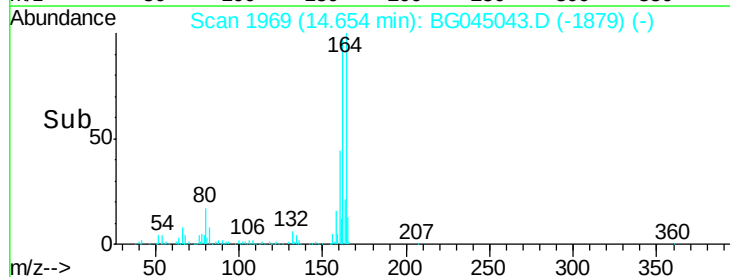
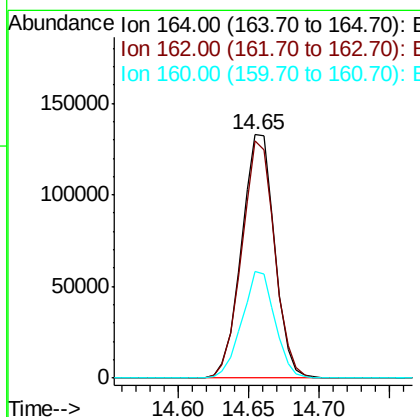
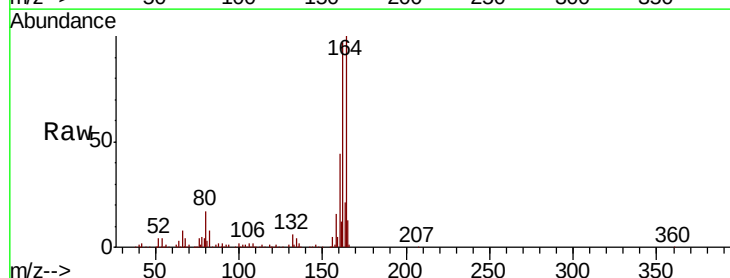
Instrument :
 BNA_G
 ClientSampleId :
 PB128298BL

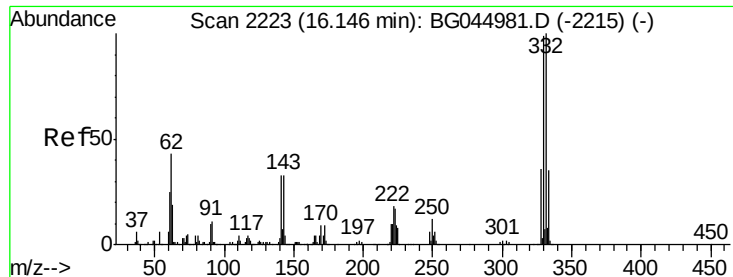
Tot Ion	82	Resp	566933
Ion Ratio	Lower	Upper	
82	100		
128	42.1	33.0	49.4
54	38.9	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045043.D
 Acq: 17 Apr 2020 23:07

Tgt Ion	164	Resp	217614
Ion Ratio	Lower	Upper	
164	100		
162	97.4	78.7	118.1
160	43.7	32.8	49.2

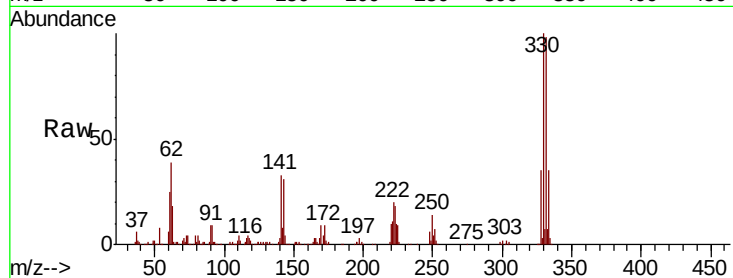




#42
 2,4,6-Tribromophenol
 Concen: 145.878 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG045043.D
 Acq: 17 Apr 2020 23:07

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.1	118.7
141	34.3	27.1	40.7

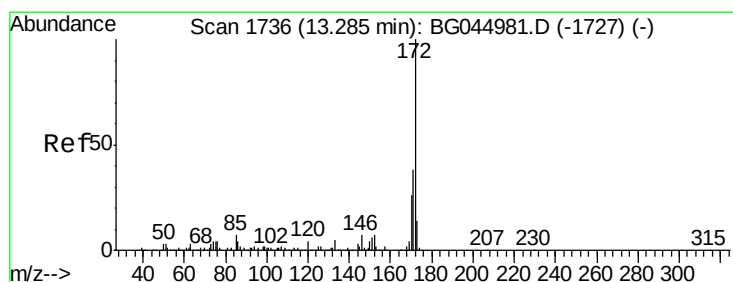
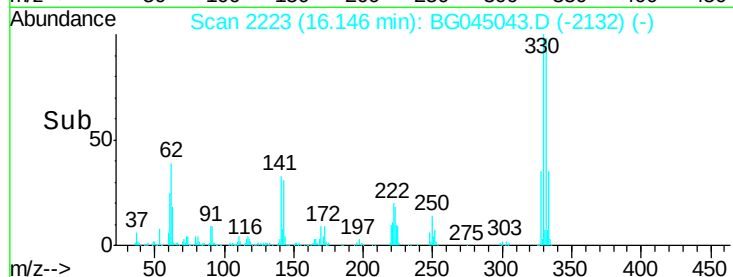
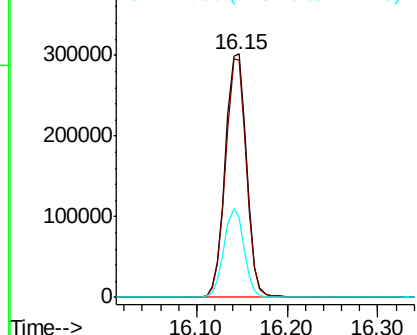


Abundance

Ion 329.80 (329.50 to 330.50): E

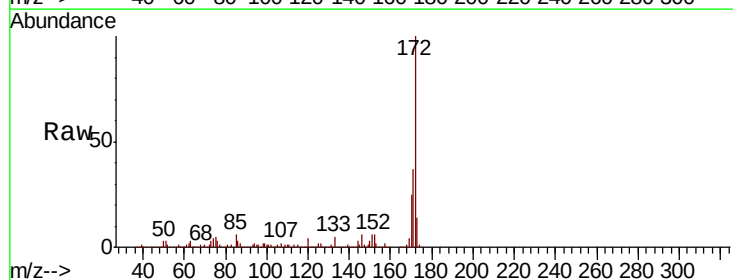
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.035 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045043.D
 Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	46.0
170	24.6	20.5	30.7

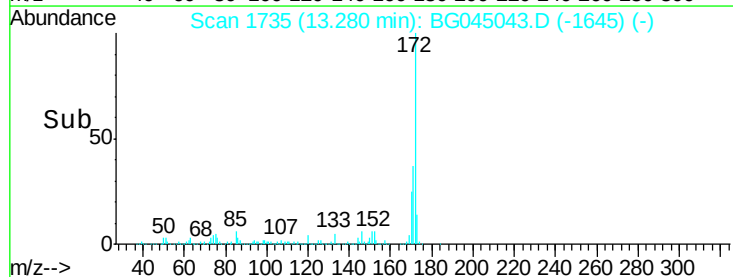
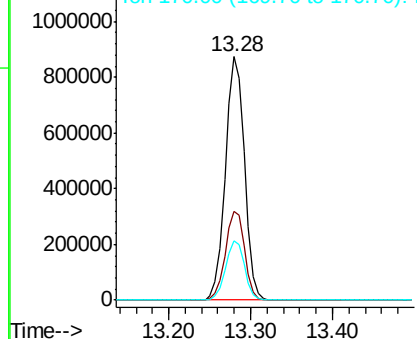


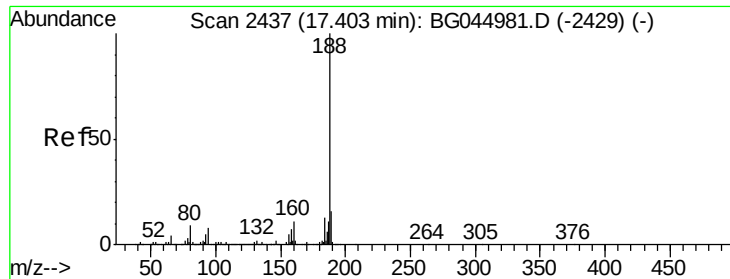
Abundance

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: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045043.D

Acq: 17 Apr 2020 23:07

Instrument :

BNA_G

ClientSampleId :

PB128298BL

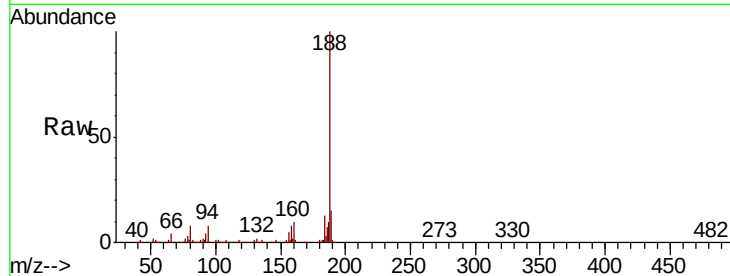
Tot Ion:188 Resp: 523822

Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.4

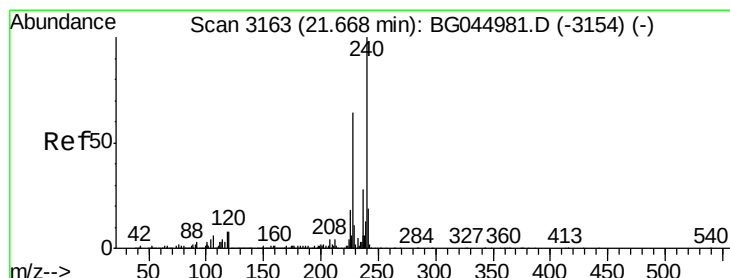
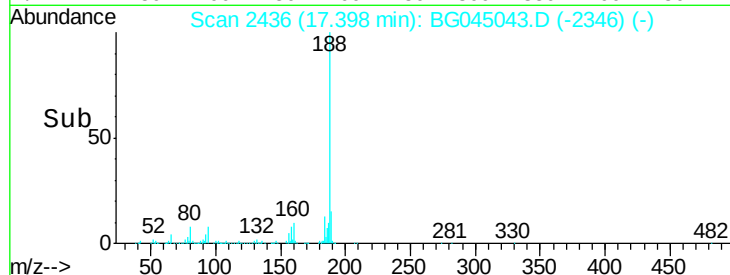
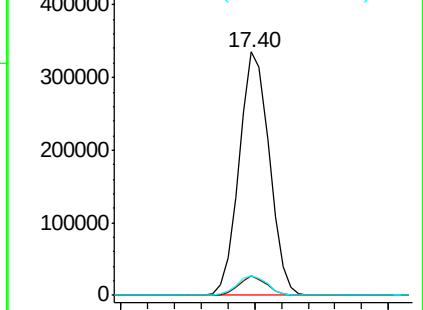
80 8.1 7.0 10.6



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: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG045043.D

Acq: 17 Apr 2020 23:07

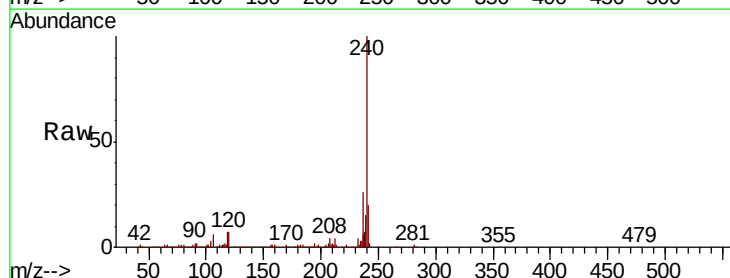
Tgt Ion:240 Resp: 513252

Ion Ratio Lower Upper

240 100

120 6.8 6.6 10.0

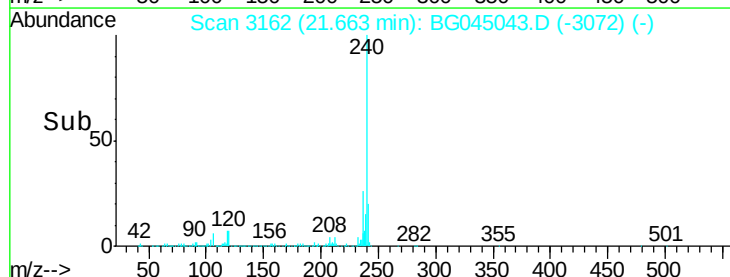
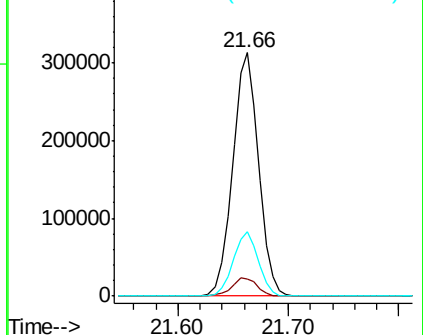
236 26.3 22.2 33.2

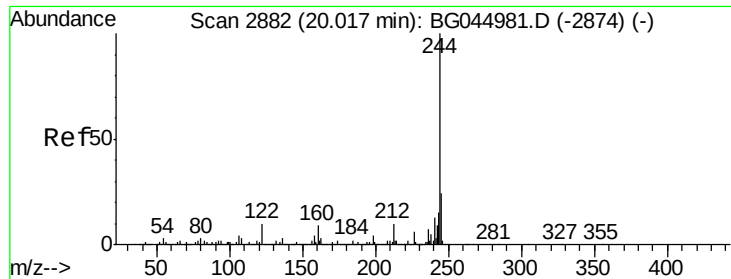


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.452 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045043.D

Acq: 17 Apr 2020 23:07

Instrument :

BNA_G

ClientSampleId :

PB128298BL

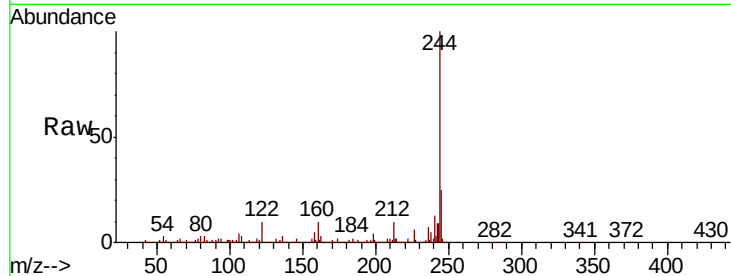
Tot Ion:244 Resp: 2389022

Ion Ratio Lower Upper

244 100

212 10.5 7.9 11.9

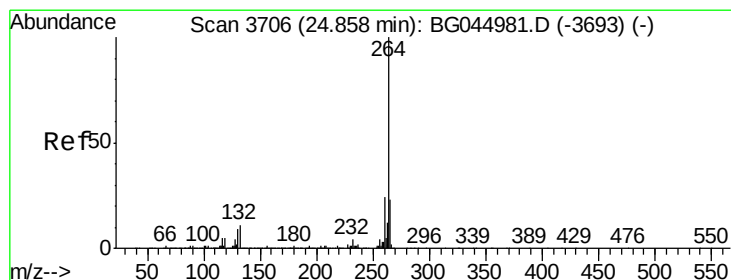
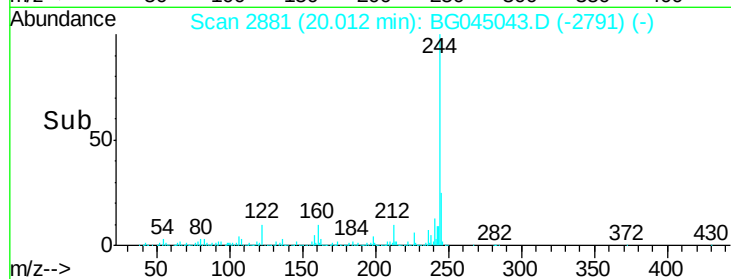
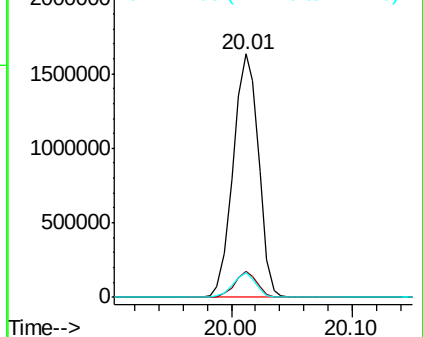
122 9.9 7.7 11.5



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: 24.85 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG045043.D

Acq: 17 Apr 2020 23:07

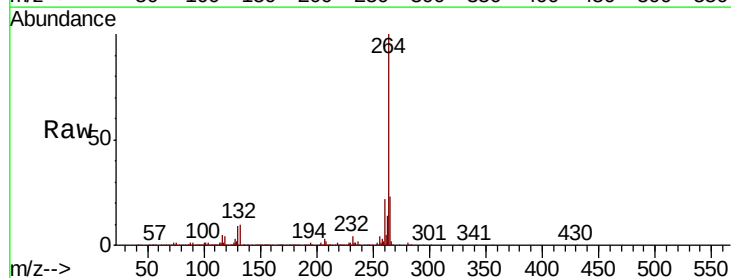
Tgt Ion:264 Resp: 532736

Ion Ratio Lower Upper

264 100

260 21.8 19.2 28.8

265 22.8 19.0 28.4



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

