

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
 Data File : BG045008.D
 Acq On : 16 Apr 2020 16:11
 Operator : CG/JU
 Sample : PB128259BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128259BL

Quant Time: Apr 16 17:14:30 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	62438	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	271004	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	217629	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	536706	20.00	ng	0.00
76) Chrysene-d12	21.66	240	533183	20.00	ng	0.00
87) Perylene-d12	24.85	264	566145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	508479	134.45	ng	0.00
7) Phenol-d6	7.18	99	774035	137.75	ng	0.00
23) Nitrobenzene-d5	9.17	82	523898	88.21	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	478634	142.36	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1308026	88.13	ng	0.00
79) Terphenyl-d14	20.01	244	2377158	97.17	ng	0.00

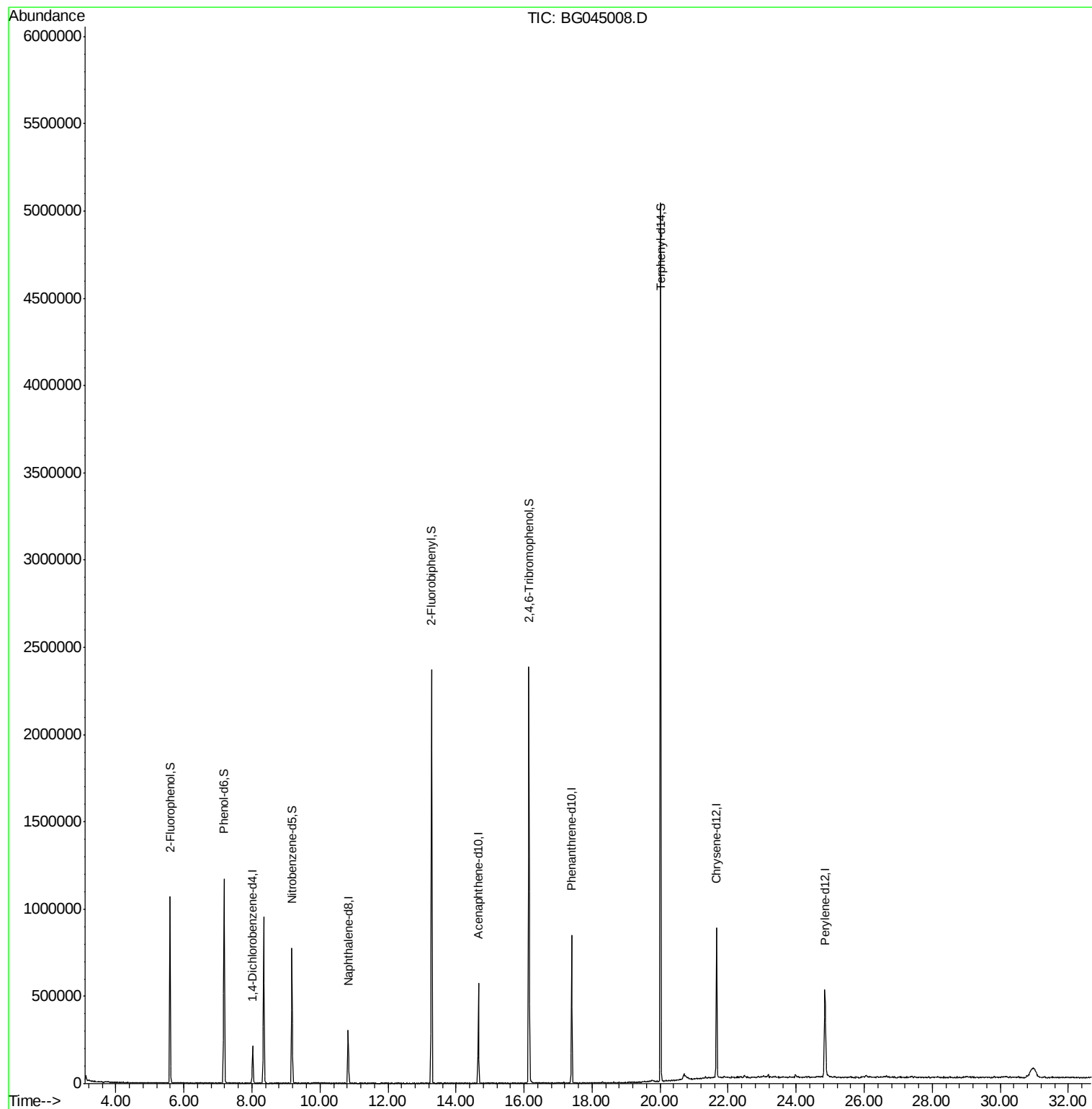
Target Compounds Qvalue

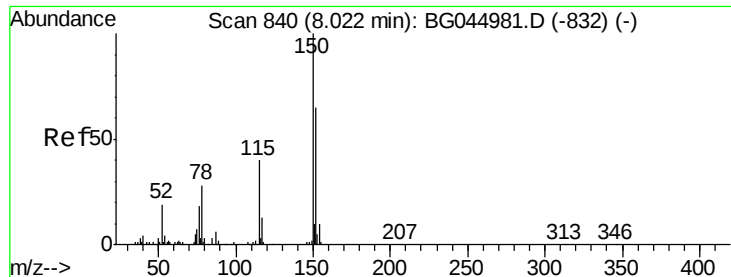
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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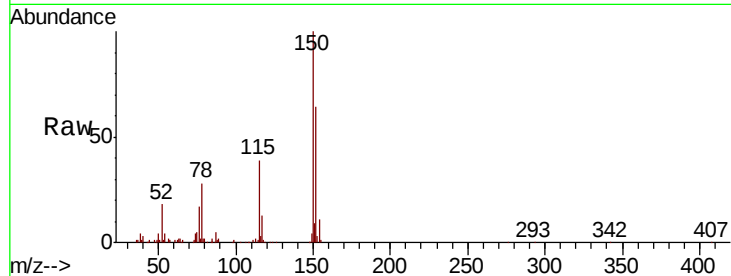


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG045008.D
Acq: 16 Apr 2020 16:11

Instrument :
BNA_G
ClientSampleId :
PB128259BL

Tot Ion	152	Resp	62438
Ion Ratio	Lower	Upper	
152	100		
150	156.6	123.6	185.4
115	60.4	49.1	73.7

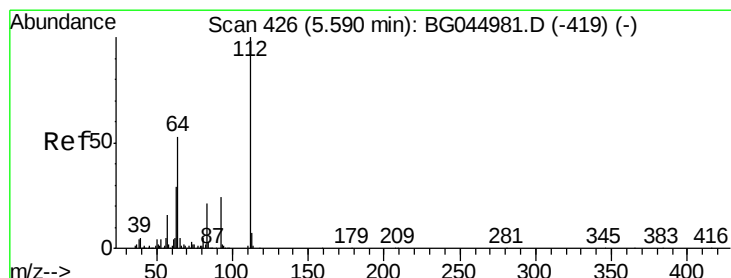
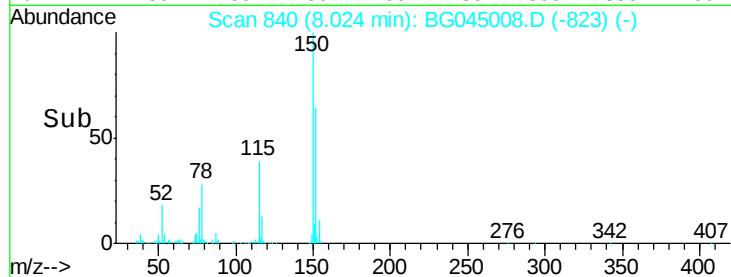
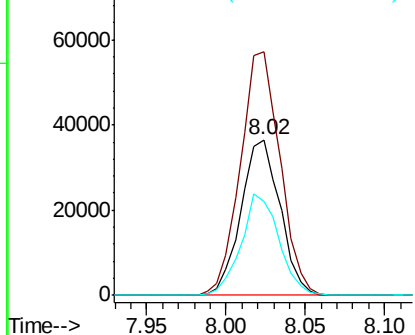


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

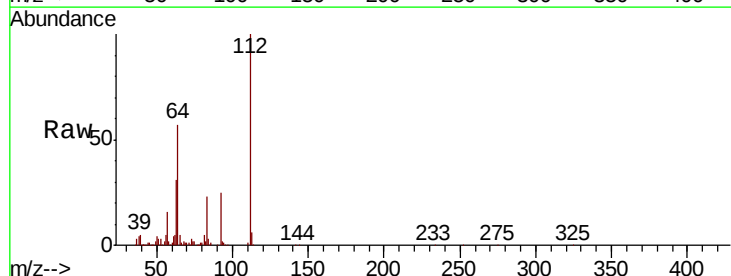
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 134.449 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG045008.D
Acq: 16 Apr 2020 16:11

Tgt Ion	112	Resp	508479
Ion Ratio	Lower	Upper	
112	100		
64	56.7	42.4	63.6
63	30.7	23.1	34.7

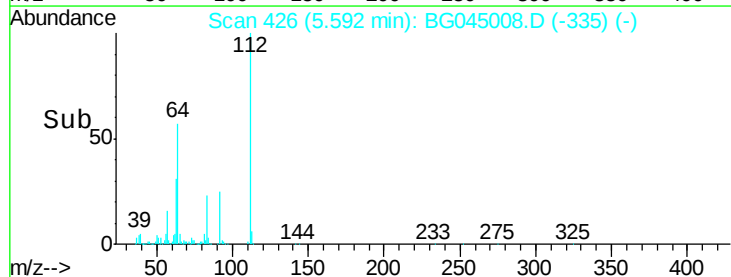
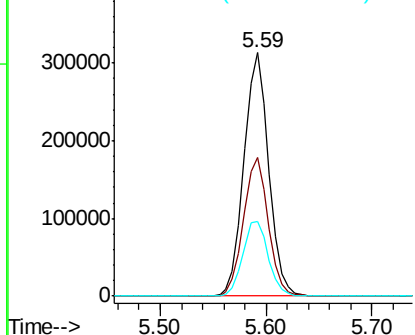


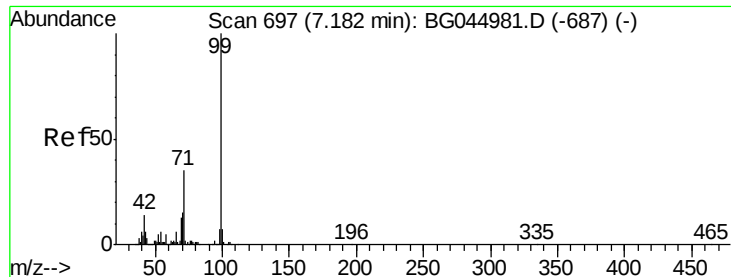
Abundance

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: 137.752 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045008.D

Acq: 16 Apr 2020 16:11

Instrument :

BNA_G

ClientSampleId :

PB128259BL

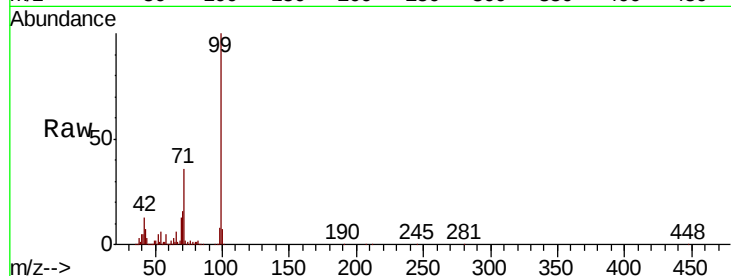
Tot Ion: 99 Resp: 774035

Ion Ratio Lower Upper

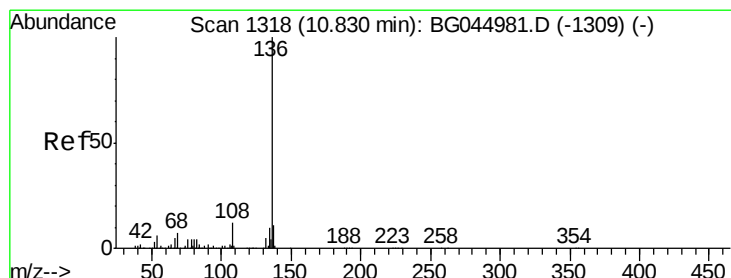
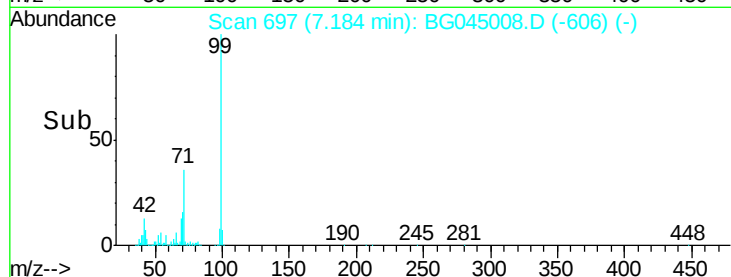
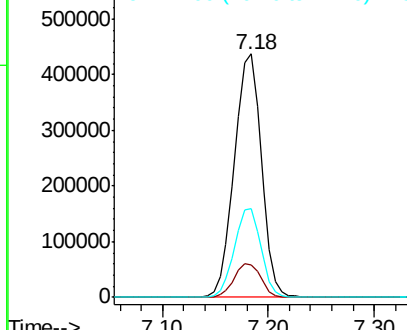
99 100

42 13.5 11.3 16.9

71 36.3 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: BG045008.D

Acq: 16 Apr 2020 16:11

Tgt Ion: 136 Resp: 271004

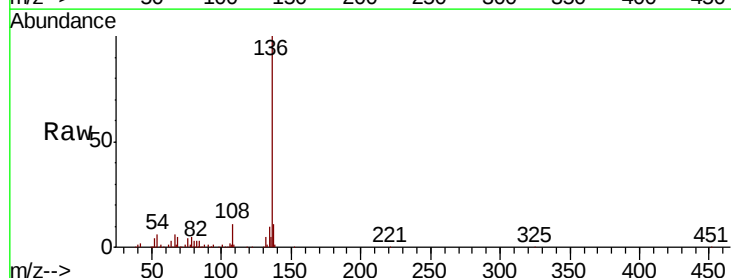
Ion Ratio Lower Upper

136 100

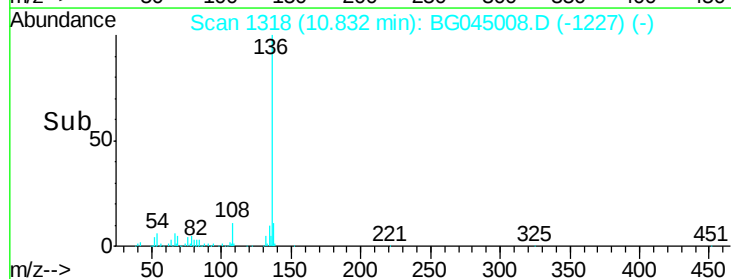
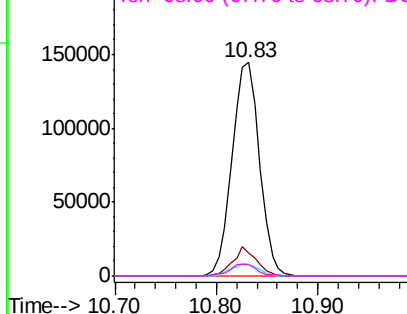
137 10.9 8.6 13.0

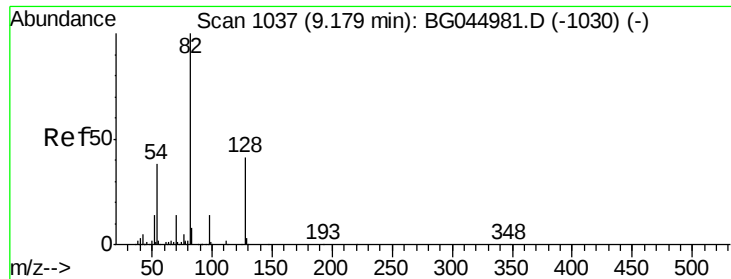
54 5.5 4.8 7.2

68 5.4 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

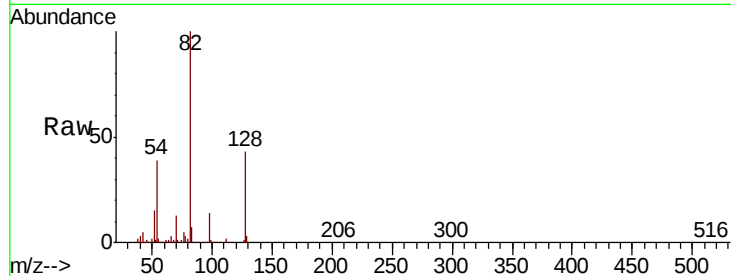




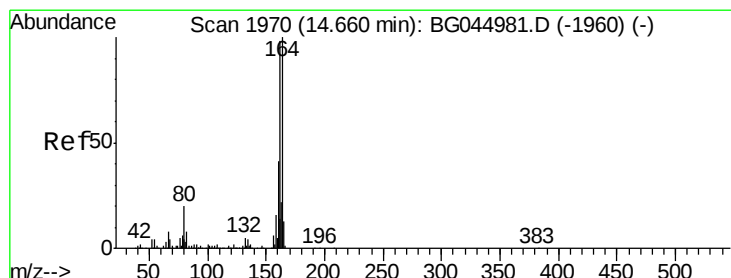
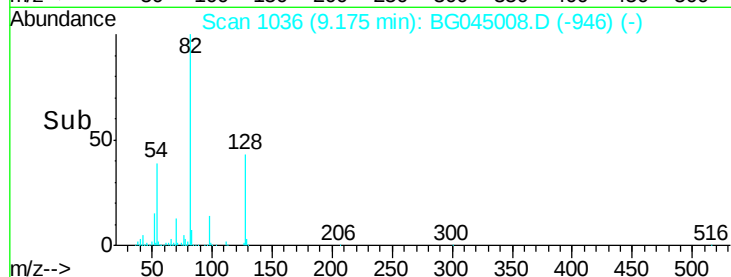
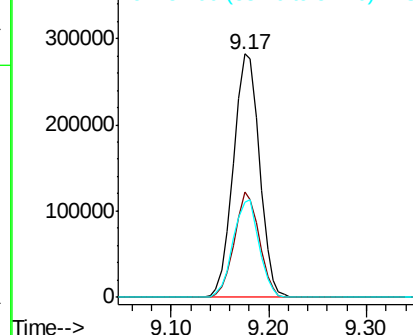
#23
 Nitrobenzene-d5
 Concen: 88.208 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG045008.D
 Acq: 16 Apr 2020 16:11

Instrument :
 BNA_G
 ClientSampleId :
 PB128259BL

Tot Ion	82	Resp	523898
Ion Ratio	Lower	Upper	
82	100		
128	43.1	33.0	49.4
54	39.3	30.4	45.6

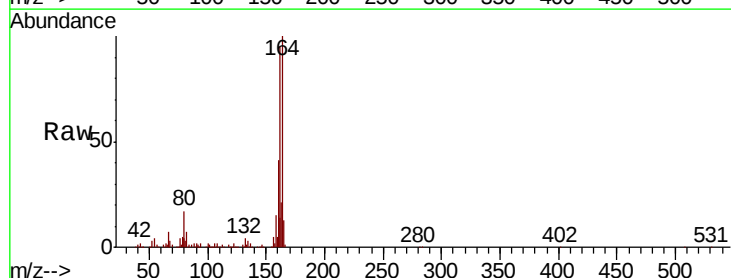


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

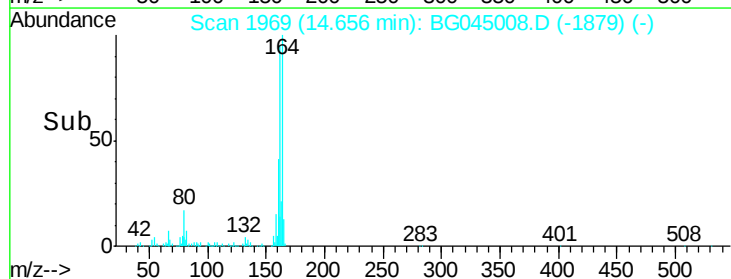
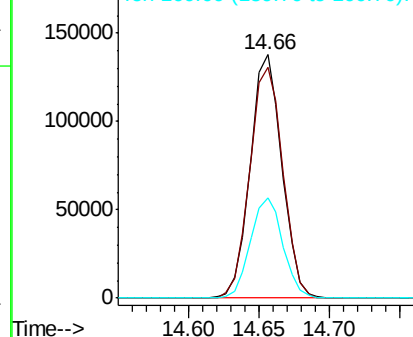


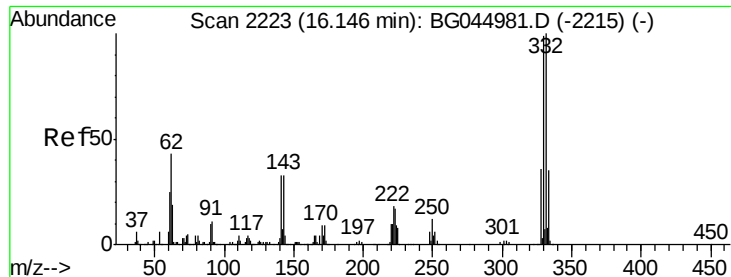
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045008.D
 Acq: 16 Apr 2020 16:11

Tgt Ion	164	Resp	217629
Ion Ratio	Lower	Upper	
164	100		
162	95.0	78.7	118.1
160	41.4	32.8	49.2



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

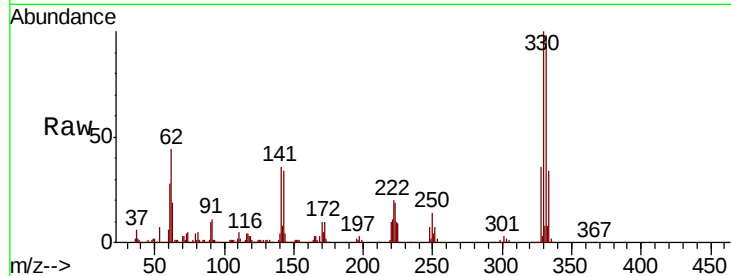




#42
 2,4,6-Tribromophenol
 Concen: 142.362 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG045008.D
 Acq: 16 Apr 2020 16:11

Instrument :
 BNA_G
 ClientSampleId :
 PB128259BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.1	118.7
141	34.8	27.1	40.7

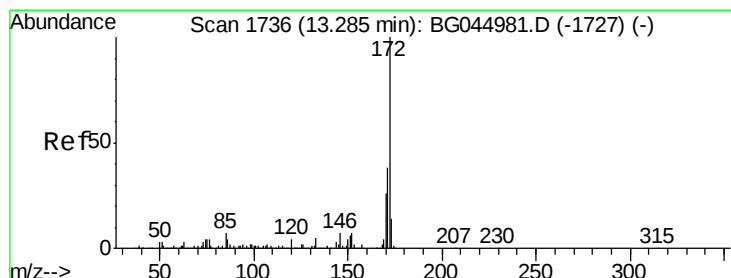
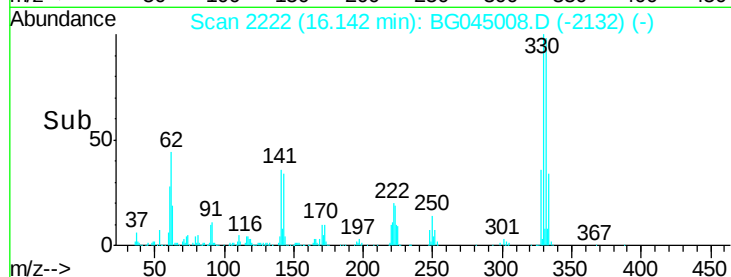
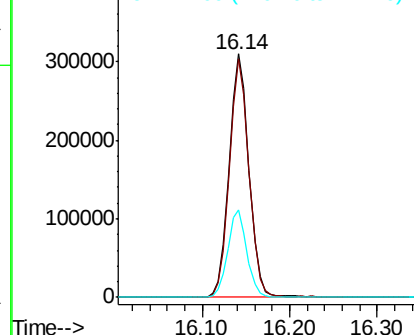


Abundance

Ion 329.80 (329.50 to 330.50): E

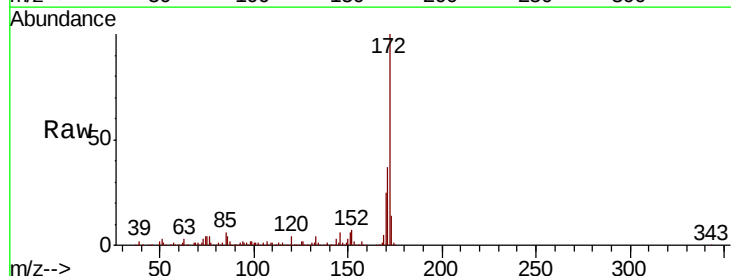
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.131 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045008.D
 Acq: 16 Apr 2020 16:11

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

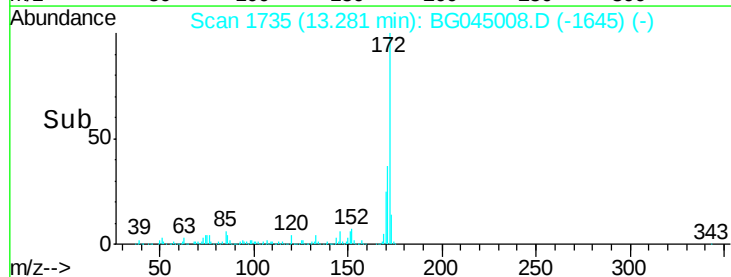
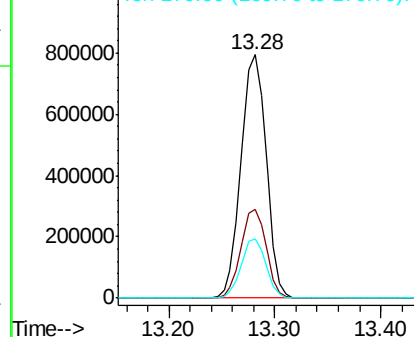


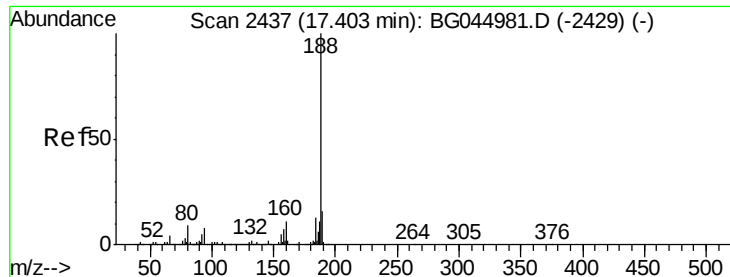
Abundance

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: BG045008.D

Acq: 16 Apr 2020 16:11

Instrument :

BNA_G

ClientSampleId :

PB128259BL

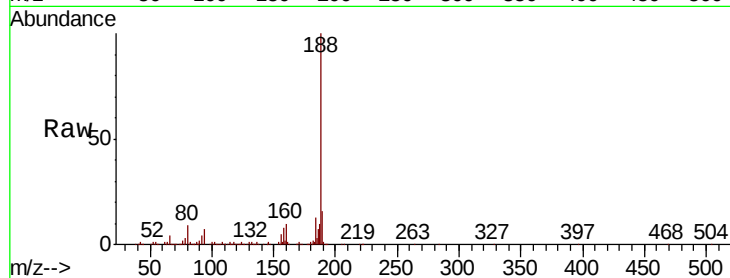
Tot Ion:188 Resp: 536706

Ion Ratio Lower Upper

188 100

94 7.2 6.2 9.4

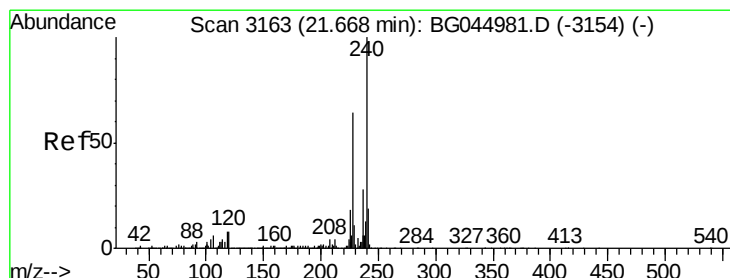
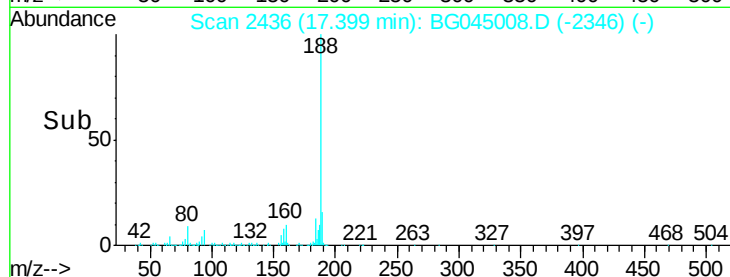
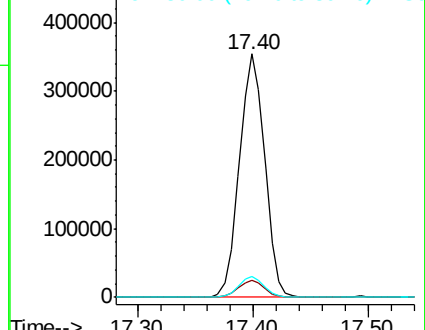
80 8.7 7.0 10.6



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# 3161

Delta R.T. -0.01 min

Lab File: BG045008.D

Acq: 16 Apr 2020 16:11

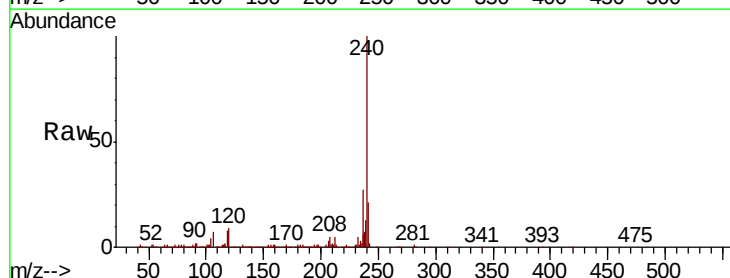
Tgt Ion:240 Resp: 533183

Ion Ratio Lower Upper

240 100

120 8.9 6.6 10.0

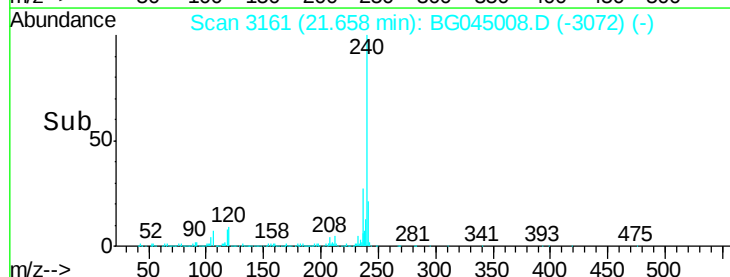
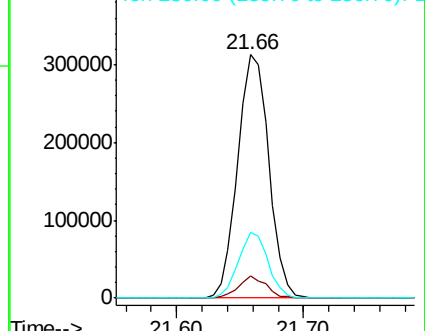
236 26.7 22.2 33.2

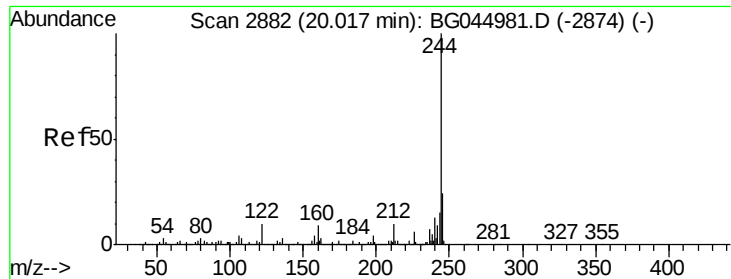


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.174 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045008.D

Acq: 16 Apr 2020 16:11

Instrument :

BNA_G

ClientSampleId :

PB128259BL

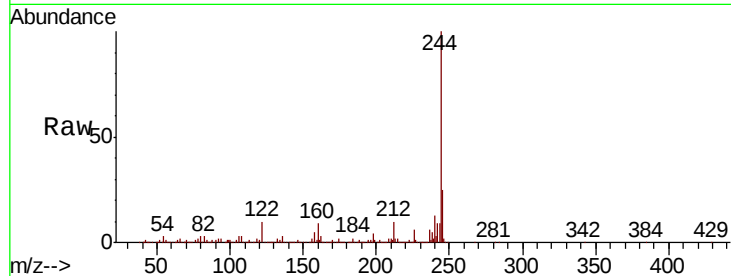
Tot Ion:244 Resp: 2377158

Ion Ratio Lower Upper

244 100

212 10.3 7.9 11.9

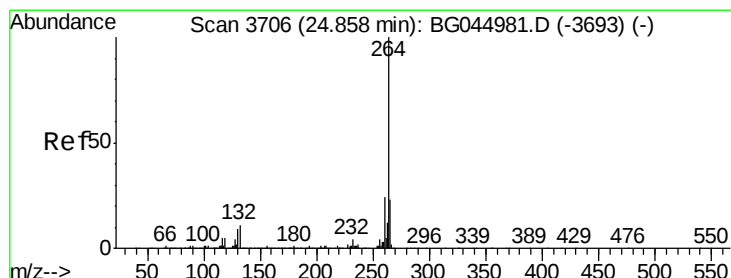
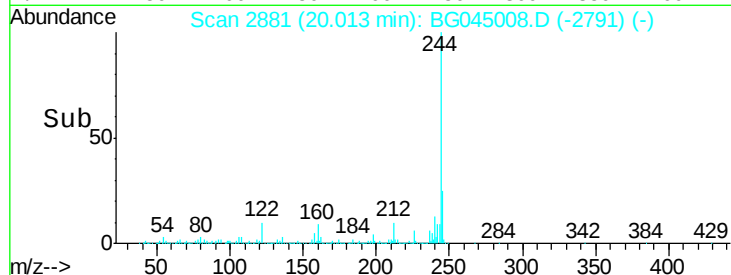
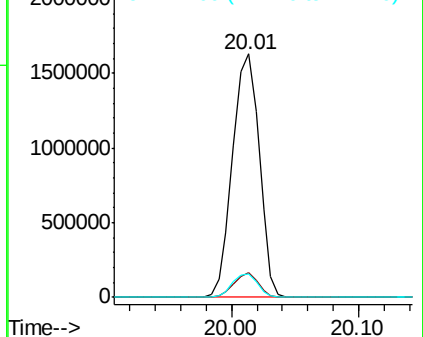
122 9.6 7.7 11.5



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# 3704

Delta R.T. -0.01 min

Lab File: BG045008.D

Acq: 16 Apr 2020 16:11

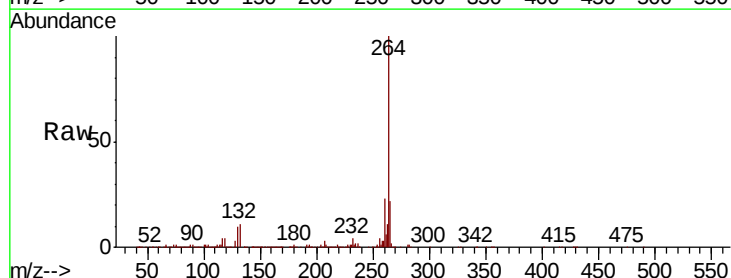
Tgt Ion:264 Resp: 566145

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.6 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

