

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102219\
 Data File : BG043305.D
 Acq On : 22 Oct 2019 13:52
 Operator : JU
 Sample : PB123887BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123887BL

Quant Time: Oct 22 18:28:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	36351	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	121076	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	103009	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	278107	20.00	ng	0.00
76) Chrysene-d12	21.67	240	337487	20.00	ng	0.00
87) Perylene-d12	24.87	264	376752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	108855	54.87	ng	0.00
7) Phenol-d6	7.20	99	93028	32.59	ng	0.00
23) Nitrobenzene-d5	9.18	82	227786	96.99	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	158068	80.64	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	654044	87.74	ng	0.00
79) Terphenyl-d14	20.01	244	1597325	88.79	ng	0.00

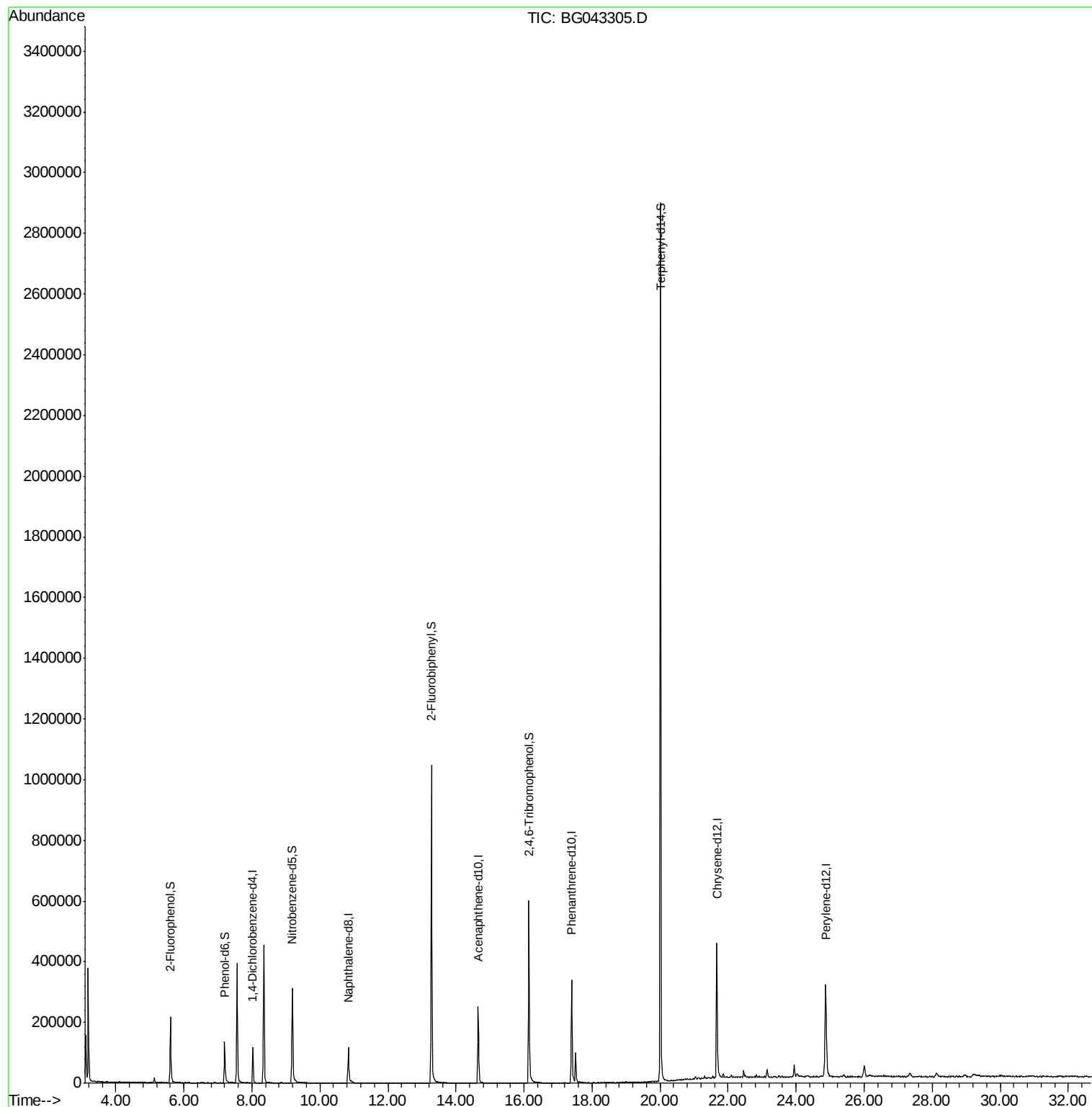
Target Compounds Qvalue

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

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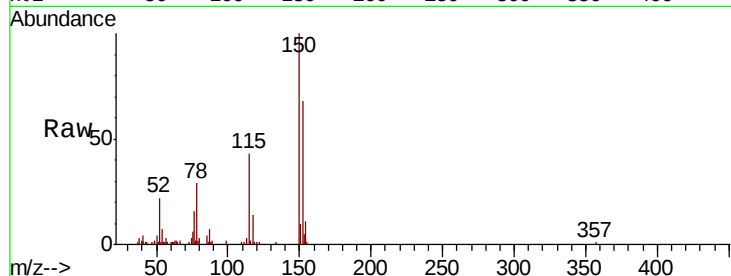


#1

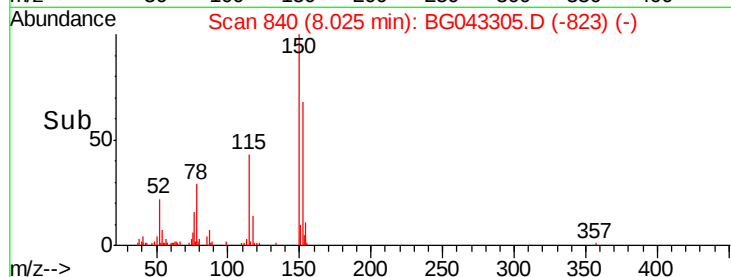
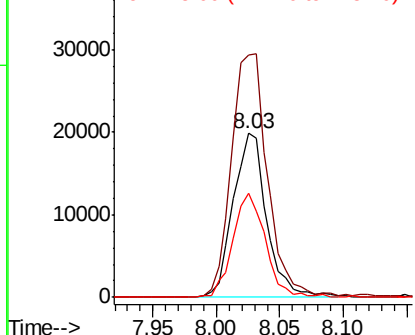
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043305.D
Acq: 22 Oct 2019 13:52

Instrument :
BNA_G
ClientSampleId :
PB123887BL

Tot Ion:152 Resp: 36351
Ion Ratio Lower Upper
152 100
150 147.5 113.6 170.4
115 63.1 45.9 68.9



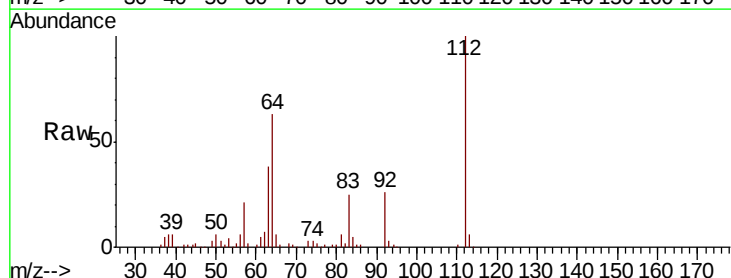
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



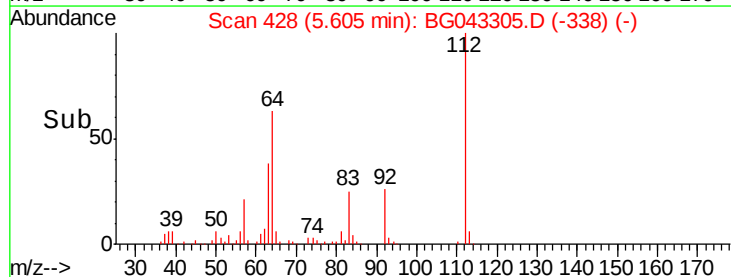
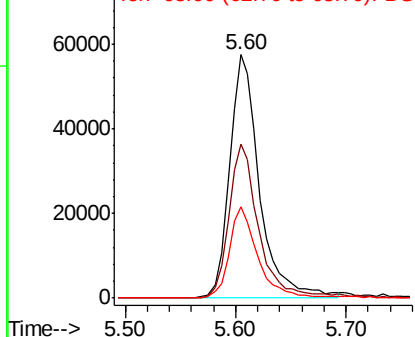
#5

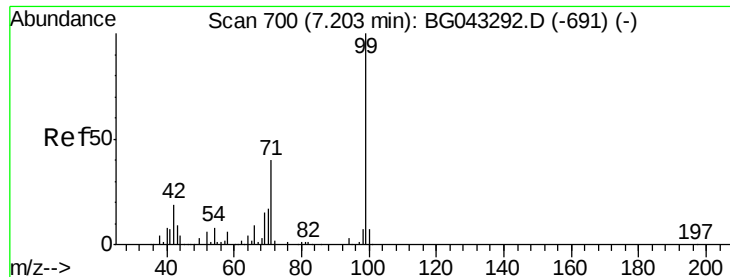
2-Fluorophenol
Concen: 54.874 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG043305.D
Acq: 22 Oct 2019 13:52

Tgt Ion:112 Resp: 108855
Ion Ratio Lower Upper
112 100
64 63.3 50.2 75.2
63 37.7 26.7 40.1



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: 32.594 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG043305.D

Acq: 22 Oct 2019 13:52

Instrument :

BNA_G

ClientSampleId :

PB123887BL

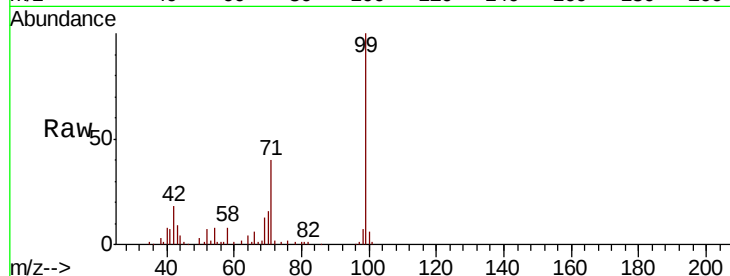
Tot Ion: 99 Resp: 93028

Ion Ratio Lower Upper

99 100

42 18.5 14.9 22.3

71 40.2 32.2 48.2

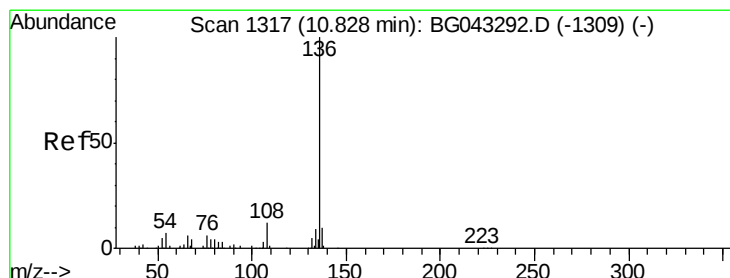
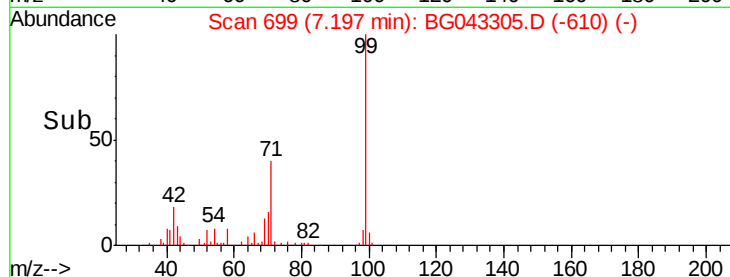
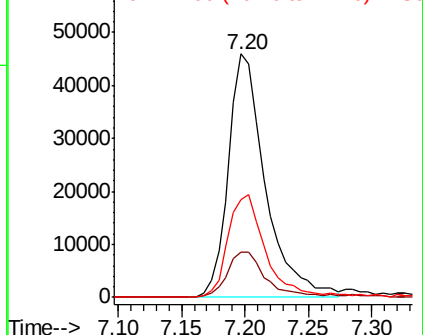


Abundance

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. 0.01 min

Lab File: BG043305.D

Acq: 22 Oct 2019 13:52

Tgt Ion: 136 Resp: 121076

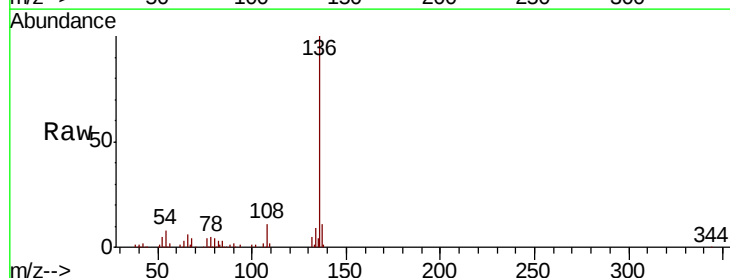
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.2

54 7.8 5.4 8.2

68 3.5 3.3 4.9



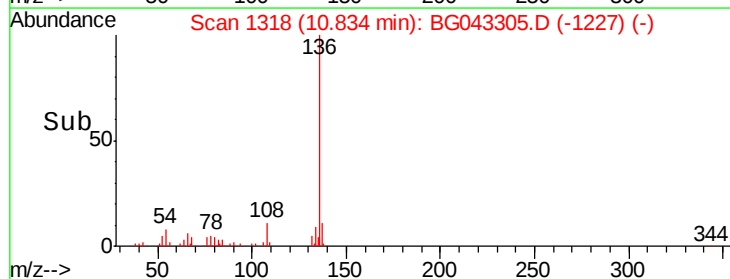
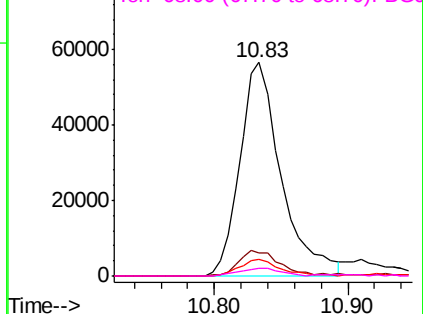
Abundance

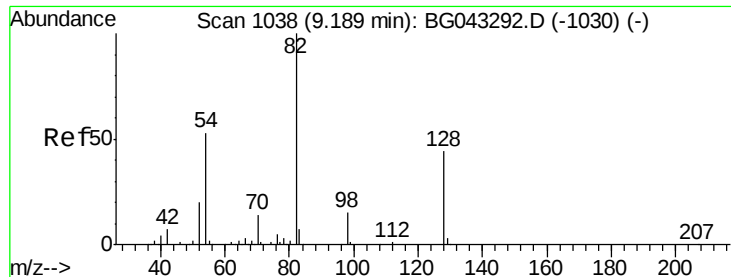
Ion 136.00 (135.70 to 136.70): BGC

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

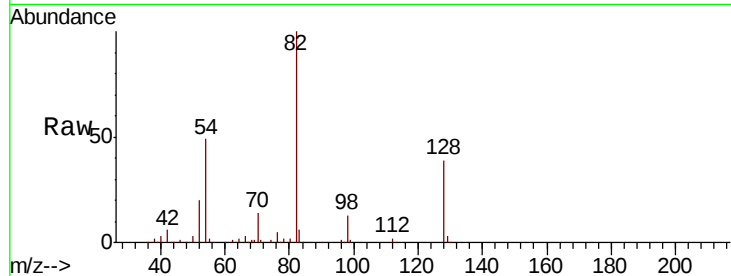




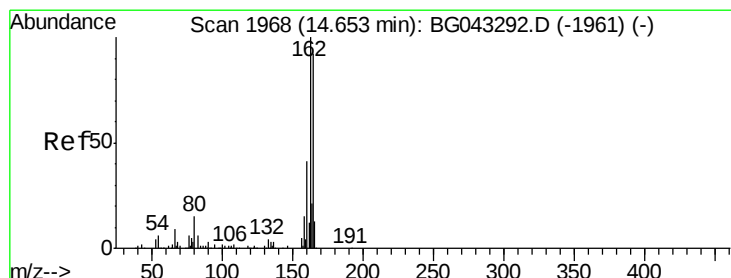
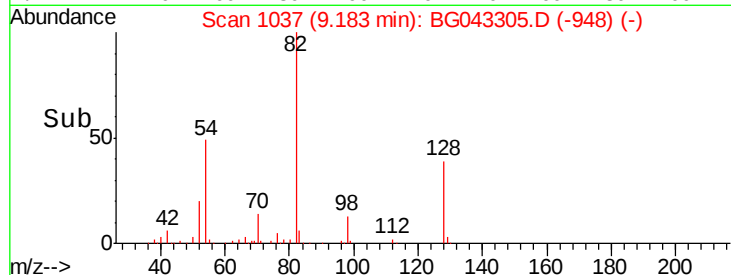
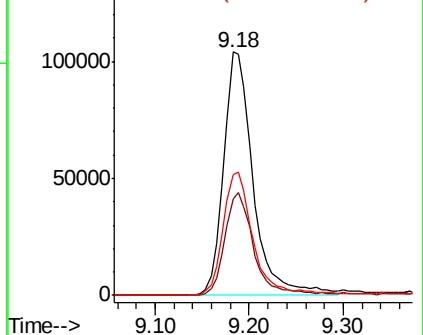
#23
Nitrobenzene-d5
Concen: 96.992 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043305.D
Acq: 22 Oct 2019 13:52

Instrument :
BNA_G
ClientSampleId :
PB123887BL

Tot Ion	82	Resp	227786
Ion Ratio	Lower	Upper	
82	100		
128	39.4	35.3	52.9
54	49.3	42.3	63.5

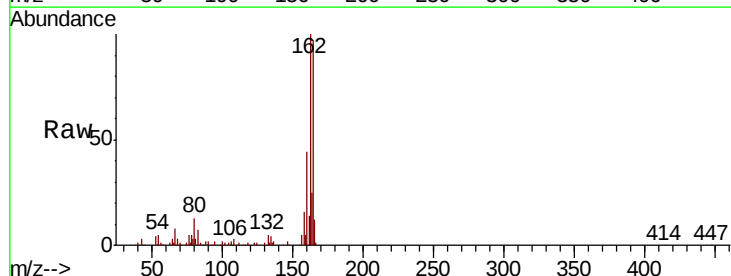


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

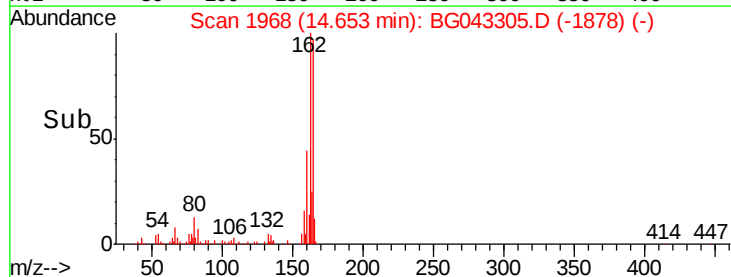
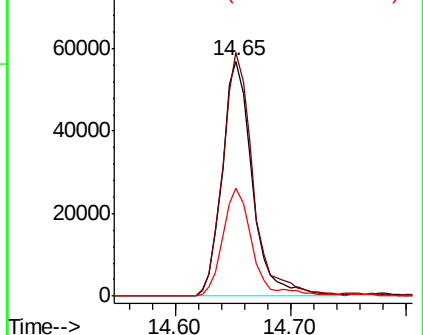


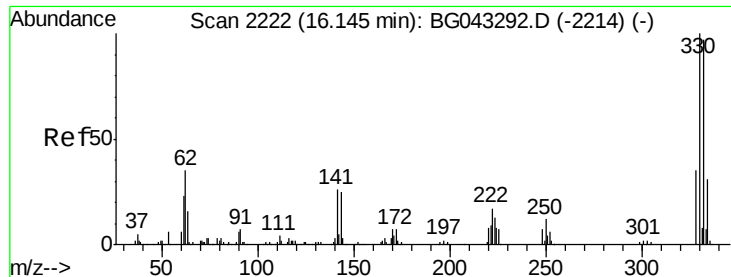
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043305.D
Acq: 22 Oct 2019 13:52

Tgt Ion	164	Resp	103009
Ion Ratio	Lower	Upper	
164	100		
162	103.6	87.0	130.4
160	45.8	35.5	53.3



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

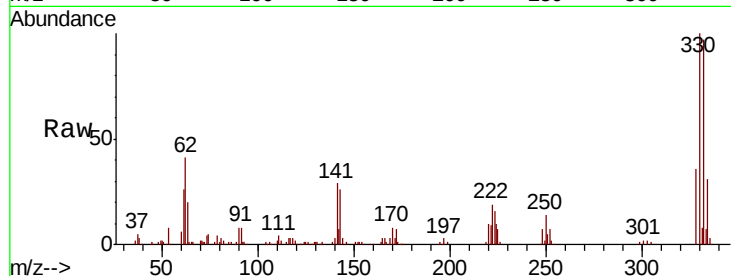




#42
 2,4,6-Tribromophenol
 Concen: 80.636 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043305.D
 Acq: 22 Oct 2019 13:52

Instrument :
 BNA_G
 ClientSampled :
 PB123887BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.4	114.6
141	28.5	21.4	32.0

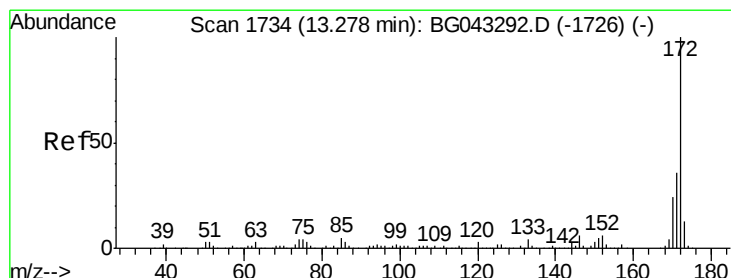
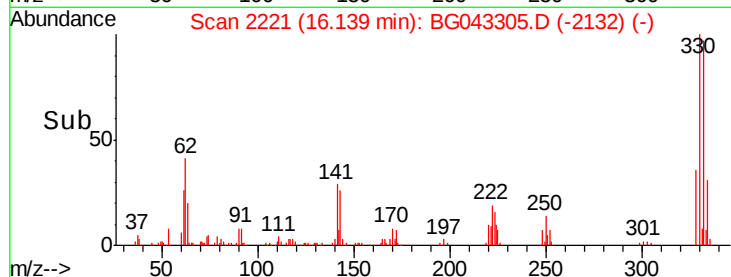
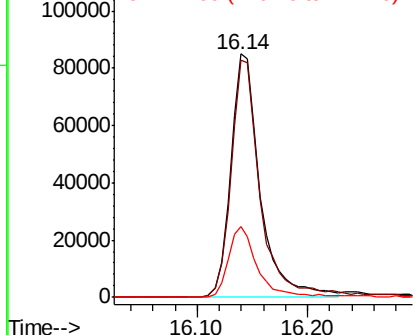


Abundance

Ion 329.80 (329.50 to 330.50): E

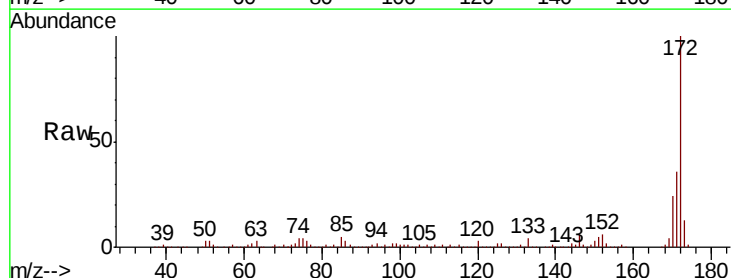
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.736 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043305.D
 Acq: 22 Oct 2019 13:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.9	18.8	28.2

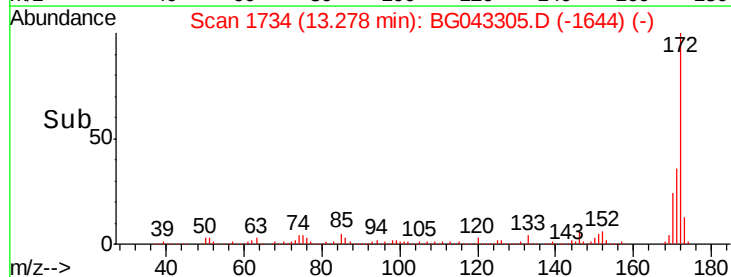
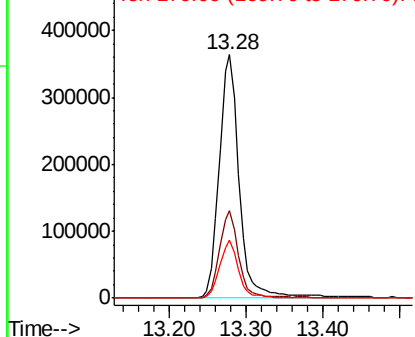


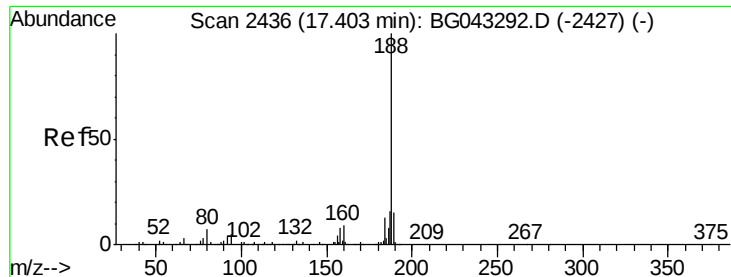
Abundance

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# 2435

Delta R.T. -0.01 min

Lab File: BG043305.D

Acq: 22 Oct 2019 13:52

Instrument :

BNA_G

ClientSampleId :

PB123887BL

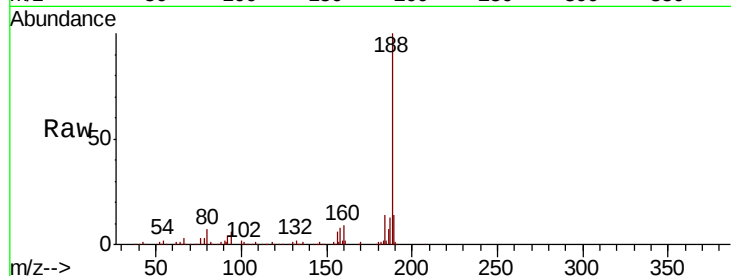
Tot Ion:188 Resp: 278107

Ion Ratio Lower Upper

188 100

94 6.2 4.2 6.2

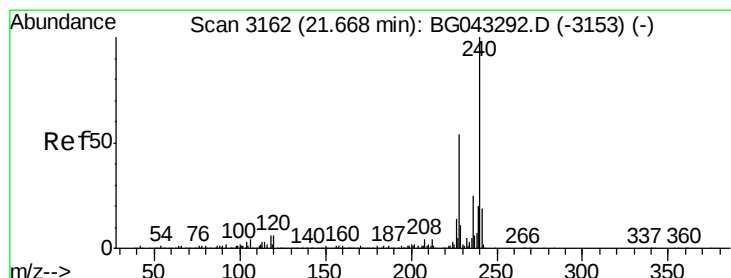
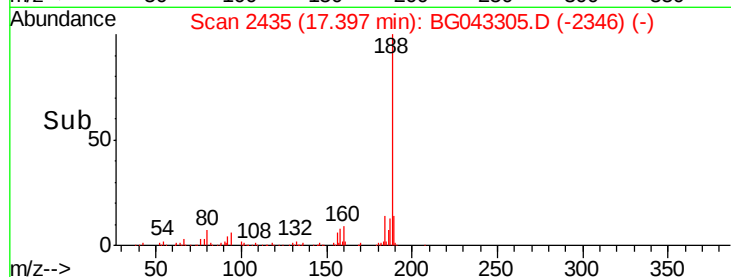
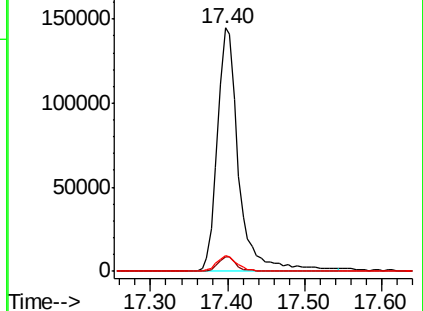
80 6.6 5.2 7.8



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: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043305.D

Acq: 22 Oct 2019 13:52

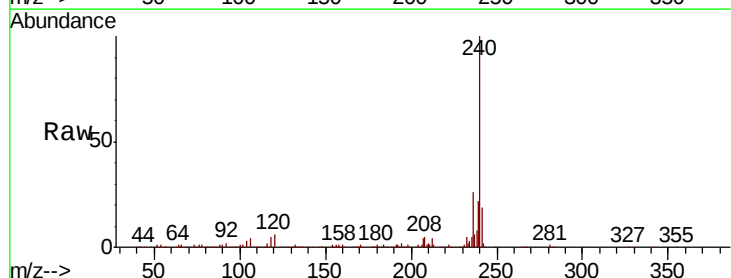
Tgt Ion:240 Resp: 337487

Ion Ratio Lower Upper

240 100

120 6.1 4.6 7.0

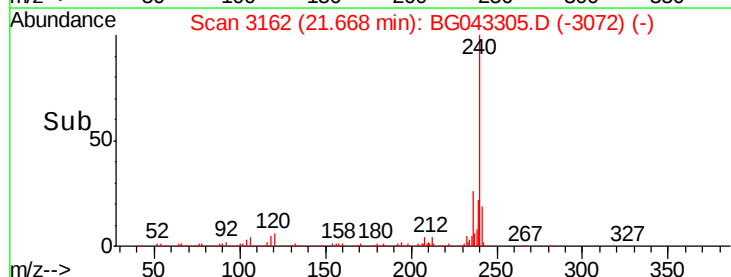
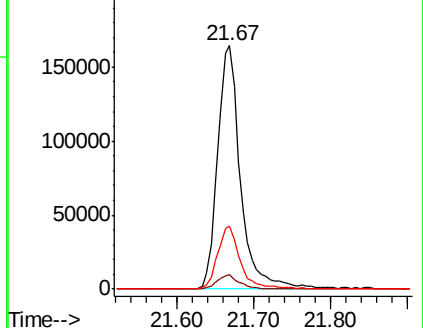
236 25.9 20.2 30.4

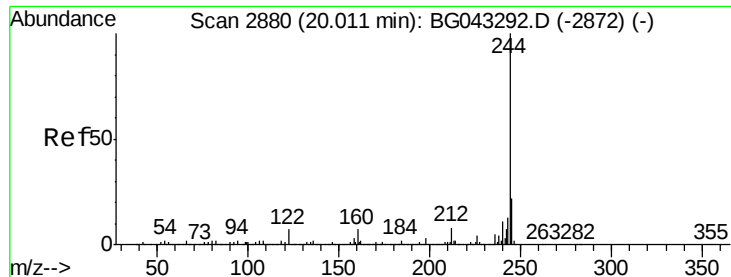


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.794 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043305.D

Acq: 22 Oct 2019 13:52

Instrument :

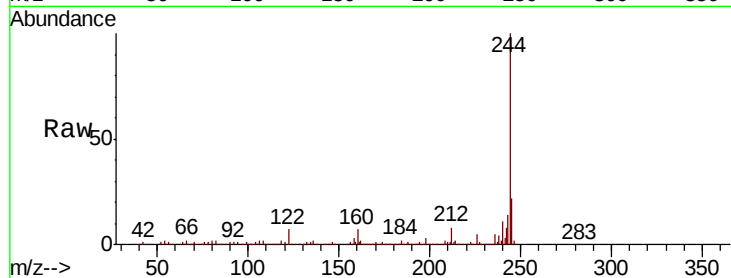
BNA_G

ClientSampleId :

PB123887BL

Tot Ion:244 Resp: 1597325

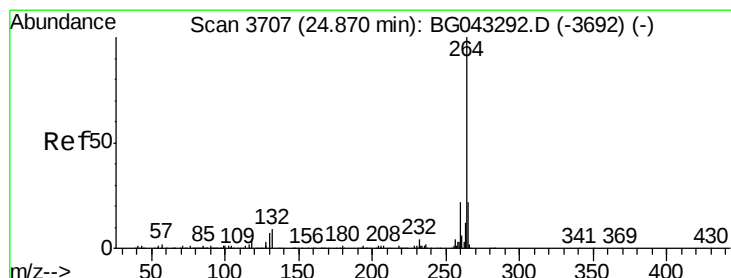
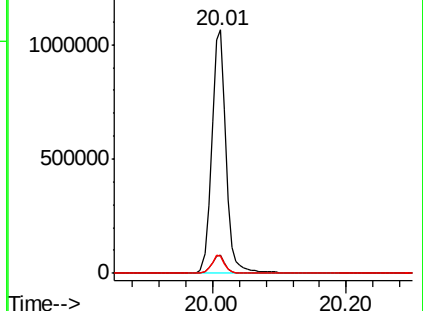
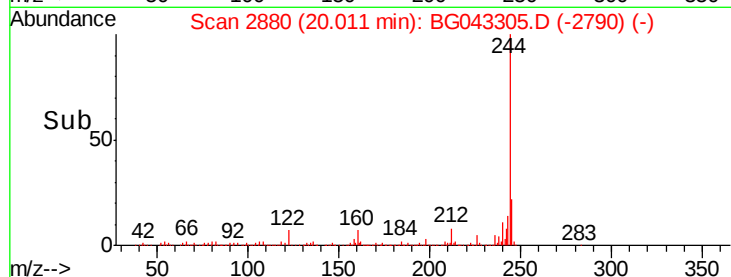
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	7.0	5.3	7.9



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: 24.87 min Scan# 3707

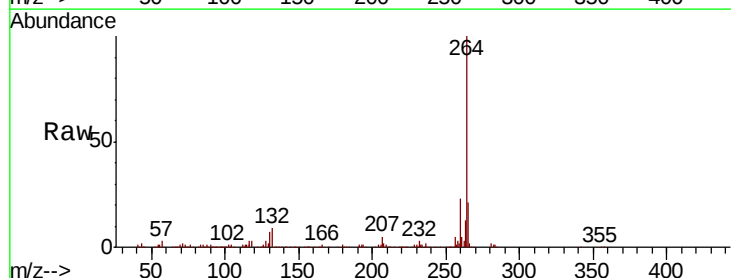
Delta R.T. -0.00 min

Lab File: BG043305.D

Acq: 22 Oct 2019 13:52

Tgt Ion:264 Resp: 376752

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.9	26.9
265	20.9	17.4	26.2



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

