

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102219\
 Data File : BG043302.D
 Acq On : 22 Oct 2019 11:48
 Operator : JU
 Sample : PB123945BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BL

Quant Time: Oct 22 13:13:17 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	8.02	152	36752	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	129867	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	101224	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	260717	20.00	ng	0.00
76) Chrysene-d12	21.67	240	317988	20.00	ng	0.00
87) Perylene-d12	24.86	264	340273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	173586	86.55	ng	0.00
7) Phenol-d6	7.20	99	158167	54.81	ng	0.00
23) Nitrobenzene-d5	9.19	82	242309	96.19	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	234377	121.67	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	682342	93.15	ng	0.00
79) Terphenyl-d14	20.01	244	1599438	94.36	ng	0.00

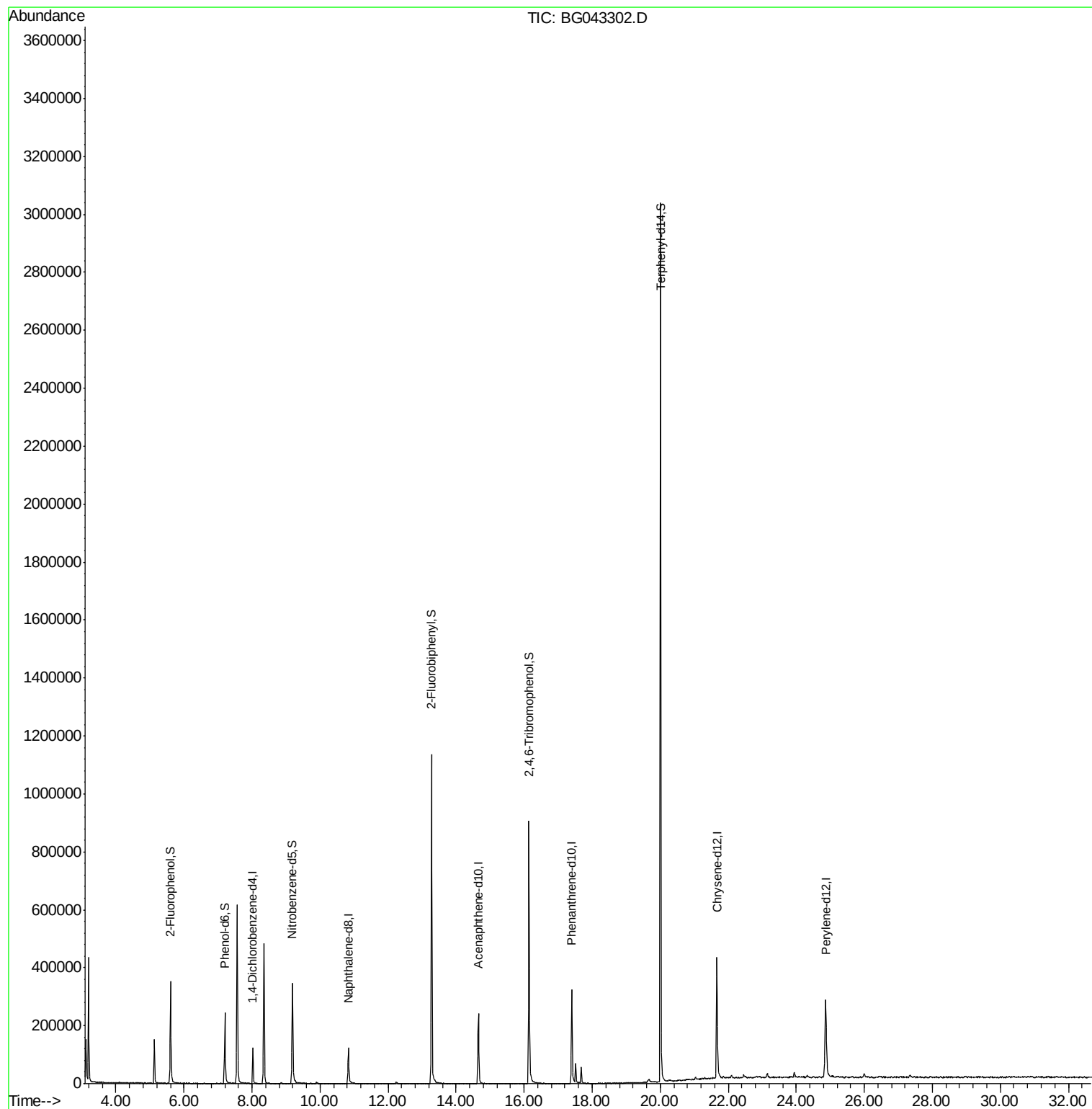
Target Compounds Qvalue

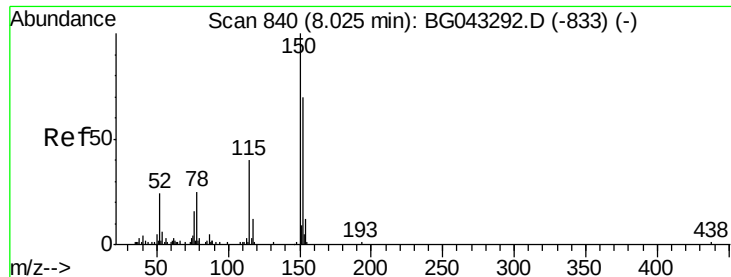
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG043302.D

Acq: 22 Oct 2019 11:48

Instrument :

BNA_G

ClientSampleId :

PB123945BL

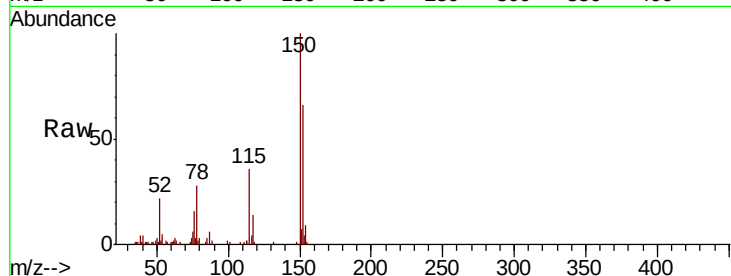
Tot Ion:152 Resp: 36752

Ion Ratio Lower Upper

152 100

150 151.9 113.6 170.4

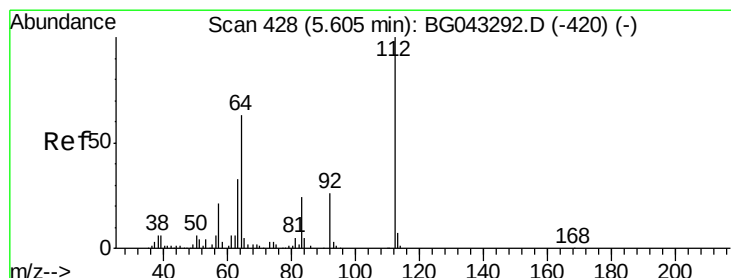
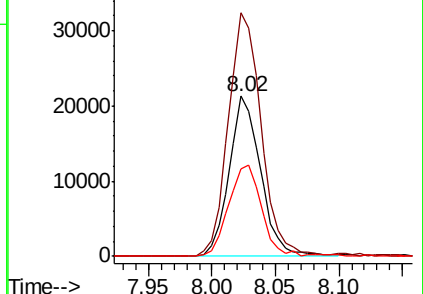
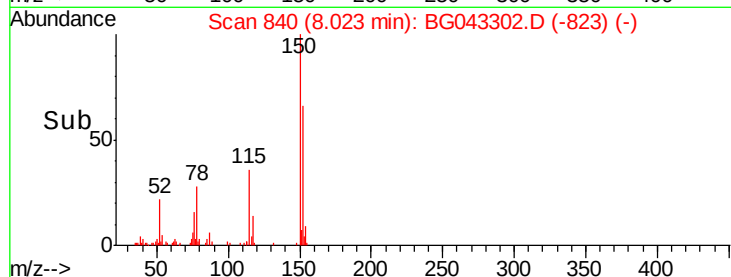
115 54.2 45.9 68.9



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: 86.550 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043302.D

Acq: 22 Oct 2019 11:48

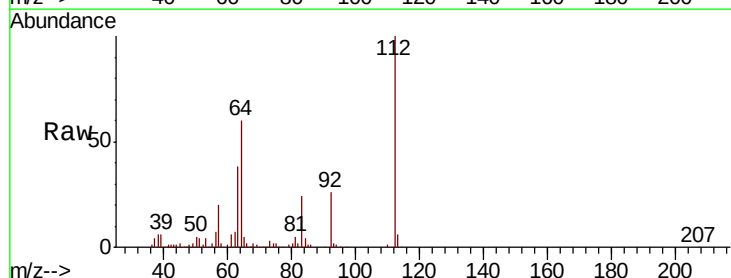
Tgt Ion:112 Resp: 173586

Ion Ratio Lower Upper

112 100

64 59.9 50.2 75.2

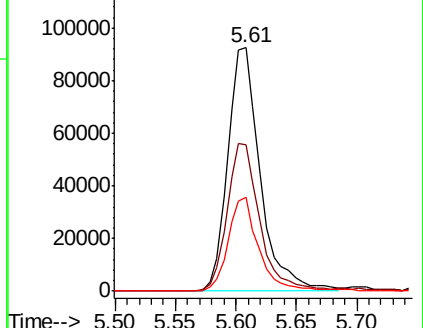
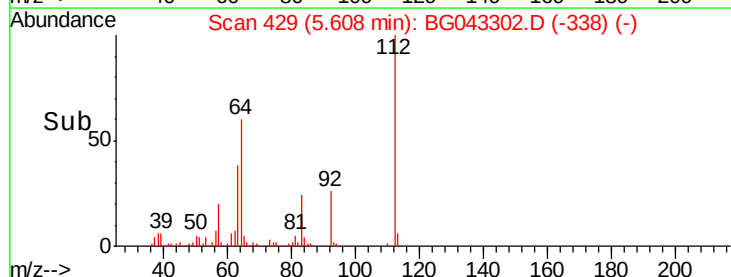
63 38.4 26.7 40.1

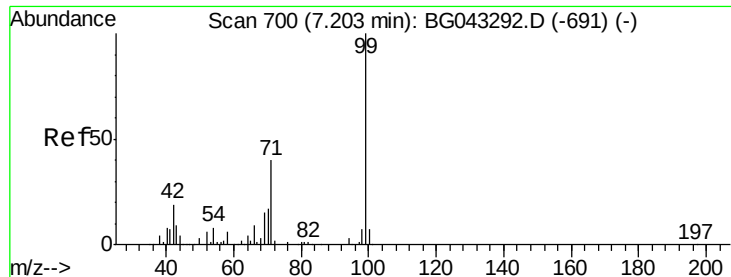


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 54.812 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043302.D

Acq: 22 Oct 2019 11:48

Instrument :

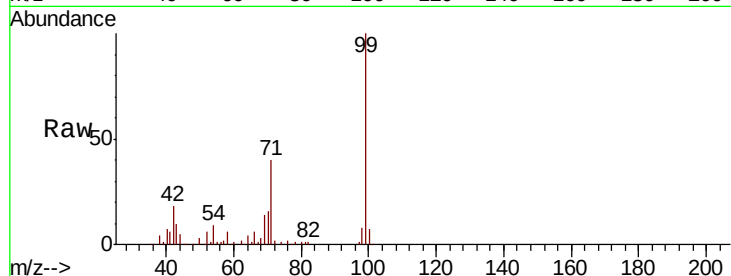
BNA_G

ClientSampled :

PB123945BL

Tot Ion: 99 Resp: 158167

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.9	22.3
71	40.4	32.2	48.2

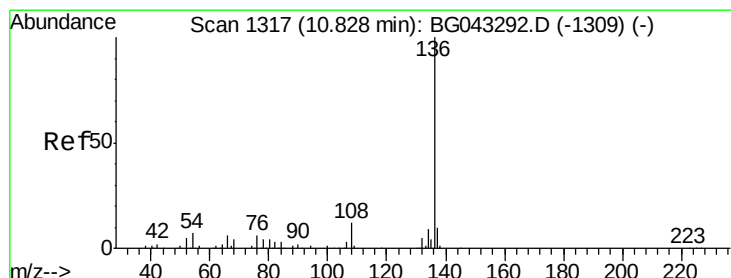
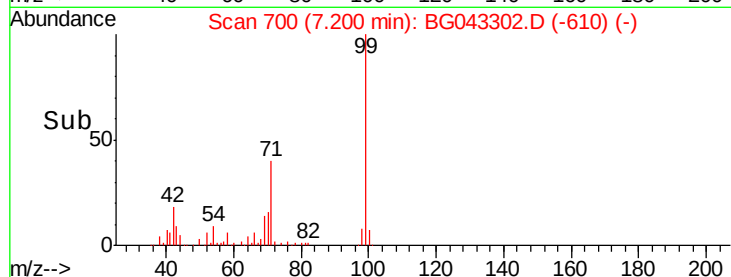
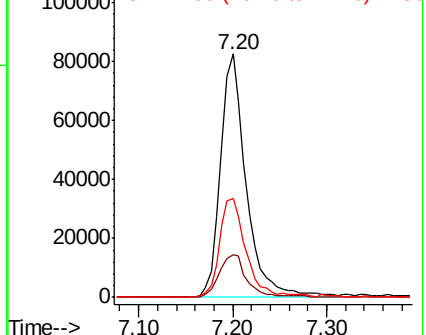


Abundance

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

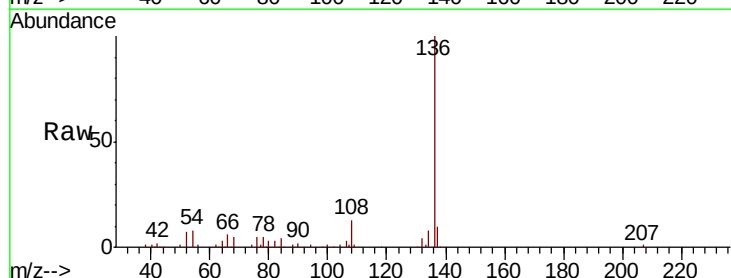
Delta R.T. 0.00 min

Lab File: BG043302.D

Acq: 22 Oct 2019 11:48

Tgt Ion: 136 Resp: 129867

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.2
54	8.2	5.4	8.2
68	4.5	3.3	4.9



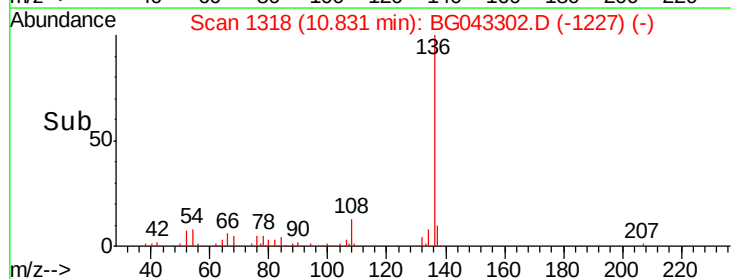
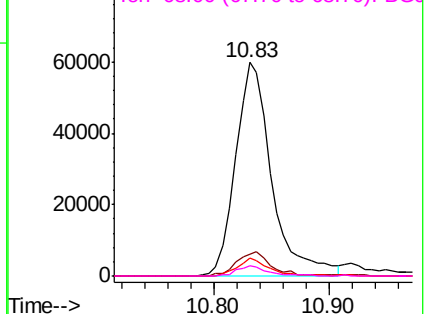
Abundance

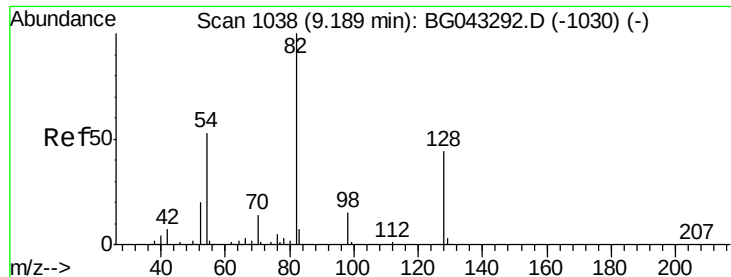
Ion 136.00 (135.70 to 136.70): BGC

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

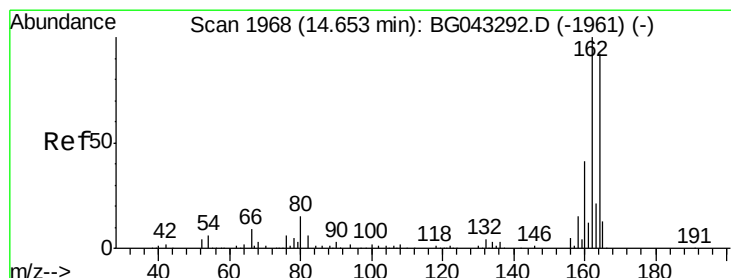
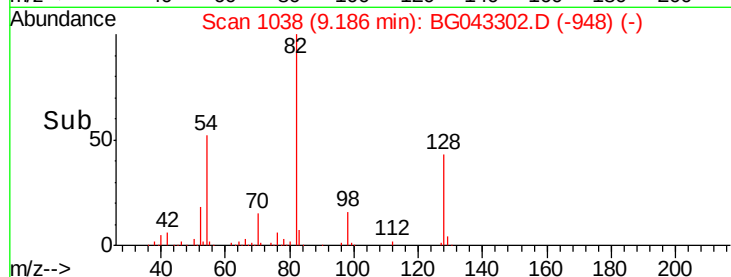
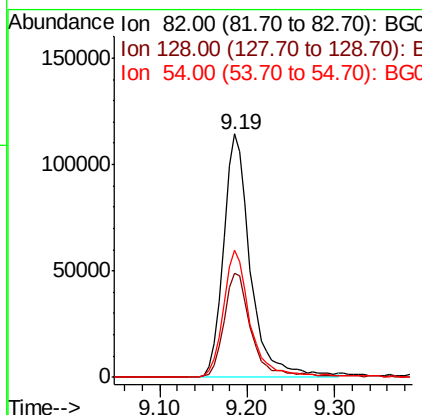
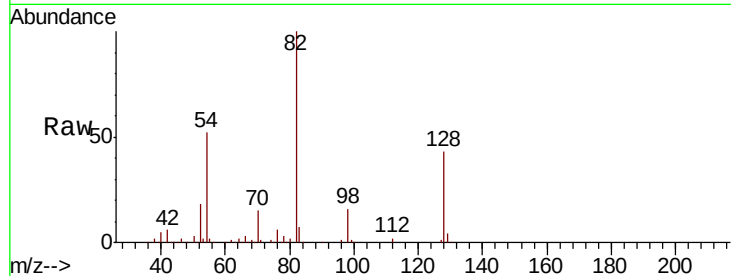




#23
 Nitrobenzene-d5
 Concen: 96.192 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043302.D
 Acq: 22 Oct 2019 11:48

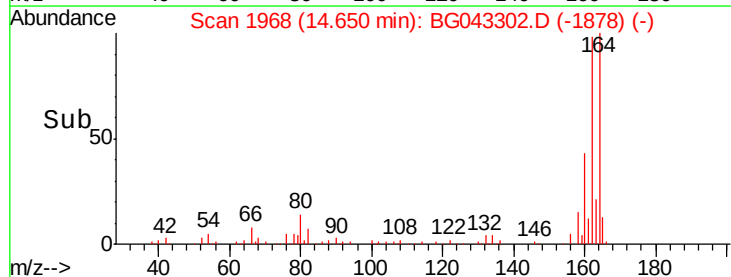
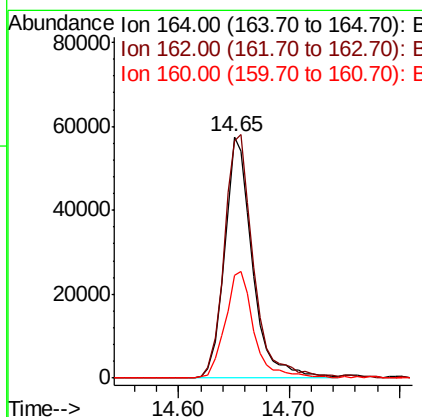
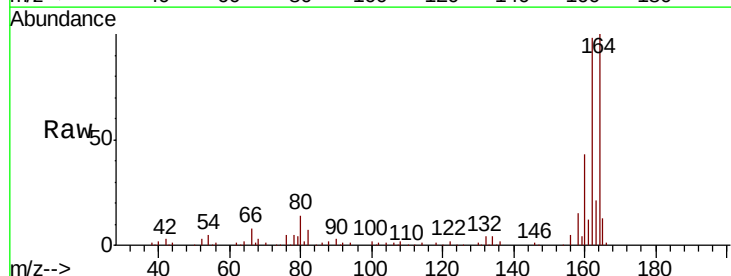
Instrument :
 BNA_G
 ClientSampleId :
 PB123945BL

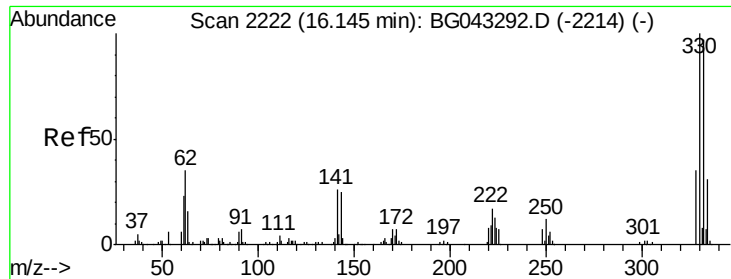
Tot Ion	82	Resp	242309
Ion Ratio	Lower	Upper	
82	100		
128	42.8	35.3	52.9
54	52.0	42.3	63.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG043302.D
 Acq: 22 Oct 2019 11:48

Tgt Ion	164	Resp	101224
Ion Ratio	Lower	Upper	
164	100		
162	98.4	87.0	130.4
160	42.7	35.5	53.3

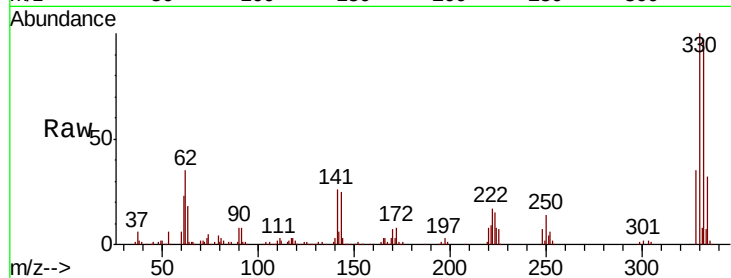




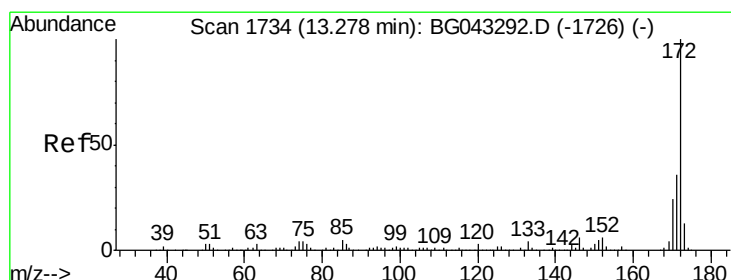
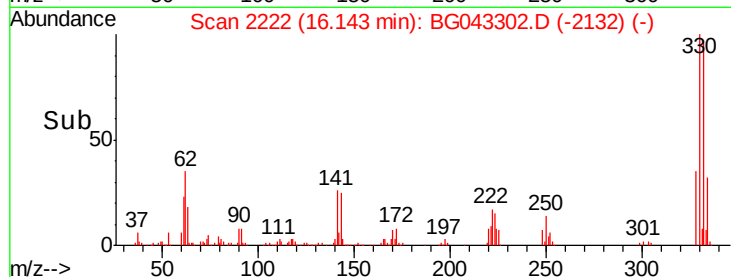
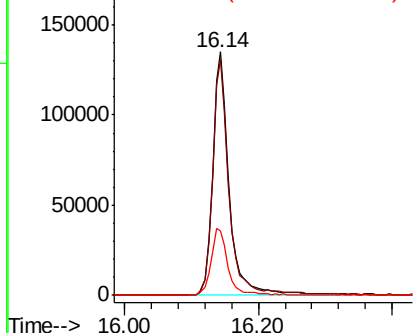
#42
 2,4,6-Tribromophenol
 Concen: 121.672 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043302.D
 Acq: 22 Oct 2019 11:48

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.4	114.6
141	27.9	21.4	32.0

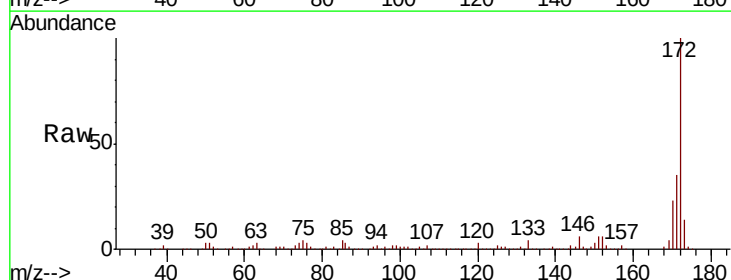


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

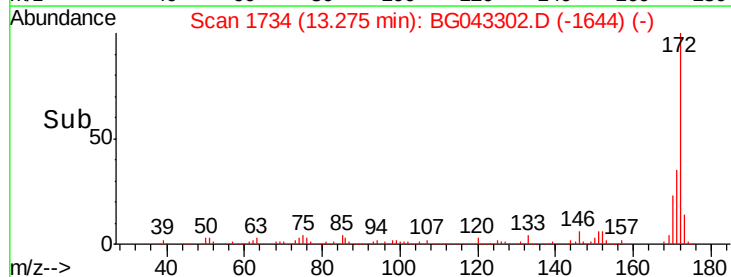
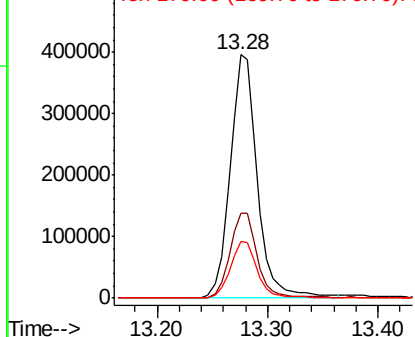


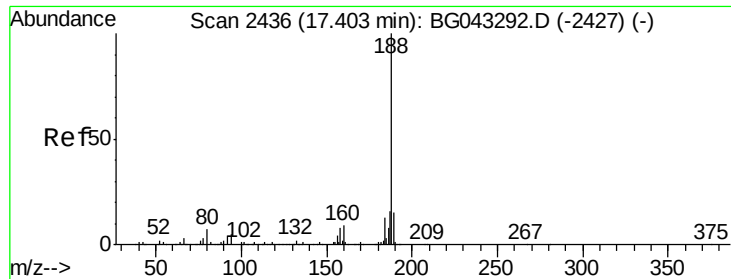
#45
 2-Fluorobiphenyl
 Concen: 93.146 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043302.D
 Acq: 22 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.1	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# 2436

Delta R.T. -0.00 min

Lab File: BG043302.D

Acq: 22 Oct 2019 11:48

Instrument :

BNA_G

ClientSampleId :

PB123945BL

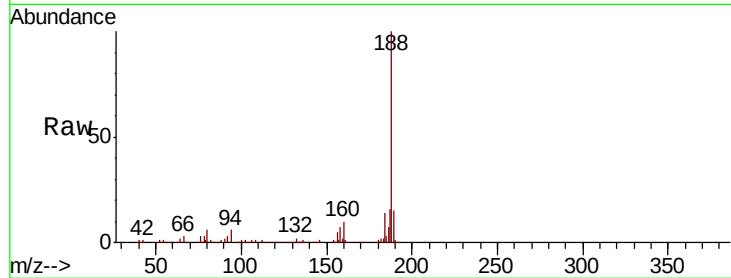
Tot Ion:188 Resp: 260717

Ion Ratio Lower Upper

188 100

94 6.2 4.2 6.2

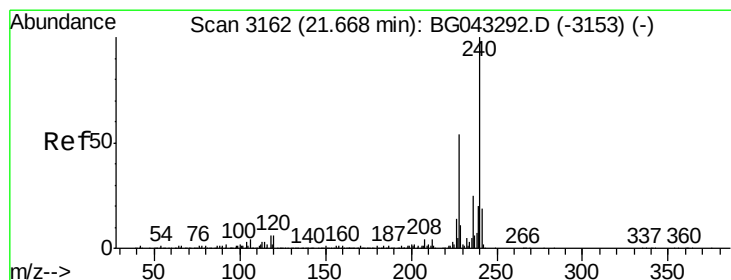
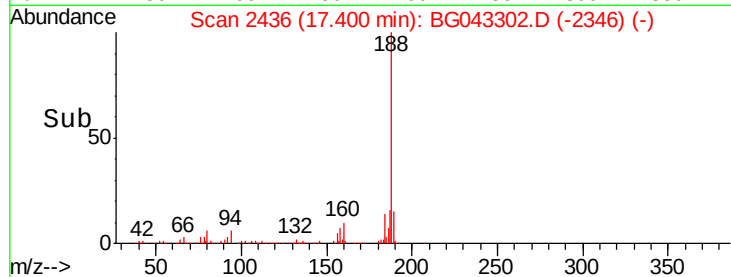
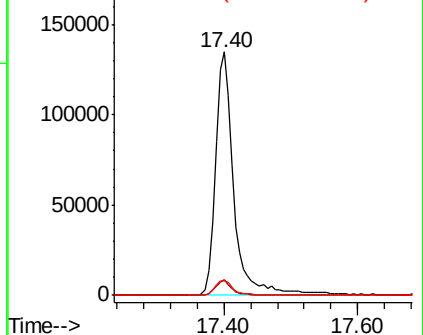
80 6.1 5.2 7.8



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: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043302.D

Acq: 22 Oct 2019 11:48

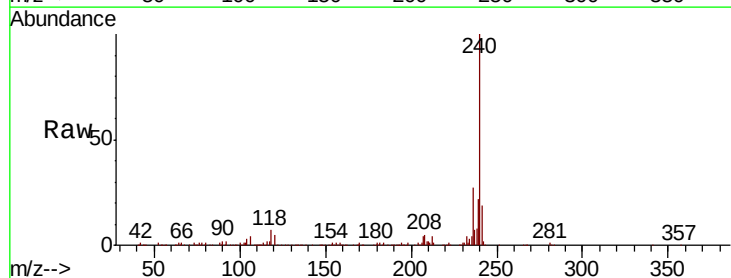
Tgt Ion:240 Resp: 317988

Ion Ratio Lower Upper

240 100

120 5.4 4.6 7.0

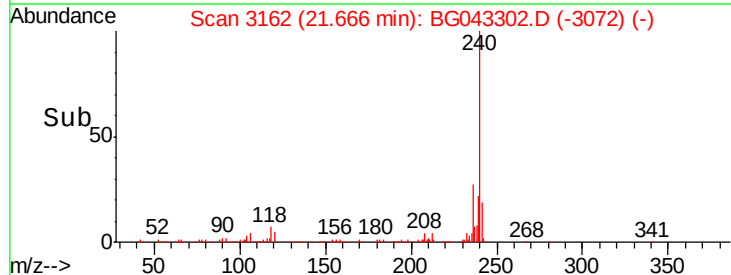
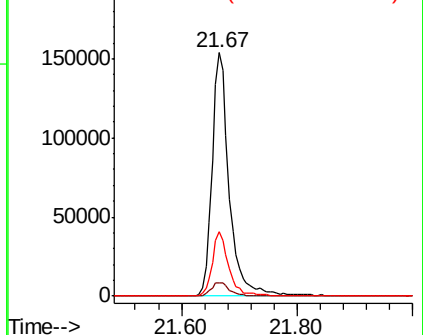
236 26.5 20.2 30.4

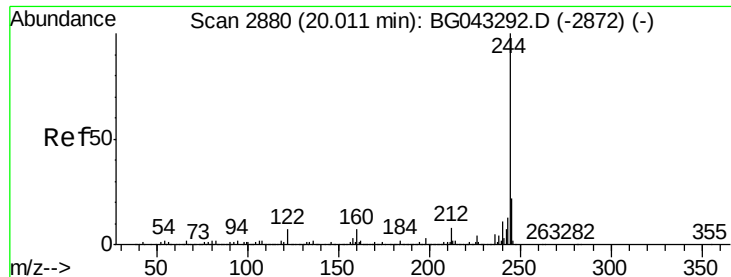


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.363 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043302.D

Acq: 22 Oct 2019 11:48

Instrument :

BNA_G

ClientSampleId :

PB123945BL

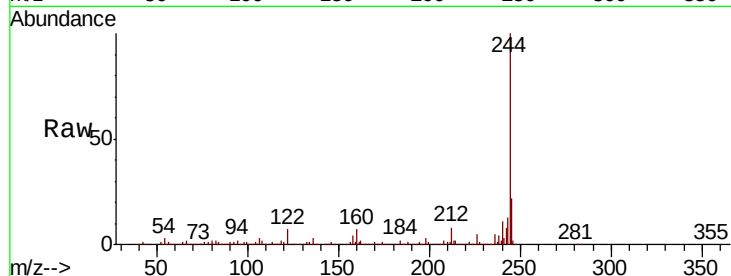
Tot Ion:244 Resp: 1599438

Ion Ratio Lower Upper

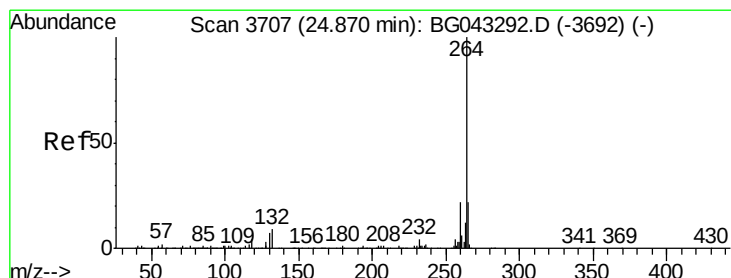
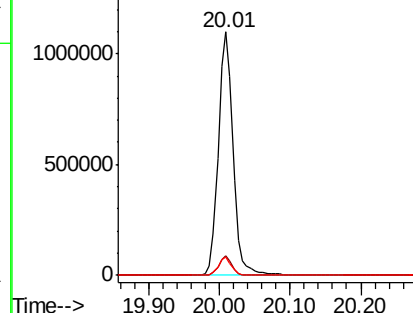
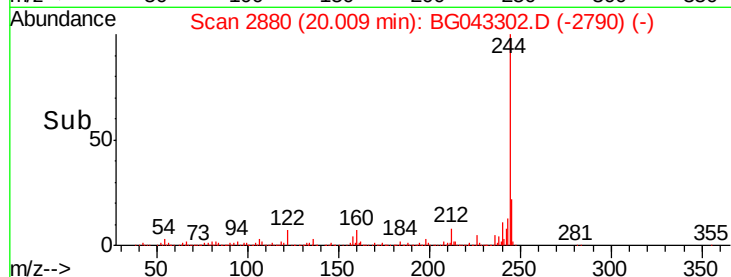
244 100

212 8.0 6.4 9.6

122 7.4 5.3 7.9



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
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: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043302.D

Acq: 22 Oct 2019 11:48

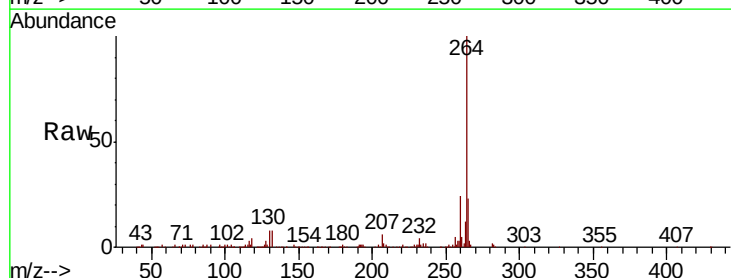
Tgt Ion:264 Resp: 340273

Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

265 22.9 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
100000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

