

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043389.D
 Acq On : 30 Oct 2019 2:02
 Operator : JU
 Sample : PB124392TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124392TB

Quant Time: Oct 30 09:00:33 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	44541	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	160735	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	120283	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	269482	20.00	ng	-0.01
76) Chrysene-d12	21.66	240	300110	20.00	ng	-0.01
87) Perylene-d12	24.85	264	343694	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	309849	127.47	ng	0.00
7) Phenol-d6	7.21	99	441887	126.36	ng	0.00
23) Nitrobenzene-d5	9.18	82	260991	83.71	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	253415	110.71	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	734782	84.41	ng	0.00
79) Terphenyl-d14	20.00	244	1381034	86.33	ng	-0.01

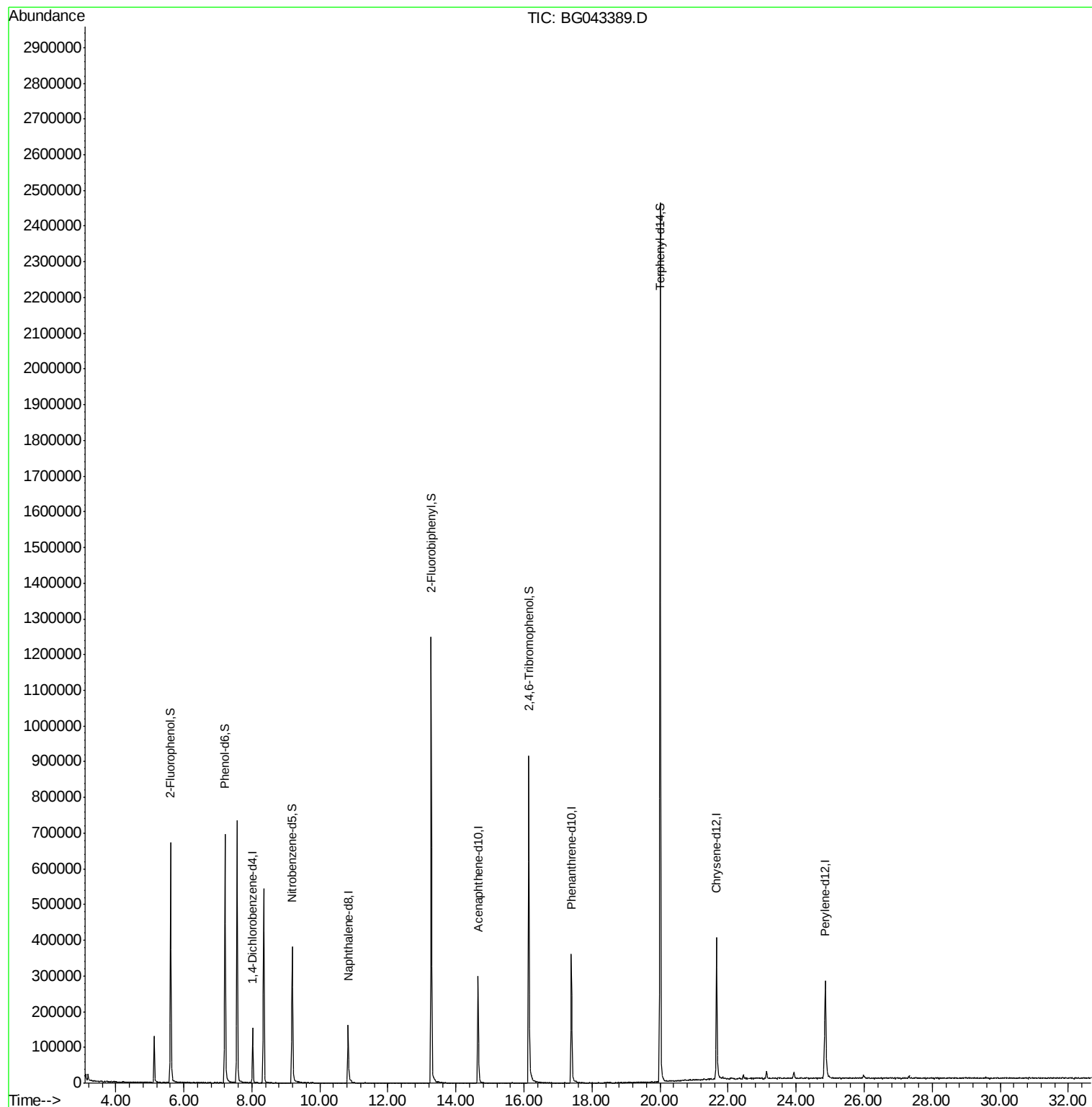
Target Compounds Qvalue

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

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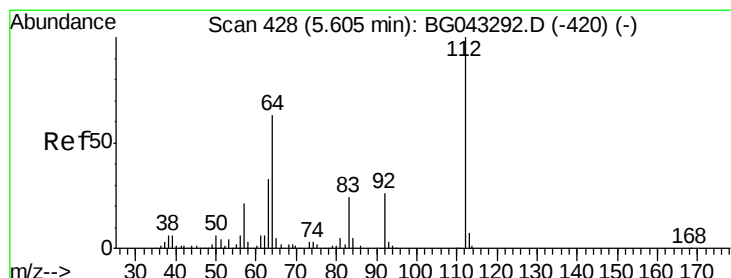
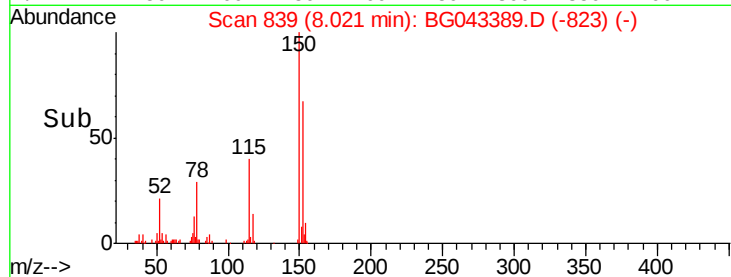
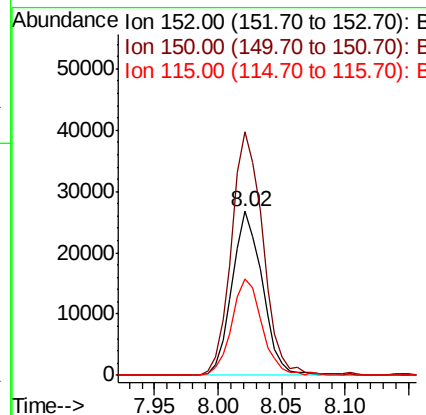
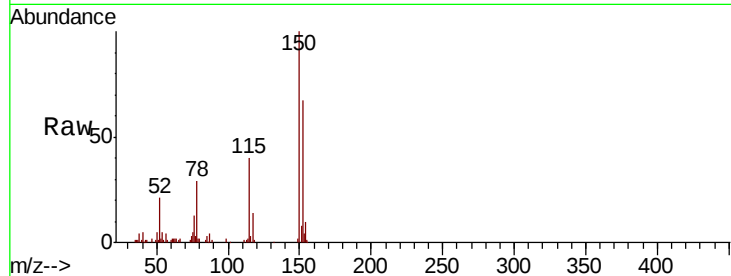


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG043389.D
Acq: 30 Oct 2019 2:02

Instrument :
BNA_G
ClientSampleId :
PB124392TB

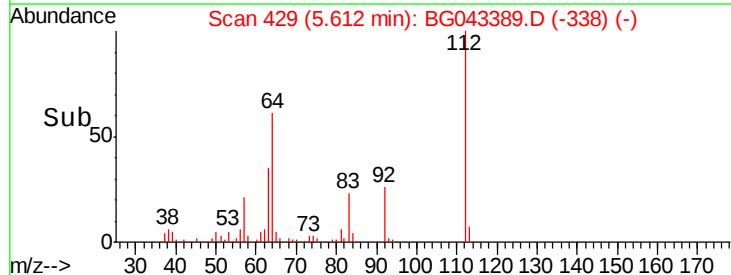
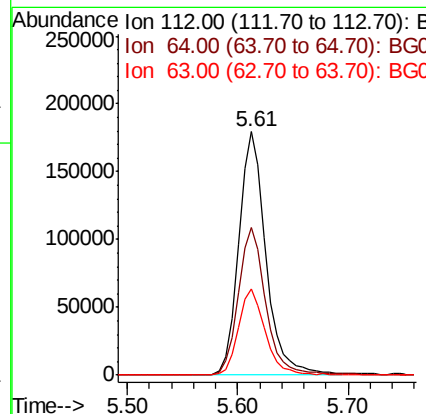
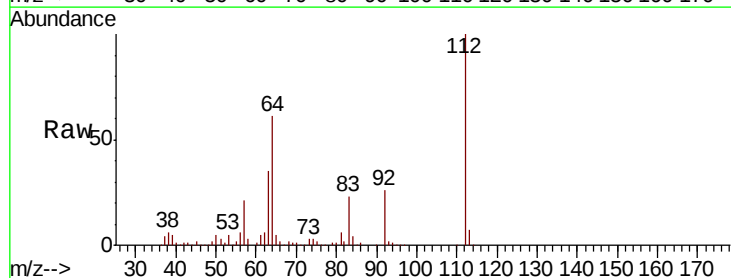
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	113.6	170.4
115	58.9	45.9	68.9



#5

2-Fluorophenol
Concen: 127.474 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043389.D
Acq: 30 Oct 2019 2:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	50.2	75.2
63	35.2	26.7	40.1





#7

Phenol-d6

Concen: 126.355 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043389.D

Acq: 30 Oct 2019 2:02

Instrument :

BNA_G

ClientSampleId :

PB124392TB

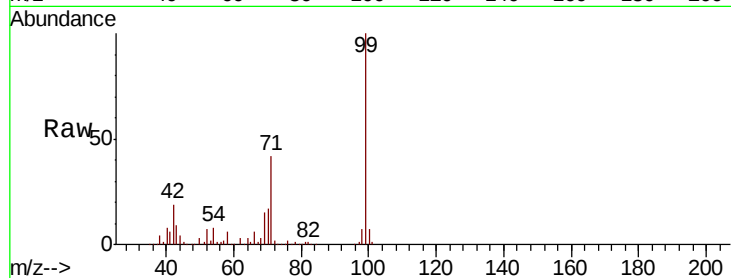
Tot Ion: 99 Resp: 441887

Ion Ratio Lower Upper

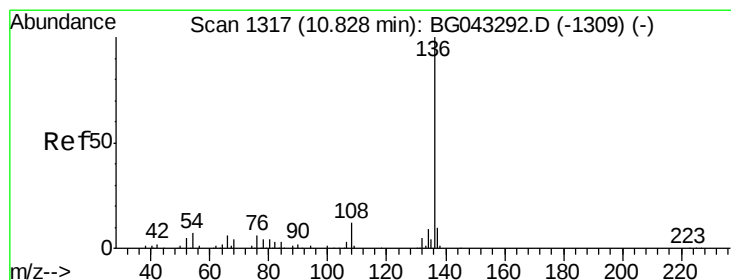
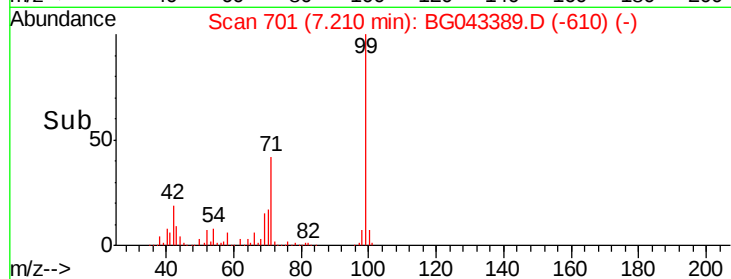
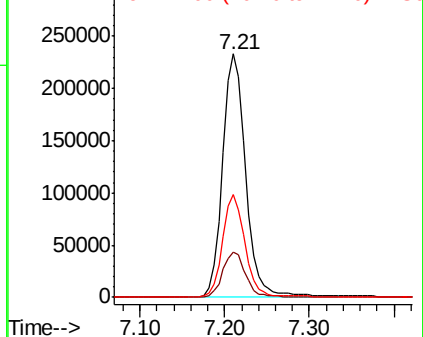
99 100

42 18.8 14.9 22.3

71 42.4 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# 1317

Delta R.T. 0.00 min

Lab File: BG043389.D

Acq: 30 Oct 2019 2:02

Tgt Ion: 136 Resp: 160735

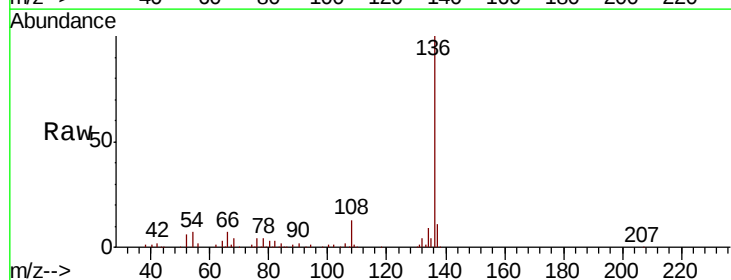
Ion Ratio Lower Upper

136 100

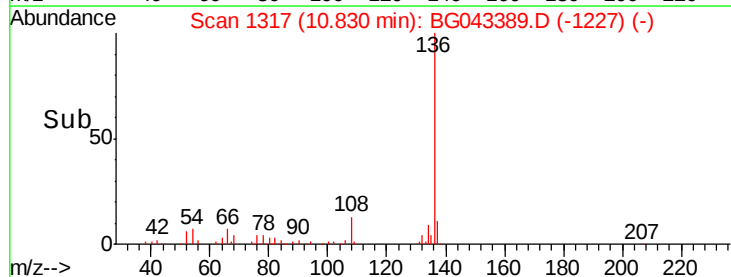
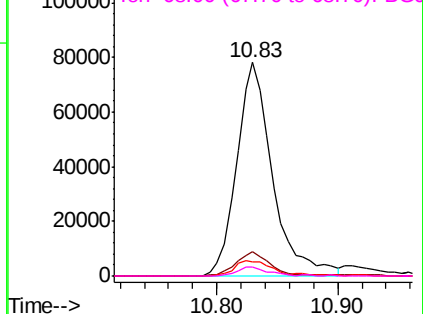
137 11.3 8.2 12.2

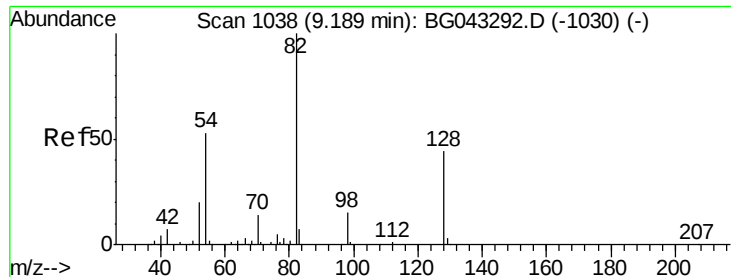
54 6.8 5.4 8.2

68 4.1 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

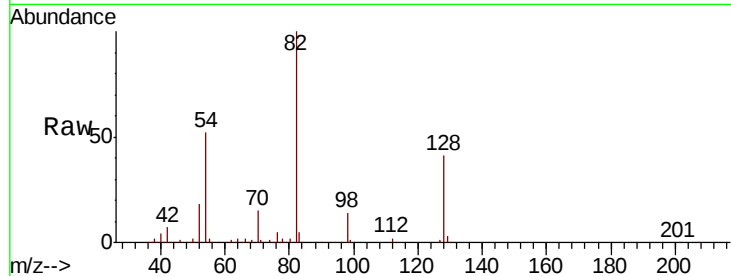




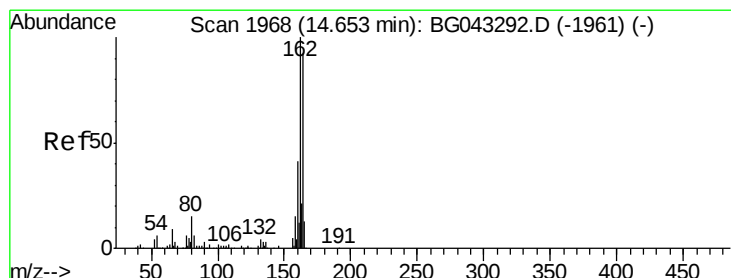
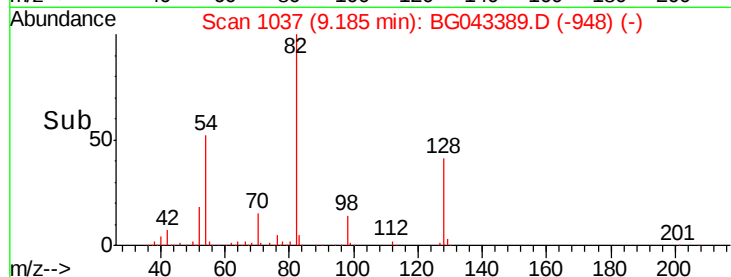
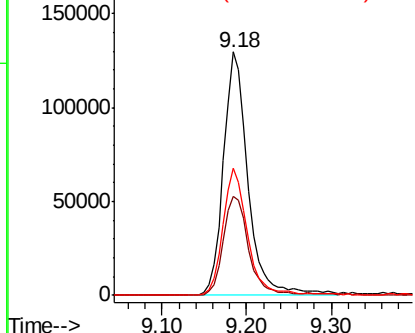
#23
 Nitrobenzene-d5
 Concen: 83.711 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG043389.D
 Acq: 30 Oct 2019 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB124392TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	35.3	52.9
54	52.3	42.3	63.5

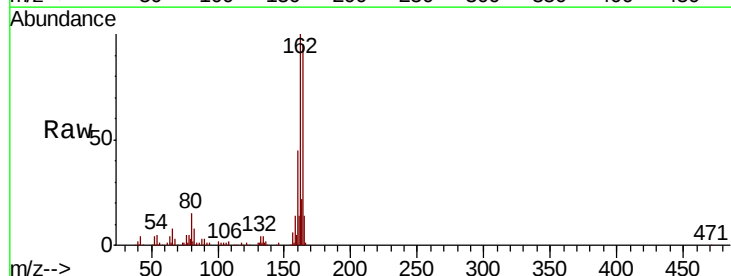


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

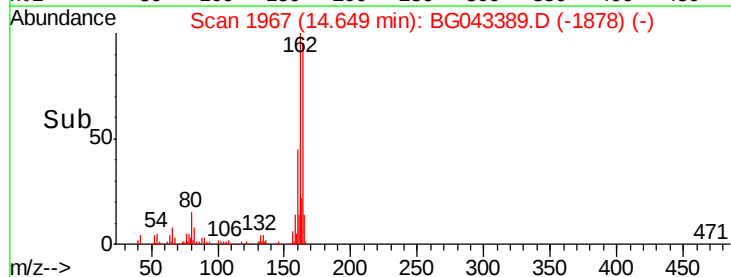
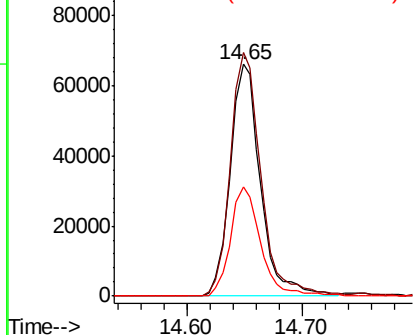


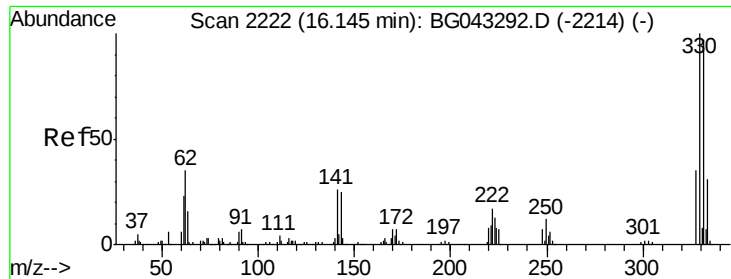
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG043389.D
 Acq: 30 Oct 2019 2:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	87.0	130.4
160	47.1	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

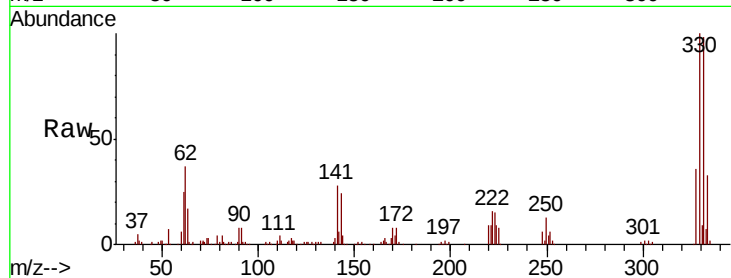




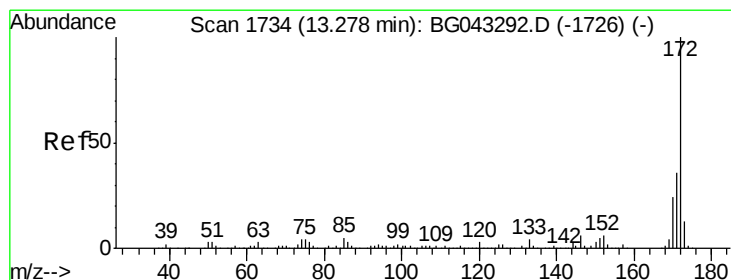
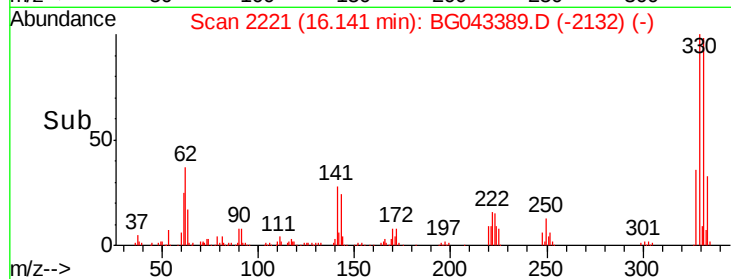
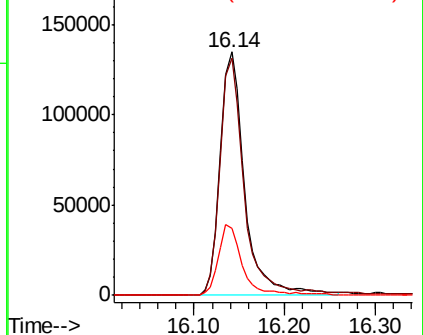
#42
 2,4,6-Tribromophenol
 Concen: 110.710 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG043389.D
 Acq: 30 Oct 2019 2:02

Instrument :
 BNA_G
 ClientSampleId :
 PB124392TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.4	114.6
141	28.5	21.4	32.0

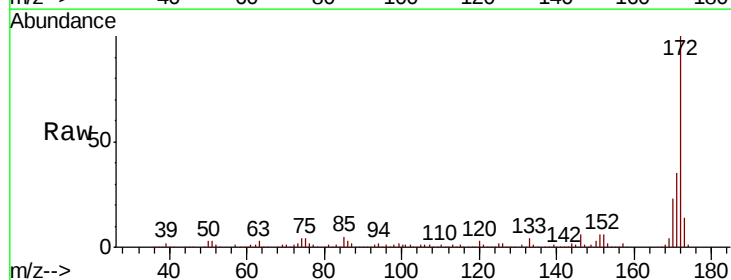


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

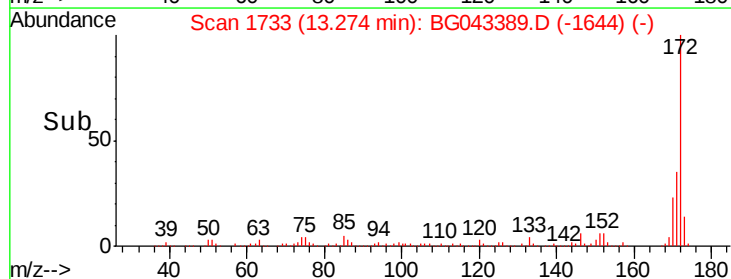
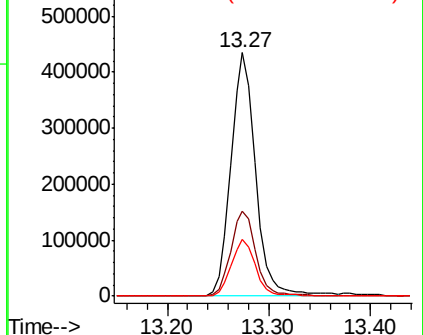


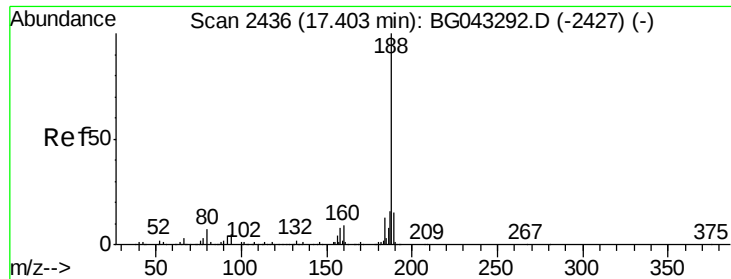
#45
 2-Fluorobiphenyl
 Concen: 84.411 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG043389.D
 Acq: 30 Oct 2019 2:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.5	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: 17.39 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BG043389.D

Acq: 30 Oct 2019 2:02

Instrument :

BNA_G

ClientSampleId :

PB124392TB

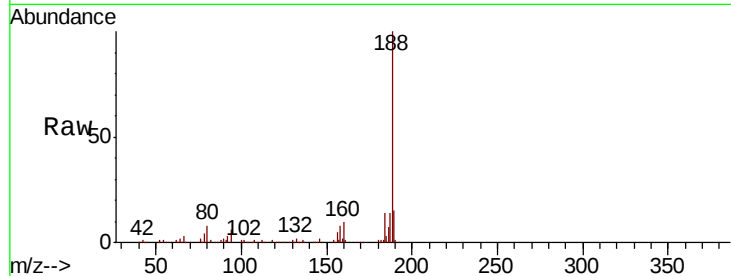
Tot Ion:188 Resp: 269482

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.2

80 7.8 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

200000

150000

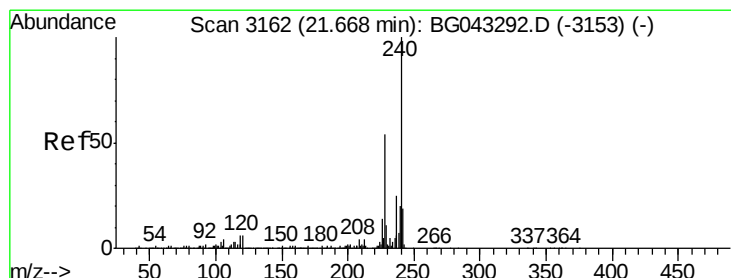
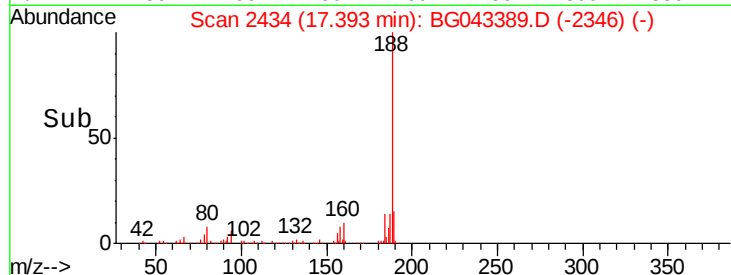
100000

50000

0

17.30 17.40 17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG043389.D

Acq: 30 Oct 2019 2:02

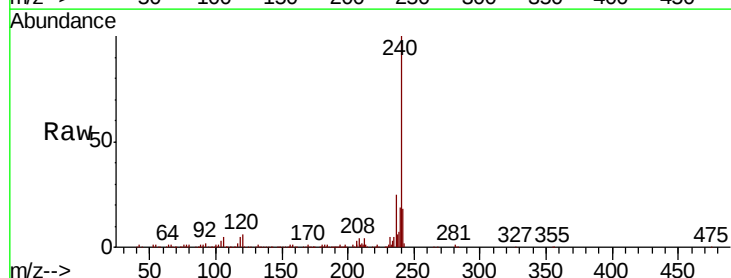
Tgt Ion:240 Resp: 300110

Ion Ratio Lower Upper

240 100

120 5.9 4.6 7.0

236 25.3 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

200000

150000

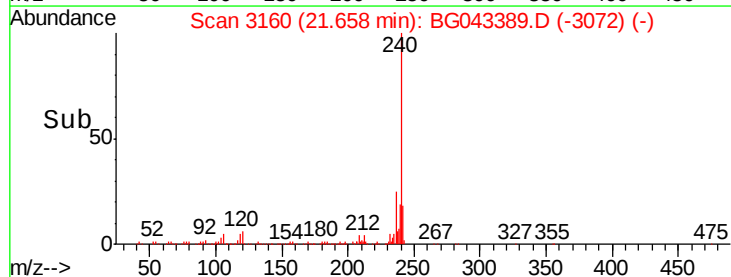
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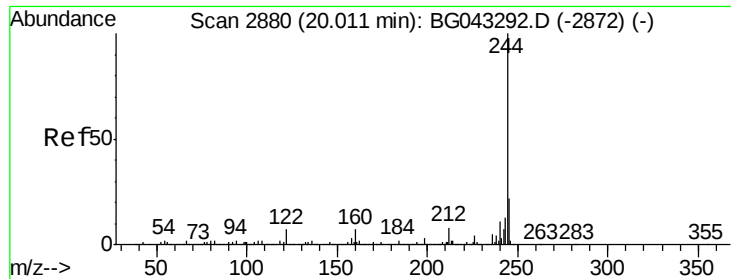
50000

0

21.60 21.70 21.80

Time-->





#79

Terphenyl-d14

Concen: 86.332 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG043389.D

Acq: 30 Oct 2019 2:02

Instrument :

BNA_G

ClientSampleId :

PB124392TB

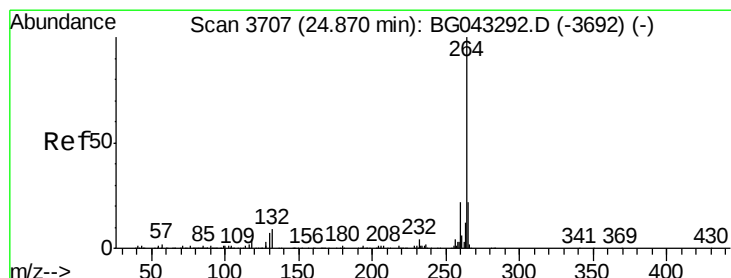
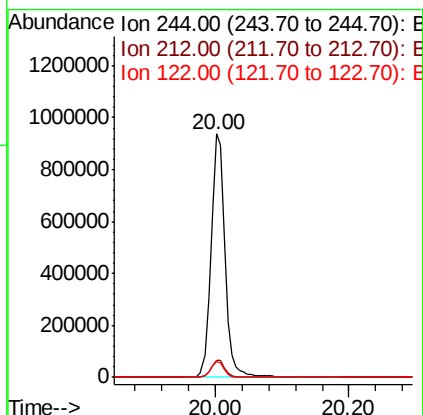
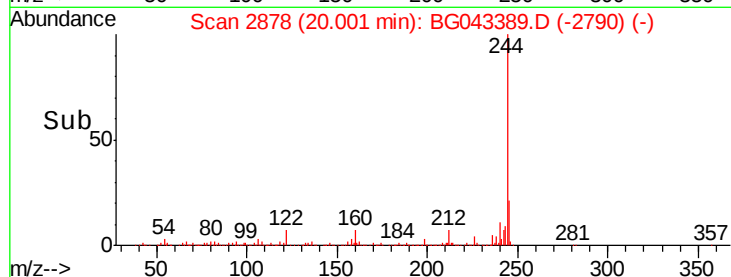
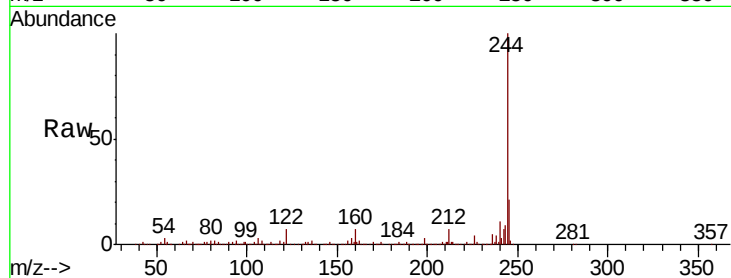
Tot Ion:244 Resp: 1381034

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

122 6.6 5.3 7.9



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG043389.D

Acq: 30 Oct 2019 2:02

Tgt Ion:264 Resp: 343694

Ion Ratio Lower Upper

264 100

260 24.0 17.9 26.9

265 22.2 17.4 26.2

