

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043611.D
 Acq On : 12 Nov 2019 14:43
 Operator : JU
 Sample : K5673-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-110819

Quant Time: Nov 12 15:25:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	35153	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	132280	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	94792	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	217095	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	238946	20.00	ng	-0.01
87) Perylene-d12	24.83	264	278125	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	272711	142.16	ng	0.00
7) Phenol-d6	7.21	99	356482	129.16	ng	0.01
23) Nitrobenzene-d5	9.16	82	228389	89.01	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	211968	117.51	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	596717	86.98	ng	-0.01
79) Terphenyl-d14	19.99	244	1134141	89.05	ng	-0.01

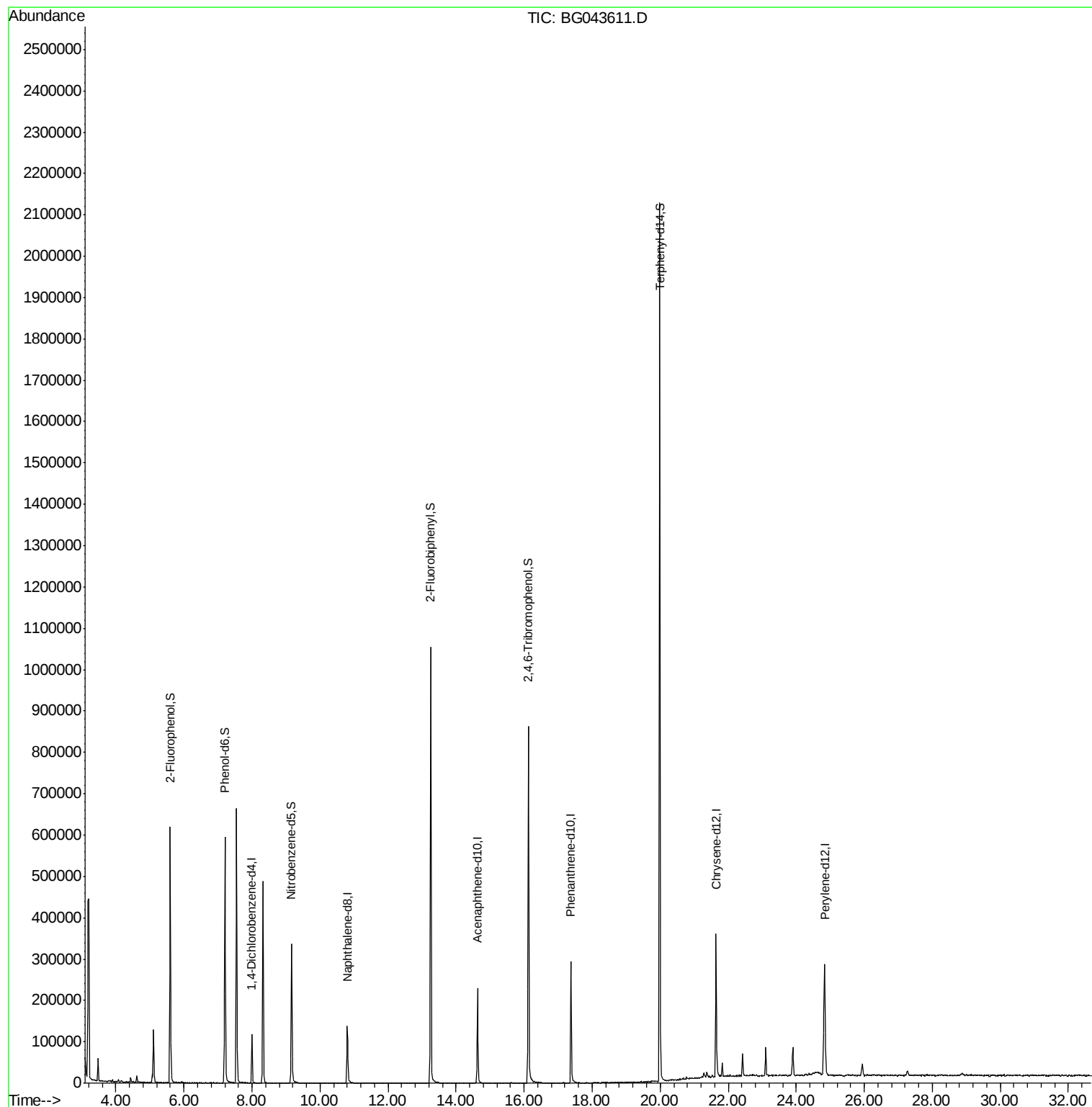
Target Compounds Qvalue

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

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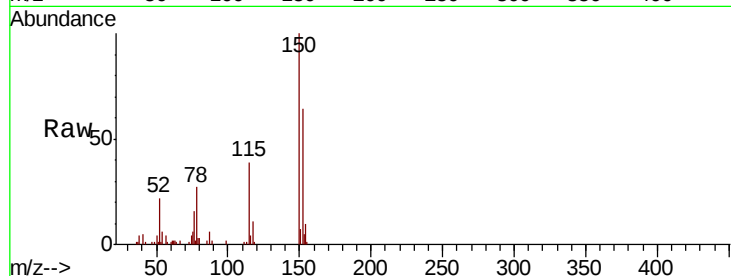


#1

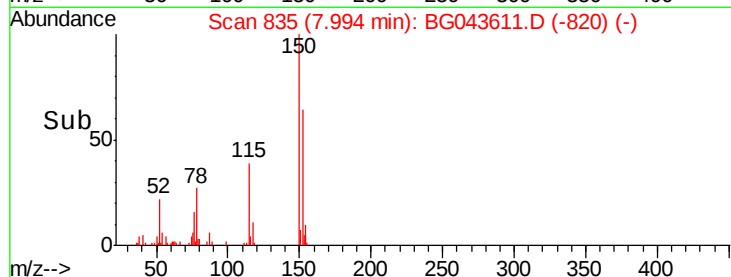
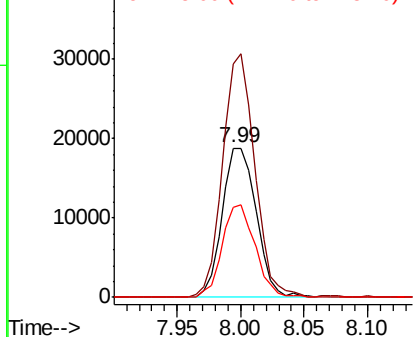
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043611.D
Acq: 12 Nov 2019 14:43

Instrument :
BNA_G
ClientSampleId :
PL-05-110819

Tot Ion:152 Resp: 35153
Ion Ratio Lower Upper
152 100
150 155.7 129.4 194.0
115 60.2 48.8 73.2



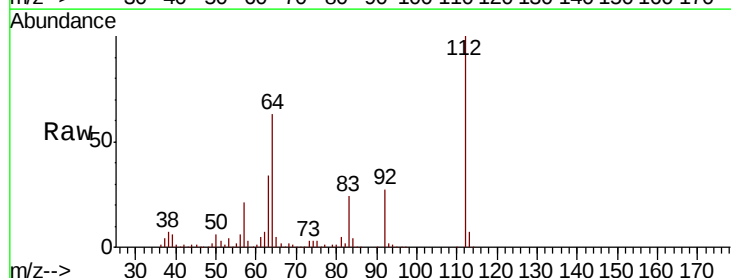
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



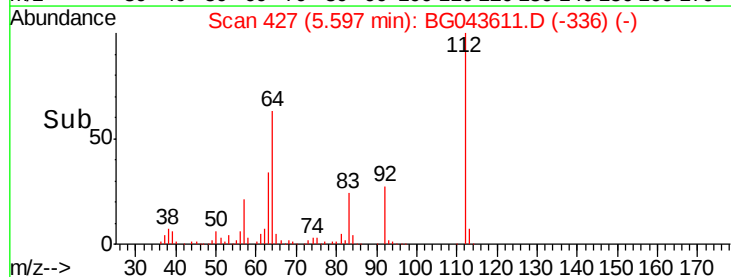
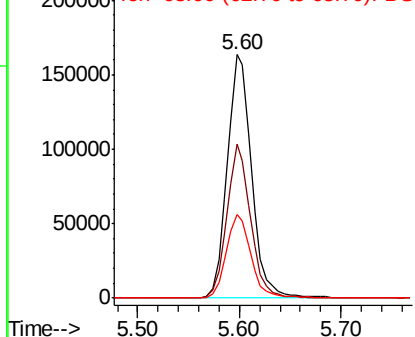
#5

2-Fluorophenol
Concen: 142.158 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043611.D
Acq: 12 Nov 2019 14:43

Tgt Ion:112 Resp: 272711
Ion Ratio Lower Upper
112 100
64 63.1 50.0 75.0
63 34.5 26.6 40.0



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: 129.157 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043611.D

Acq: 12 Nov 2019 14:43

Instrument :

BNA_G

ClientSampleId :

PL-05-110819

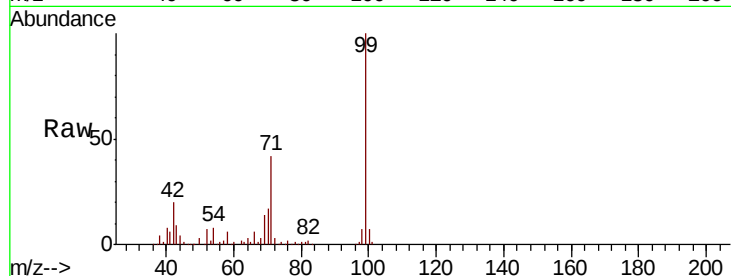
Tot Ion: 99 Resp: 356482

Ion Ratio Lower Upper

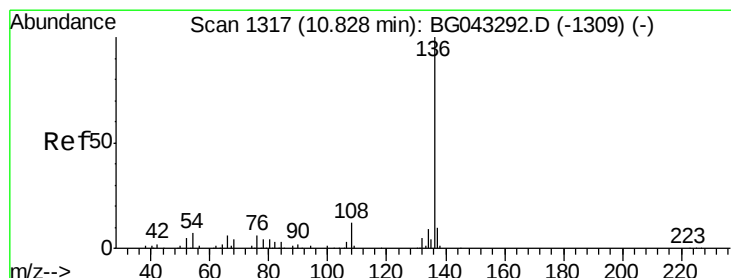
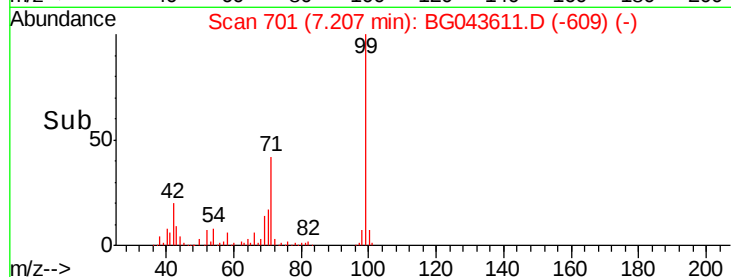
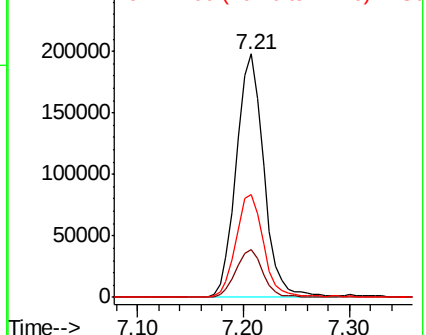
99 100

42 19.8 14.6 21.8

71 42.2 32.5 48.7



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: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043611.D

Acq: 12 Nov 2019 14:43

Tgt Ion: 136 Resp: 132280

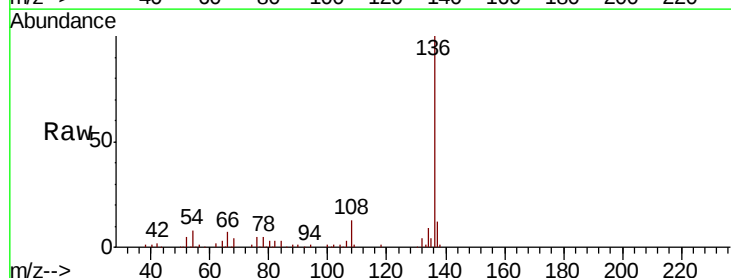
Ion Ratio Lower Upper

136 100

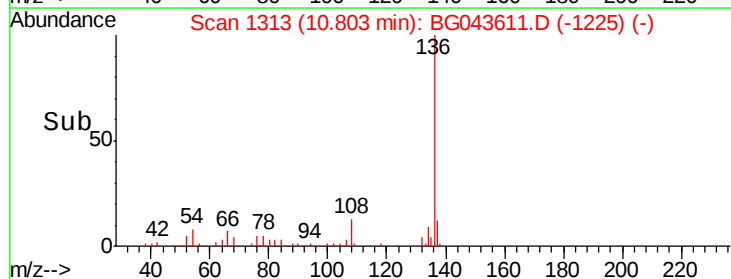
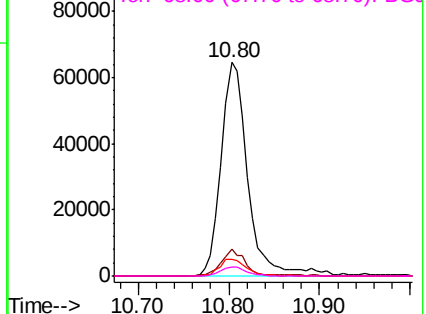
137 12.5 8.7 13.1

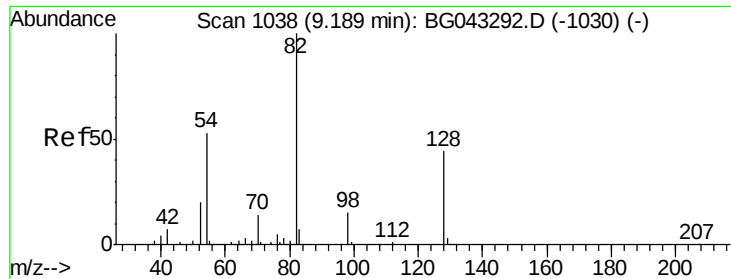
54 7.7 5.4 8.2

68 4.4 3.0 4.4



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

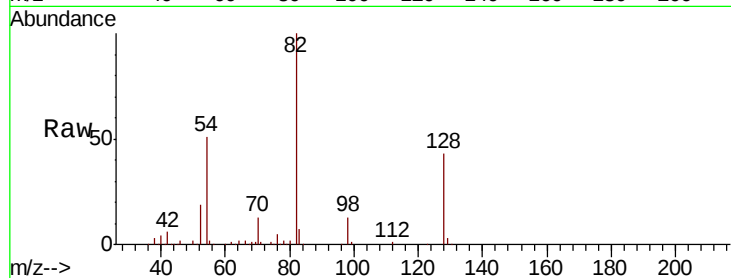




#23
Nitrobenzene-d5
Concen: 89.012 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043611.D
Acq: 12 Nov 2019 14:43

Instrument :
BNA_G
ClientSampleId :
PL-05-110819

Tot Ion	82	Resp	228389
Ion Ratio	Lower	Upper	
82	100		
128	42.8	35.0	52.6
54	50.7	40.2	60.2

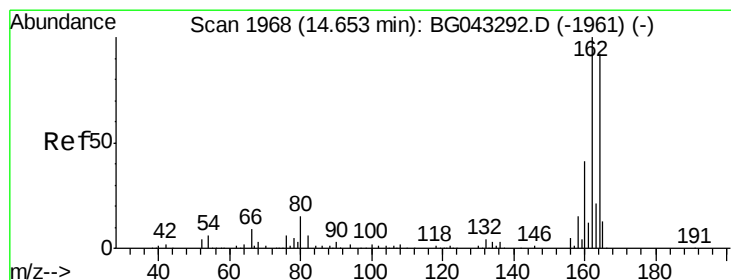
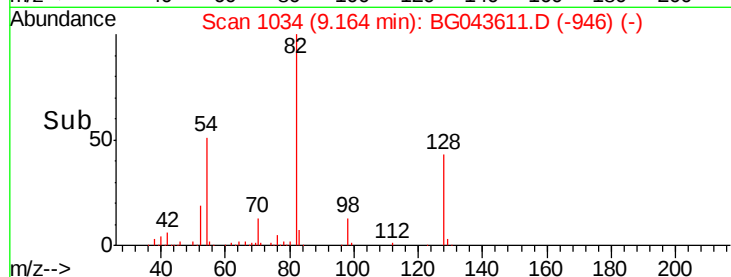
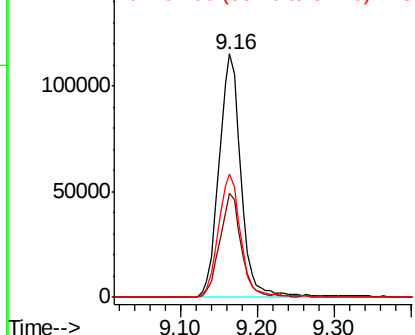


Abundance

Ion 82.00 (81.70 to 82.70): BGC

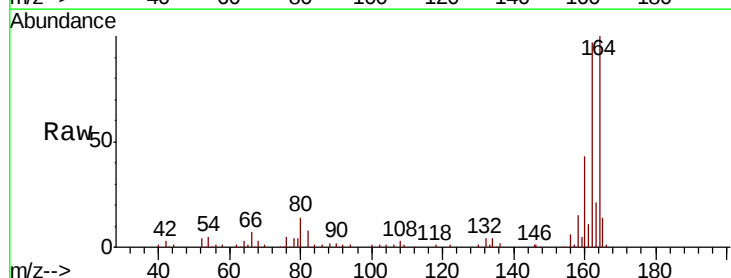
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043611.D
Acq: 12 Nov 2019 14:43

Tgt Ion	164	Resp	94792
Ion Ratio	Lower	Upper	
164	100		
162	96.7	83.5	125.3
160	42.8	36.5	54.7

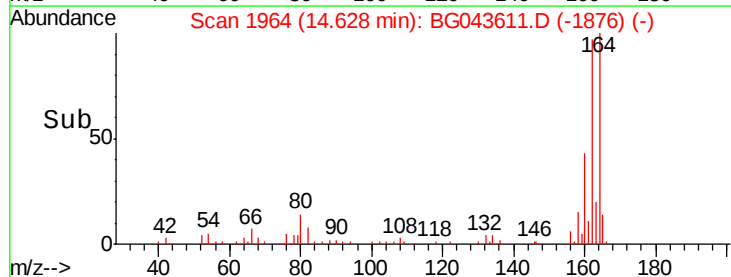
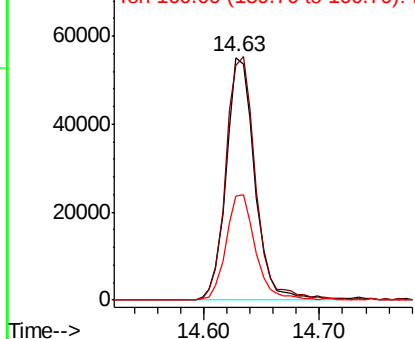


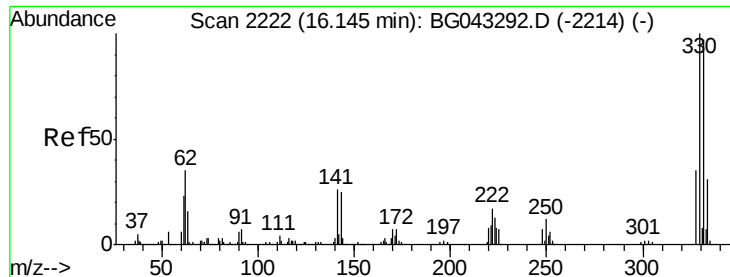
Abundance

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

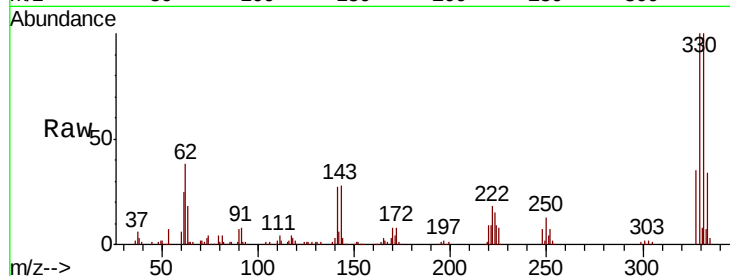




#42
 2,4,6-Tribromophenol
 Concen: 117.506 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG043611.D
 Acq: 12 Nov 2019 14:43

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-110819

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	27.7	22.8	34.2

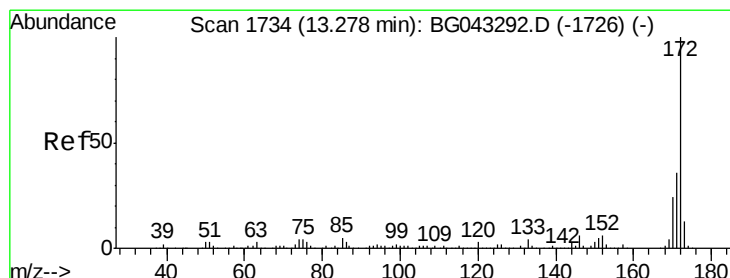
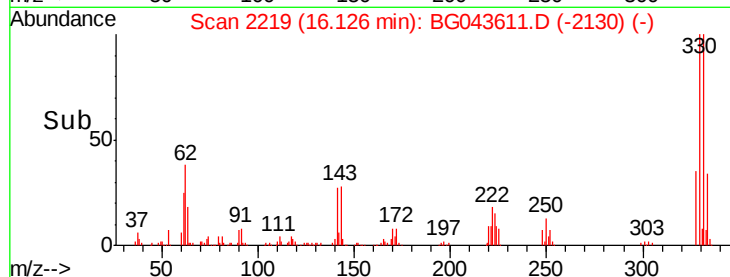
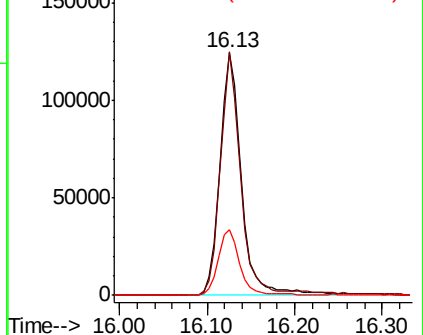


Abundance

Ion 329.80 (329.50 to 330.50): E

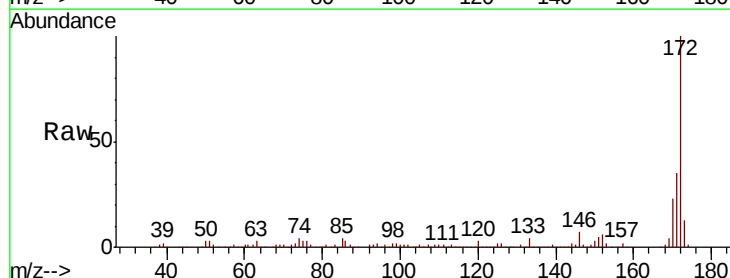
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.985 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG043611.D
 Acq: 12 Nov 2019 14:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.9	43.3
170	22.9	18.5	27.7

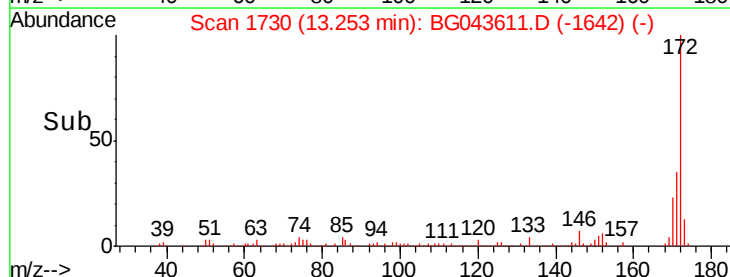
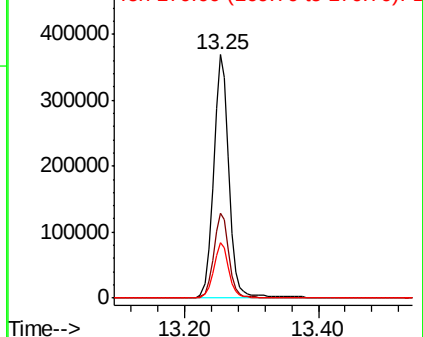


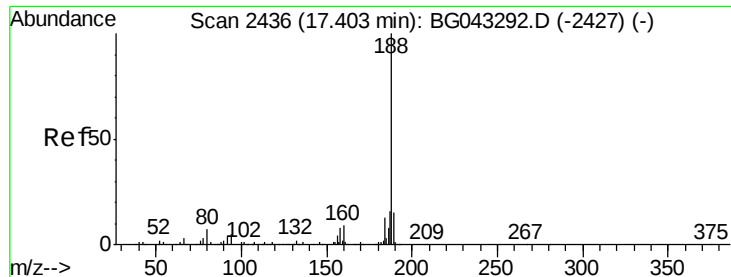
Abundance

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

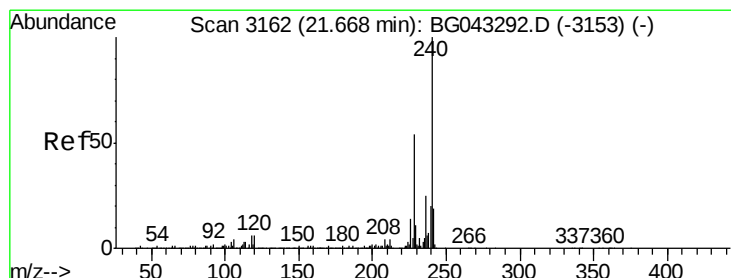
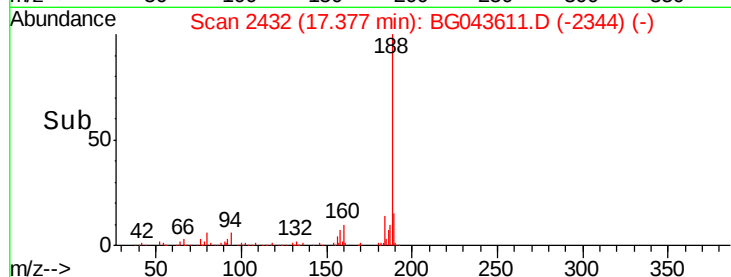
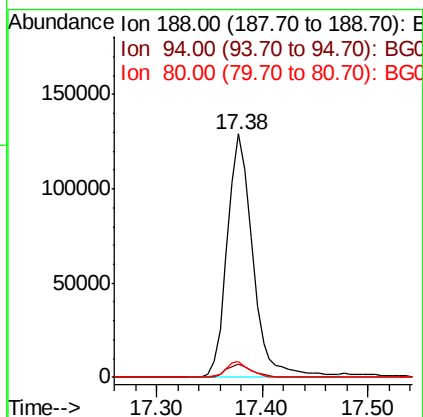
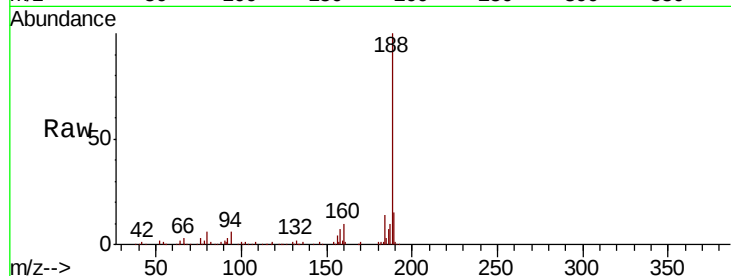




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043611.D
Acq: 12 Nov 2019 14:43

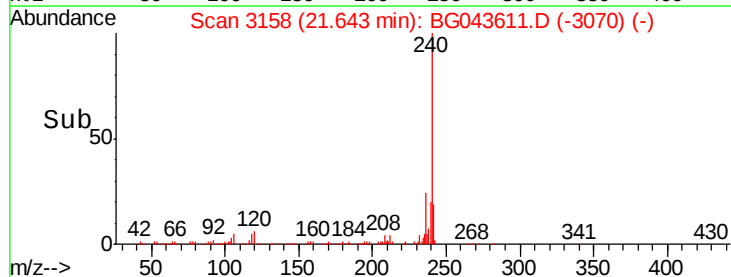
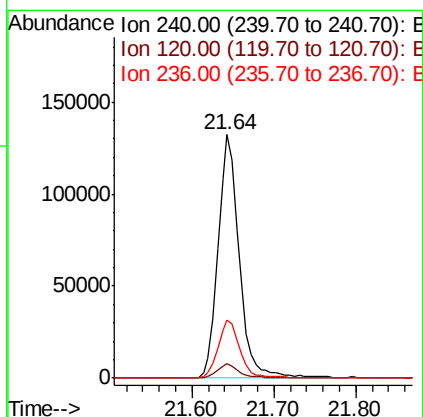
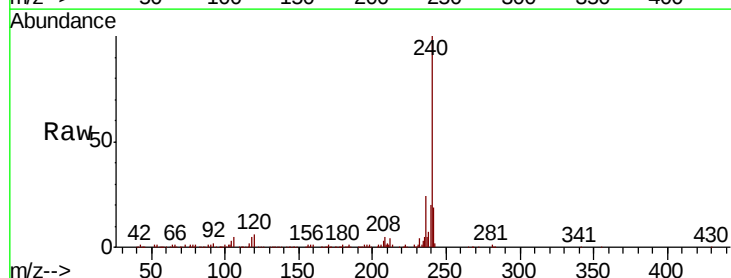
Instrument :
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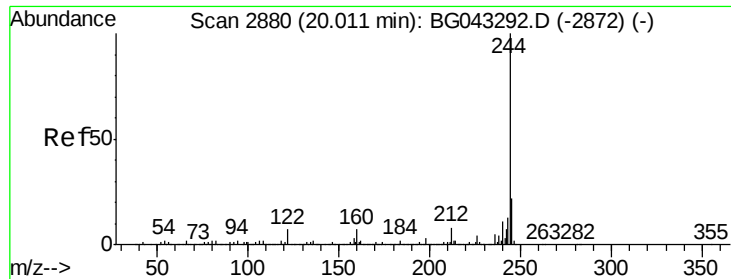
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.4
80	6.2	4.5	6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043611.D
Acq: 12 Nov 2019 14:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.6	6.8
236	23.9	19.8	29.8

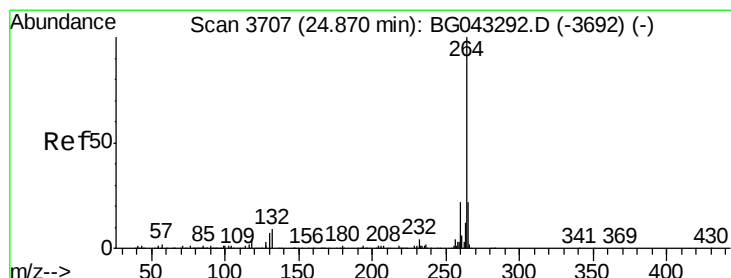
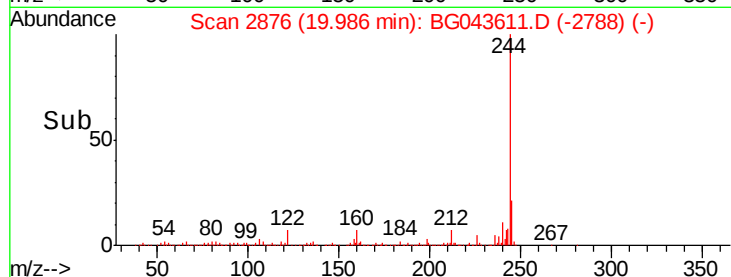
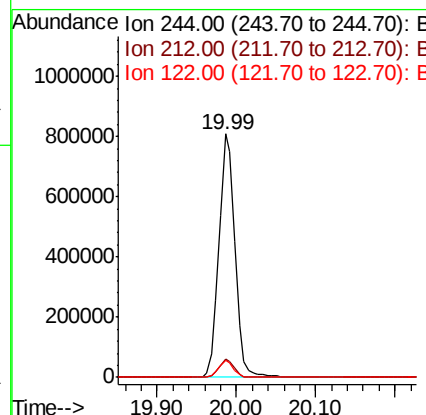
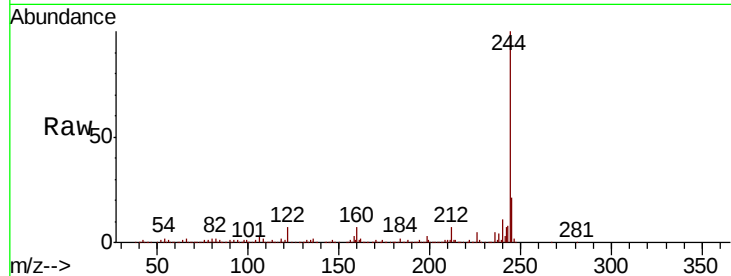




#79
 Terphenyl-d14
 Concen: 89.046 ng
 RT: 19.99 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BG043611.D
 Acq: 12 Nov 2019 14:43

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-110819

Tot Ion:244 Resp: 1134141
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 7.0 5.4 8.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3701
 Delta R.T. -0.02 min
 Lab File: BG043611.D
 Acq: 12 Nov 2019 14:43

Tgt Ion:264 Resp: 278125
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.5 26.3
 265 23.2 17.4 26.0

