

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043631.D
 Acq On : 14 Nov 2019 13:22
 Operator : JU
 Sample : PB124780BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124780BL

Quant Time: Nov 15 02:20:26 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	8.00	152	26483	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	98127	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	73713	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	189440	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	208394	20.00	ng	-0.02
87) Perylene-d12	24.82	264	246339	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	254120	175.83	ng	0.00
7) Phenol-d6	7.20	99	351992	169.28	ng	0.00
23) Nitrobenzene-d5	9.16	82	203770	107.06	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	221564	157.95	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	578463	108.44	ng	-0.02
79) Terphenyl-d14	19.99	244	1291594	116.28	ng	-0.01

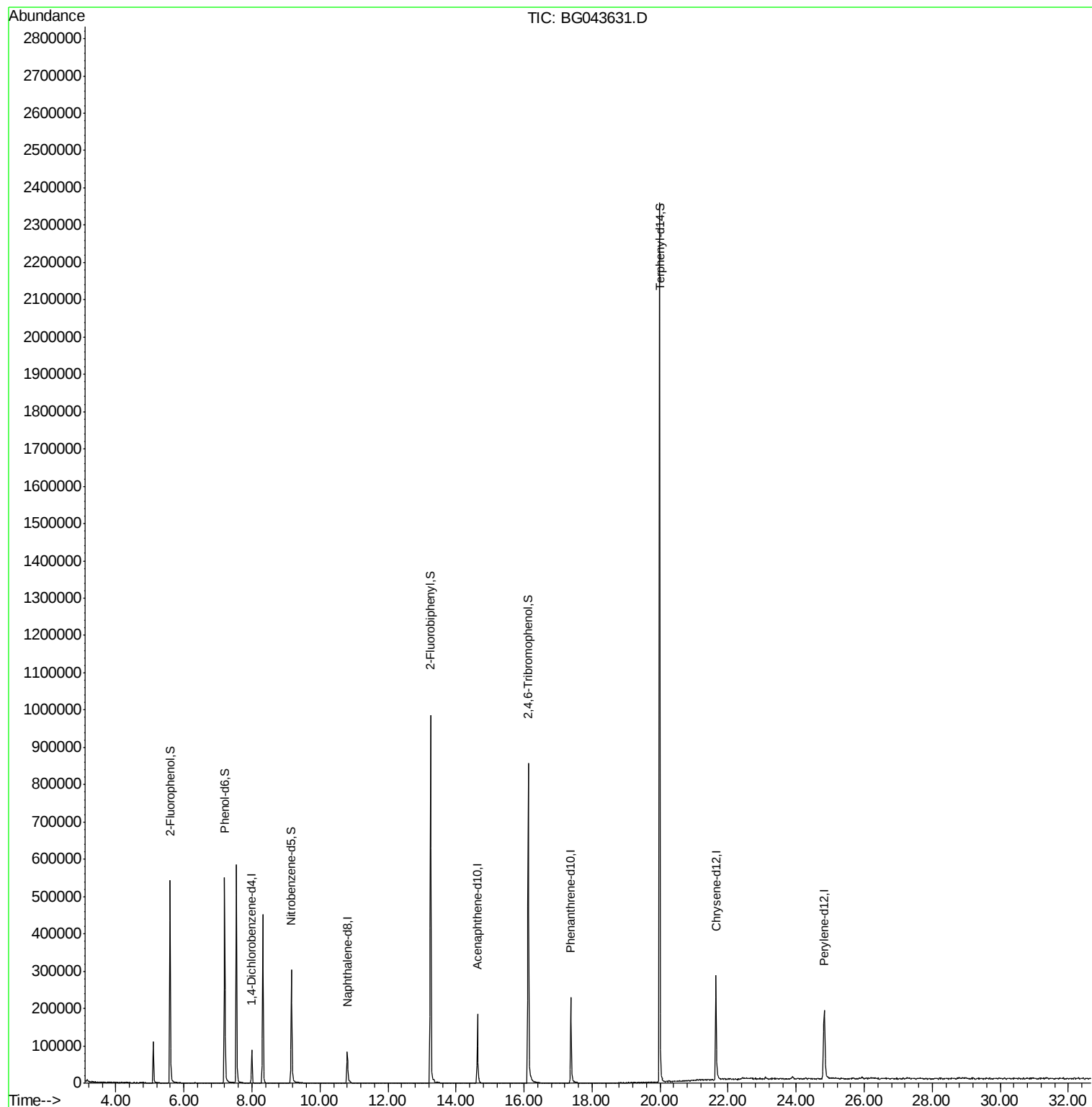
Target Compounds Qvalue

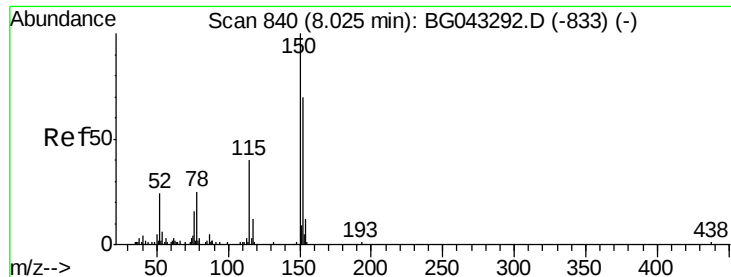
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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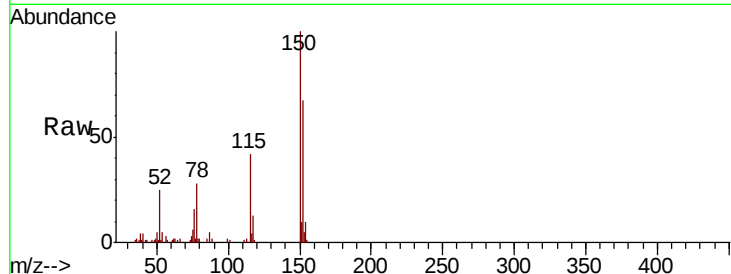


#1

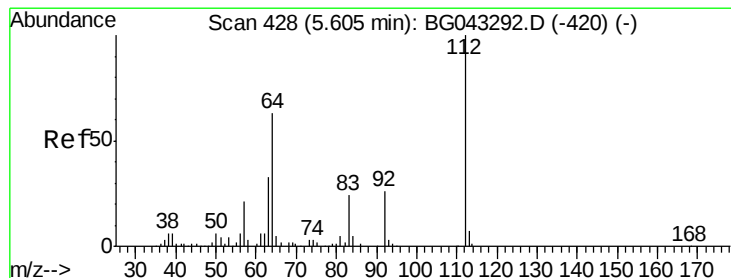
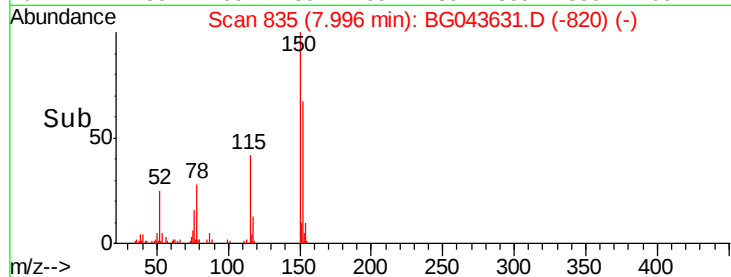
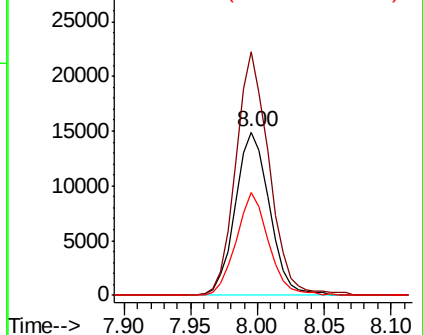
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043631.D
Acq: 14 Nov 2019 13:22

Instrument :
BNA_G
ClientSampleId :
PB124780BL

Tot Ion:152 Resp: 26483
Ion Ratio Lower Upper
152 100
150 148.9 129.4 194.0
115 62.5 48.8 73.2



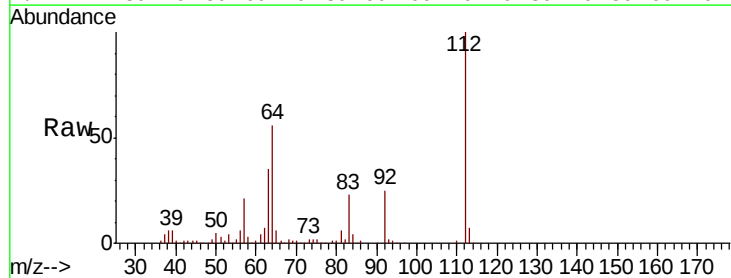
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



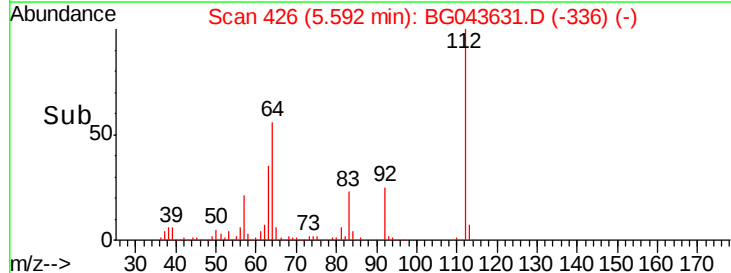
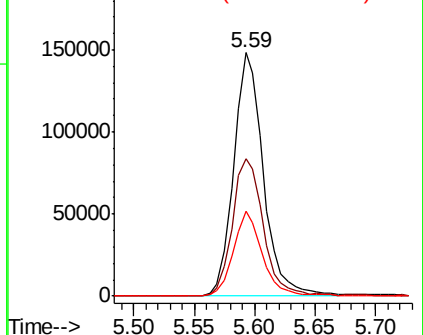
#5

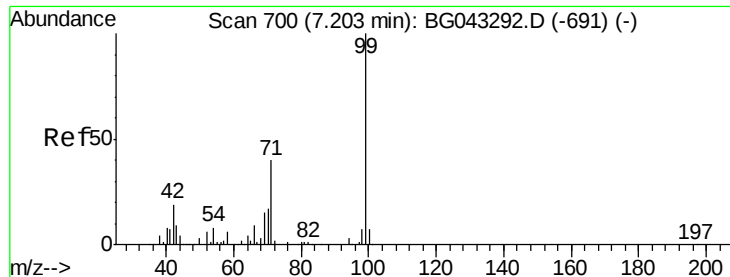
2-Fluorophenol
Concen: 175.834 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG043631.D
Acq: 14 Nov 2019 13:22

Tgt Ion:112 Resp: 254120
Ion Ratio Lower Upper
112 100
64 56.3 50.0 75.0
63 35.0 26.6 40.0



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: 169.281 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043631.D

Acq: 14 Nov 2019 13:22

Instrument :

BNA_G

ClientSampleId :

PB124780BL

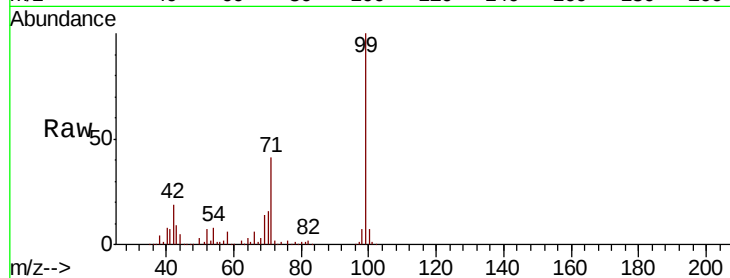
Tot Ion: 99 Resp: 351992

Ion Ratio Lower Upper

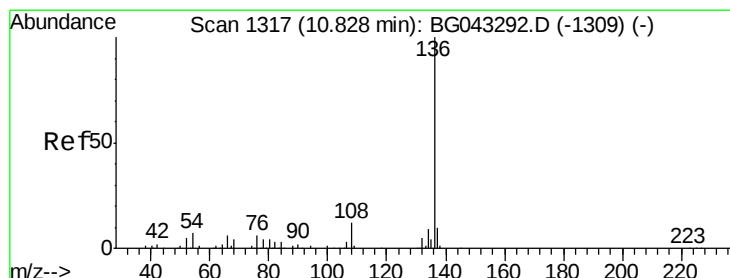
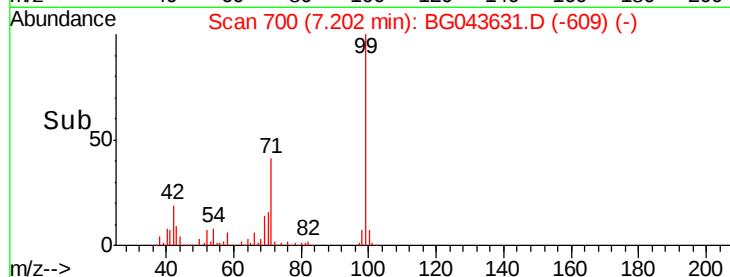
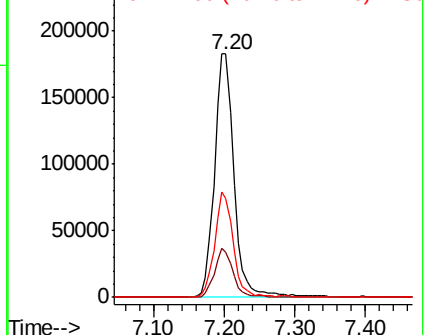
99 100

42 18.8 14.6 21.8

71 40.9 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: BG043631.D

Acq: 14 Nov 2019 13:22

Tgt Ion: 136 Resp: 98127

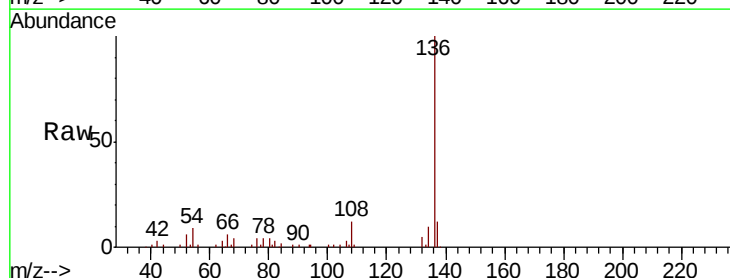
Ion Ratio Lower Upper

136 100

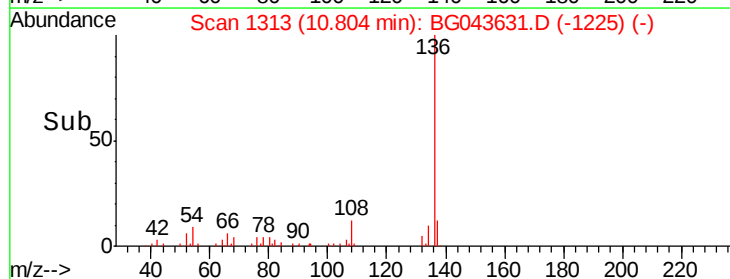
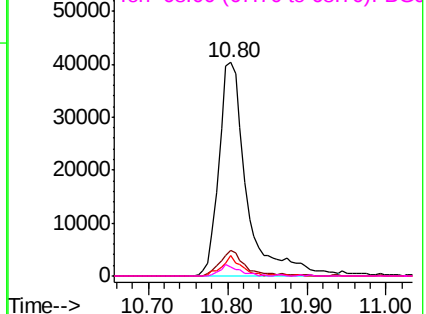
137 11.8 8.7 13.1

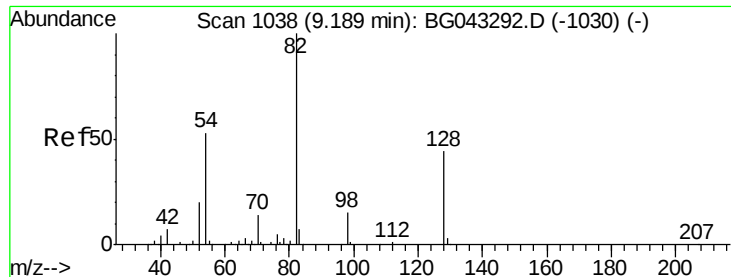
54 9.5 5.4 8.2#

68 4.2 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

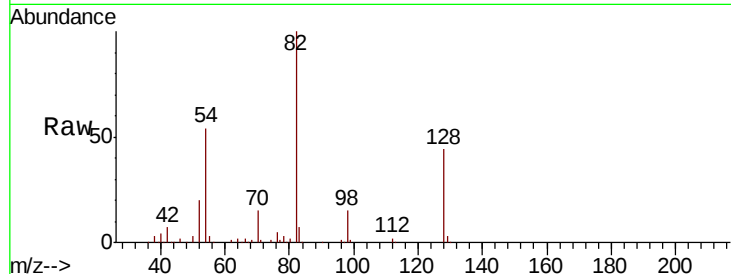




#23
Nitrobenzene-d5
Concen: 107.058 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043631.D
Acq: 14 Nov 2019 13:22

Instrument :
BNA_G
ClientSampleId :
PB124780BL

Tot Ion	82	Resp	203770
Ion Ratio	Lower	Upper	
82	100		
128	43.5	35.0	52.6
54	53.5	40.2	60.2

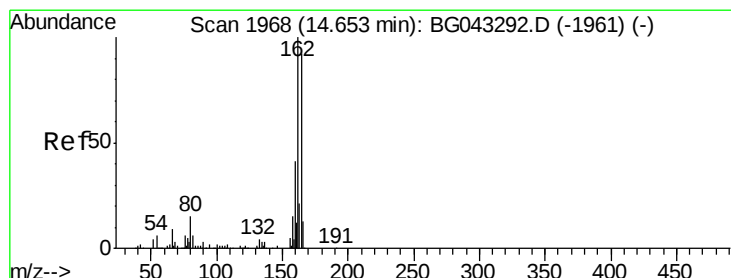
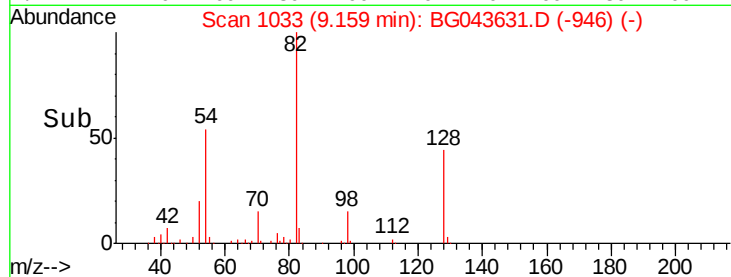
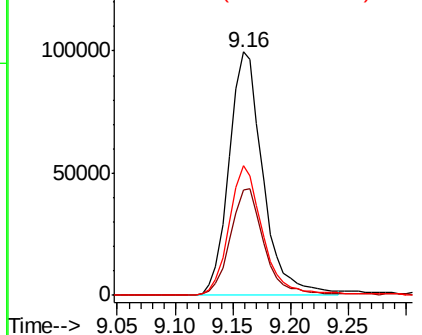


Abundance

Ion 82.00 (81.70 to 82.70): BGC

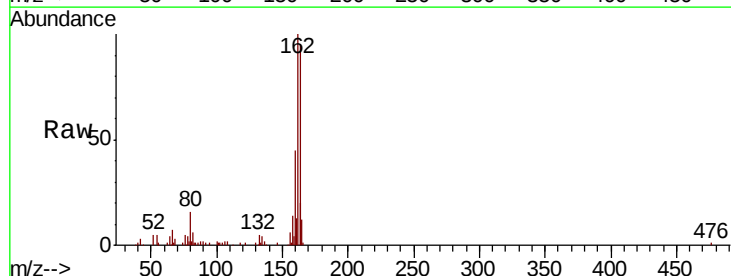
Ion 128.00 (127.70 to 128.70): BGC

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: BG043631.D
Acq: 14 Nov 2019 13:22

Tgt Ion	164	Resp	73713
Ion Ratio	Lower	Upper	
164	100		
162	105.2	83.5	125.3
160	46.9	36.5	54.7

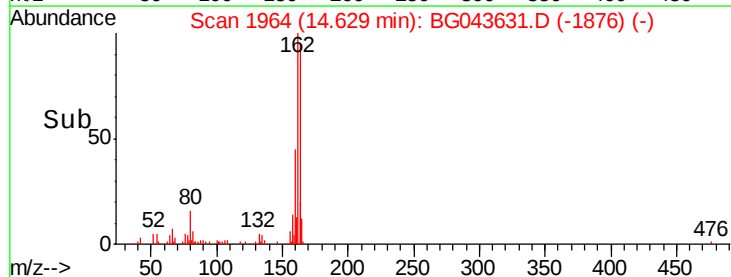
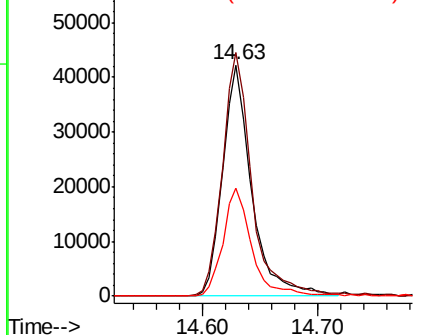


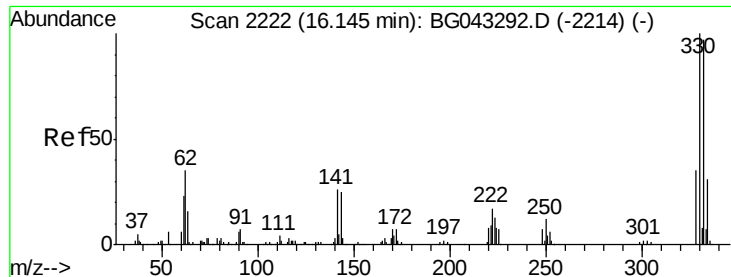
Abundance

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

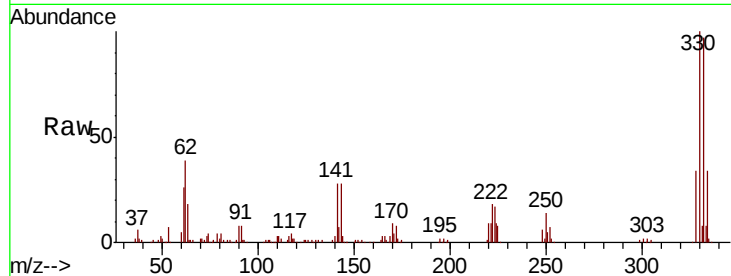




#42
 2,4,6-Tribromophenol
 Concen: 157.949 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG043631.D
 Acq: 14 Nov 2019 13:22

Instrument :
 BNA_G
 ClientSampleId :
 PB124780BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	28.1	22.8	34.2

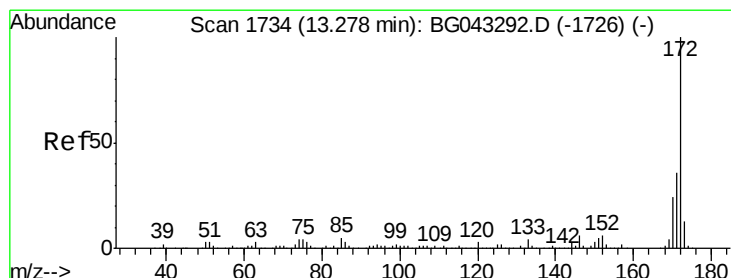
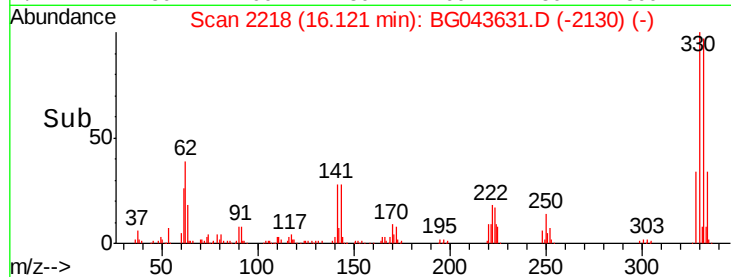
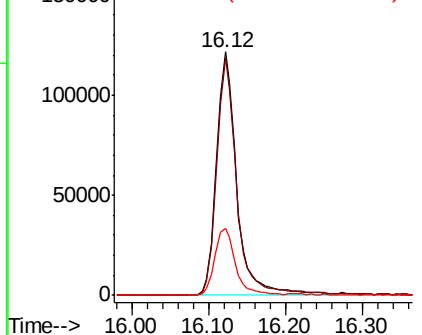


Abundance

Ion 329.80 (329.50 to 330.50): E

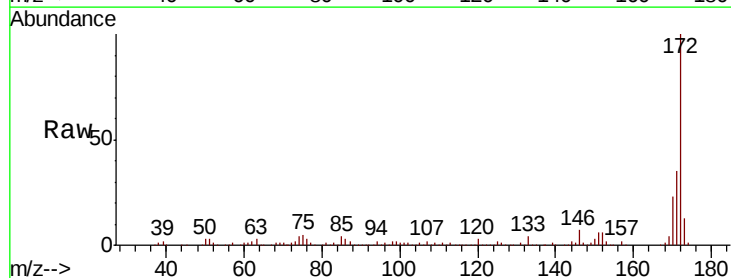
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 108.437 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043631.D
 Acq: 14 Nov 2019 13:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.1	18.5	27.7

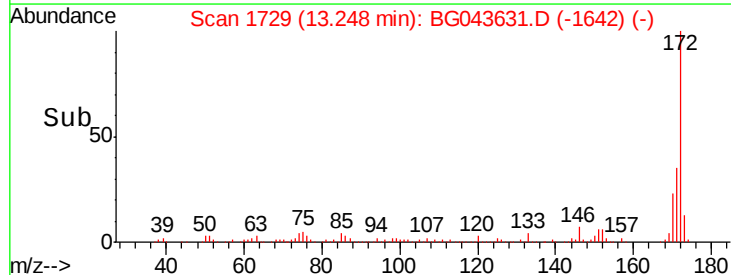
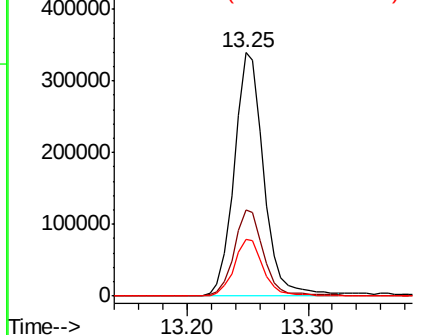


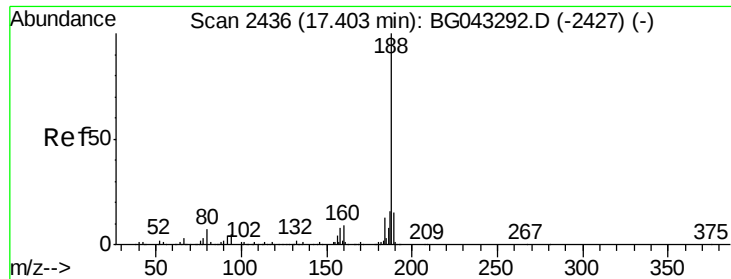
Abundance

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

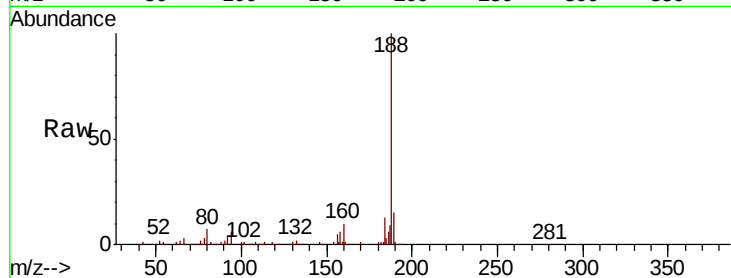




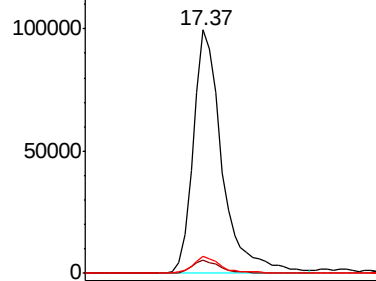
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043631.D
Acq: 14 Nov 2019 13:22

Instrument :
BNA_G
ClientSampleId :
PB124780BL

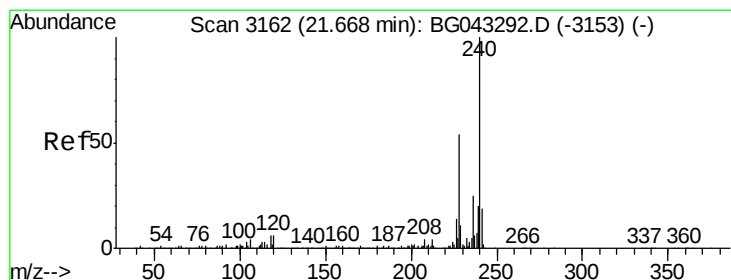
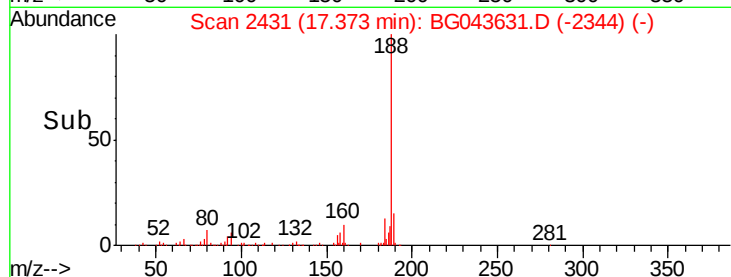
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.4
80	7.1	4.5	6.7#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

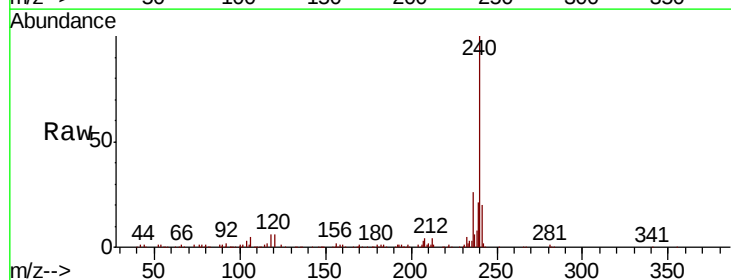


Time-->

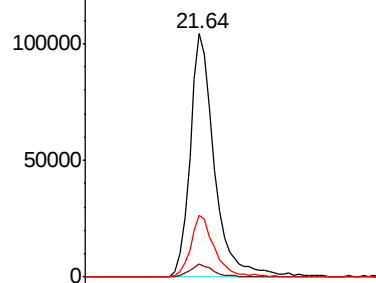


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.02 min
Lab File: BG043631.D
Acq: 14 Nov 2019 13:22

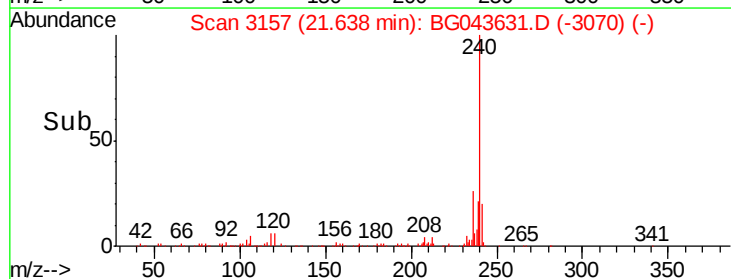
Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.6	6.8
236	25.5	19.8	29.8

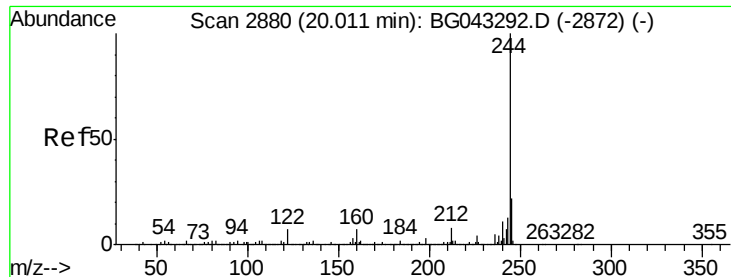


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 116.275 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043631.D

Acq: 14 Nov 2019 13:22

Instrument :

BNA_G

ClientSampleId :

PB124780BL

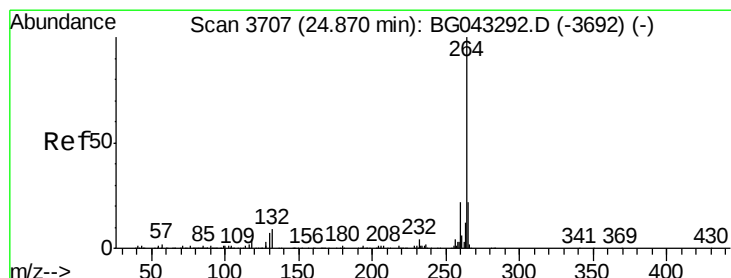
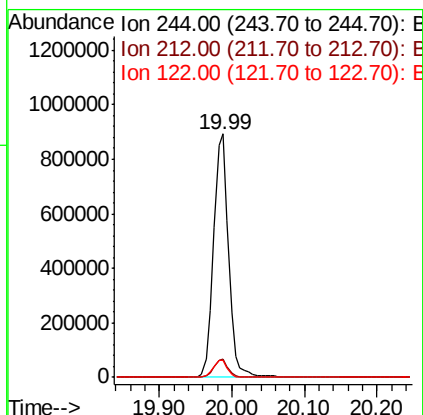
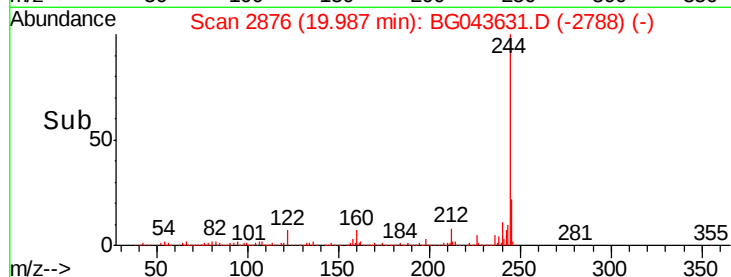
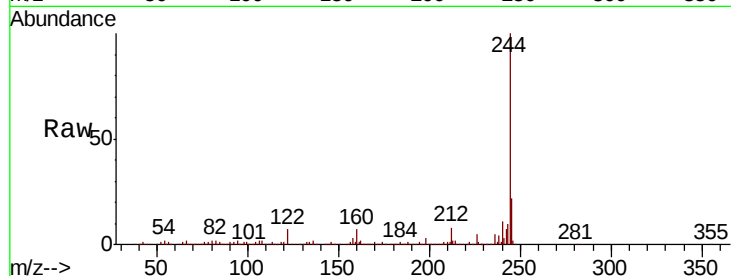
Tot Ion:244 Resp: 1291594

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 6.9 5.4 8.2



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.03 min

Lab File: BG043631.D

Acq: 14 Nov 2019 13:22

Tgt Ion:264 Resp: 246339

Ion Ratio Lower Upper

264 100

260 23.6 17.5 26.3

265 22.1 17.4 26.0

