

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102319\
 Data File : BG043320.D
 Acq On : 23 Oct 2019 22:31
 Operator : JU
 Sample : K5489-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SECONDARY-PILE-SLP

Quant Time: Oct 24 07:08:48 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

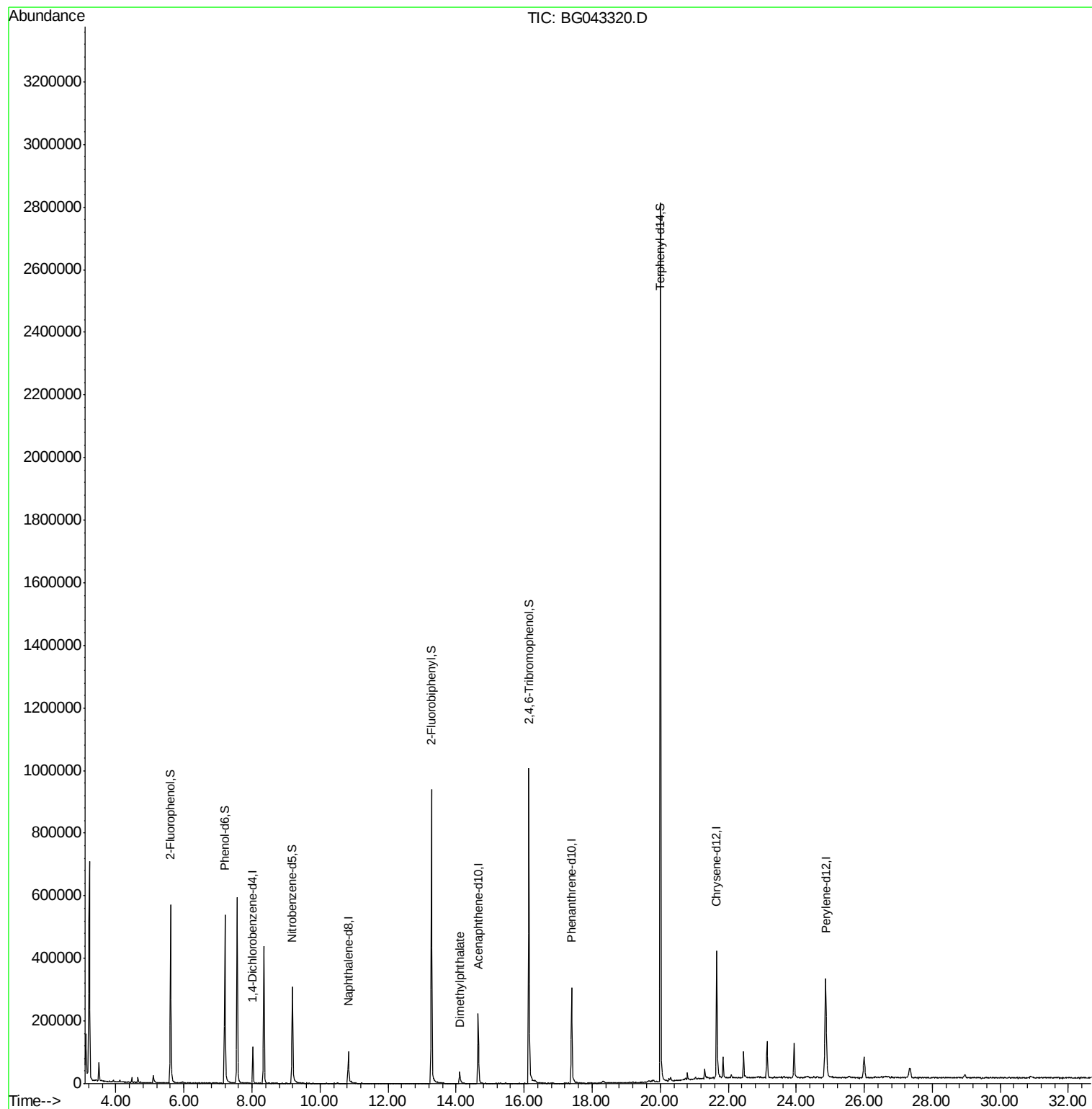
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	34516	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	111437	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	87236	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	236958	20.00	ng	0.00
76) Chrysene-d12	21.66	240	296689	20.00	ng	0.00
87) Perylene-d12	24.86	264	340809	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	260716	138.41	ng	0.00
7) Phenol-d6	7.20	99	345038	127.32	ng	0.00
23) Nitrobenzene-d5	9.19	82	219039	101.33	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	250888	151.13	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	568009	89.97	ng	0.00
79) Terphenyl-d14	20.00	244	1532460	96.90	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	43485	6.436	ng	Qvalue # 99

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

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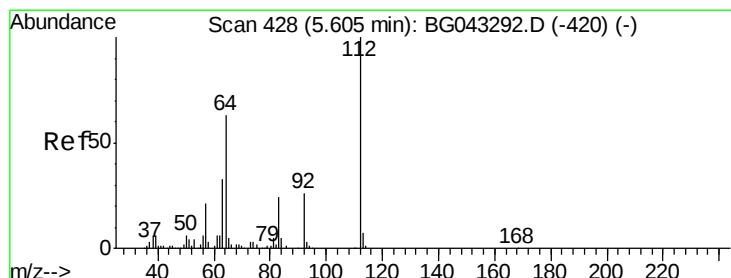
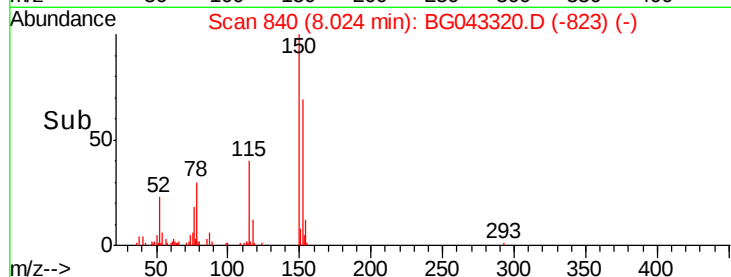
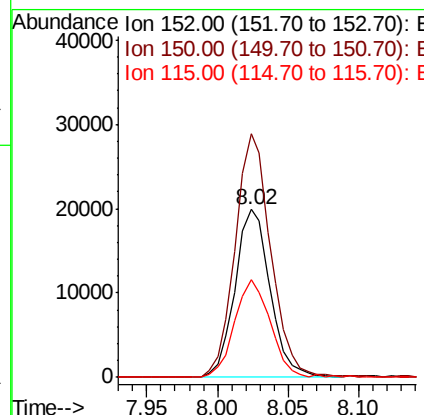
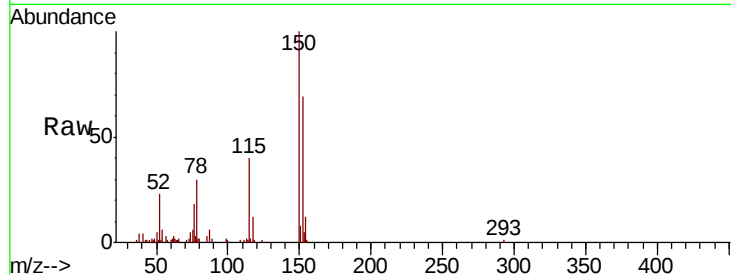


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Instrument :
BNA_G
ClientSampleId :
SECONDARY-PILE-SLP

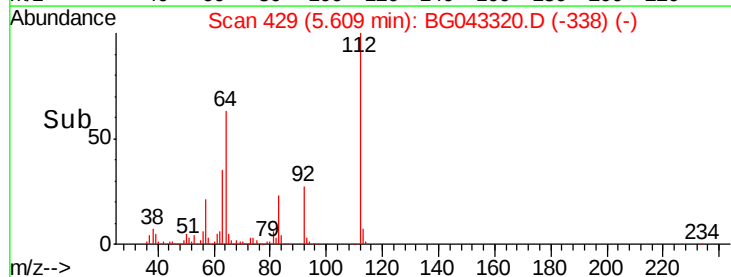
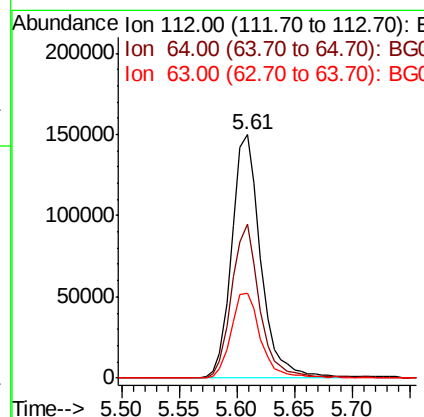
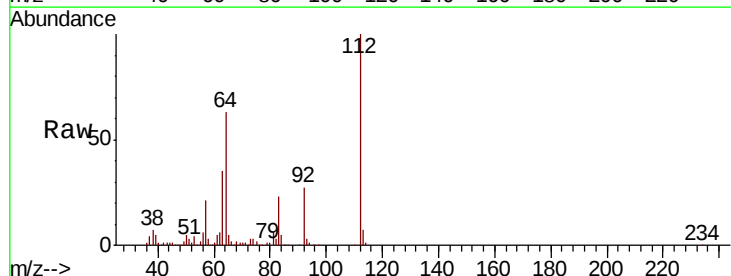
Tot Ion	152	Resp	34516
Ion	Ratio	Lower	Upper
152	100		
150	145.3	113.6	170.4
115	58.4	45.9	68.9

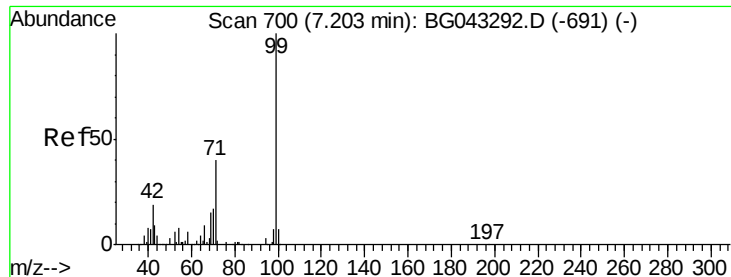


#5

2-Fluorophenol
Concen: 138.414 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Tgt Ion	112	Resp	260716
Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.2	75.2
63	34.8	26.7	40.1





#7

Phenol-d6

Concen: 127.318 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043320.D

Acq: 23 Oct 2019 22:31

Instrument :

BNA_G

ClientSampleId :

SECONDARY-PILE-SLP

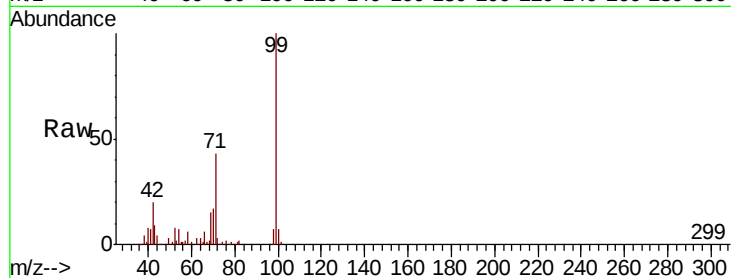
Tot Ion: 99 Resp: 345038

Ion Ratio Lower Upper

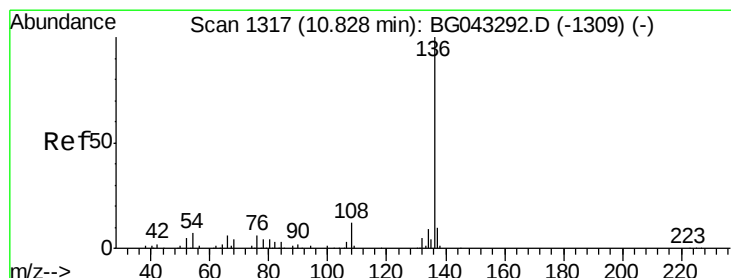
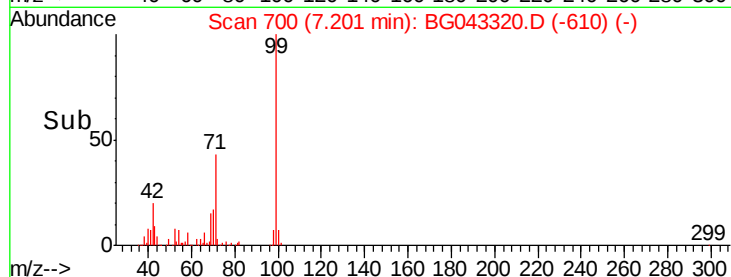
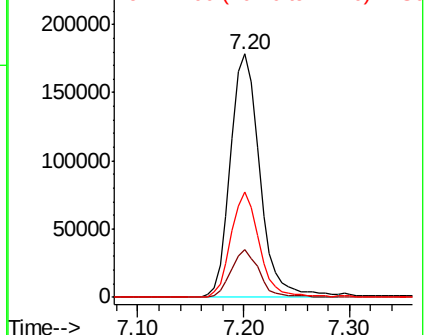
99 100

42 19.6 14.9 22.3

71 43.3 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: BG043320.D

Acq: 23 Oct 2019 22:31

Tgt Ion: 136 Resp: 111437

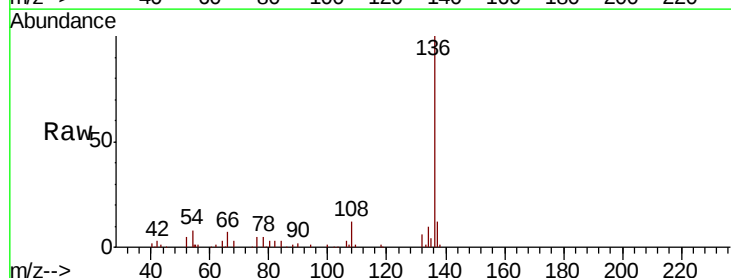
Ion Ratio Lower Upper

136 100

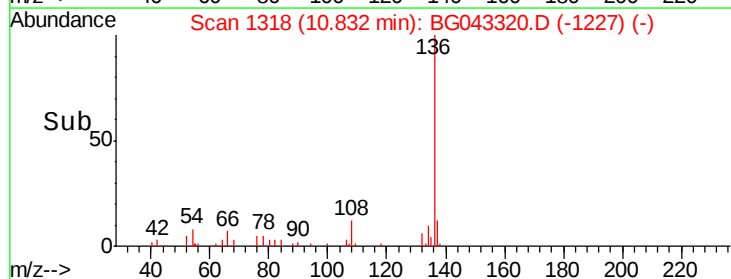
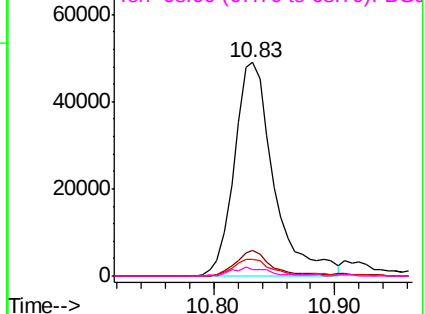
137 12.2 8.2 12.2

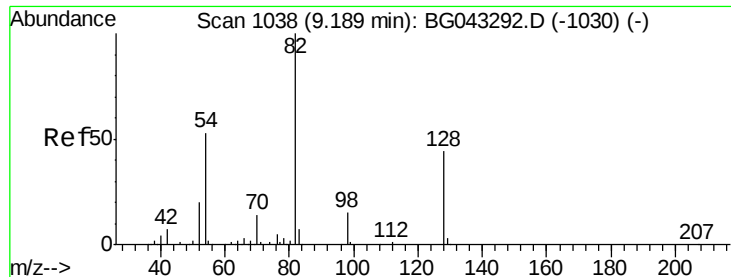
54 7.7 5.4 8.2

68 2.7 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

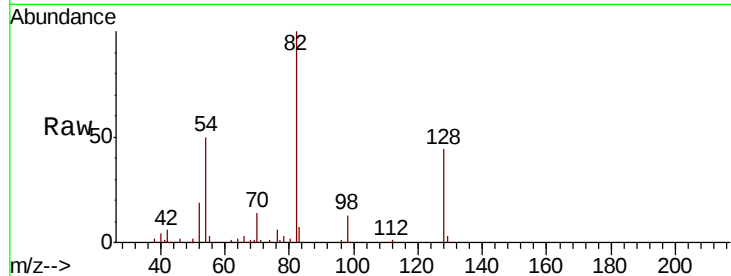




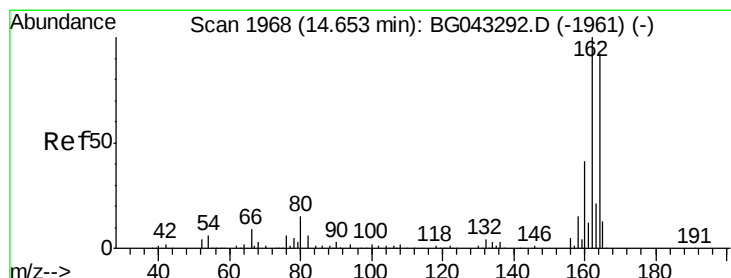
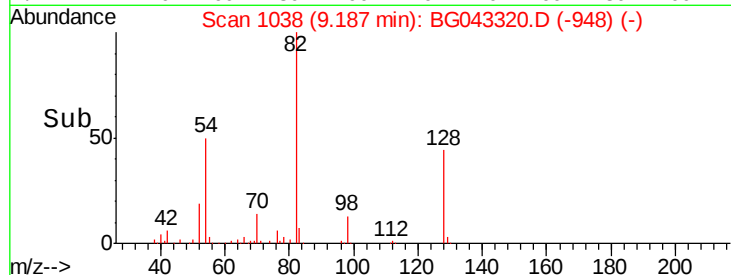
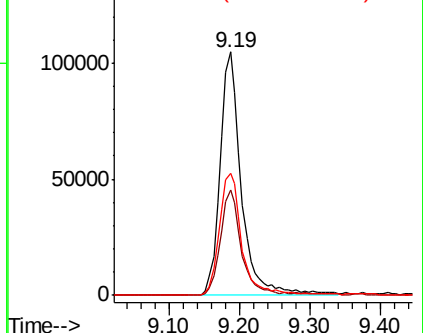
#23
Nitrobenzene-d5
Concen: 101.335 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Instrument :
BNA_G
ClientSampleId :
SECONDARY-PILE-SLP

Tot Ion	82	Resp	219039
Ion Ratio	100	Lower	Upper
128	43.5	35.3	52.9
54	50.2	42.3	63.5

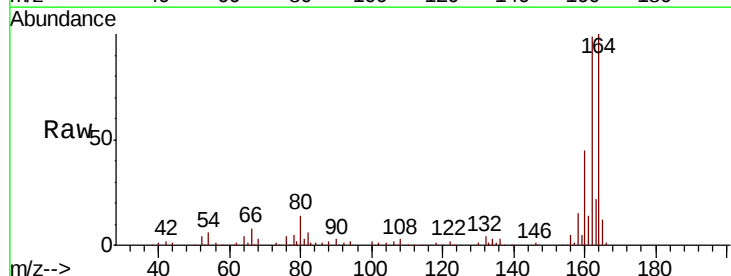


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

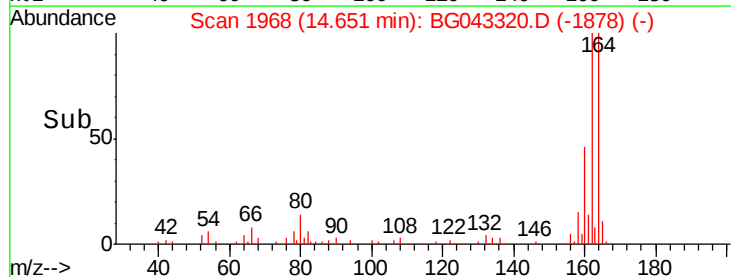
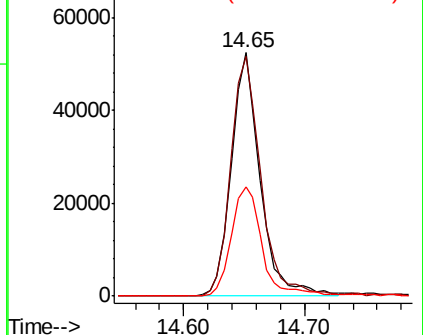


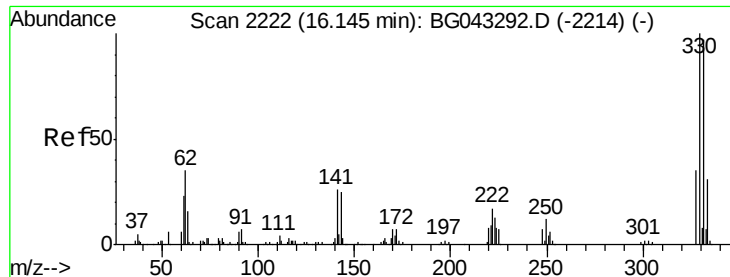
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Tgt Ion	164	Resp	87236
Ion Ratio	100	Lower	Upper
162	98.6	87.0	130.4
160	45.0	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

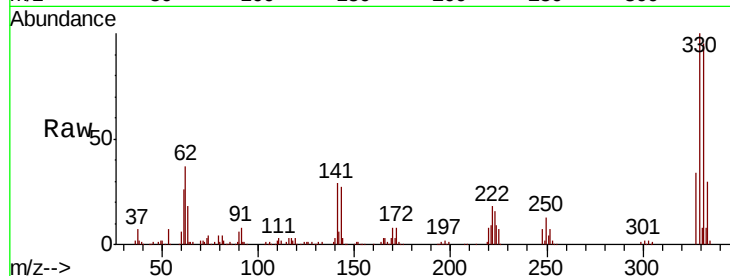




#42
 2,4,6-Tribromophenol
 Concen: 151.128 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043320.D
 Acq: 23 Oct 2019 22:31

Instrument :
 BNA_G
 ClientSampleId :
 SECONDARY-PILE-SLP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.4	114.6
141	28.1	21.4	32.0

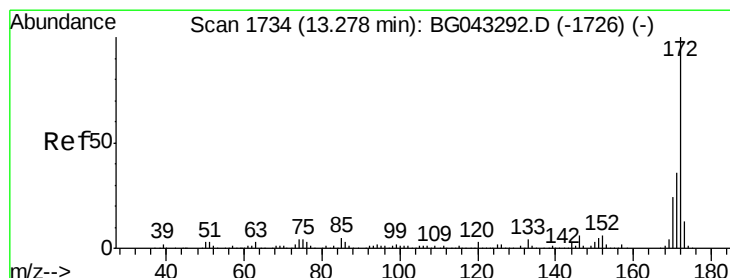
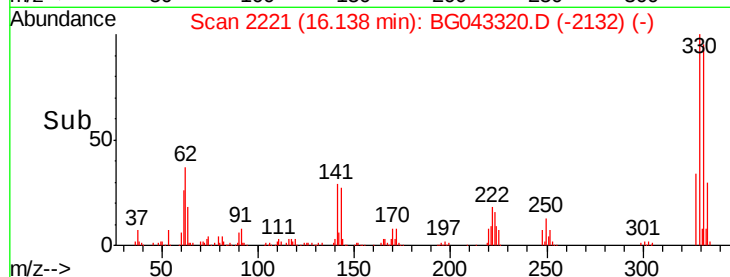
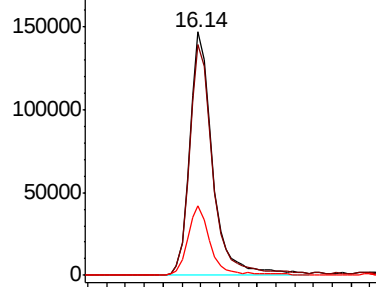


Abundance

Ion 329.80 (329.50 to 330.50): E

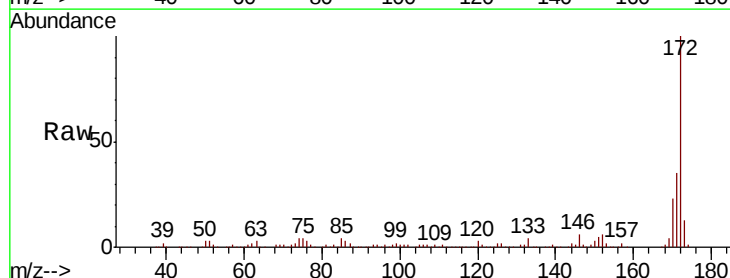
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.972 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043320.D
 Acq: 23 Oct 2019 22:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	22.7	18.8	28.2

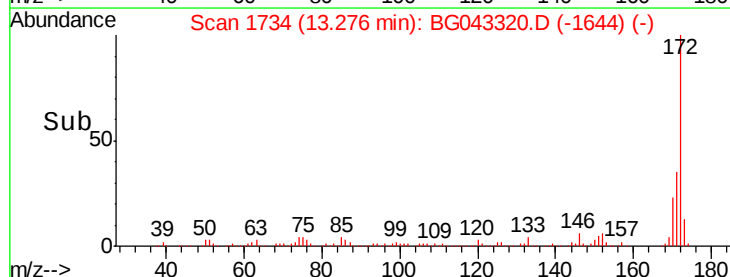
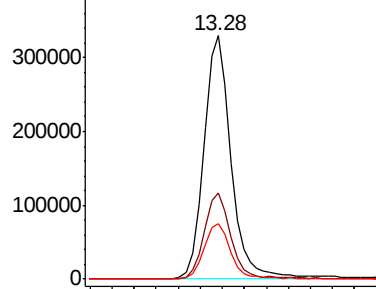


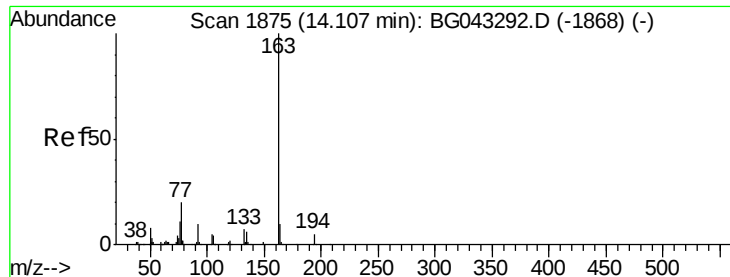
Abundance

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





#50

Dimethylphthalate

Concen: 6.436 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043320.D

Acq: 23 Oct 2019 22:31

Instrument :

BNA_G

ClientSampleId :

SECONDARY-PILE-SLP

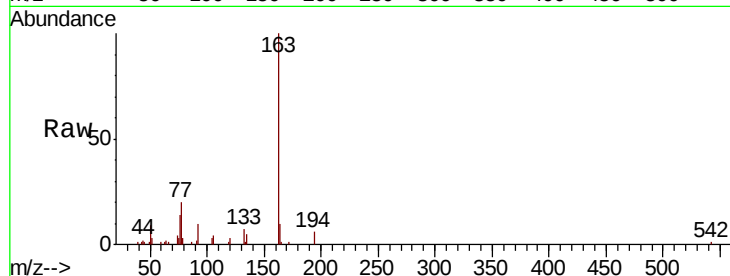
Tot Ion:163 Resp: 43485

Ion Ratio Lower Upper

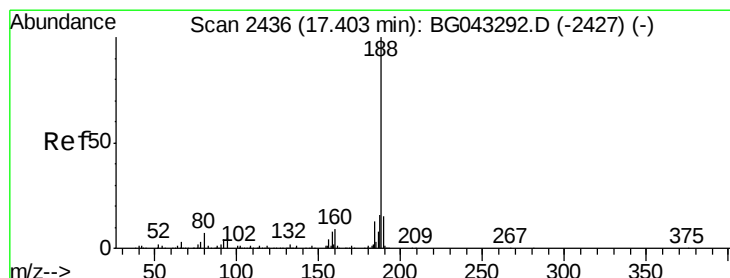
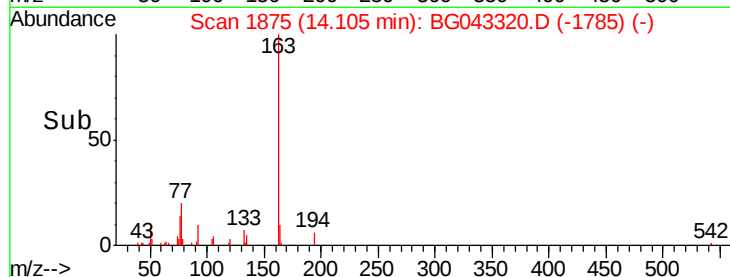
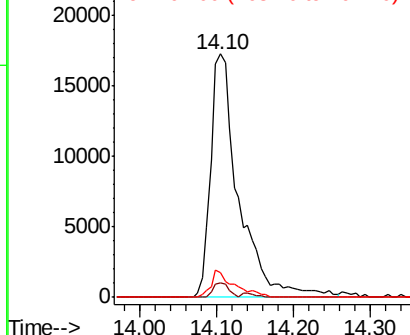
163 100

194 5.9 3.7 5.5#

164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043320.D

Acq: 23 Oct 2019 22:31

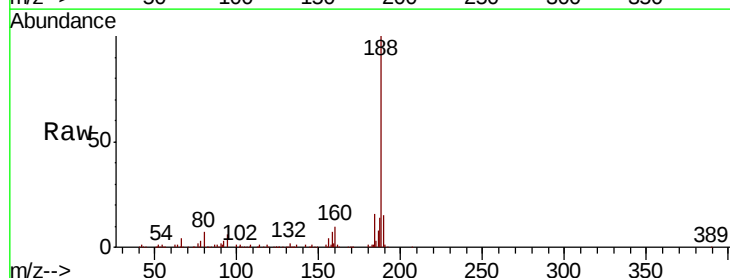
Tgt Ion:188 Resp: 236958

Ion Ratio Lower Upper

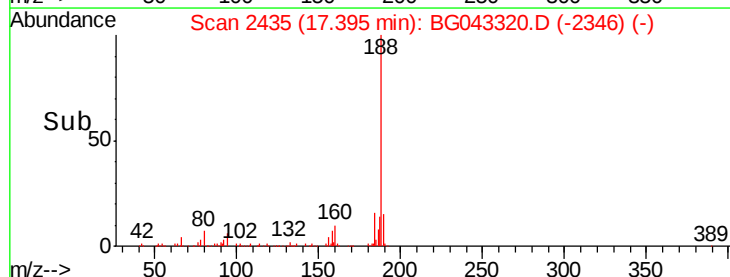
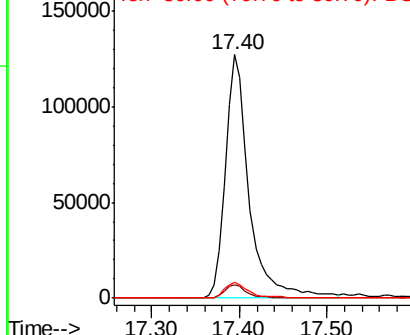
188 100

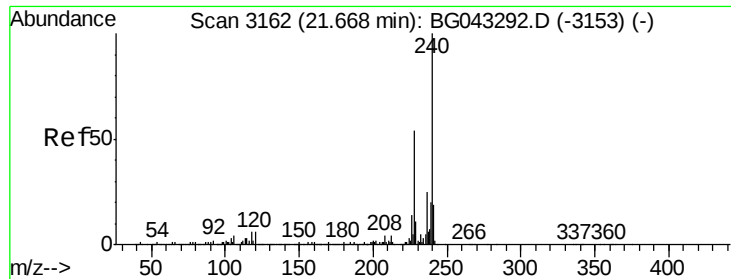
94 5.5 4.2 6.2

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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043320.D

Acq: 23 Oct 2019 22:31

Instrument :

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ClientSampleId :

SECONDARY-PILE-SLP

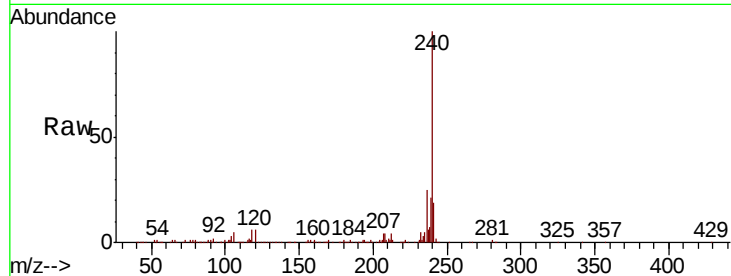
Tot Ion:240 Resp: 296689

Ion Ratio Lower Upper

240 100

120 5.8 4.6 7.0

236 25.5 20.2 30.4

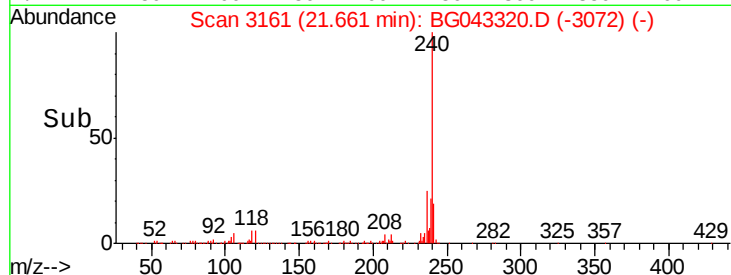


Abundance Ion 240.00 (239.70 to 240.70): E

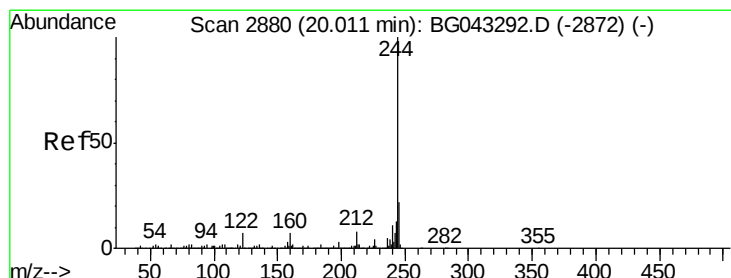
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.66



Time-->



#79

Terphenyl-d14

Concen: 96.902 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043320.D

Acq: 23 Oct 2019 22:31

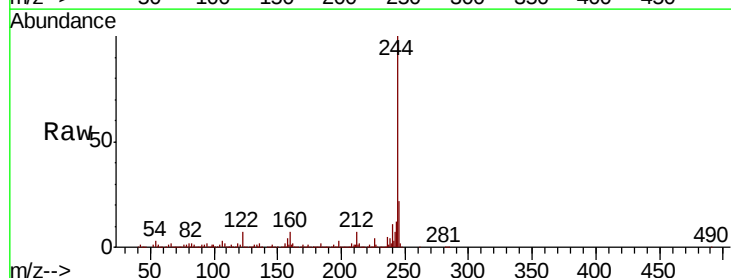
Tgt Ion:244 Resp: 1532460

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

122 7.3 5.3 7.9

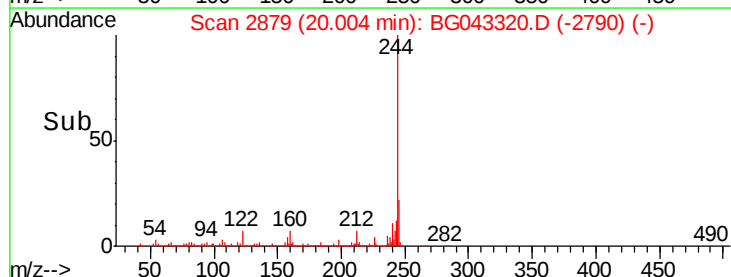


Abundance Ion 244.00 (243.70 to 244.70): E

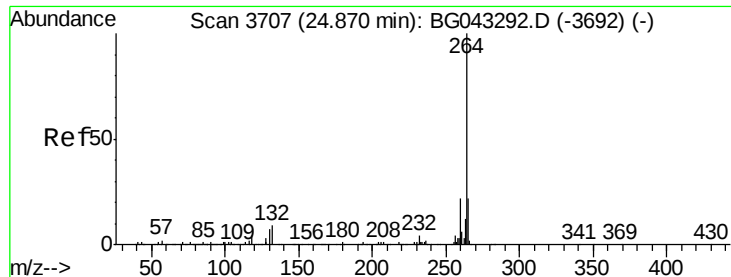
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.00



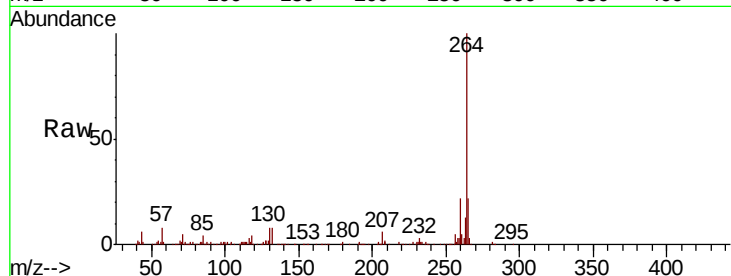
Time-->



#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Instrument :
BNA_G
ClientSampleId :
SECONDARY-PILE-SLP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.9	26.9
265	21.8	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

