

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043034.D
 Acq On : 4 Oct 2019 18:55
 Operator : JU
 Sample : PB123604BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123604BL

Quant Time: Oct 05 06:24:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	64959	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	248499	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	180146	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	468493	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	527575	20.00	ng	-0.03
87) Perylene-d12	24.90	264	602034	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units
5) 2-Fluorophenol	0.00	112	0d	0.00	ng
7) Phenol-d6	0.00	99	0	0.00	ng
23) Nitrobenzene-d5	0.00	82	0	0.00	ng
42) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng
79) Terphenyl-d14	0.00	244	0d	0.00	ng

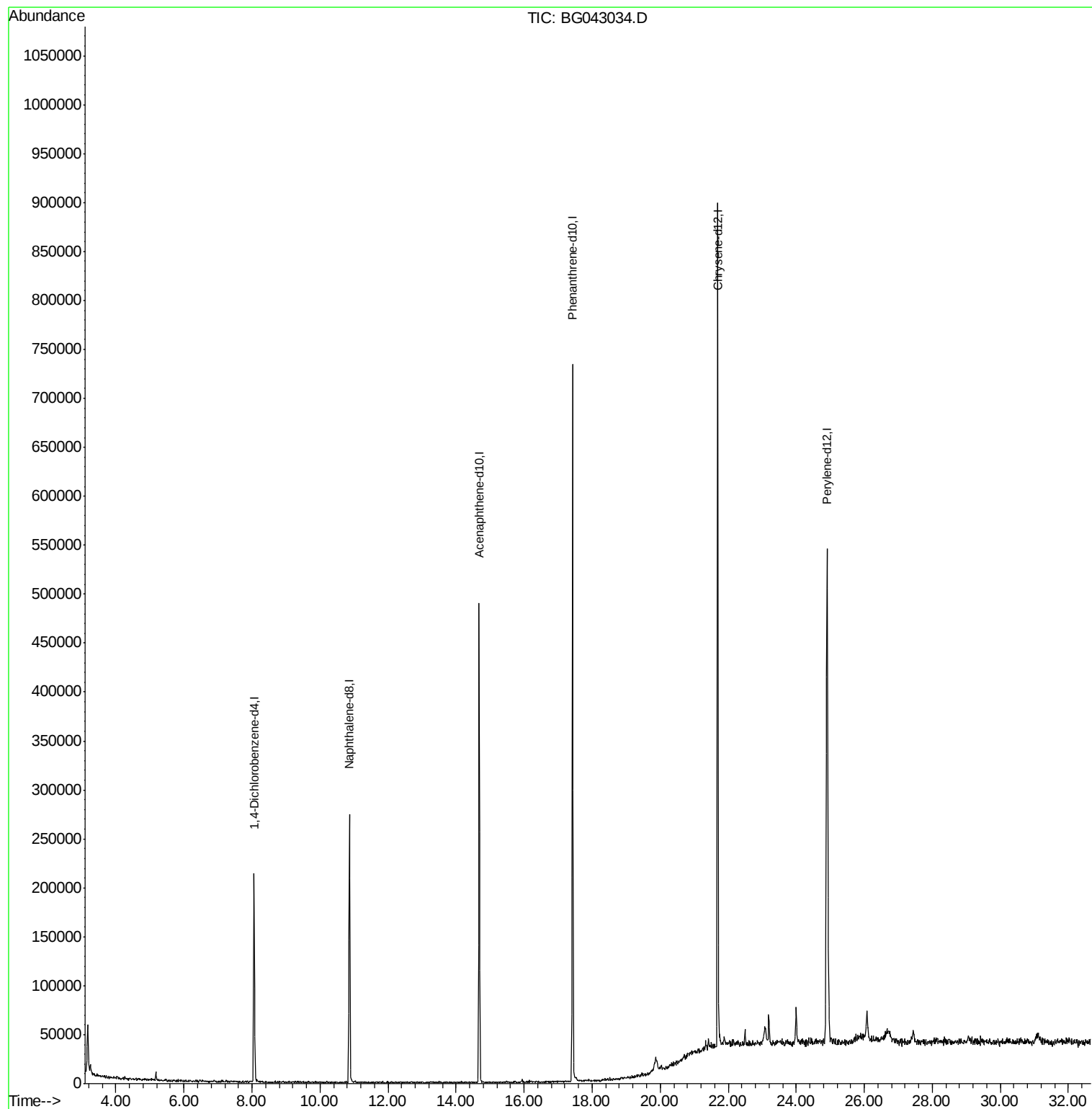
Target Compounds	Qvalue
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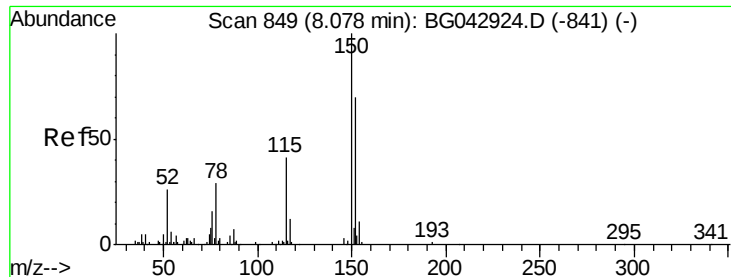
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.02 min

Lab File: BG043034.D

Acq: 4 Oct 2019 18:55

Instrument :

BNA_G

ClientSampleId :

PB123604BL

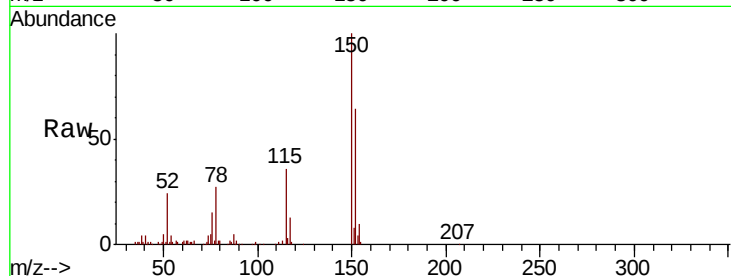
Tot Ion:152 Resp: 64959

Ion Ratio Lower Upper

152 100

150 157.3 115.0 172.4

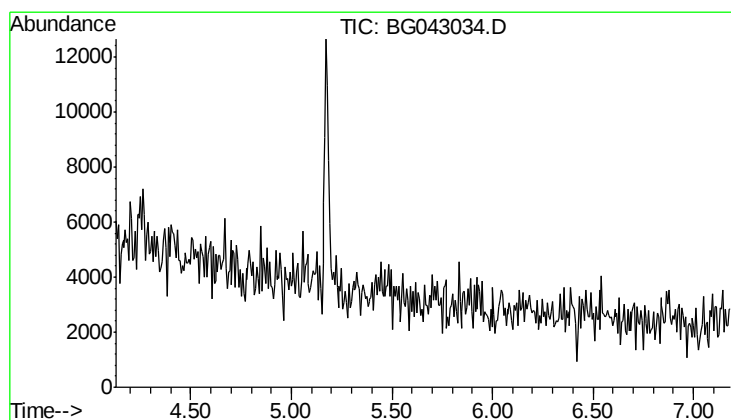
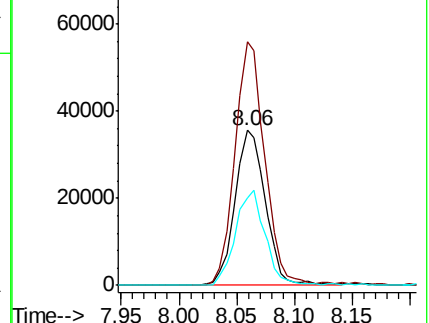
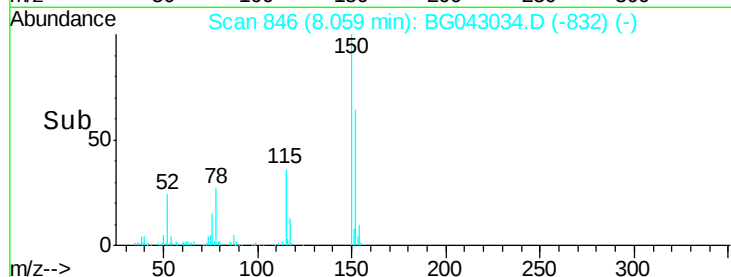
115 56.4 47.0 70.6



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: 0.000 ng

Expected RT: 5.66 min

Lab File: BG043034.D

Acq: 4 Oct 2019 18:55

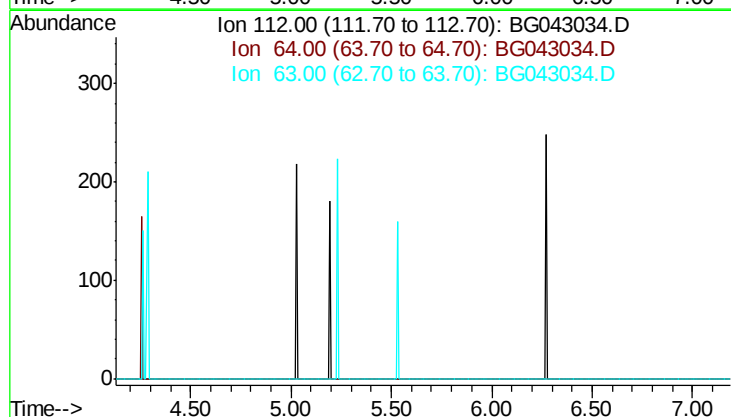
Tgt Ion: 112

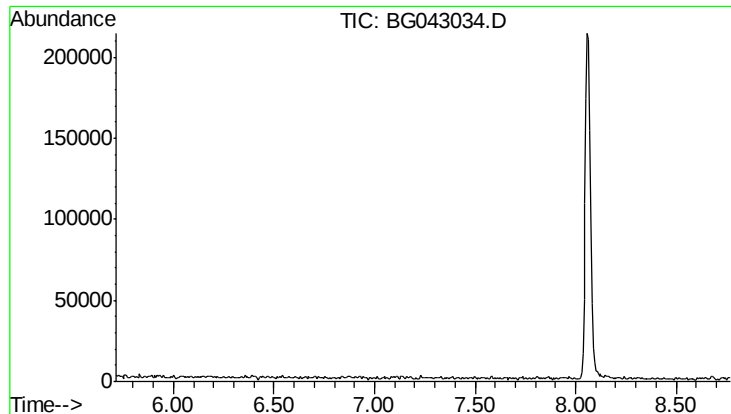
Sig Exp Ratio

112 100

64 70.7

63 43.9





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.24 min

Lab File: BG043034.D

Acq: 4 Oct 2019 18:55

Instrument :

BNA_G

ClientSampleId :

PB123604BL

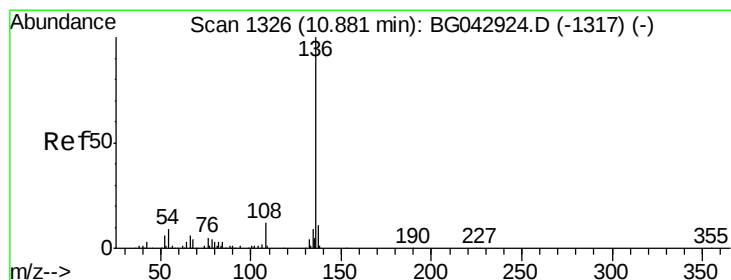
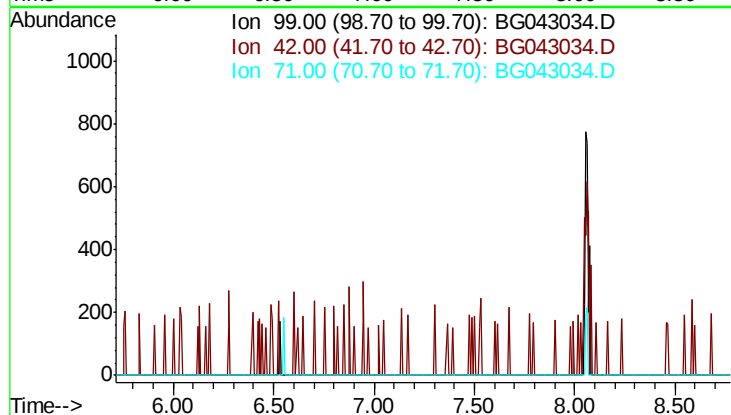
Tot Ion: 99

Sig Exp Ratio

99 100

42 21.5

71 41.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG043034.D

Acq: 4 Oct 2019 18:55

Tgt Ion:136 Resp: 248499

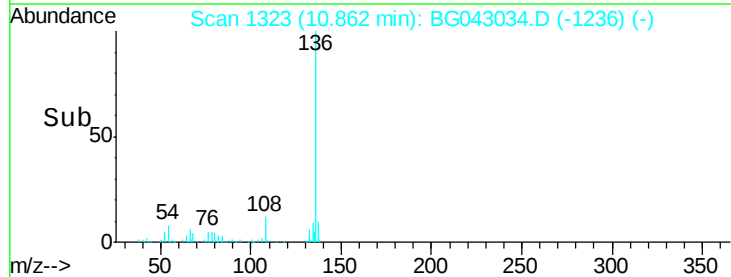
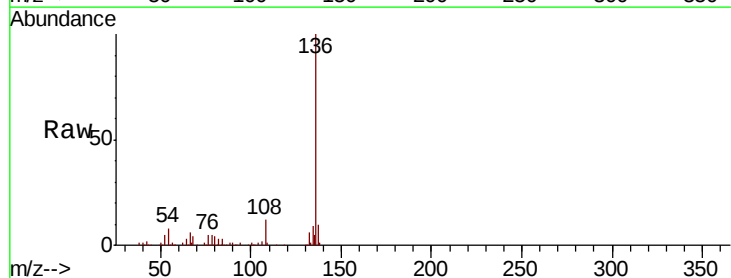
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 8.4 7.4 11.2

68 4.4 3.6 5.4

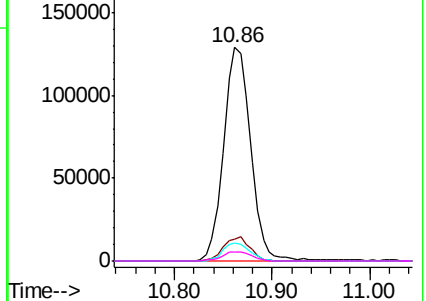


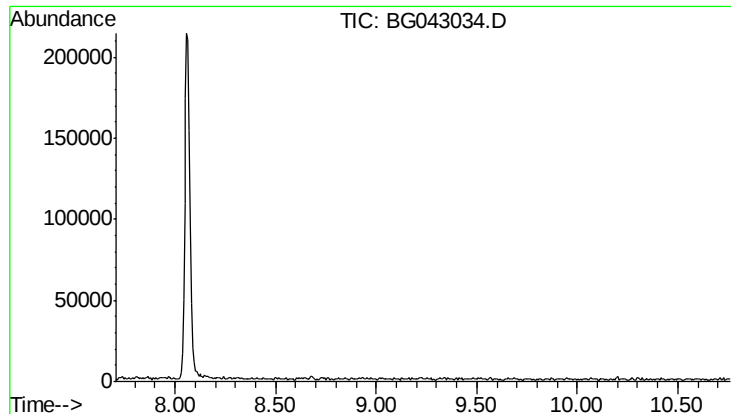
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

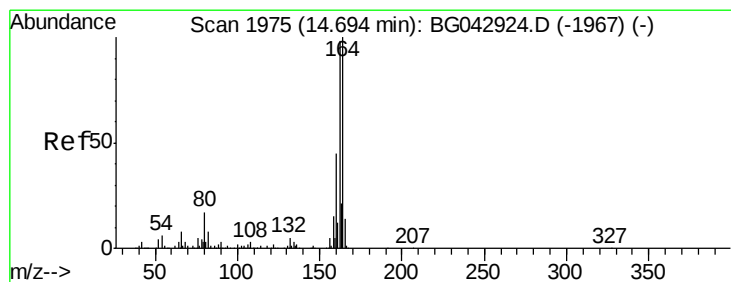
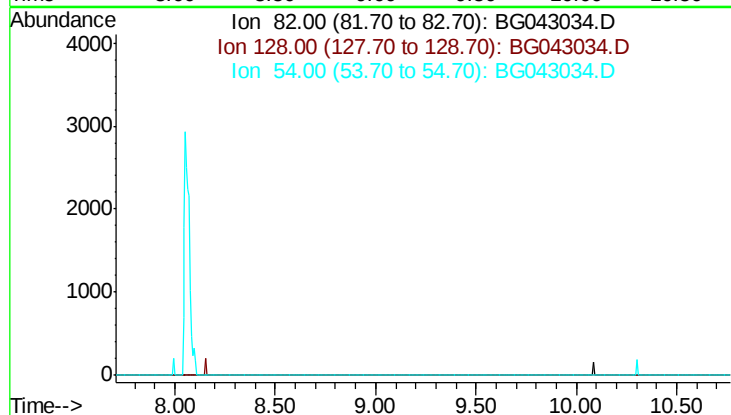




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.24 min
 Lab File: BG043034.D
 Acq: 4 Oct 2019 18:55

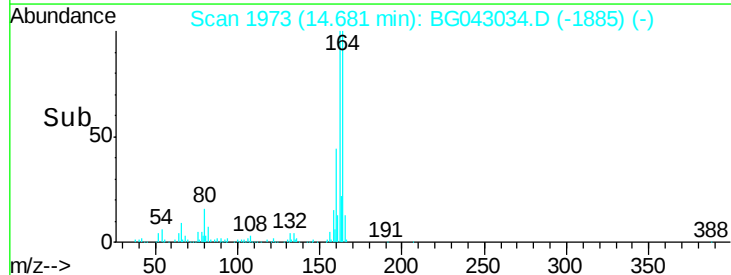
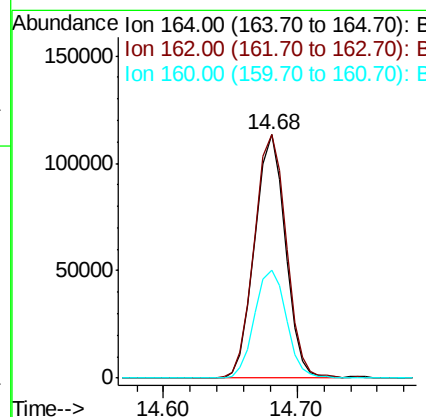
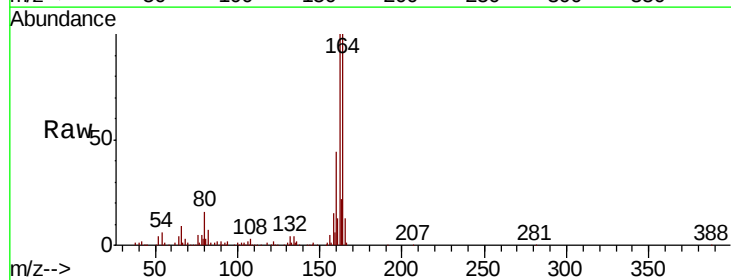
Instrument :
 BNA_G
 ClientSampleId :
 PB123604BL

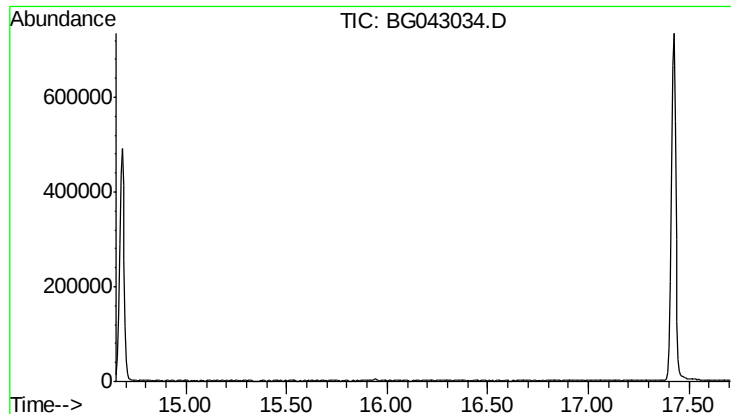
Tot Ion	82
Sig	Exp Ratio
82	100
128	36.9
54	55.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG043034.D
 Acq: 4 Oct 2019 18:55

Tgt Ion	164	Resp	180	146
Ion Ratio	Lower	Upper		
164	100			
162	99.9	78.5	117.7	
160	44.3	35.9	53.9	

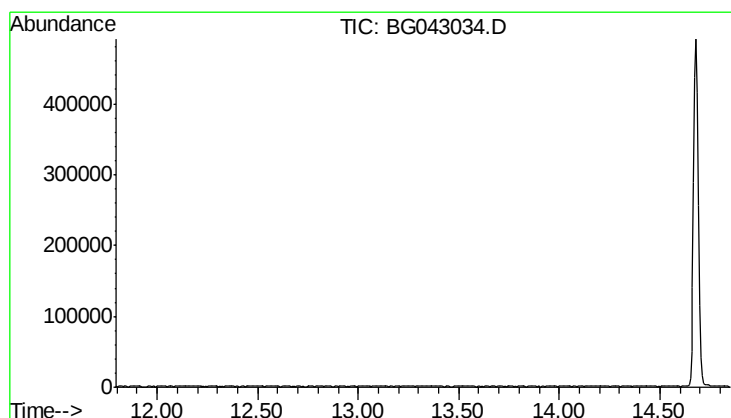
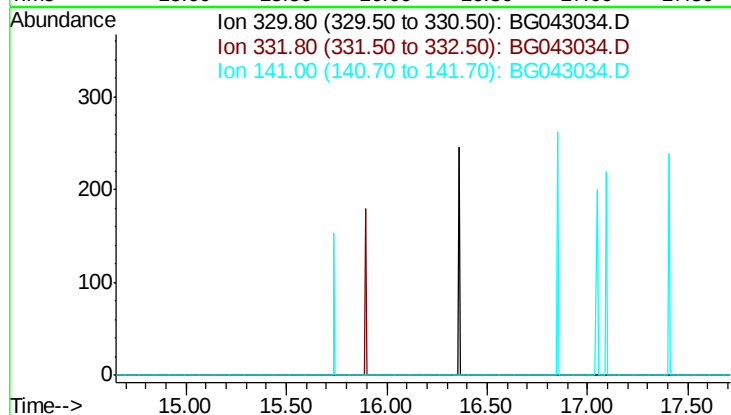




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.18 min
 Lab File: BG043034.D
 Acq: 4 Oct 2019 18:55

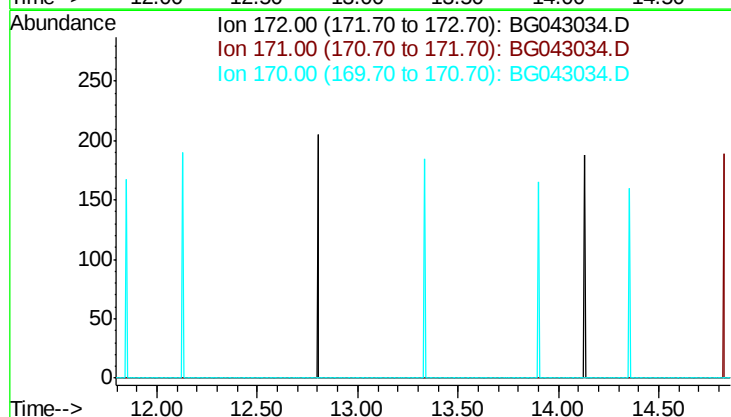
Instrument :
 BNA_G
 ClientSampleId :
 PB123604BL

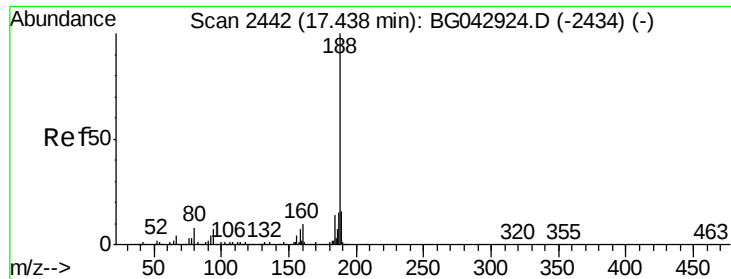
Tot Ion	330	332	141
Sig	100	97.7	32.5
Exp Ratio			



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.33 min
 Lab File: BG043034.D
 Acq: 4 Oct 2019 18:55

Tgt Ion	172	171	170
Sig	100	37.0	24.5
Exp Ratio			





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043034.D

Acq: 4 Oct 2019 18:55

Instrument :

BNA_G

ClientSampleId :

PB123604BL

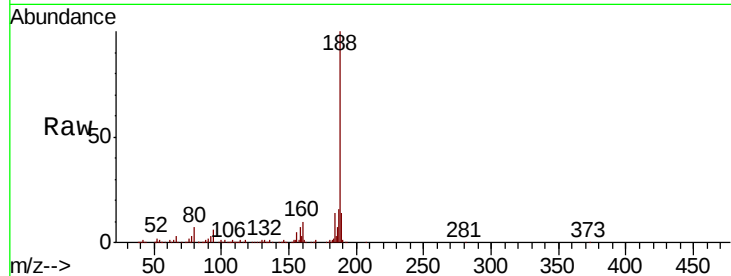
Tot Ion:188 Resp: 468493

Ion Ratio Lower Upper

188 100

94 6.1 5.7 8.5

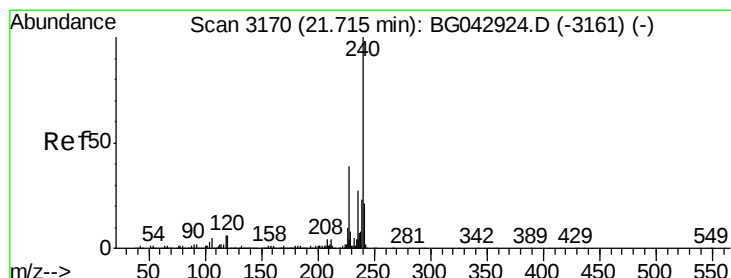
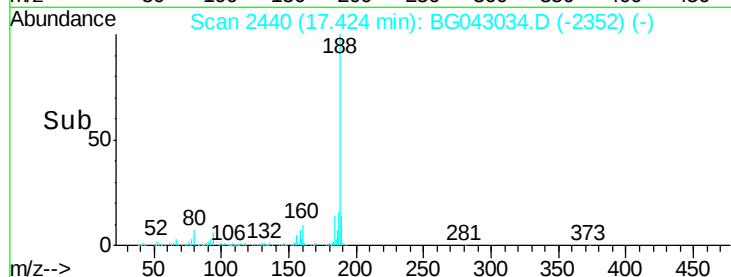
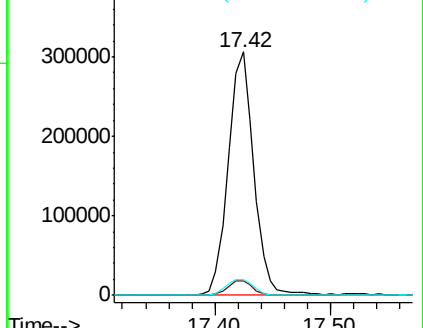
80 6.6 6.5 9.7



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: 21.69 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BG043034.D

Acq: 4 Oct 2019 18:55

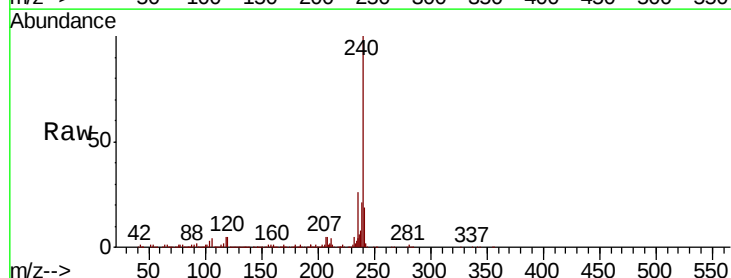
Tgt Ion:240 Resp: 527575

Ion Ratio Lower Upper

240 100

120 4.9 4.8 7.2

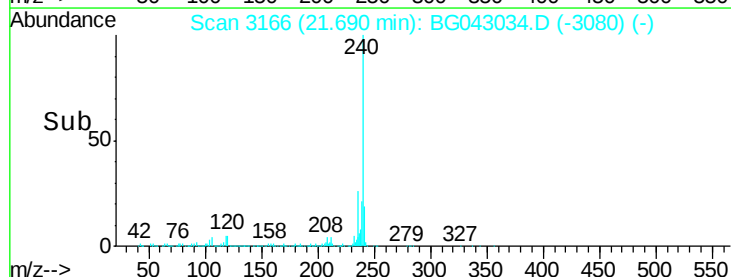
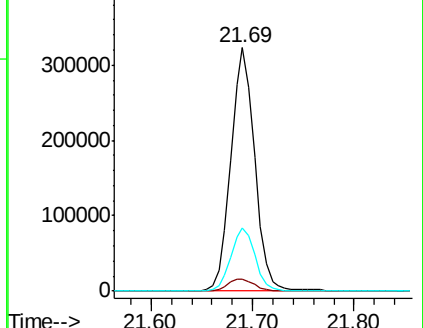
236 26.2 21.4 32.0

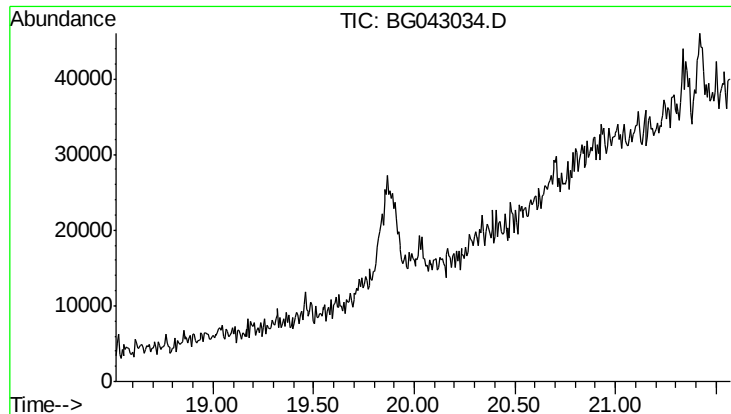


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

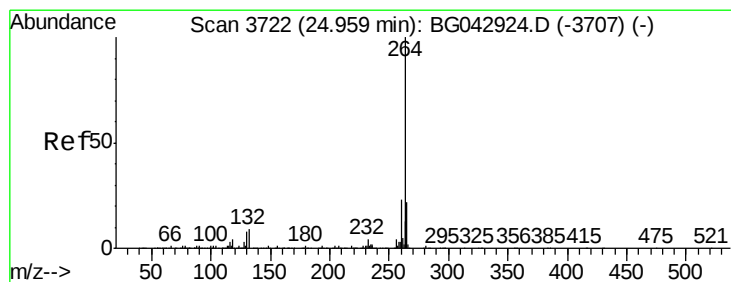
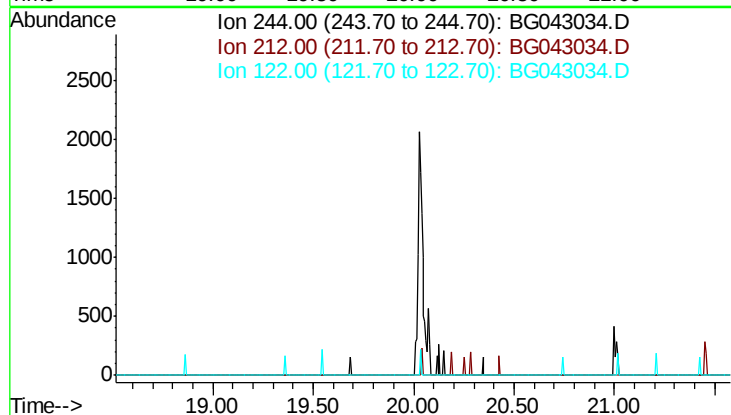




#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 20.05 min
 Lab File: BG043034.D
 Acq: 4 Oct 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :
 PB123604BL

Tot Ion: 244
 Sig Exp Ratio
 244 100
 212 9.2
 122 8.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3713
 Delta R.T. -0.05 min
 Lab File: BG043034.D
 Acq: 4 Oct 2019 18:55

Tgt Ion:264 Resp: 602034
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.3 17.7 26.5

