

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
 Data File : BG043661.D
 Acq On : 15 Nov 2019 21:50
 Operator : JU
 Sample : PB124780BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124780BL

Quant Time: Nov 16 02:22:44 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

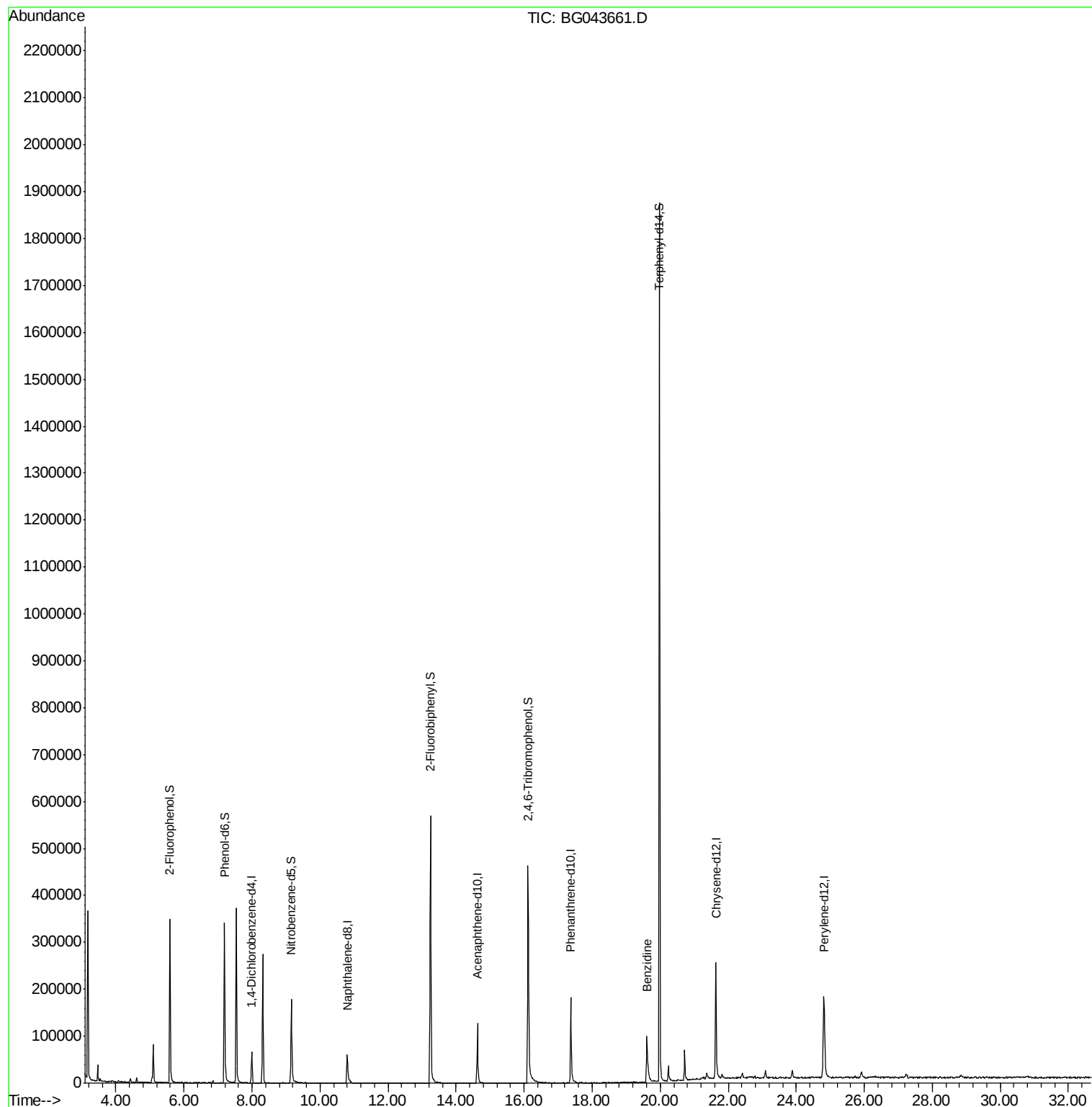
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	20931	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	75883	20.00	ng	-0.02
39) Acenaphthene-d10	14.63	164	55462	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	152080	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	188672	20.00	ng	-0.02
87) Perylene-d12	24.82	264	215160	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	164348	143.88	ng	0.00
7) Phenol-d6	7.19	99	218683	133.07	ng	0.00
23) Nitrobenzene-d5	9.16	82	131178	89.12	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	138744	131.46	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	363667	90.61	ng	-0.02
79) Terphenyl-d14	19.98	244	972661	96.72	ng	-0.02
Target Compounds						
77) Benzidine	19.61	184	120674	31.781	ng	Qvalue 97

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

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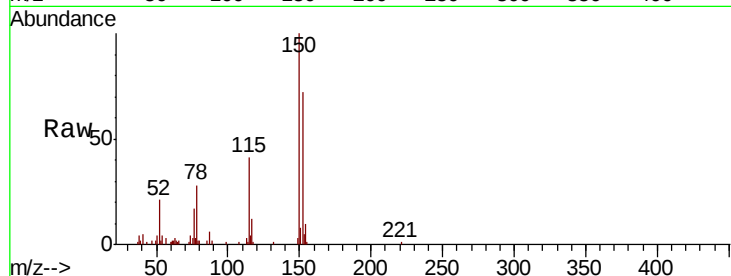


#1

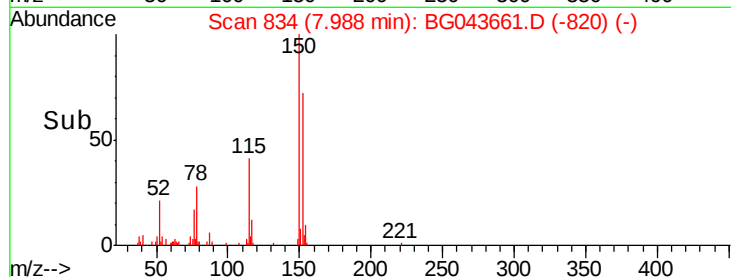
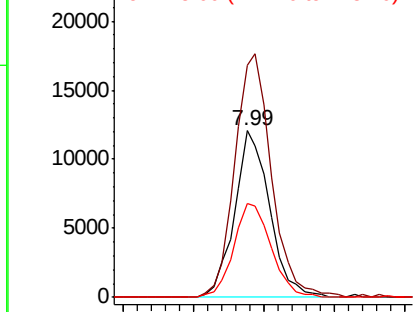
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043661.D
Acq: 15 Nov 2019 21:50

Instrument :
BNA_G
ClientSampleId :
PB124780BL

Tot Ion:152 Resp: 20931
Ion Ratio Lower Upper
152 100
150 139.0 129.4 194.0
115 56.6 48.8 73.2



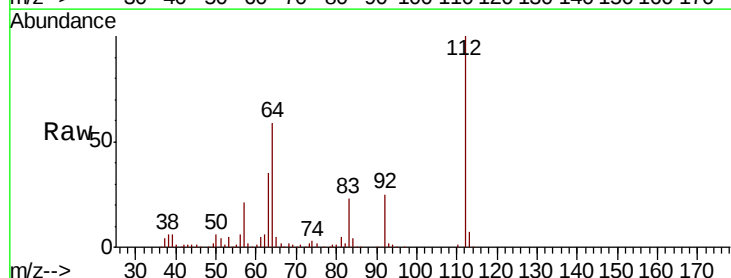
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



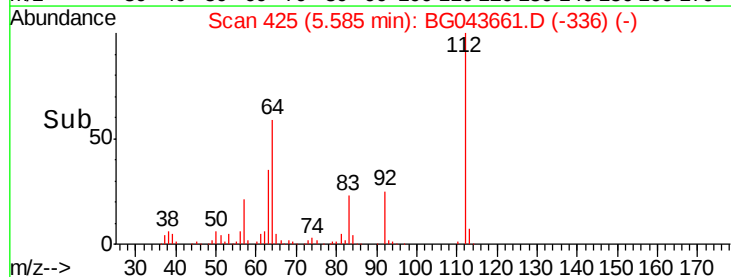
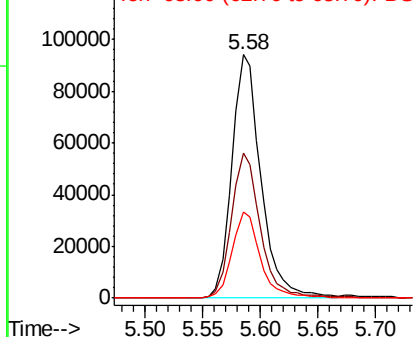
#5

2-Fluorophenol
Concen: 143.882 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG043661.D
Acq: 15 Nov 2019 21:50

Tgt Ion:112 Resp: 164348
Ion Ratio Lower Upper
112 100
64 59.4 50.0 75.0
63 35.4 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: 133.066 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

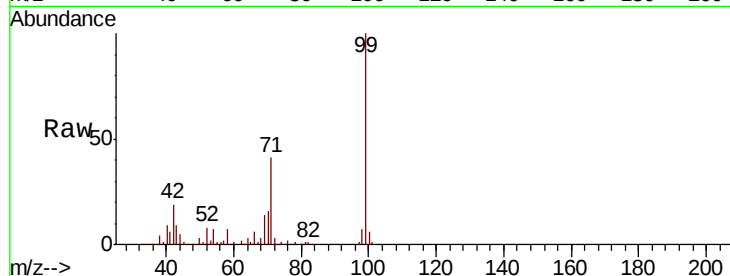
Tot Ion: 99 Resp: 218683

Ion Ratio Lower Upper

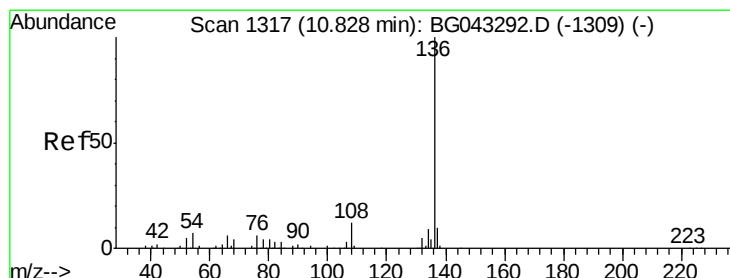
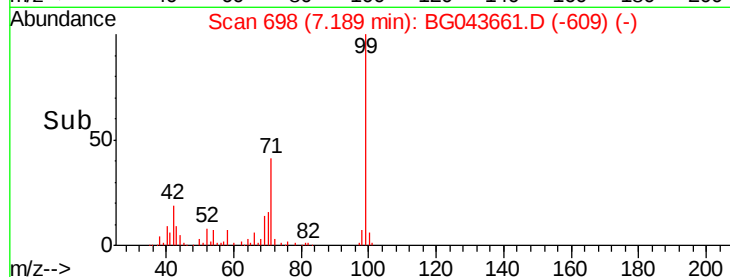
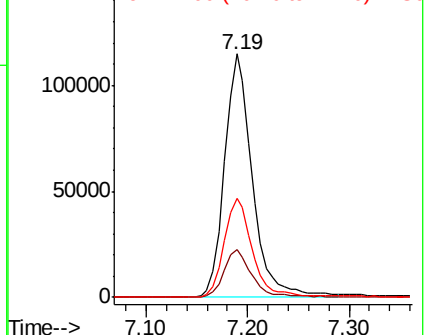
99 100

42 19.4 14.6 21.8

71 40.8 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# 1312

Delta R.T. -0.02 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Tgt Ion: 136 Resp: 75883

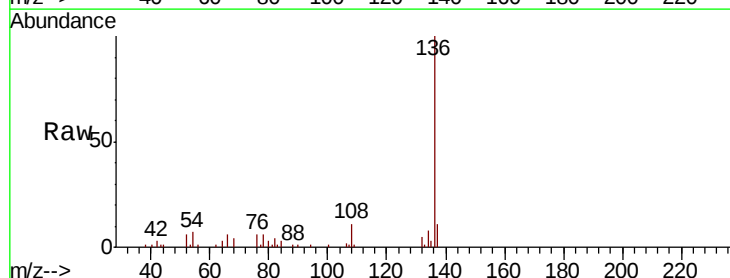
Ion Ratio Lower Upper

136 100

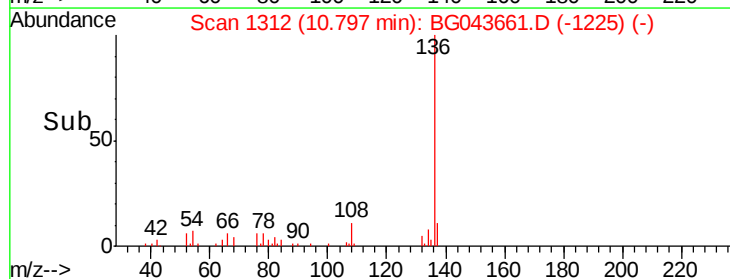
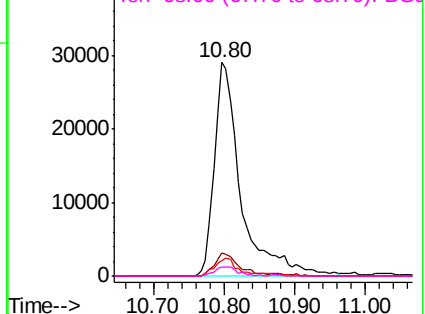
137 10.5 8.7 13.1

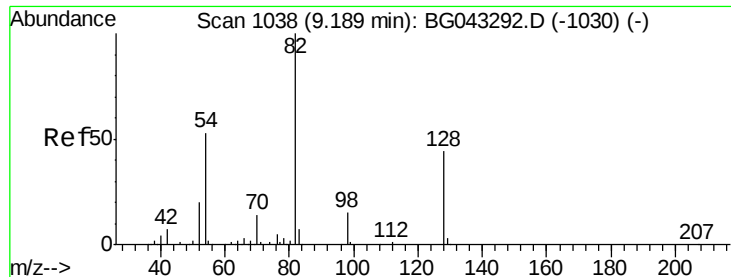
54 7.3 5.4 8.2

68 4.0 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: 89.122 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

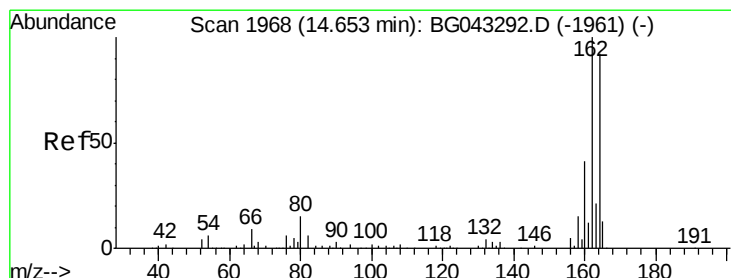
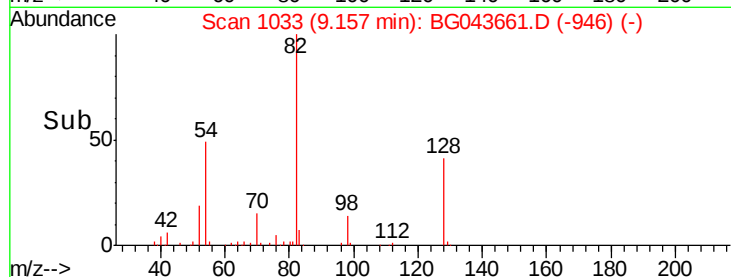
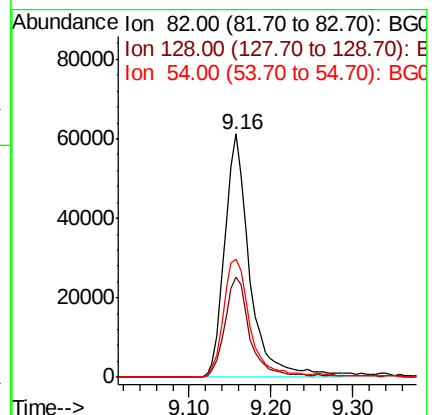
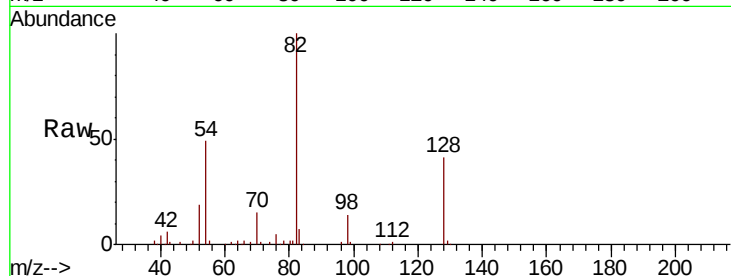
Tot Ion: 82 Resp: 131178

Ion Ratio Lower Upper

82 100

128 41.4 35.0 52.6

54 48.5 40.2 60.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

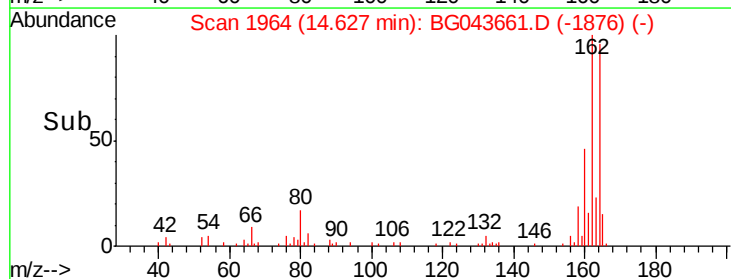
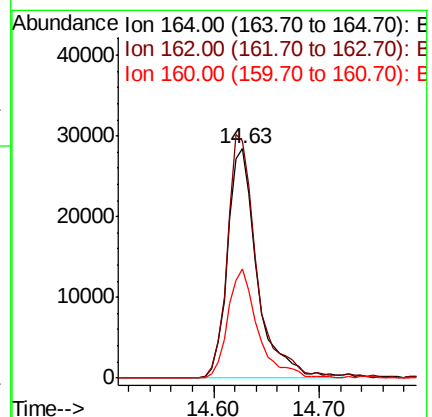
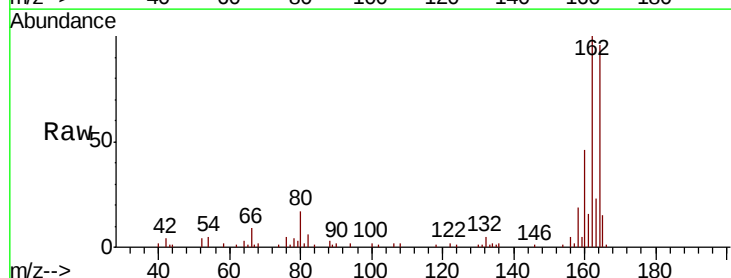
Tgt Ion: 164 Resp: 55462

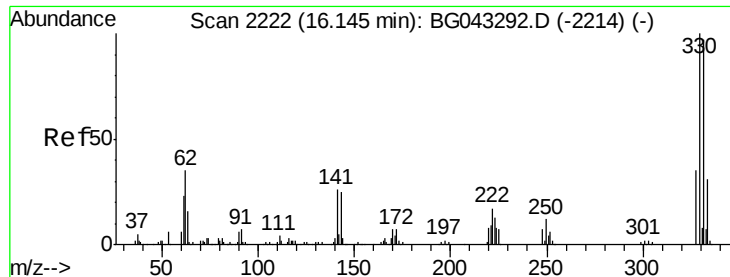
Ion Ratio Lower Upper

164 100

162 103.7 83.5 125.3

160 47.8 36.5 54.7

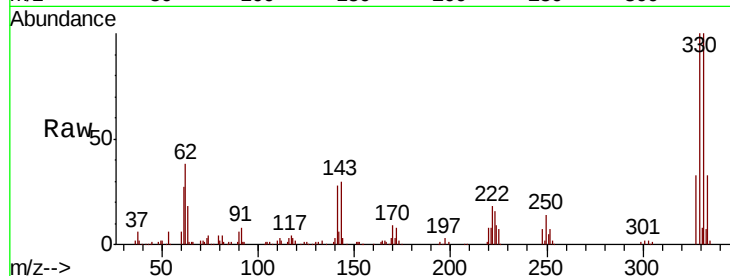




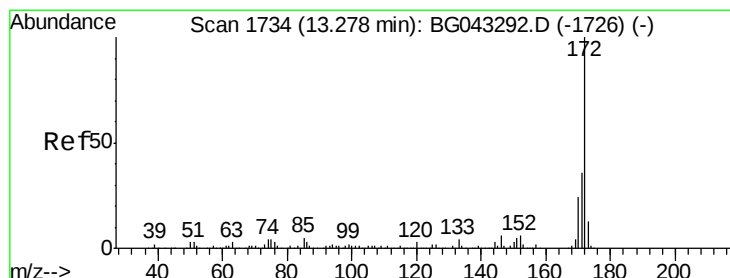
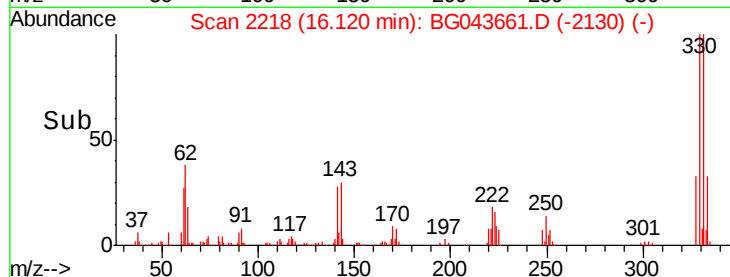
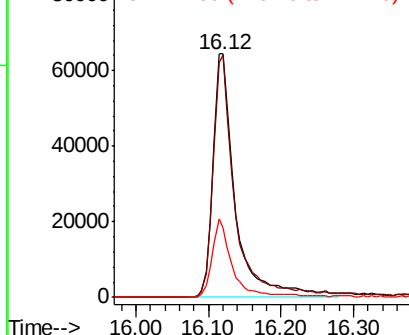
#42
 2,4,6-Tribromophenol
 Concen: 131.456 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG043661.D
 Acq: 15 Nov 2019 21:50

Instrument :
 BNA_G
 ClientSampleId :
 PB124780BL

Tot Ion:330 Resp: 138744
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.0
 141 28.8 22.8 34.2

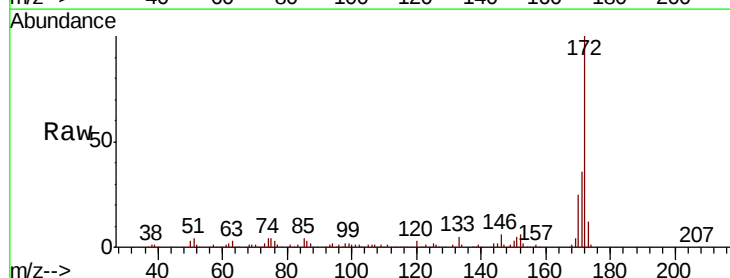


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

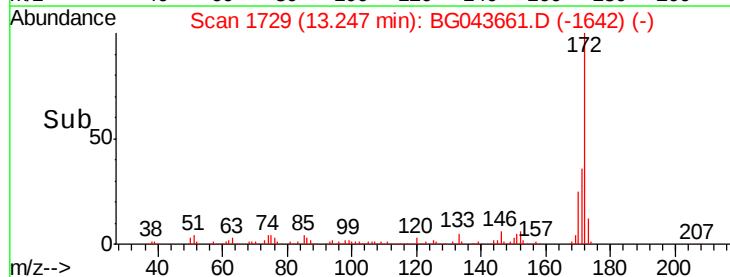
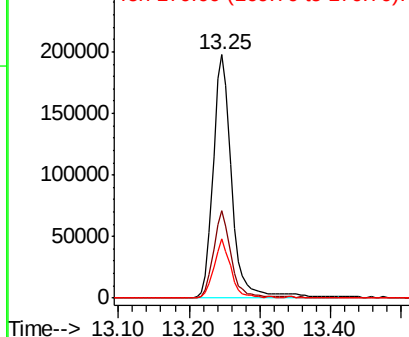


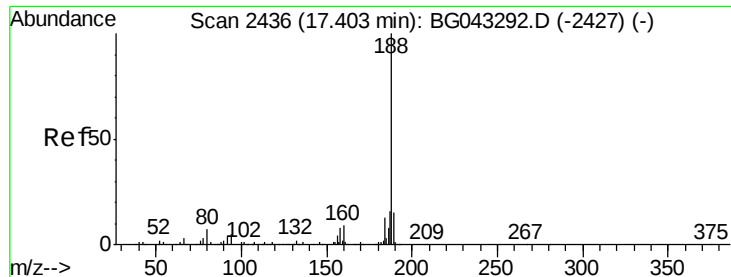
#45
 2-Fluorobiphenyl
 Concen: 90.606 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043661.D
 Acq: 15 Nov 2019 21:50

Tgt Ion:172 Resp: 363667
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 24.5 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: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

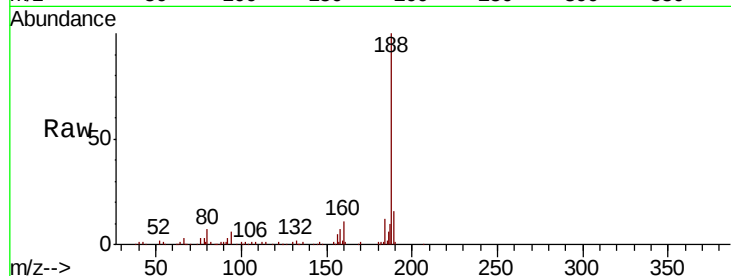
Tot Ion:188 Resp: 152080

Ion Ratio Lower Upper

188 100

94 6.4 4.2 6.4#

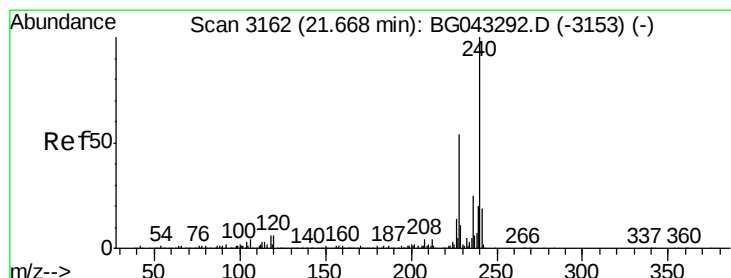
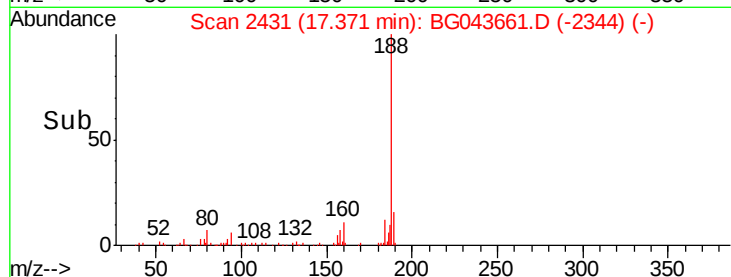
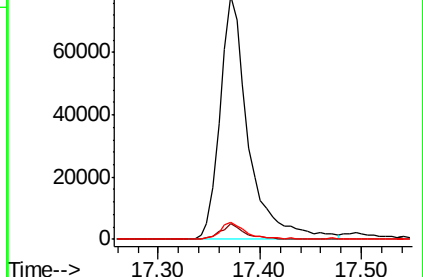
80 7.1 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

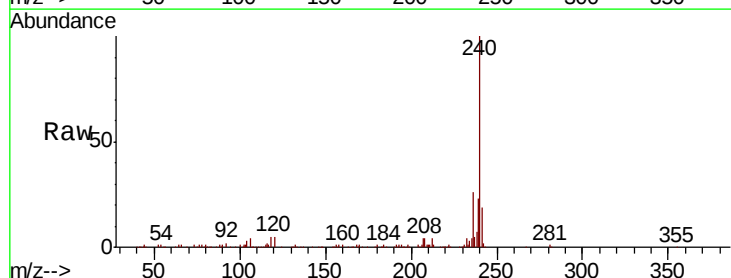
Tgt Ion:240 Resp: 188672

Ion Ratio Lower Upper

240 100

120 5.2 4.6 6.8

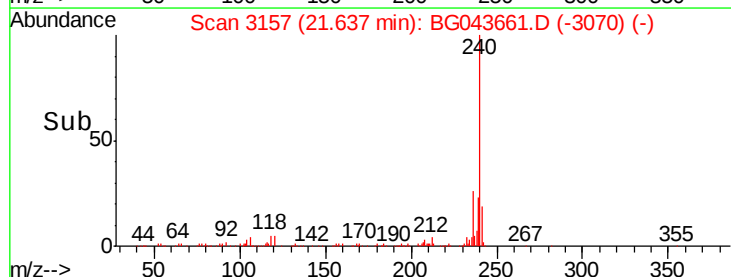
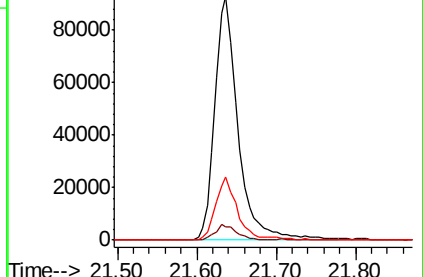
236 26.1 19.8 29.8

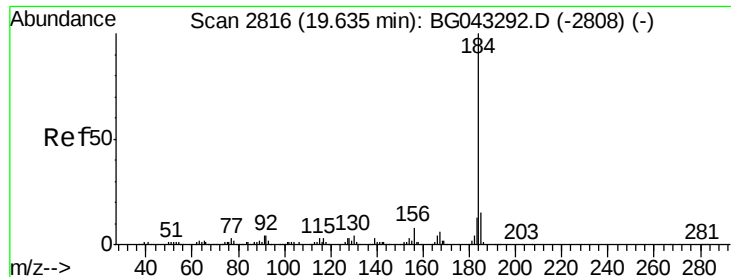


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.781 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

Instrument :

BNA_G

ClientSampleId :

PB124780BL

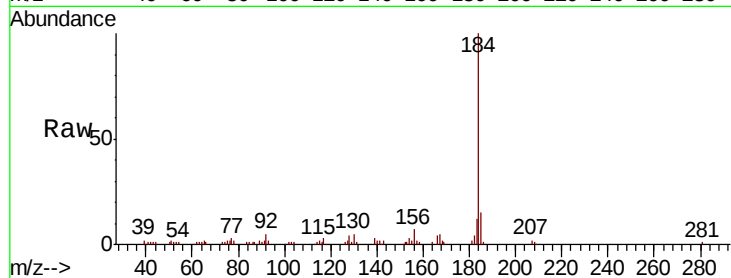
Tot Ion:184 Resp: 120674

Ion Ratio Lower Upper

184 100

185 15.3 11.0 16.4

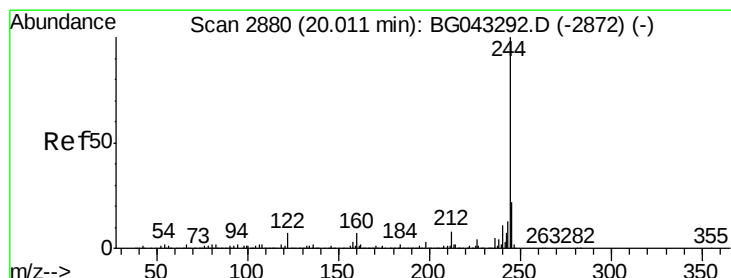
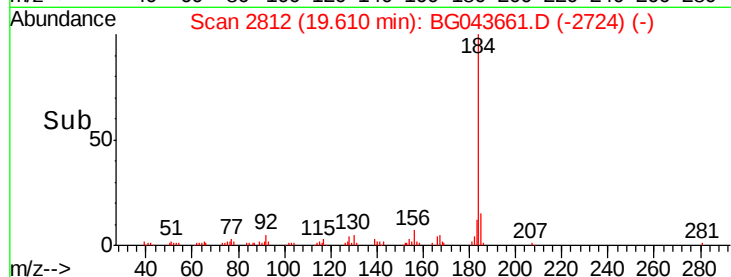
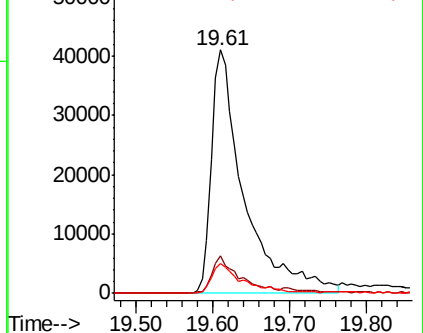
183 12.1 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 96.716 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043661.D

Acq: 15 Nov 2019 21:50

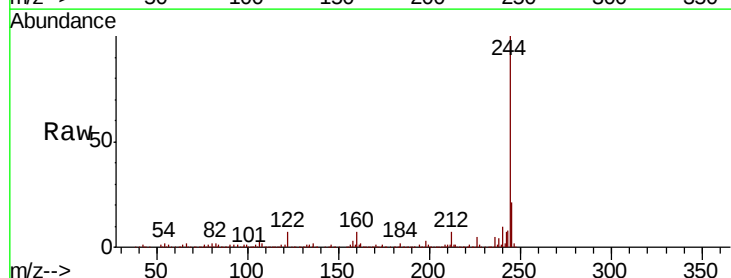
Tgt Ion:244 Resp: 972661

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

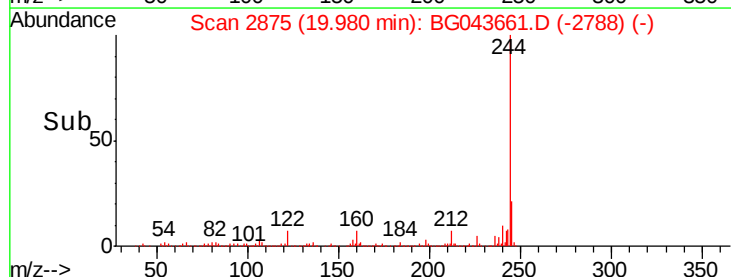
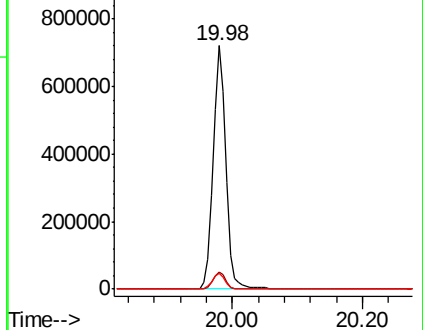
122 6.7 5.4 8.2

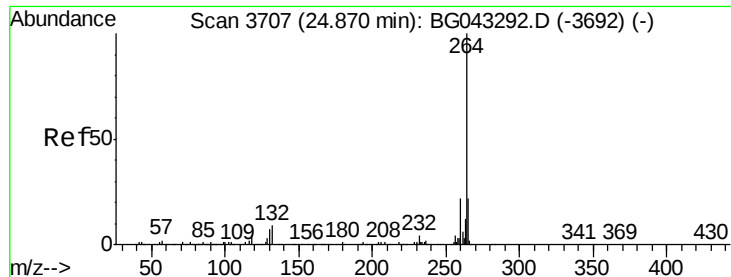


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

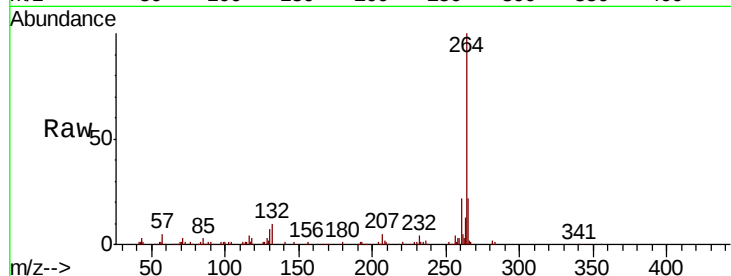




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3698
 Delta R.T. -0.04 min
 Lab File: BG043661.D
 Acq: 15 Nov 2019 21:50

Instrument :
 BNA_G
 ClientSampleId :
 PB124780BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.5	26.3
265	21.8	17.4	26.0



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

