

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042612.D
 Acq On : 30 Aug 2019 22:33
 Operator : HP/JU
 Sample : K4618-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4-28-30

Quant Time: Aug 31 01:46:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

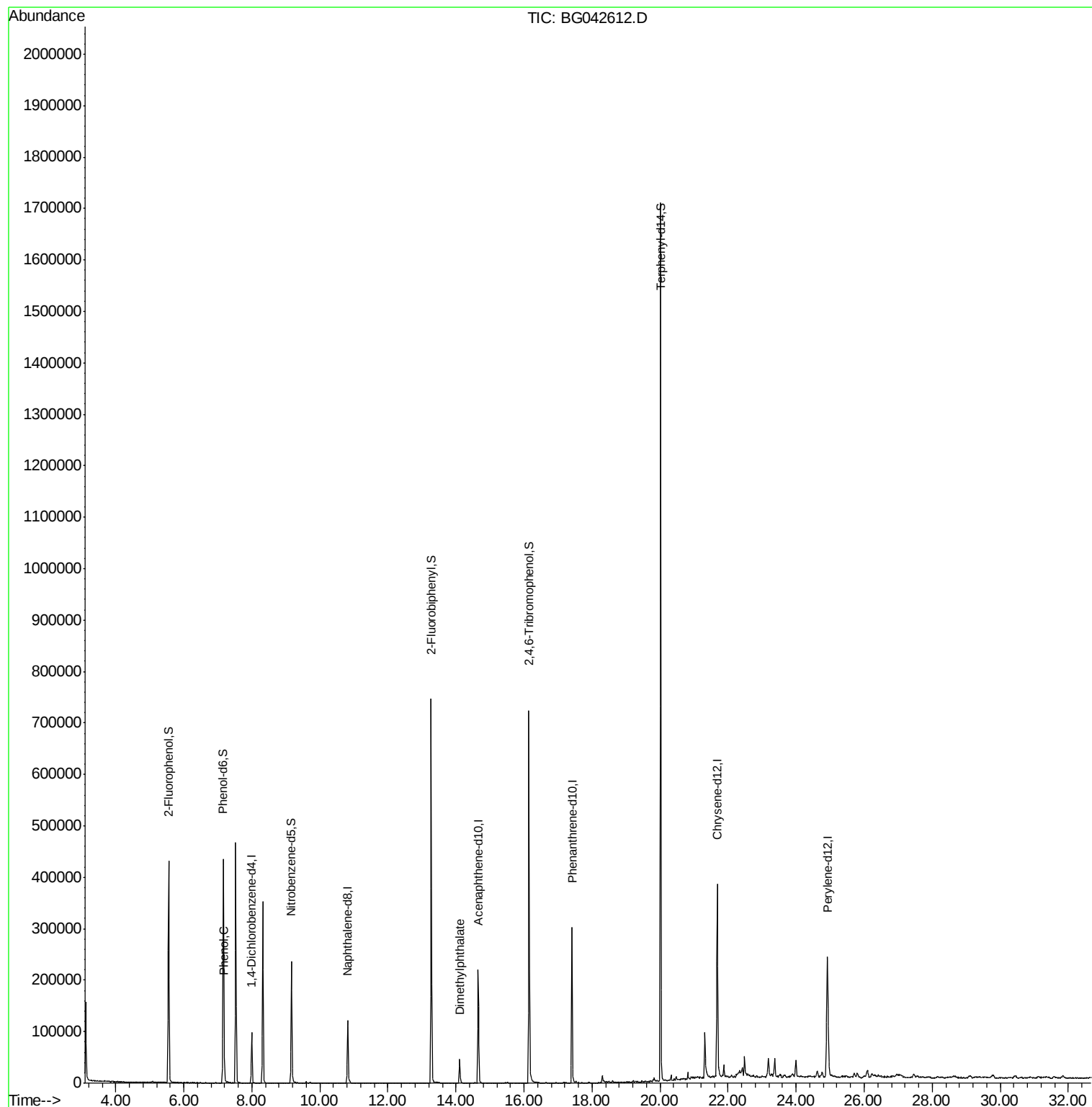
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33588	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	127950	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	96582	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	228073	20.00	ng	0.00
76) Chrysene-d12	21.68	240	246090	20.00	ng	-0.01
87) Perylene-d12	24.92	264	290103	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	215664	130.04	ng	0.00
7) Phenol-d6	7.16	99	290454	129.66	ng	0.00
23) Nitrobenzene-d5	9.17	82	160252	86.55	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	191342	139.39	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	451827	79.12	ng	0.00
79) Terphenyl-d14	20.02	244	899799	79.05	ng	0.00
Target Compounds						
10) Phenol	7.19	94	21988	9.654	ng	90
50) Dimethylphthalate	14.11	163	49978	7.172	ng	97

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

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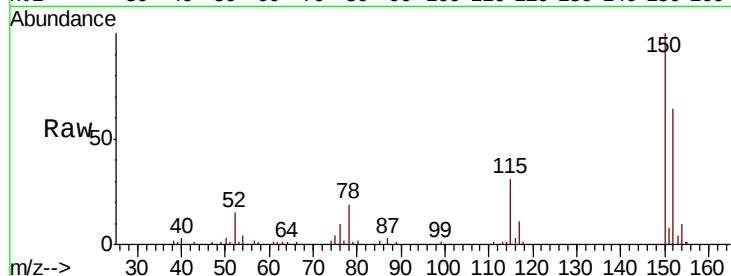


#1

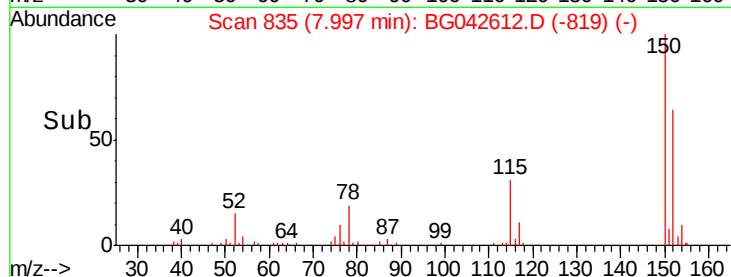
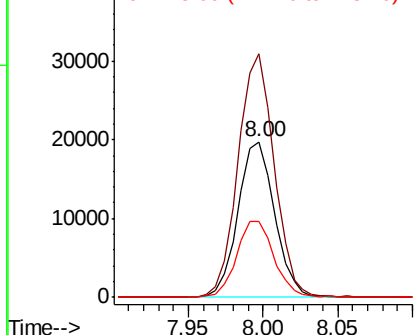
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042612.D
 Acq: 30 Aug 2019 22:33

Instrument :
 BNA_G
 ClientSampleId :
 SB-4-28-30

Tot Ion:152 Resp: 33588
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.4 188.0
 115 48.7 38.5 57.7



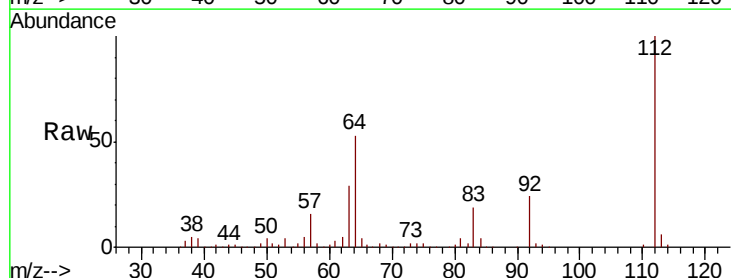
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



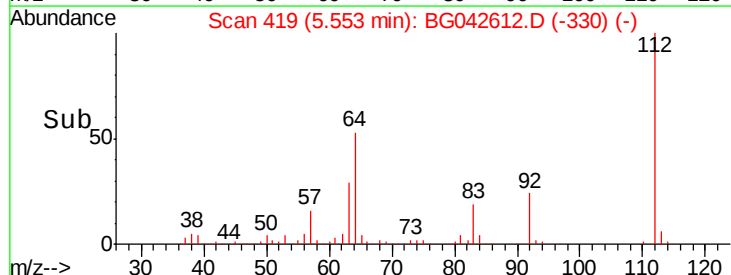
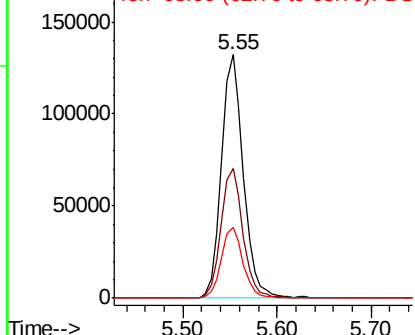
#5

2-Fluorophenol
 Concen: 130.041 ng
 RT: 5.55 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BG042612.D
 Acq: 30 Aug 2019 22:33

Tgt Ion:112 Resp: 215664
 Ion Ratio Lower Upper
 112 100
 64 53.2 42.8 64.2
 63 29.3 22.7 34.1



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: 129.658 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042612.D

Acq: 30 Aug 2019 22:33

Instrument :

BNA_G

ClientSampleId :

SB-4-28-30

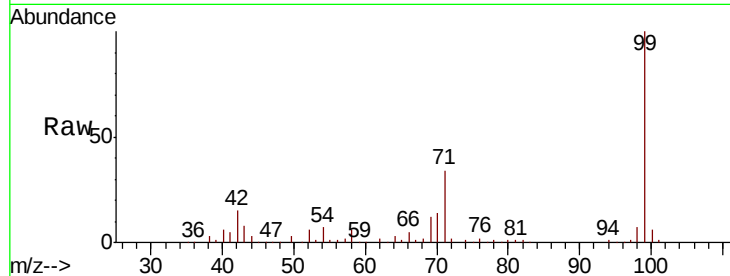
Tot Ion: 99 Resp: 290454

Ion Ratio Lower Upper

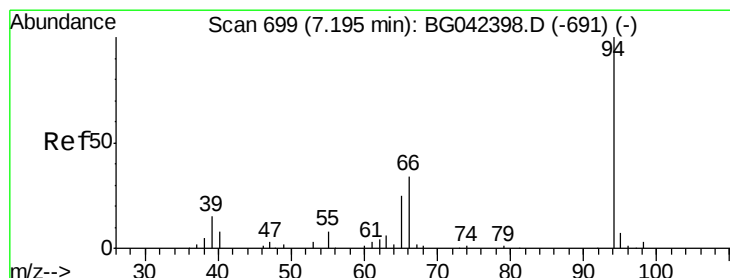
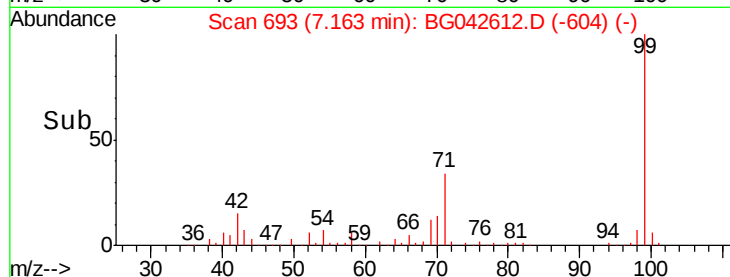
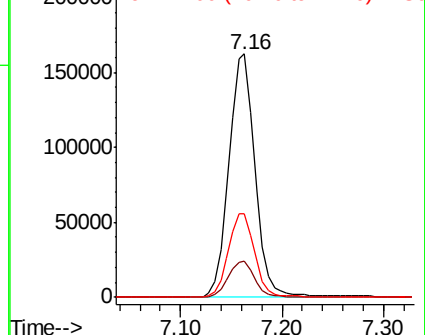
99 100

42 14.7 12.0 18.0

71 34.2 26.3 39.5



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



#10

Phenol

Concen: 9.654 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042612.D

Acq: 30 Aug 2019 22:33

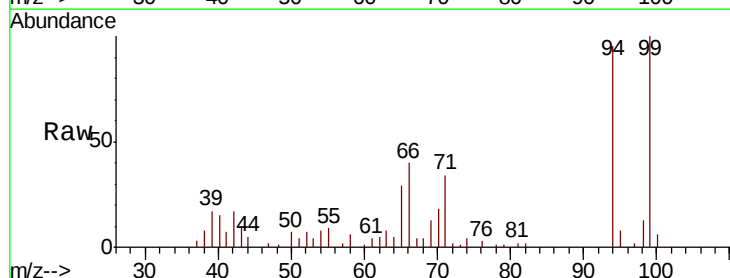
Tgt Ion: 94 Resp: 21988

Ion Ratio Lower Upper

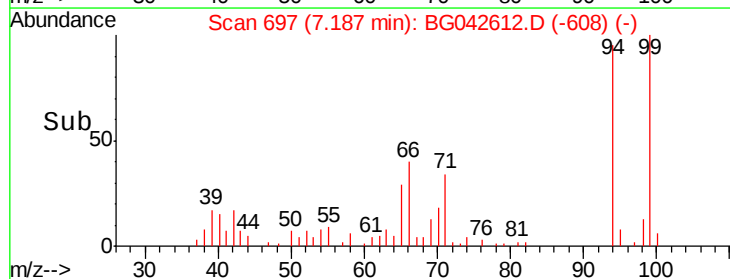
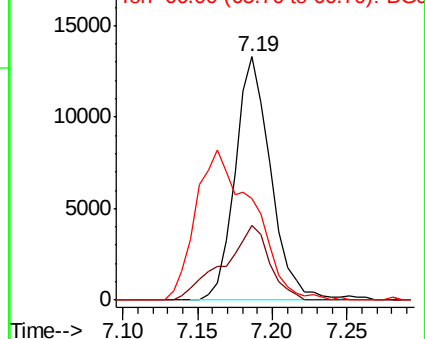
94 100

65 30.4 5.6 45.6

66 41.6 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042612.D

Acq: 30 Aug 2019 22:33

Instrument :

BNA_G

ClientSampleId :

SB-4-28-30

Tot Ion:136 Resp: 127950

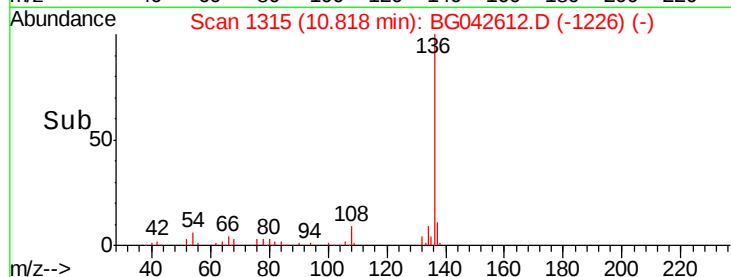
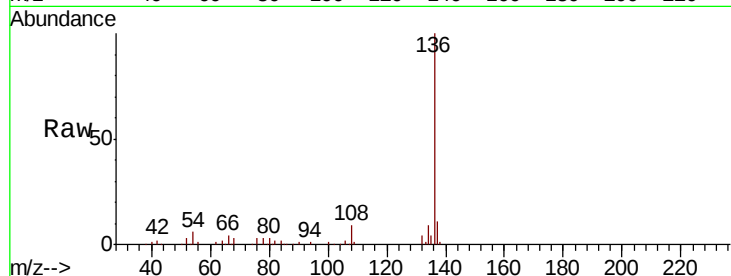
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 6.3 4.9 7.3

68 3.2 3.6 5.4#

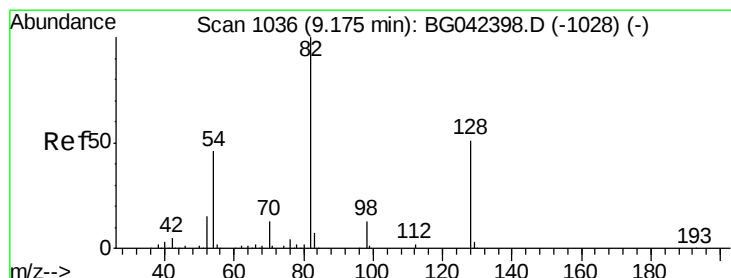
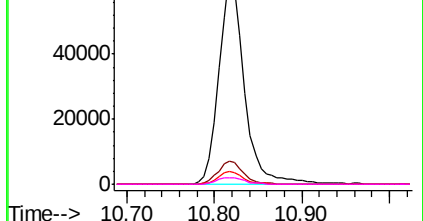


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.550 ng

RT: 9.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG042612.D

Acq: 30 Aug 2019 22:33

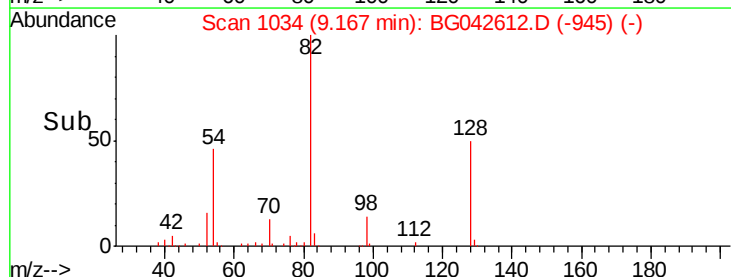
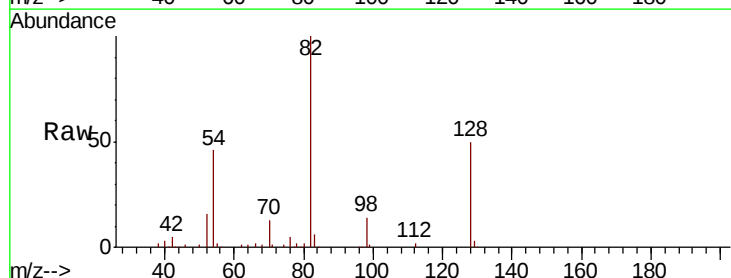
Tgt Ion: 82 Resp: 160252

Ion Ratio Lower Upper

82 100

128 49.7 40.7 61.1

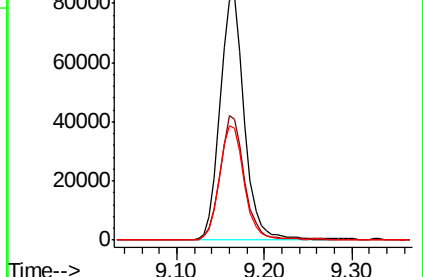
54 46.1 36.3 54.5

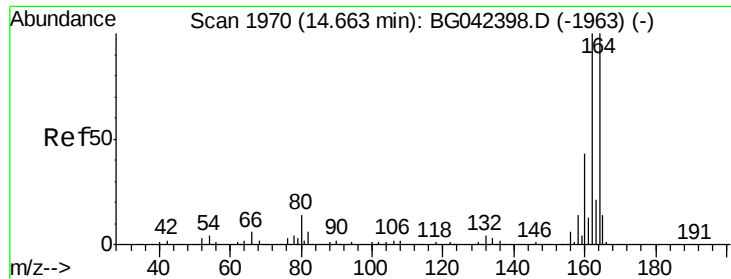


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

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. -0.01 min

Lab File: BG042612.D

Acq: 30 Aug 2019 22:33

Instrument :

BNA_G

ClientSampleId :

SB-4-28-30

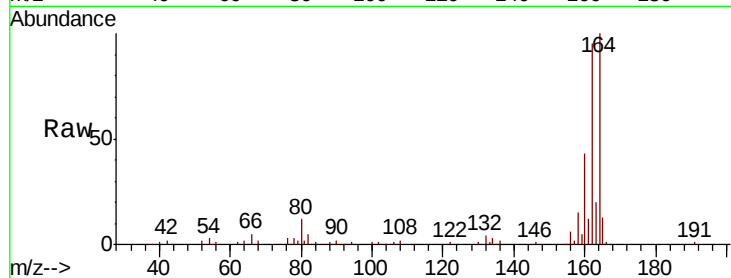
Tot Ion:164 Resp: 96582

Ion Ratio Lower Upper

164 100

162 95.2 79.9 119.9

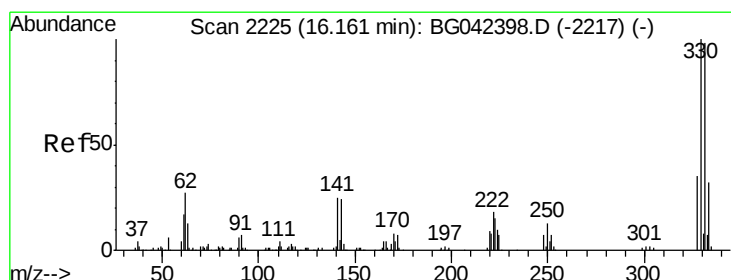
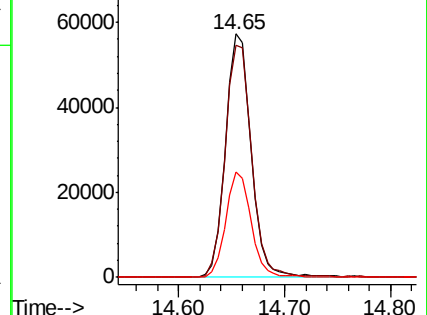
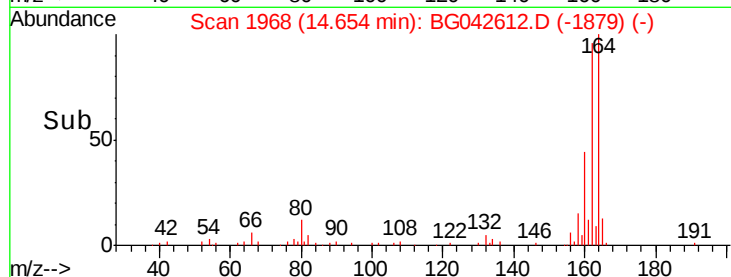
160 43.3 34.3 51.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 139.385 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG042612.D

Acq: 30 Aug 2019 22:33

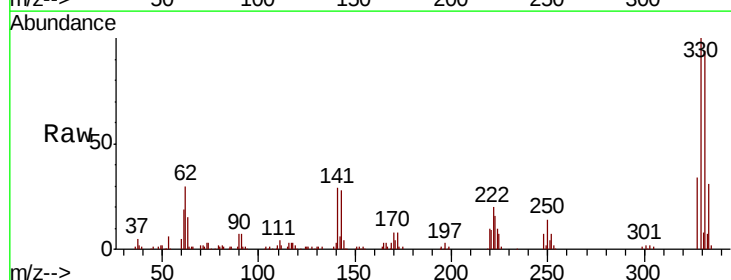
Tgt Ion:330 Resp: 191342

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

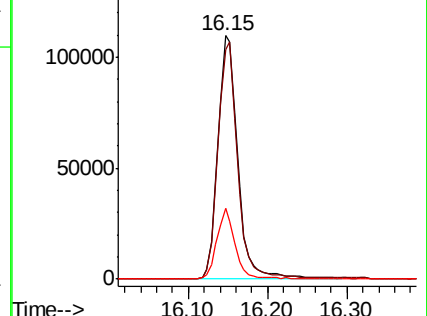
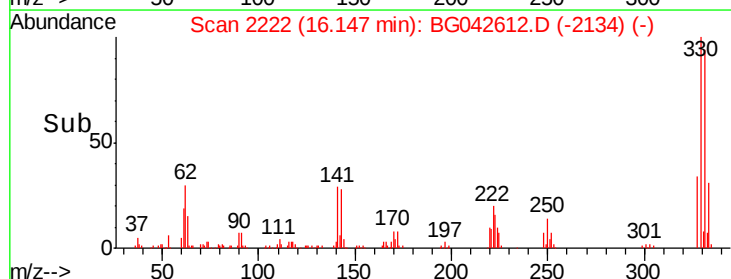
141 26.8 21.4 32.0

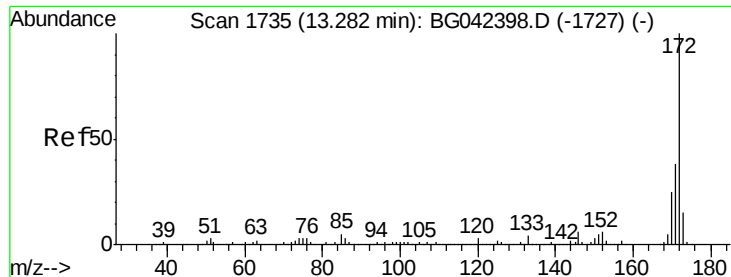


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

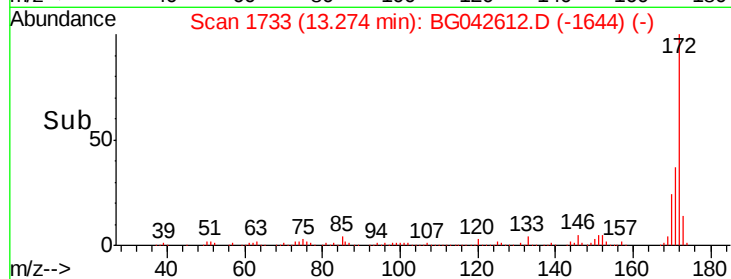
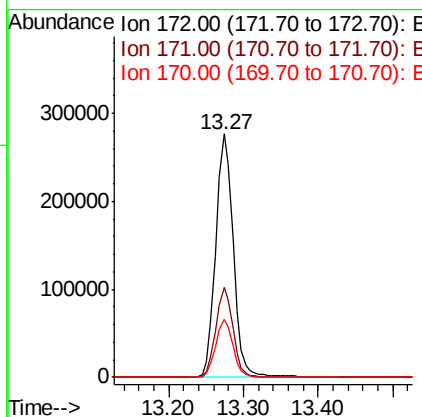
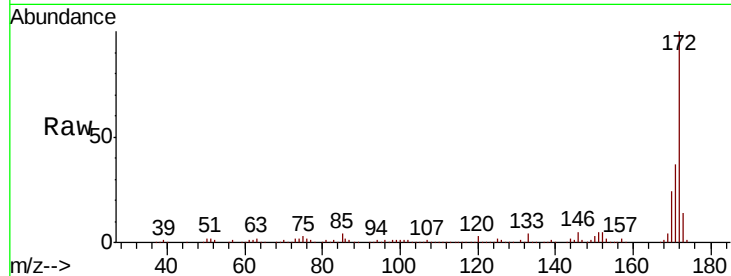




#45
 2-Fluorobiphenyl
 Concen: 79.121 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042612.D
 Acq: 30 Aug 2019 22:33

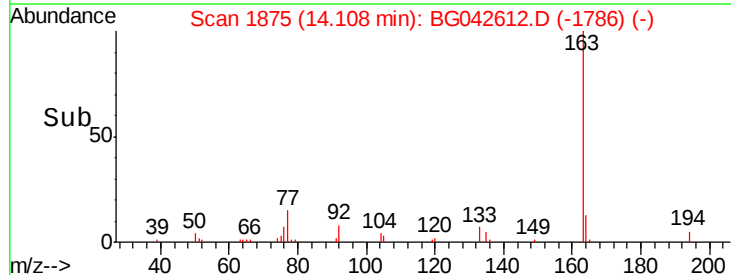
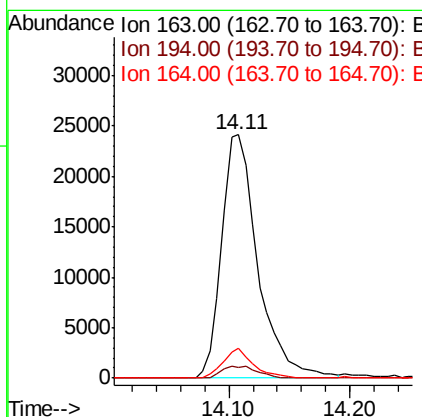
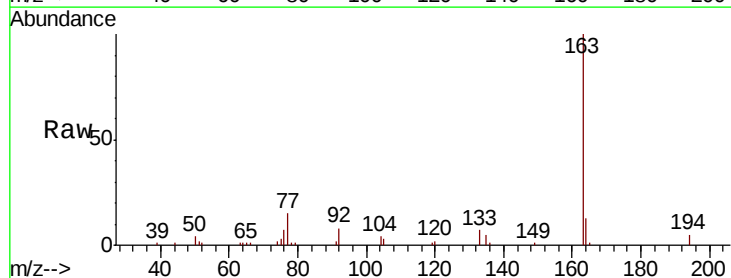
Instrument :
 BNA_G
 ClientSampleId :
 SB-4-28-30

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.1	20.2	30.2



#50
 Dimethylphthalate
 Concen: 7.172 ng
 RT: 14.11 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG042612.D
 Acq: 30 Aug 2019 22:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.2	6.2
164	12.5	8.8	13.2

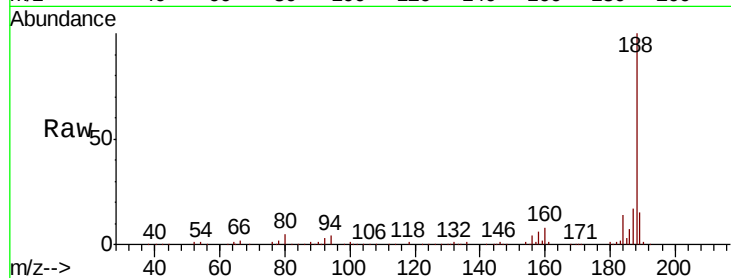




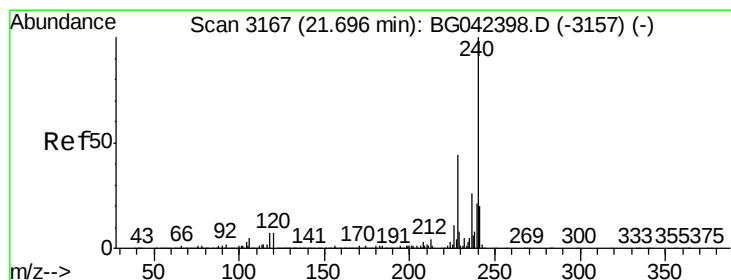
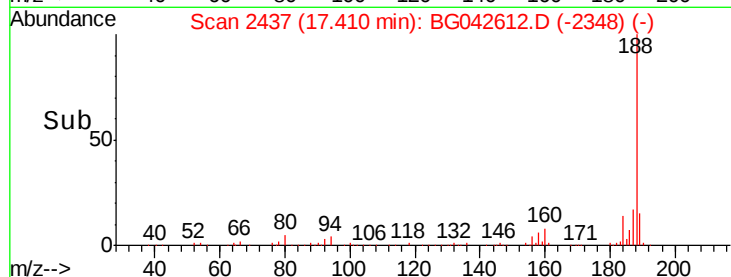
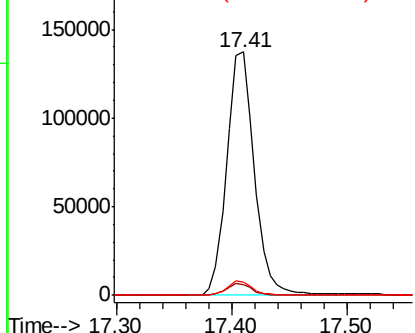
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Instrument :
BNA_G
ClientSampled :
SB-4-28-30

Tot Ion:188 Resp: 228073
Ion Ratio Lower Upper
188 100
94 4.4 4.5 6.7#
80 5.2 4.9 7.3

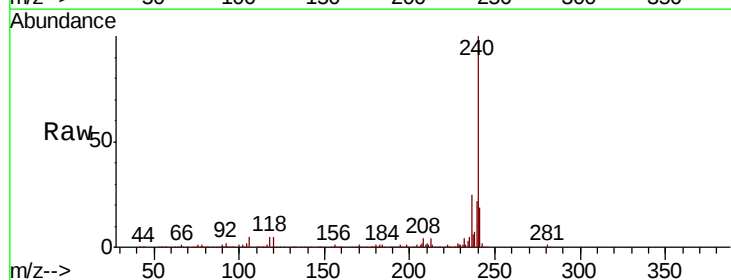


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

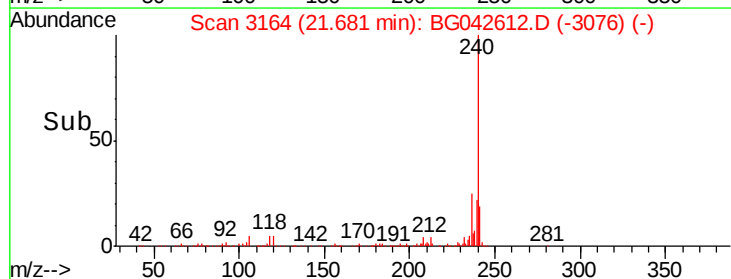
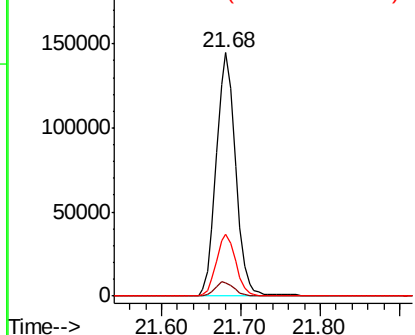


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Tgt Ion:240 Resp: 246090
Ion Ratio Lower Upper
240 100
120 5.4 5.7 8.5#
236 25.5 21.0 31.4



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





#79

Terphenyl-d14

Concen: 79.048 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042612.D

Acq: 30 Aug 2019 22:33

Instrument :

BNA_G

ClientSampleId :

SB-4-28-30

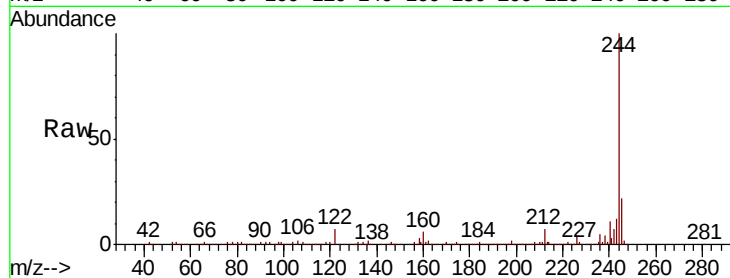
Tot Ion:244 Resp: 899799

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

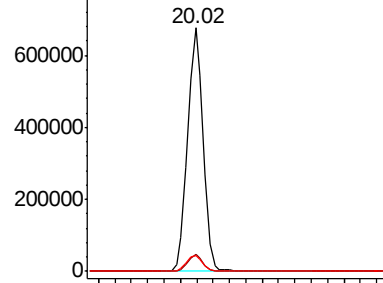
122 6.7 6.7 10.1



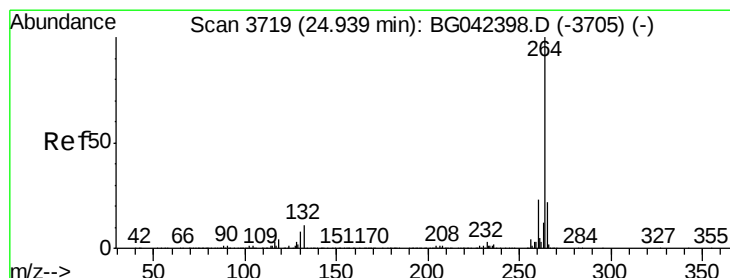
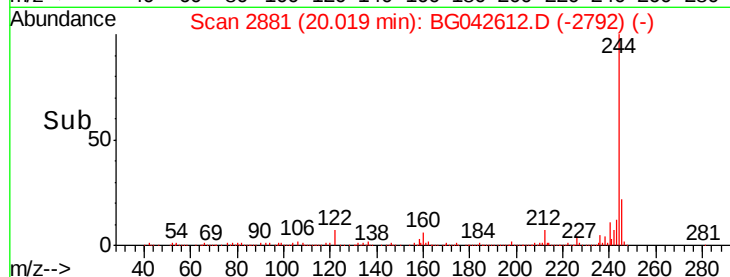
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00 20.10 20.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG042612.D

Acq: 30 Aug 2019 22:33

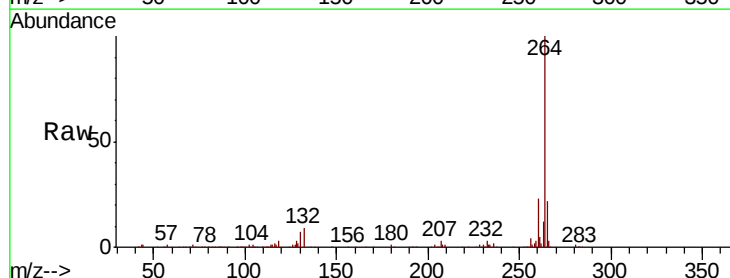
Tgt Ion:264 Resp: 290103

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

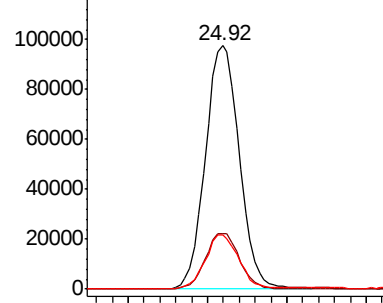
265 22.1 17.6 26.4



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



Time--> 24.80 24.90 25.00

