

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\
 Data File : BG042496.D
 Acq On : 26 Aug 2019 12:28
 Operator : HP/JU
 Sample : PB122444BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BL

Quant Time: Aug 27 01:50:57 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	49691	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	194762	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	136205	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	311571	20.00	ng	0.00
76) Chrysene-d12	21.69	240	356537	20.00	ng	0.00
87) Perylene-d12	24.93	264	406533	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	355225	144.78	ng	0.00
7) Phenol-d6	7.17	99	462729	139.62	ng	0.00
23) Nitrobenzene-d5	9.17	82	262306	93.07	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	232667	120.18	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	816211	101.35	ng	0.00
79) Terphenyl-d14	20.02	244	1458632	88.45	ng	0.00

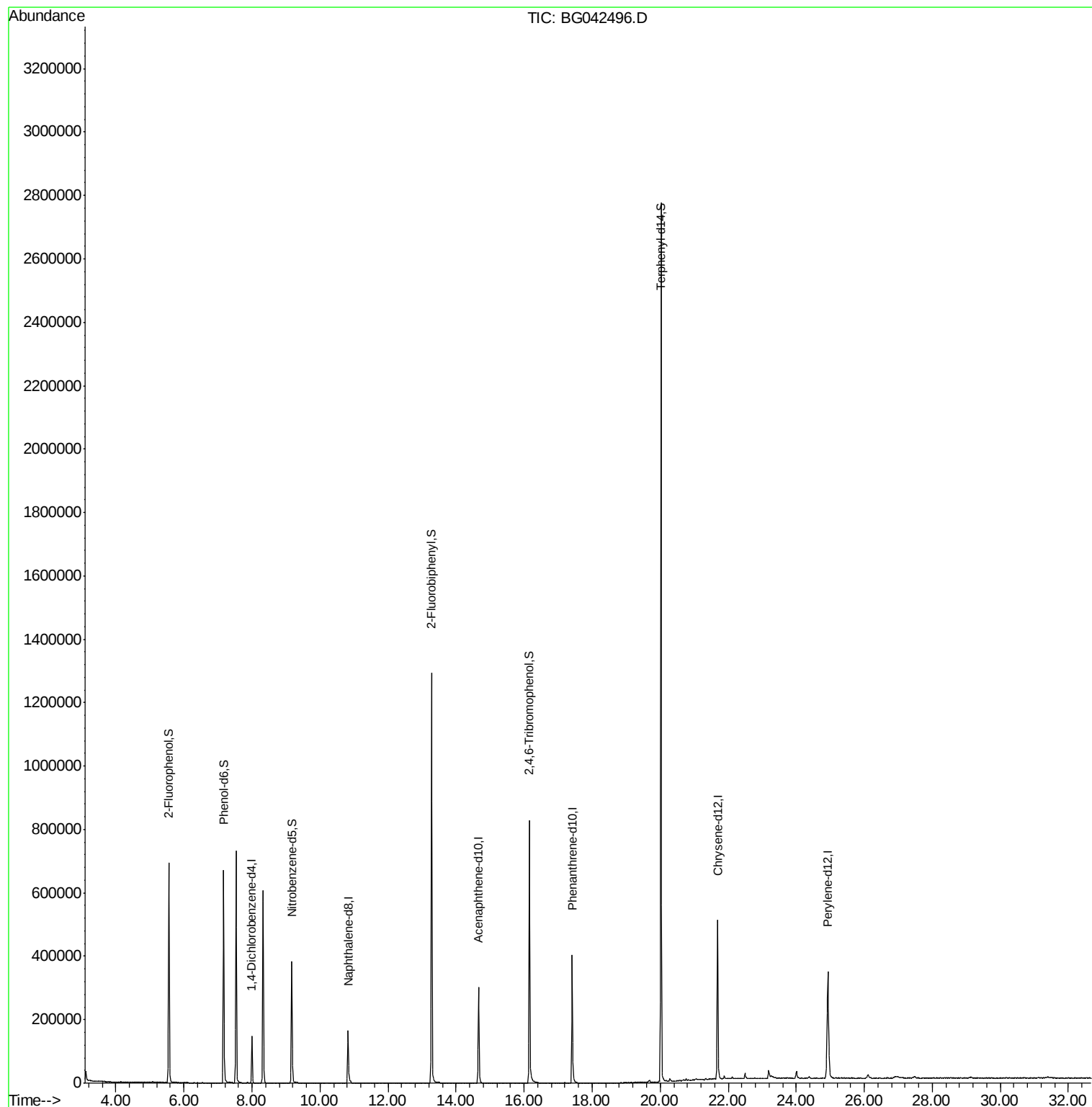
Target Compounds Qvalue

(#) = 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# 836

Delta R.T. -0.01 min

Lab File: BG042496.D

Acq: 26 Aug 2019 12:28

Instrument :

BNA_G

ClientSampleId :

PB122444BL

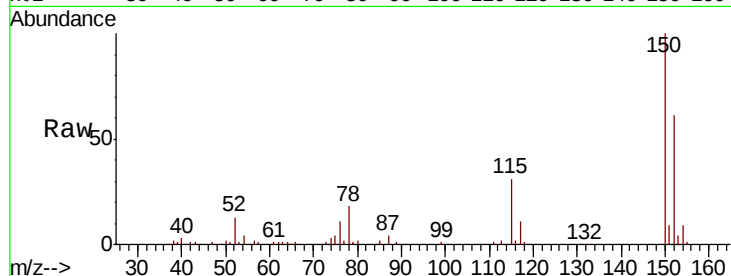
Tot Ion:152 Resp: 49691

Ion Ratio Lower Upper

152 100

150 162.7 125.4 188.0

115 50.7 38.5 57.7

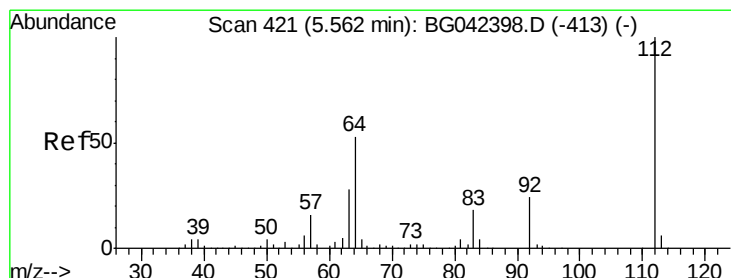
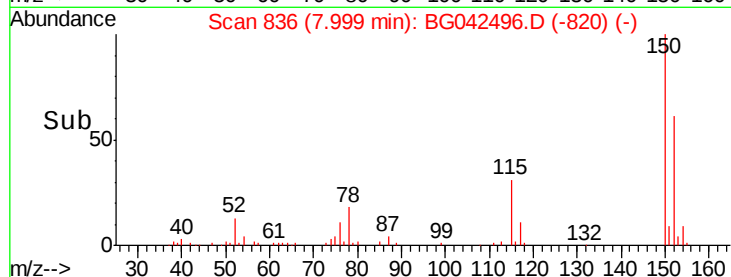
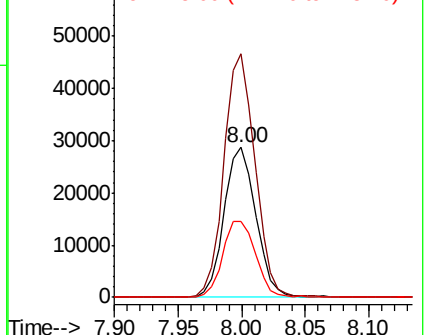


Abundance

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: 144.782 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042496.D

Acq: 26 Aug 2019 12:28

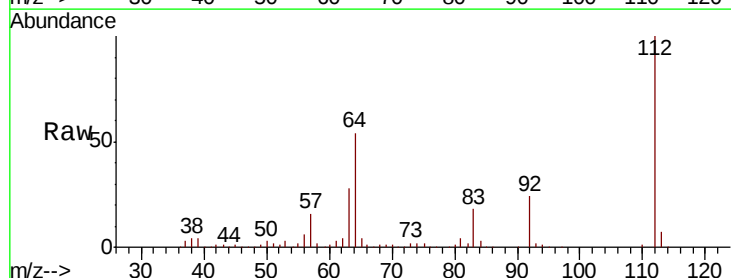
Tgt Ion:112 Resp: 355225

Ion Ratio Lower Upper

112 100

64 53.8 42.8 64.2

63 27.8 22.7 34.1

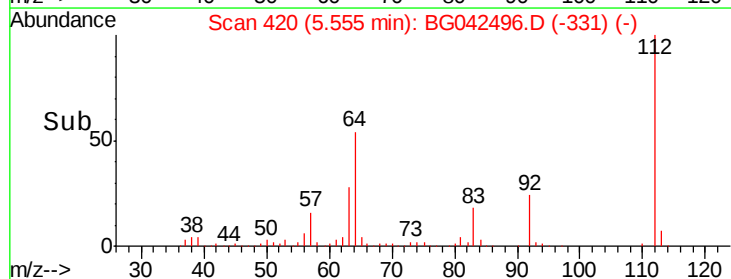
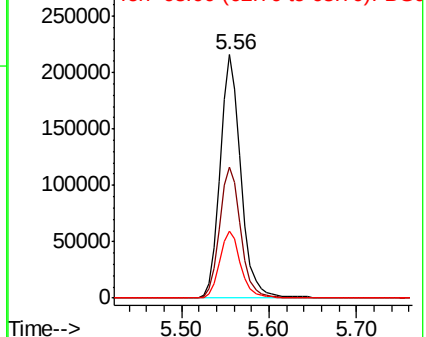


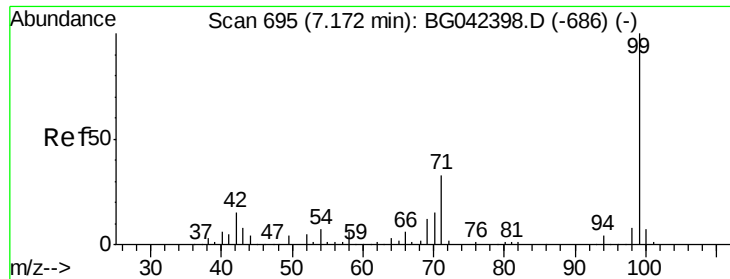
Abundance

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: 139.622 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042496.D

Acq: 26 Aug 2019 12:28

Instrument :

BNA_G

ClientSampleId :

PB122444BL

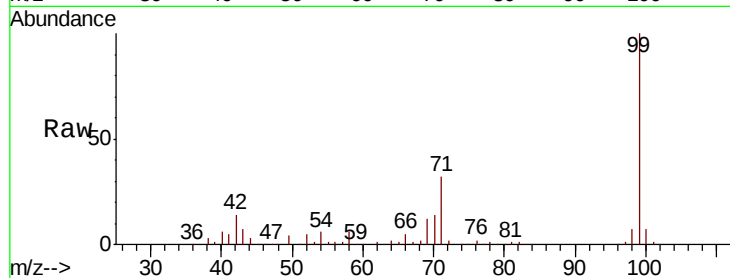
Tot Ion: 99 Resp: 462729

Ion Ratio Lower Upper

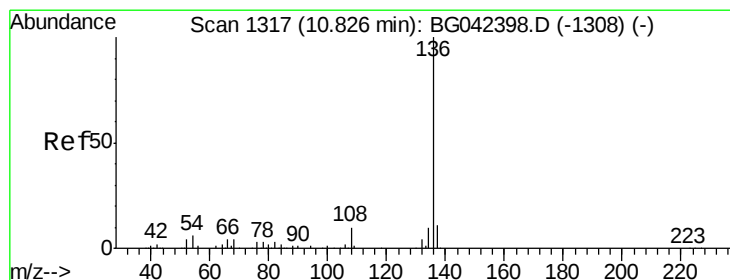
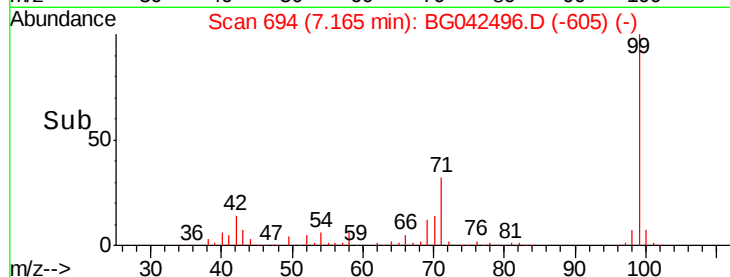
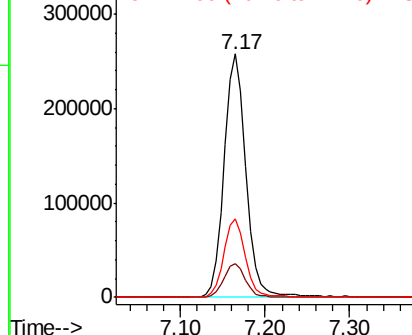
99 100

42 13.9 12.0 18.0

71 32.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042496.D

Acq: 26 Aug 2019 12:28

Tgt Ion: 136 Resp: 194762

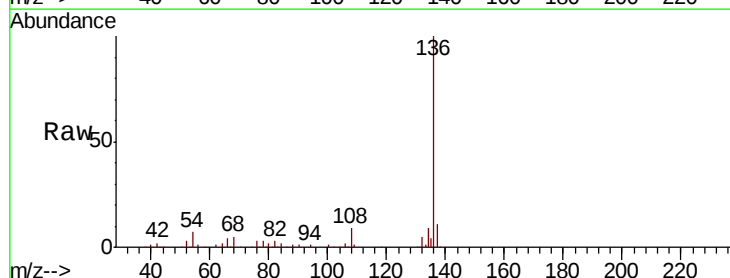
Ion Ratio Lower Upper

136 100

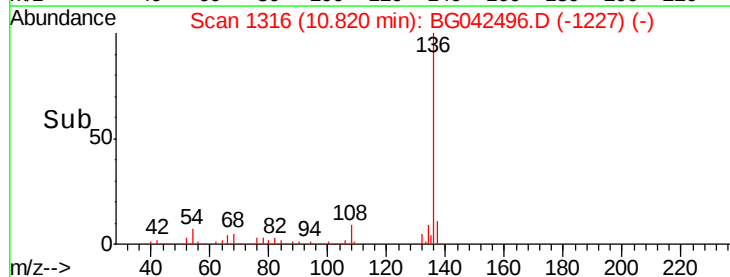
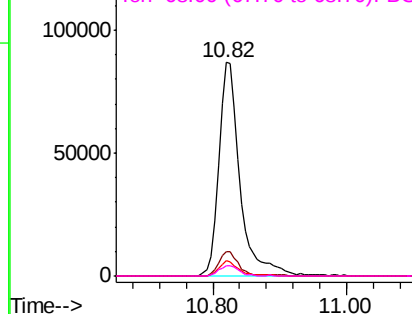
137 11.5 8.7 13.1

54 6.9 4.9 7.3

68 4.8 3.6 5.4



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

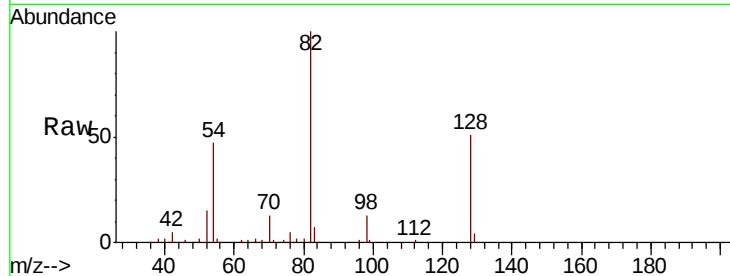




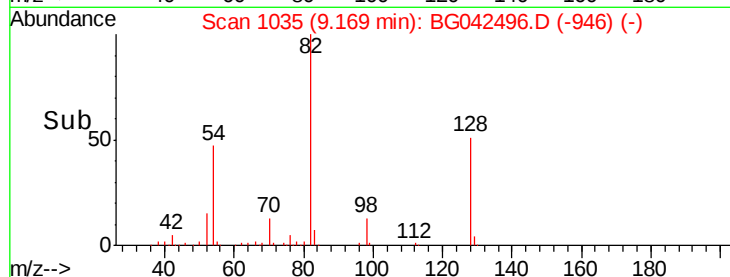
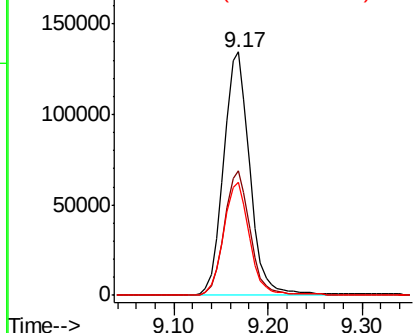
#23
Nitrobenzene-d5
Concen: 93.069 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042496.D
Acq: 26 Aug 2019 12:28

Instrument :
BNA_G
ClientSampleId :
PB122444BL

Tot Ion	82	Resp	262306
Ion Ratio	100	Lower	Upper
128	51.2	40.7	61.1
54	46.7	36.3	54.5

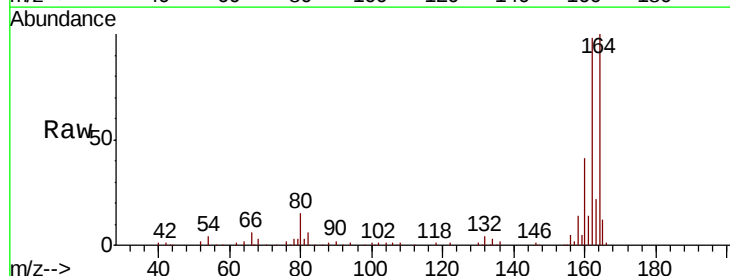


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

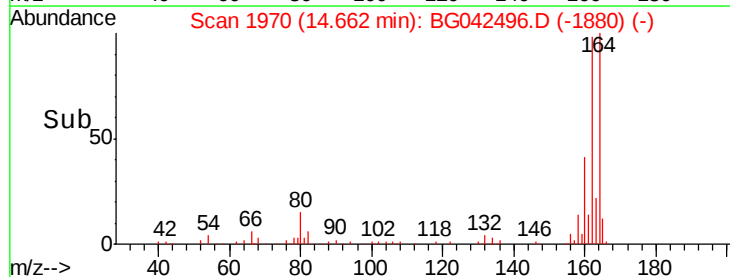
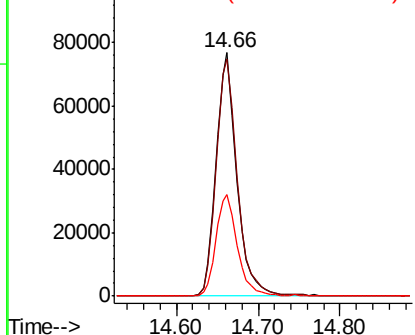


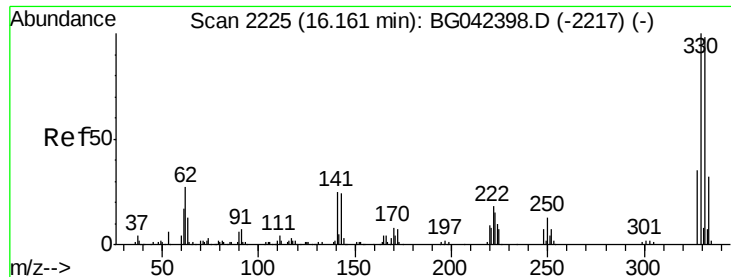
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042496.D
Acq: 26 Aug 2019 12:28

Tgt Ion	164	Resp	136205
Ion Ratio	100	Lower	Upper
162	97.6	79.9	119.9
160	41.5	34.3	51.5



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: 120.184 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042496.D

Acq: 26 Aug 2019 12:28

Instrument :

BNA_G

ClientSampleId :

PB122444BL

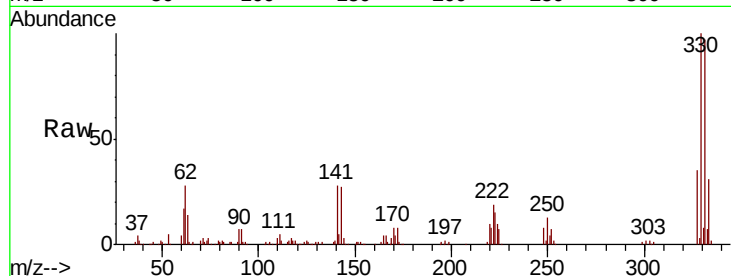
Tot Ion:330 Resp: 232667

Ion Ratio Lower Upper

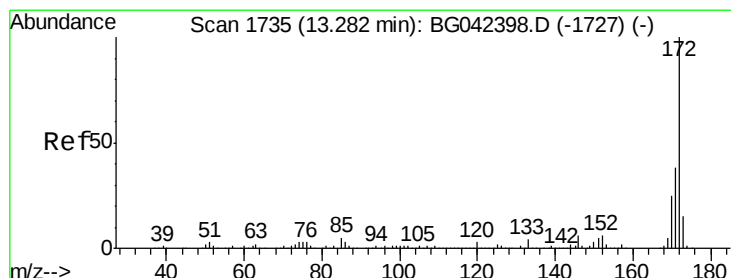
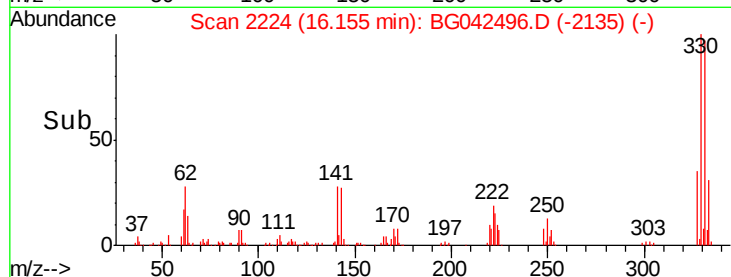
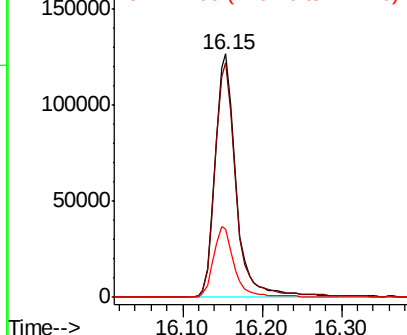
330 100

332 98.2 77.4 116.0

141 29.1 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: 101.351 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042496.D

Acq: 26 Aug 2019 12:28

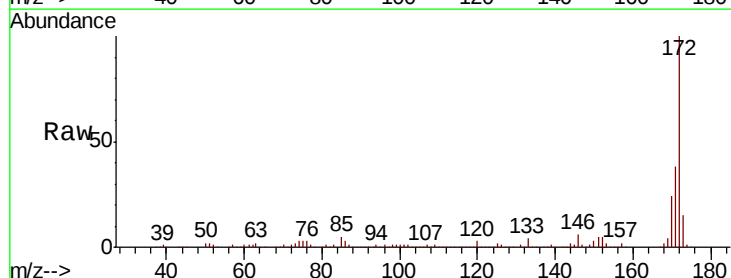
Tgt Ion:172 Resp: 816211

Ion Ratio Lower Upper

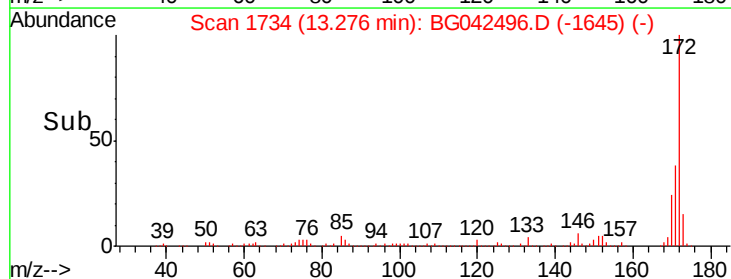
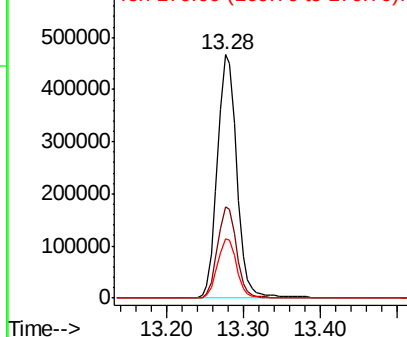
172 100

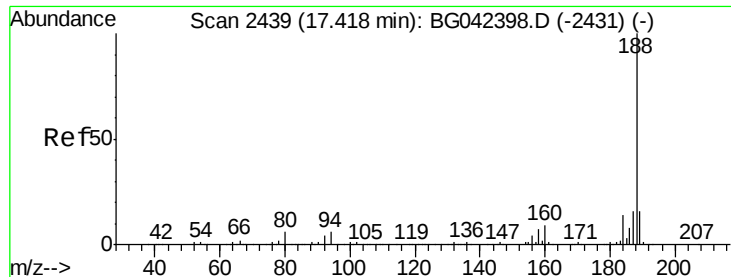
171 37.7 30.5 45.7

170 24.5 20.2 30.2



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042496.D

Acq: 26 Aug 2019 12:28

Instrument :

BNA_G

ClientSampleId :

PB122444BL

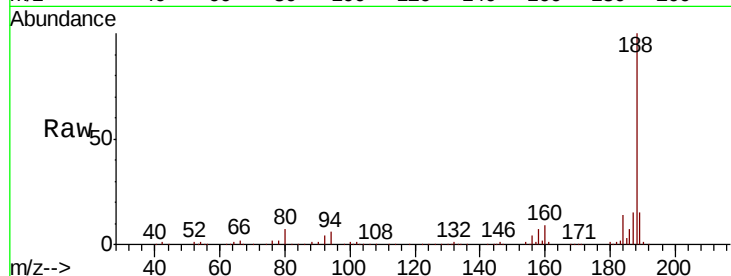
Tot Ion:188 Resp: 311571

Ion Ratio Lower Upper

188 100

94 6.3 4.5 6.7

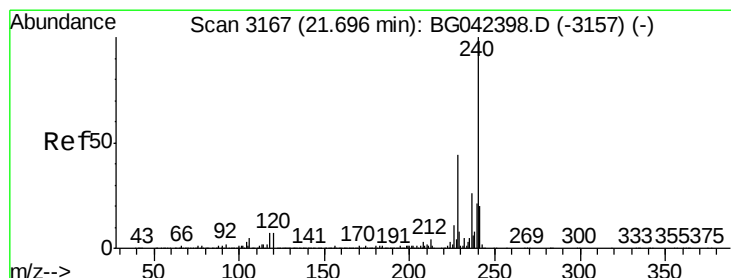
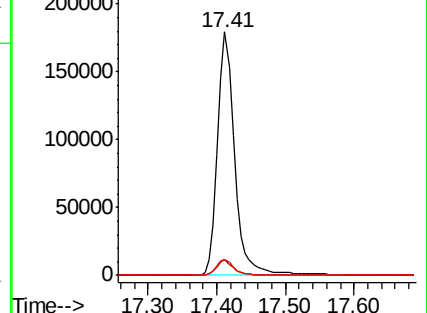
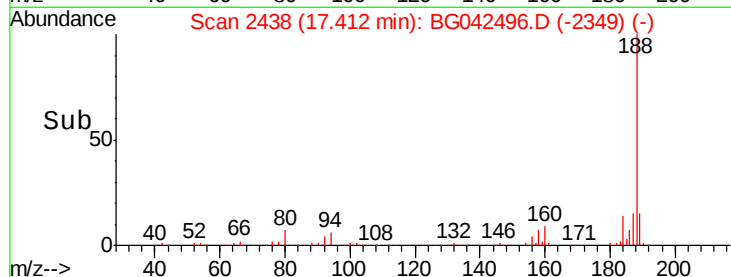
80 6.7 4.9 7.3



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. -0.01 min

Lab File: BG042496.D

Acq: 26 Aug 2019 12:28

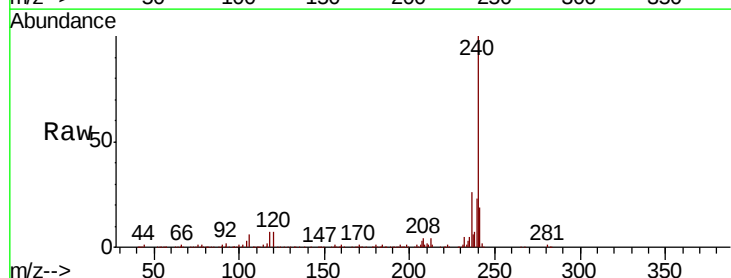
Tgt Ion:240 Resp: 356537

Ion Ratio Lower Upper

240 100

120 7.3 5.7 8.5

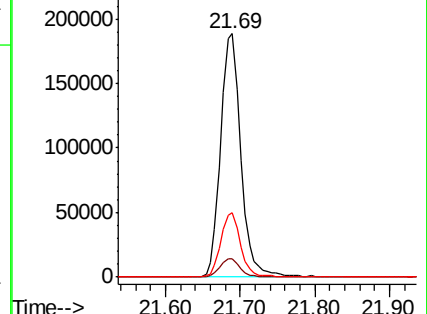
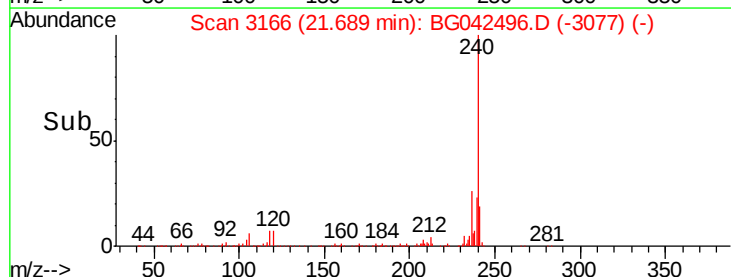
236 26.5 21.0 31.4



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: 88.446 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042496.D

Acq: 26 Aug 2019 12:28

Instrument :

BNA_G

ClientSampleId :

PB122444BL

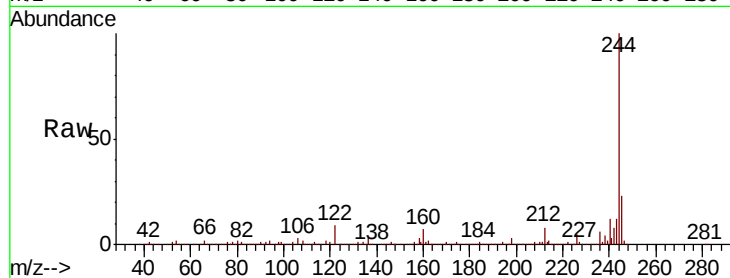
Tot Ion:244 Resp: 1458632

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

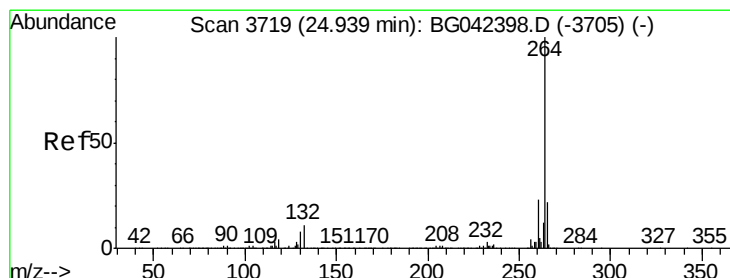
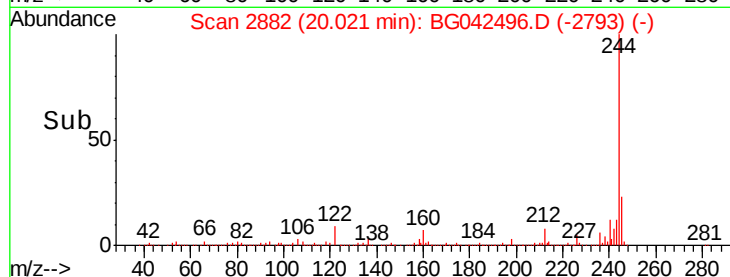
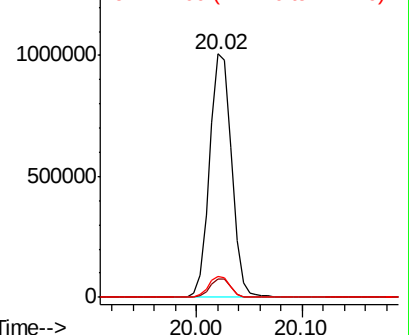
122 8.8 6.7 10.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042496.D

Acq: 26 Aug 2019 12:28

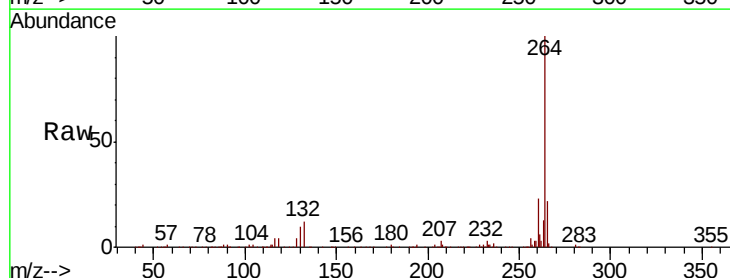
Tgt Ion:264 Resp: 406533

Ion Ratio Lower Upper

264 100

260 23.0 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

