

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042631.D
 Acq On : 31 Aug 2019 12:39
 Operator : HP/JU
 Sample : PB122684BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122684BL

Quant Time: Aug 31 18:21:32 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	33842	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	121321	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	89674	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	208138	20.00	ng	0.00
76) Chrysene-d12	21.68	240	249252	20.00	ng	-0.02
87) Perylene-d12	24.92	264	287135	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	164975	98.73	ng	0.00
7) Phenol-d6	7.16	99	214501	95.03	ng	0.00
23) Nitrobenzene-d5	9.17	82	176347	100.45	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	127874	100.33	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	585040	110.34	ng	0.00
79) Terphenyl-d14	20.02	244	1143166	99.15	ng	0.00

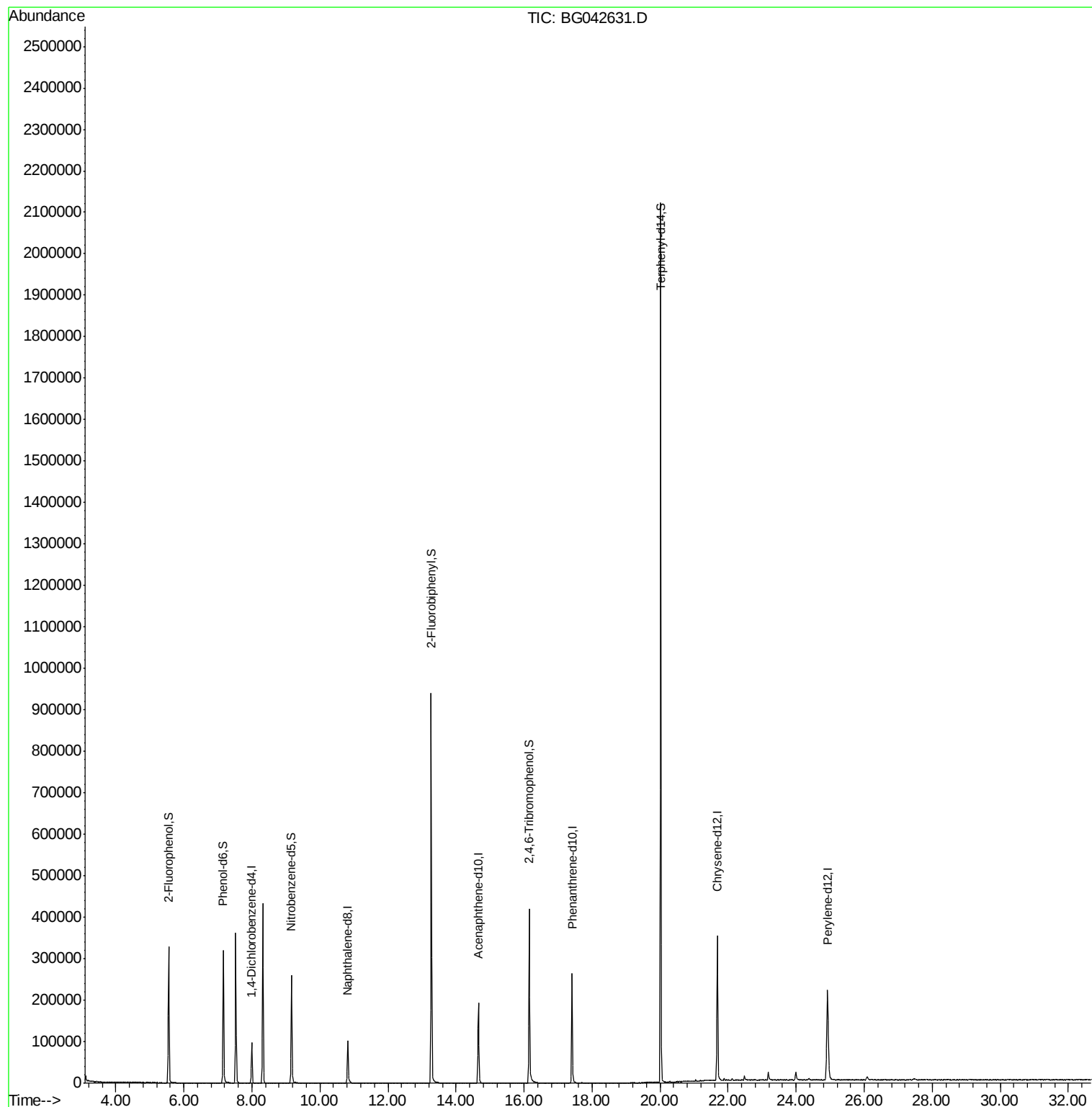
Target Compounds Qvalue

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

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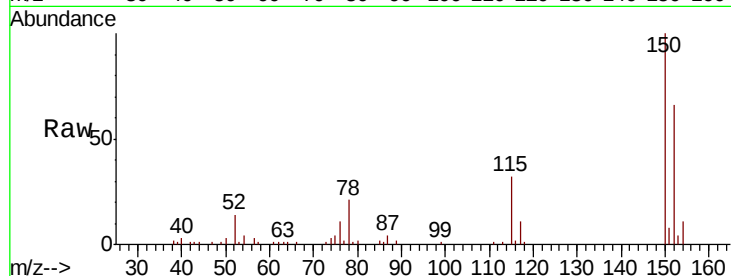


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042631.D
 Acq: 31 Aug 2019 12:39

Instrument :
 BNA_G
 ClientSampleId :
 PB122684BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	125.4	188.0
115	48.8	38.5	57.7

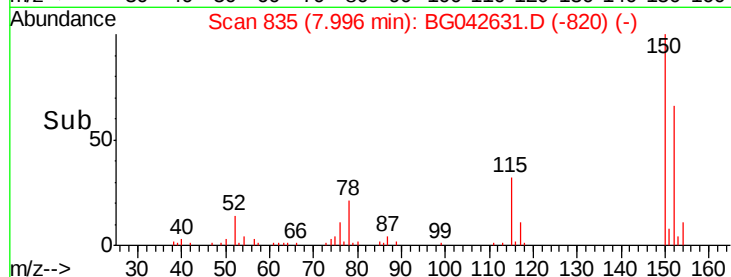
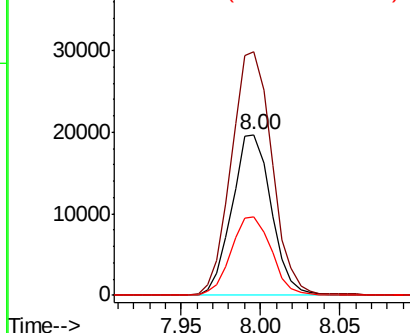


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

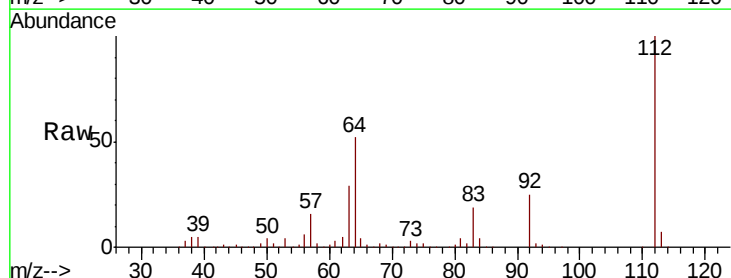
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 98.730 ng
 RT: 5.55 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BG042631.D
 Acq: 31 Aug 2019 12:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.8	64.2
63	28.9	22.7	34.1

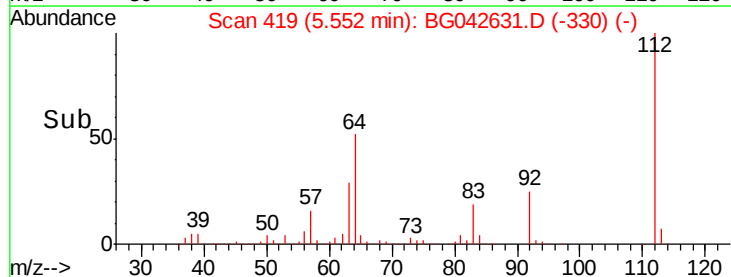
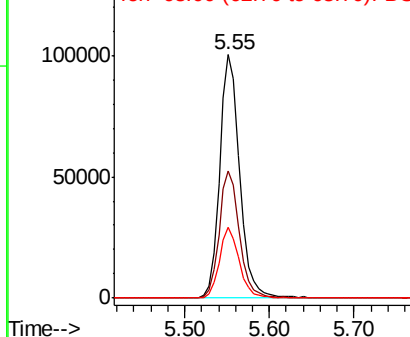


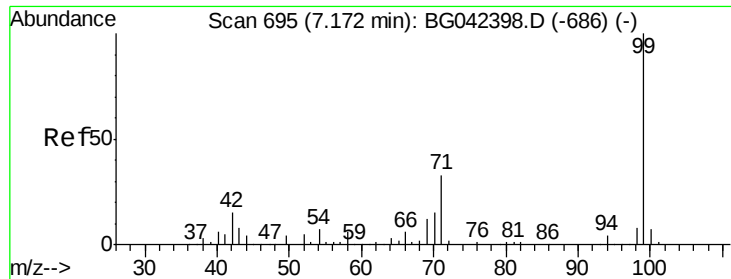
Abundance

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: 95.034 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042631.D

Acq: 31 Aug 2019 12:39

Instrument :

BNA_G

ClientSampleId :

PB122684BL

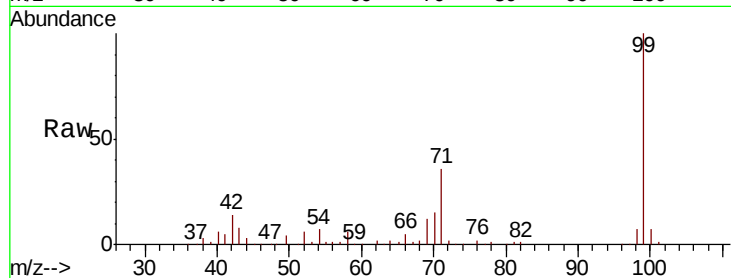
Tot Ion: 99 Resp: 214501

Ion Ratio Lower Upper

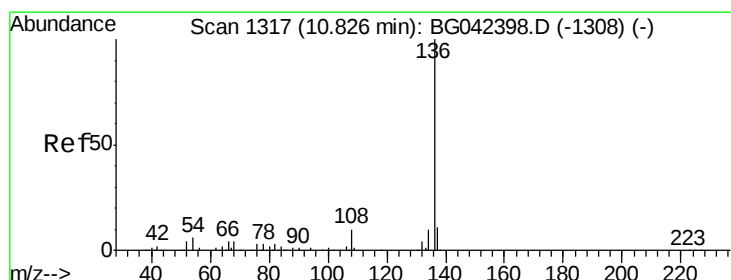
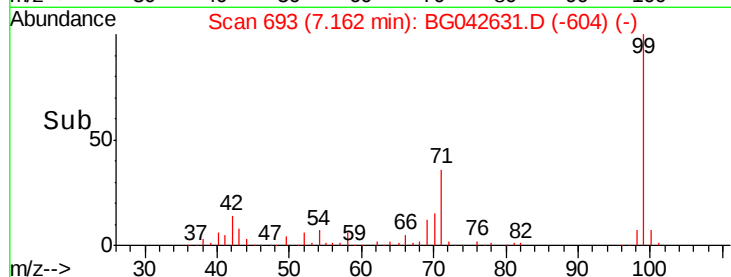
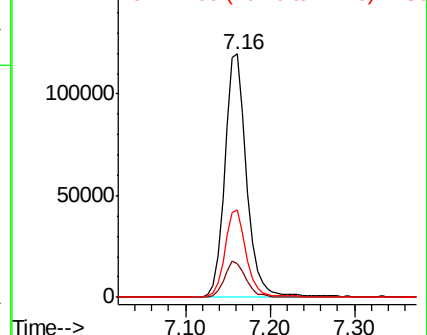
99 100

42 13.9 12.0 18.0

71 35.8 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# 1315

Delta R.T. -0.01 min

Lab File: BG042631.D

Acq: 31 Aug 2019 12:39

Tgt Ion: 136 Resp: 121321

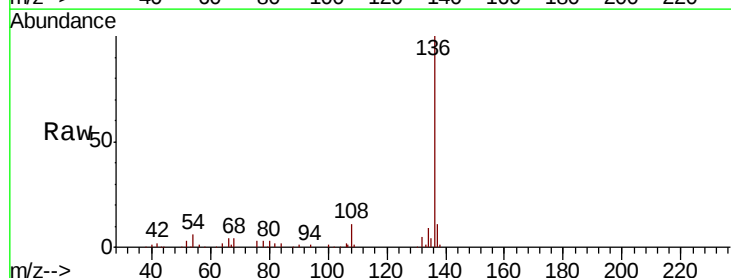
Ion Ratio Lower Upper

136 100

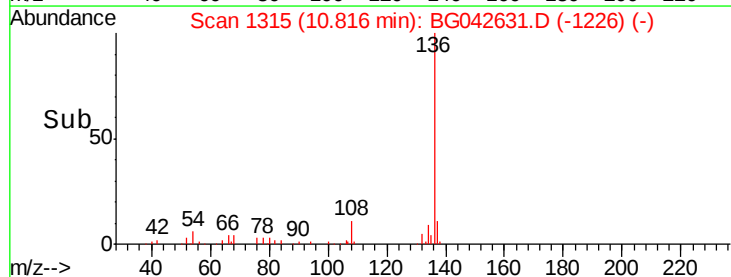
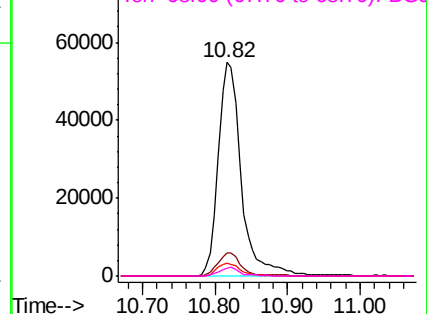
137 10.8 8.7 13.1

54 6.2 4.9 7.3

68 3.6 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

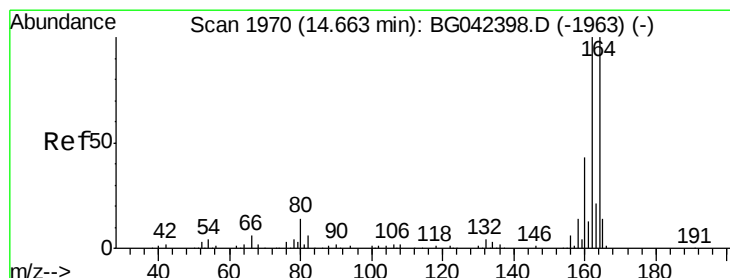
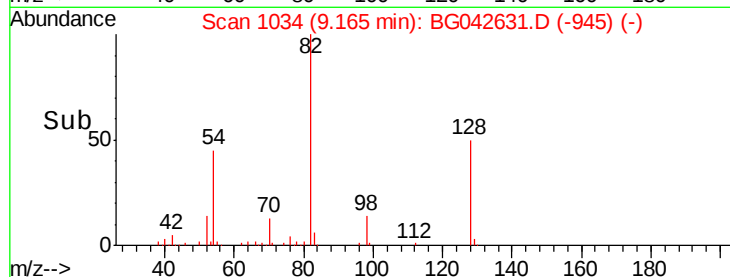
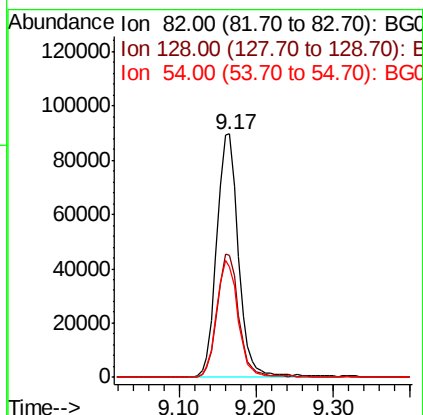
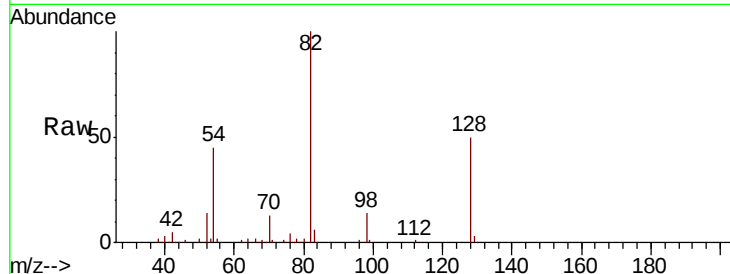




#23
Nitrobenzene-d5
Concen: 100.447 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042631.D
Acq: 31 Aug 2019 12:39

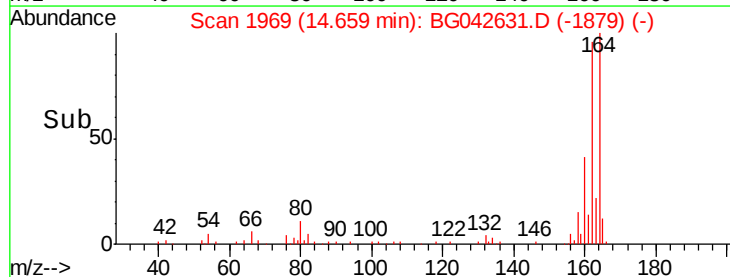
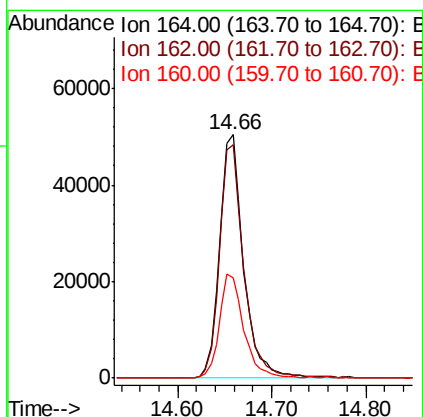
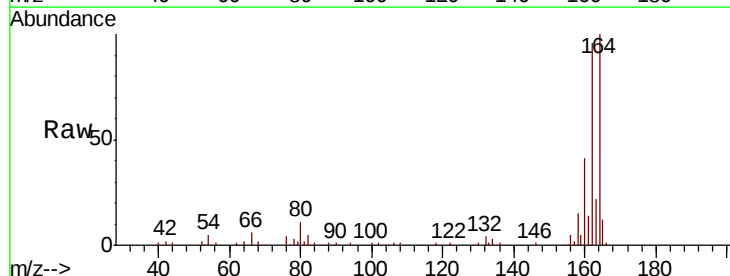
Instrument :
BNA_G
ClientSampleId :
PB122684BL

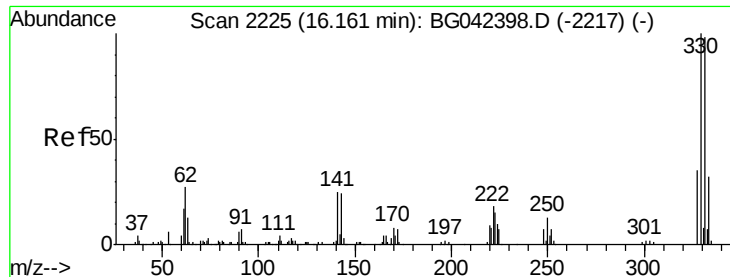
Tot Ion	82	Resp	176347
Ion Ratio	Lower	Upper	
82	100		
128	50.4	40.7	61.1
54	45.3	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042631.D
Acq: 31 Aug 2019 12:39

Tgt Ion	164	Resp	89674
Ion Ratio	Lower	Upper	
164	100		
162	95.7	79.9	119.9
160	41.1	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 100.327 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042631.D

Acq: 31 Aug 2019 12:39

Instrument :

BNA_G

ClientSampleId :

PB122684BL

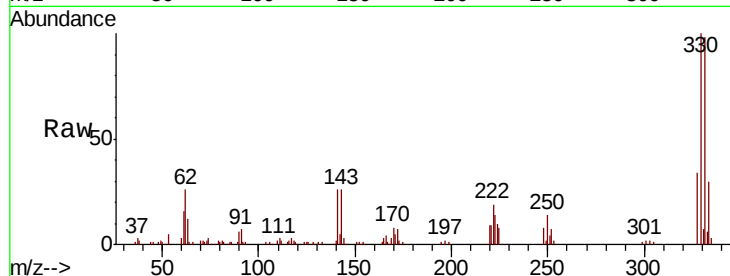
Tot Ion:330 Resp: 127874

Ion Ratio Lower Upper

330 100

332 94.2 77.4 116.0

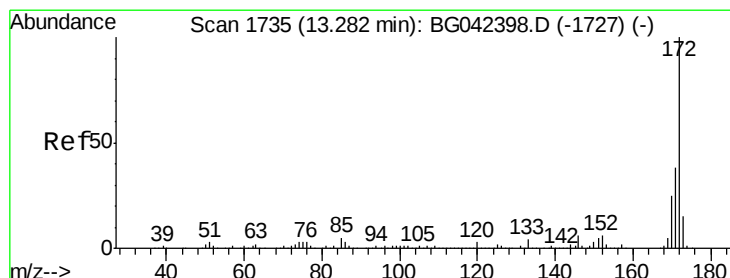
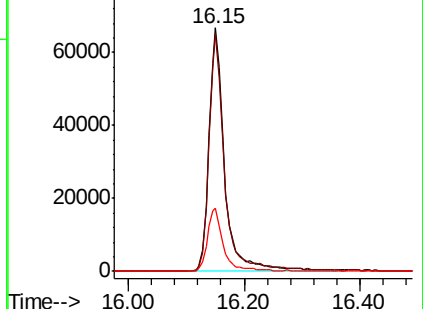
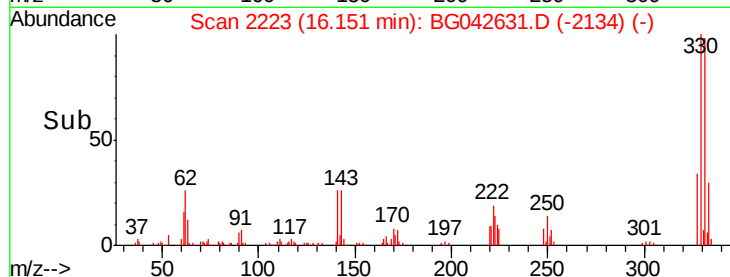
141 26.0 21.4 32.0



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: 110.341 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BG042631.D

Acq: 31 Aug 2019 12:39

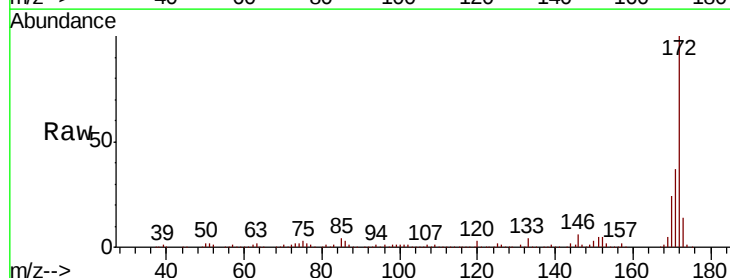
Tgt Ion:172 Resp: 585040

Ion Ratio Lower Upper

172 100

171 37.1 30.5 45.7

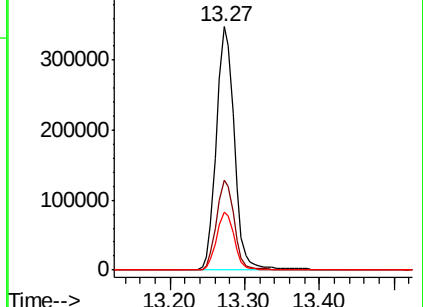
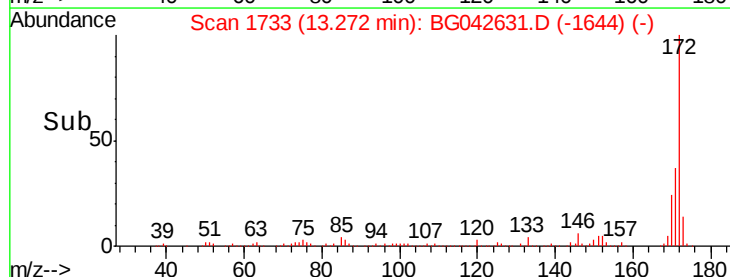
170 23.9 20.2 30.2



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# 2437

Delta R.T. -0.01 min

Lab File: BG042631.D

Acq: 31 Aug 2019 12:39

Instrument :

BNA_G

ClientSampleId :

PB122684BL

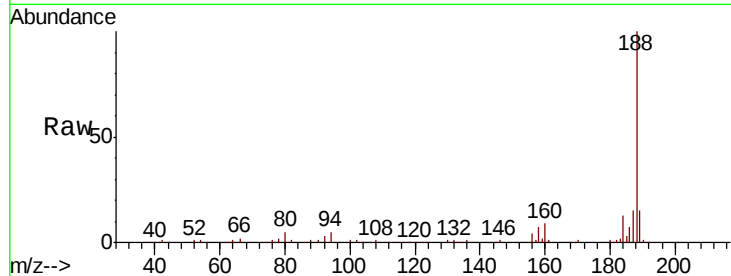
Tot Ion:188 Resp: 208138

Ion Ratio Lower Upper

188 100

94 4.8 4.5 6.7

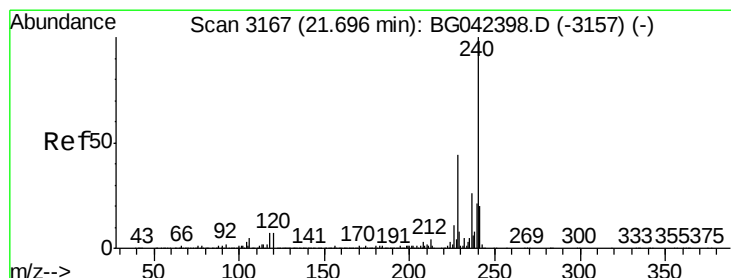
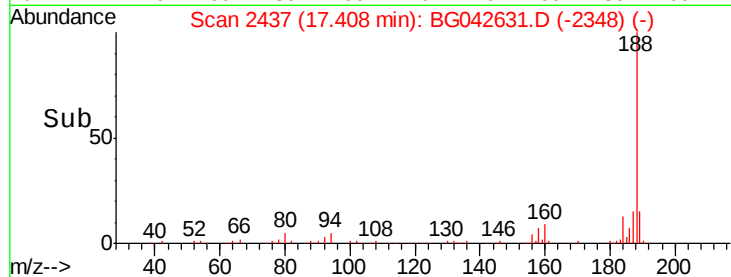
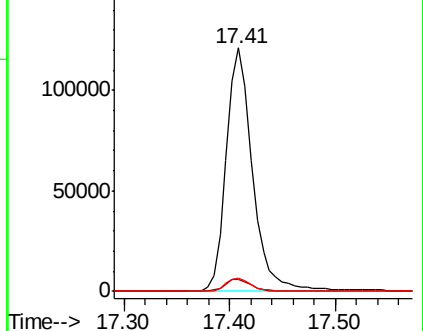
80 5.2 4.9 7.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG042631.D

Acq: 31 Aug 2019 12:39

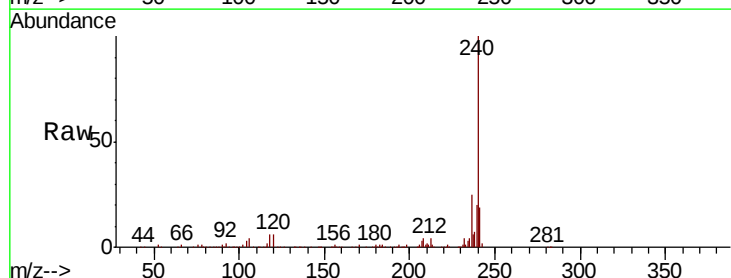
Tgt Ion:240 Resp: 249252

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

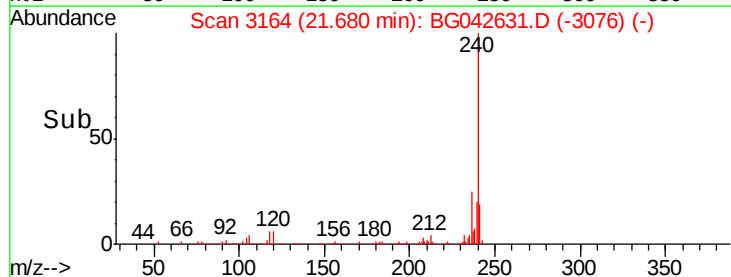
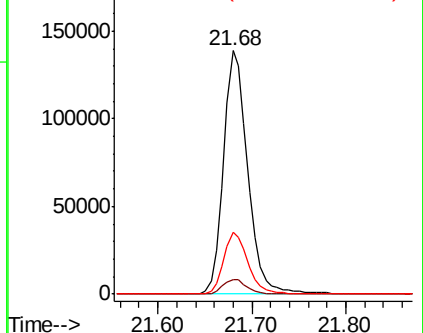
236 25.4 21.0 31.4



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: 99.154 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042631.D

Acq: 31 Aug 2019 12:39

Instrument :

BNA_G

ClientSampled :

PB122684BL

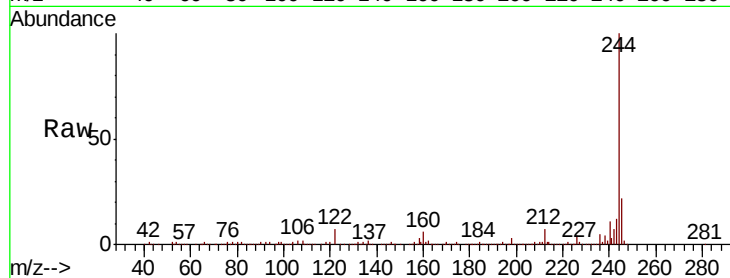
Tot Ion:244 Resp: 1143166

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

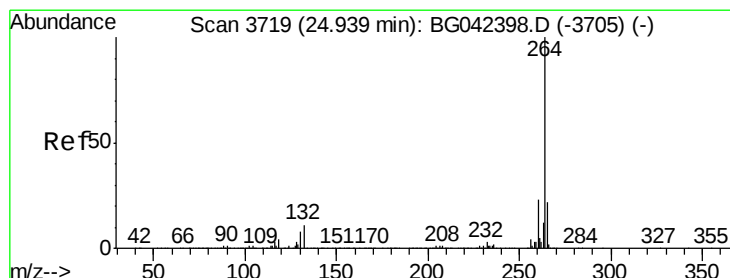
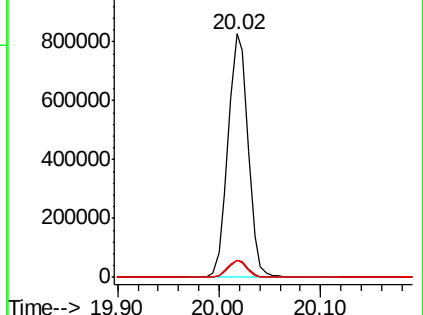
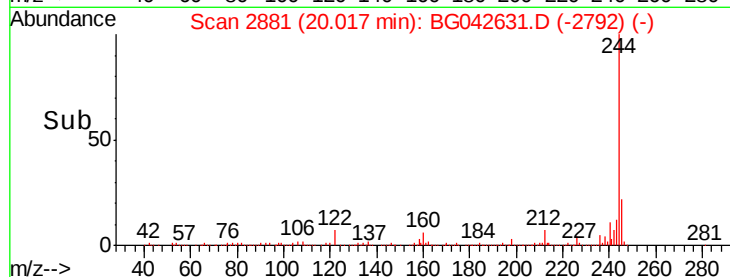
122 7.0 6.7 10.1



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: 24.92 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG042631.D

Acq: 31 Aug 2019 12:39

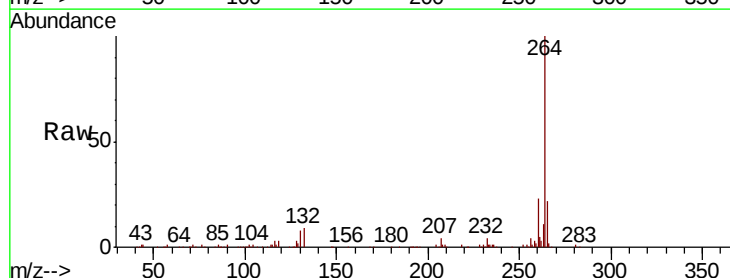
Tgt Ion:264 Resp: 287135

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.5 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

