

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042629.D
 Acq On : 31 Aug 2019 11:22
 Operator : HP/JU
 Sample : PB122704BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122704BL

Quant Time: Aug 31 18:18:38 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	7.99	152	34892	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	128903	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	93958	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	221878	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	263759	20.00	ng	-0.01
87) Perylene-d12	24.92	264	306111	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	250839	145.60	ng	-0.01
7) Phenol-d6	7.16	99	323595	139.05	ng	-0.01
23) Nitrobenzene-d5	9.16	82	184586	98.96	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	198360	148.53	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	609014	109.63	ng	-0.01
79) Terphenyl-d14	20.02	244	1213061	99.43	ng	-0.01

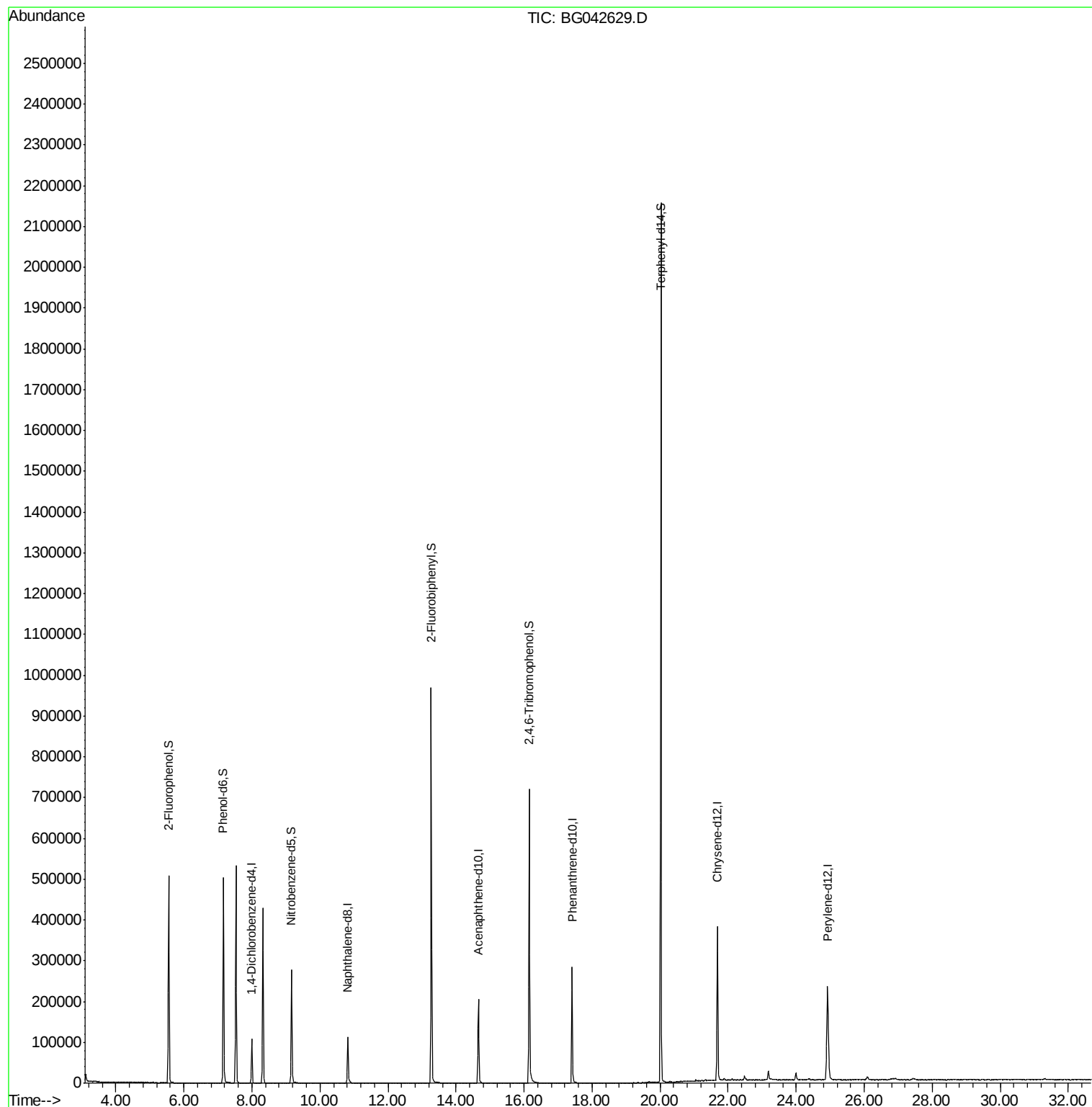
Target Compounds Qvalue

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

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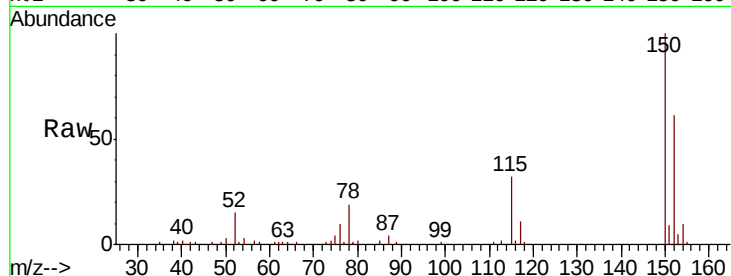


#1

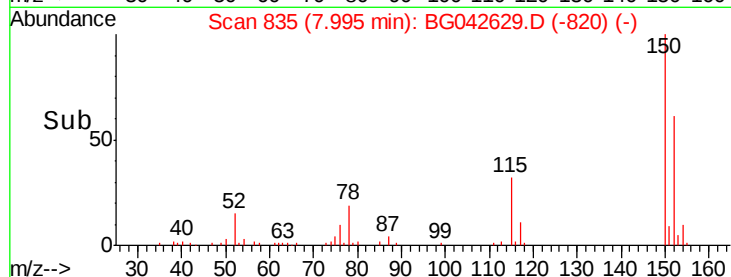
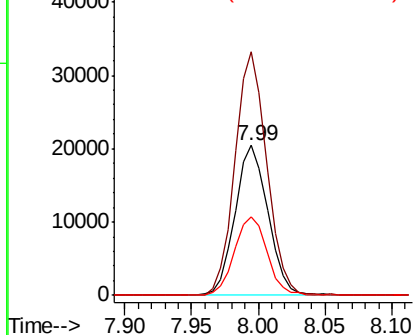
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042629.D
Acq: 31 Aug 2019 11:22

Instrument :
BNA_G
ClientSampleId :
PB122704BL

Tot Ion:152 Resp: 34892
Ion Ratio Lower Upper
152 100
150 162.6 125.4 188.0
115 52.6 38.5 57.7



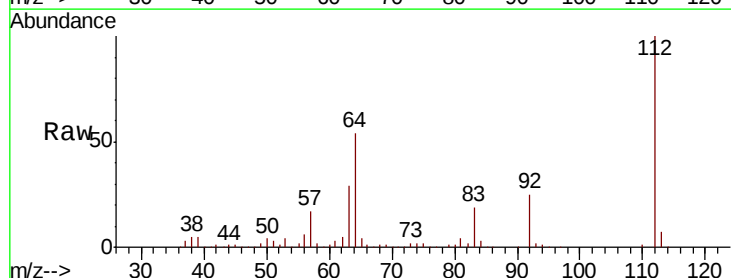
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



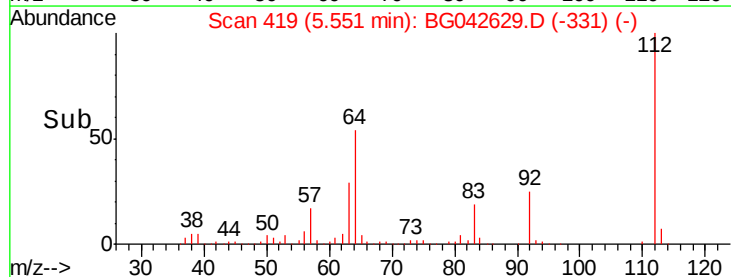
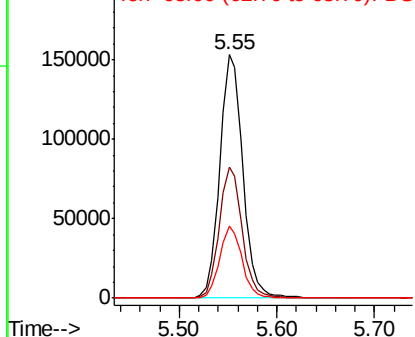
#5

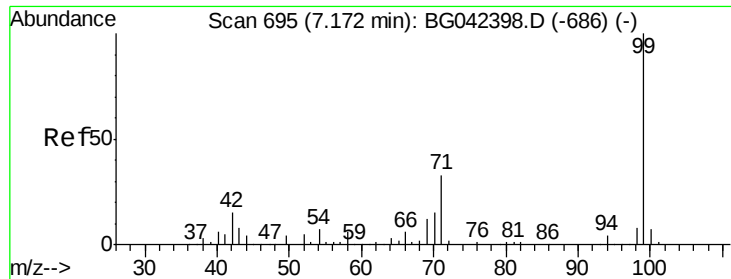
2-Fluorophenol
Concen: 145.598 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042629.D
Acq: 31 Aug 2019 11:22

Tgt Ion:112 Resp: 250839
Ion Ratio Lower Upper
112 100
64 53.7 42.8 64.2
63 29.5 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: 139.053 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042629.D

Acq: 31 Aug 2019 11:22

Instrument :

BNA_G

ClientSampleId :

PB122704BL

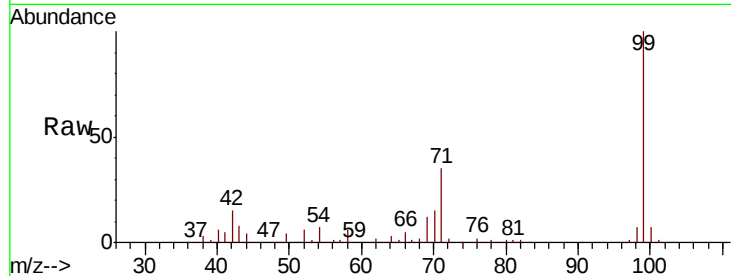
Tot Ion: 99 Resp: 323595

Ion Ratio Lower Upper

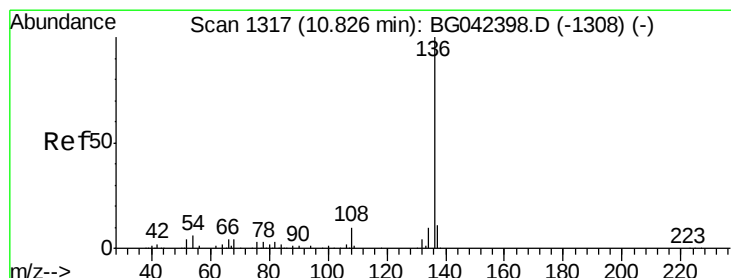
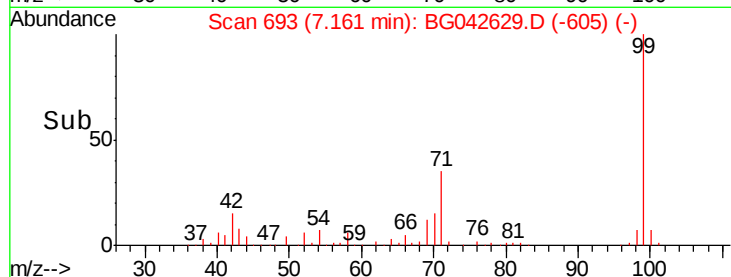
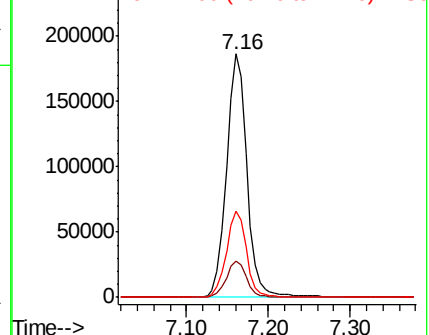
99 100

42 14.9 12.0 18.0

71 35.3 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: BG042629.D

Acq: 31 Aug 2019 11:22

Tgt Ion: 136 Resp: 128903

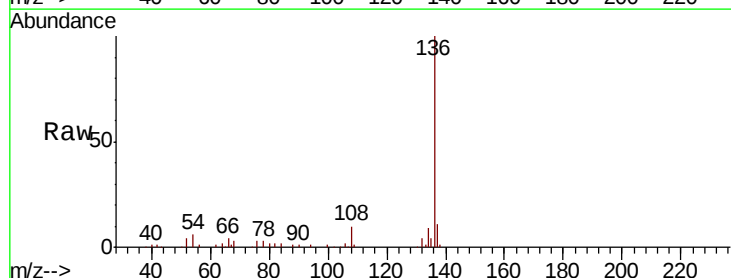
Ion Ratio Lower Upper

136 100

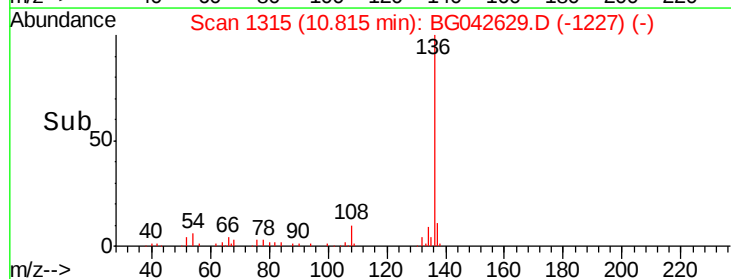
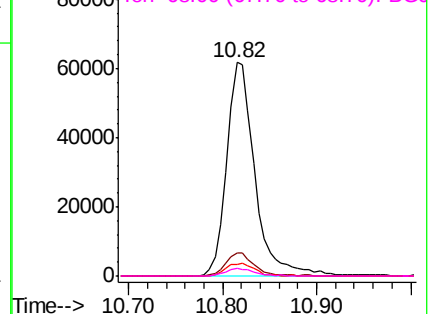
137 10.8 8.7 13.1

54 5.6 4.9 7.3

68 3.4 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

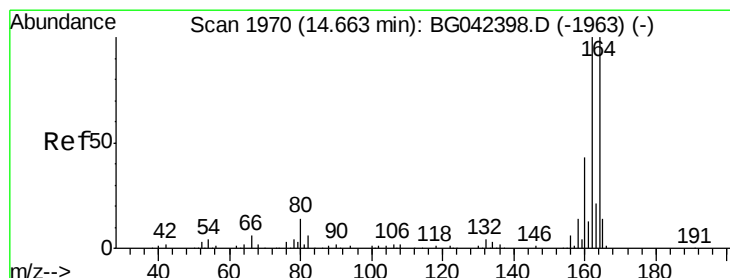
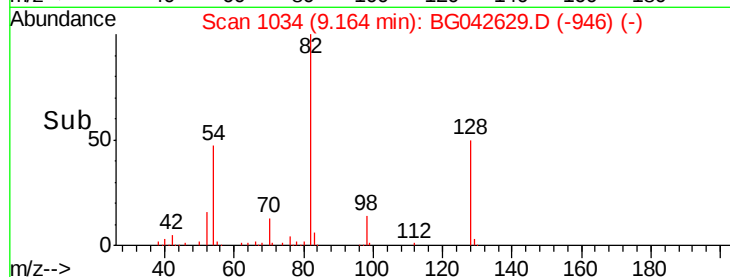
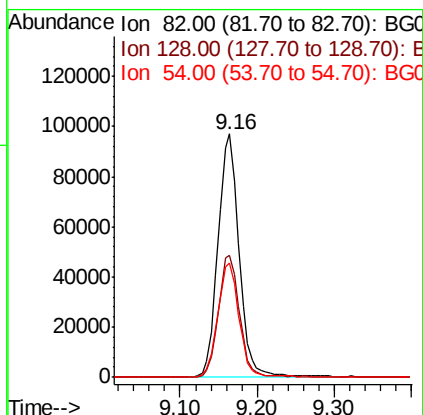
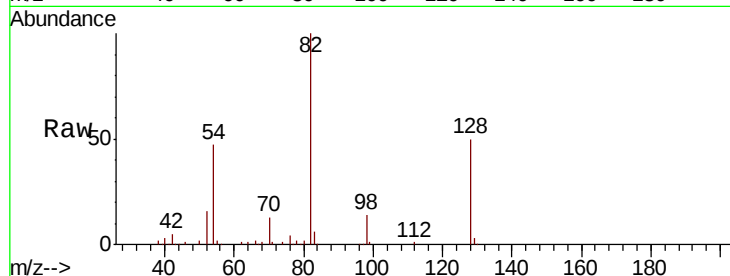




#23
Nitrobenzene-d5
Concen: 98.955 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042629.D
Acq: 31 Aug 2019 11:22

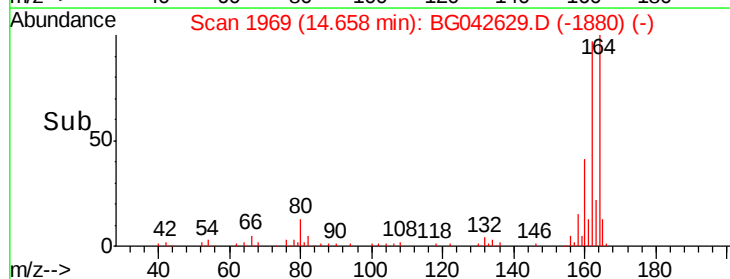
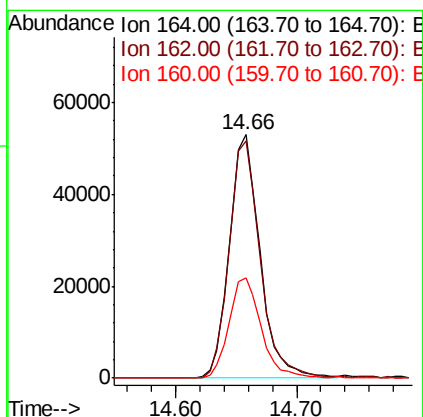
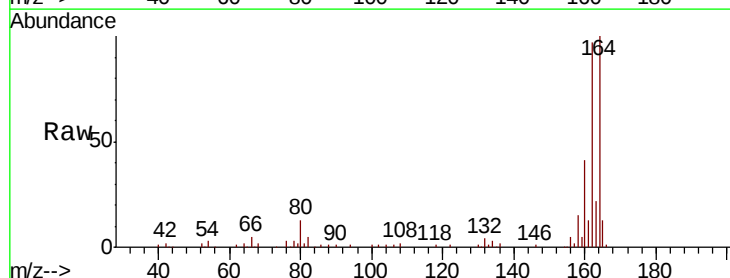
Instrument :
BNA_G
ClientSampleId :
PB122704BL

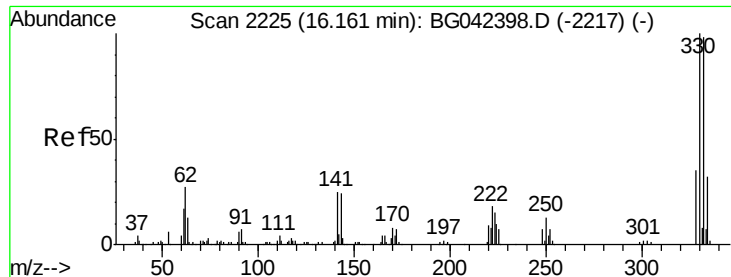
Tot Ion: 82 Resp: 184586
Ion Ratio Lower Upper
82 100
128 50.3 40.7 61.1
54 46.8 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042629.D
Acq: 31 Aug 2019 11:22

Tgt Ion: 164 Resp: 93958
Ion Ratio Lower Upper
164 100
162 97.3 79.9 119.9
160 41.2 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 148.533 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042629.D

Acq: 31 Aug 2019 11:22

Instrument :

BNA_G

ClientSampleId :

PB122704BL

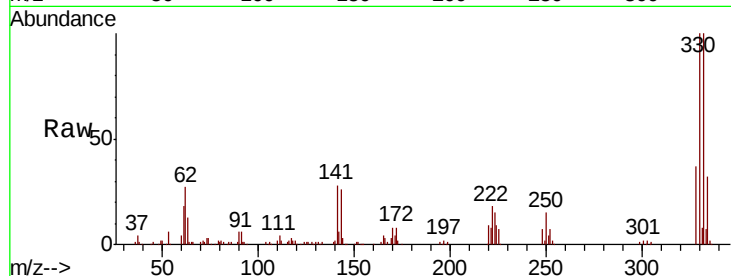
Tot Ion:330 Resp: 198360

Ion Ratio Lower Upper

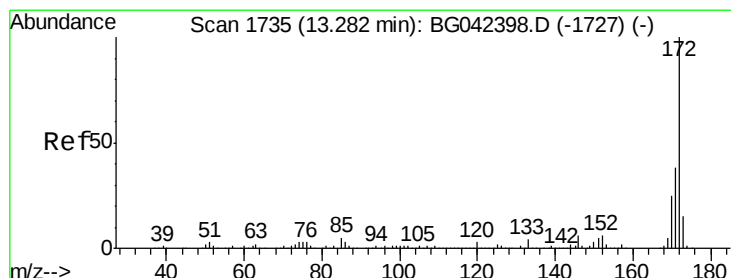
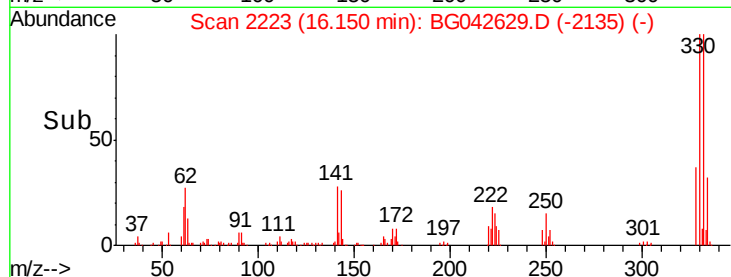
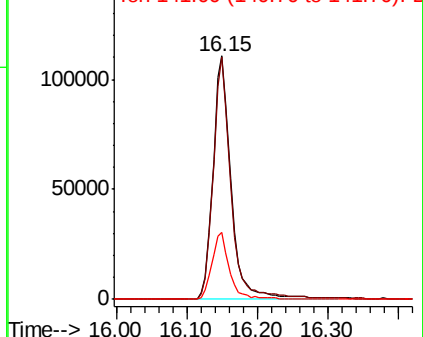
330 100

332 97.4 77.4 116.0

141 26.7 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: 109.625 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BG042629.D

Acq: 31 Aug 2019 11:22

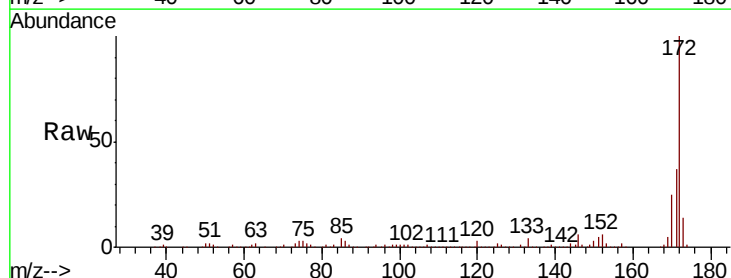
Tgt Ion:172 Resp: 609014

Ion Ratio Lower Upper

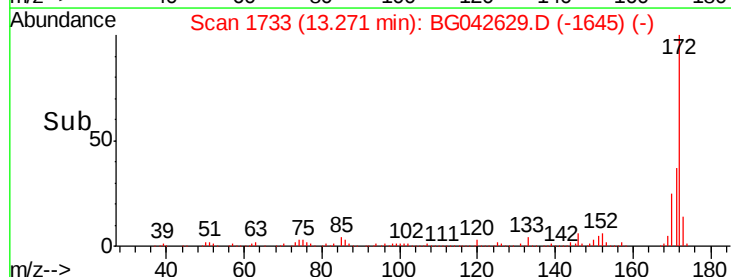
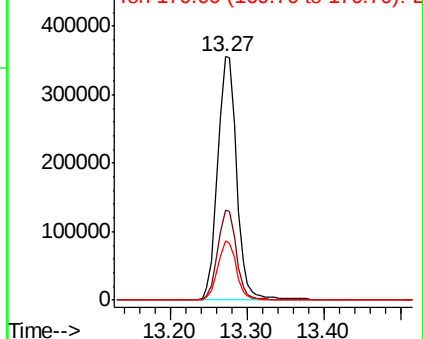
172 100

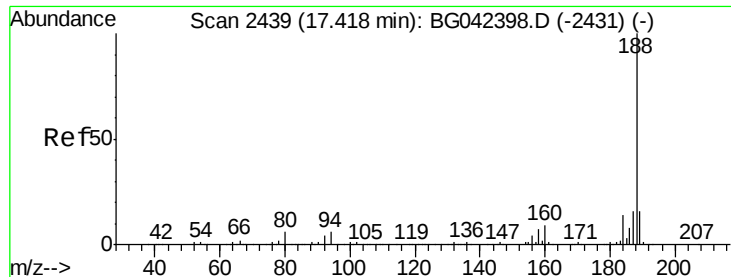
171 36.9 30.5 45.7

170 24.6 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

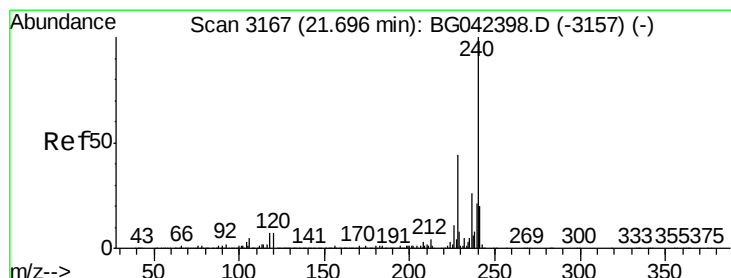
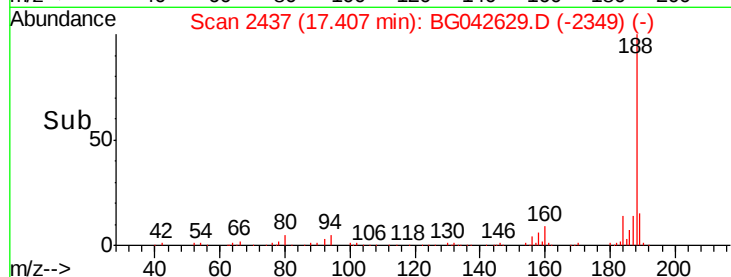
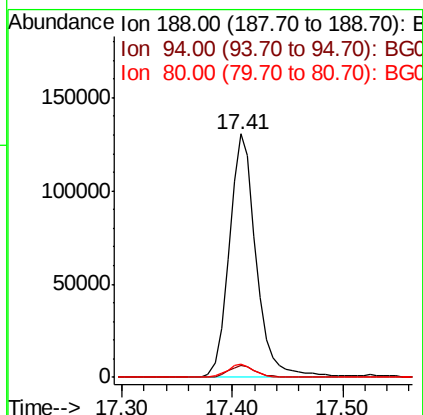
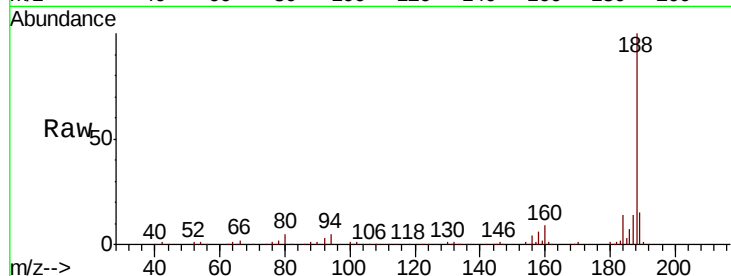




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042629.D
Acq: 31 Aug 2019 11:22

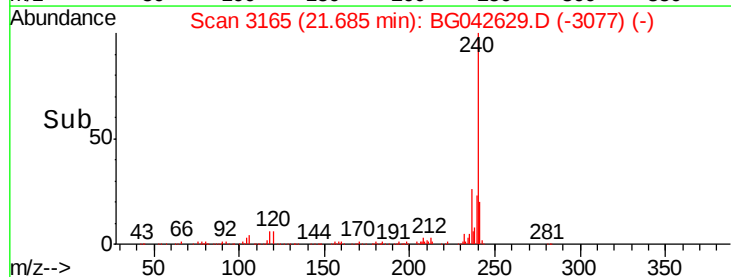
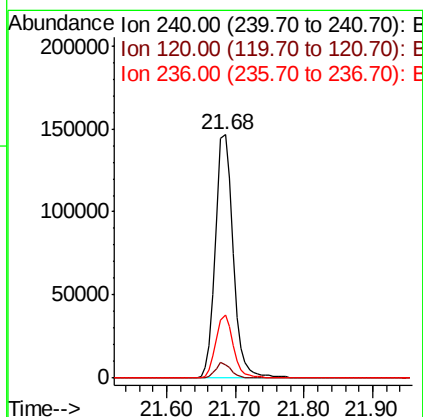
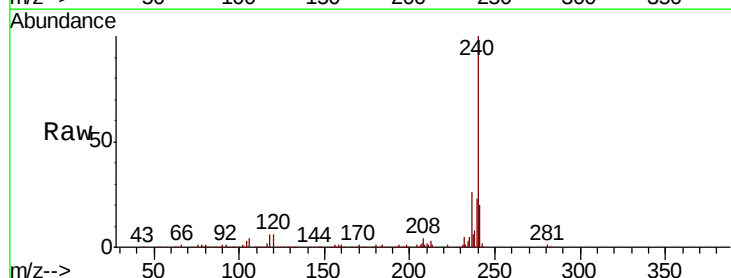
Instrument :
BNA_G
ClientSampleId :
PB122704BL

Tot Ion:188 Resp: 221878
Ion Ratio Lower Upper
188 100
94 5.1 4.5 6.7
80 5.2 4.9 7.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042629.D
Acq: 31 Aug 2019 11:22

Tgt Ion:240 Resp: 263759
Ion Ratio Lower Upper
240 100
120 5.7 5.7 8.5#
236 25.9 21.0 31.4





#79

Terphenyl-d14

Concen: 99.429 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042629.D

Acq: 31 Aug 2019 11:22

Instrument :

BNA_G

ClientSampleId :

PB122704BL

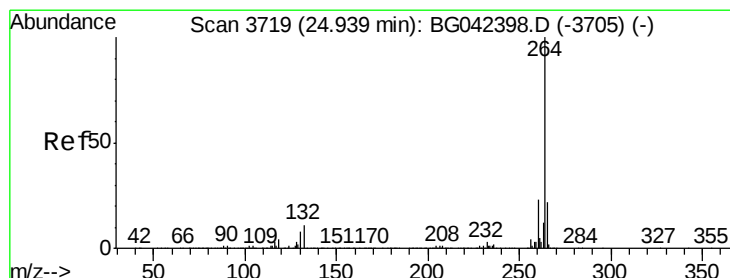
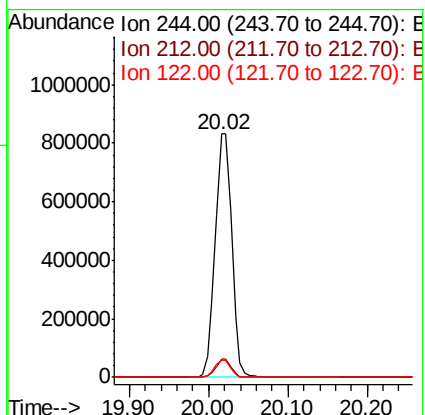
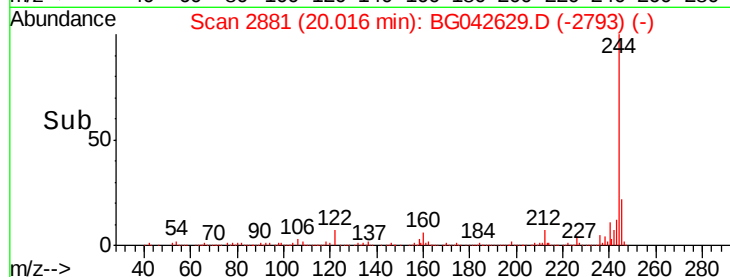
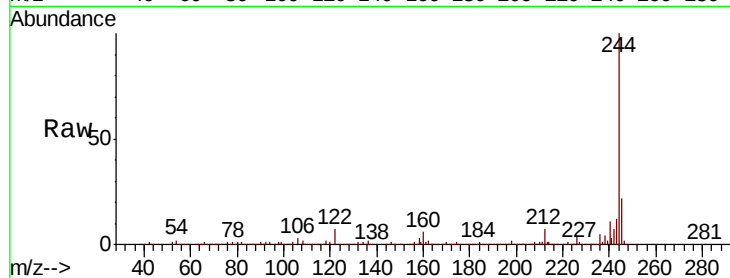
Tot Ion:244 Resp: 1213061

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 7.2 6.7 10.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG042629.D

Acq: 31 Aug 2019 11:22

Tgt Ion:264 Resp: 306111

Ion Ratio Lower Upper

264 100

260 21.9 18.5 27.7

265 21.9 17.6 26.4

