

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042645.D
 Acq On : 31 Aug 2019 23:33
 Operator : HP/JU
 Sample : K4581-30
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T12-D1-D4-(0-3.5)

Quant Time: Sep 01 00:39:38 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	8.00	152	35130	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	130422	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	96578	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	229756	20.00	ng	0.00
76) Chrysene-d12	21.68	240	255426	20.00	ng	-0.02
87) Perylene-d12	24.92	264	297796	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	225834	130.20	ng	0.00
7) Phenol-d6	7.16	99	263577	112.50	ng	0.00
23) Nitrobenzene-d5	9.17	82	183420	97.18	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	199590	145.40	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	564122	98.79	ng	0.00
79) Terphenyl-d14	20.02	244	1243406	105.24	ng	0.00

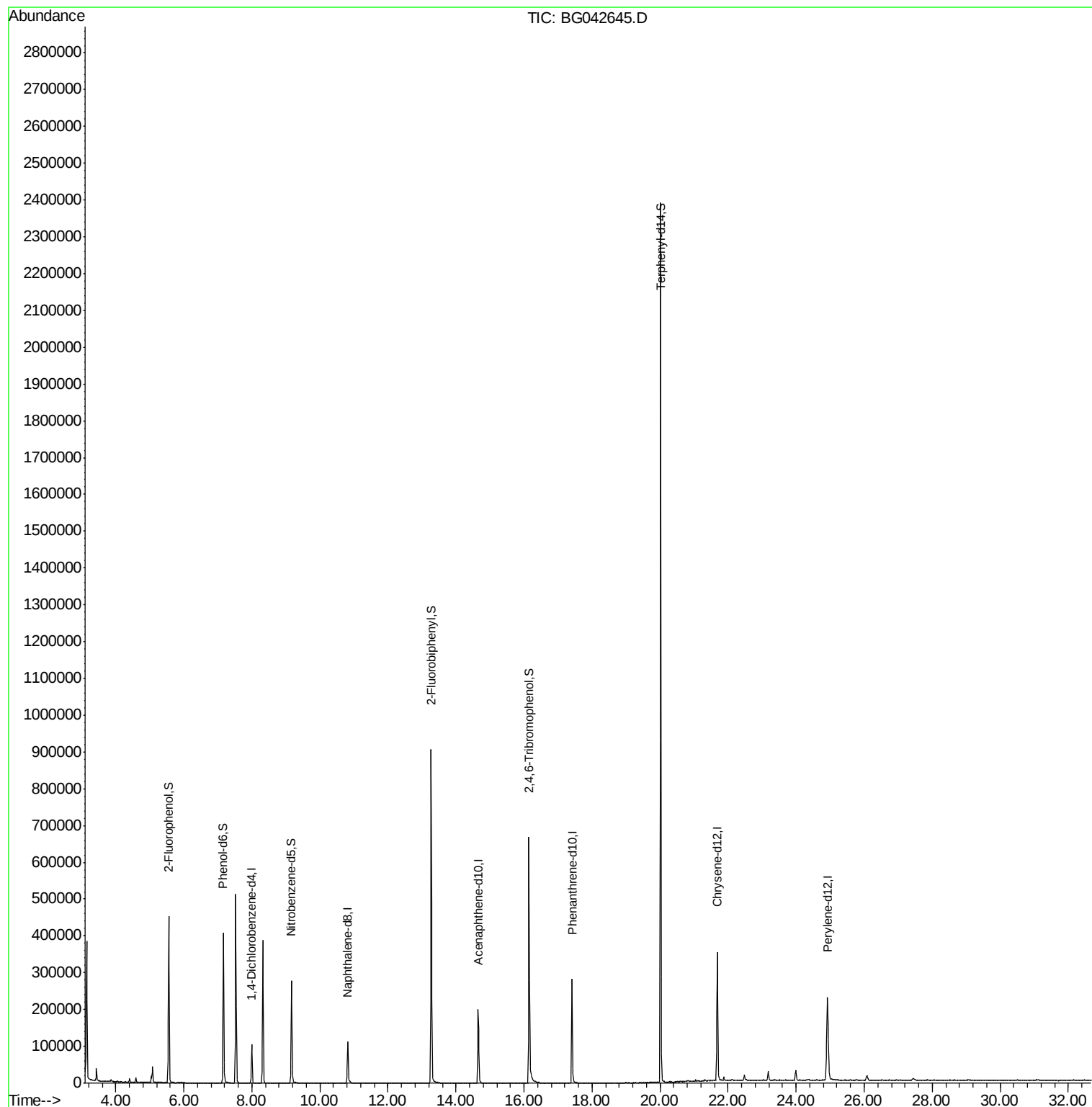
Target Compounds Qvalue

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

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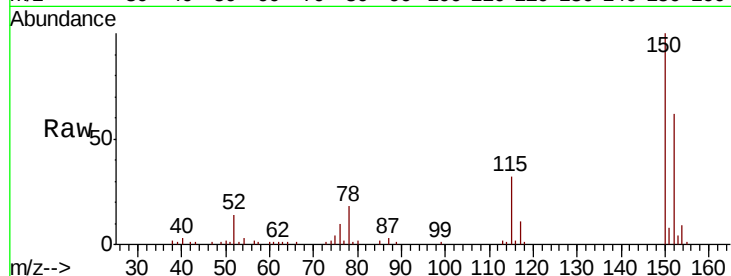


#1

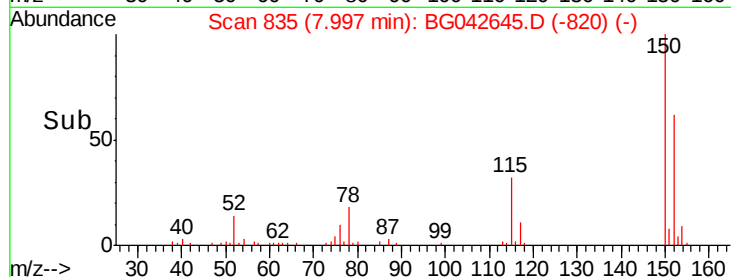
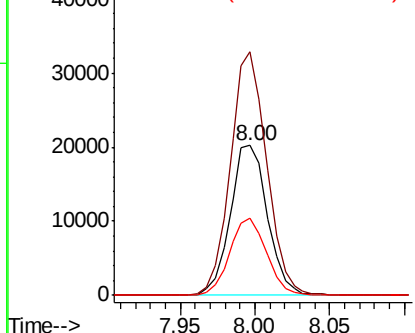
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042645.D
Acq: 31 Aug 2019 23:33

Instrument :
BNA_G
ClientSampleId :
T12-D1-D4-(0-3.5)

Tot Ion:152 Resp: 35130
Ion Ratio Lower Upper
152 100
150 162.4 125.4 188.0
115 51.6 38.5 57.7



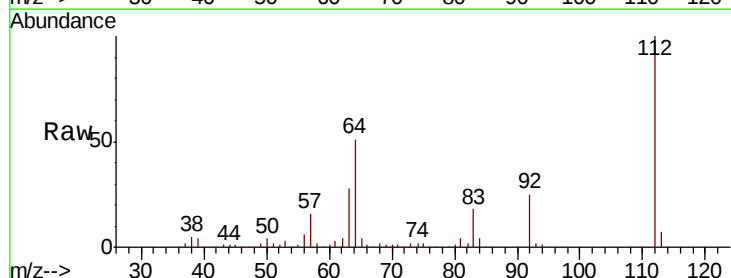
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



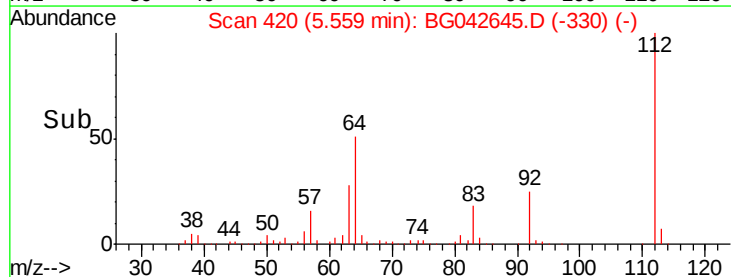
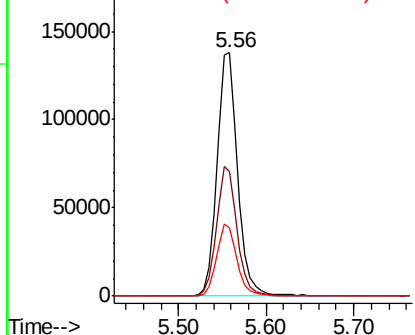
#5

2-Fluorophenol
Concen: 130.196 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042645.D
Acq: 31 Aug 2019 23:33

Tgt Ion:112 Resp: 225834
Ion Ratio Lower Upper
112 100
64 51.0 42.8 64.2
63 28.0 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: 112.495 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042645.D

Acq: 31 Aug 2019 23:33

Instrument :

BNA_G

ClientSampleId :

T12-D1-D4-(0-3.5)

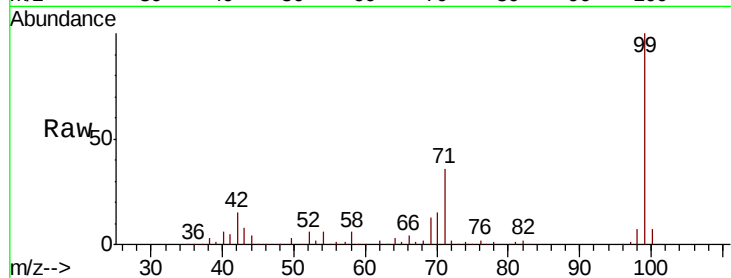
Tot Ion: 99 Resp: 263577

Ion Ratio Lower Upper

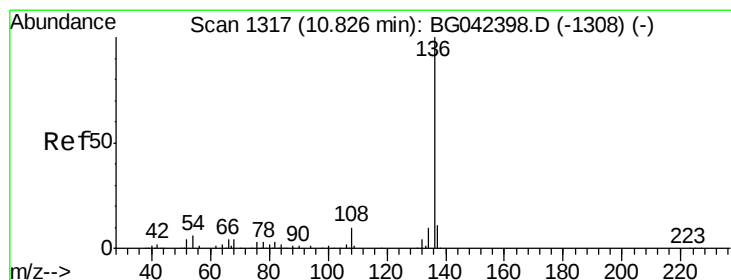
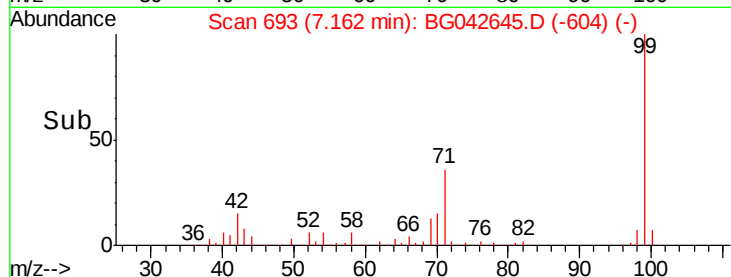
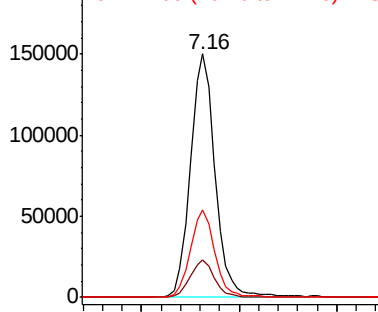
99 100

42 15.2 12.0 18.0

71 36.0 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: BG042645.D

Acq: 31 Aug 2019 23:33

Tgt Ion: 136 Resp: 130422

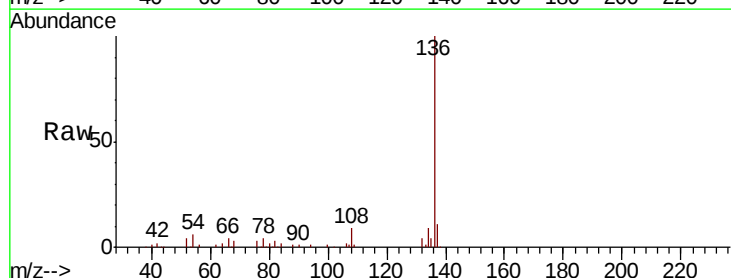
Ion Ratio Lower Upper

136 100

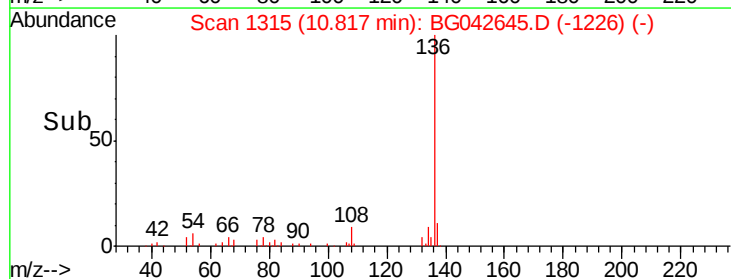
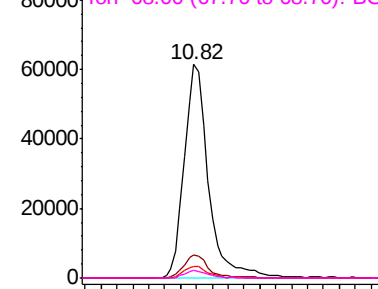
137 10.6 8.7 13.1

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

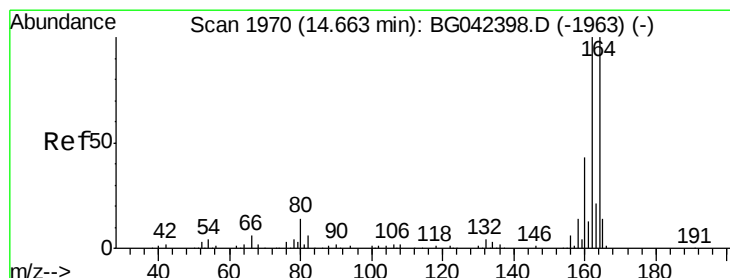
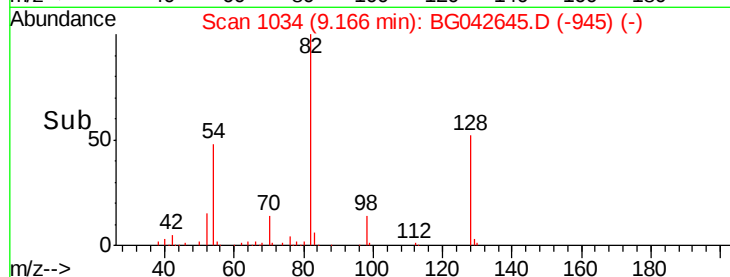
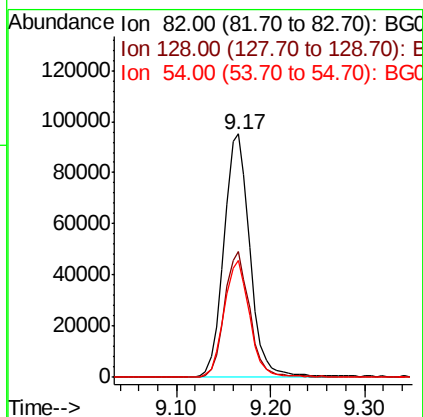
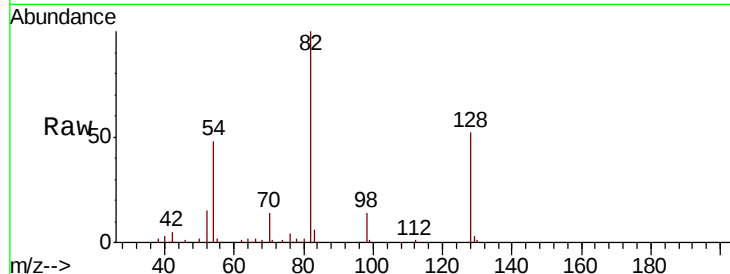




#23
 Nitrobenzene-d5
 Concen: 97.185 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042645.D
 Acq: 31 Aug 2019 23:33

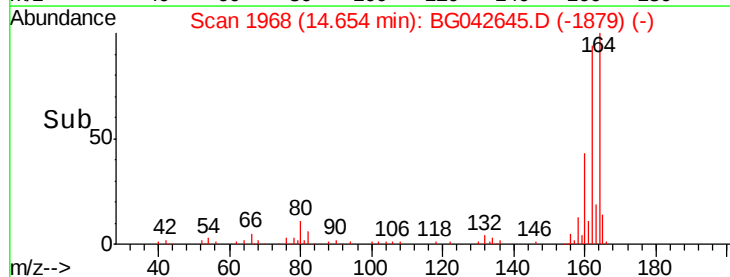
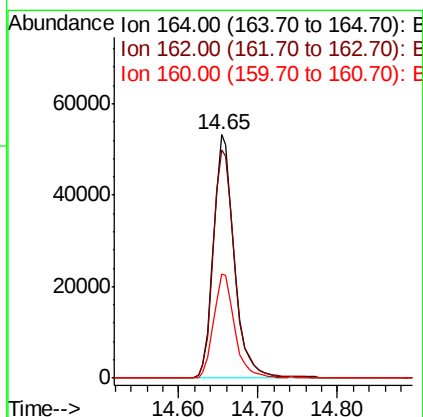
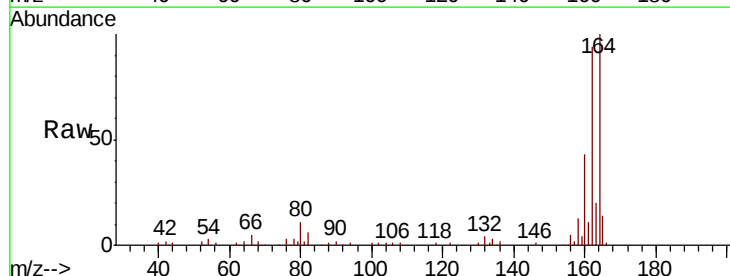
Instrument :
 BNA_G
 ClientSampleId :
 T12-D1-D4-(0-3.5)

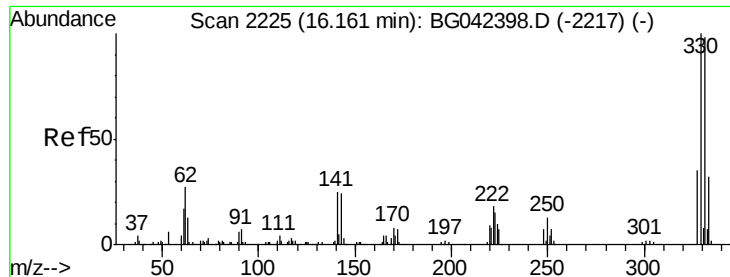
Tot Ion	82	Resp	183420
Ion Ratio	Lower	Upper	
82	100		
128	51.9	40.7	61.1
54	48.2	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG042645.D
 Acq: 31 Aug 2019 23:33

Tgt Ion	164	Resp	96578
Ion Ratio	Lower	Upper	
164	100		
162	93.9	79.9	119.9
160	42.7	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 145.400 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG042645.D

Acq: 31 Aug 2019 23:33

Instrument :

BNA_G

ClientSampleId :

T12-D1-D4-(0-3.5)

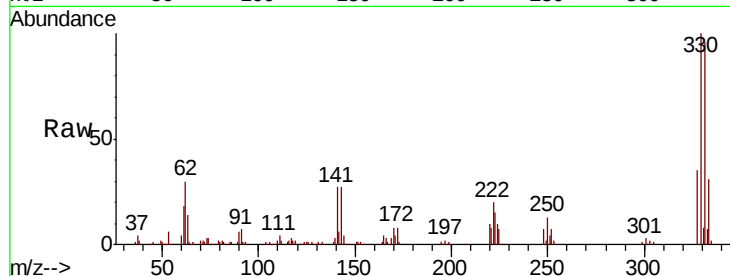
Tot Ion:330 Resp: 199590

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

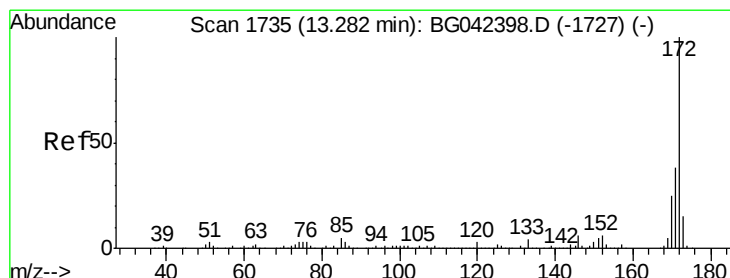
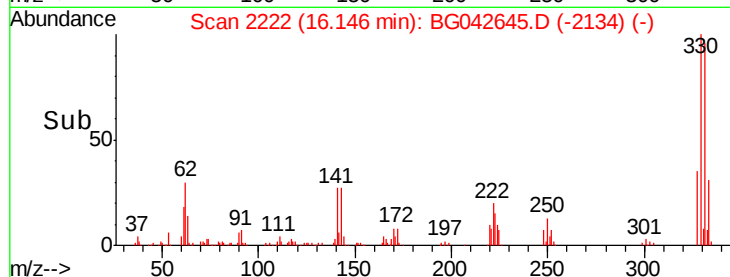
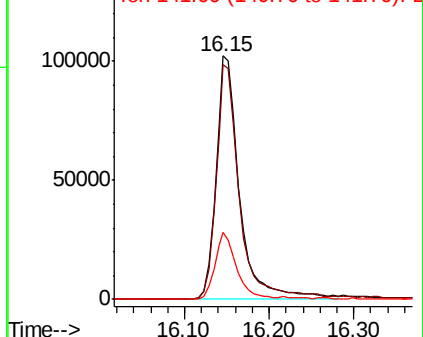
141 25.8 21.4 32.0



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: 98.790 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BG042645.D

Acq: 31 Aug 2019 23:33

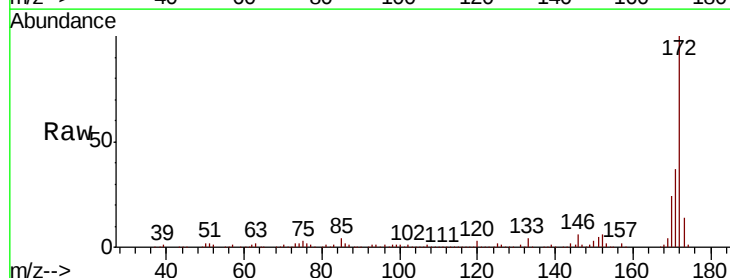
Tgt Ion:172 Resp: 564122

Ion Ratio Lower Upper

172 100

171 37.1 30.5 45.7

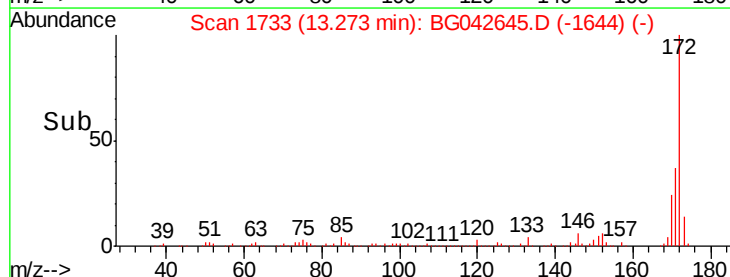
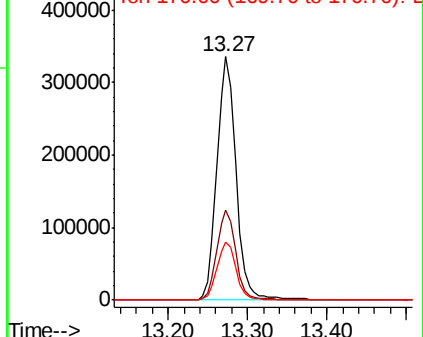
170 24.0 20.2 30.2



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

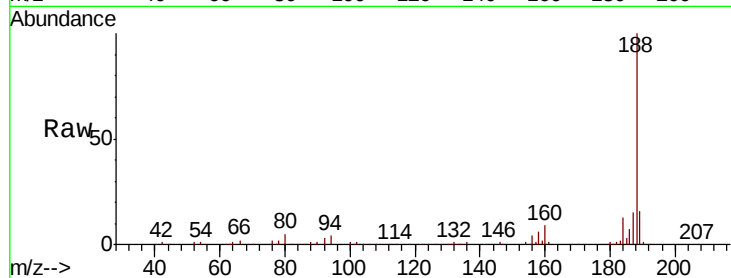




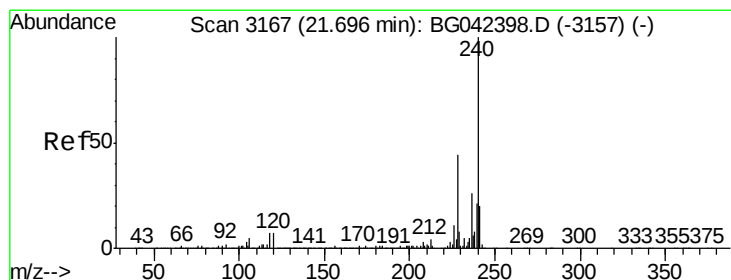
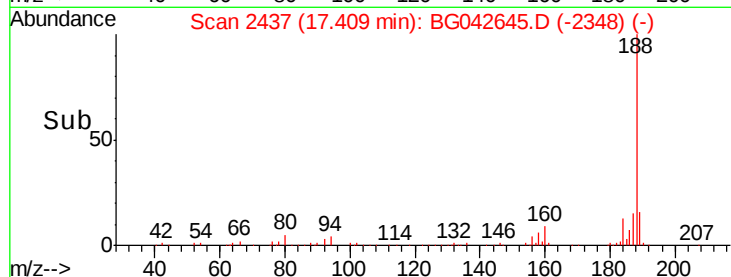
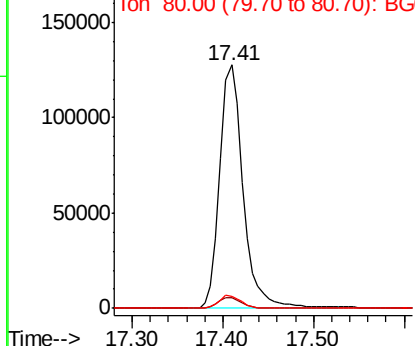
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042645.D
Acq: 31 Aug 2019 23:33

Instrument :
BNA_G
ClientSampleId :
T12-D1-D4-(0-3.5)

Tot Ion:188 Resp: 229756
Ion Ratio Lower Upper
188 100
94 4.4 4.5 6.7#
80 5.1 4.9 7.3

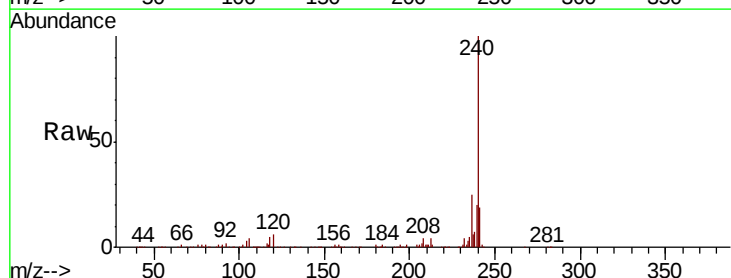


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

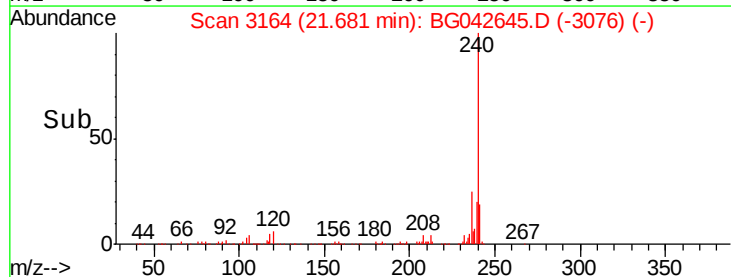
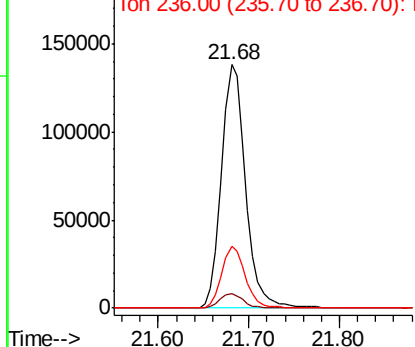


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG042645.D
Acq: 31 Aug 2019 23:33

Tgt Ion:240 Resp: 255426
Ion Ratio Lower Upper
240 100
120 6.0 5.7 8.5
236 25.2 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: 105.242 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042645.D

Acq: 31 Aug 2019 23:33

Instrument :

BNA_G

ClientSampleId :

T12-D1-D4-(0-3.5)

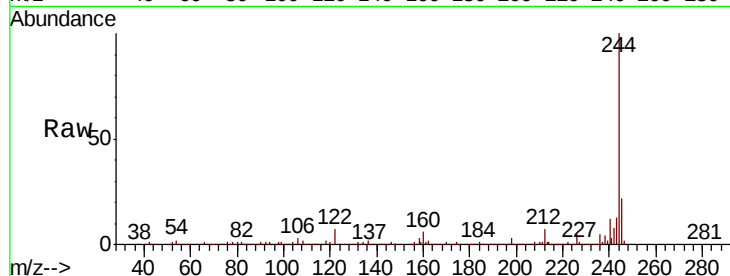
Tot Ion:244 Resp: 1243406

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

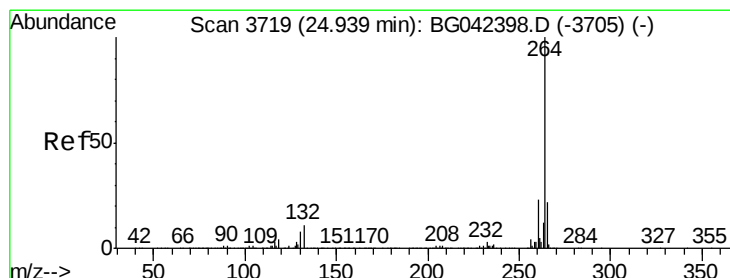
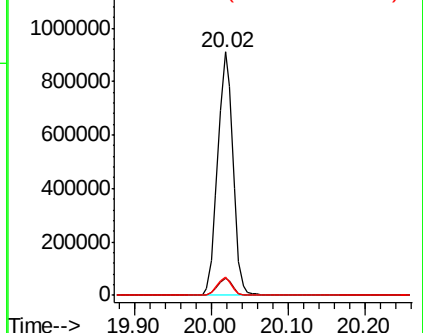
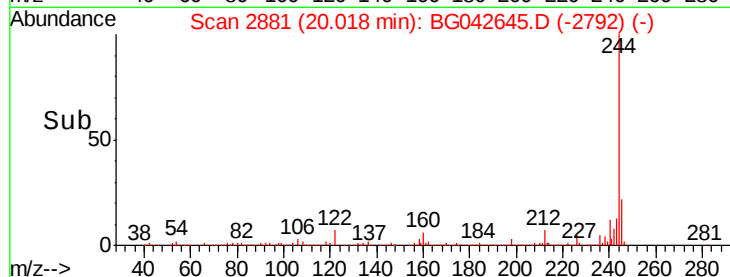
122 7.3 6.7 10.1



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: BG042645.D

Acq: 31 Aug 2019 23:33

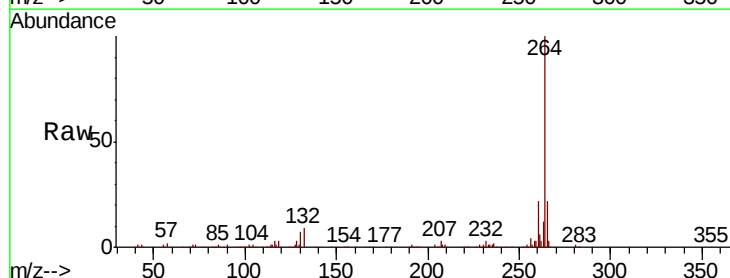
Tgt Ion:264 Resp: 297796

Ion Ratio Lower Upper

264 100

260 22.3 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

