

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112619\
 Data File : BG043786.D
 Acq On : 27 Nov 2019 1:50
 Operator : JU
 Sample : K5676-34
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-112219

Quant Time: Nov 27 04:06:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	56625	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	276447	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	228358	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	729643	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	729660	20.00	ng	-0.02
87) Perylene-d12	24.82	264	717789	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	556545	176.70	ng	0.00
7) Phenol-d6	7.18	99	830745	181.44	ng	0.00
23) Nitrobenzene-d5	9.18	82	460838	91.66	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	428052	155.41	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	1152335	82.95	ng	-0.01
79) Terphenyl-d14	20.01	244	2938120	90.99	ng	0.00

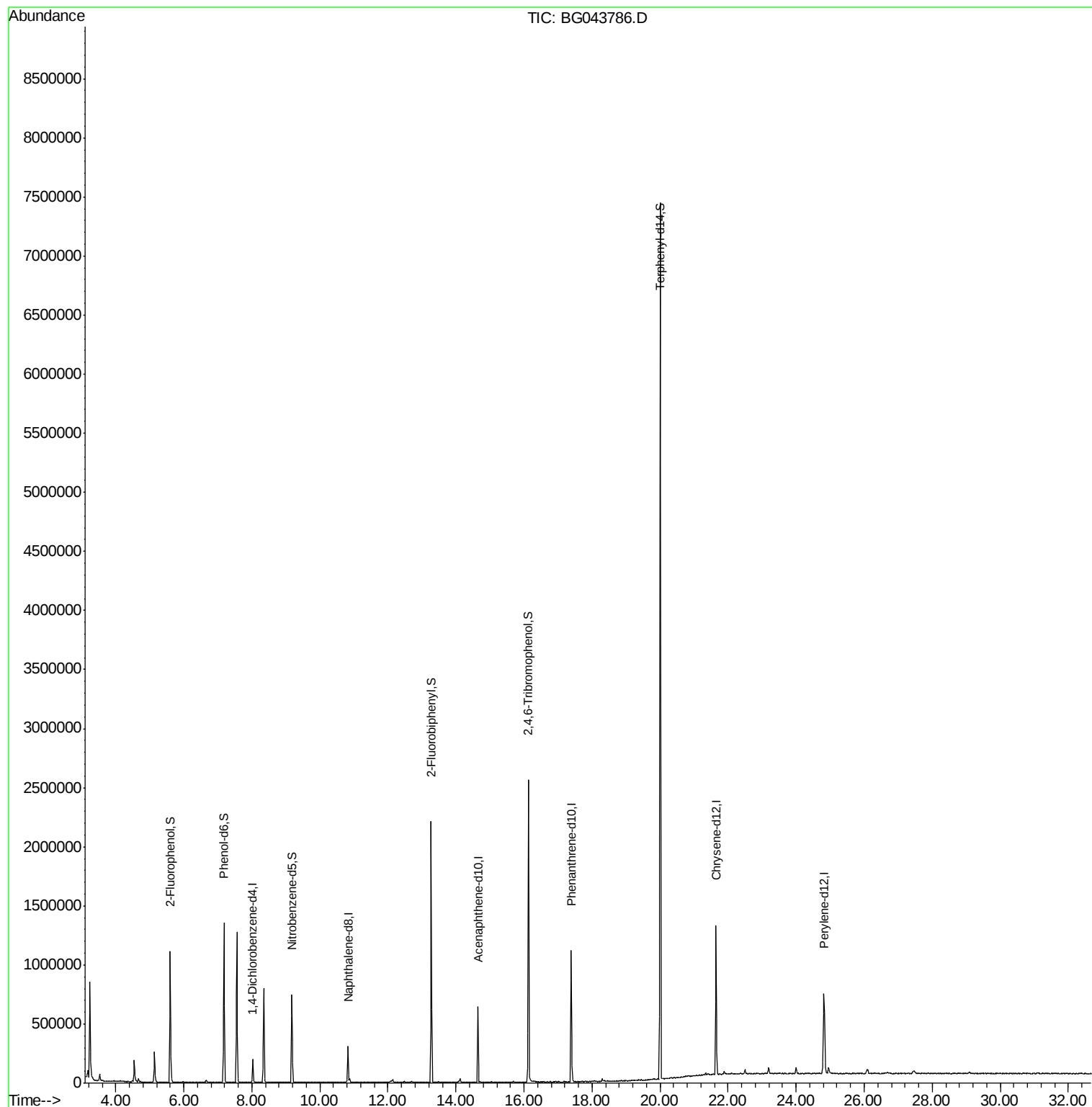
Target Compounds Qvalue

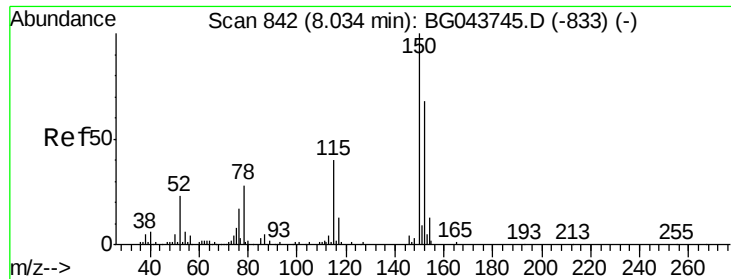
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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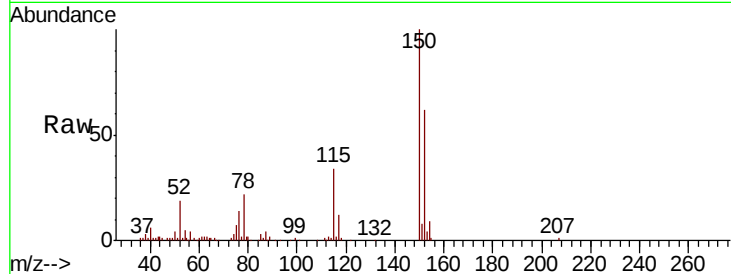


#1

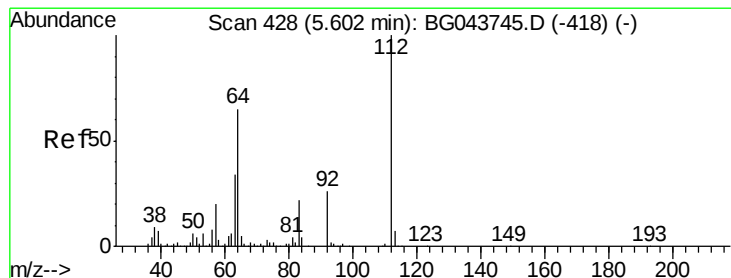
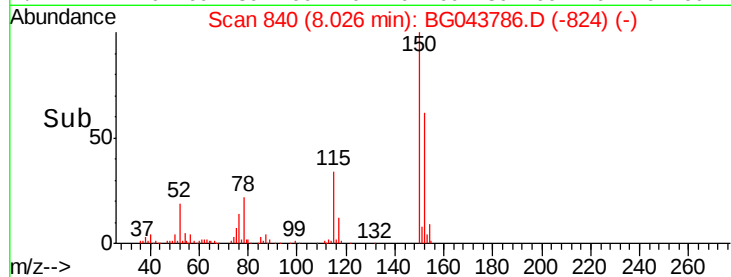
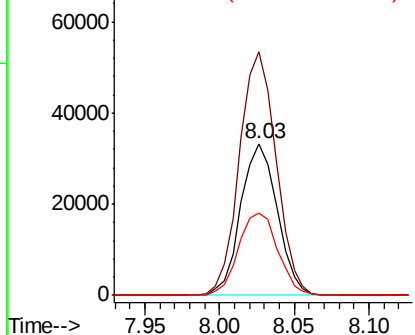
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BG043786.D
 Acq: 27 Nov 2019 1:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-112219

Tot Ion	152	Resp	56625
Ion Ratio	Lower	Upper	
152	100		
150	160.4	117.8	176.8
115	54.5	47.0	70.4



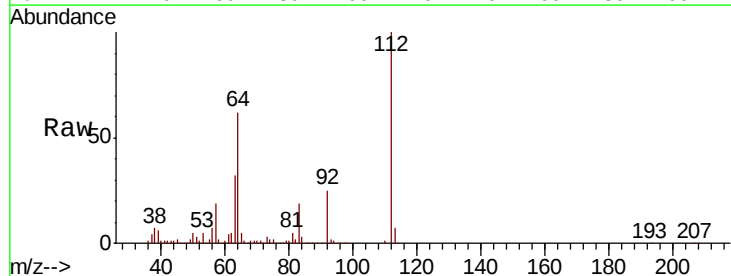
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



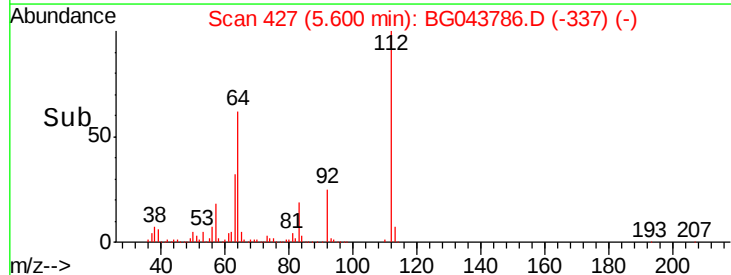
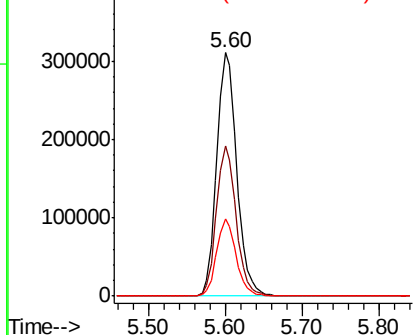
#5

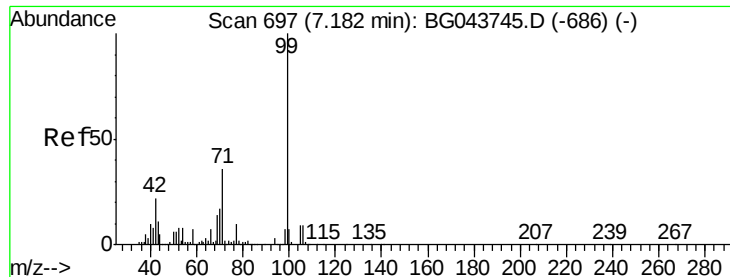
2-Fluorophenol
 Concen: 176.697 ng
 RT: 5.60 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BG043786.D
 Acq: 27 Nov 2019 1:50

Tgt Ion	112	Resp	556545
Ion Ratio	Lower	Upper	
112	100		
64	61.9	51.7	77.5
63	32.0	26.8	40.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 181.439 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG043786.D

Acq: 27 Nov 2019 1:50

Instrument :

BNA_G

ClientSampleId :

SU-04-112219

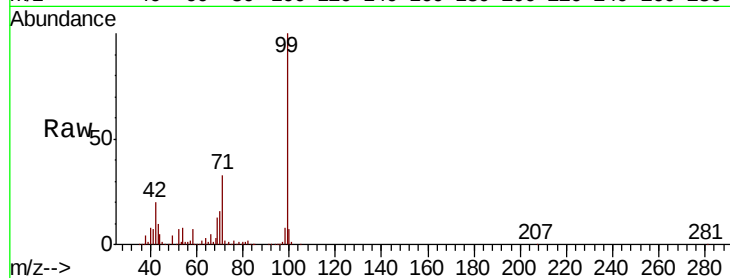
Tot Ion: 99 Resp: 830745

Ion Ratio Lower Upper

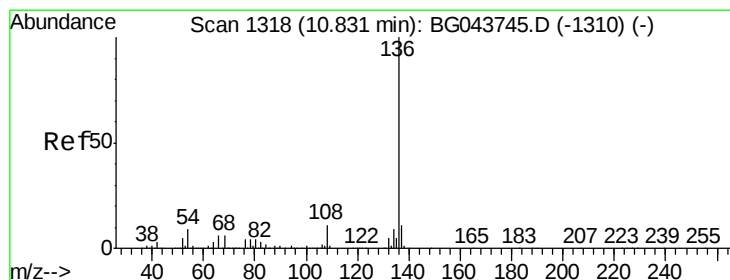
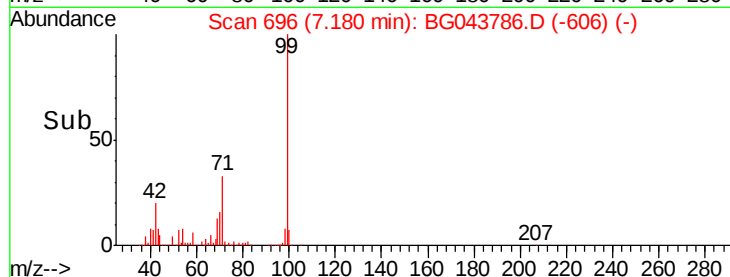
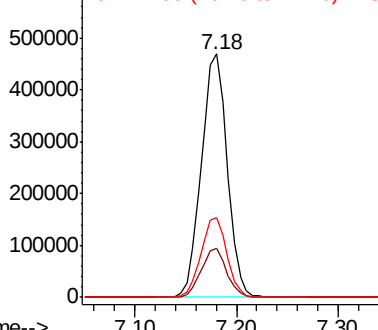
99 100

42 20.0 17.4 26.0

71 32.7 29.5 44.3



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: BG043786.D

Acq: 27 Nov 2019 1:50

Tgt Ion: 136 Resp: 276447

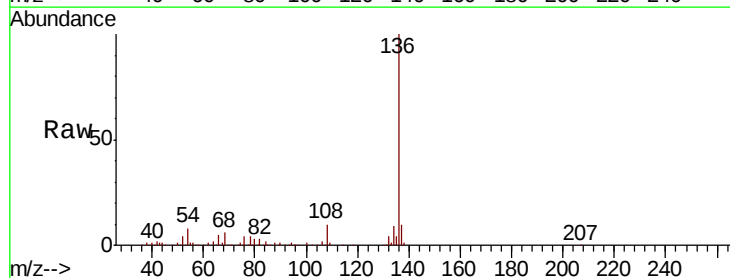
Ion Ratio Lower Upper

136 100

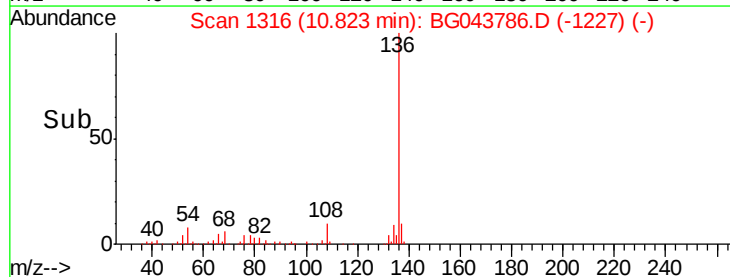
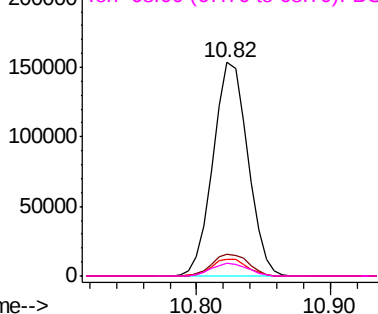
137 10.3 8.8 13.2

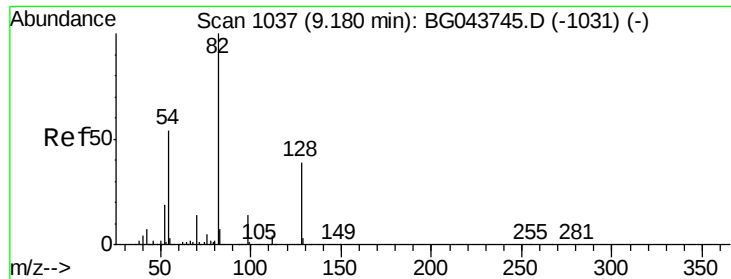
54 8.1 7.5 11.3

68 6.2 4.9 7.3



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: 91.656 ng

RT: 9.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BG043786.D

Acq: 27 Nov 2019 1:50

Instrument :

BNA_G

ClientSampleId :

SU-04-112219

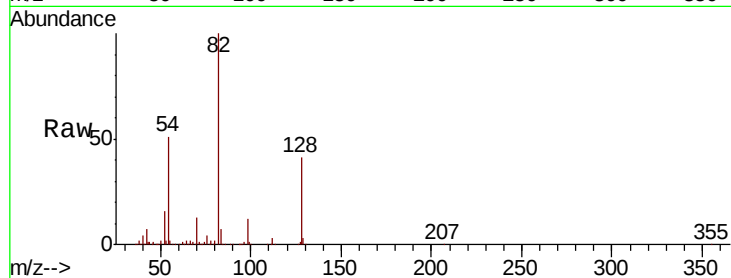
Tot Ion: 82 Resp: 460838

Ion Ratio Lower Upper

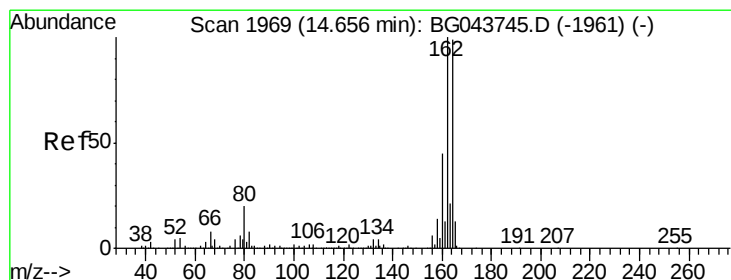
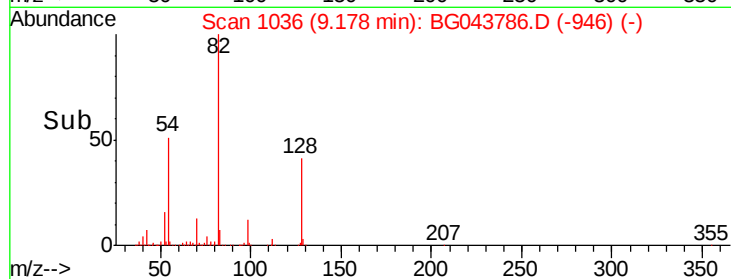
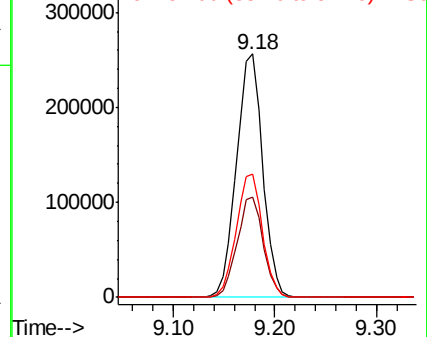
82 100

128 41.4 31.3 46.9

54 50.5 42.7 64.1



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: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG043786.D

Acq: 27 Nov 2019 1:50

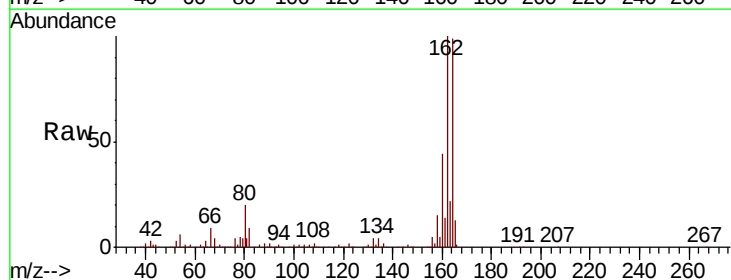
Tgt Ion: 164 Resp: 228358

Ion Ratio Lower Upper

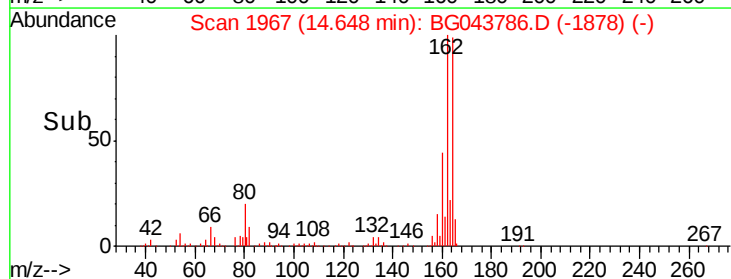
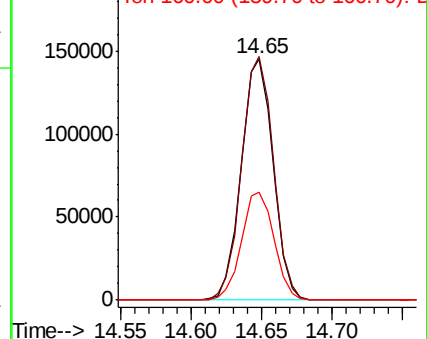
164 100

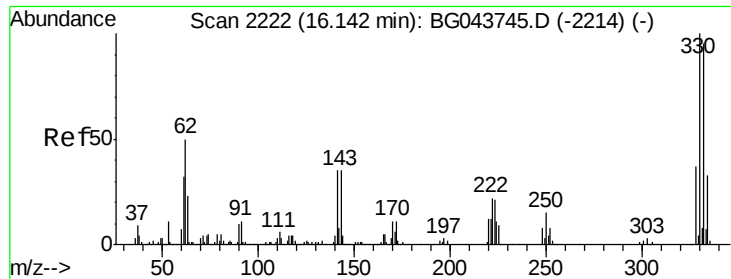
162 100.9 80.6 121.0

160 44.6 36.3 54.5



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

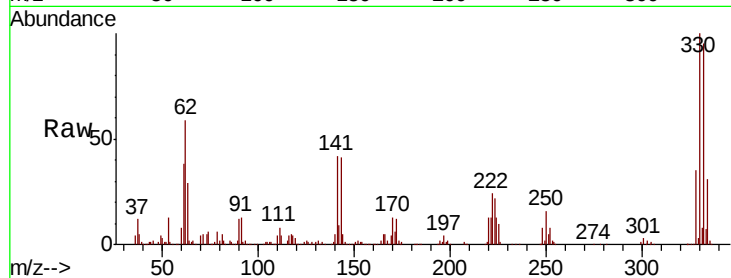




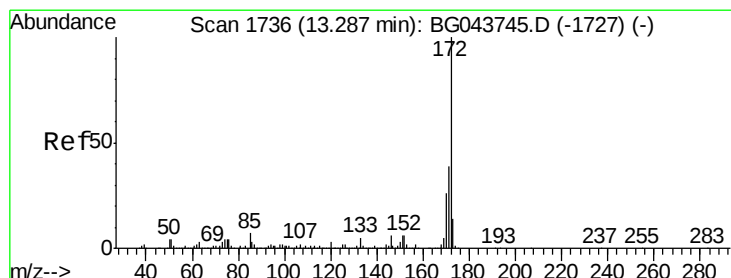
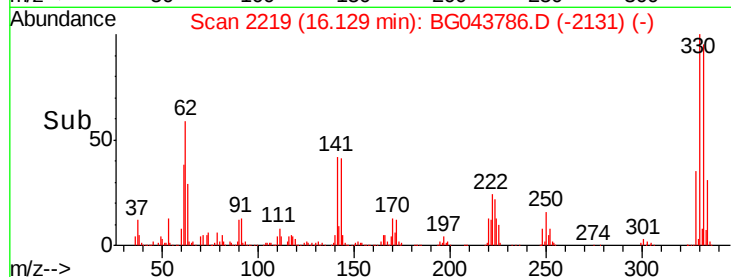
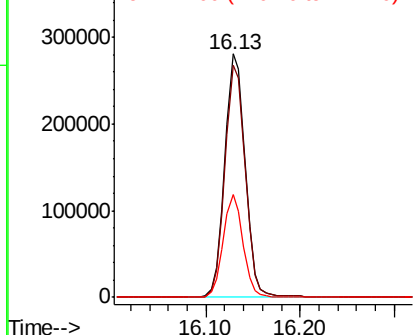
#42
 2,4,6-Tribromophenol
 Concen: 155.410 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG043786.D
 Acq: 27 Nov 2019 1:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-112219

Tot Ion:330 Resp: 428052
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.3 115.9
 141 41.1 31.4 47.2

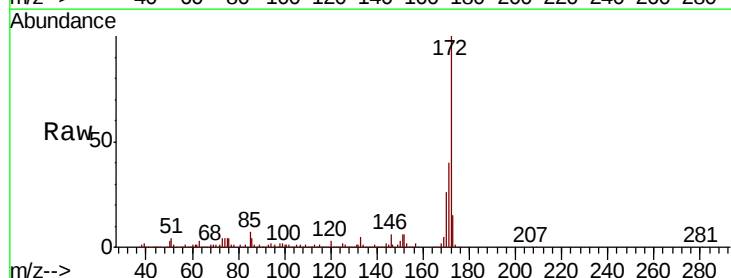


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

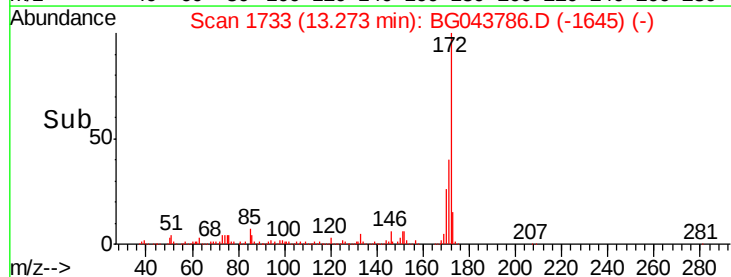
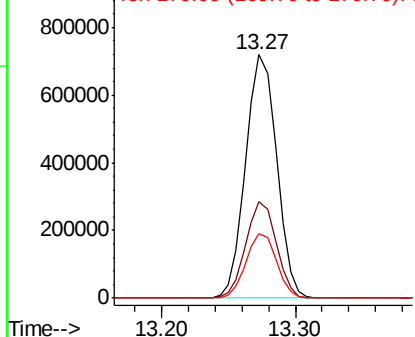


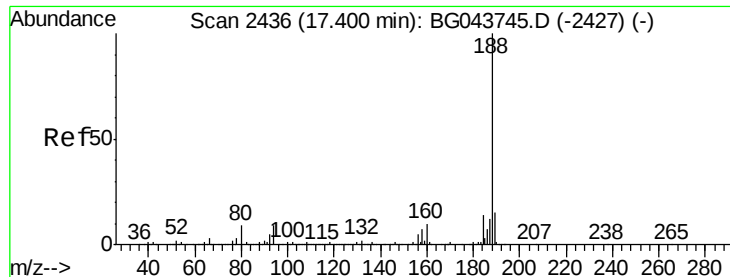
#45
 2-Fluorobiphenyl
 Concen: 82.948 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043786.D
 Acq: 27 Nov 2019 1:50

Tgt Ion:172 Resp: 1152335
 Ion Ratio Lower Upper
 172 100
 171 39.7 31.0 46.6
 170 26.2 21.0 31.4



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

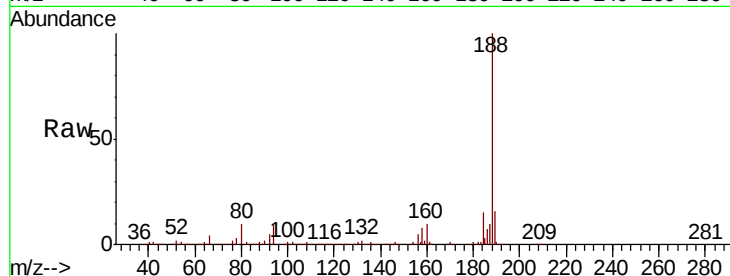




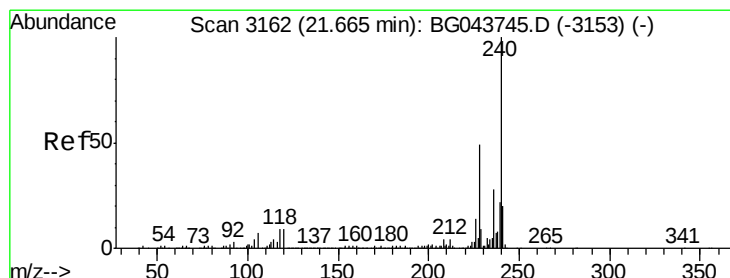
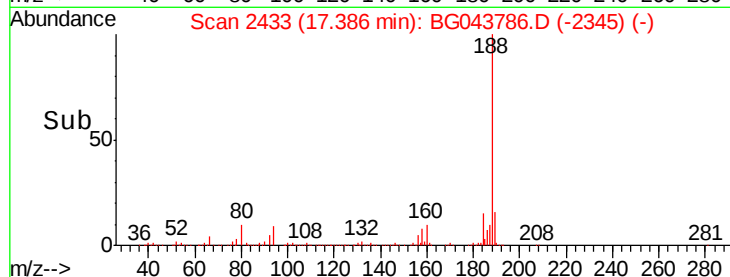
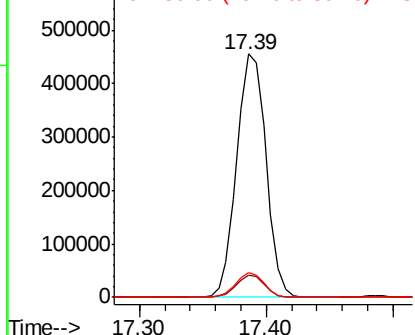
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043786.D
Acq: 27 Nov 2019 1:50

Instrument :
BNA_G
ClientSampleId :
SU-04-112219

Tot Ion:188 Resp: 729643
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 10.4 7.5 11.3

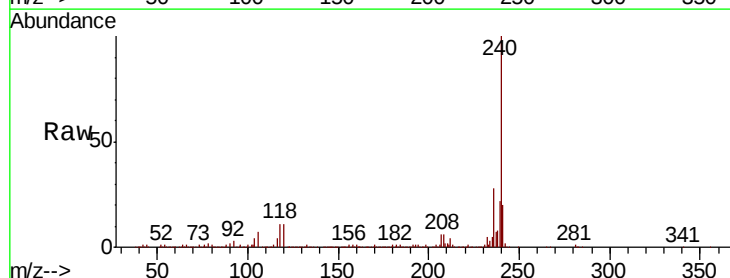


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

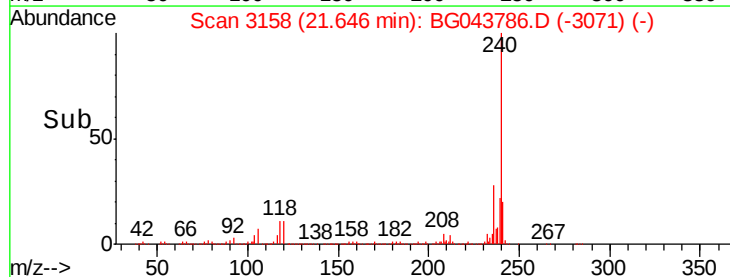
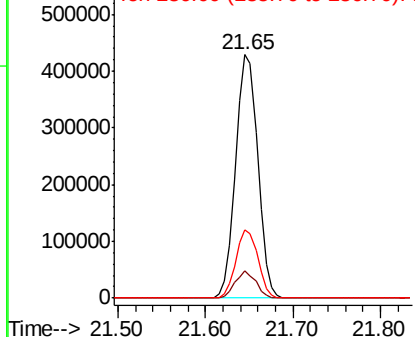


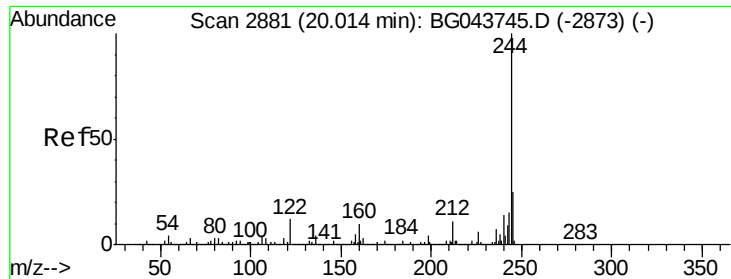
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3158
Delta R.T. -0.02 min
Lab File: BG043786.D
Acq: 27 Nov 2019 1:50

Tgt Ion:240 Resp: 729660
Ion Ratio Lower Upper
240 100
120 11.1 7.5 11.3
236 28.3 22.6 34.0



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: 90.989 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043786.D

Acq: 27 Nov 2019 1:50

Instrument :

BNA_G

ClientSampleId :

SU-04-112219

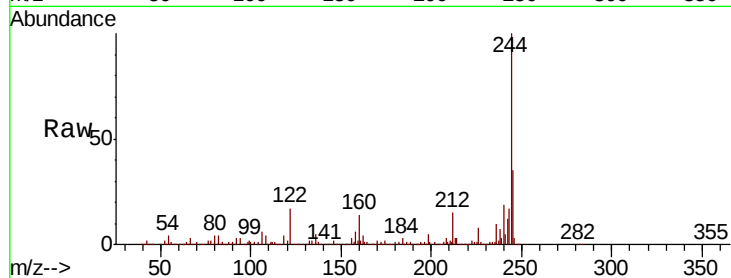
Tot Ion:244 Resp: 2938120

Ion Ratio Lower Upper

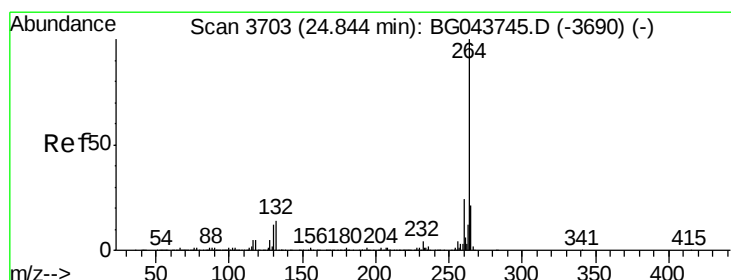
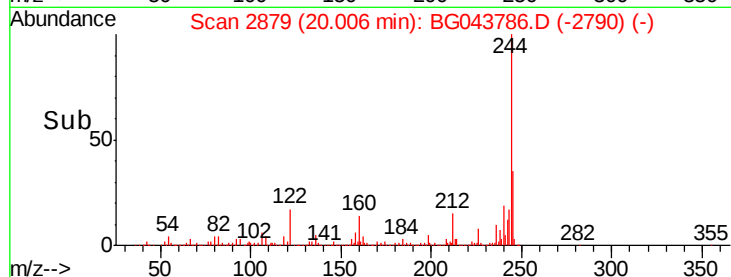
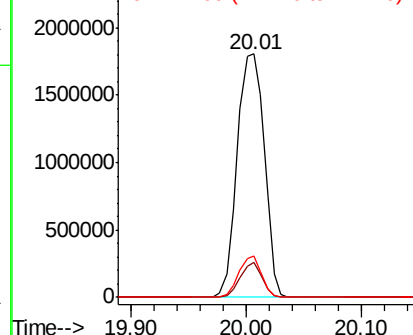
244 100

212 14.5 8.5 12.7#

122 16.9 9.5 14.3#



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: 24.82 min Scan# 3699

Delta R.T. -0.02 min

Lab File: BG043786.D

Acq: 27 Nov 2019 1:50

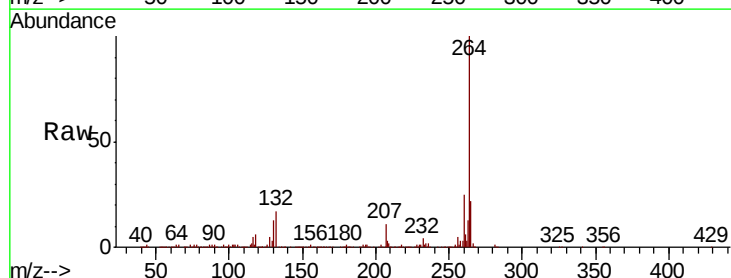
Tgt Ion:264 Resp: 717789

Ion Ratio Lower Upper

264 100

260 25.2 19.4 29.2

265 21.8 17.0 25.6



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

