

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
 Data File : BG042706.D
 Acq On : 4 Sep 2019 14:08
 Operator : HP/JU
 Sample : PB122759BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122759BL

Quant Time: Sep 04 18:30:27 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	36529	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	134189	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	102709	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	245599	20.00	ng	0.00
76) Chrysene-d12	21.69	240	273899	20.00	ng	0.00
87) Perylene-d12	24.94	264	318367	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	220298	122.14	ng	0.00
7) Phenol-d6	7.17	99	281729	115.64	ng	0.00
23) Nitrobenzene-d5	9.16	82	160300	82.55	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	191464	131.15	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	561696	92.49	ng	0.00
79) Terphenyl-d14	20.02	244	1124564	88.76	ng	0.00

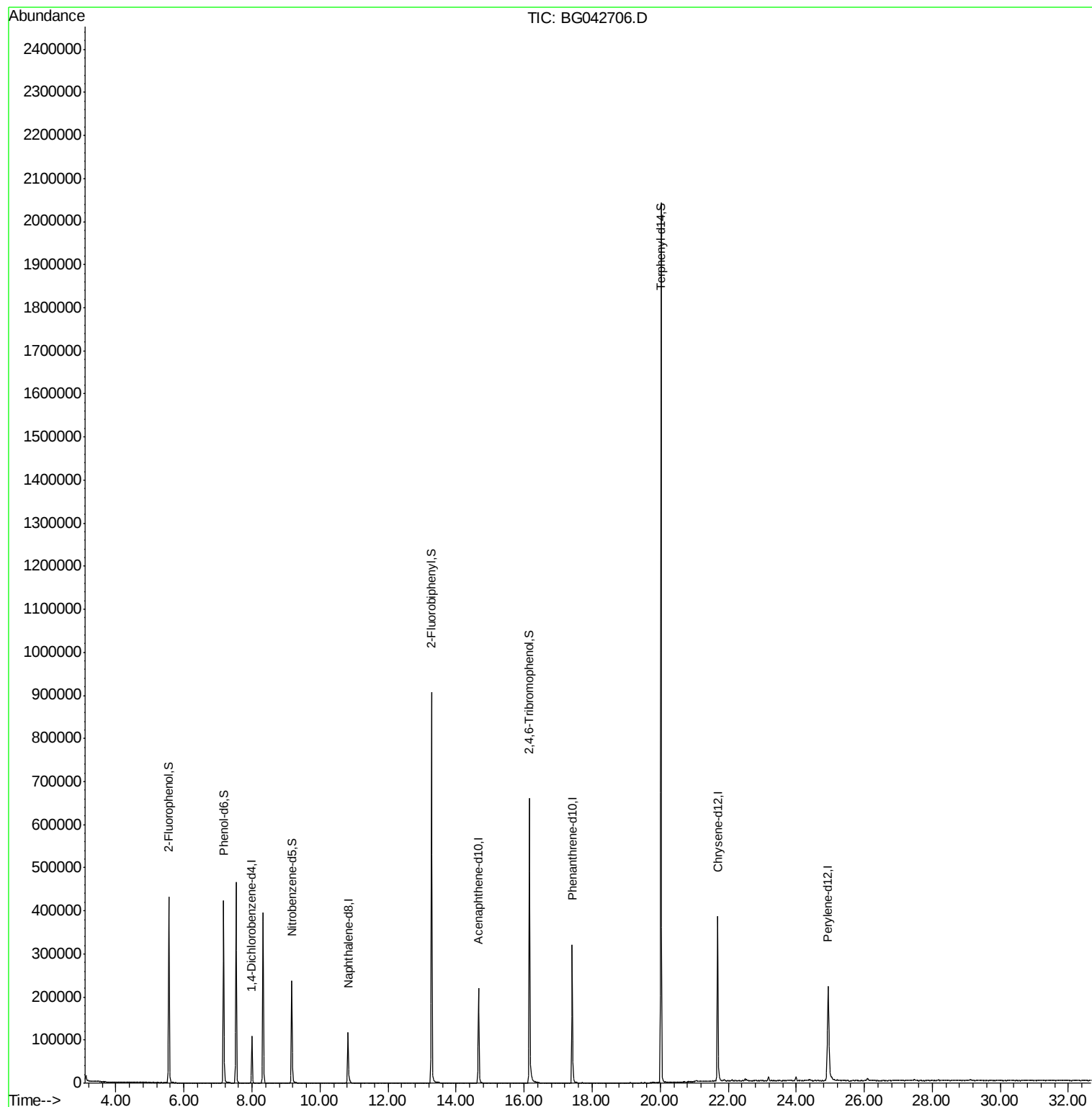
Target Compounds Qvalue

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

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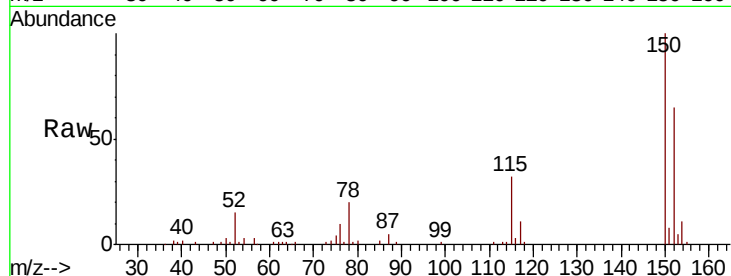


#1

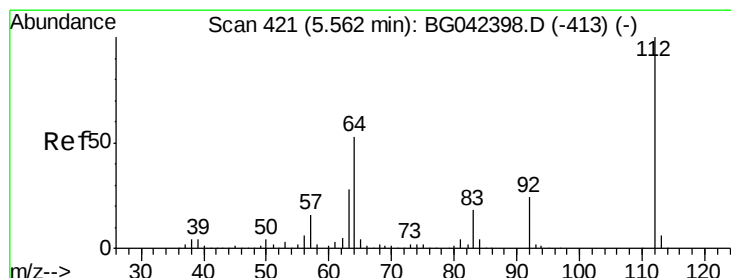
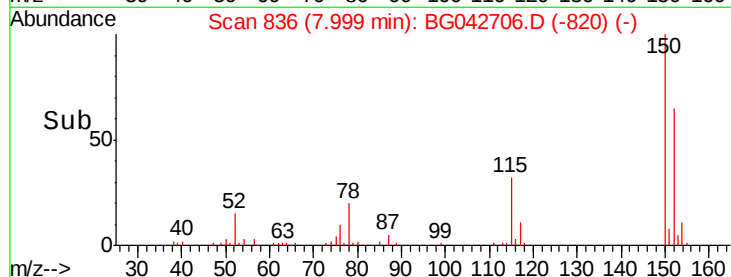
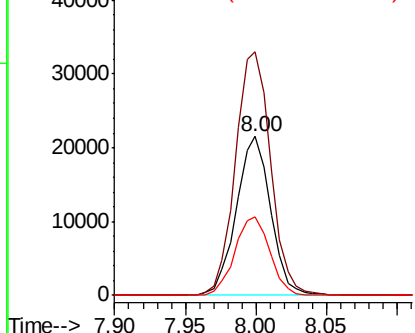
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042706.D
Acq: 4 Sep 2019 14:08

Instrument :
BNA_G
ClientSampleId :
PB122759BL

Tot Ion:152 Resp: 36529
Ion Ratio Lower Upper
152 100
150 153.3 125.4 188.0
115 49.1 38.5 57.7



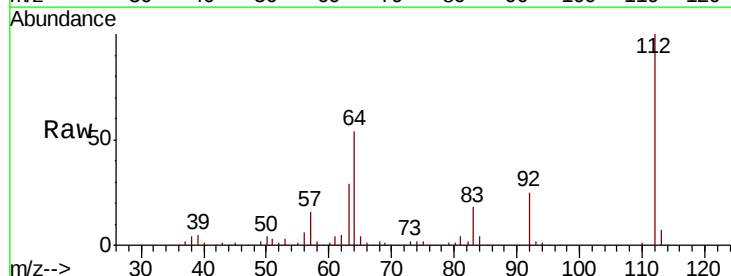
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



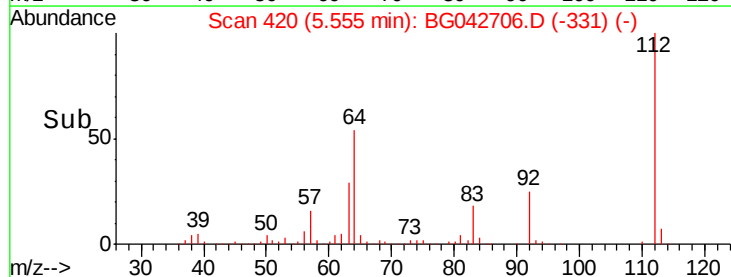
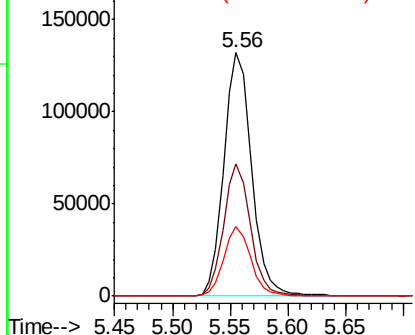
#5

2-Fluorophenol
Concen: 122.141 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042706.D
Acq: 4 Sep 2019 14:08

Tgt Ion:112 Resp: 220298
Ion Ratio Lower Upper
112 100
64 54.1 42.8 64.2
63 28.7 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: 115.637 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042706.D

Acq: 4 Sep 2019 14:08

Instrument :

BNA_G

ClientSampleId :

PB122759BL

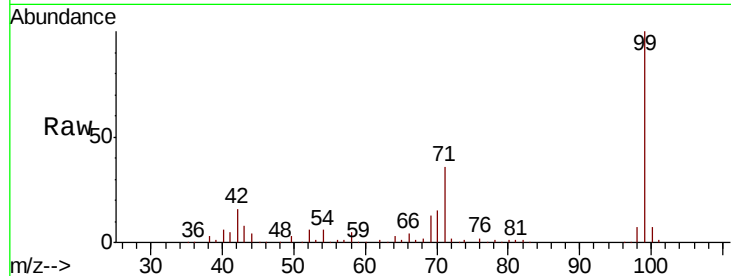
Tot Ion: 99 Resp: 281729

Ion Ratio Lower Upper

99 100

42 15.5 12.0 18.0

71 35.6 26.3 39.5

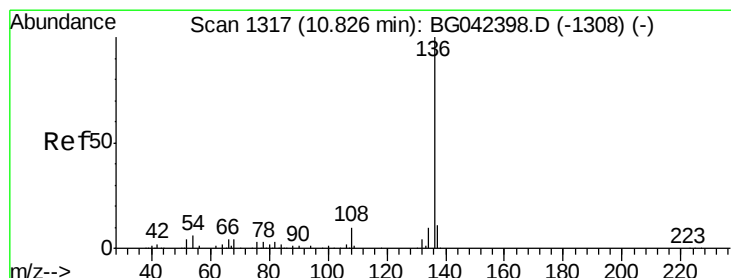
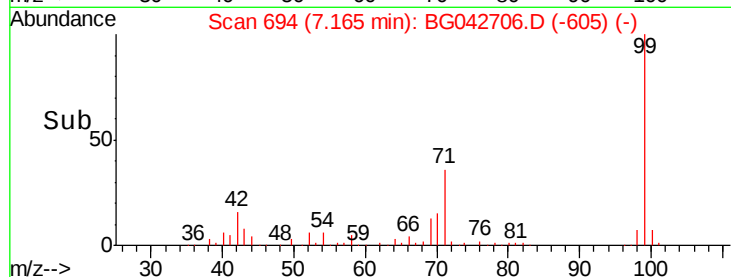
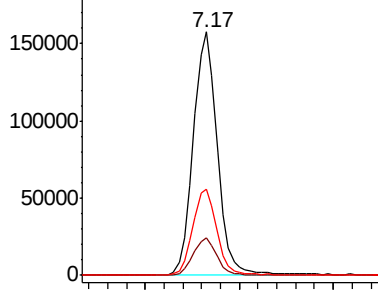


Abundance

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: BG042706.D

Acq: 4 Sep 2019 14:08

Tgt Ion: 136 Resp: 134189

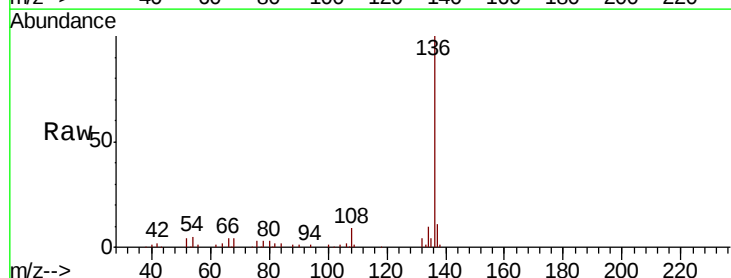
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 5.2 4.9 7.3

68 4.1 3.6 5.4



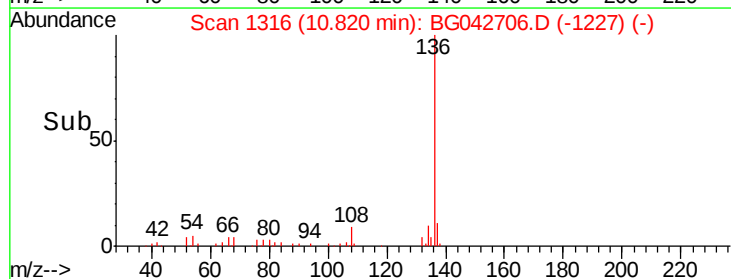
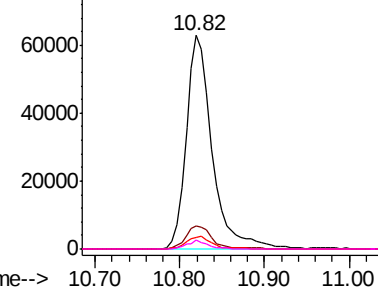
Abundance

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

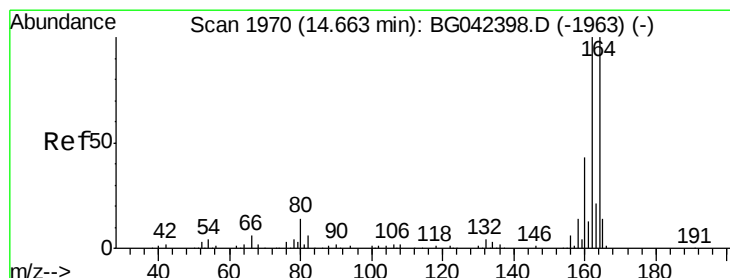
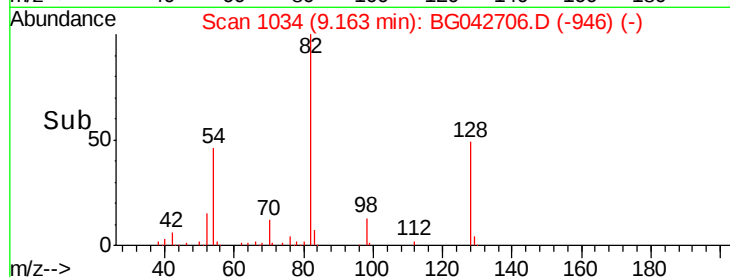
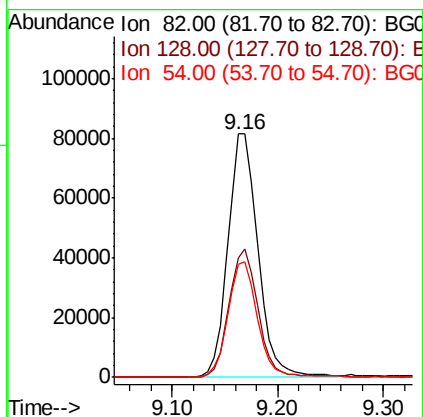
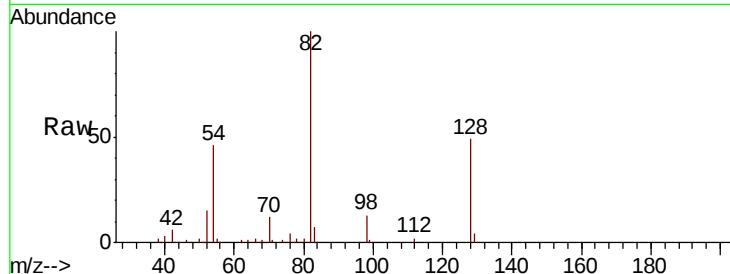




#23
Nitrobenzene-d5
Concen: 82.551 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042706.D
Acq: 4 Sep 2019 14:08

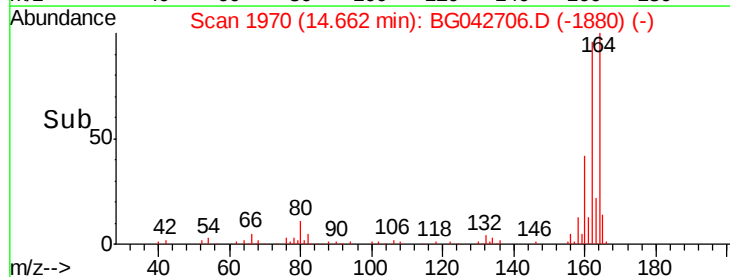
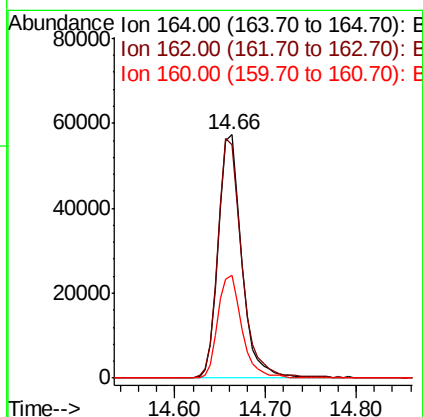
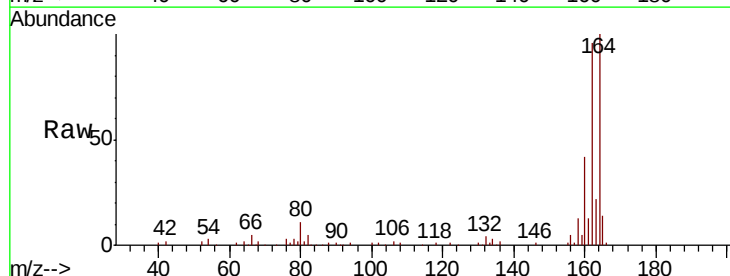
Instrument :
BNA_G
ClientSampleId :
PB122759BL

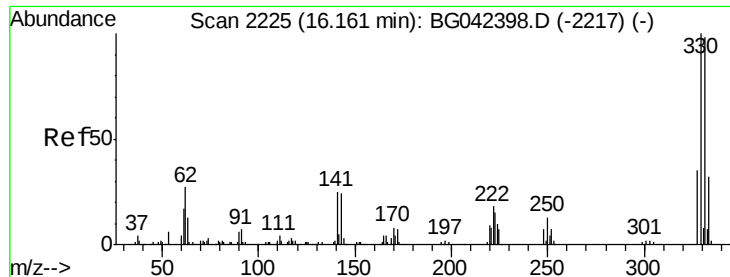
Tot Ion: 82 Resp: 160300
Ion Ratio Lower Upper
82 100
128 48.9 40.7 61.1
54 46.2 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042706.D
Acq: 4 Sep 2019 14:08

Tgt Ion: 164 Resp: 102709
Ion Ratio Lower Upper
164 100
162 96.1 79.9 119.9
160 42.5 34.3 51.5

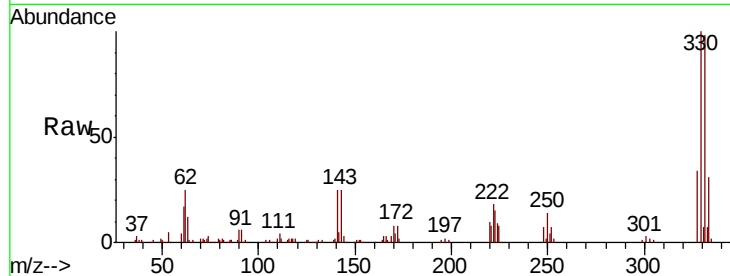




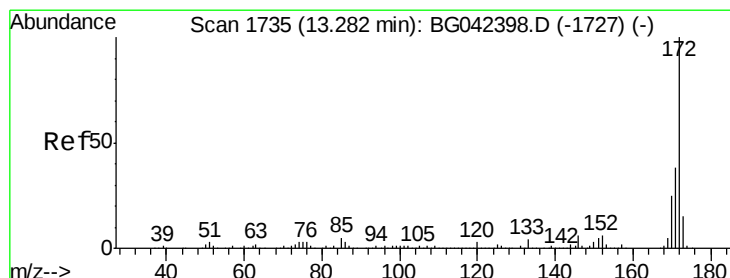
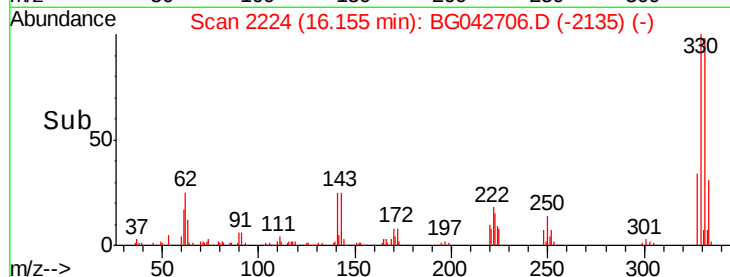
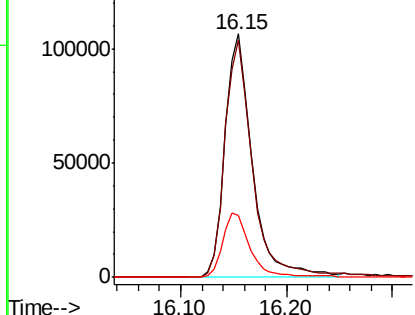
#42
 2,4,6-Tribromophenol
 Concen: 131.154 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG042706.D
 Acq: 4 Sep 2019 14:08

Instrument :
 BNA_G
 ClientSampleId :
 PB122759BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.9	77.4	116.0
141	27.0	21.4	32.0

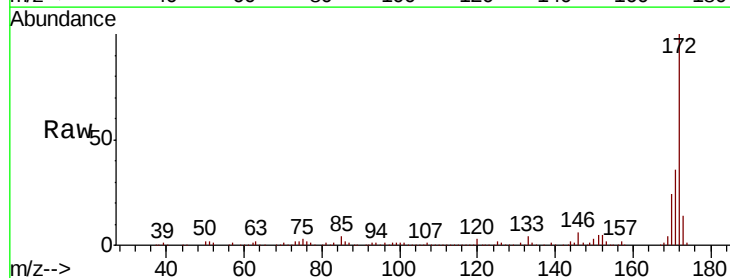


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

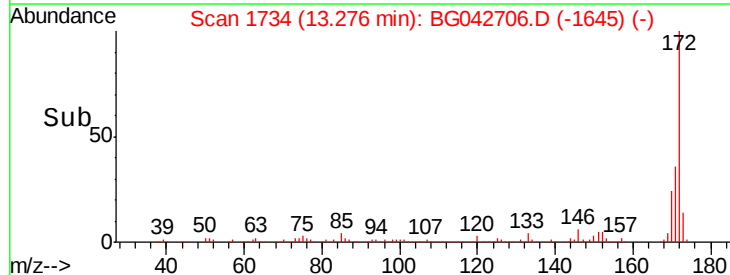
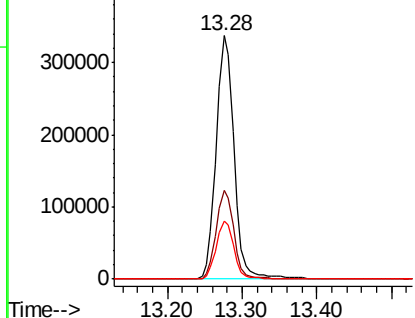


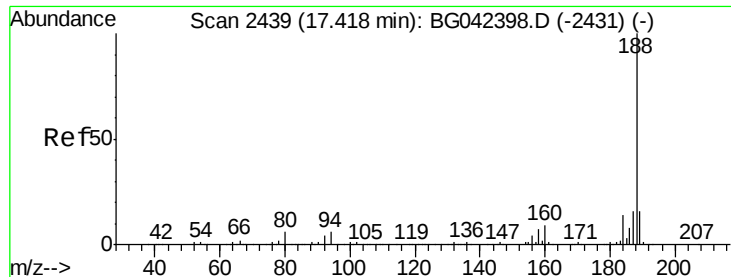
#45
 2-Fluorobiphenyl
 Concen: 92.493 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042706.D
 Acq: 4 Sep 2019 14:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.5	45.7
170	23.8	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

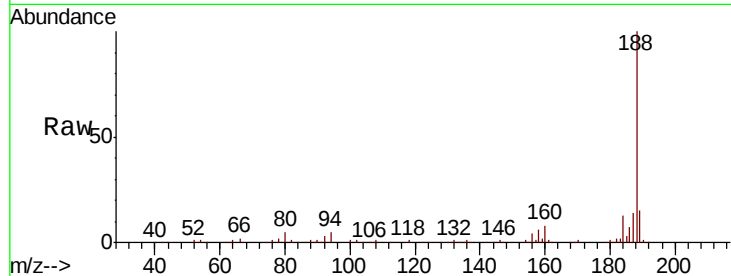




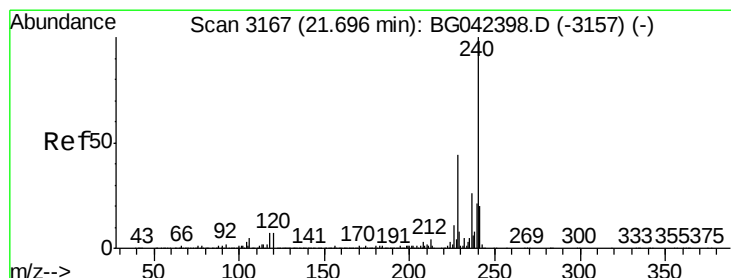
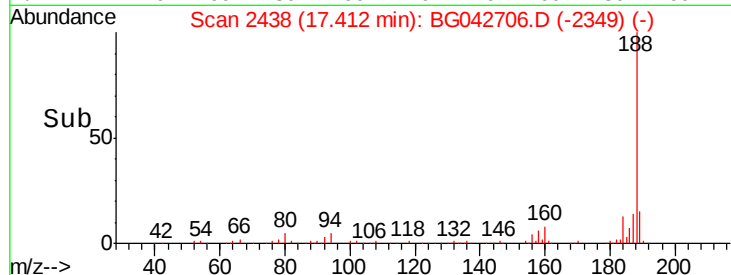
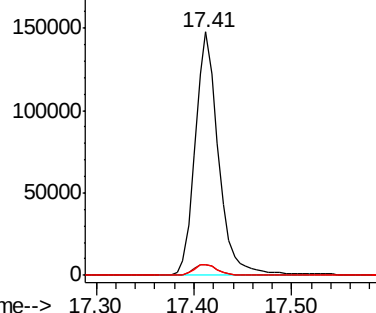
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042706.D
Acq: 4 Sep 2019 14:08

Instrument :
BNA_G
ClientSampleId :
PB122759BL

Tot Ion:188 Resp: 245599
Ion Ratio Lower Upper
188 100
94 4.6 4.5 6.7
80 4.6 4.9 7.3#

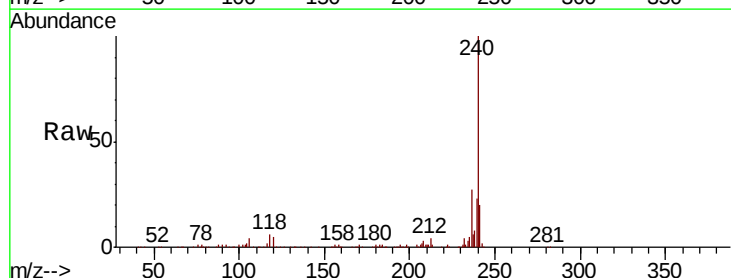


Abundance Ion 188.00 (187.70 to 188.70): E
200000 Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

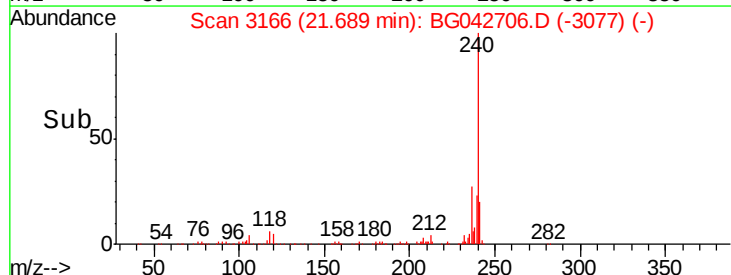
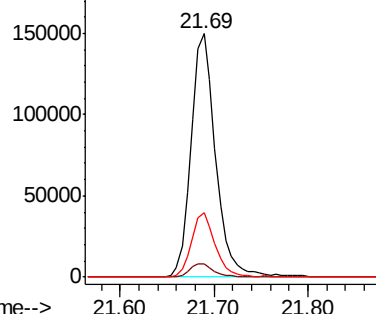


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042706.D
Acq: 4 Sep 2019 14:08

Tgt Ion:240 Resp: 273899
Ion Ratio Lower Upper
240 100
120 5.3 5.7 8.5#
236 26.6 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
200000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.763 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042706.D

Acq: 4 Sep 2019 14:08

Instrument :

BNA_G

ClientSampleID :

PB122759BL

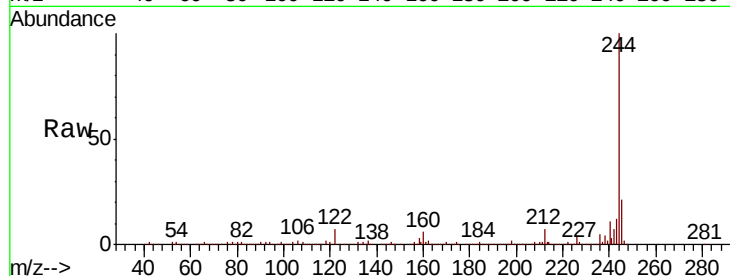
Tot Ion:244 Resp: 1124564

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

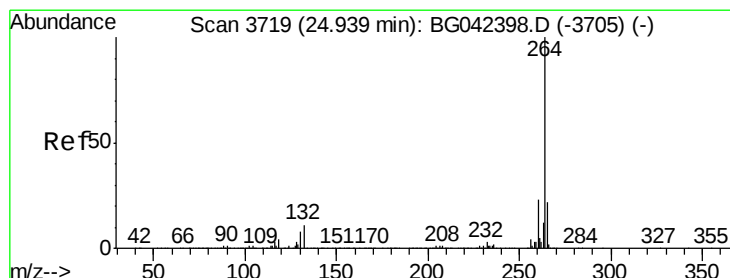
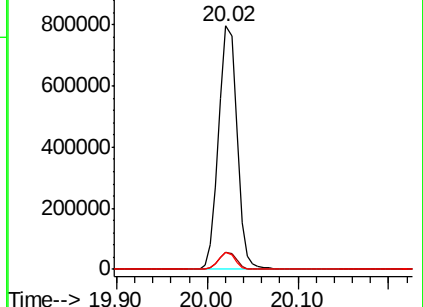
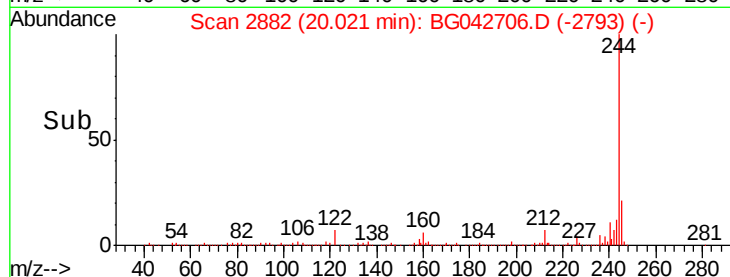
122 6.9 6.7 10.1



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: 24.94 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BG042706.D

Acq: 4 Sep 2019 14:08

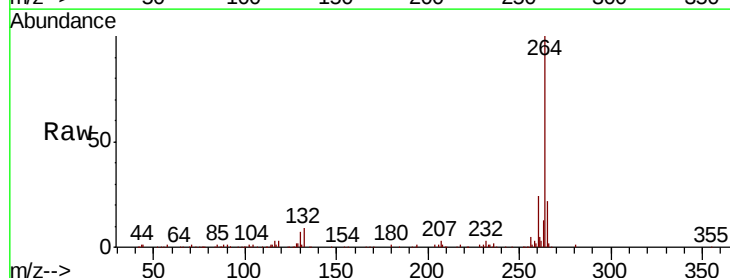
Tgt Ion:264 Resp: 318367

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.0 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

