

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
 Data File : BG042704.D
 Acq On : 4 Sep 2019 12:52
 Operator : HP/JU
 Sample : PB122757BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122757BL

Quant Time: Sep 04 18:28:02 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	38068	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	137538	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	103062	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	249598	20.00	ng	0.00
76) Chrysene-d12	21.69	240	281588	20.00	ng	0.00
87) Perylene-d12	24.93	264	320612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	162463	86.43	ng	0.00
7) Phenol-d6	7.17	99	204436	80.52	ng	0.00
23) Nitrobenzene-d5	9.16	82	169974	85.40	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	131394	89.70	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	581649	95.45	ng	0.00
79) Terphenyl-d14	20.02	244	1163819	89.35	ng	0.00

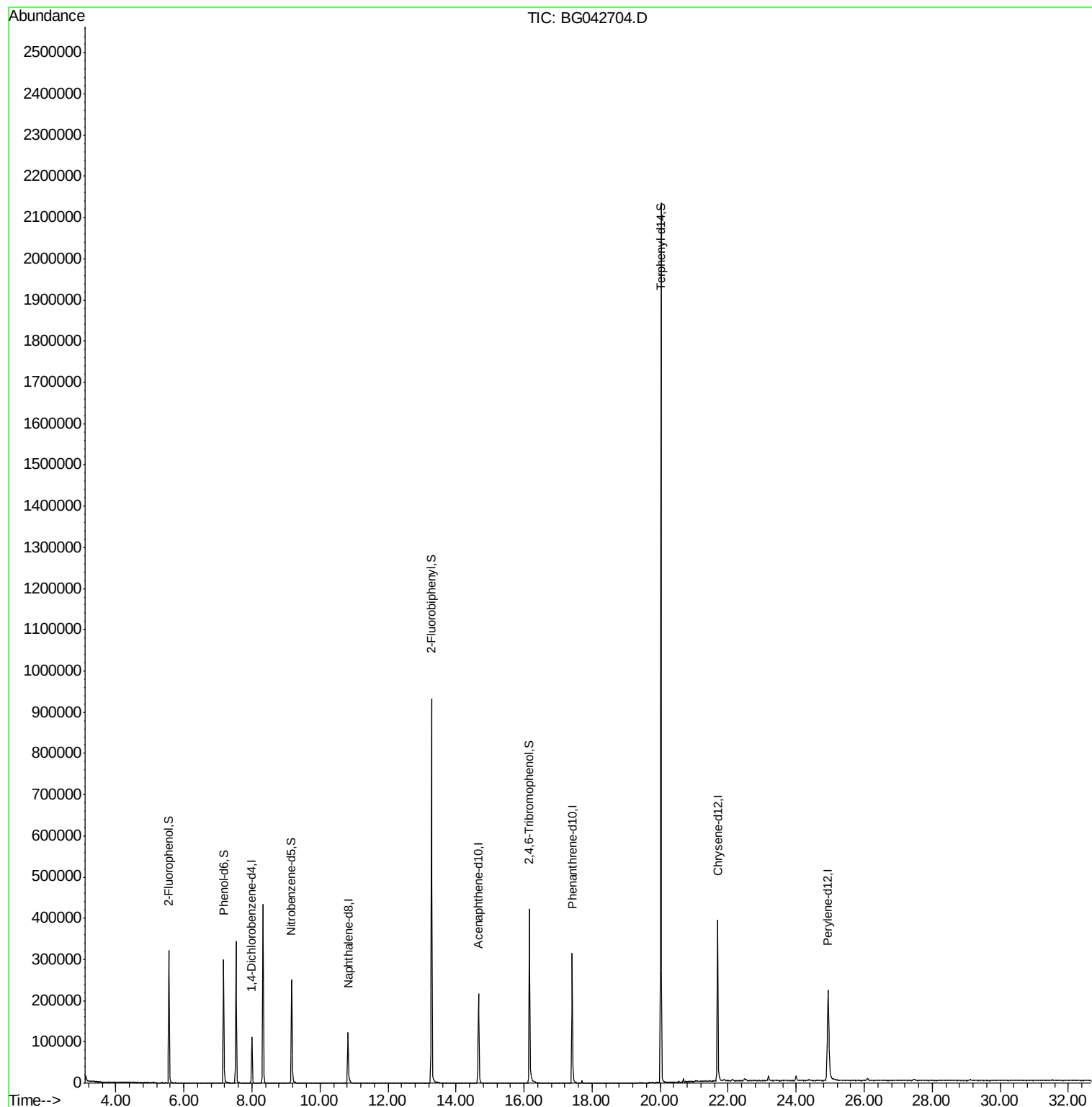
Target Compounds Qvalue

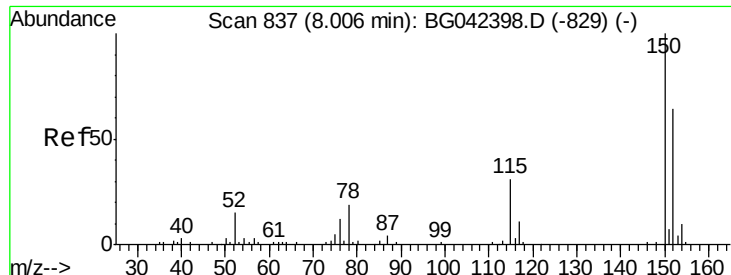
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042704.D
Acq On : 4 Sep 2019 12:52
Operator : HP/JU
Sample : PB122757BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122757BL

Quant Time: Sep 04 18:28:02 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



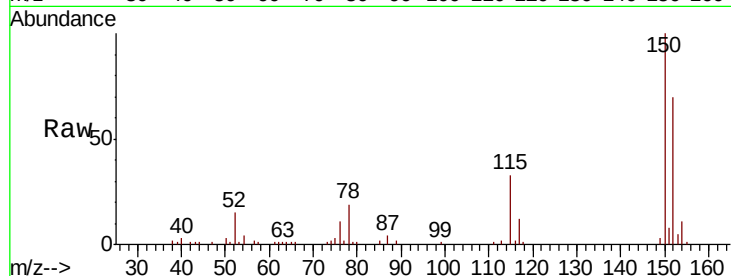


#1

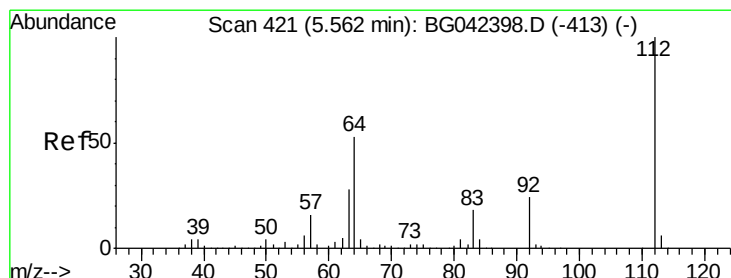
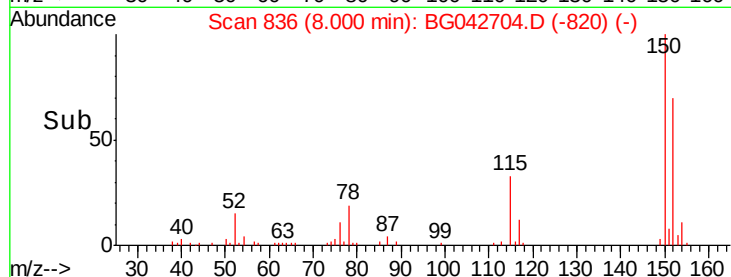
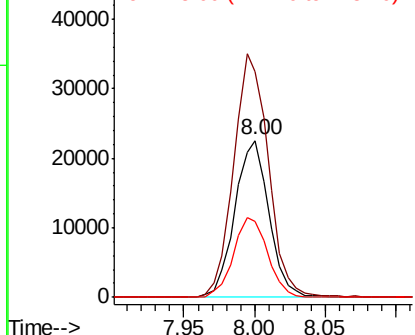
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042704.D
Acq: 4 Sep 2019 12:52

Instrument :
BNA_G
ClientSampleId :
PB122757BL

Tot Ion:152 Resp: 38068
Ion Ratio Lower Upper
152 100
150 143.9 125.4 188.0
115 48.1 38.5 57.7



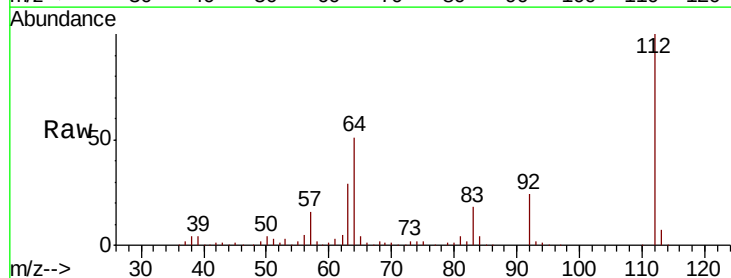
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



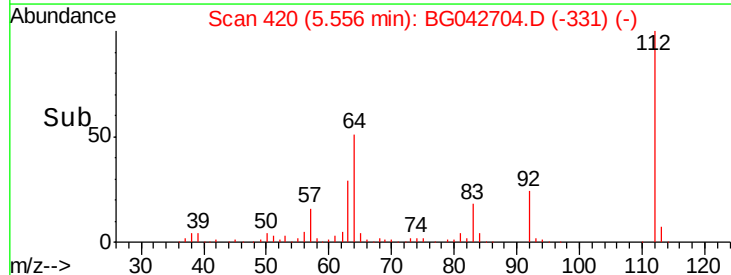
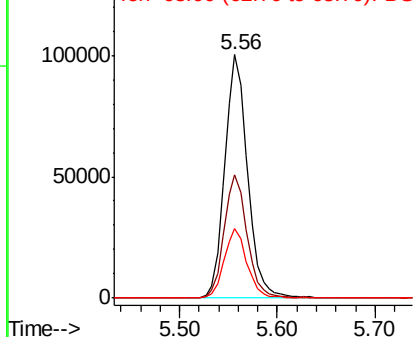
#5

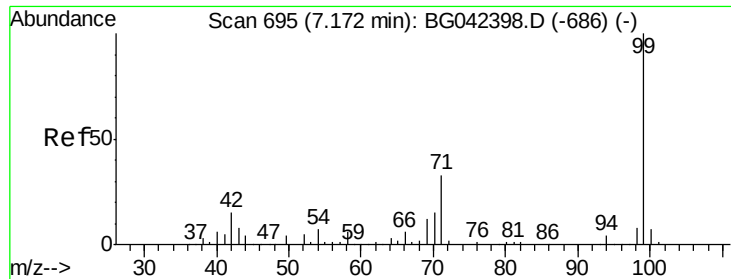
2-Fluorophenol
Concen: 86.433 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042704.D
Acq: 4 Sep 2019 12:52

Tgt Ion:112 Resp: 162463
Ion Ratio Lower Upper
112 100
64 50.6 42.8 64.2
63 28.6 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: 80.520 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042704.D

Acq: 4 Sep 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122757BL

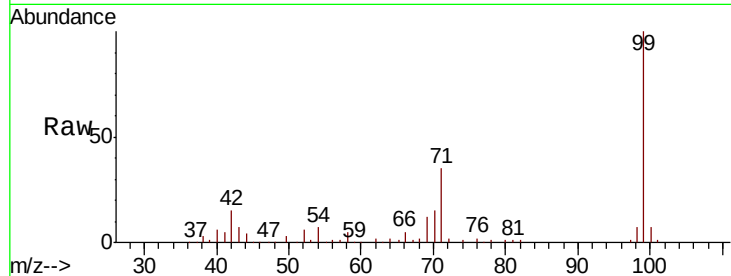
Tot Ion: 99 Resp: 204436

Ion Ratio Lower Upper

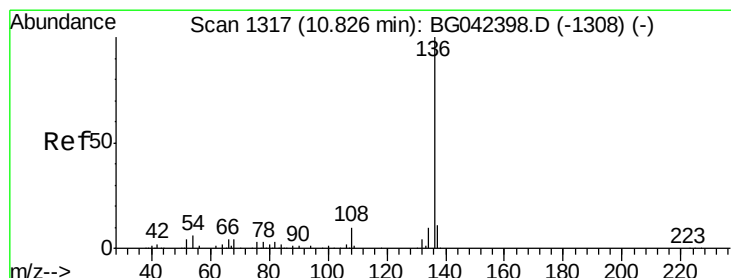
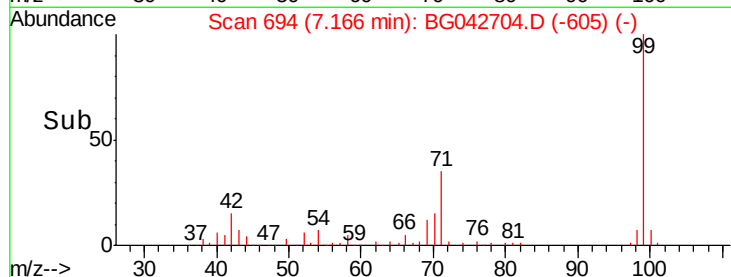
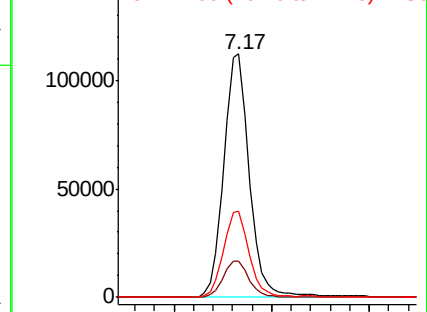
99 100

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# 1316

Delta R.T. -0.01 min

Lab File: BG042704.D

Acq: 4 Sep 2019 12:52

Tgt Ion: 136 Resp: 137538

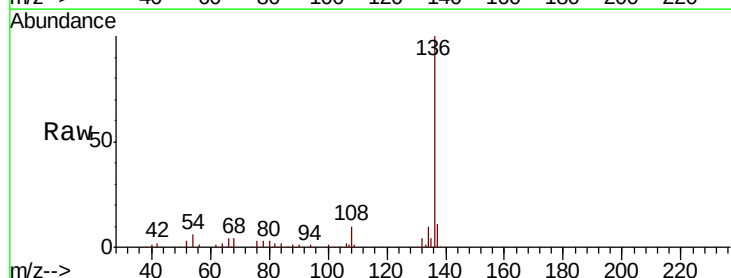
Ion Ratio Lower Upper

136 100

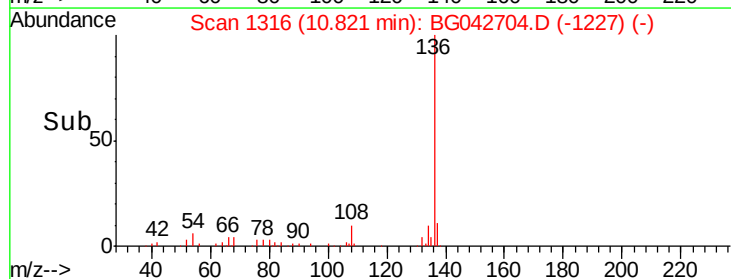
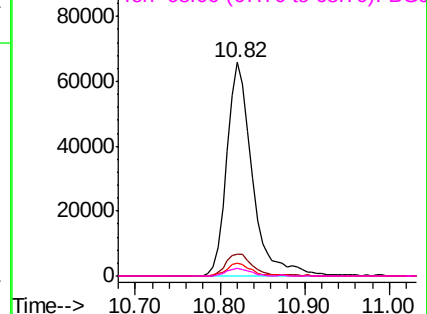
137 10.5 8.7 13.1

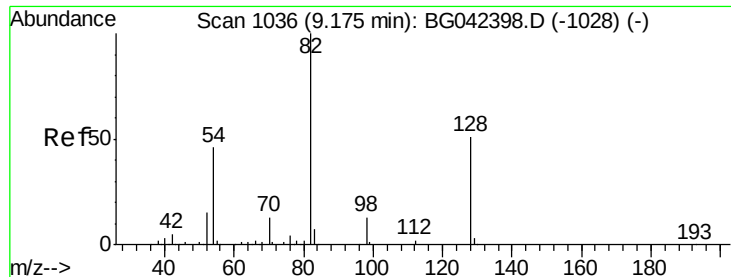
54 5.8 4.9 7.3

68 3.5 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

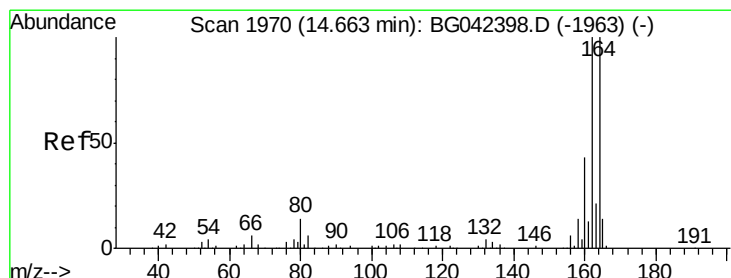
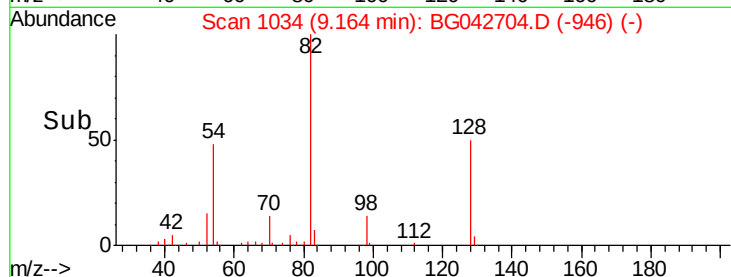
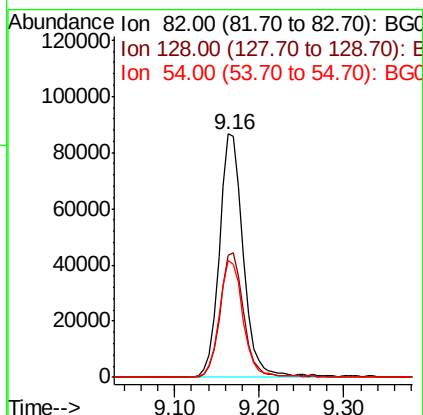
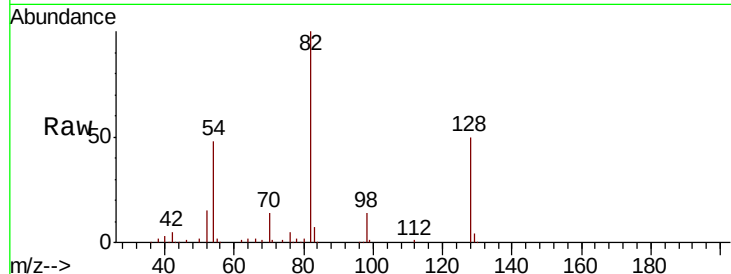




#23
Nitrobenzene-d5
Concen: 85.401 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042704.D
Acq: 4 Sep 2019 12:52

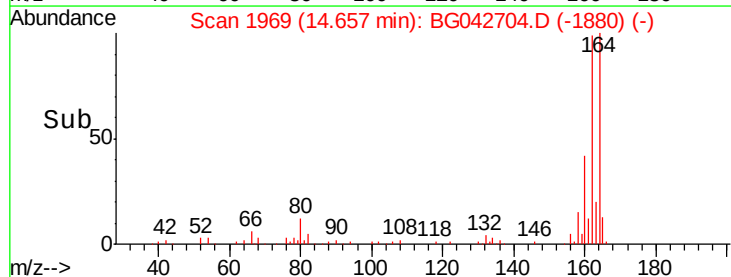
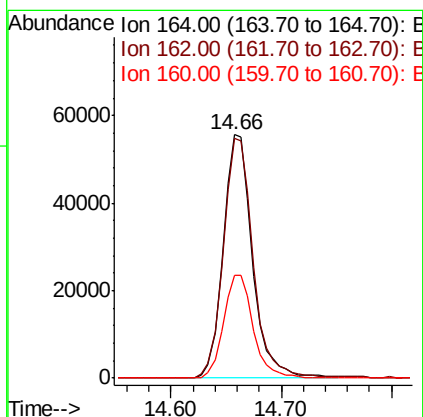
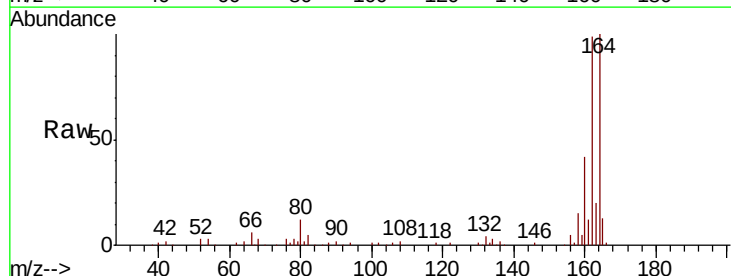
Instrument :
BNA_G
ClientSampleId :
PB122757BL

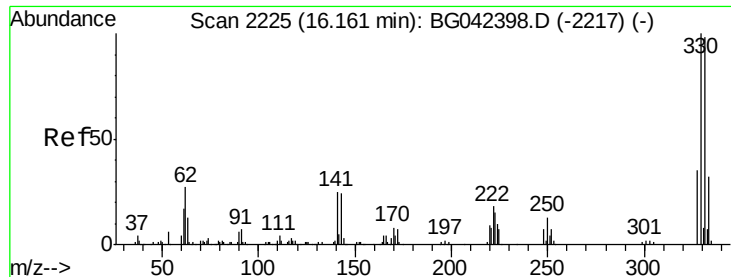
Tot Ion: 82 Resp: 169974
Ion Ratio Lower Upper
82 100
128 50.0 40.7 61.1
54 48.0 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042704.D
Acq: 4 Sep 2019 12:52

Tgt Ion:164 Resp: 103062
Ion Ratio Lower Upper
164 100
162 98.6 79.9 119.9
160 42.0 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 89.697 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042704.D

Acq: 4 Sep 2019 12:52

Instrument :

BNA_G

ClientSampleId :

PB122757BL

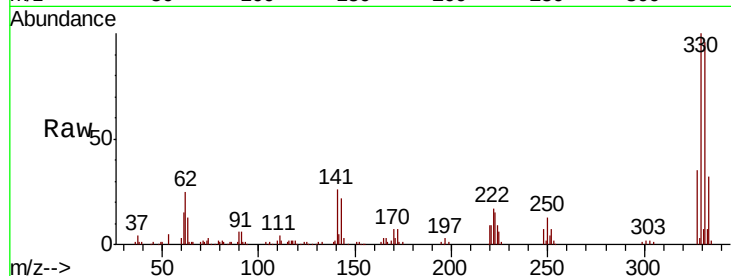
Tot Ion:330 Resp: 131394

Ion Ratio Lower Upper

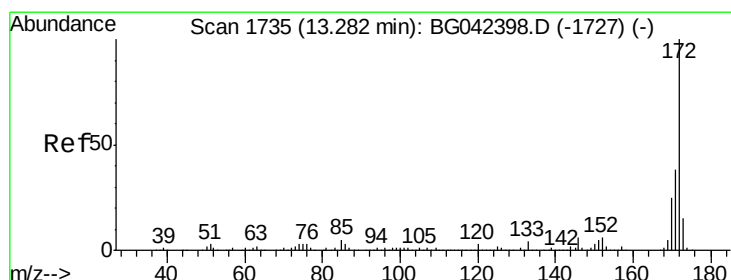
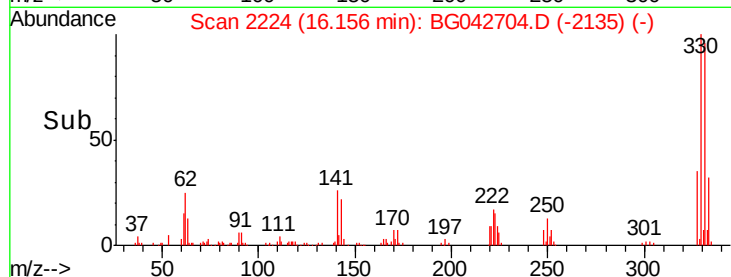
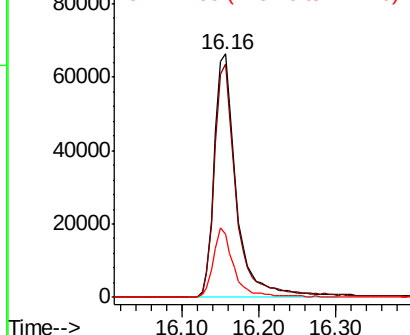
330 100

332 95.9 77.4 116.0

141 26.5 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: 95.451 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042704.D

Acq: 4 Sep 2019 12:52

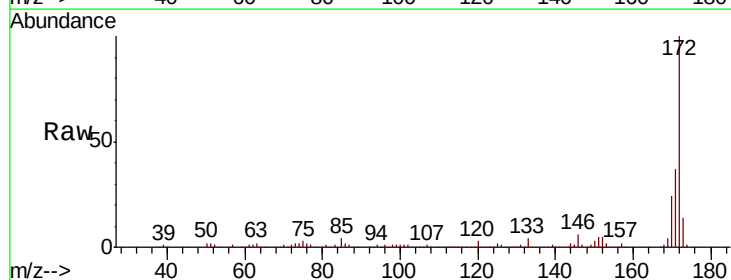
Tgt Ion:172 Resp: 581649

Ion Ratio Lower Upper

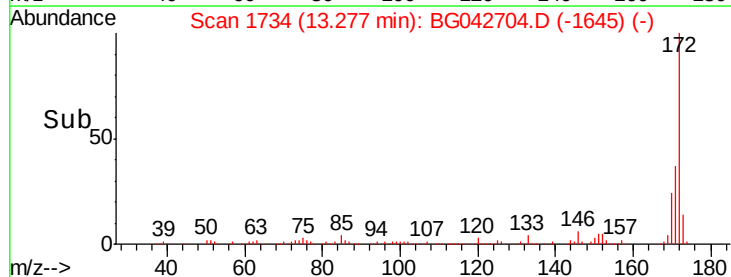
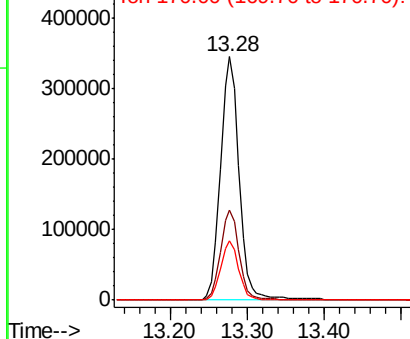
172 100

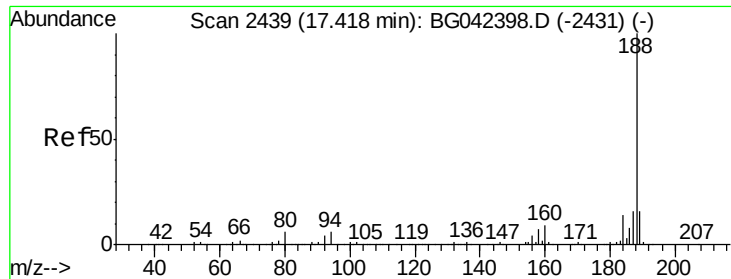
171 37.2 30.5 45.7

170 24.1 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

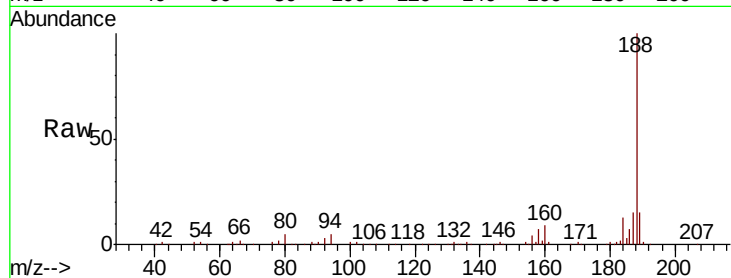




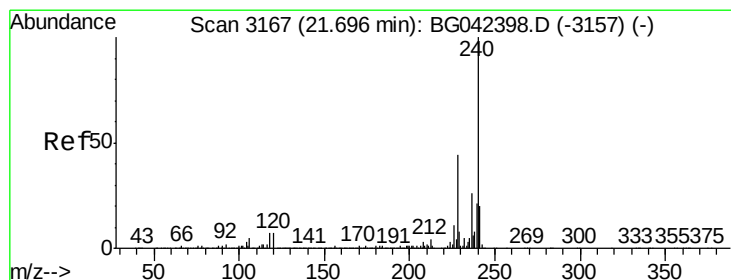
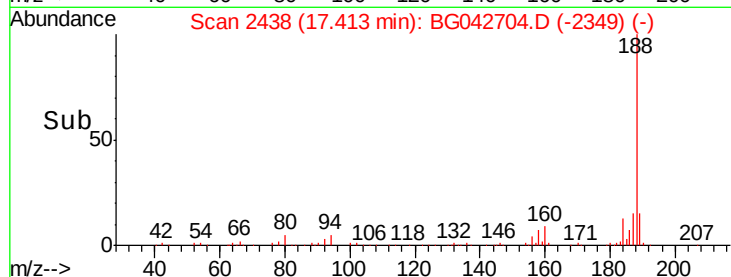
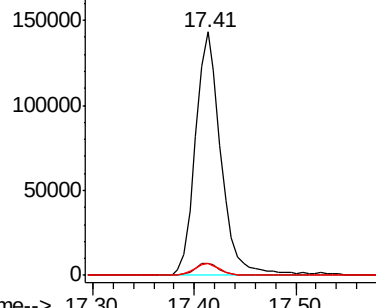
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042704.D
Acq: 4 Sep 2019 12:52

Instrument :
BNA_G
ClientSampleId :
PB122757BL

Tot Ion:188 Resp: 249598
Ion Ratio Lower Upper
188 100
94 5.1 4.5 6.7
80 5.1 4.9 7.3

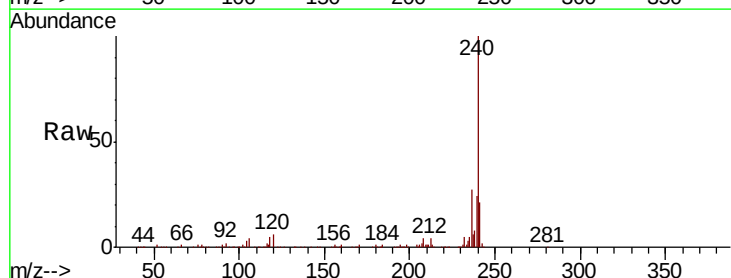


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

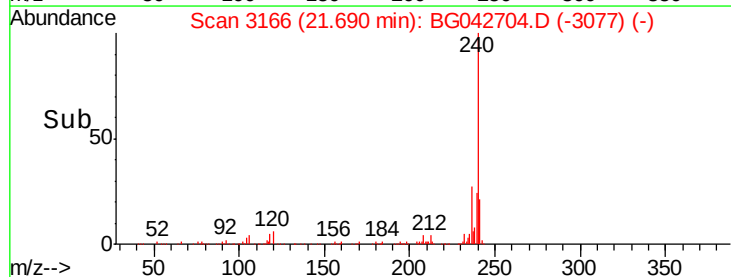
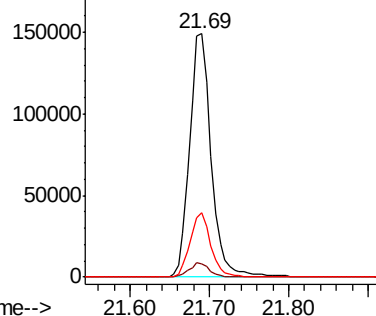


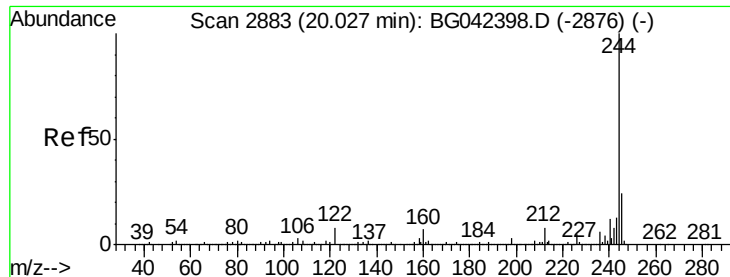
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042704.D
Acq: 4 Sep 2019 12:52

Tgt Ion:240 Resp: 281588
Ion Ratio Lower Upper
240 100
120 5.6 5.7 8.5#
236 26.7 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: 89.353 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042704.D

Acq: 4 Sep 2019 12:52

Instrument :

BNA_G

ClientSampled :

PB122757BL

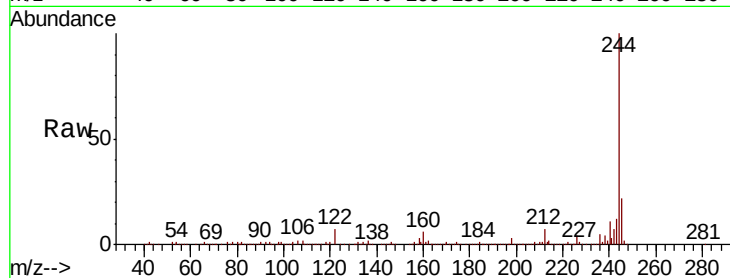
Tot Ion:244 Resp: 1163819

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

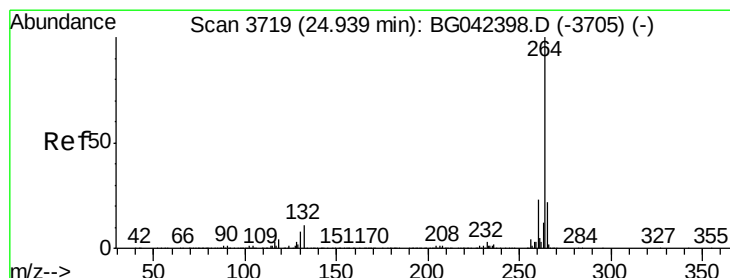
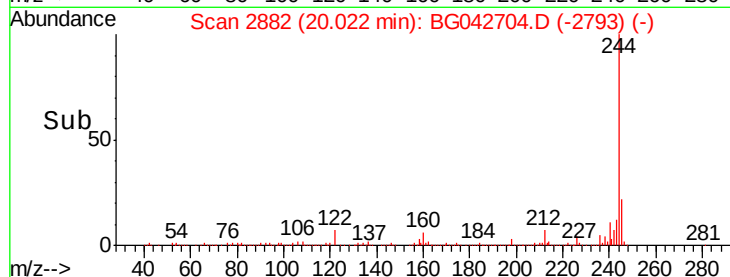
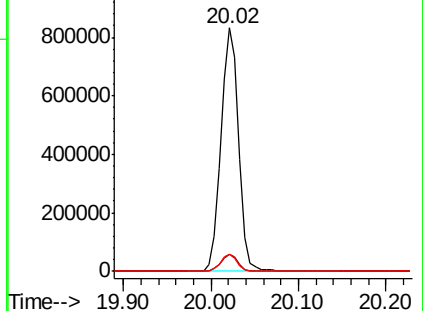
122 6.8 6.7 10.1



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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042704.D

Acq: 4 Sep 2019 12:52

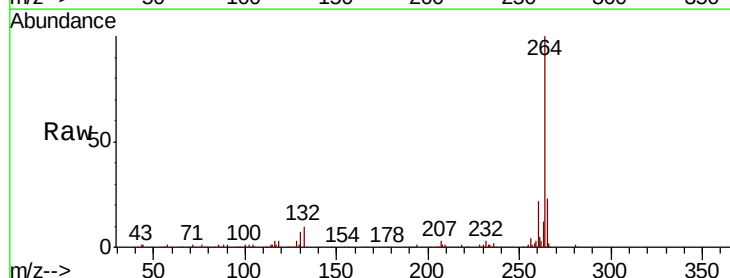
Tgt Ion:264 Resp: 320612

Ion Ratio Lower Upper

264 100

260 22.3 18.5 27.7

265 22.8 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

