

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
 Data File : BG042407.D
 Acq On : 22 Aug 2019 18:58
 Operator : HP/JU
 Sample : PB122408BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122408BL

Quant Time: Aug 23 03:50:31 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	53806	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	212580	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	157316	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	364674	20.00	ng	0.00
76) Chrysene-d12	21.69	240	392226	20.00	ng	0.00
87) Perylene-d12	24.94	264	451031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	334509	125.91	ng	0.00
7) Phenol-d6	7.17	99	439680	122.52	ng	0.00
23) Nitrobenzene-d5	9.17	82	253466	82.39	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	252558	112.95	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	820454	88.21	ng	0.00
79) Terphenyl-d14	20.03	244	1482038	81.69	ng	0.00

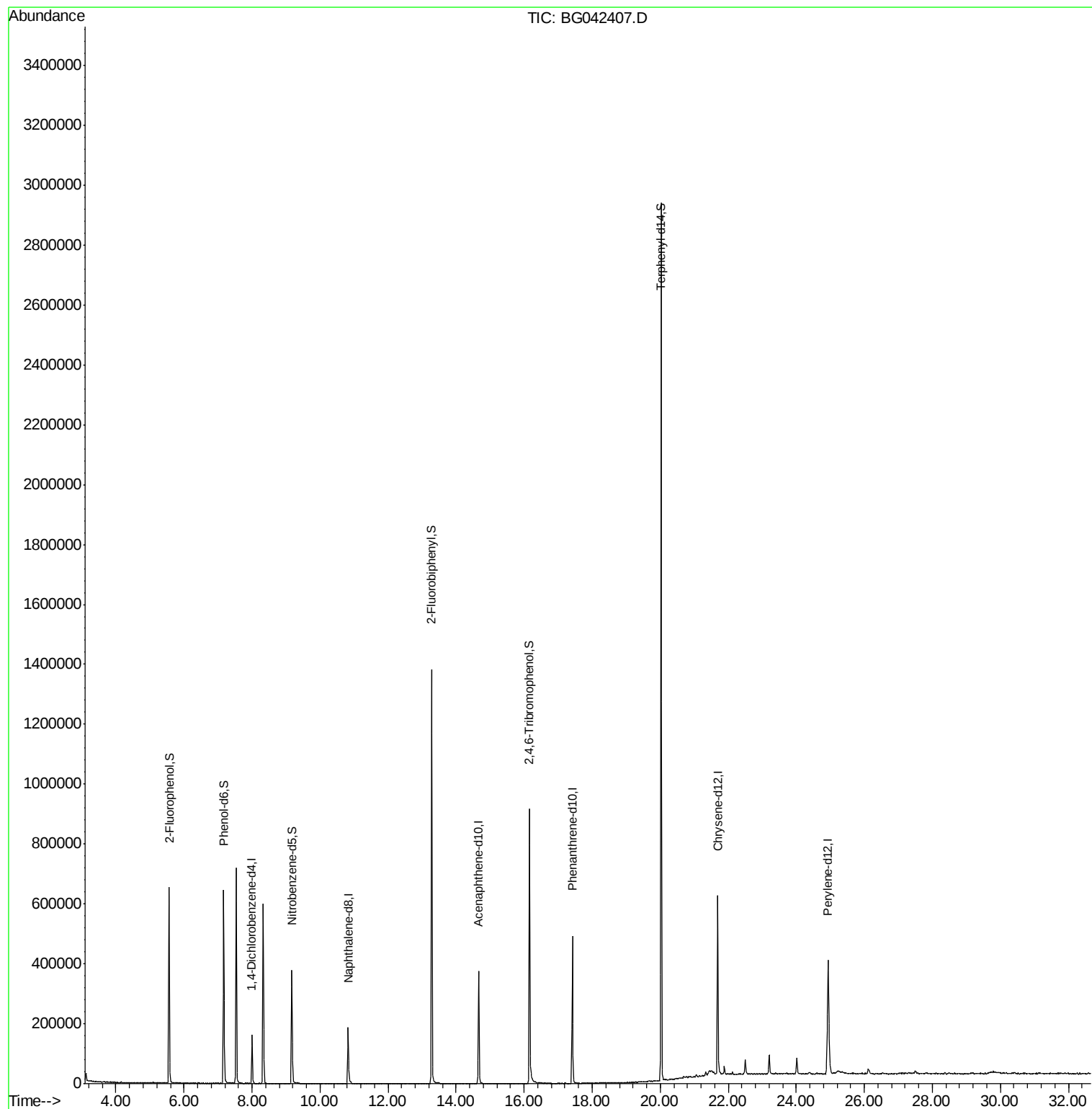
Target Compounds Qvalue

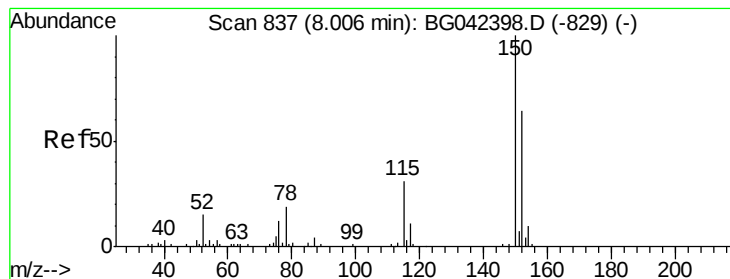
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG042407.D

Acq: 22 Aug 2019 18:58

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BNA_G

ClientSampleId :

PB122408BL

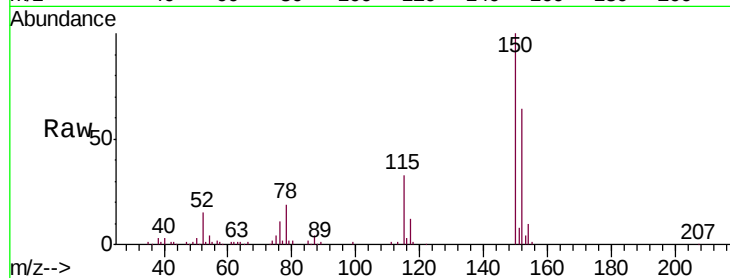
Tot Ion:152 Resp: 53806

Ion Ratio Lower Upper

152 100

150 155.4 125.4 188.0

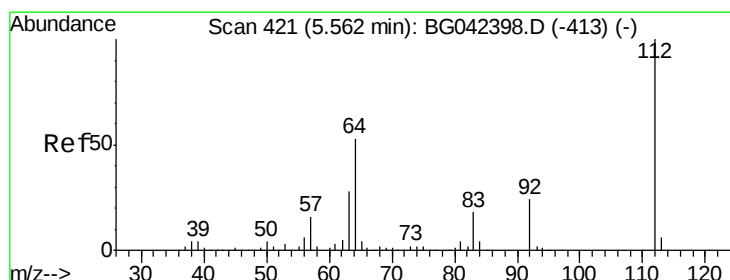
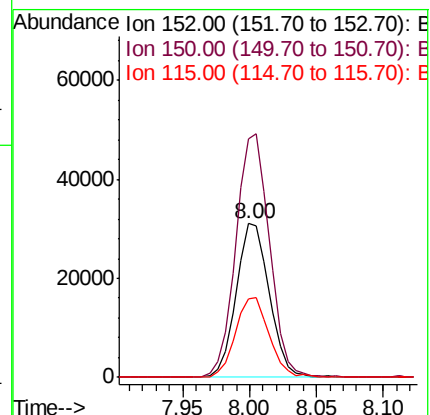
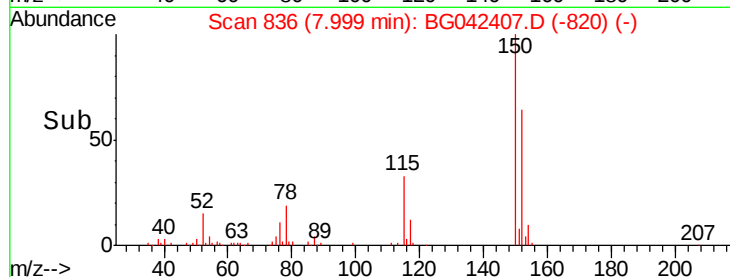
115 51.4 38.5 57.7



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: 125.911 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042407.D

Acq: 22 Aug 2019 18:58

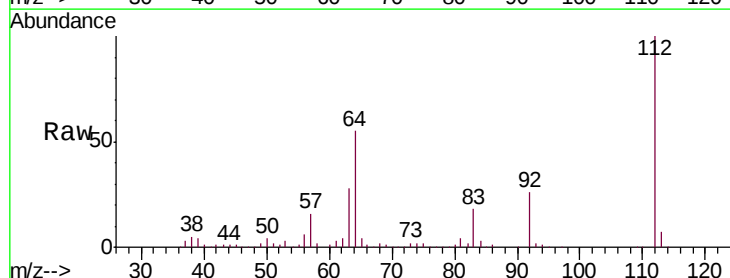
Tgt Ion:112 Resp: 334509

Ion Ratio Lower Upper

112 100

64 55.4 42.8 64.2

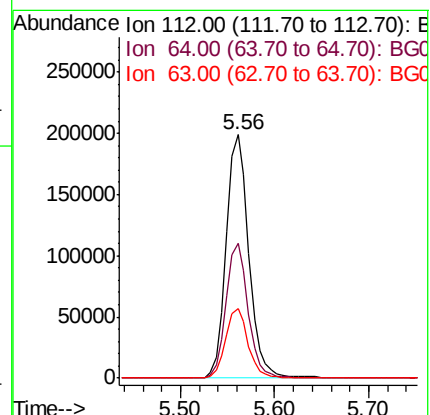
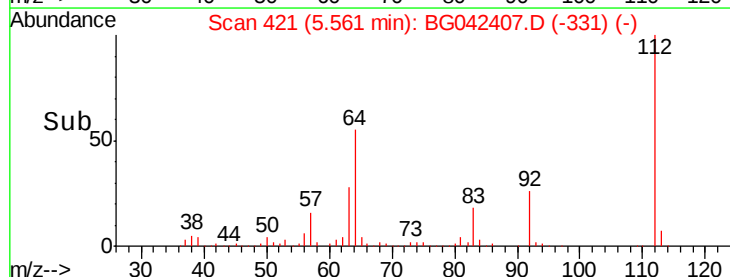
63 28.4 22.7 34.1

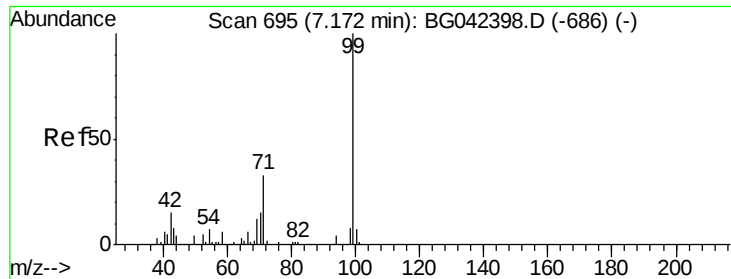


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 122.521 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042407.D

Acq: 22 Aug 2019 18:58

Instrument :

BNA_G

ClientSampleId :

PB122408BL

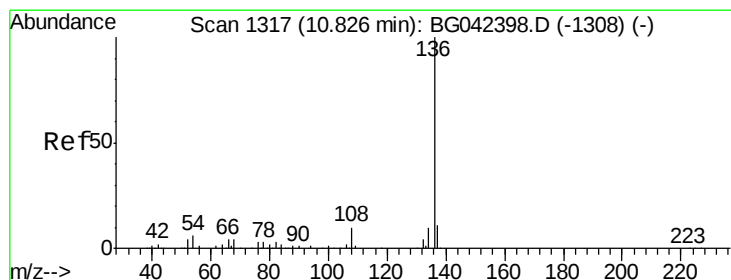
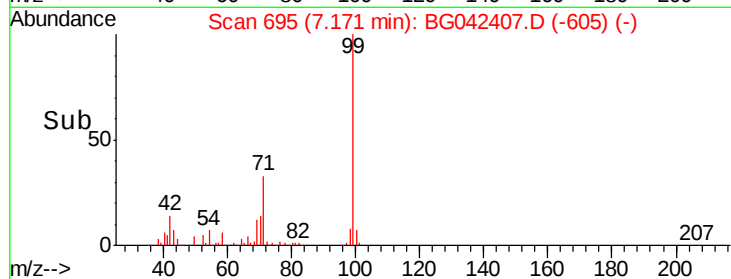
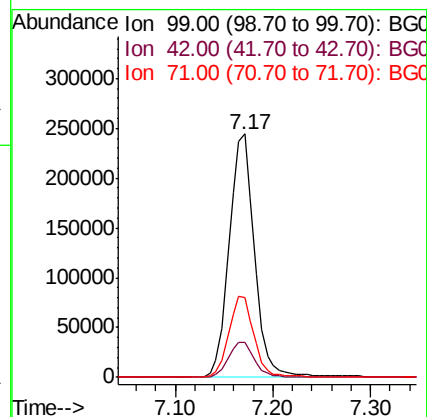
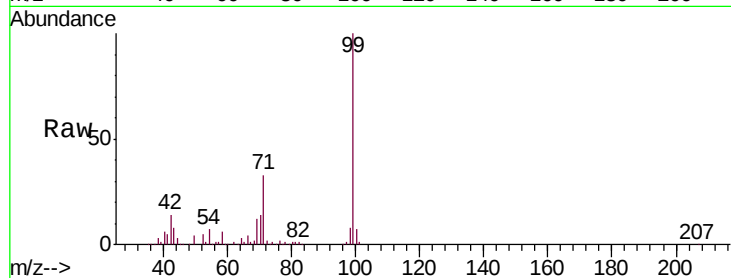
Tot Ion: 99 Resp: 439680

Ion Ratio Lower Upper

99 100

42 14.5 12.0 18.0

71 32.7 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042407.D

Acq: 22 Aug 2019 18:58

Tgt Ion: 136 Resp: 212580

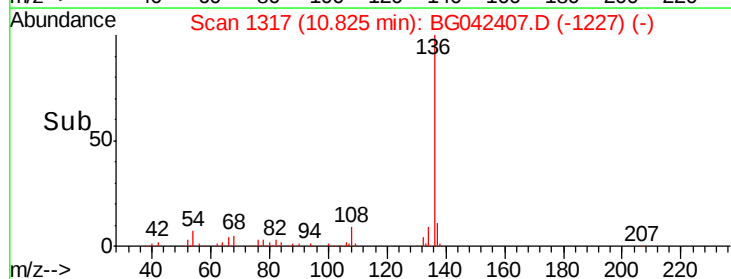
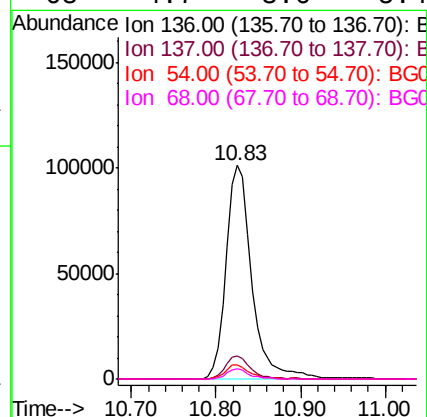
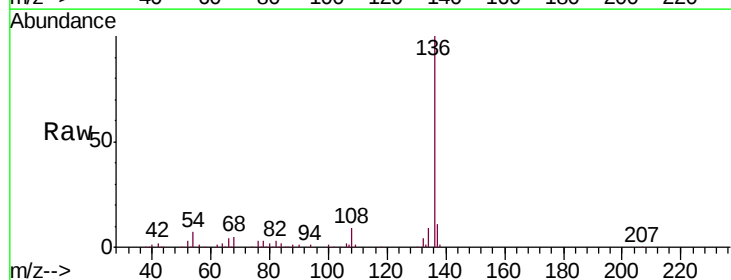
Ion Ratio Lower Upper

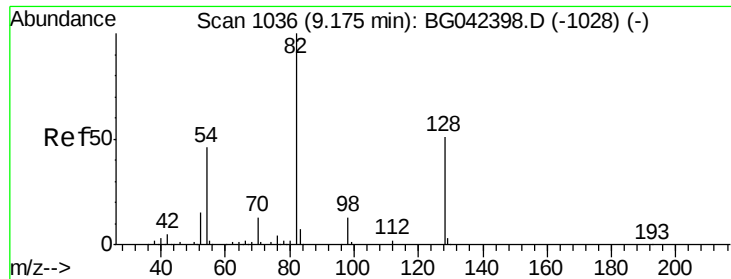
136 100

137 10.9 8.7 13.1

54 6.6 4.9 7.3

68 4.7 3.6 5.4

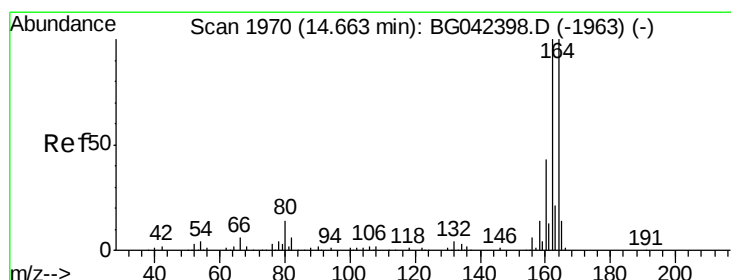
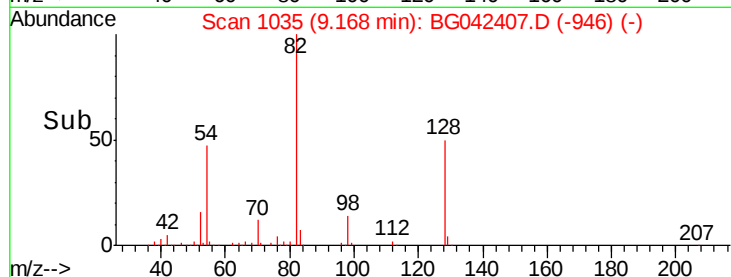
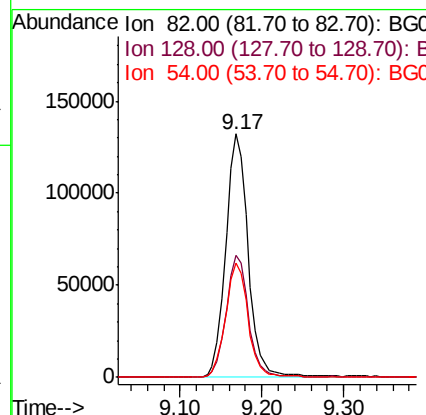
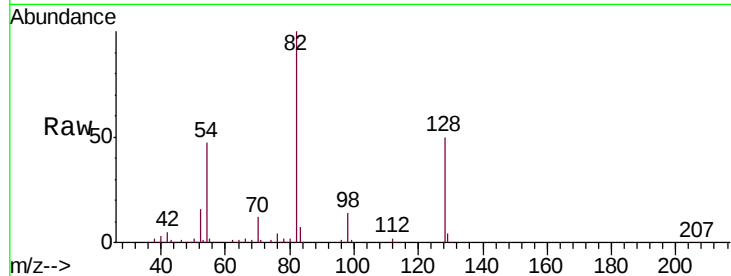




#23
Nitrobenzene-d5
Concen: 82.395 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042407.D
Acq: 22 Aug 2019 18:58

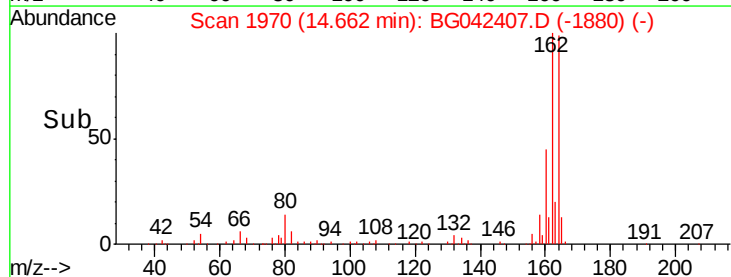
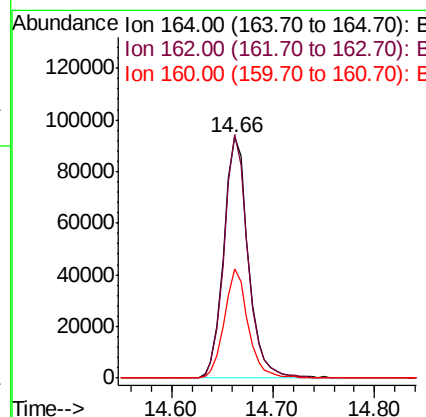
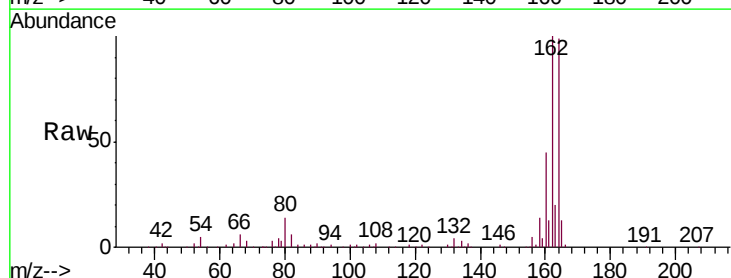
Instrument :
BNA_G
ClientSampleId :
PB122408BL

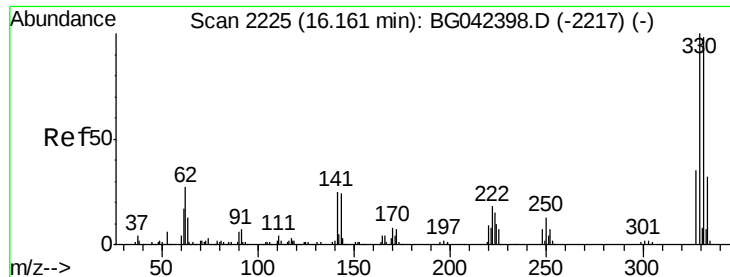
Tot Ion	82	Resp	253466
Ion Ratio	Lower	Upper	
82	100		
128	50.1	40.7	61.1
54	46.8	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042407.D
Acq: 22 Aug 2019 18:58

Tgt Ion	164	Resp	157316
Ion Ratio	Lower	Upper	
164	100		
162	101.1	79.9	119.9
160	45.2	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 112.951 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042407.D

Acq: 22 Aug 2019 18:58

Instrument :

BNA_G

ClientSampleId :

PB122408BL

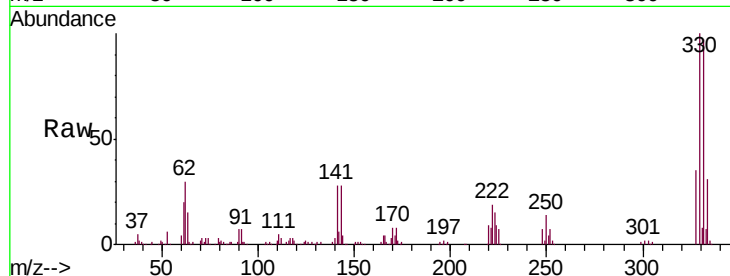
Tot Ion:330 Resp: 252558

Ion Ratio Lower Upper

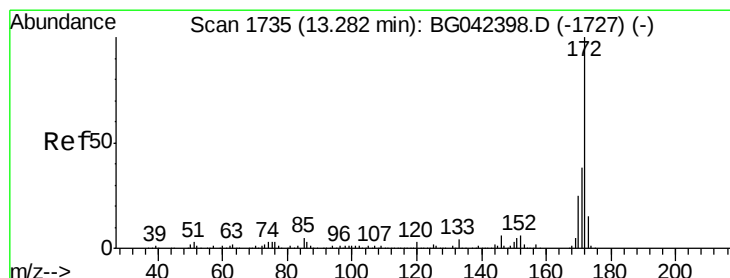
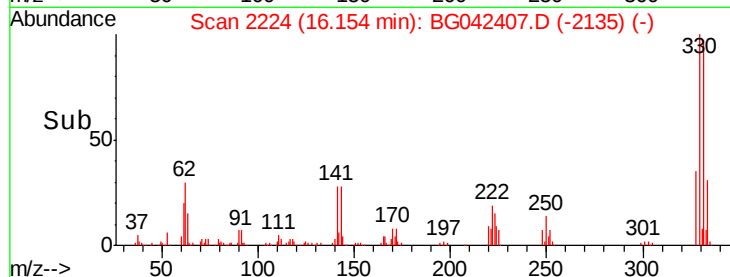
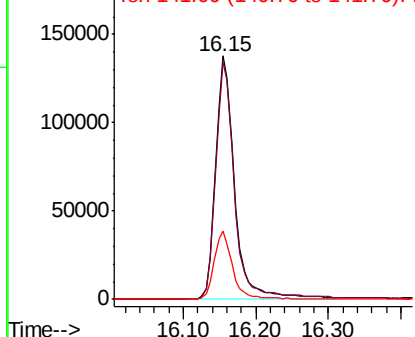
330 100

332 97.2 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: 88.206 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG042407.D

Acq: 22 Aug 2019 18:58

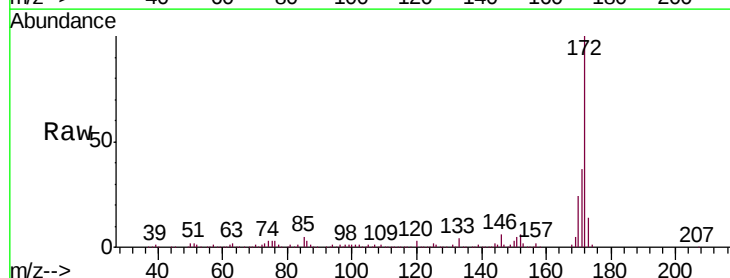
Tgt Ion:172 Resp: 820454

Ion Ratio Lower Upper

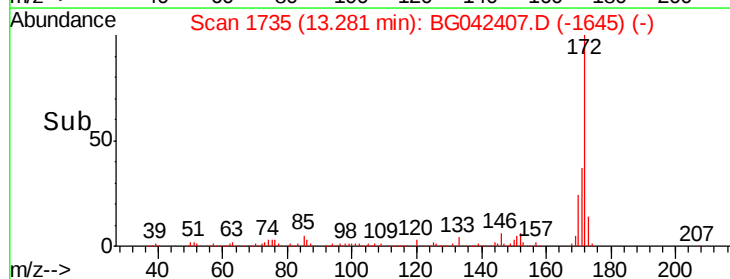
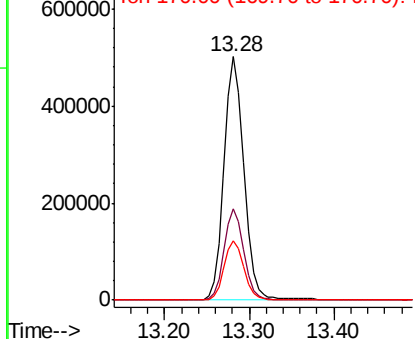
172 100

171 37.3 30.5 45.7

170 24.5 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

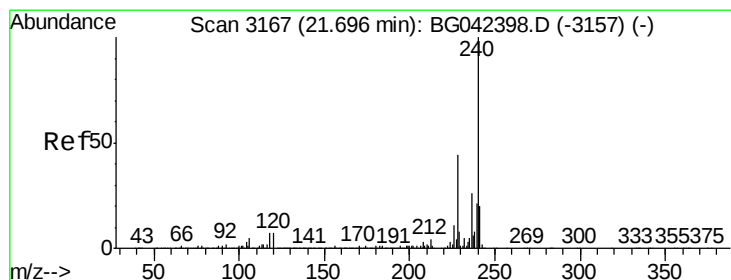
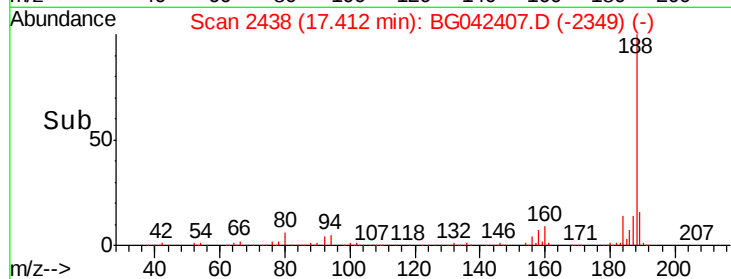
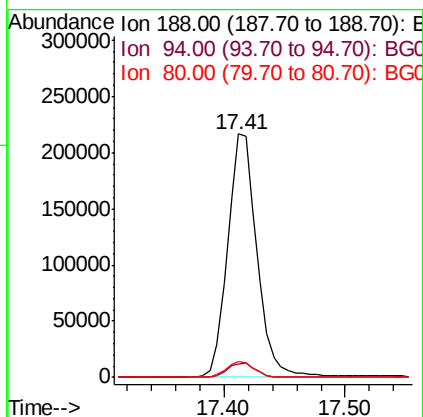
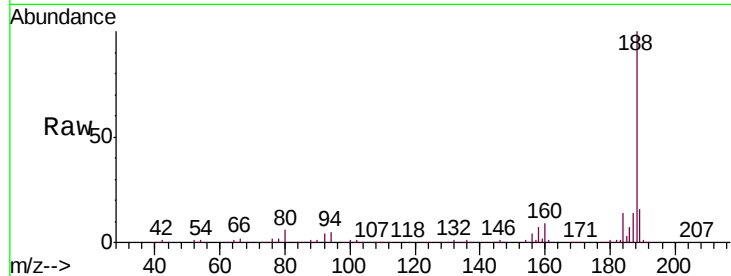




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042407.D
Acq: 22 Aug 2019 18:58

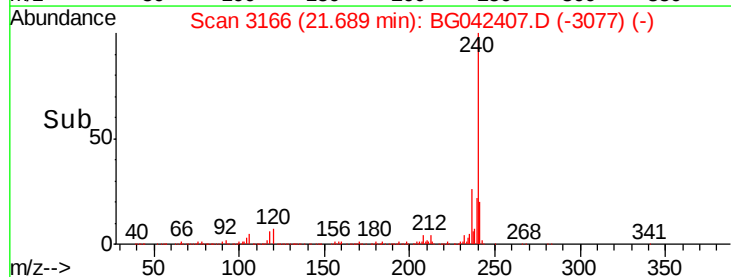
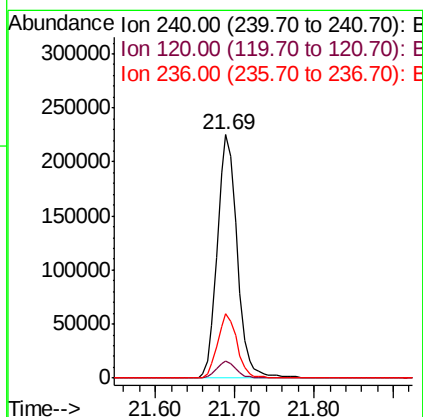
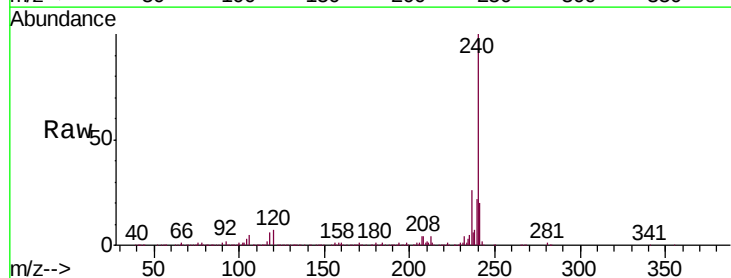
Instrument :
BNA_G
ClientSampleId :
PB122408BL

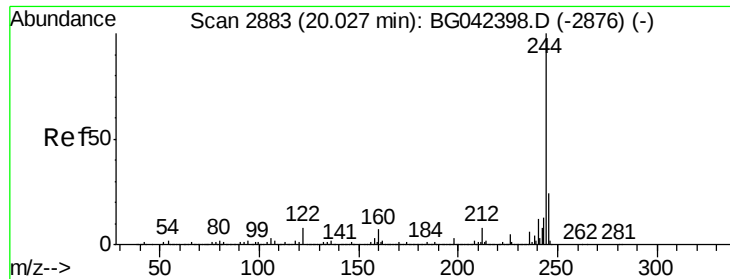
Tot Ion:188 Resp: 364674
Ion Ratio Lower Upper
188 100
94 5.5 4.5 6.7
80 6.5 4.9 7.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042407.D
Acq: 22 Aug 2019 18:58

Tgt Ion:240 Resp: 392226
Ion Ratio Lower Upper
240 100
120 6.8 5.7 8.5
236 26.4 21.0 31.4





#79

Terphenyl-d14

Concen: 81.689 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042407.D

Acq: 22 Aug 2019 18:58

Instrument :

BNA_G

ClientSampleId :

PB122408BL

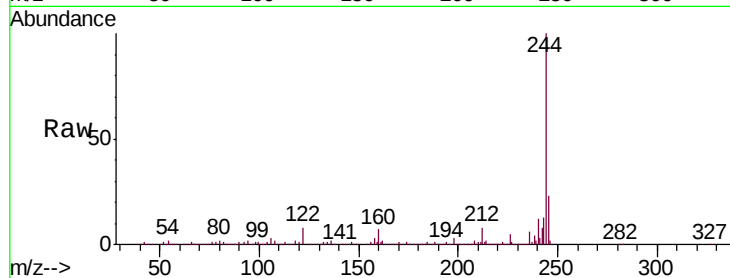
Tot Ion:244 Resp: 1482038

Ion Ratio Lower Upper

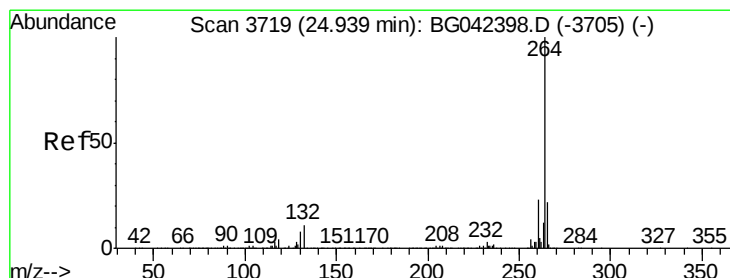
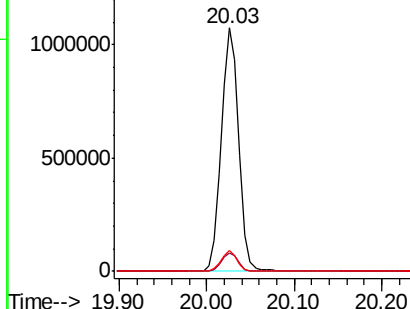
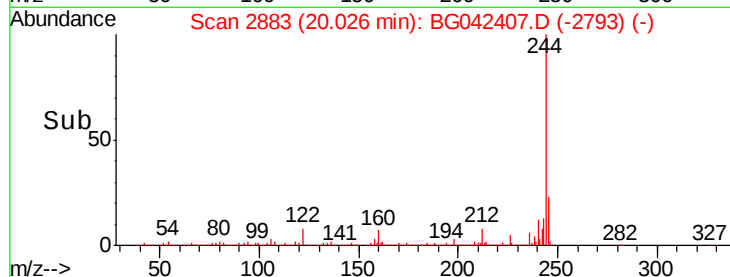
244 100

212 7.7 6.0 9.0

122 8.4 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: BG042407.D

Acq: 22 Aug 2019 18:58

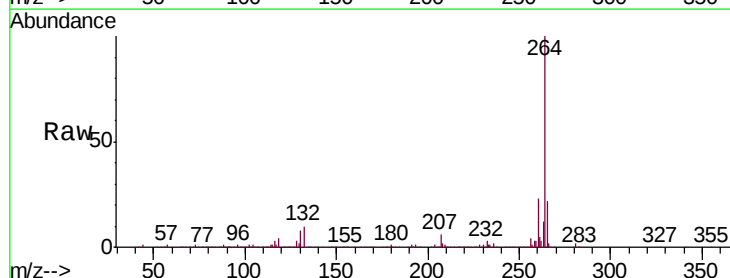
Tgt Ion:264 Resp: 451031

Ion Ratio Lower Upper

264 100

260 22.8 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

