

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
 Data File : BG042408.D
 Acq On : 22 Aug 2019 19:37
 Operator : HP/JU
 Sample : PB122408TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122408TB

Quant Time: Aug 23 03:52:11 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	58519	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	229251	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	167241	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	384809	20.00	ng	0.00
76) Chrysene-d12	21.69	240	412235	20.00	ng	0.00
87) Perylene-d12	24.94	264	477041	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	338494	117.15	ng	0.00
7) Phenol-d6	7.17	99	447863	114.75	ng	0.00
23) Nitrobenzene-d5	9.17	82	255656	77.06	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	243597	102.48	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	821923	83.12	ng	0.00
79) Terphenyl-d14	20.03	244	1468405	77.01	ng	0.00

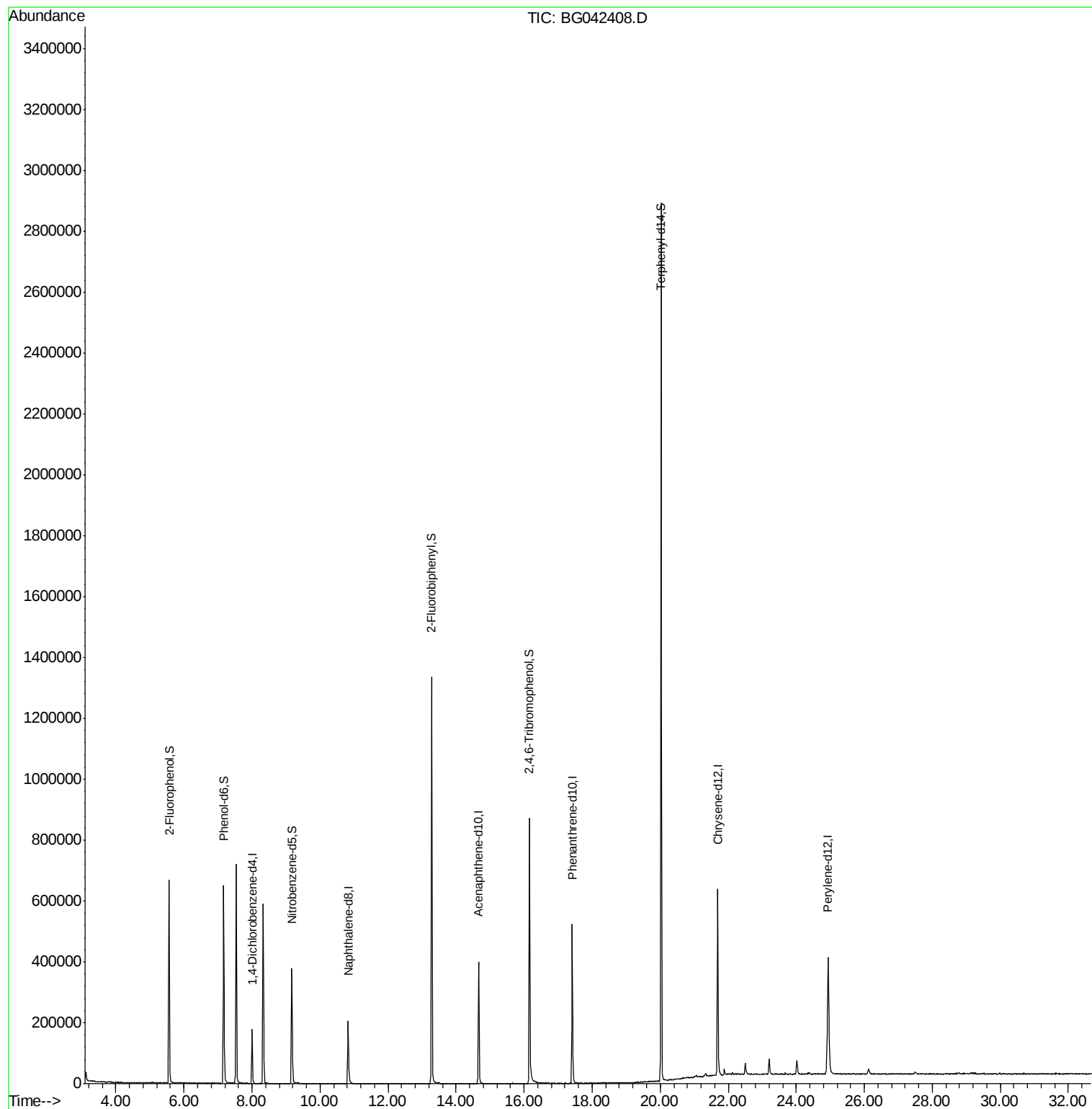
Target Compounds Qvalue

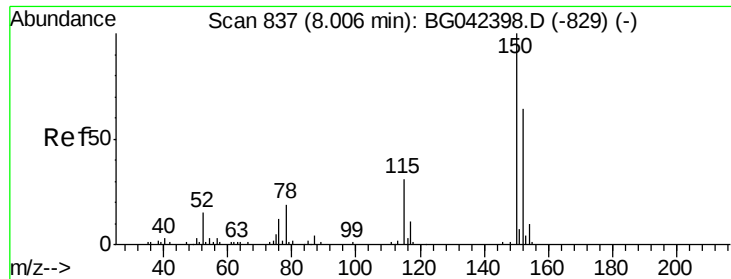
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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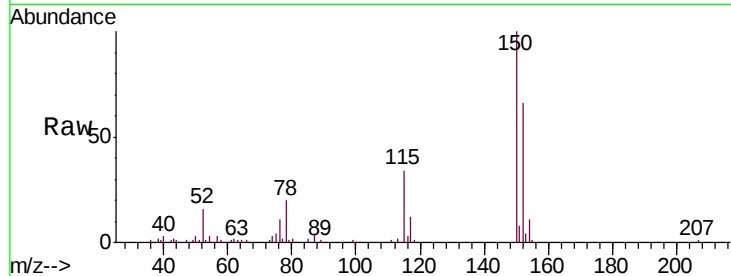


#1

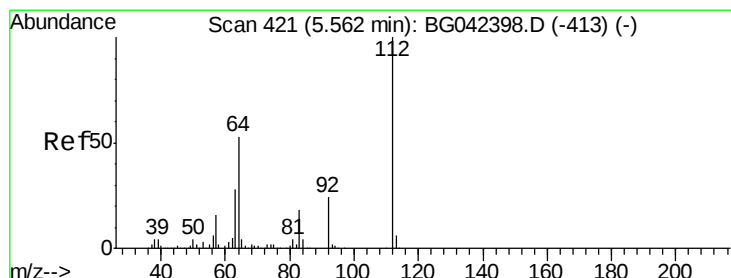
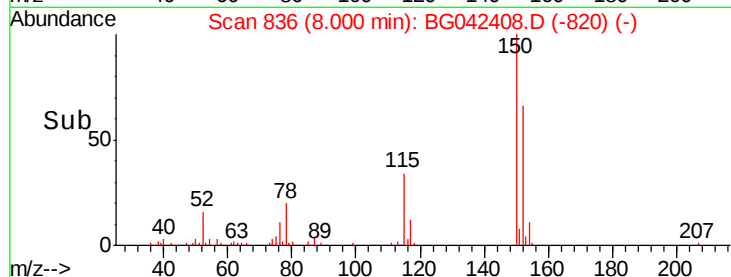
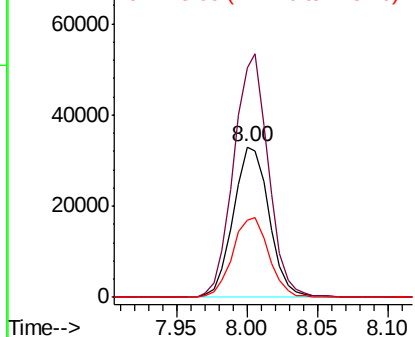
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042408.D
Acq: 22 Aug 2019 19:37

Instrument :
BNA_G
ClientSampleId :
PB122408TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	125.4	188.0
115	51.4	38.5	57.7



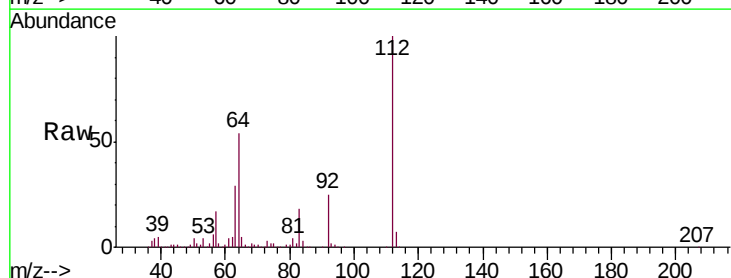
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



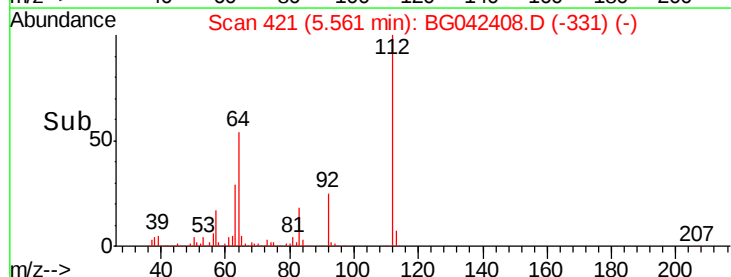
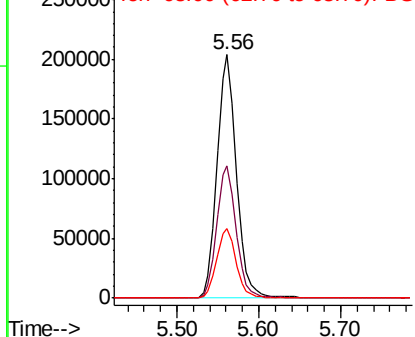
#5

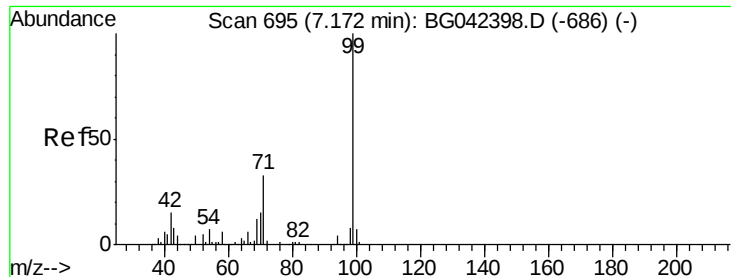
2-Fluorophenol
Concen: 117.150 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG042408.D
Acq: 22 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	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: 114.750 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042408.D

Acq: 22 Aug 2019 19:37

Instrument :

BNA_G

ClientSampleId :

PB122408TB

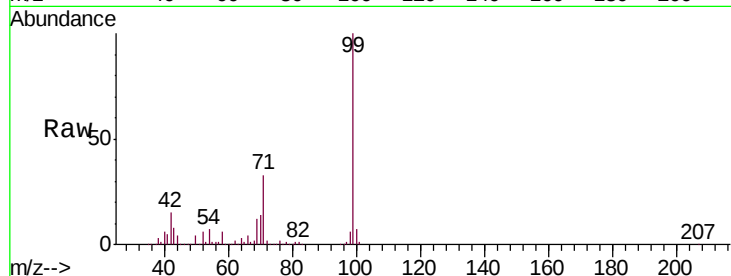
Tot Ion: 99 Resp: 447863

Ion Ratio Lower Upper

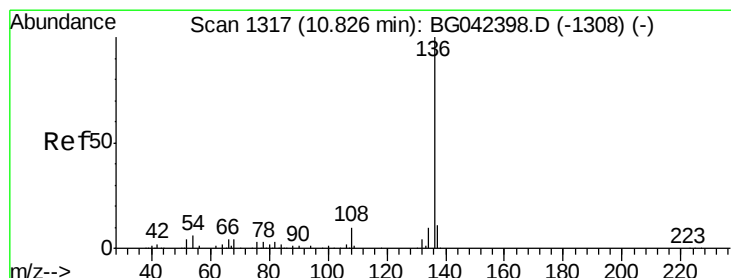
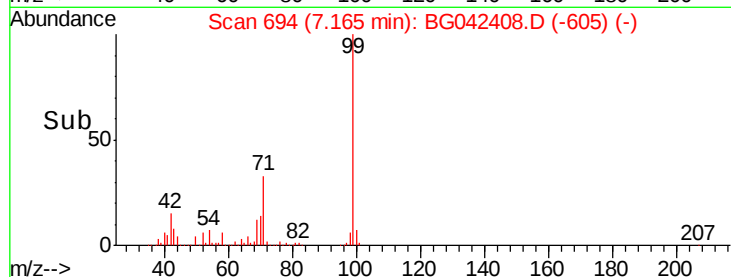
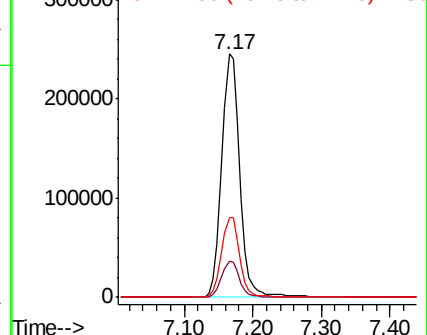
99 100

42 14.9 12.0 18.0

71 32.9 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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042408.D

Acq: 22 Aug 2019 19:37

Tgt Ion: 136 Resp: 229251

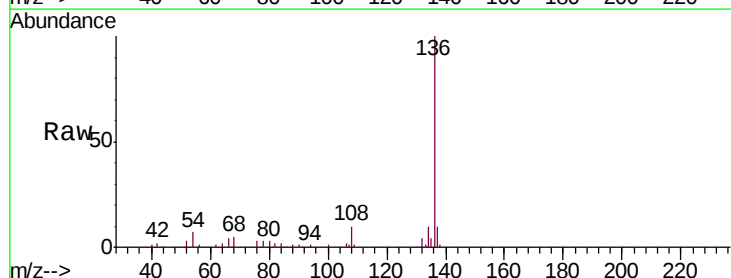
Ion Ratio Lower Upper

136 100

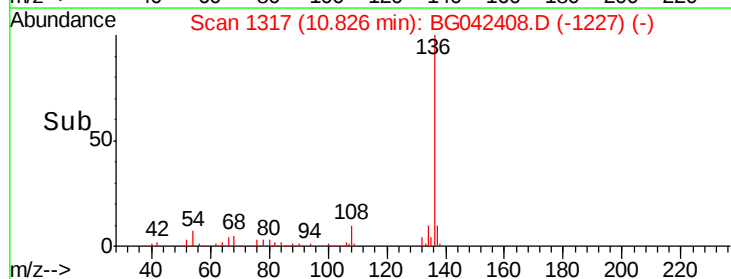
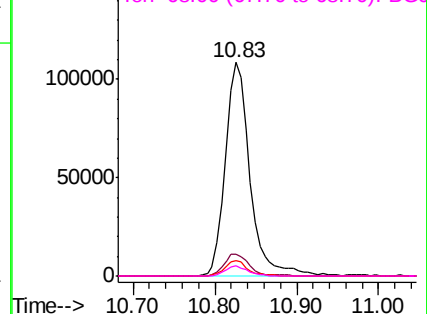
137 10.4 8.7 13.1

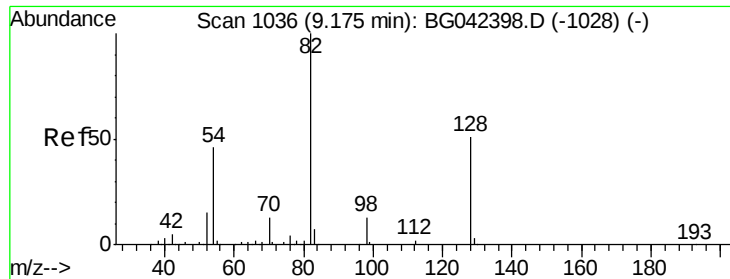
54 7.0 4.9 7.3

68 4.6 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

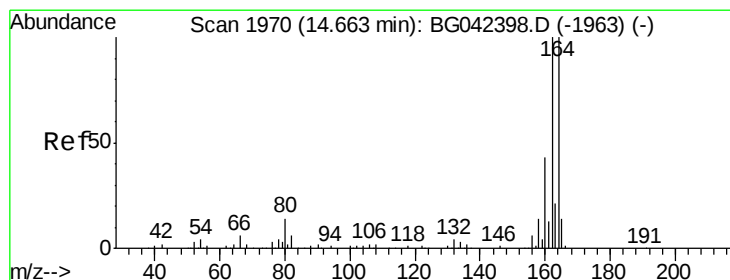
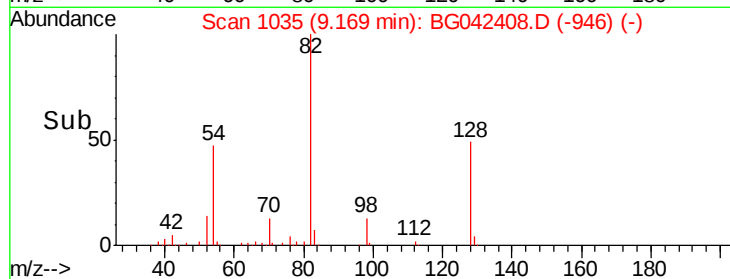
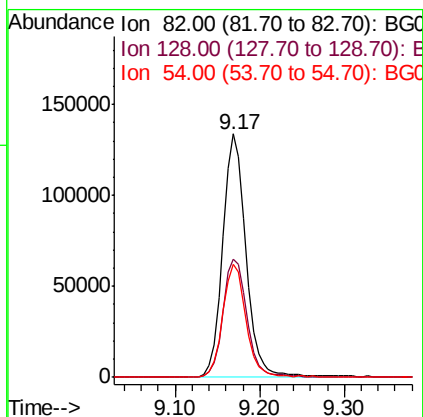
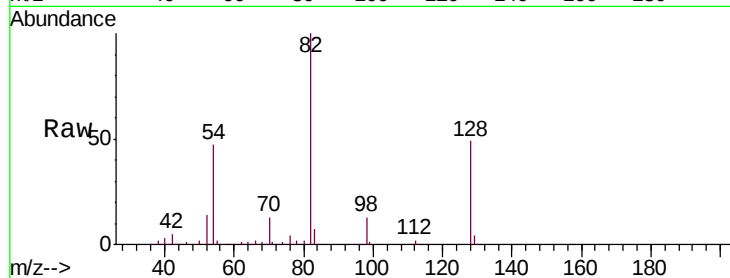




#23
Nitrobenzene-d5
Concen: 77.063 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042408.D
Acq: 22 Aug 2019 19:37

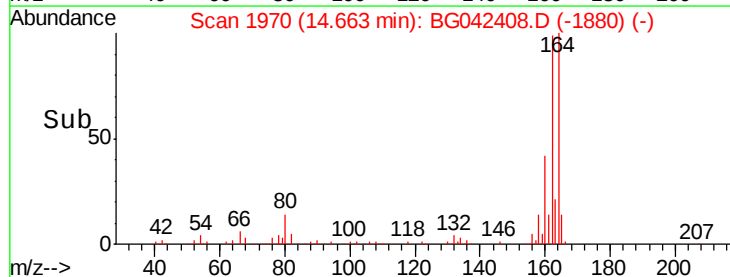
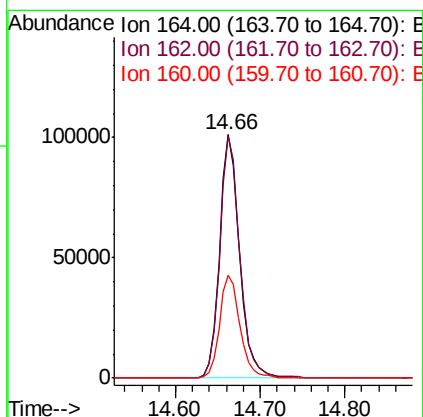
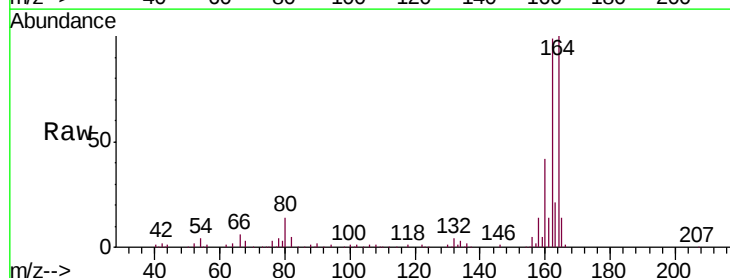
Instrument :
BNA_G
ClientSampleId :
PB122408TB

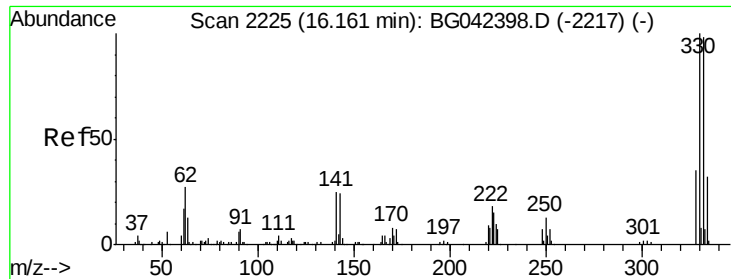
Tot Ion	82	Resp	255656
Ion Ratio	Lower	Upper	
82	100		
128	48.7	40.7	61.1
54	46.6	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042408.D
Acq: 22 Aug 2019 19:37

Tgt Ion	164	Resp	167241
Ion Ratio	Lower	Upper	
164	100		
162	99.3	79.9	119.9
160	42.4	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 102.478 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042408.D

Acq: 22 Aug 2019 19:37

Instrument :

BNA_G

ClientSampleId :

PB122408TB

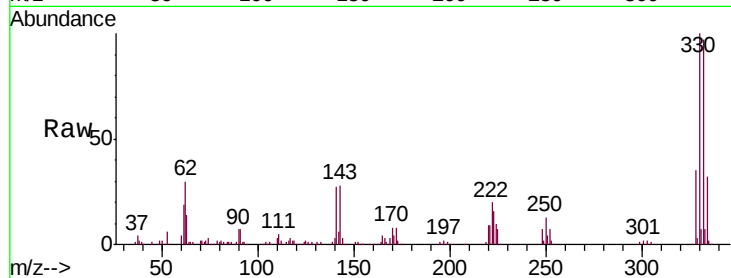
Tot Ion:330 Resp: 243597

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

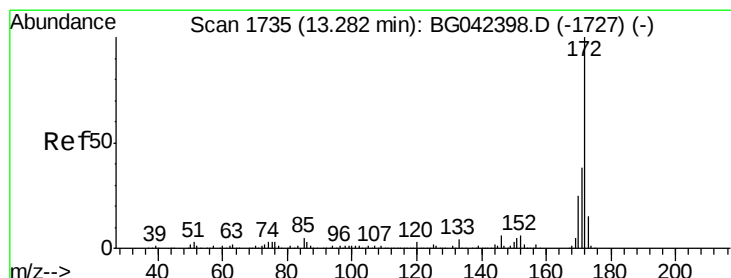
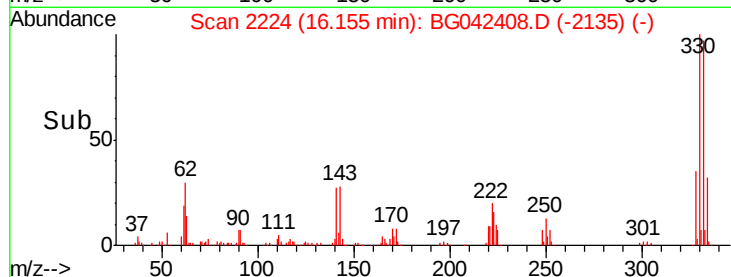
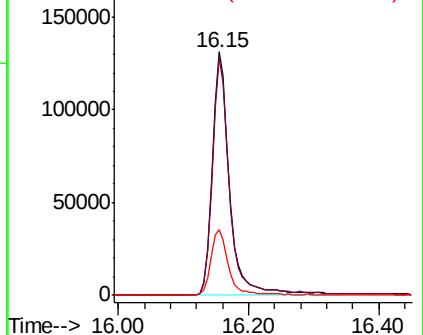
141 26.8 21.4 32.0



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: 83.120 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG042408.D

Acq: 22 Aug 2019 19:37

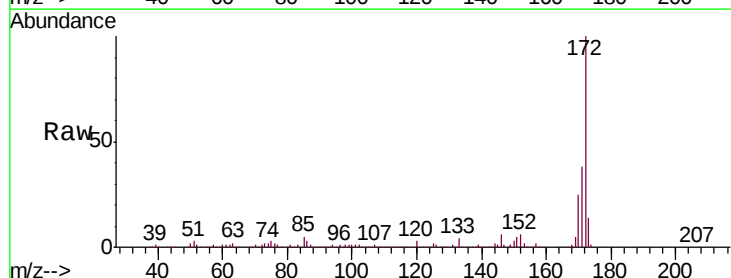
Tgt Ion:172 Resp: 821923

Ion Ratio Lower Upper

172 100

171 38.2 30.5 45.7

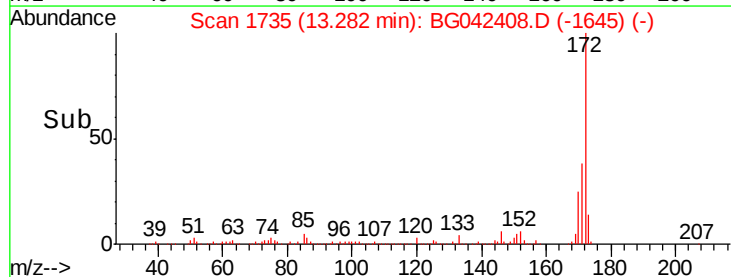
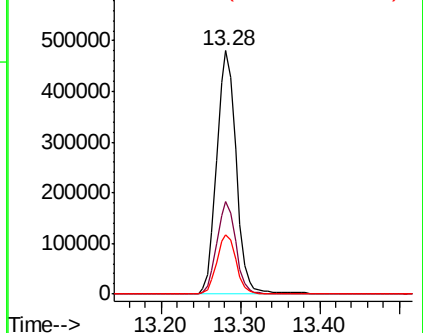
170 24.6 20.2 30.2

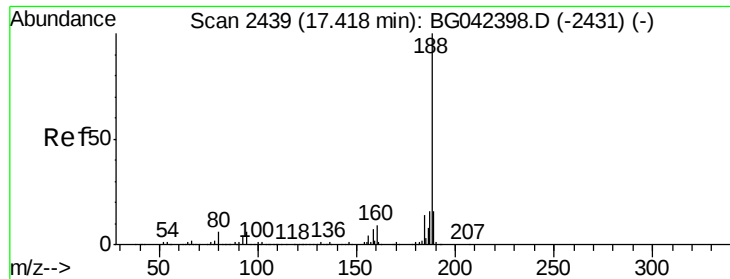


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG042408.D

Acq: 22 Aug 2019 19:37

Instrument :

BNA_G

ClientSampleId :

PB122408TB

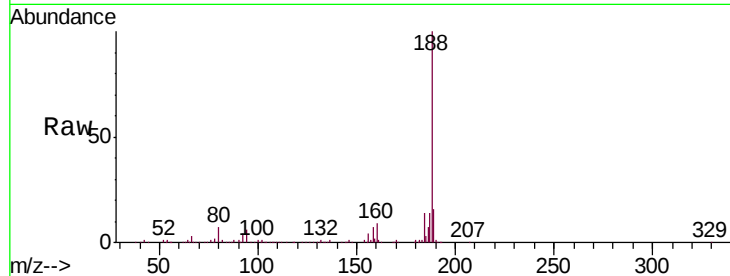
Tot Ion:188 Resp: 384809

Ion Ratio Lower Upper

188 100

94 6.3 4.5 6.7

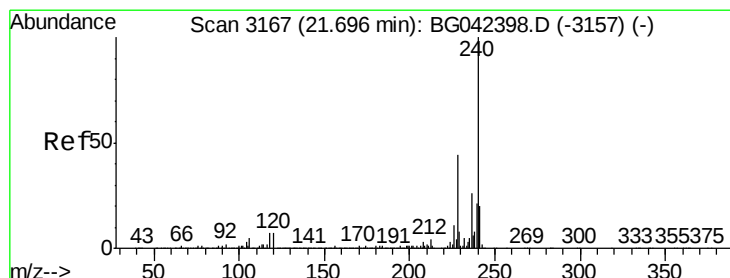
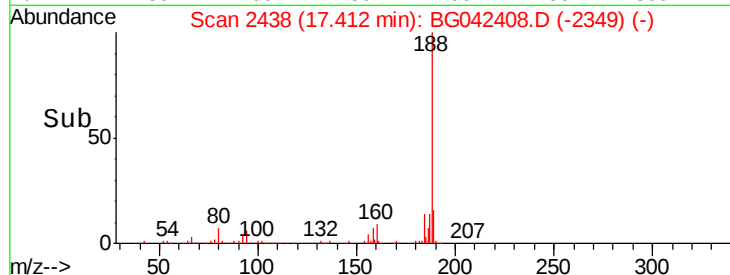
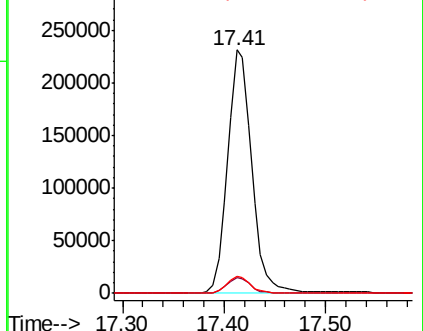
80 6.8 4.9 7.3



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: BG042408.D

Acq: 22 Aug 2019 19:37

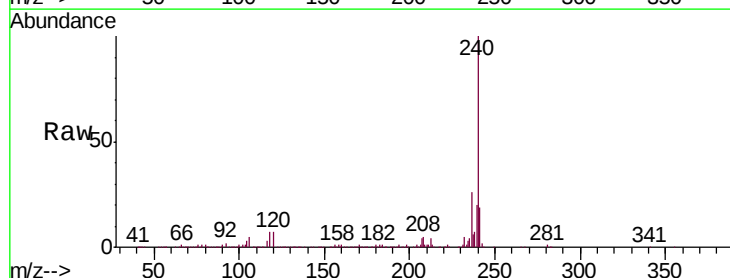
Tgt Ion:240 Resp: 412235

Ion Ratio Lower Upper

240 100

120 7.2 5.7 8.5

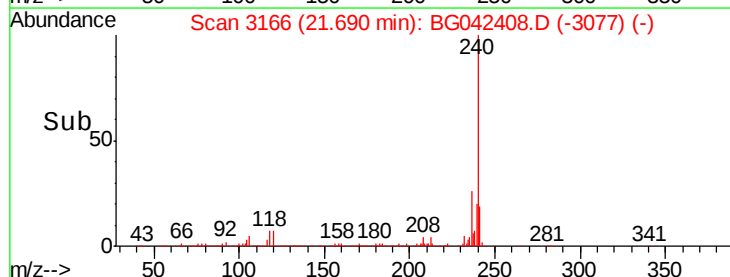
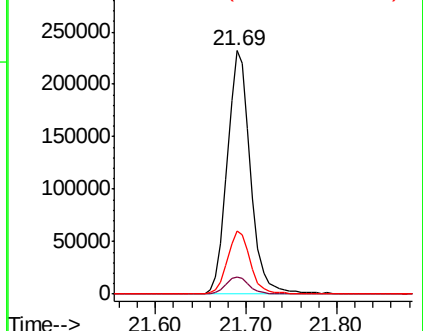
236 25.8 21.0 31.4

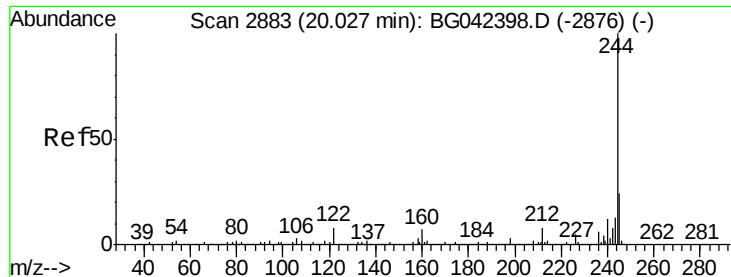


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.009 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042408.D

Acq: 22 Aug 2019 19:37

Instrument :

BNA_G

ClientSampled :

PB122408TB

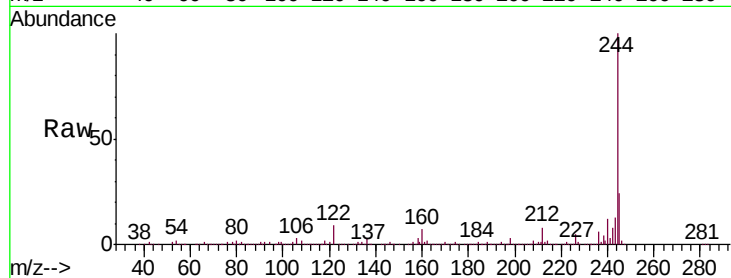
Tot Ion:244 Resp: 1468405

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

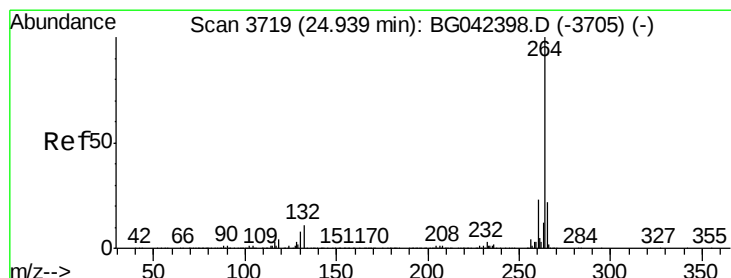
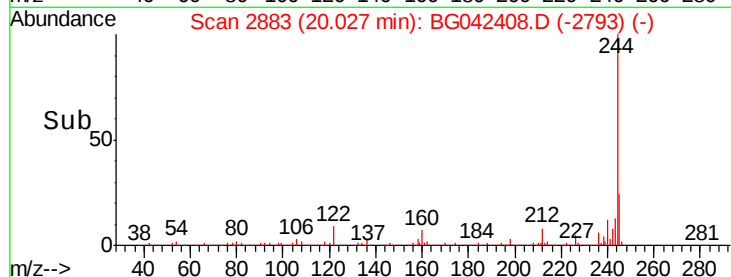
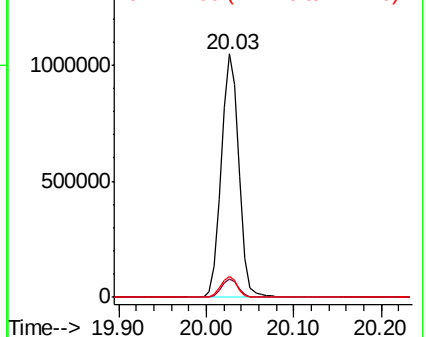
122 8.7 6.7 10.1



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: BG042408.D

Acq: 22 Aug 2019 19:37

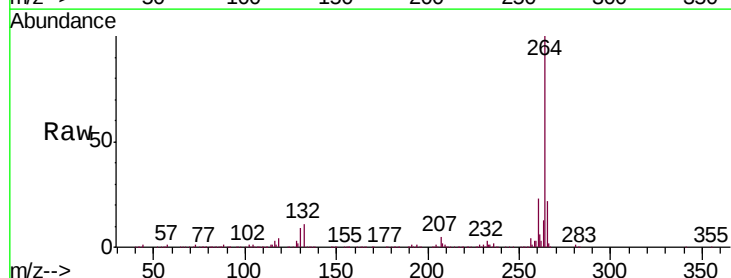
Tgt Ion:264 Resp: 477041

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 21.9 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

