

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\
 Data File : BG042501.D
 Acq On : 26 Aug 2019 15:40
 Operator : HP/JU
 Sample : PB122533BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122533BL

Quant Time: Aug 27 02:16:53 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	54891	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	218852	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	155654	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	366823	20.00	ng	0.00
76) Chrysene-d12	21.68	240	422605	20.00	ng	-0.01
87) Perylene-d12	24.93	264	492081	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	336980	124.33	ng	0.00
7) Phenol-d6	7.17	99	446049	121.84	ng	0.00
23) Nitrobenzene-d5	9.16	82	253735	80.12	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	237685	107.43	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	795120	86.40	ng	0.00
79) Terphenyl-d14	20.02	244	1502424	76.86	ng	0.00

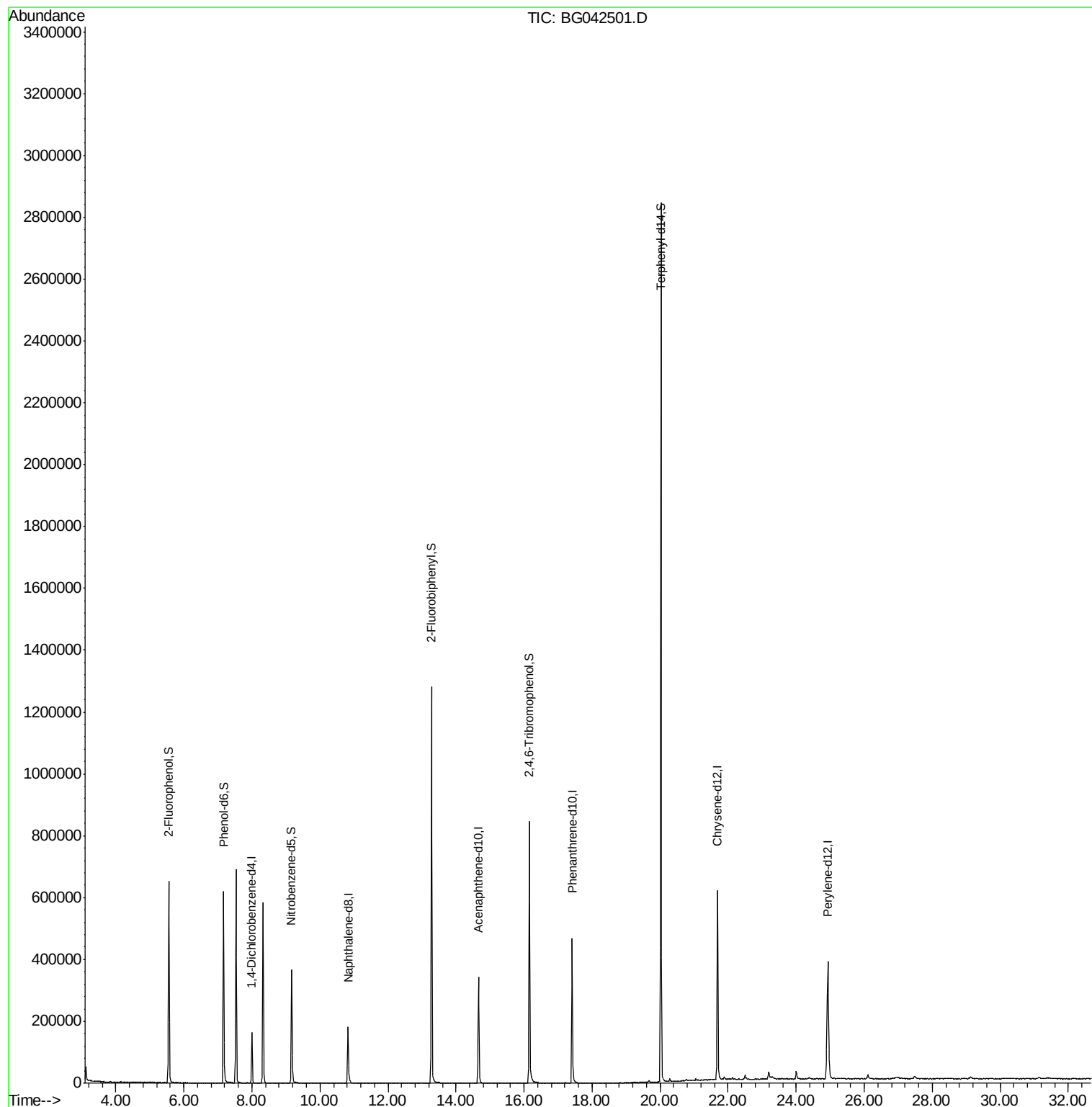
Target Compounds Qvalue

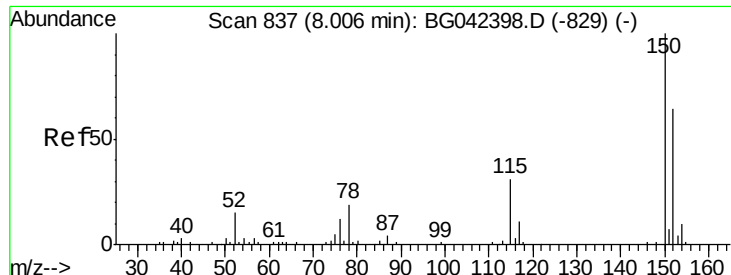
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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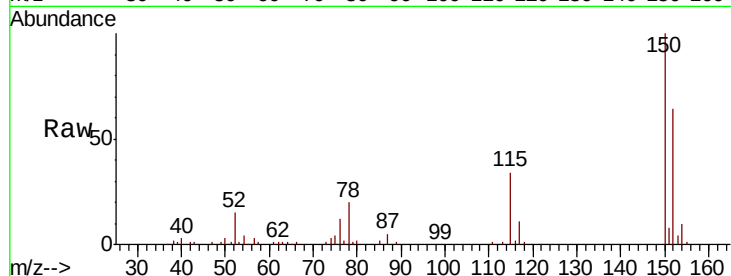


#1

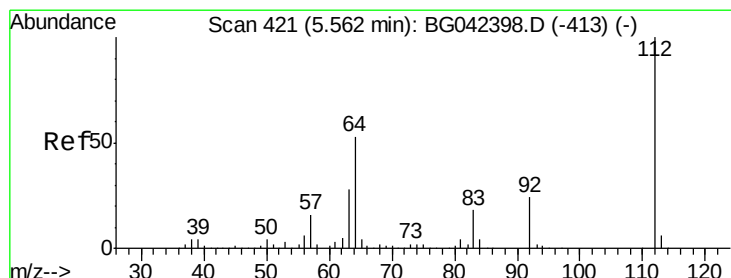
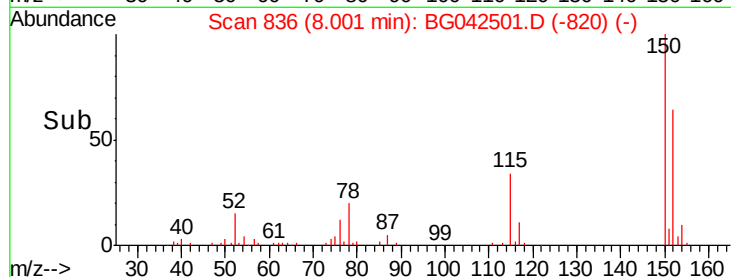
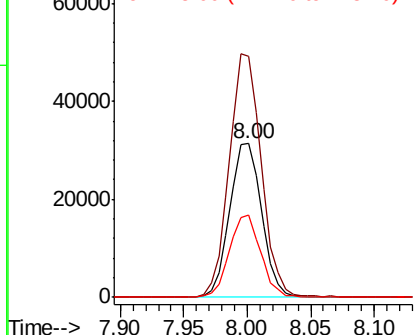
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042501.D
Acq: 26 Aug 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB122533BL

Tot Ion:152 Resp: 54891
Ion Ratio Lower Upper
152 100
150 156.9 125.4 188.0
115 53.7 38.5 57.7



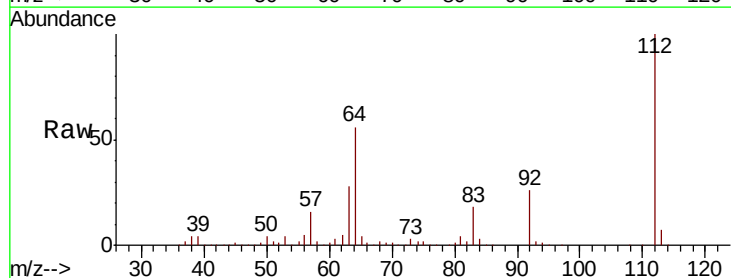
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



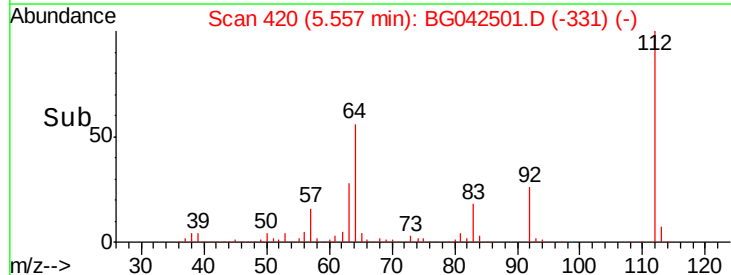
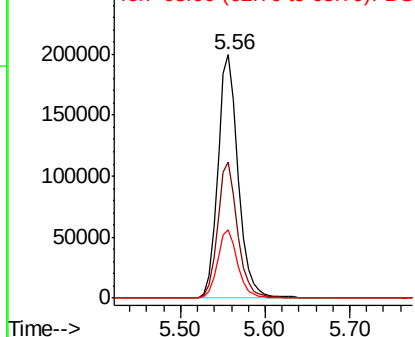
#5

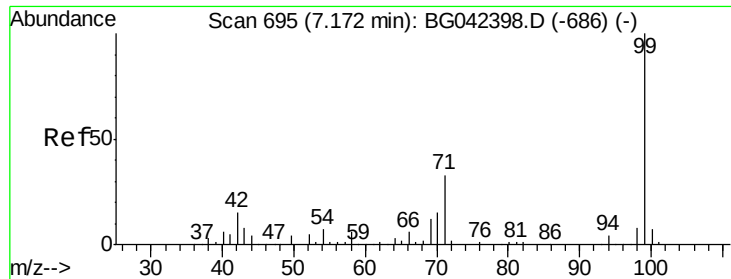
2-Fluorophenol
Concen: 124.334 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042501.D
Acq: 26 Aug 2019 15:40

Tgt Ion:112 Resp: 336980
Ion Ratio Lower Upper
112 100
64 56.0 42.8 64.2
63 27.9 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: 121.839 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042501.D

Acq: 26 Aug 2019 15:40

Instrument :

BNA_G

ClientSampleId :

PB122533BL

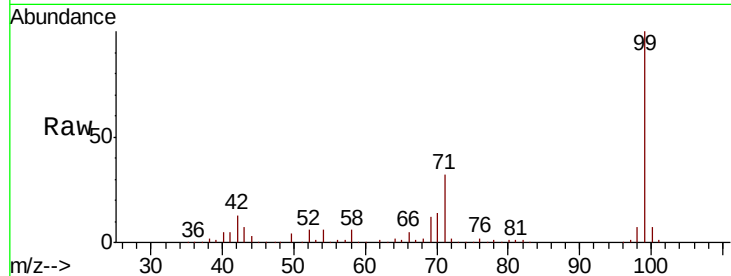
Tot Ion: 99 Resp: 446049

Ion Ratio Lower Upper

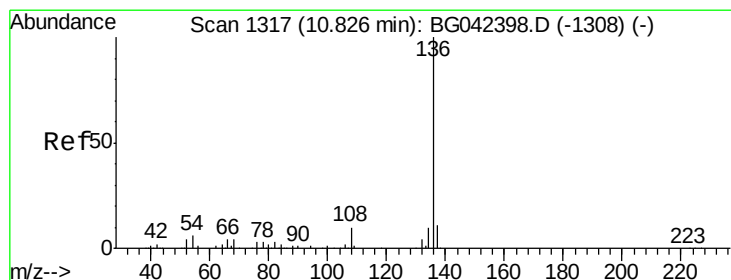
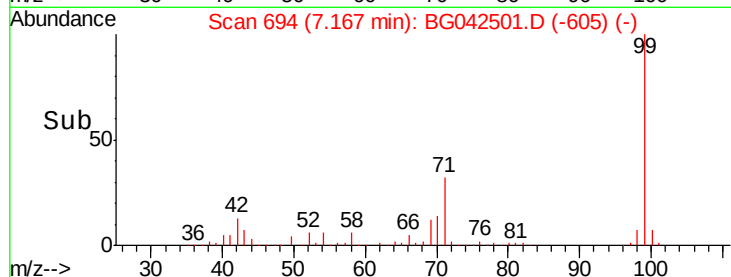
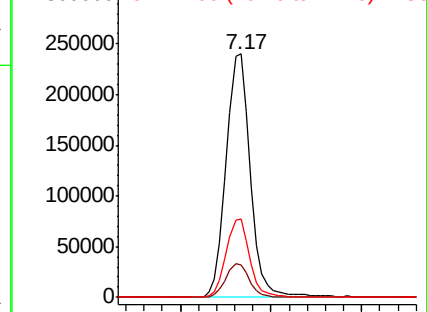
99 100

42 13.1 12.0 18.0

71 32.1 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: BG042501.D

Acq: 26 Aug 2019 15:40

Tgt Ion: 136 Resp: 218852

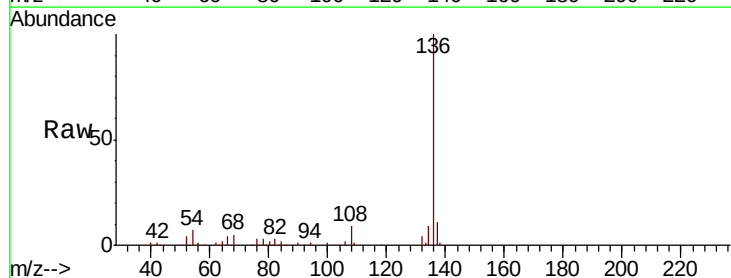
Ion Ratio Lower Upper

136 100

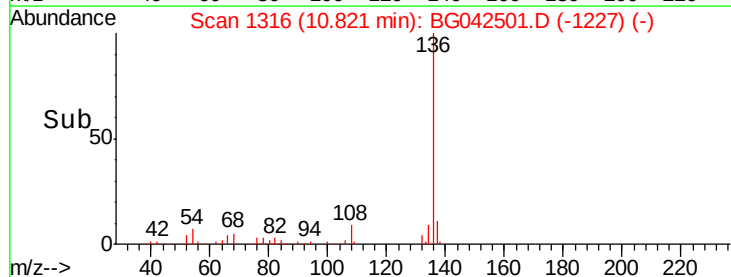
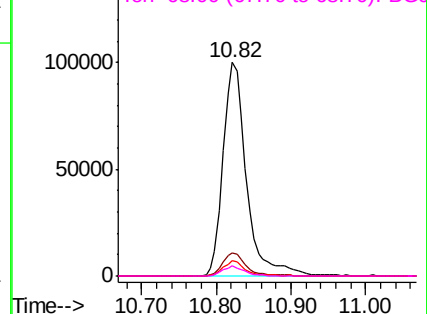
137 10.8 8.7 13.1

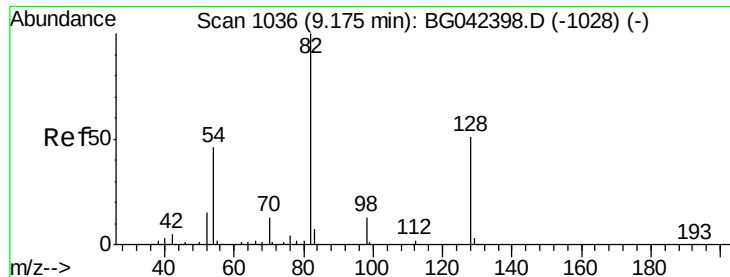
54 7.0 4.9 7.3

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

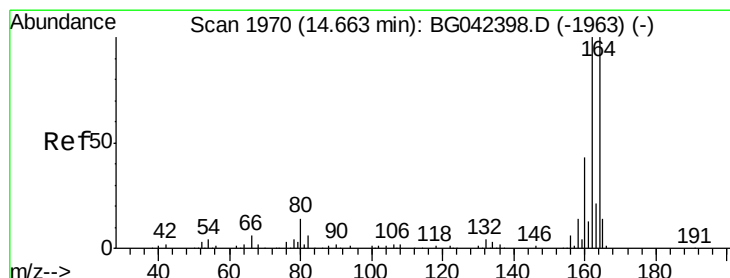
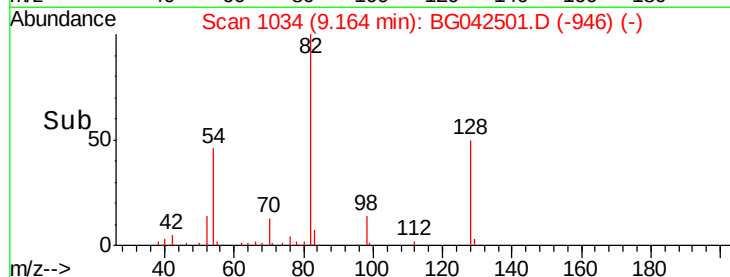
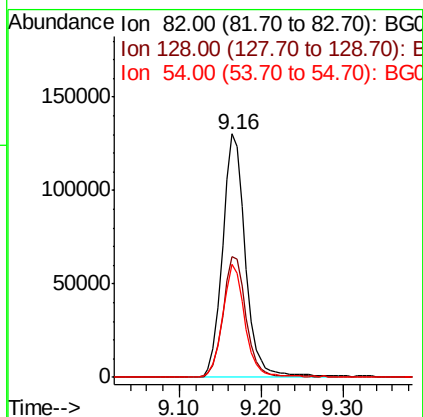
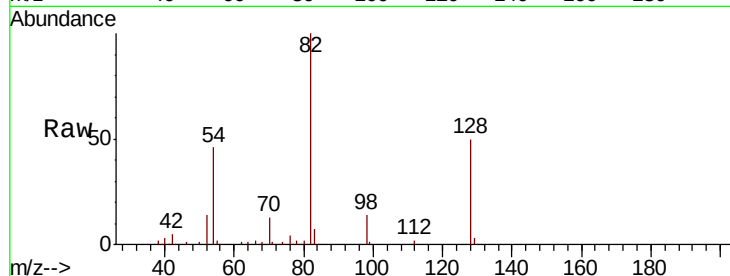




#23
 Nitrobenzene-d5
 Concen: 80.119 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042501.D
 Acq: 26 Aug 2019 15:40

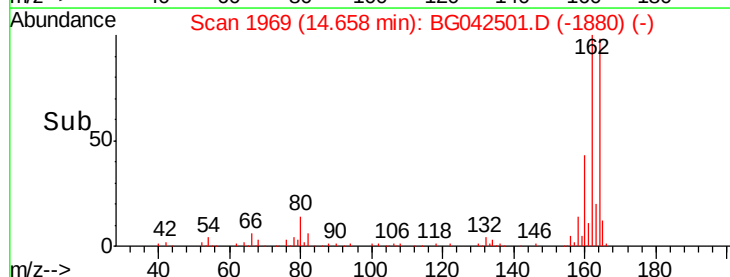
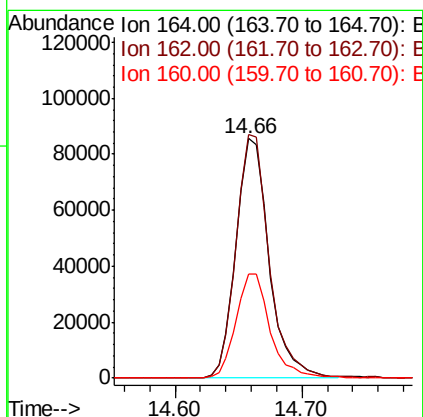
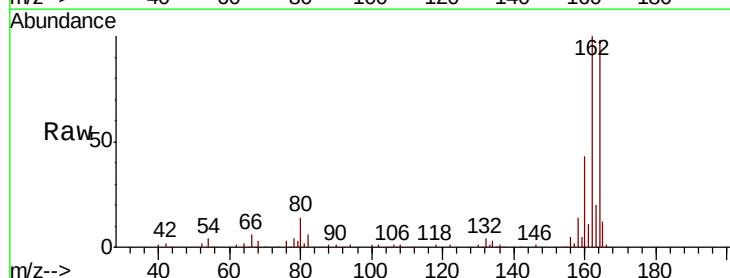
Instrument :
 BNA_G
 ClientSampleId :
 PB122533BL

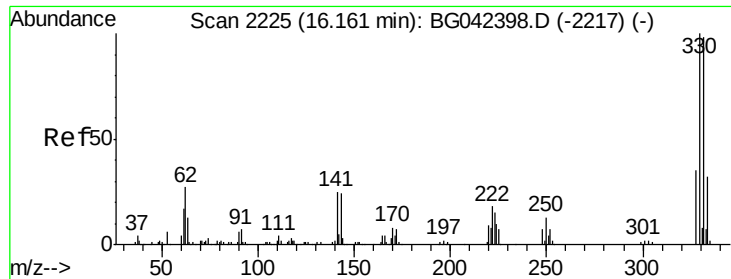
Tot Ion	82	Resp	253735
Ion Ratio	Lower	Upper	
82	100		
128	49.6	40.7	61.1
54	46.4	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042501.D
 Acq: 26 Aug 2019 15:40

Tgt Ion	164	Resp	155654
Ion Ratio	Lower	Upper	
164	100		
162	101.7	79.9	119.9
160	43.3	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 107.435 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042501.D

Acq: 26 Aug 2019 15:40

Instrument :

BNA_G

ClientSampleId :

PB122533BL

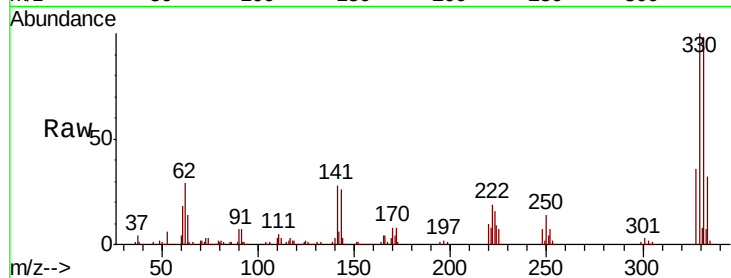
Tot Ion:330 Resp: 237685

Ion Ratio Lower Upper

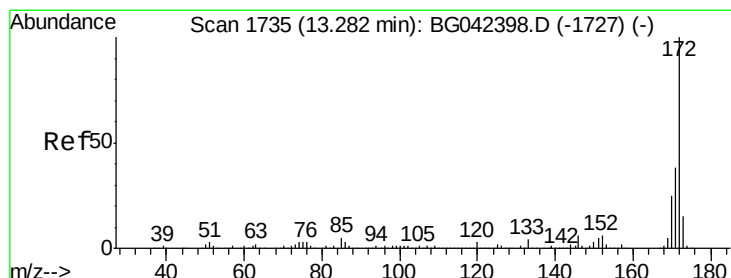
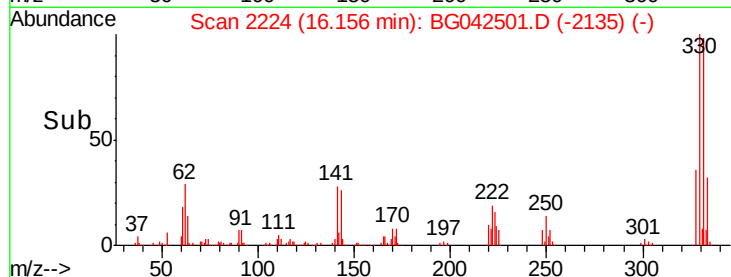
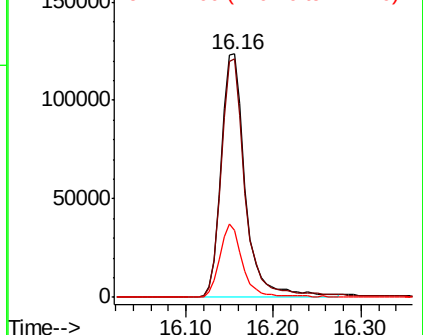
330 100

332 98.1 77.4 116.0

141 28.4 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: 86.395 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG042501.D

Acq: 26 Aug 2019 15:40

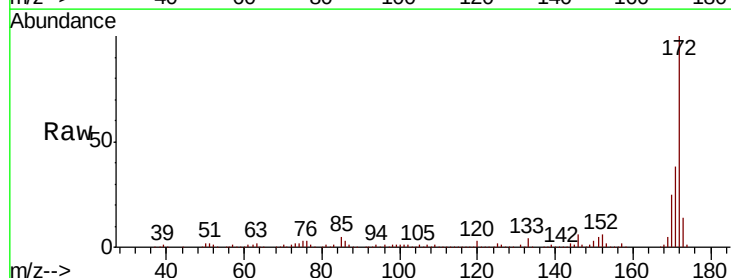
Tgt Ion:172 Resp: 795120

Ion Ratio Lower Upper

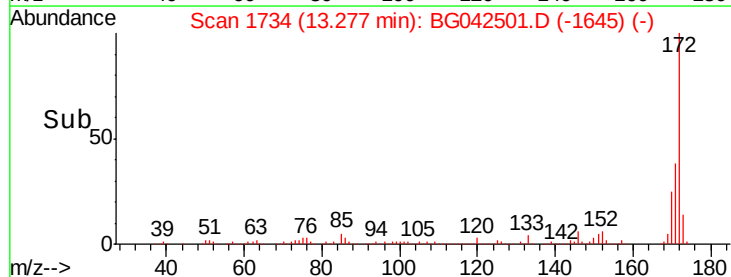
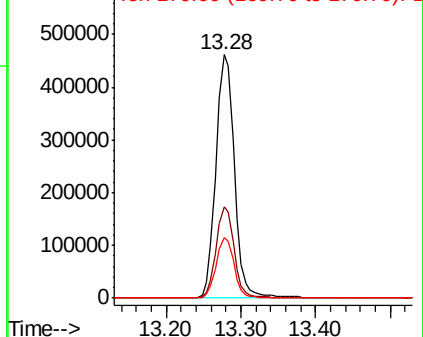
172 100

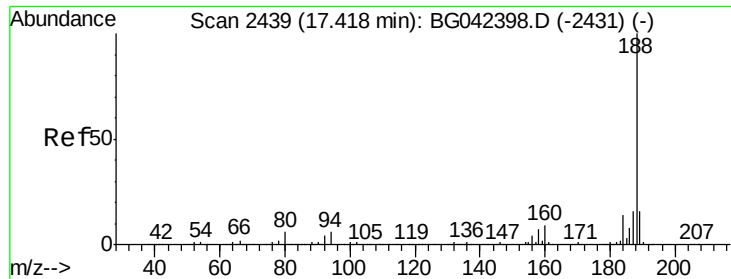
171 37.7 30.5 45.7

170 24.8 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

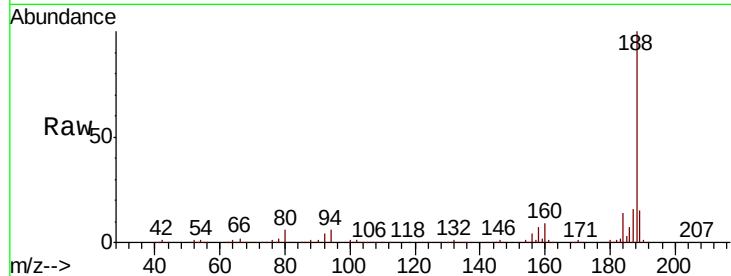




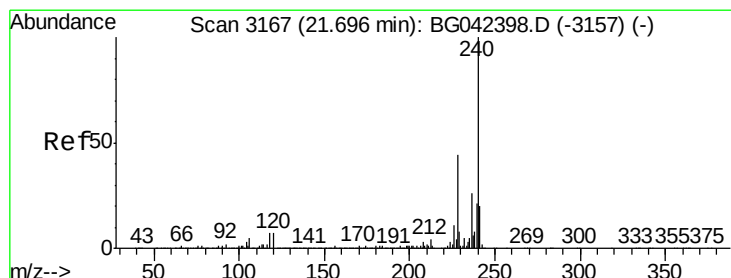
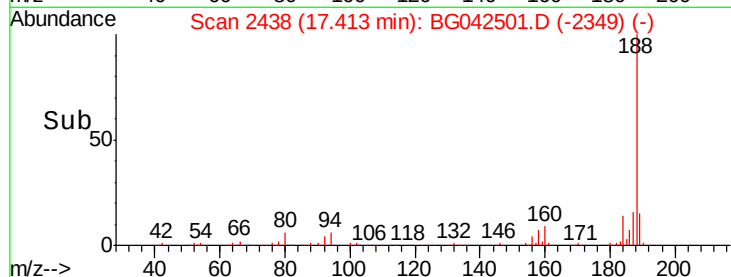
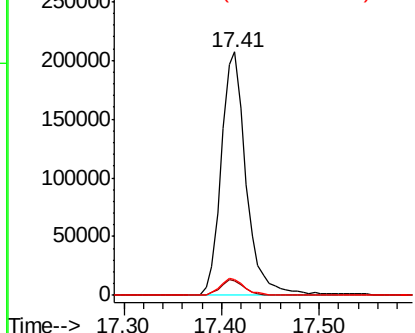
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG042501.D
Acq: 26 Aug 2019 15:40

Instrument :
BNA_G
ClientSampleId :
PB122533BL

Tot Ion:188 Resp: 366823
Ion Ratio Lower Upper
188 100
94 6.0 4.5 6.7
80 6.5 4.9 7.3

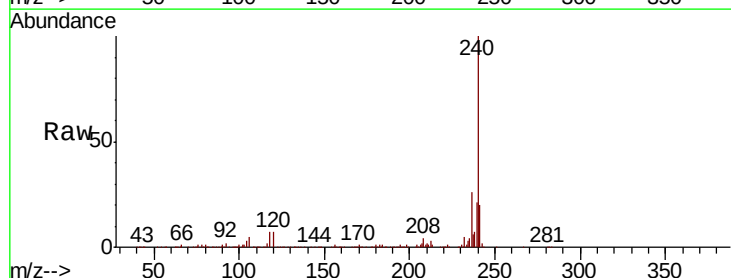


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

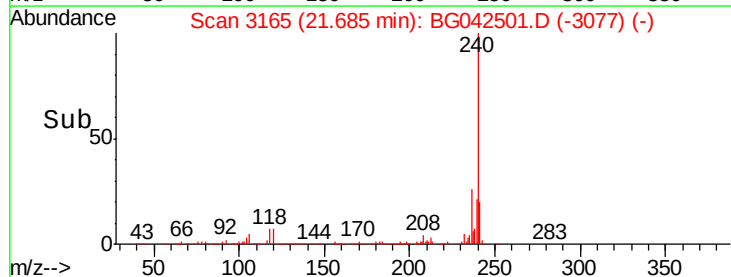
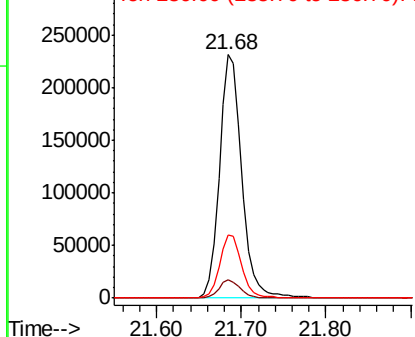


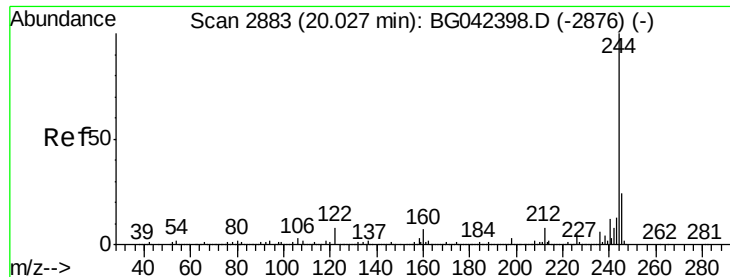
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042501.D
Acq: 26 Aug 2019 15:40

Tgt Ion:240 Resp: 422605
Ion Ratio Lower Upper
240 100
120 7.5 5.7 8.5
236 26.0 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: 76.859 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042501.D

Acq: 26 Aug 2019 15:40

Instrument :

BNA_G

ClientSampleId :

PB122533BL

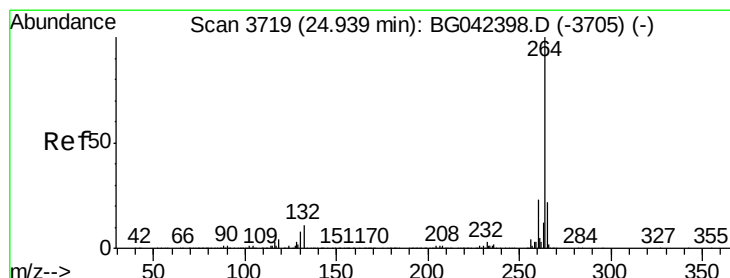
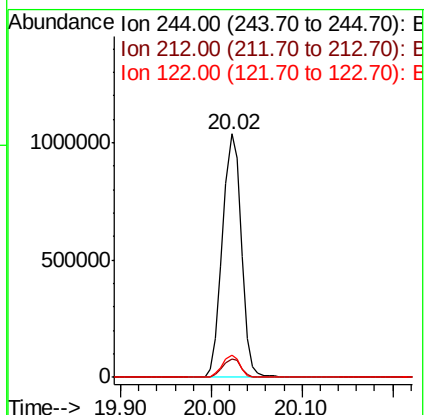
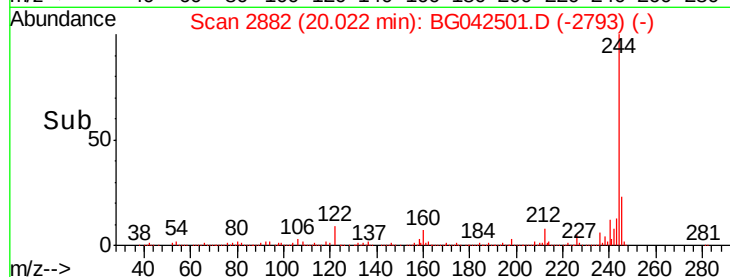
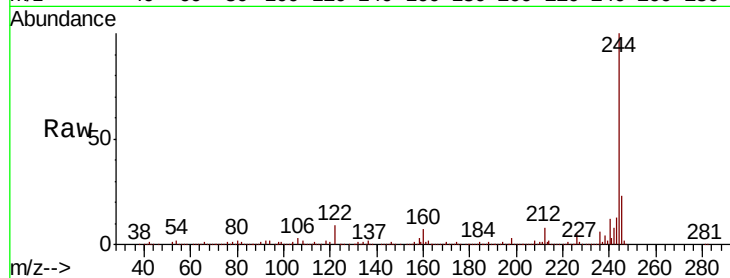
Tot Ion:244 Resp: 1502424

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 8.9 6.7 10.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042501.D

Acq: 26 Aug 2019 15:40

Tgt Ion:264 Resp: 492081

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 22.4 17.6 26.4

