

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042337.D
 Acq On : 19 Aug 2019 21:48
 Operator : HP/JU
 Sample : K4237-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-05(0-2)

Quant Time: Aug 20 06:41:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

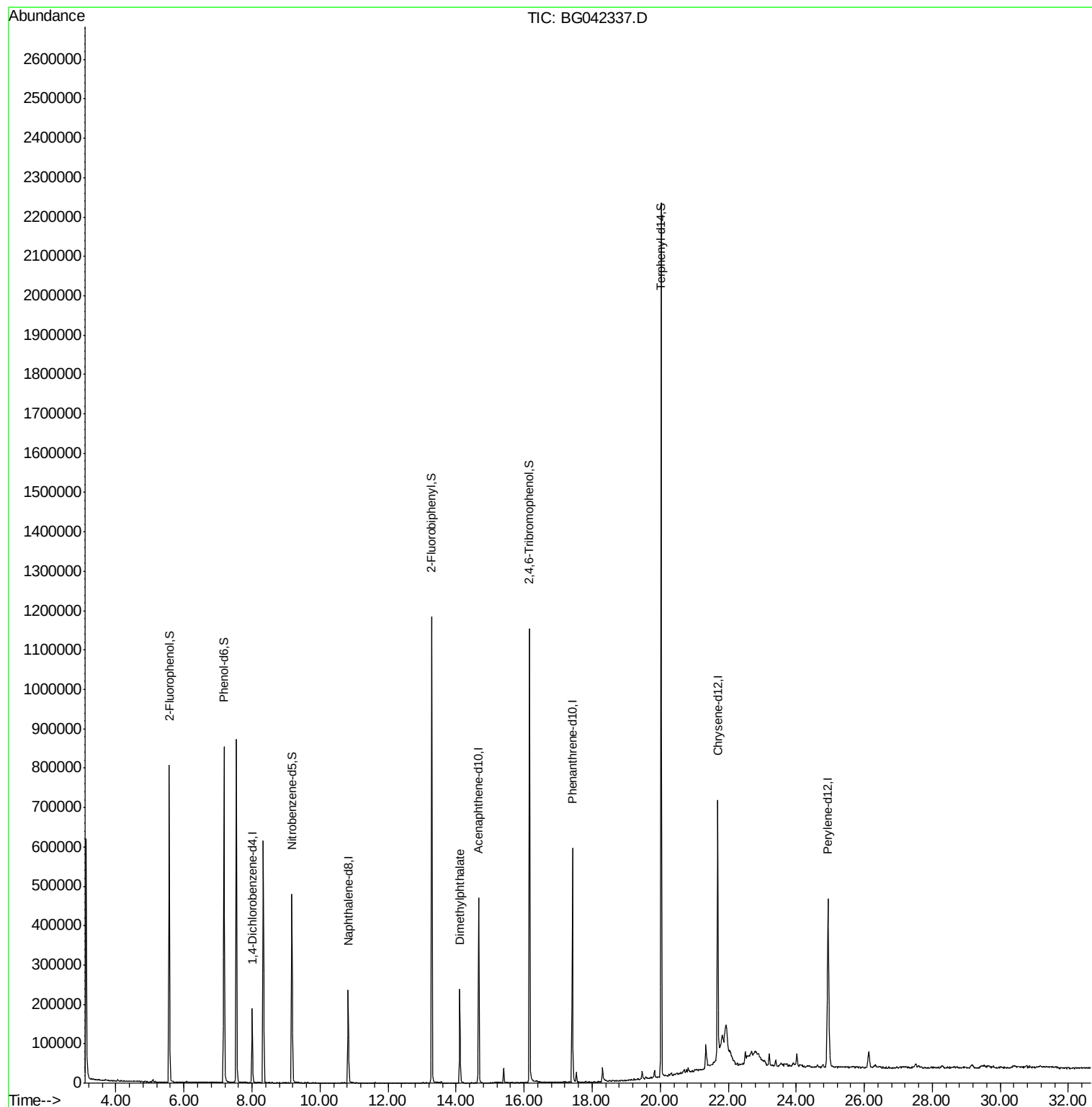
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	63092	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	245866	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	182827	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	406051	20.00	ng	0.00
76) Chrysene-d12	21.69	240	414263	20.00	ng	0.00
87) Perylene-d12	24.93	264	490633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	409307	131.44	ng	0.00
7) Phenol-d6	7.18	99	571716	135.18	ng	0.01
23) Nitrobenzene-d5	9.18	82	314555	89.98	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	286271	114.97	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	718238	66.48	ng	0.00
79) Terphenyl-d14	20.03	244	1114051	58.90	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	201413	15.504	ng	Qvalue 98

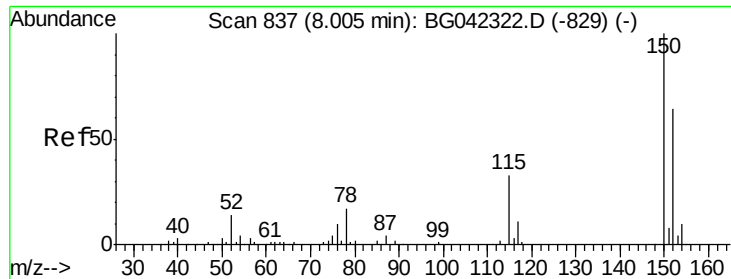
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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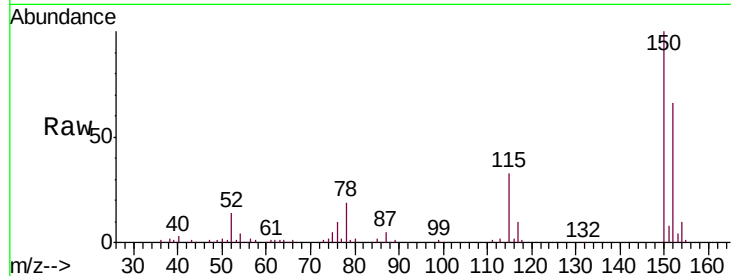


#1

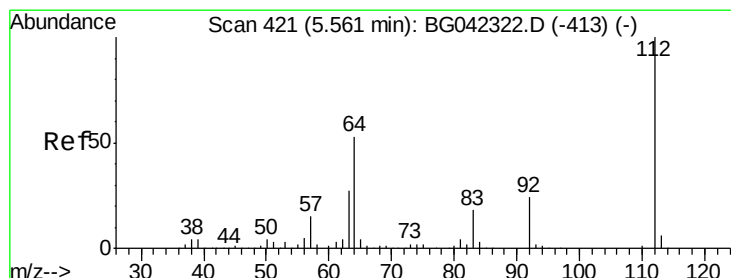
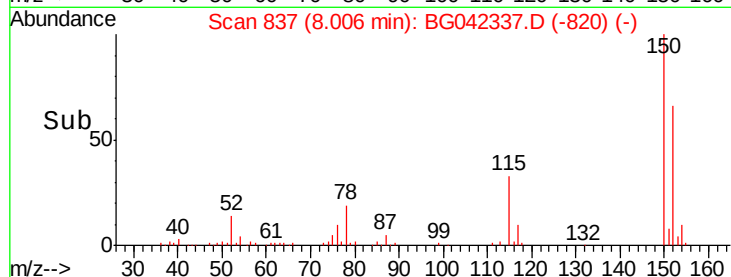
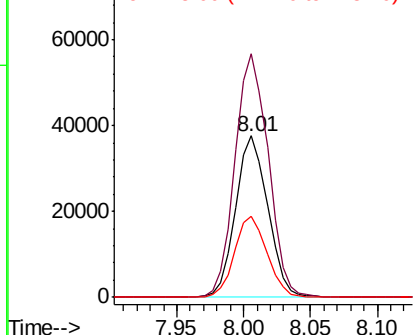
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042337.D
Acq: 19 Aug 2019 21:48

Instrument :
BNA_G
ClientSampleId :
SB-05(0-2)

Tot Ion:152 Resp: 63092
Ion Ratio Lower Upper
152 100
150 151.0 124.3 186.5
115 50.4 40.5 60.7



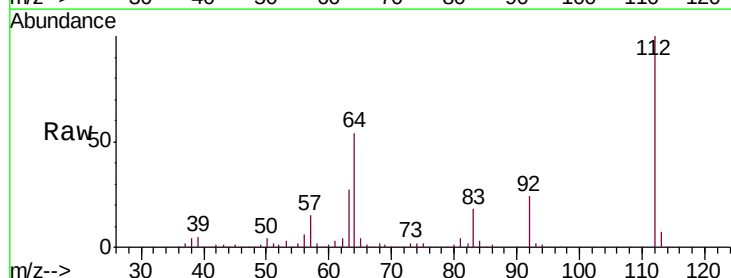
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



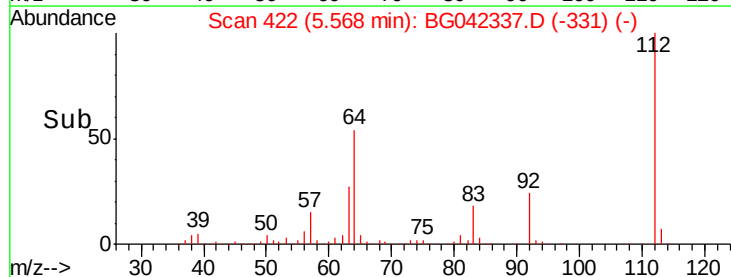
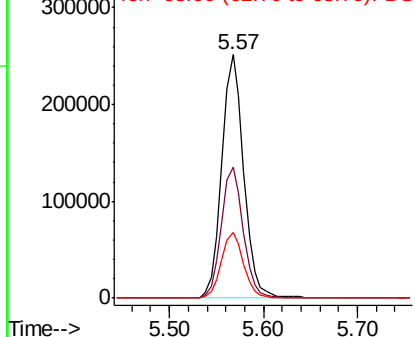
#5

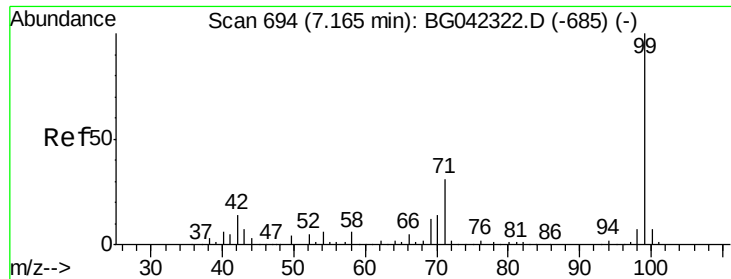
2-Fluorophenol
Concen: 131.442 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042337.D
Acq: 19 Aug 2019 21:48

Tgt Ion:112 Resp: 409307
Ion Ratio Lower Upper
112 100
64 53.7 42.5 63.7
63 27.1 21.7 32.5



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: 135.185 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042337.D

Acq: 19 Aug 2019 21:48

Instrument :

BNA_G

ClientSampleId :

SB-05(0-2)

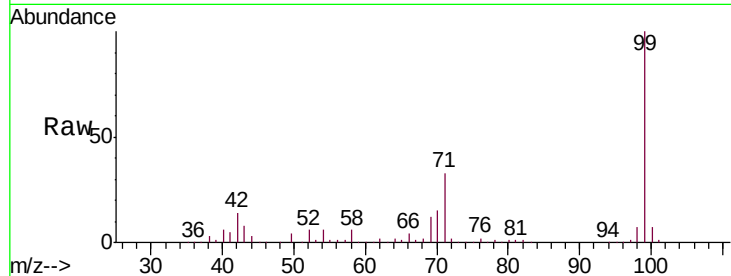
Tot Ion: 99 Resp: 571716

Ion Ratio Lower Upper

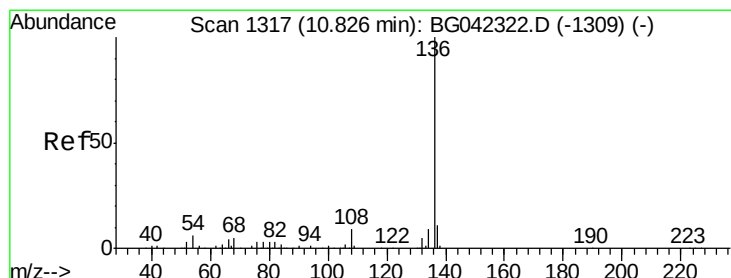
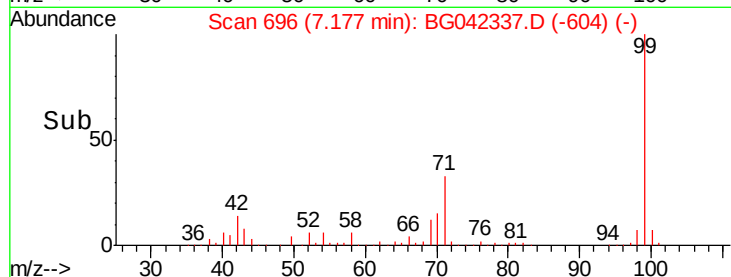
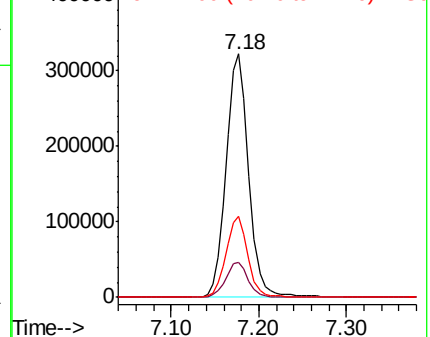
99 100

42 14.1 11.4 17.0

71 33.2 25.1 37.7



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: BG042337.D

Acq: 19 Aug 2019 21:48

Tgt Ion: 136 Resp: 245866

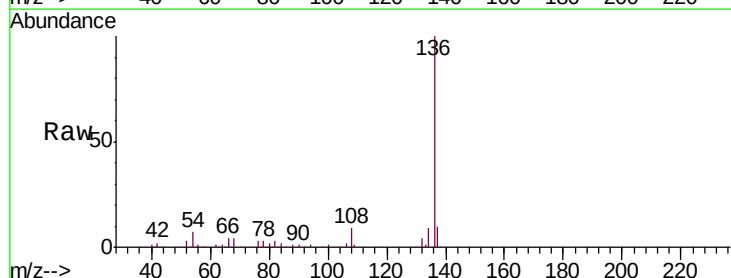
Ion Ratio Lower Upper

136 100

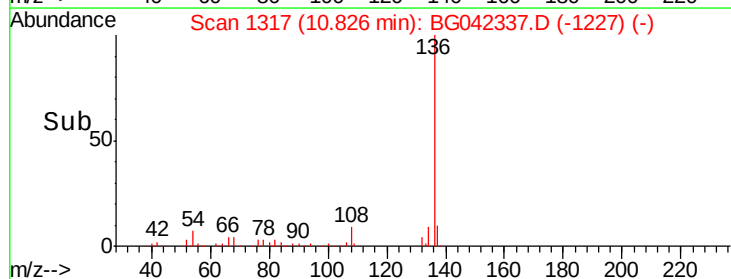
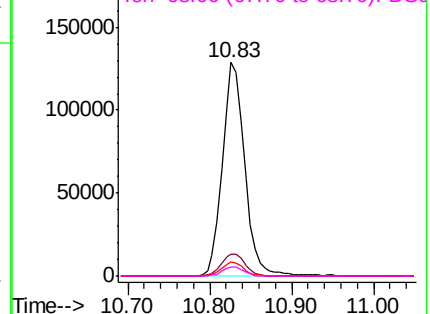
137 10.4 8.4 12.6

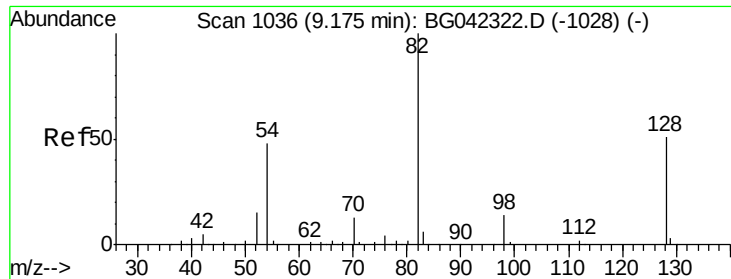
54 6.8 5.0 7.4

68 4.4 3.8 5.8



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

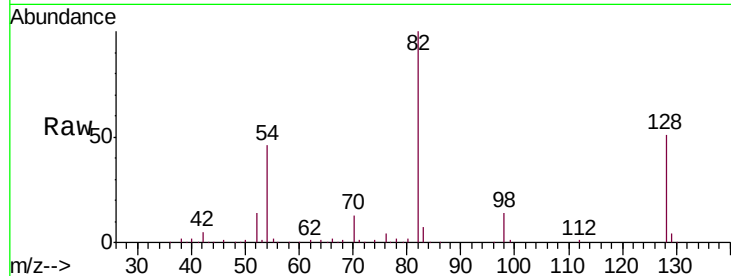




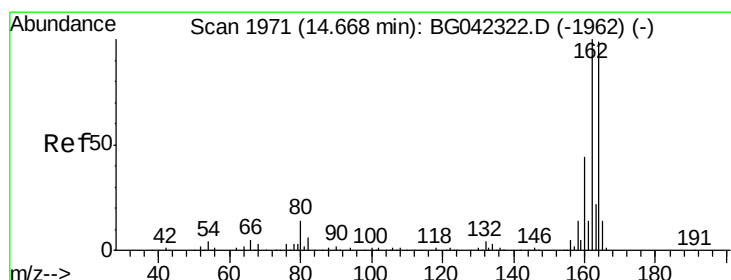
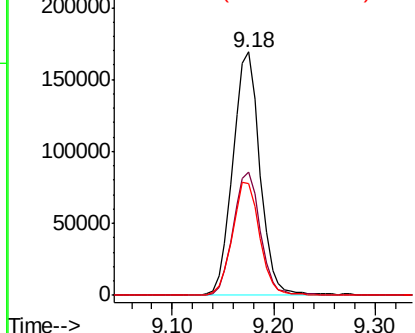
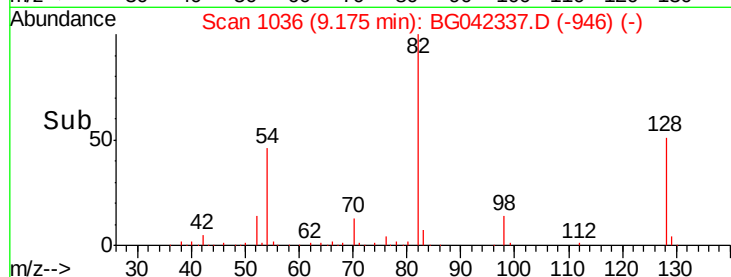
#23
 Nitrobenzene-d5
 Concen: 89.982 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042337.D
 Acq: 19 Aug 2019 21:48

Instrument :
 BNA_G
 ClientSampleId :
 SB-05(0-2)

Tot Ion	82	Resp	314555
Ion Ratio	100	Lower	Upper
128	50.8	41.0	61.4
54	46.0	38.0	57.0

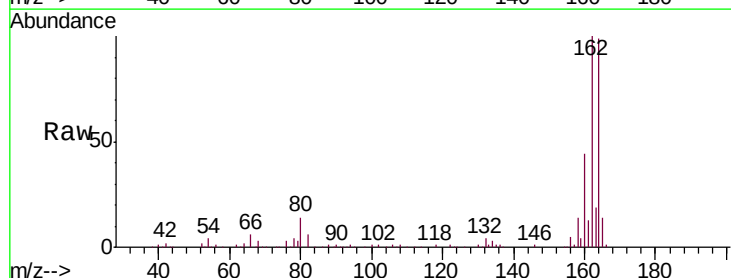


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

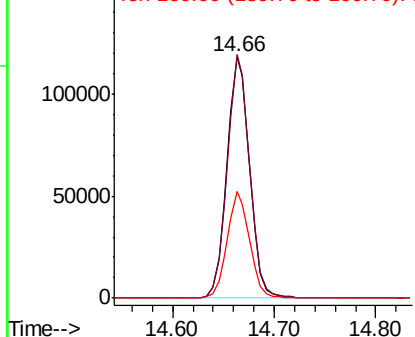
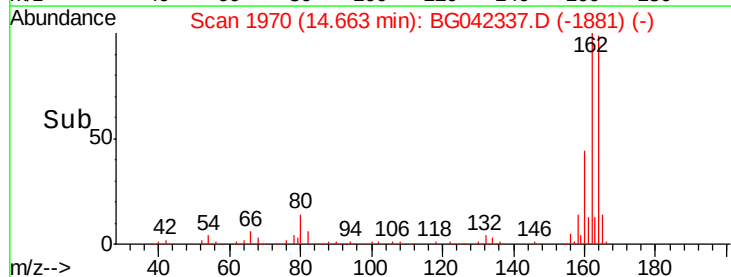


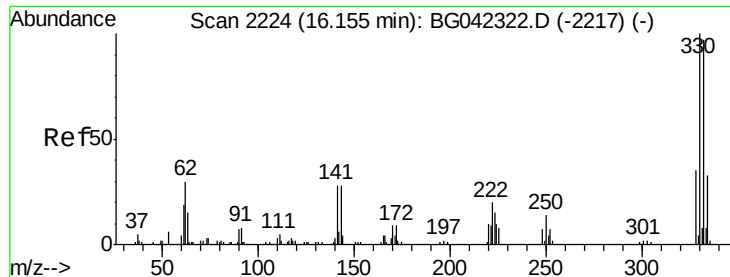
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG042337.D
 Acq: 19 Aug 2019 21:48

Tgt Ion	164	Resp	182827
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	100.8	80.6	120.8
160	44.2	35.7	53.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 114.965 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BG042337.D

Acq: 19 Aug 2019 21:48

Instrument :

BNA_G

ClientSampleId :

SB-05(0-2)

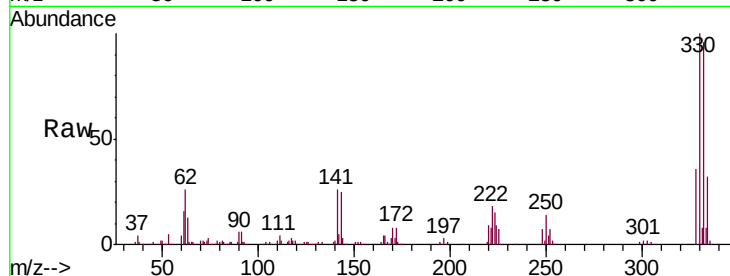
Tot Ion:330 Resp: 286271

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

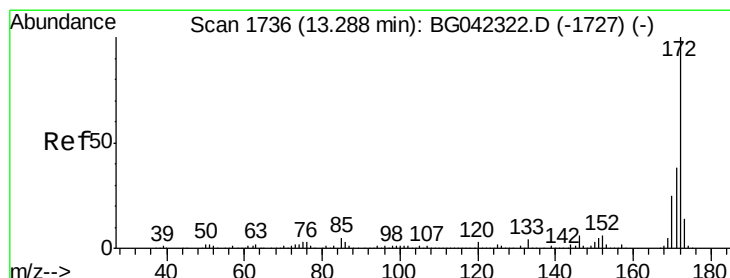
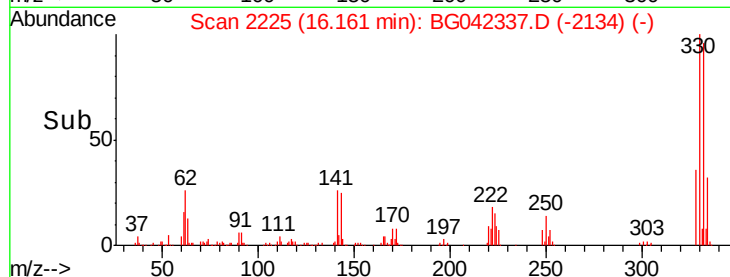
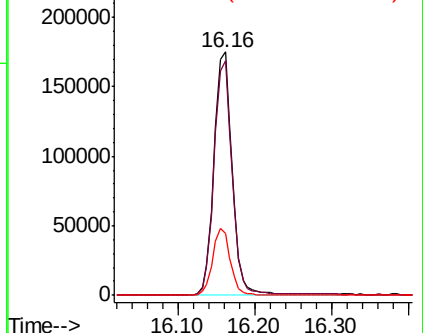
141 26.9 21.8 32.6



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: 66.477 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG042337.D

Acq: 19 Aug 2019 21:48

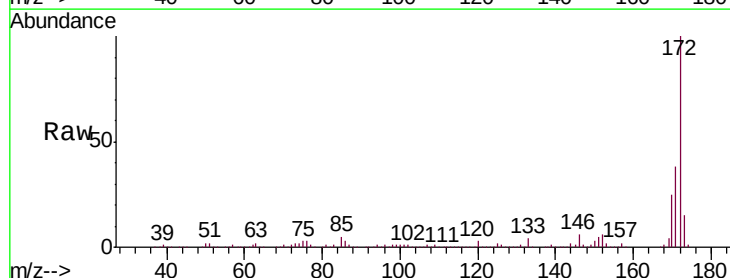
Tgt Ion:172 Resp: 718238

Ion Ratio Lower Upper

172 100

171 37.6 30.3 45.5

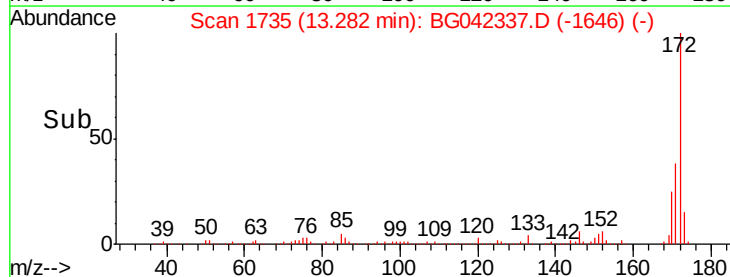
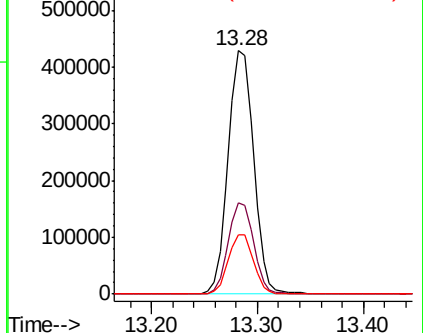
170 24.6 20.0 30.0

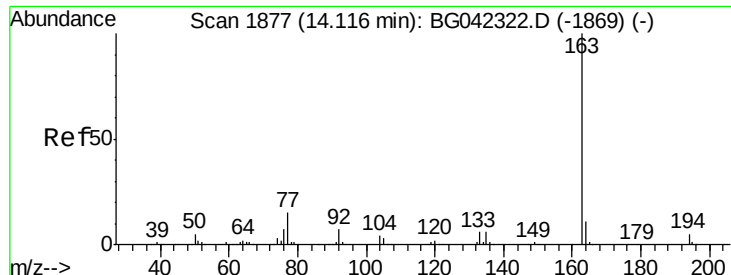


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 15.504 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042337.D

Acq: 19 Aug 2019 21:48

Instrument :

BNA_G

ClientSampleId :

SB-05(0-2)

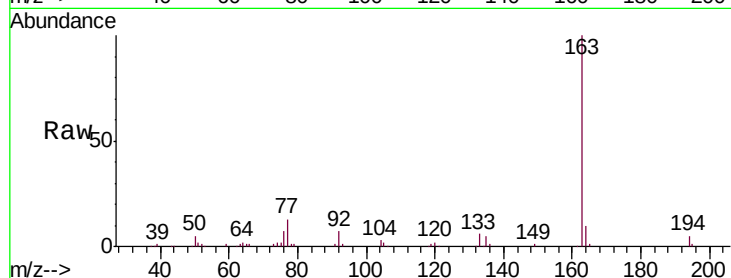
Tot Ion:163 Resp: 201413

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

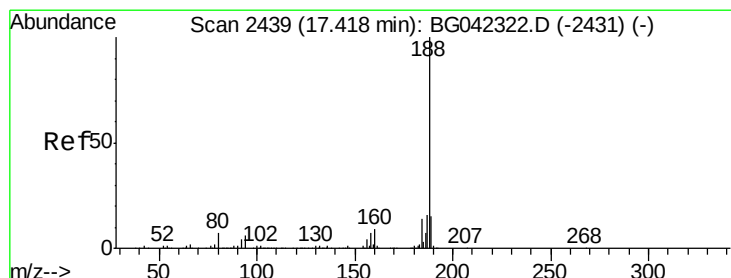
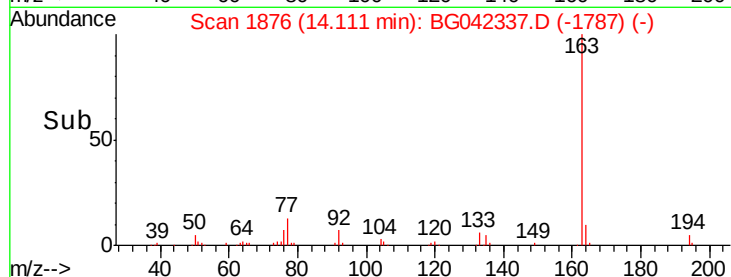
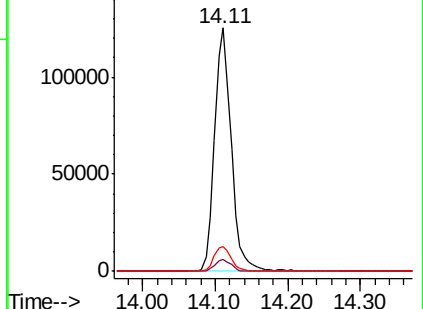
164 10.2 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG042337.D

Acq: 19 Aug 2019 21:48

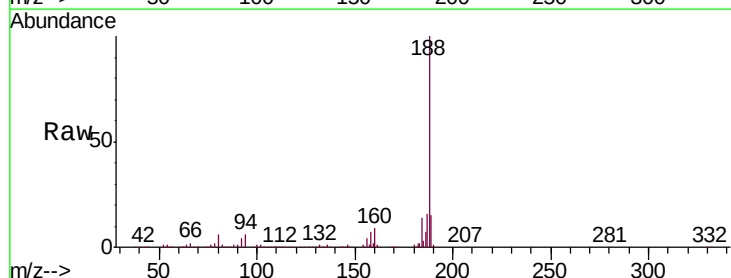
Tgt Ion:188 Resp: 406051

Ion Ratio Lower Upper

188 100

94 6.0 4.9 7.3

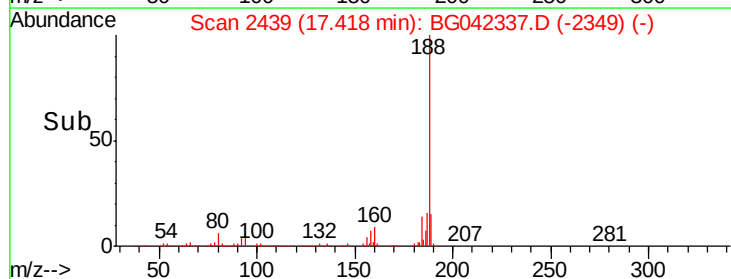
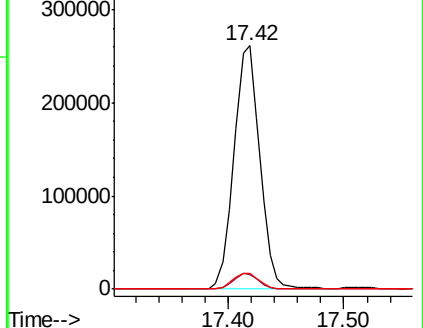
80 6.5 5.4 8.0

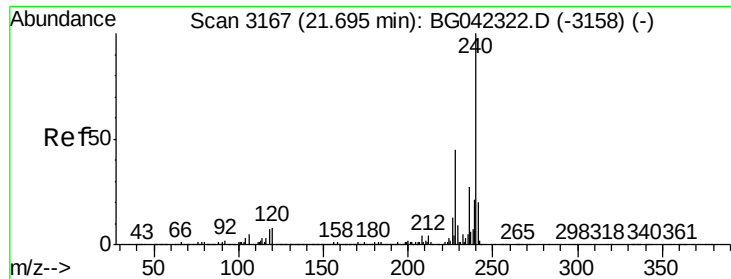


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

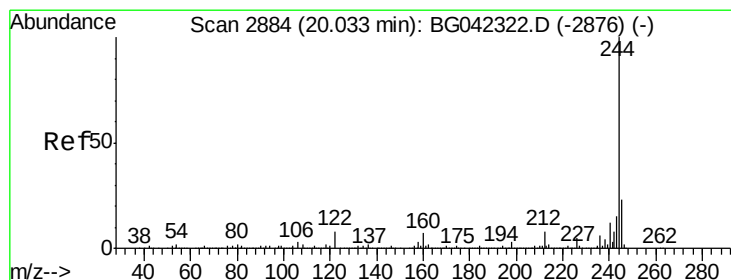
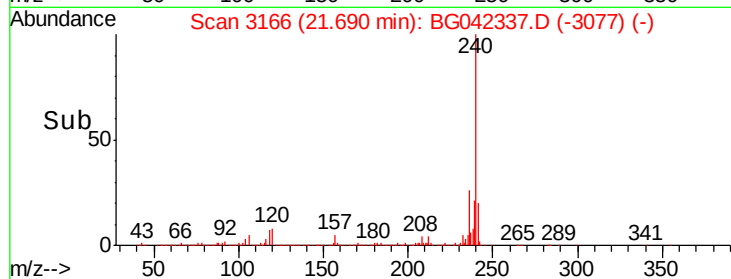
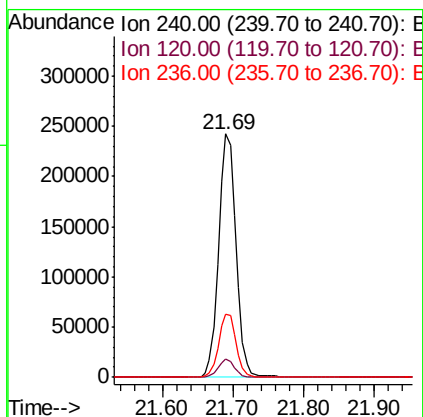
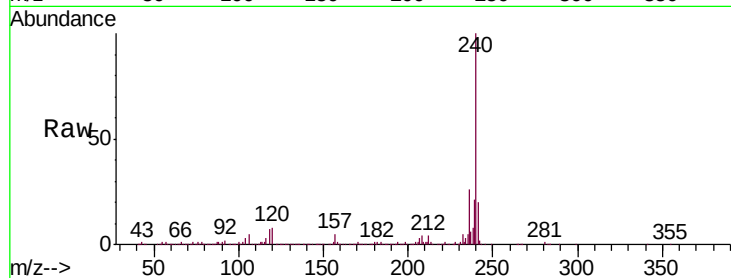




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG042337.D
 Acq: 19 Aug 2019 21:48

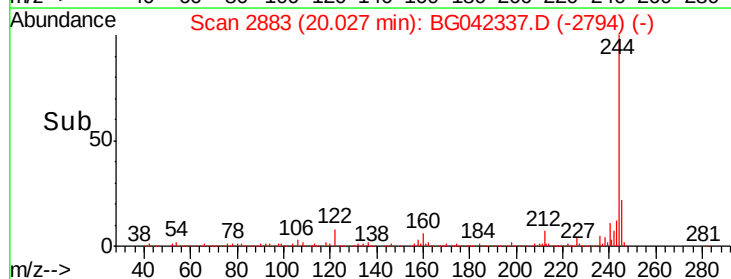
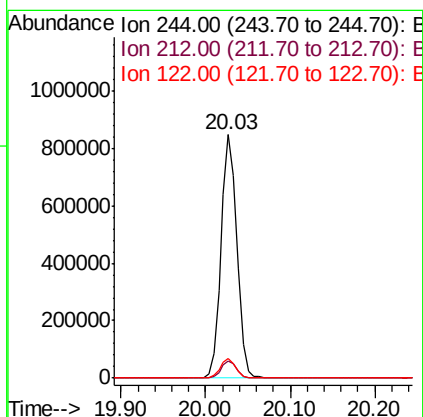
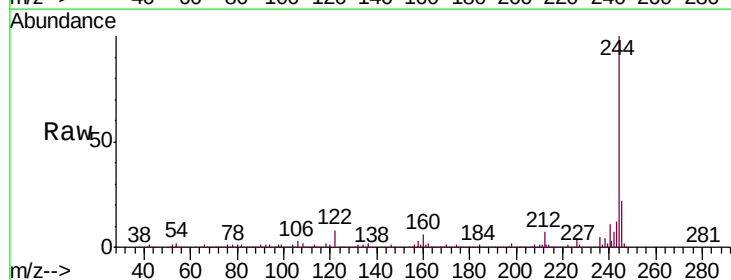
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 SB-05(0-2)

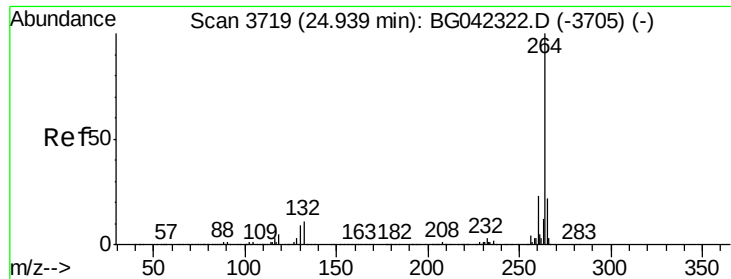
Tot Ion:240 Resp: 414263
 Ion Ratio Lower Upper
 240 100
 120 7.6 6.0 9.0
 236 25.8 21.6 32.4



#79
 Terphenyl-d14
 Concen: 58.902 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.01 min
 Lab File: BG042337.D
 Acq: 19 Aug 2019 21:48

Tgt Ion:244 Resp: 1114051
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.4 9.6
 122 7.9 6.6 10.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3718
 Delta R.T. -0.01 min
 Lab File: BG042337.D
 Acq: 19 Aug 2019 21:48

Instrument :
 BNA_G
 ClientSampleId :
 SB-05(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	22.3	17.4	26.0

