

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042302.D
 Acq On : 18 Aug 2019 1:05
 Operator : HP/JU
 Sample : K4231-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-D-(0-3)

Quant Time: Aug 19 07:54:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	52373	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	196643	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	142916	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	361085	20.00	ng	0.00
76) Chrysene-d12	21.70	240	409078	20.00	ng	0.00
87) Perylene-d12	24.93	264	456714	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	359918	133.71	ng	0.00
7) Phenol-d6	7.17	99	440150	121.29	ng	0.00
23) Nitrobenzene-d5	9.17	82	297595	104.14	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	323231	199.12	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	956273	118.01	ng	0.00
79) Terphenyl-d14	20.03	244	1941281	108.59	ng	0.00

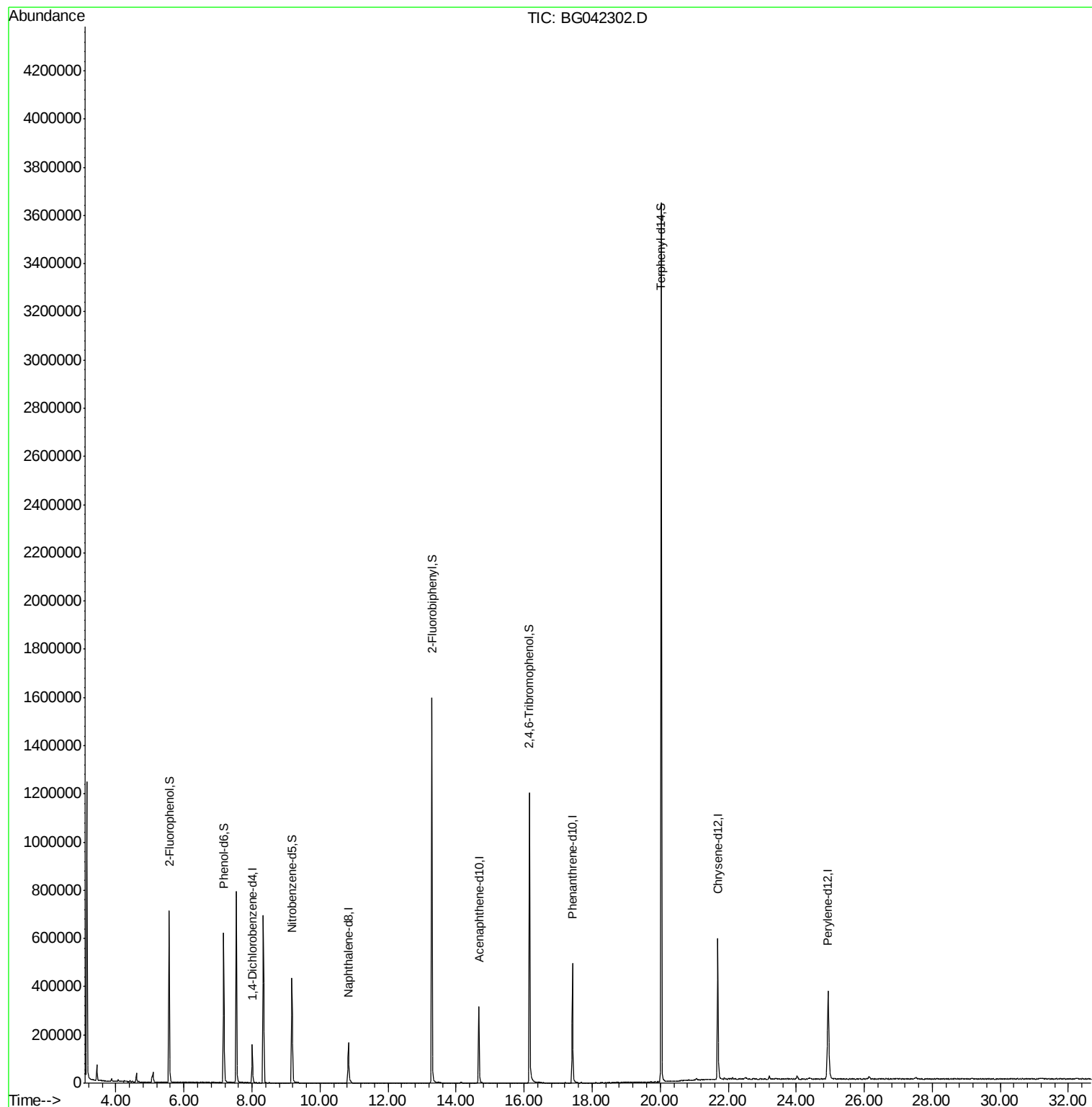
Target Compounds Qvalue

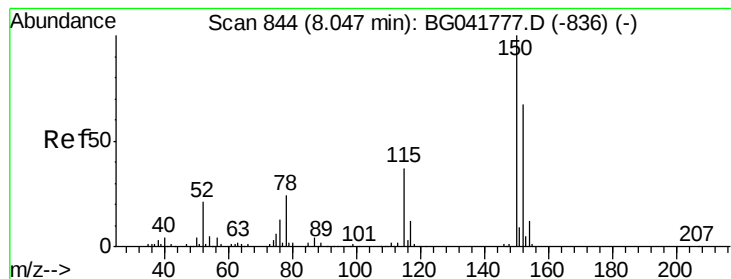
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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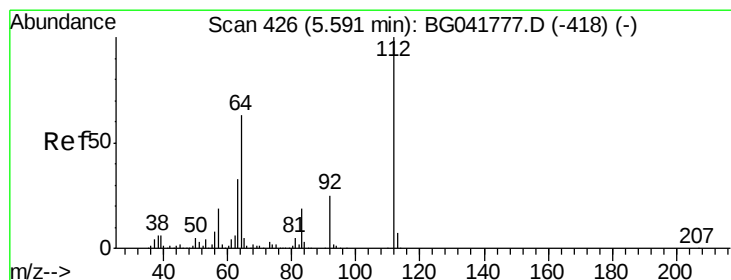
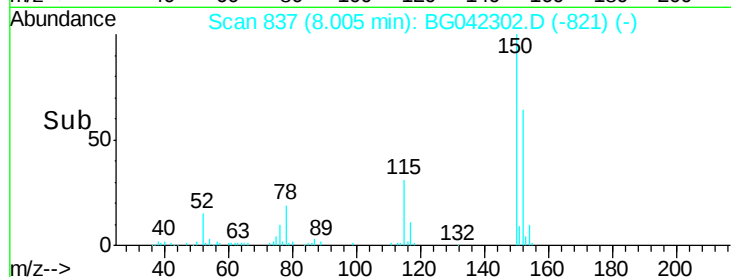
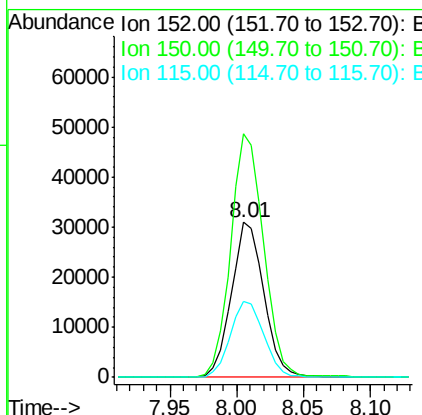
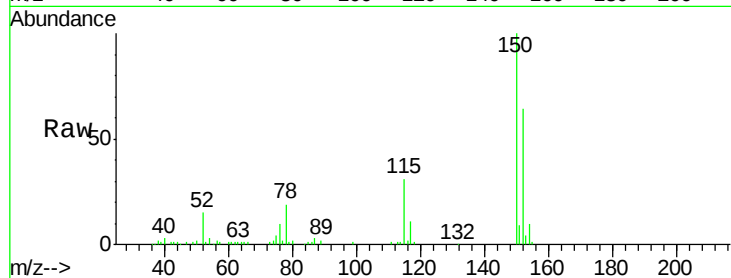




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BG042302.D
 Acq: 18 Aug 2019 1:05

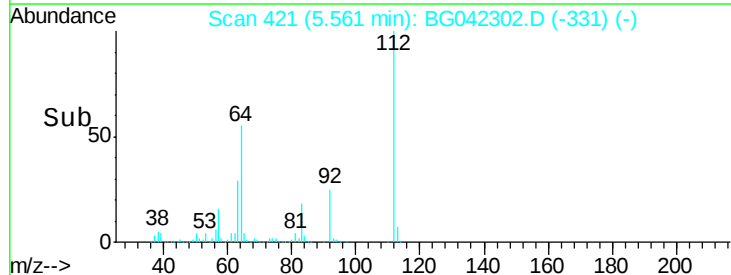
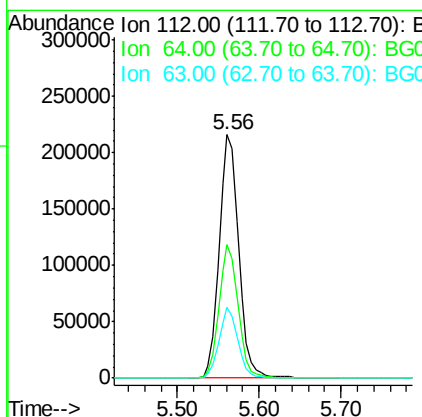
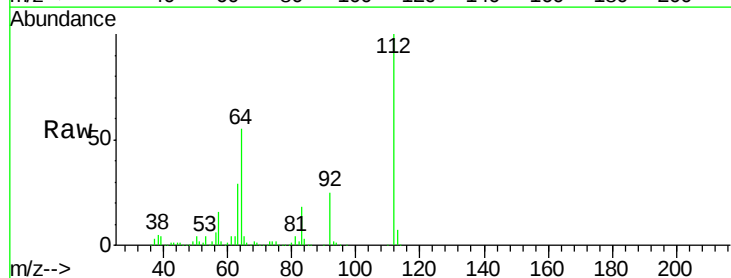
Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-D-(0-3)

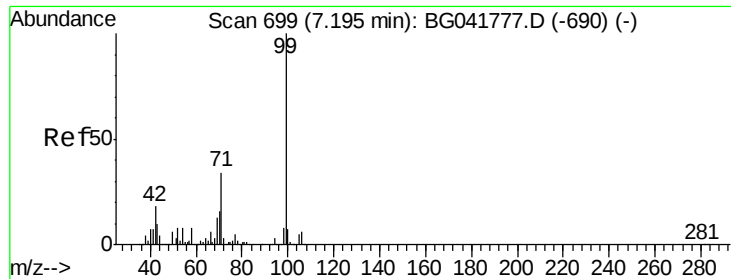
Tot Ion:152 Resp: 52373
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.9 190.3
 115 48.6 45.0 67.6



#5
 2-Fluorophenol
 Concen: 133.707 ng
 RT: 5.56 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BG042302.D
 Acq: 18 Aug 2019 1:05

Tgt Ion:112 Resp: 359918
 Ion Ratio Lower Upper
 112 100
 64 54.9 55.4 83.2#
 63 29.1 29.1 43.7#





#7

Phenol-d6

Concen: 121.286 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042302.D

Acq: 18 Aug 2019 1:05

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-D-(0-3)

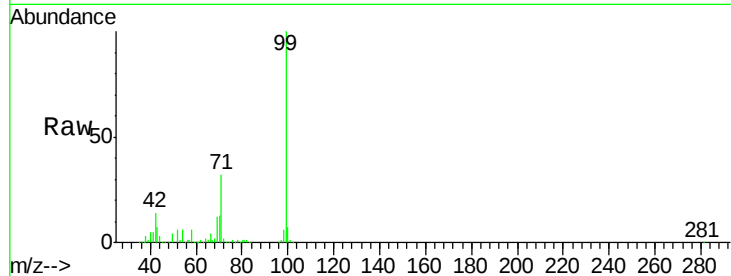
Tot Ion: 99 Resp: 440150

Ion Ratio Lower Upper

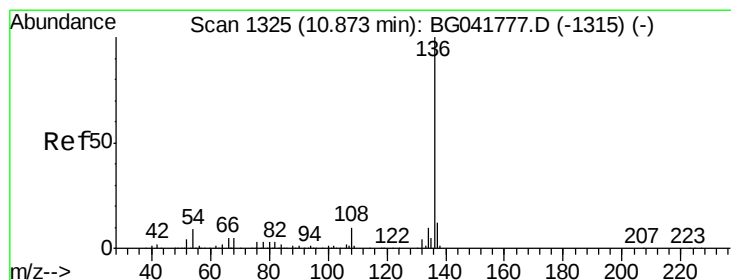
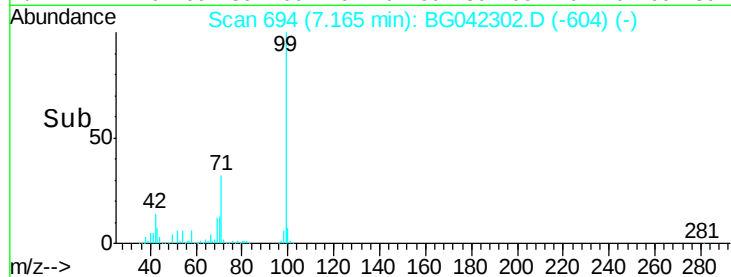
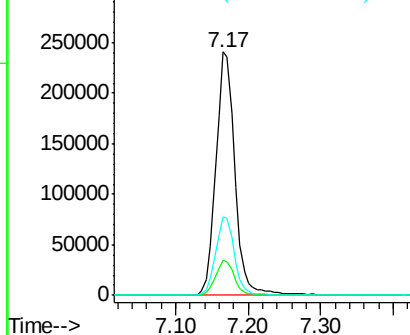
99 100

42 14.3 17.6 26.4#

71 32.2 27.8 41.6



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# 1318

Delta R.T. -0.00 min

Lab File: BG042302.D

Acq: 18 Aug 2019 1:05

Tgt Ion: 136 Resp: 196643

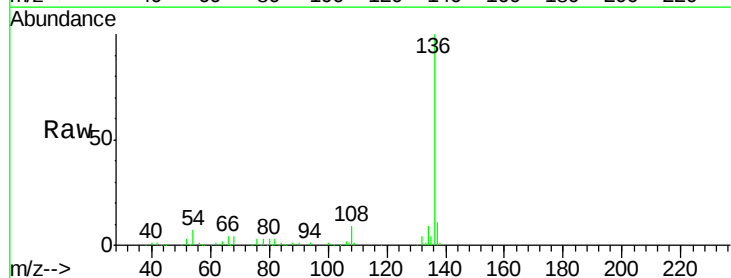
Ion Ratio Lower Upper

136 100

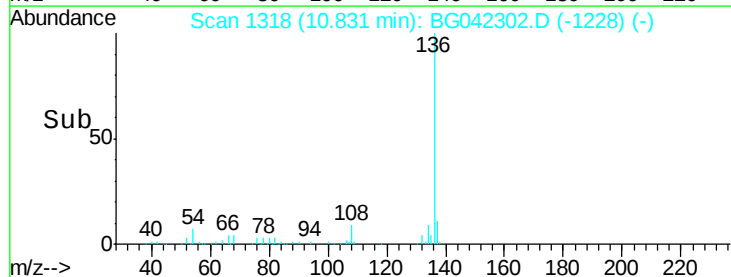
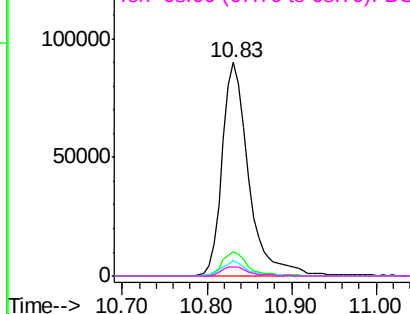
137 11.2 9.2 13.8

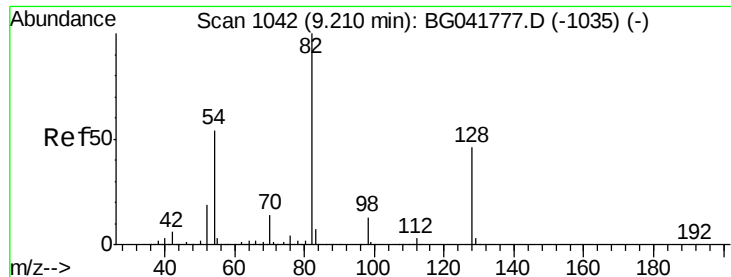
54 7.4 8.7 13.1#

68 4.4 5.5 8.3#



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

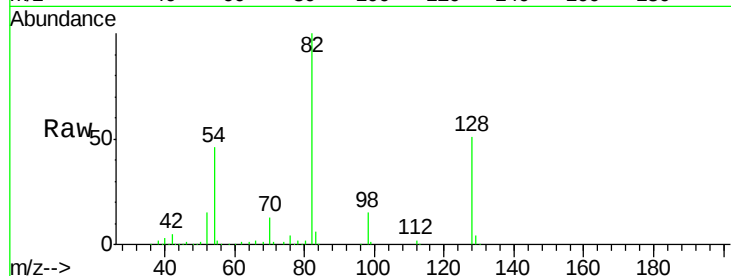




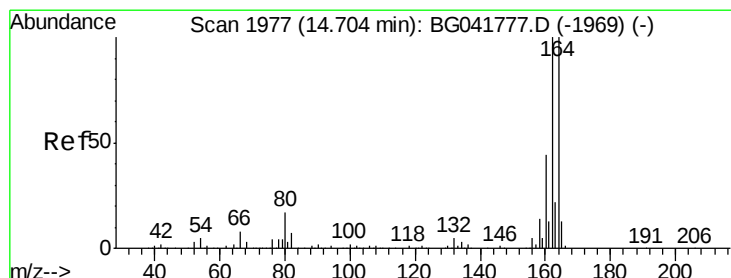
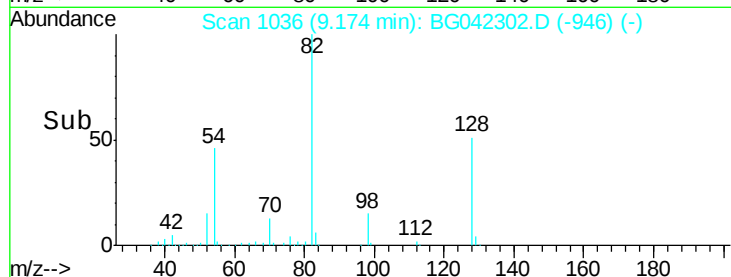
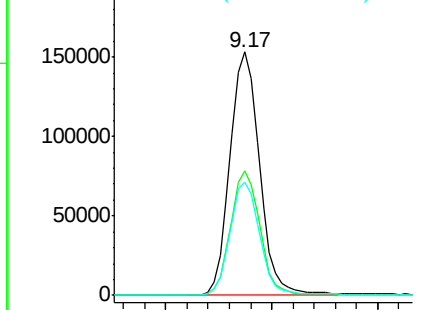
#23
Nitrobenzene-d5
Concen: 104.145 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG042302.D
Acq: 18 Aug 2019 1:05

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-D-(0-3)

Tot Ion	82	Resp	297595
Ion	Ratio	Lower	Upper
82	100		
128	51.2	35.1	52.7
54	46.3	48.7	73.1#

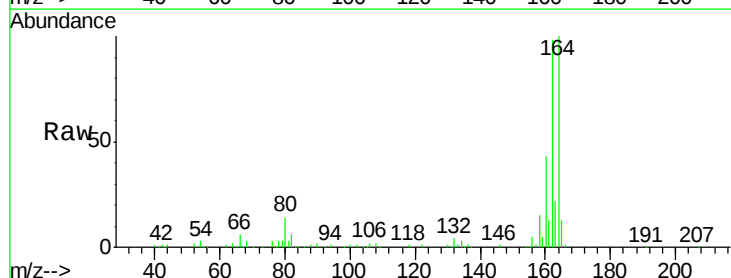


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

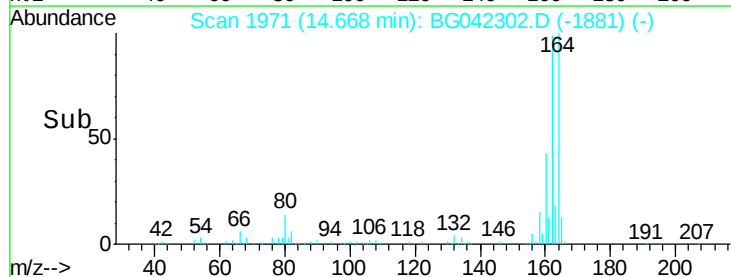
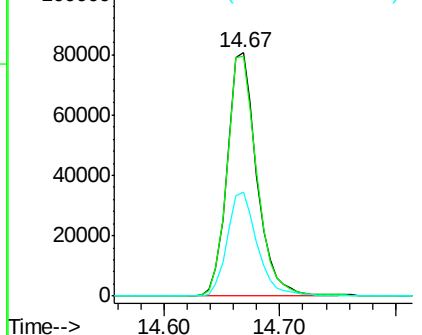


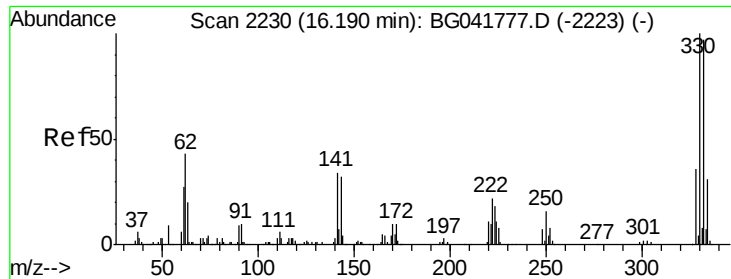
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG042302.D
Acq: 18 Aug 2019 1:05

Tgt Ion	164	Resp	142916
Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.6	119.4
160	42.5	35.4	53.0



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: 199.116 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG042302.D

Acq: 18 Aug 2019 1:05

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-D-(0-3)

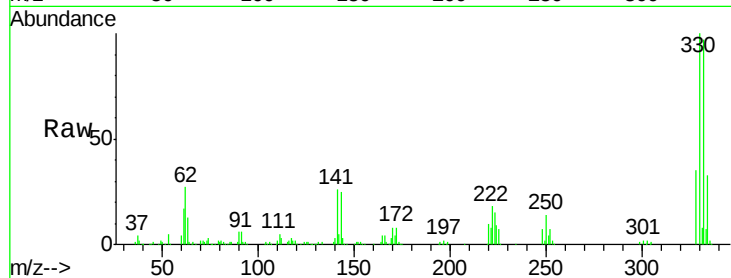
Tot Ion:330 Resp: 323231

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.0

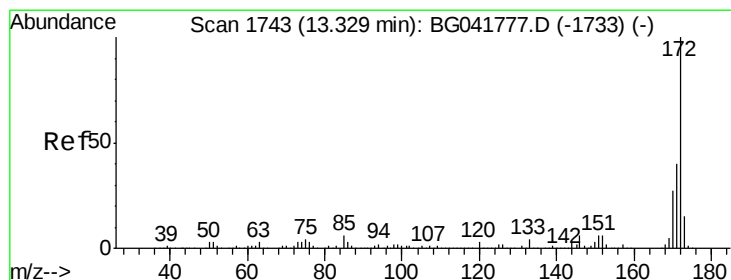
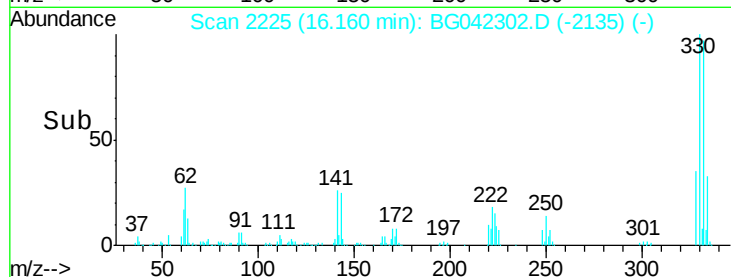
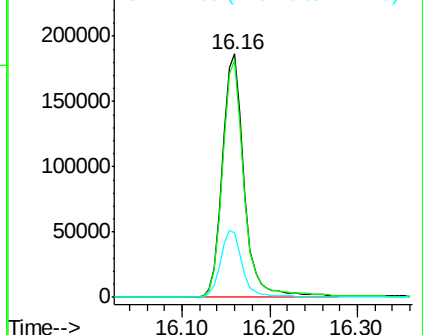
141 28.0 31.9 47.9#



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: 118.013 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG042302.D

Acq: 18 Aug 2019 1:05

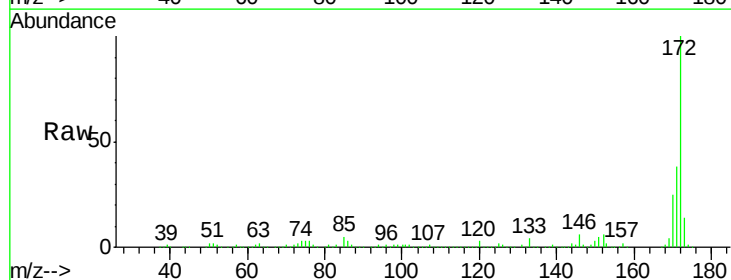
Tgt Ion:172 Resp: 956273

Ion Ratio Lower Upper

172 100

171 38.3 35.0 52.4

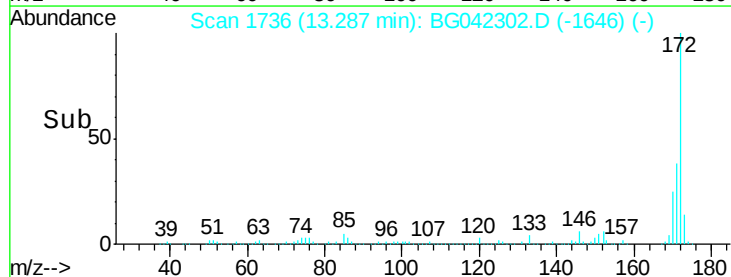
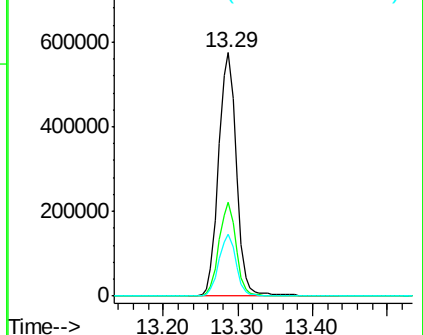
170 25.3 23.5 35.3

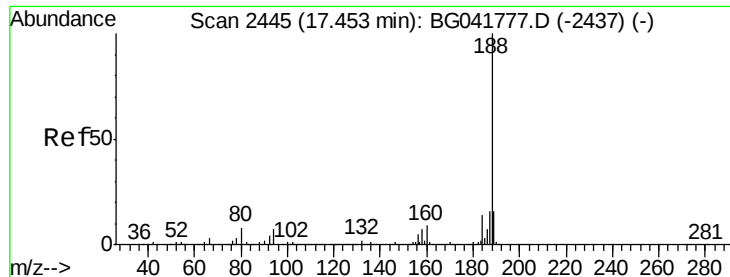


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG042302.D

Acq: 18 Aug 2019 1:05

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-D-(0-3)

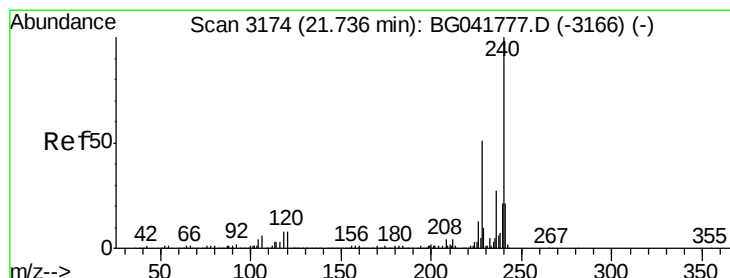
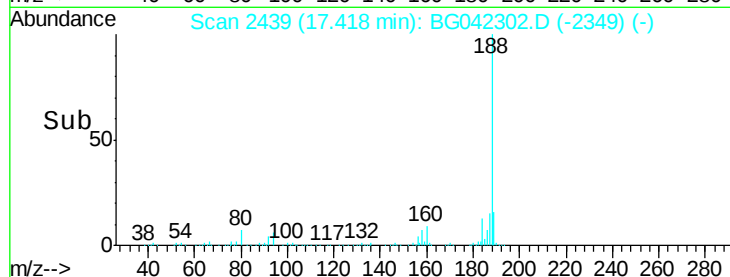
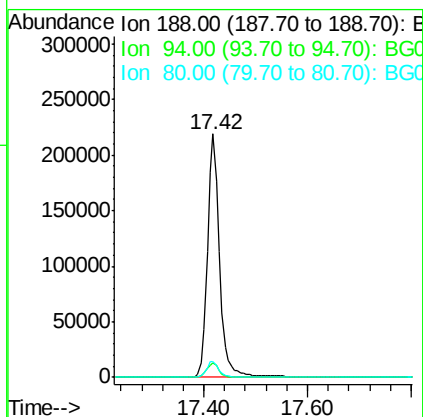
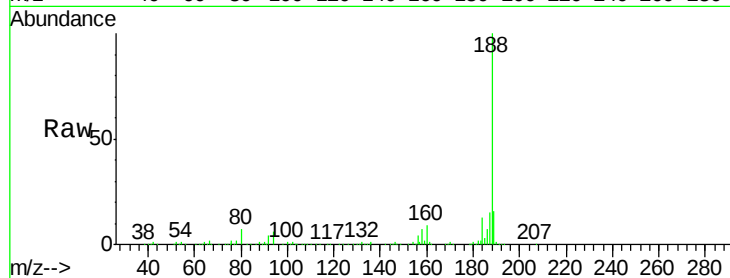
Tot Ion:188 Resp: 361085

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

80 6.6 8.0 12.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG042302.D

Acq: 18 Aug 2019 1:05

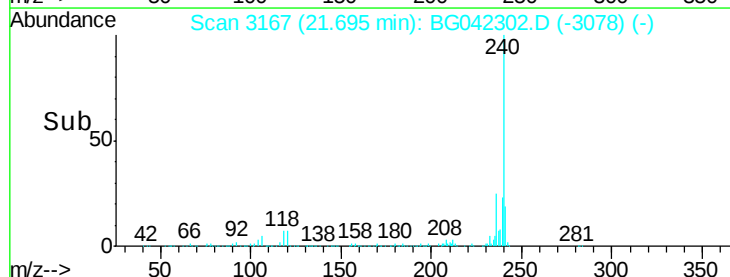
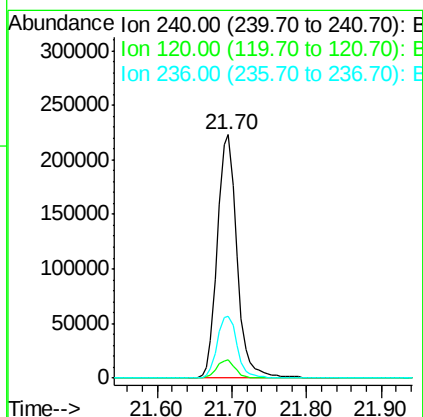
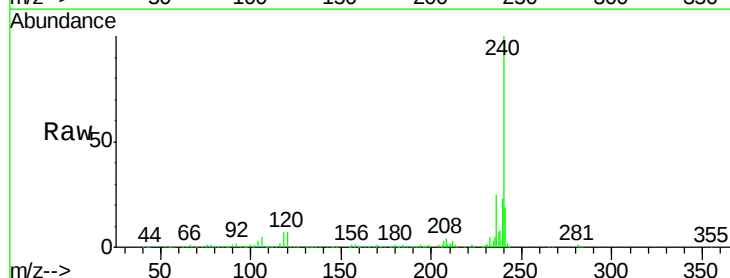
Tgt Ion:240 Resp: 409078

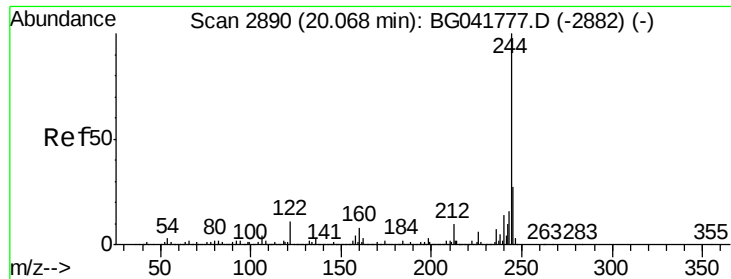
Ion Ratio Lower Upper

240 100

120 7.3 8.0 12.0#

236 25.4 22.6 33.8





#79

Terphenyl-d14

Concen: 108.589 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG042302.D

Acq: 18 Aug 2019 1:05

Instrument :

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REACTOR-3-D-(0-3)

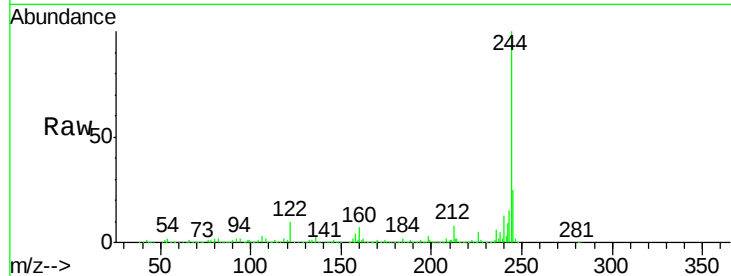
Tot Ion:244 Resp: 1941281

Ion Ratio Lower Upper

244 100

212 8.4 9.7 14.5#

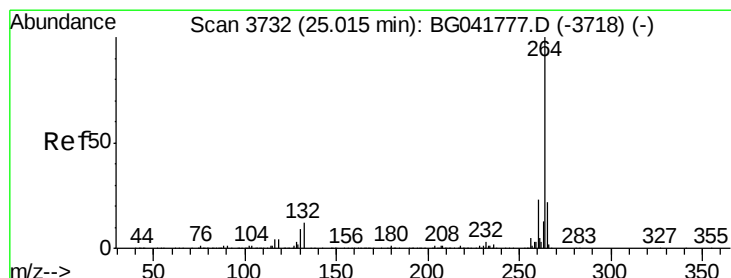
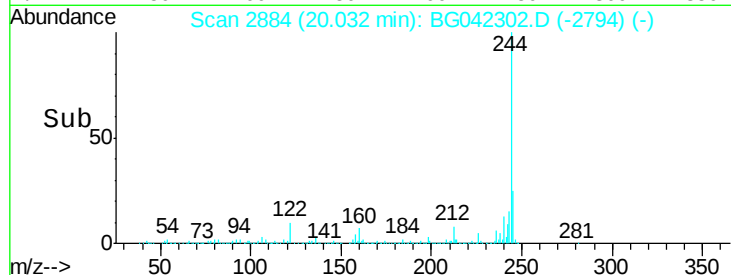
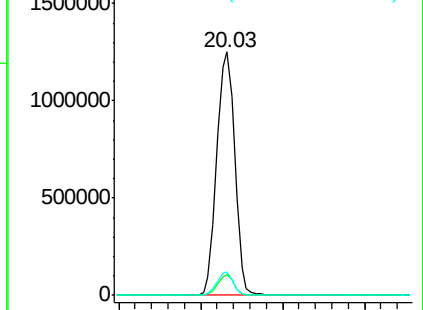
122 9.6 12.5 18.7#



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: BG042302.D

Acq: 18 Aug 2019 1:05

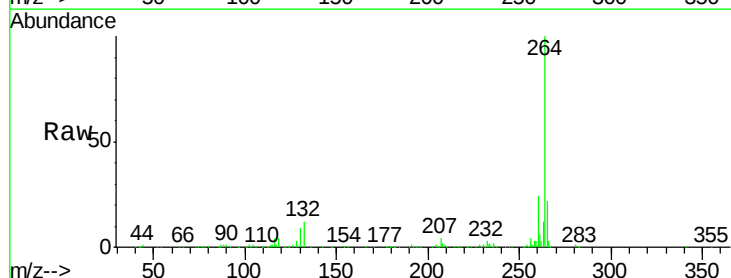
Tgt Ion:264 Resp: 456714

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 22.1 18.0 27.0



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

