

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042287.D
 Acq On : 17 Aug 2019 12:54
 Operator : HP/JU
 Sample : K4356-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Aug 19 07:19:04 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

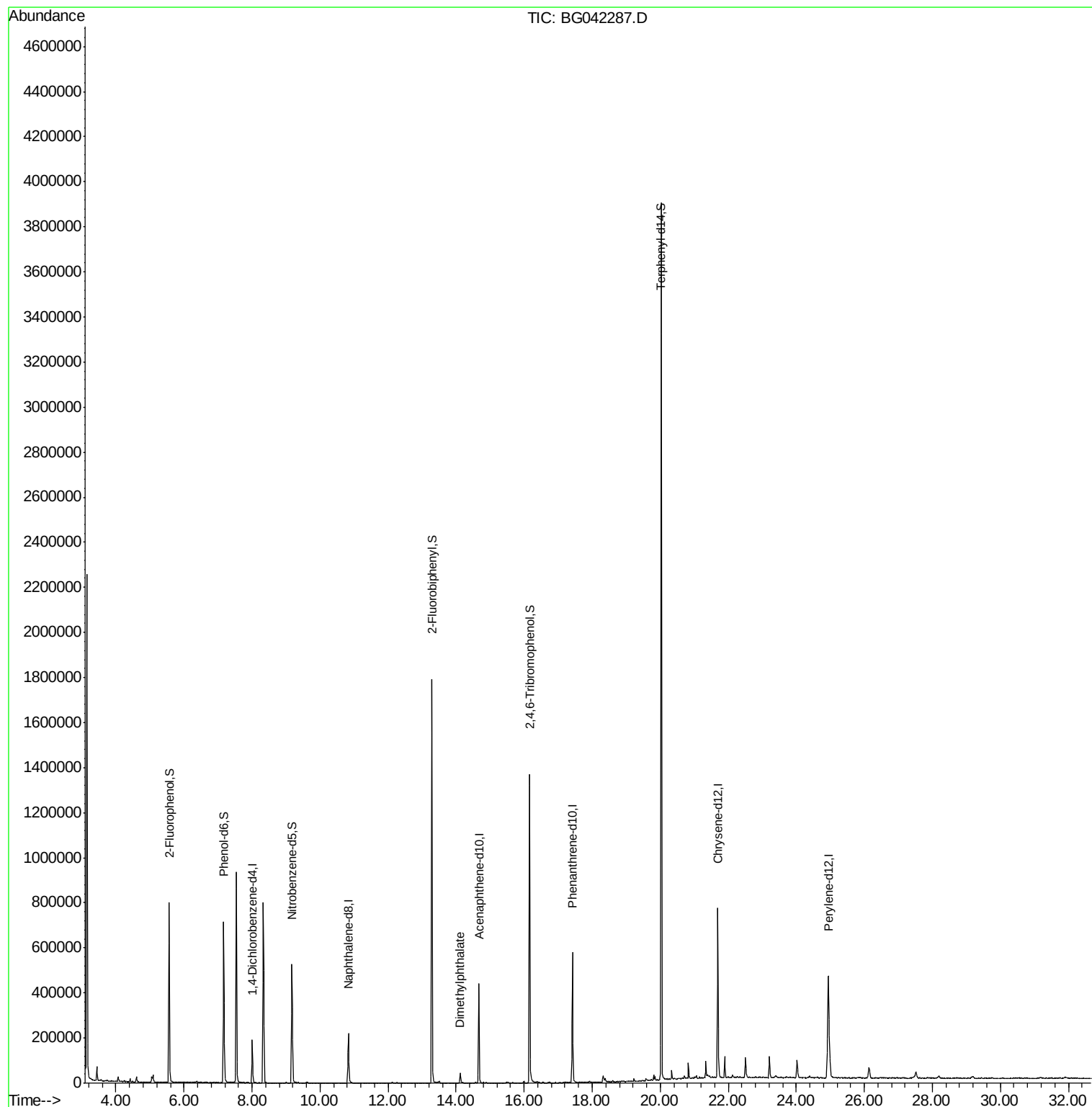
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	64590	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	238533	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	170666	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	417113	20.00	ng	0.00
76) Chrysene-d12	21.69	240	472869	20.00	ng	0.00
87) Perylene-d12	24.94	264	536909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	406800	122.54	ng	0.00
7) Phenol-d6	7.17	99	496921	111.03	ng	0.00
23) Nitrobenzene-d5	9.17	82	345037	99.54	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	347051	179.03	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1028425	106.28	ng	0.00
79) Terphenyl-d14	20.03	244	1943587	94.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	49494	4.246	ng	Qvalue 96

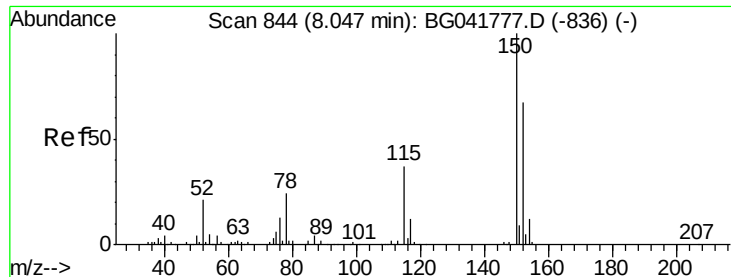
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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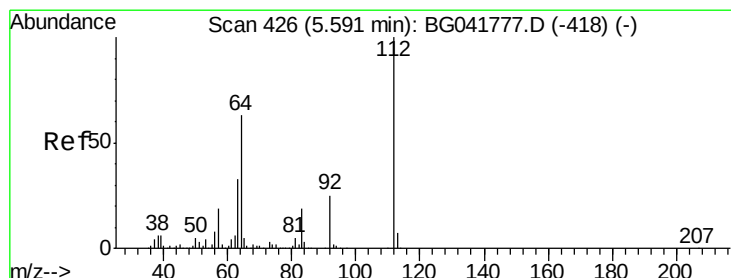
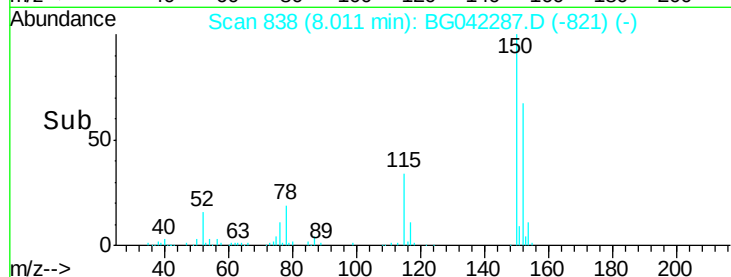
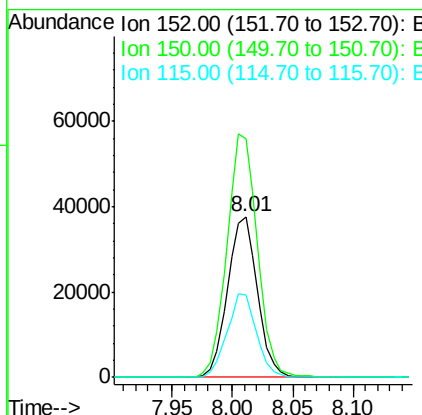
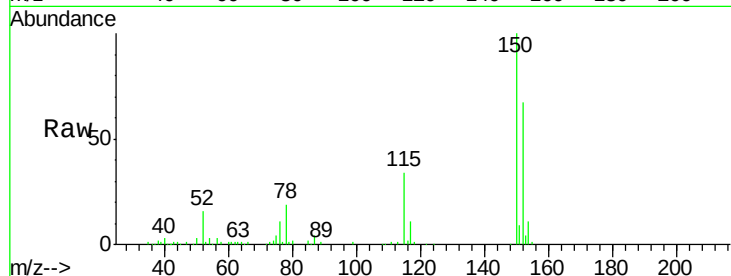


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG042287.D
Acq: 17 Aug 2019 12:54

Instrument :
BNA_G
ClientSampleId :
TP-6

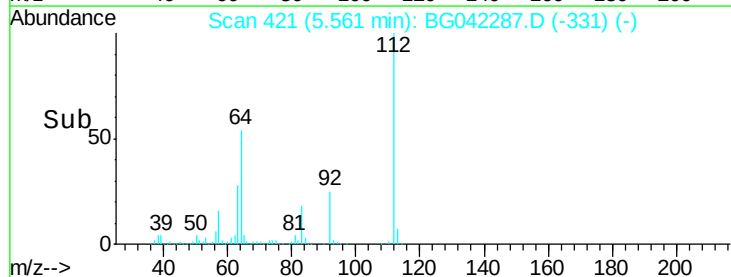
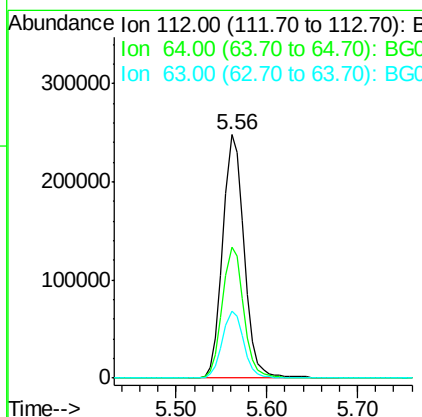
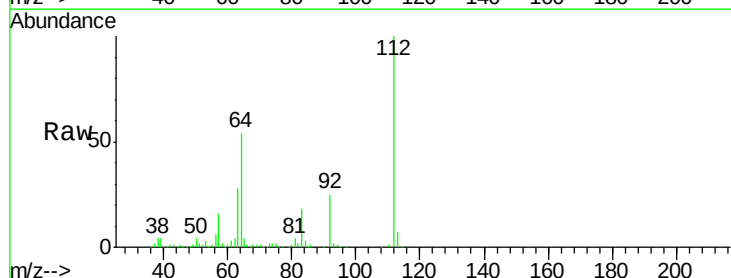
Tot Ion	152	Resp	64590
Ion Ratio	Lower	Upper	
152	100		
150	148.3	126.9	190.3
115	50.8	45.0	67.6

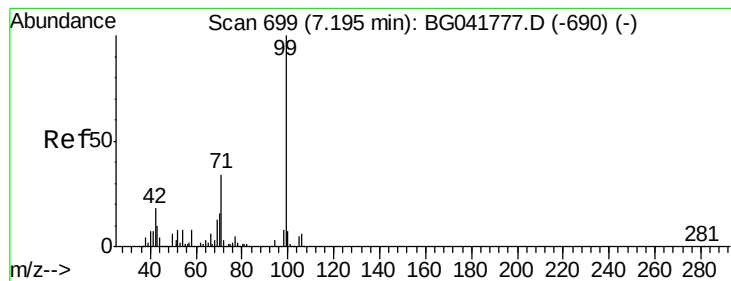


#5

2-Fluorophenol
Concen: 122.539 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG042287.D
Acq: 17 Aug 2019 12:54

Tgt Ion	112	Resp	406800
Ion Ratio	Lower	Upper	
112	100		
64	53.9	55.4	83.2#
63	27.6	29.1	43.7#





#7

Phenol-d6

Concen: 111.030 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042287.D

Acq: 17 Aug 2019 12:54

Instrument :

BNA_G

ClientSampleId :

TP-6

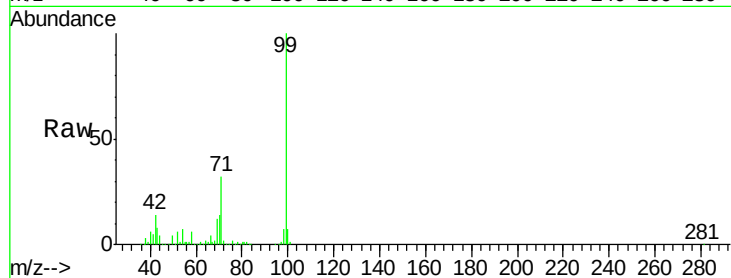
Tot Ion: 99 Resp: 496921

Ion Ratio Lower Upper

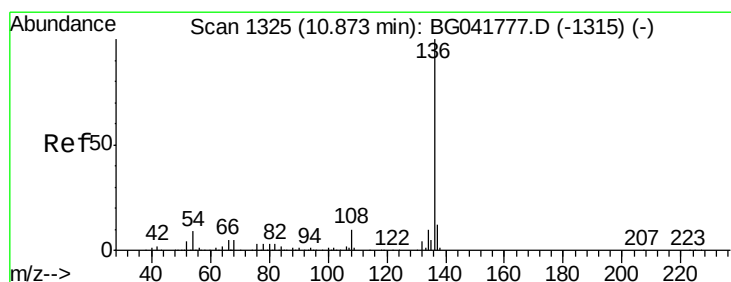
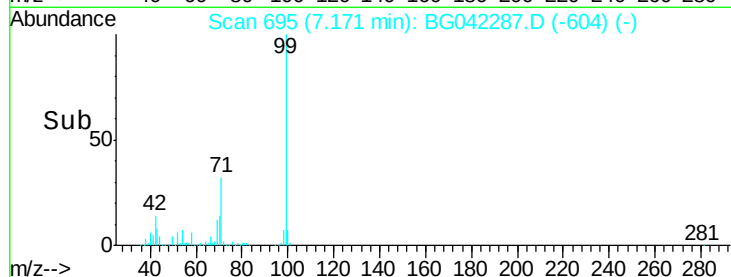
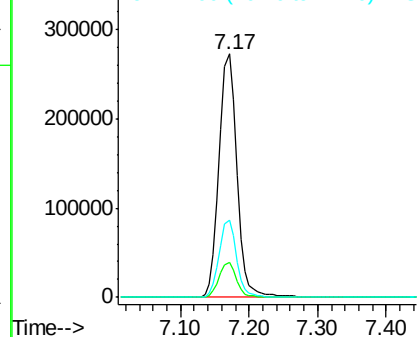
99 100

42 14.1 17.6 26.4#

71 31.6 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: BG042287.D

Acq: 17 Aug 2019 12:54

Tgt Ion: 136 Resp: 238533

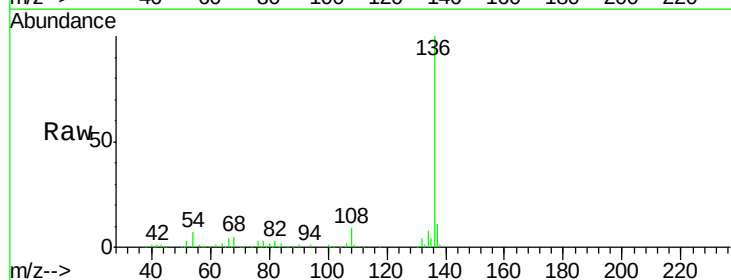
Ion Ratio Lower Upper

136 100

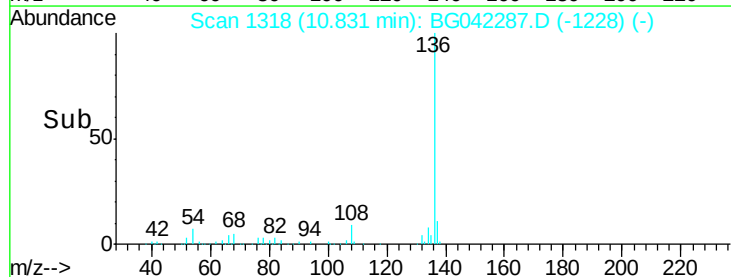
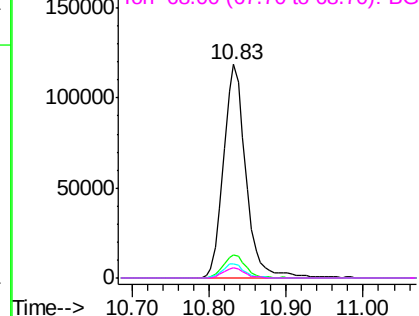
137 10.9 9.2 13.8

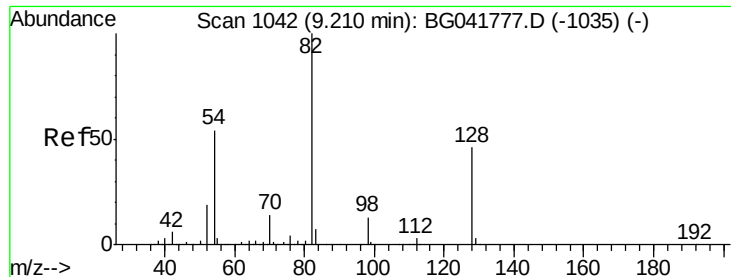
54 6.6 8.7 13.1#

68 4.9 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

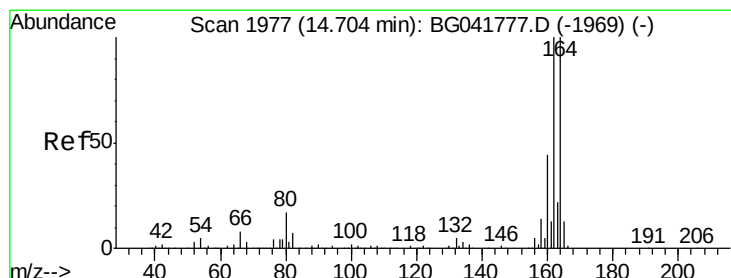
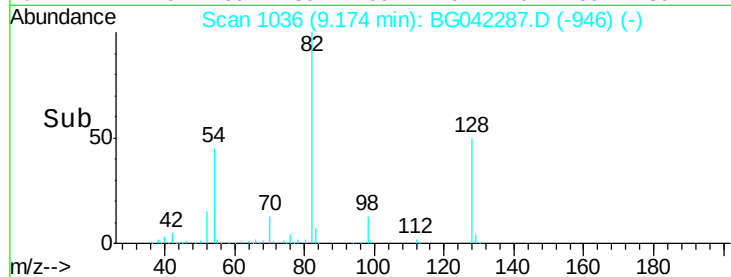
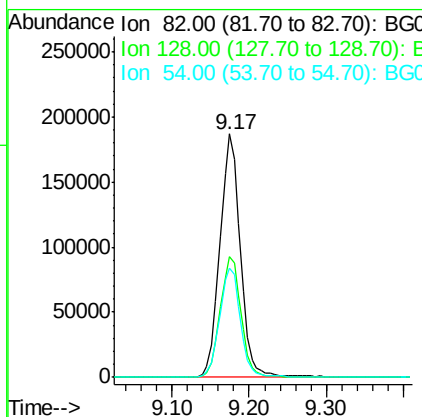
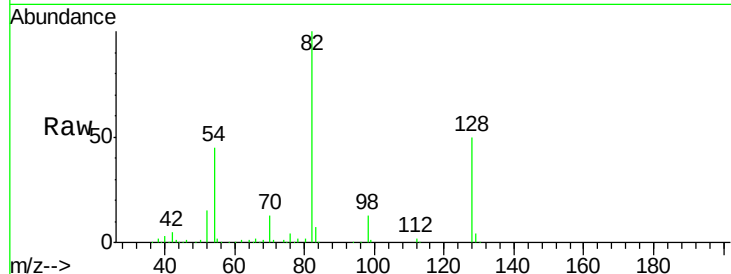




#23
 Nitrobenzene-d5
 Concen: 99.542 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG042287.D
 Acq: 17 Aug 2019 12:54

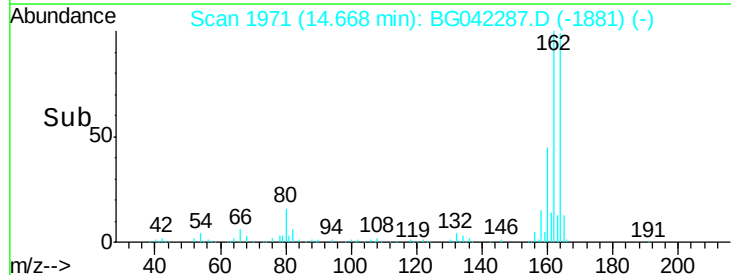
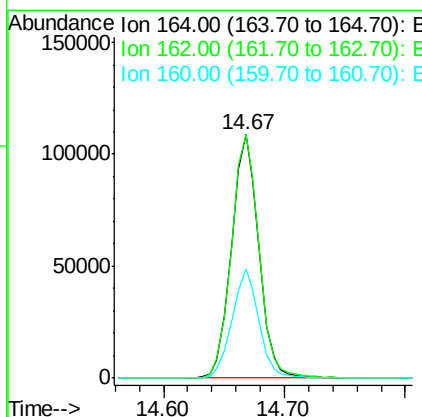
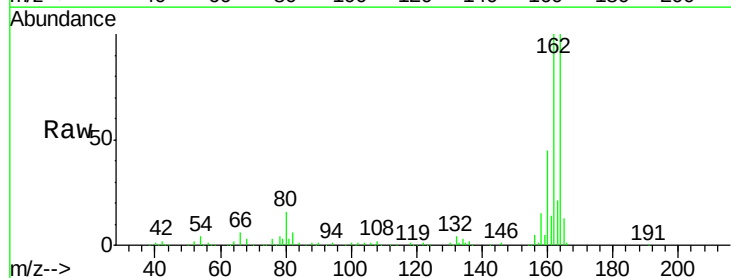
Instrument :
 BNA_G
 ClientSampleID :
 TP-6

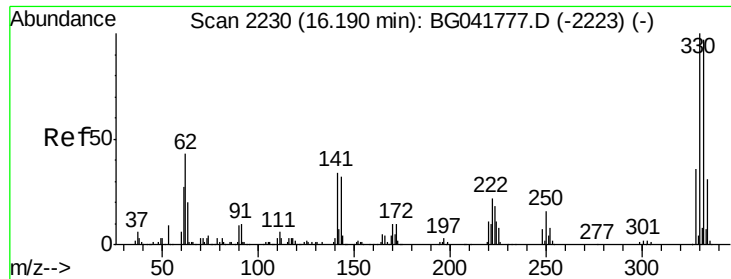
Tot Ion	82	Resp	345037
Ion Ratio	Lower	Upper	
82	100		
128	49.8	35.1	52.7
54	44.7	48.7	73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG042287.D
 Acq: 17 Aug 2019 12:54

Tgt Ion	164	Resp	170666
Ion Ratio	Lower	Upper	
164	100		
162	99.9	79.6	119.4
160	44.6	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 179.028 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG042287.D

Acq: 17 Aug 2019 12:54

Instrument :

BNA_G

ClientSampleId :

TP-6

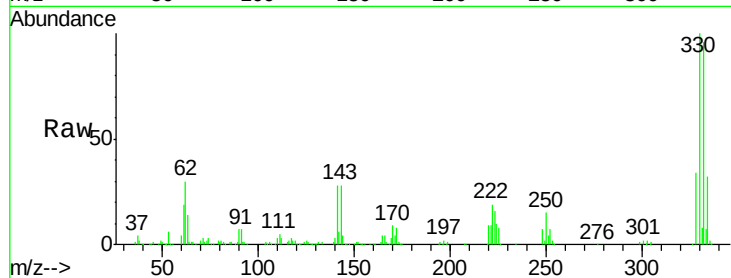
Tot Ion:330 Resp: 347051

Ion Ratio Lower Upper

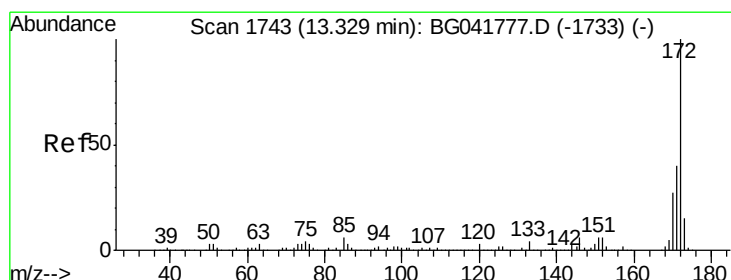
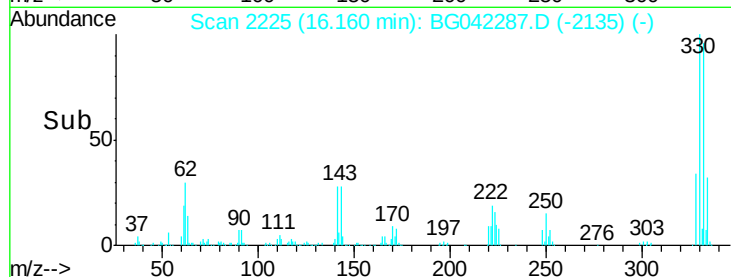
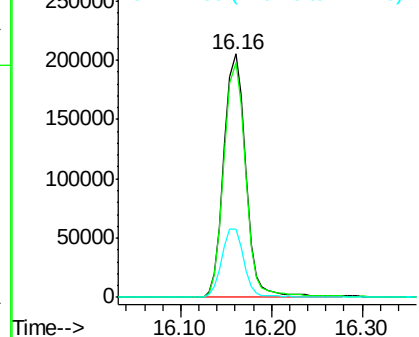
330 100

332 96.9 77.4 116.0

141 28.7 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: 106.281 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG042287.D

Acq: 17 Aug 2019 12:54

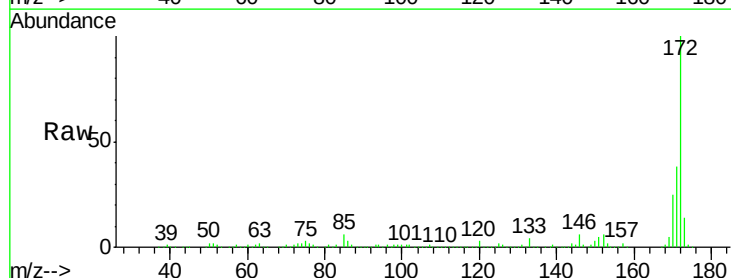
Tgt Ion:172 Resp: 1028425

Ion Ratio Lower Upper

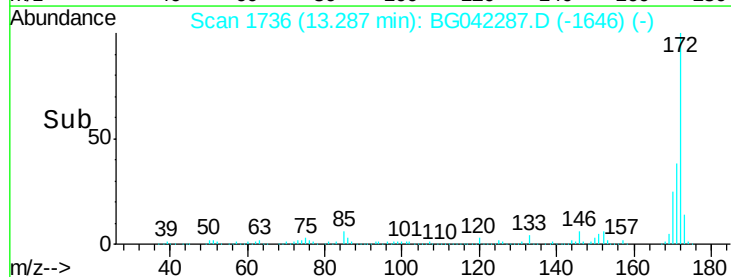
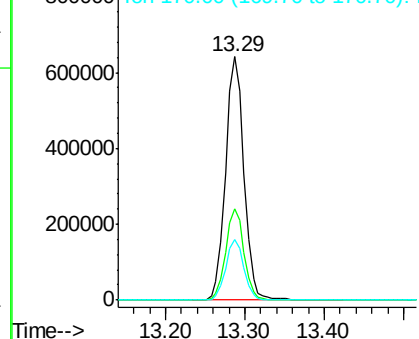
172 100

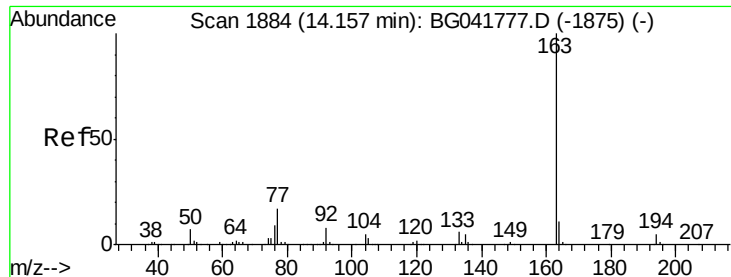
171 37.8 35.0 52.4

170 25.1 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





#50

Dimethylphthalate

Concen: 4.246 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG042287.D

Acq: 17 Aug 2019 12:54

Instrument :

BNA_G

ClientSampleId :

TP-6

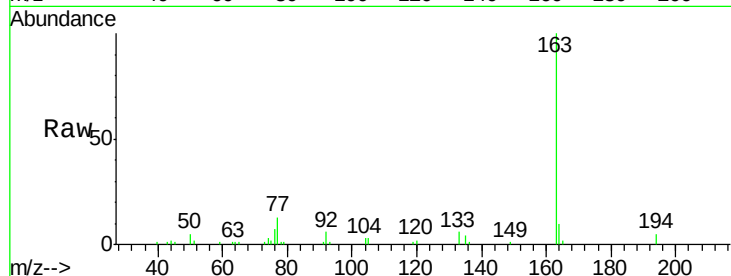
Tot Ion:163 Resp: 49494

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

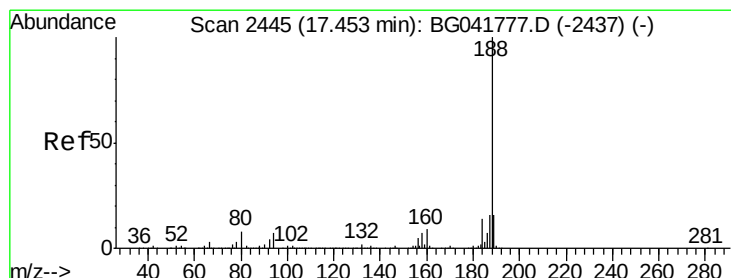
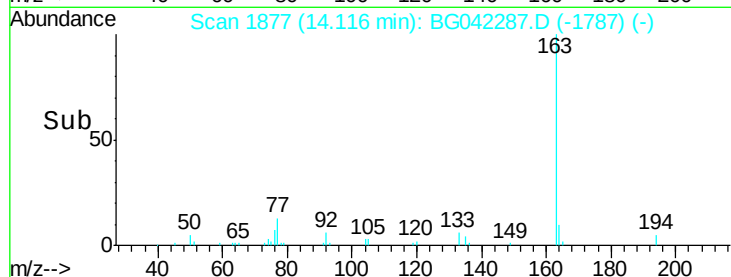
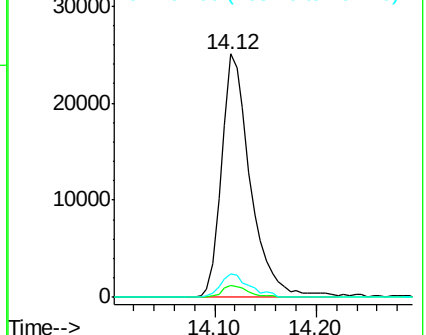
164 9.6 9.4 14.2



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: BG042287.D

Acq: 17 Aug 2019 12:54

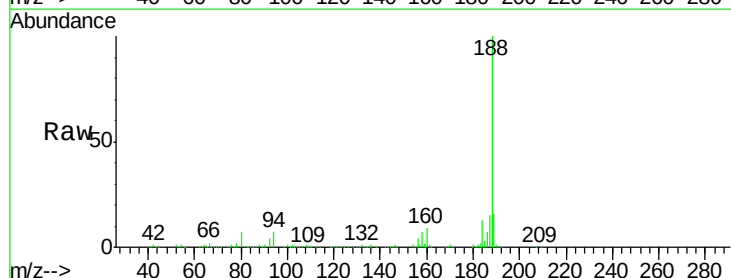
Tgt Ion:188 Resp: 417113

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

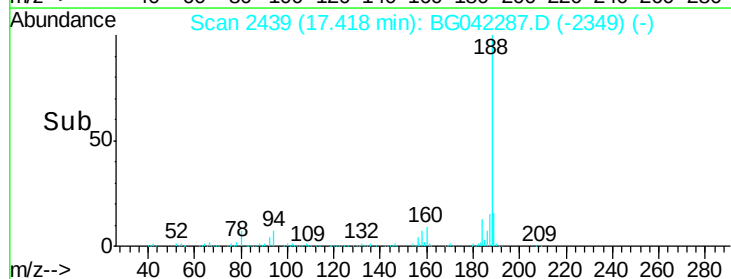
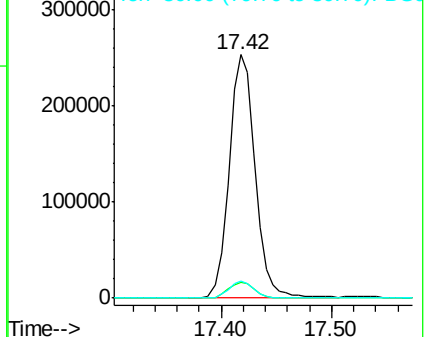
80 7.2 8.0 12.0#

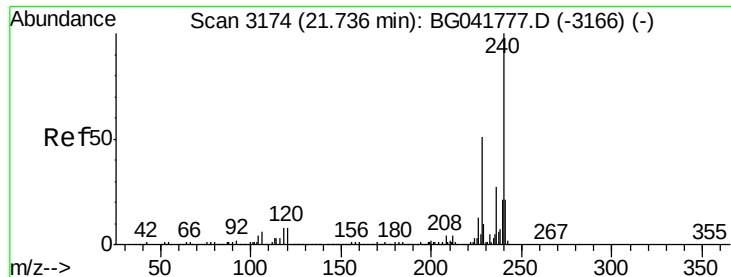


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

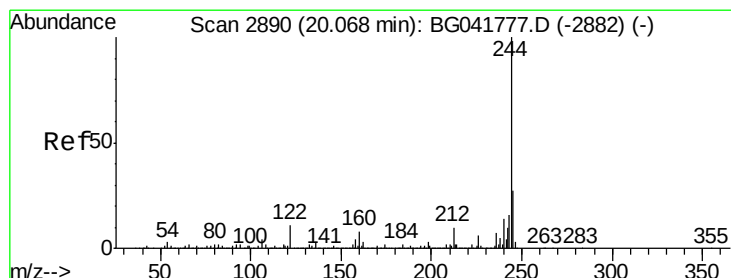
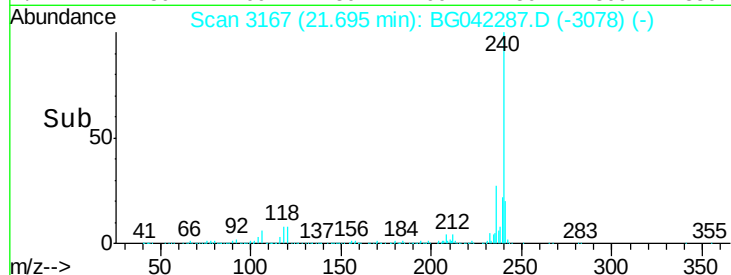
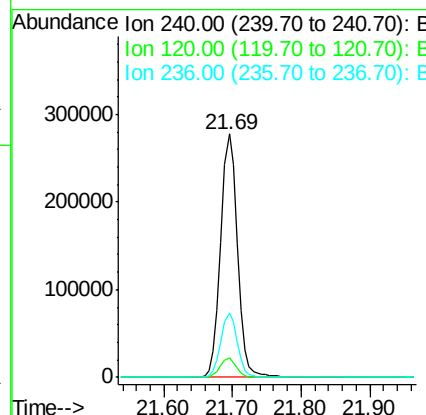
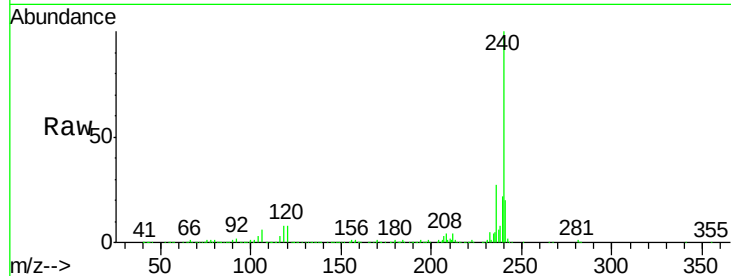




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG042287.D
Acq: 17 Aug 2019 12:54

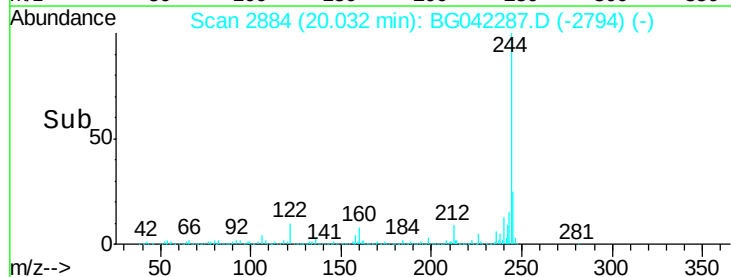
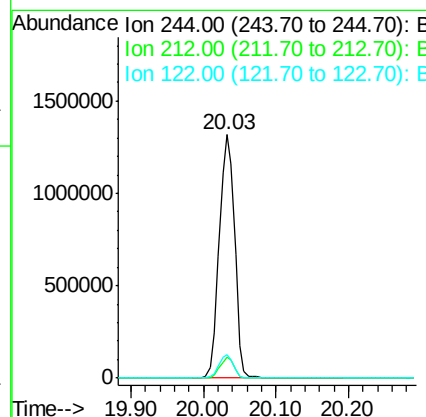
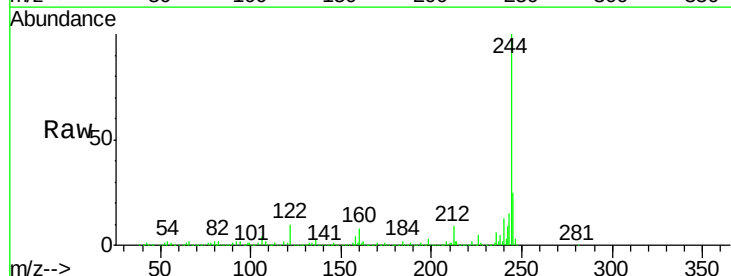
Instrument :
BNA_G
ClientSampleId :
TP-6

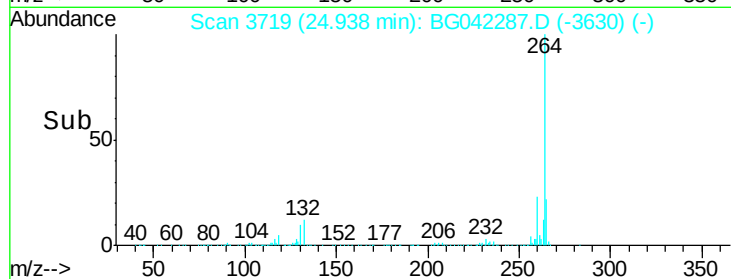
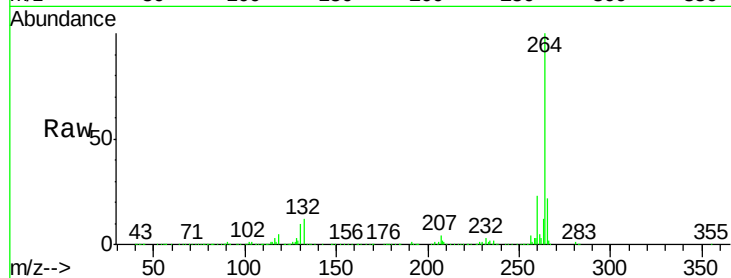
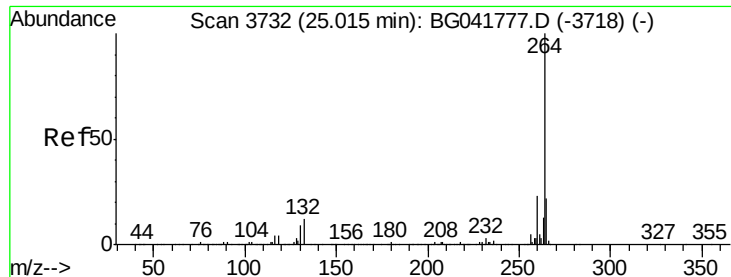
Tot Ion:240 Resp: 472869
Ion Ratio Lower Upper
240 100
120 8.0 8.0 12.0
236 26.7 22.6 33.8



#79
Terphenyl-d14
Concen: 94.052 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG042287.D
Acq: 17 Aug 2019 12:54

Tgt Ion:244 Resp: 1943587
Ion Ratio Lower Upper
244 100
212 8.8 9.7 14.5#
122 9.8 12.5 18.7#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.94 min Scan# 3719
 Delta R.T. -0.01 min
 Lab File: BG042287.D
 Acq: 17 Aug 2019 12:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.3	18.0	27.0

