

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042288.D
 Acq On : 17 Aug 2019 13:32
 Operator : HP/JU
 Sample : K4356-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Aug 19 07:20:19 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

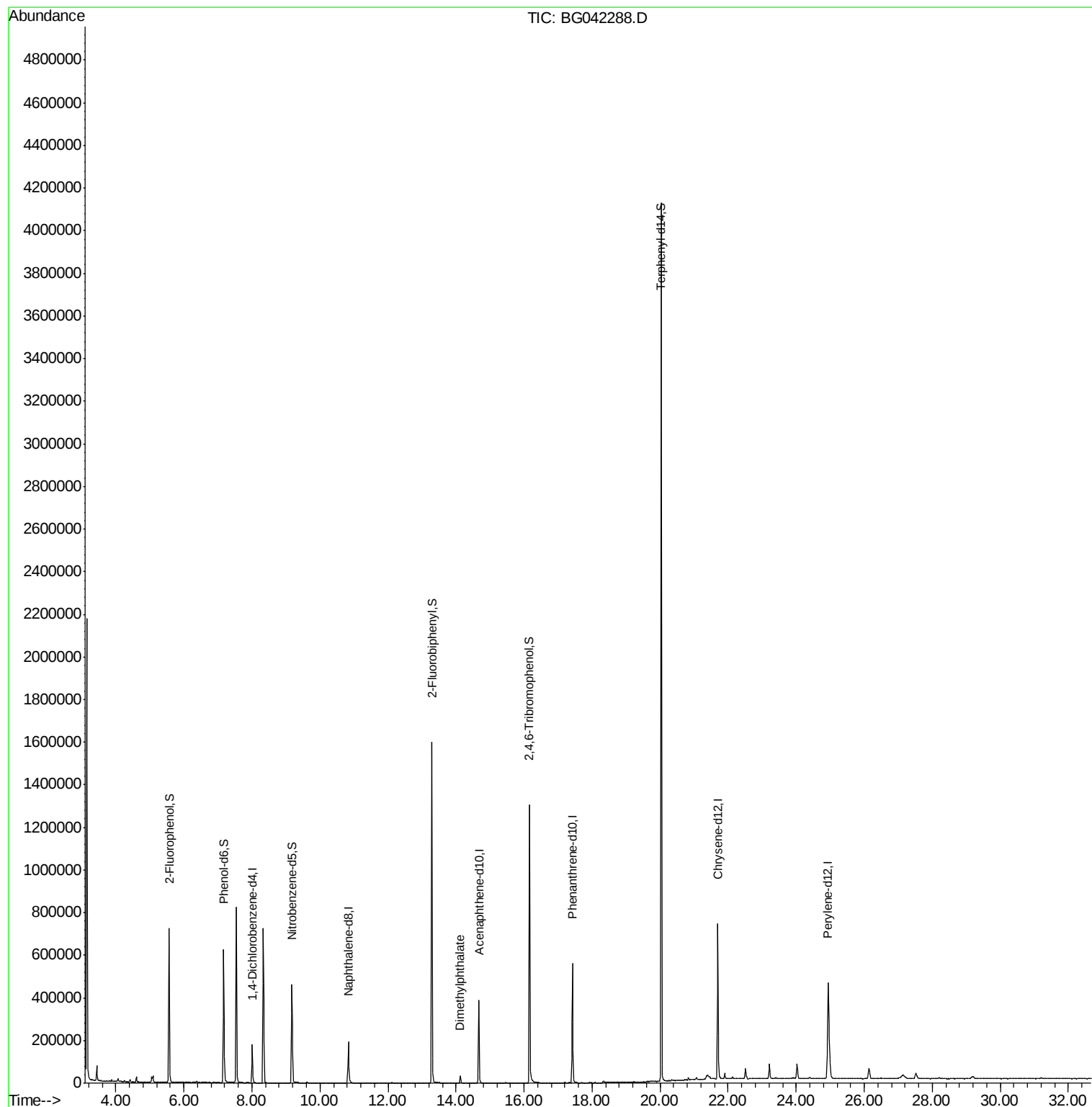
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60724	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	219428	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	161675	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	397475	20.00	ng	0.00
76) Chrysene-d12	21.70	240	467302	20.00	ng	0.00
87) Perylene-d12	24.94	264	535865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	370582	118.74	ng	0.00
7) Phenol-d6	7.17	99	448974	106.70	ng	0.00
23) Nitrobenzene-d5	9.18	82	315124	98.83	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	340527	185.43	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	968520	105.66	ng	0.00
79) Terphenyl-d14	20.03	244	1976839	96.80	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	44478	4.028	ng	Qvalue 98

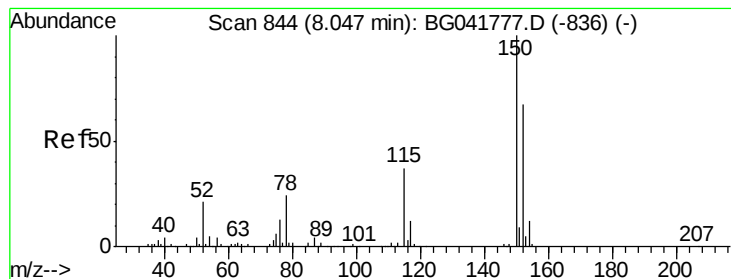
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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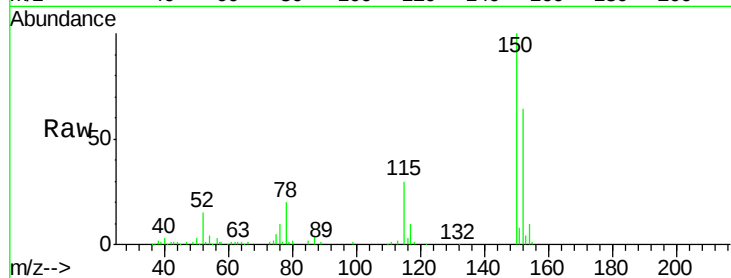


#1

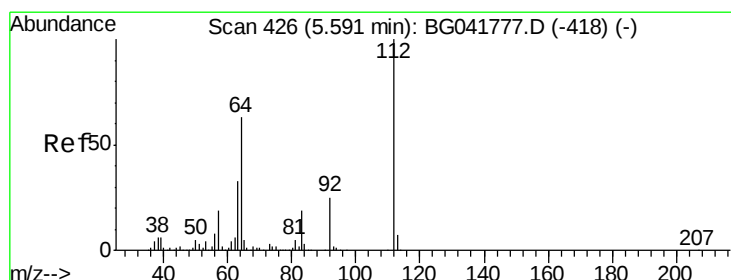
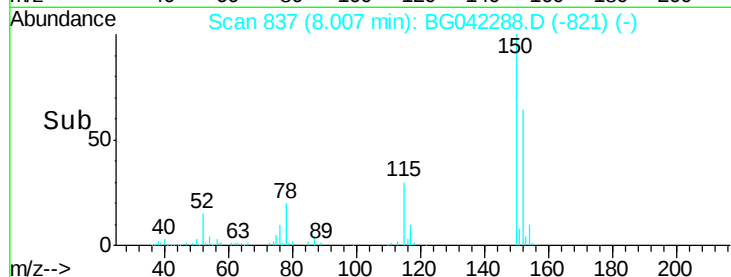
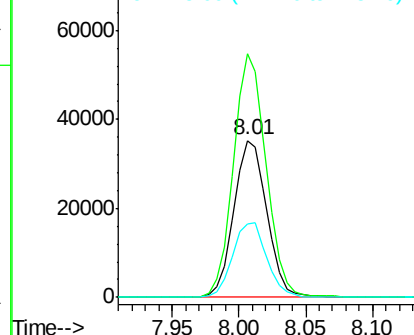
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042288.D
Acq: 17 Aug 2019 13:32

Instrument :
BNA_G
ClientSampleId :
TP-7

Tot Ion	152	Resp	60724
Ion Ratio	Lower	Upper	
152	100		
150	155.2	126.9	190.3
115	47.1	45.0	67.6



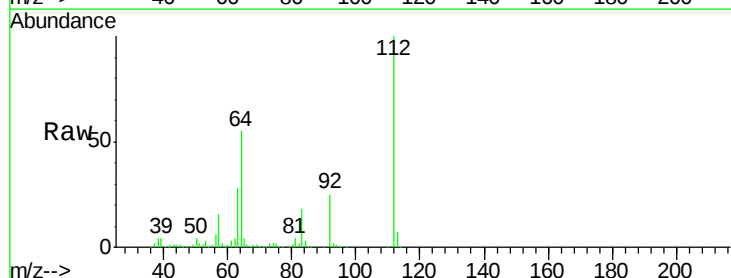
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



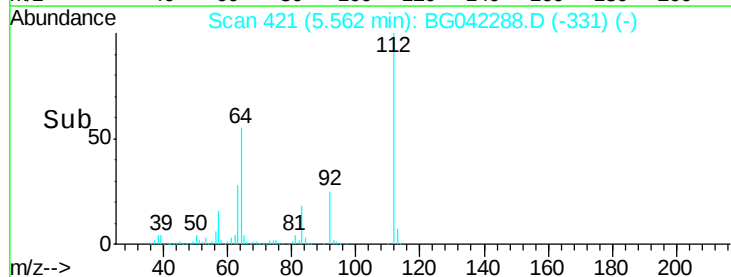
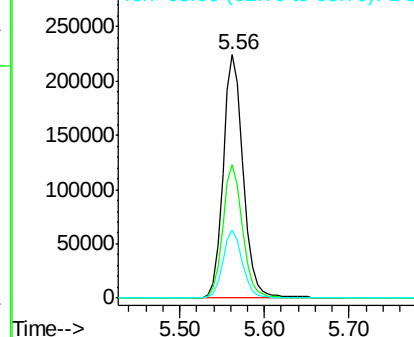
#5

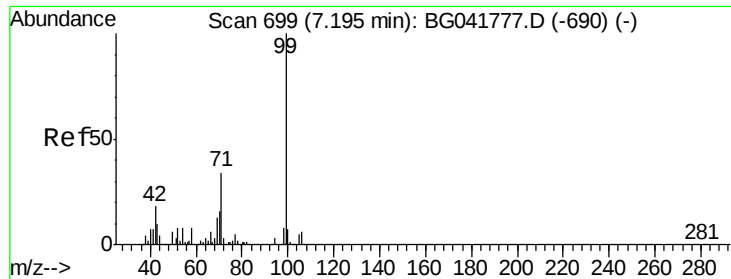
2-Fluorophenol
Concen: 118.736 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042288.D
Acq: 17 Aug 2019 13:32

Tgt Ion	112	Resp	370582
Ion Ratio	Lower	Upper	
112	100		
64	54.7	55.4	83.2#
63	28.1	29.1	43.7#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.703 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

Instrument :

BNA_G

ClientSampleId :

TP-7

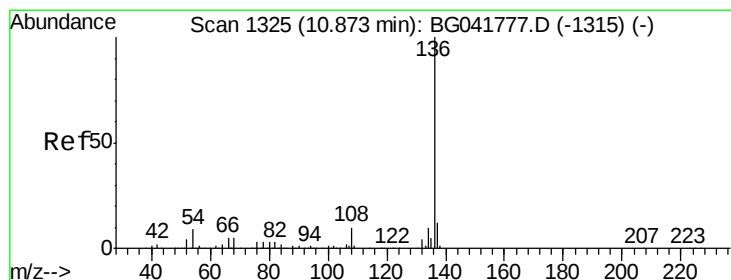
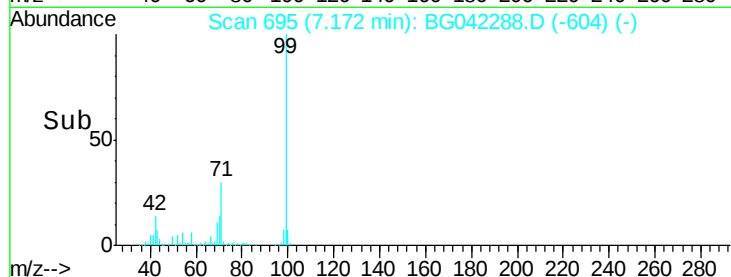
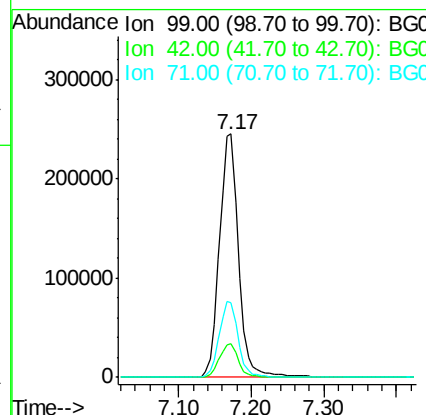
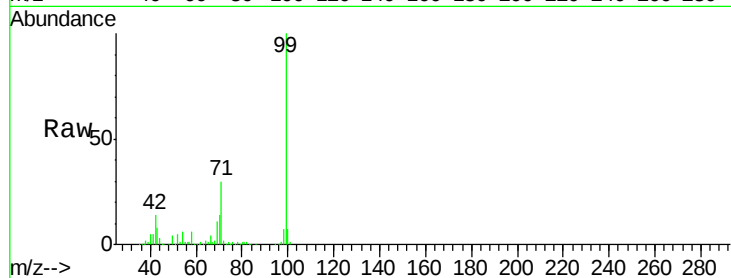
Tot Ion: 99 Resp: 448974

Ion Ratio Lower Upper

99 100

42 13.6 17.6 26.4#

71 30.4 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

Tgt Ion: 136 Resp: 219428

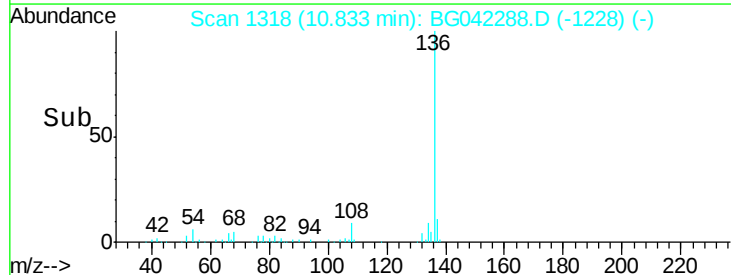
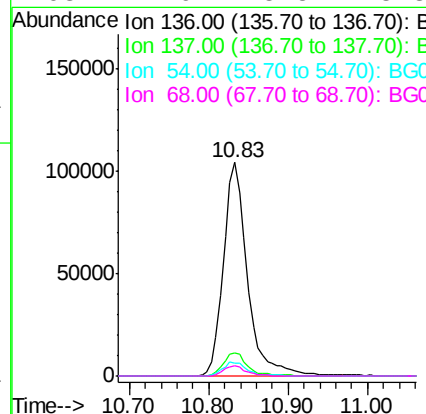
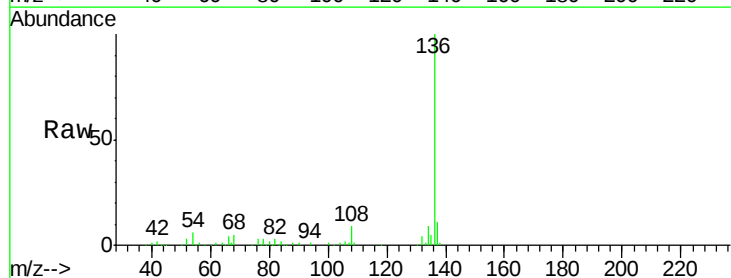
Ion Ratio Lower Upper

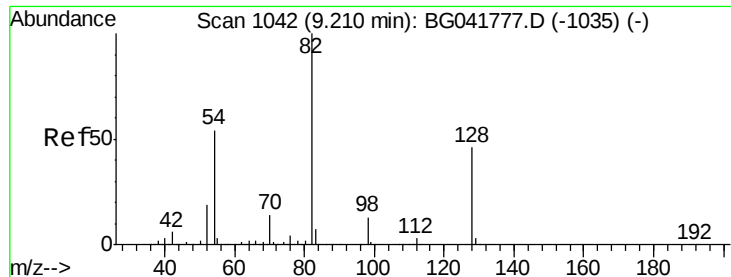
136 100

137 11.0 9.2 13.8

54 6.2 8.7 13.1#

68 4.9 5.5 8.3#

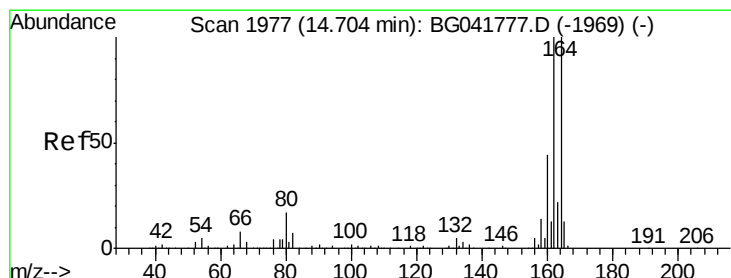
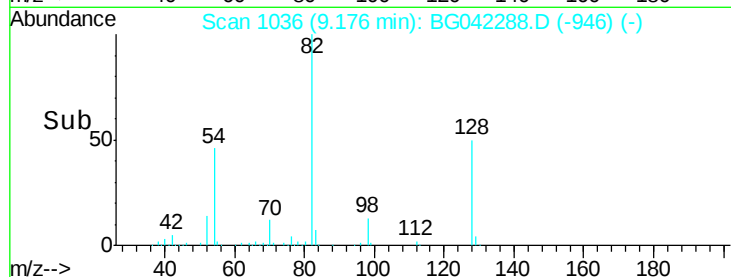
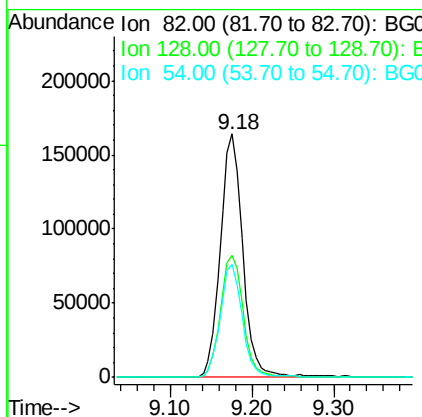
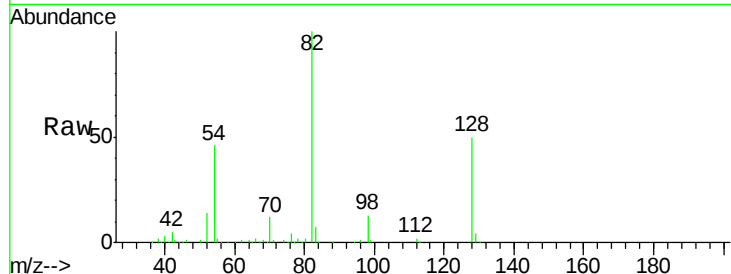




#23
Nitrobenzene-d5
Concen: 98.828 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042288.D
Acq: 17 Aug 2019 13:32

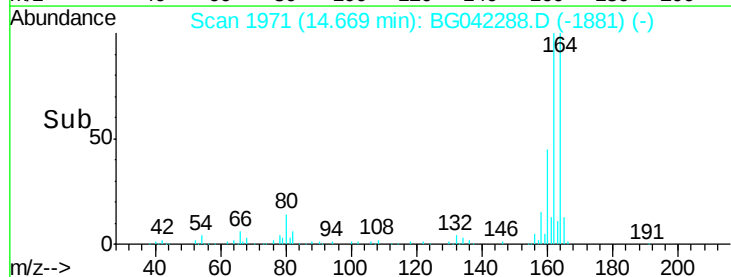
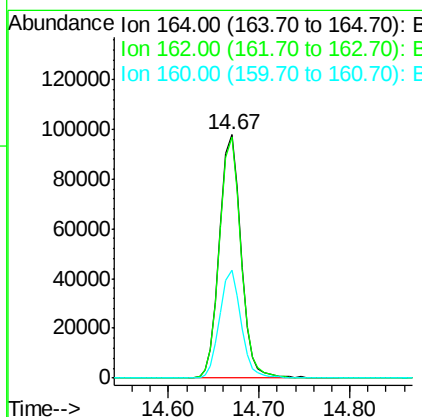
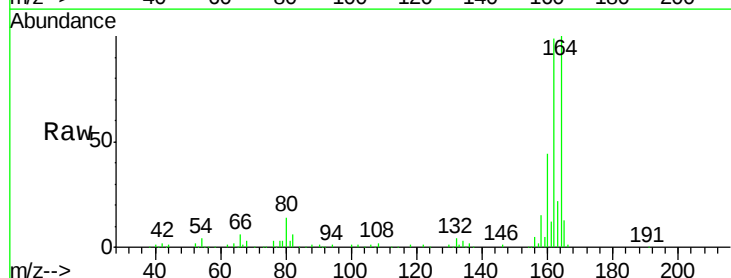
Instrument :
BNA_G
ClientSampled :
TP-7

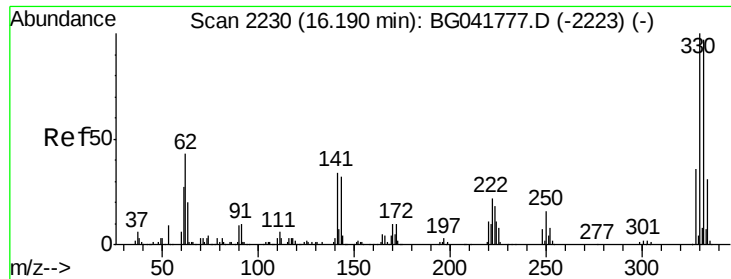
Tot Ion: 82 Resp: 315124
Ion Ratio Lower Upper
82 100
128 50.0 35.1 52.7
54 46.2 48.7 73.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG042288.D
Acq: 17 Aug 2019 13:32

Tgt Ion:164 Resp: 161675
Ion Ratio Lower Upper
164 100
162 99.1 79.6 119.4
160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 185.431 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

Instrument :

BNA_G

ClientSampled :

TP-7

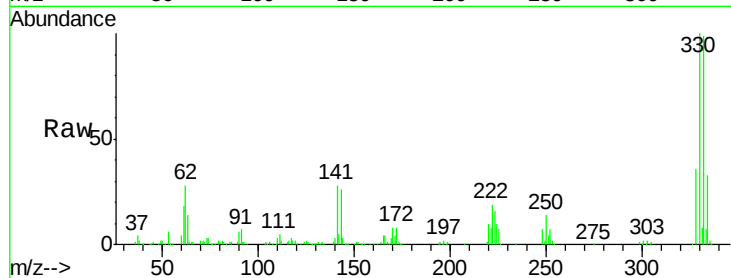
Tot Ion:330 Resp: 340527

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.0

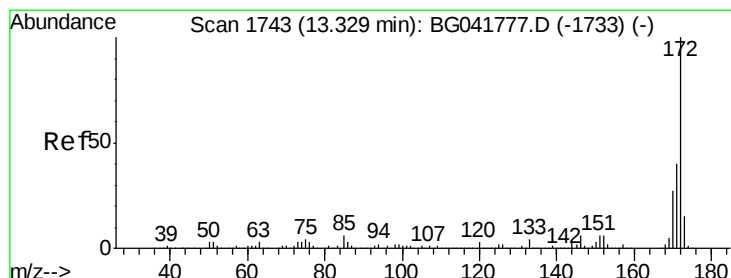
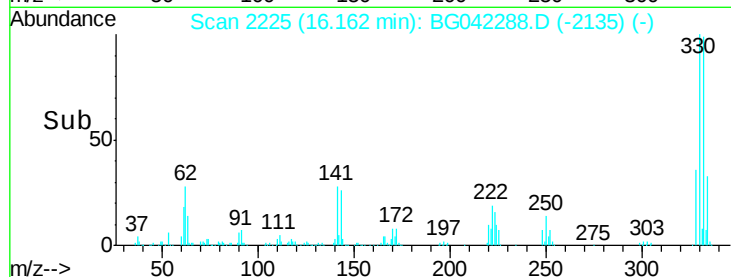
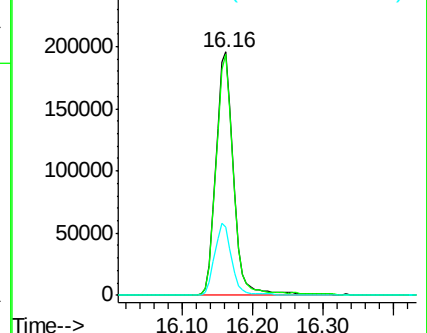
141 28.4 31.9 47.9#



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: 105.656 ng

RT: 13.29 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

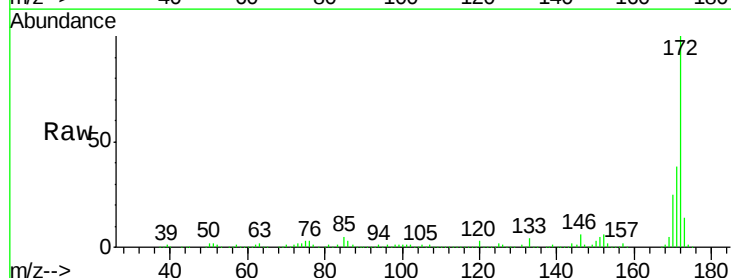
Tgt Ion:172 Resp: 968520

Ion Ratio Lower Upper

172 100

171 38.0 35.0 52.4

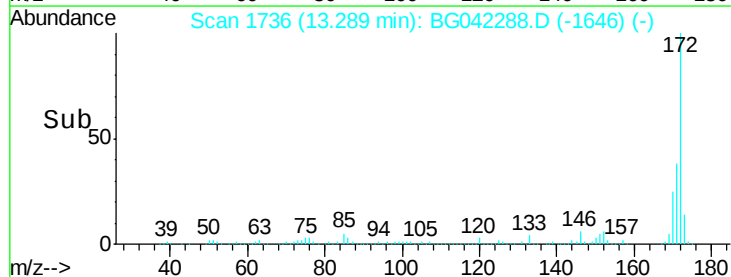
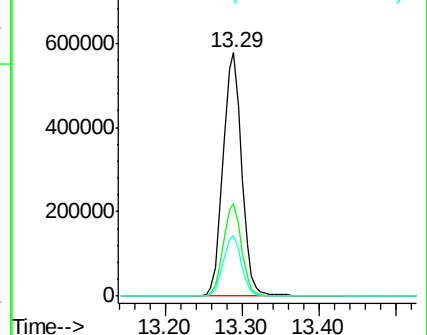
170 24.7 23.5 35.3

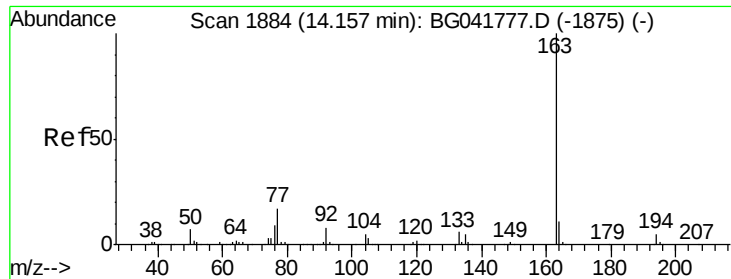


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.028 ng

RT: 14.12 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

Instrument :

BNA_G

ClientSampled :

TP-7

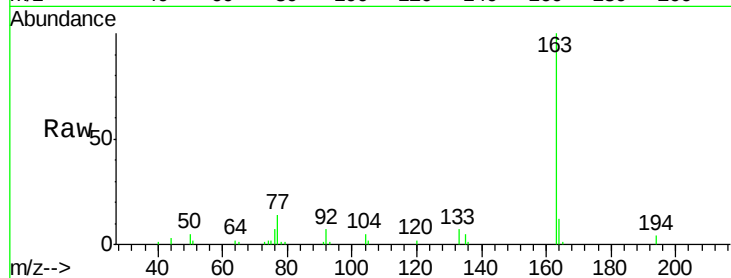
Tot Ion:163 Resp: 44478

Ion Ratio Lower Upper

163 100

194 4.3 4.2 6.2

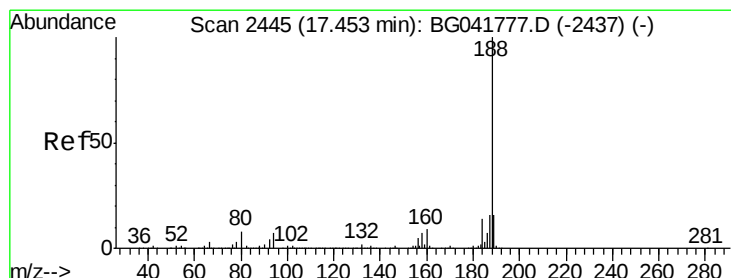
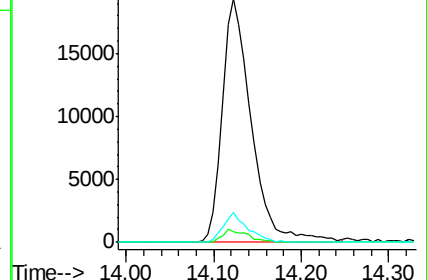
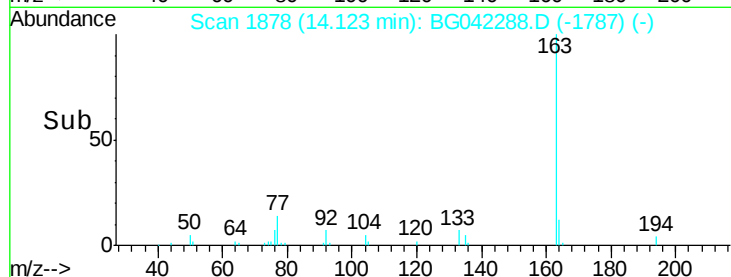
164 12.3 9.4 14.2



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: BG042288.D

Acq: 17 Aug 2019 13:32

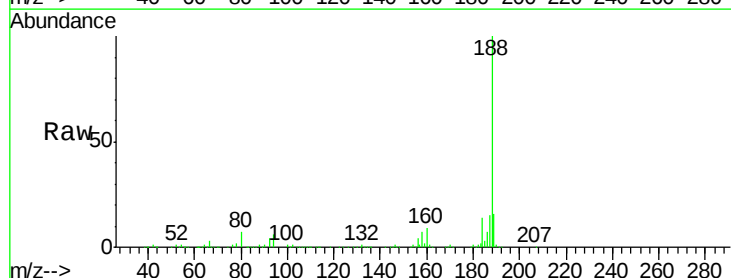
Tgt Ion:188 Resp: 397475

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

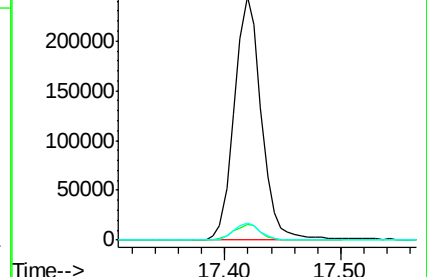
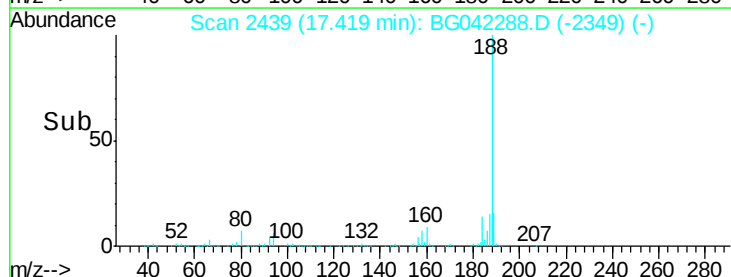
80 7.0 8.0 12.0#

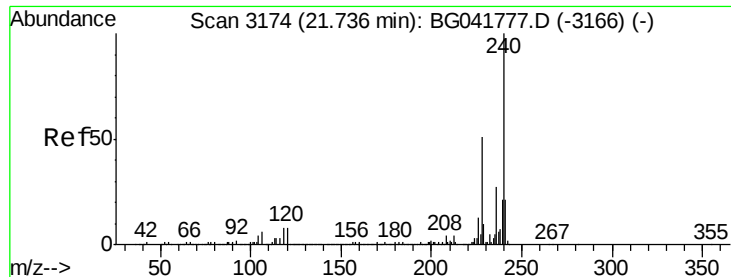


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

Instrument :

BNA_G

ClientSampleId :

TP-7

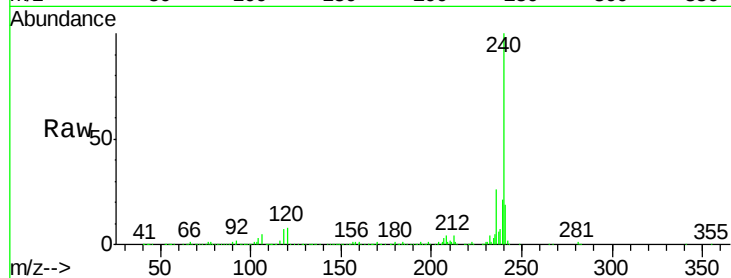
Tot Ion:240 Resp: 467302

Ion Ratio Lower Upper

240 100

120 7.7 8.0 12.0#

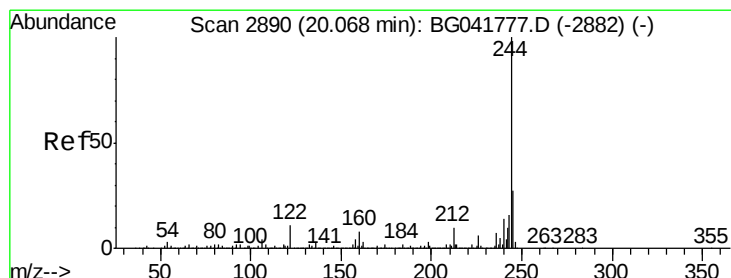
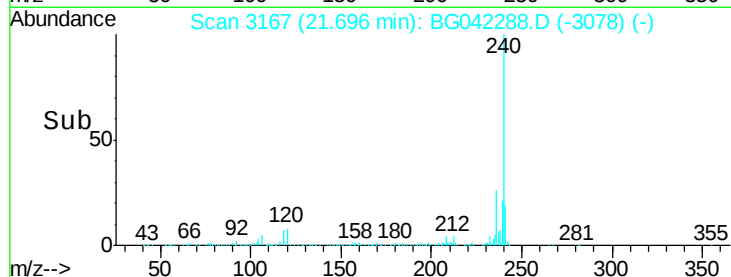
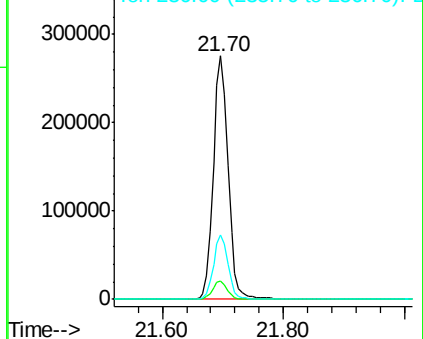
236 26.4 22.6 33.8



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: 96.801 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG042288.D

Acq: 17 Aug 2019 13:32

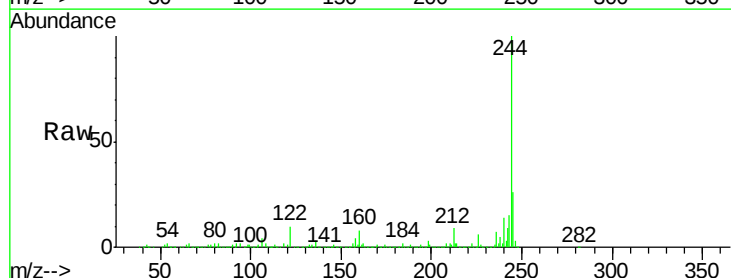
Tgt Ion:244 Resp: 1976839

Ion Ratio Lower Upper

244 100

212 9.1 9.7 14.5#

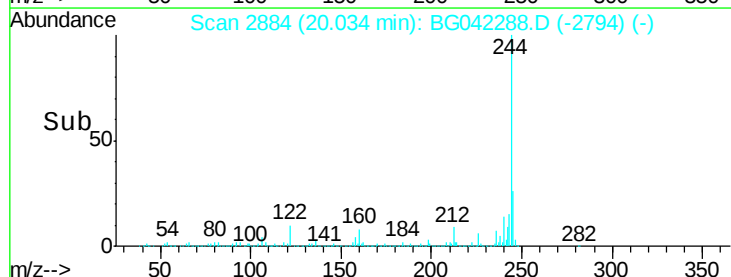
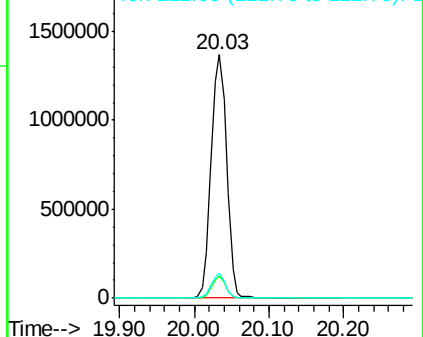
122 10.4 12.5 18.7#

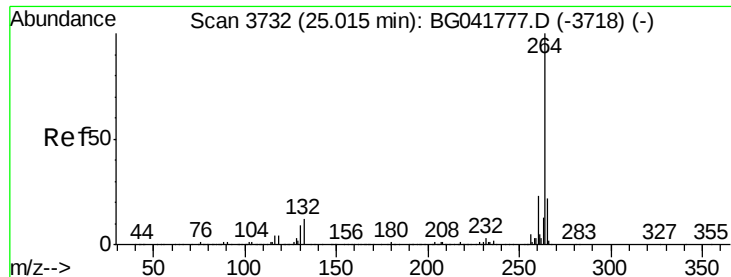


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.94 min Scan# 3719
 Delta R.T. -0.00 min
 Lab File: BG042288.D
 Acq: 17 Aug 2019 13:32

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.1	18.0	27.0

