

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042295.D
 Acq On : 17 Aug 2019 18:01
 Operator : HP/JU
 Sample : K3616-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-B

Quant Time: Aug 19 07:31:51 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	59872	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	221385	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	160040	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	397615	20.00	ng	0.00
76) Chrysene-d12	21.70	240	482603	20.00	ng	0.00
87) Perylene-d12	24.94	264	545856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	388181	126.14	ng	0.00
7) Phenol-d6	7.17	99	454256	109.49	ng	0.00
23) Nitrobenzene-d5	9.18	82	336410	104.57	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	339747	186.90	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1014303	111.78	ng	0.00
79) Terphenyl-d14	20.03	244	2063511	97.84	ng	0.00

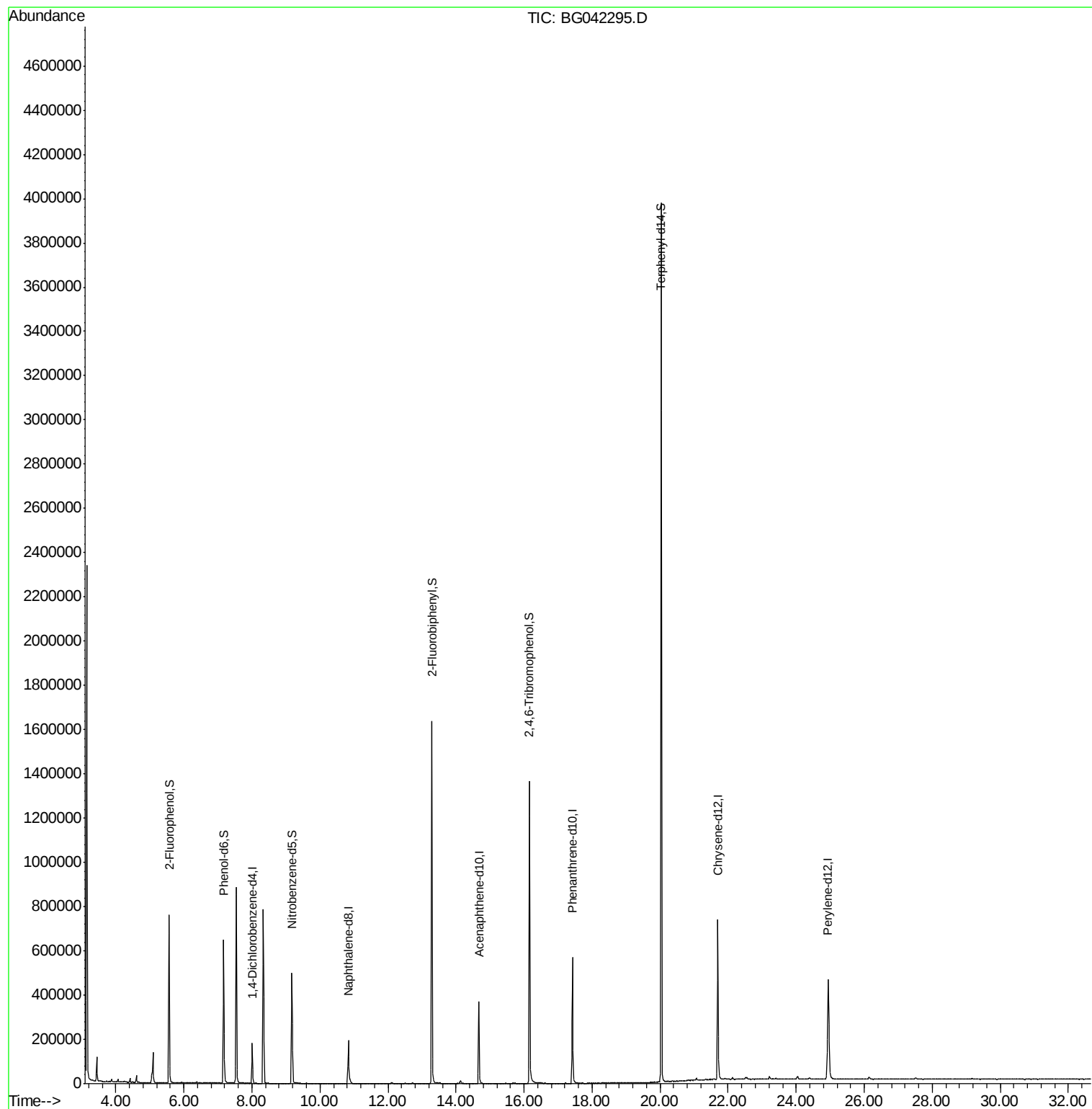
Target Compounds Qvalue

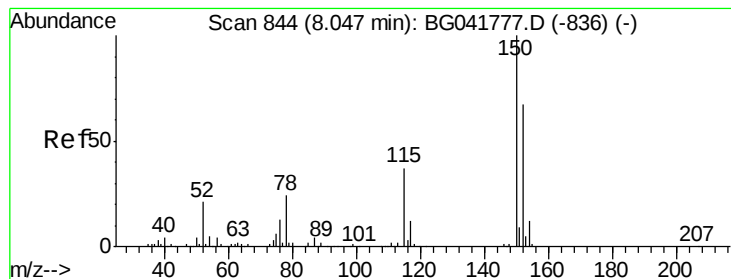
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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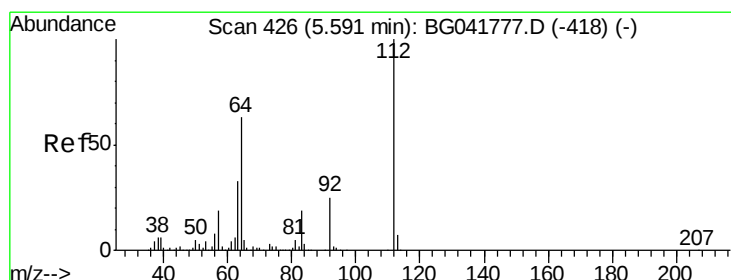
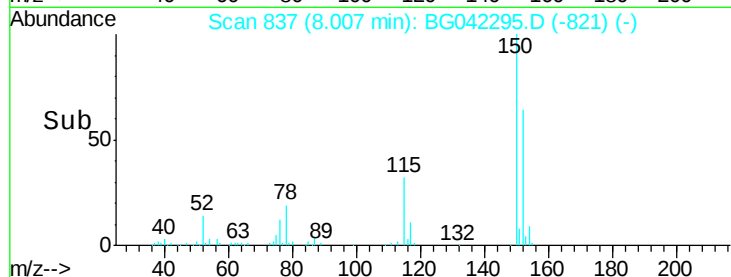
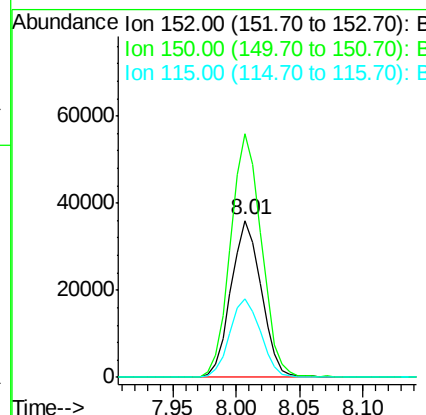
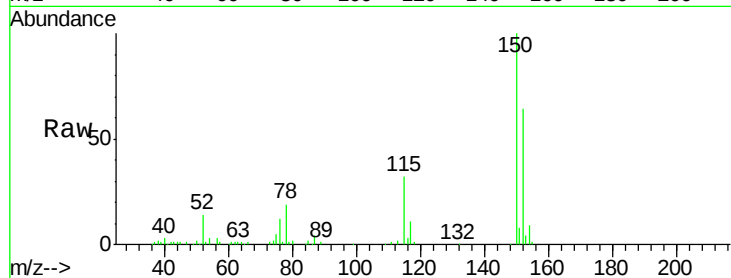


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-B

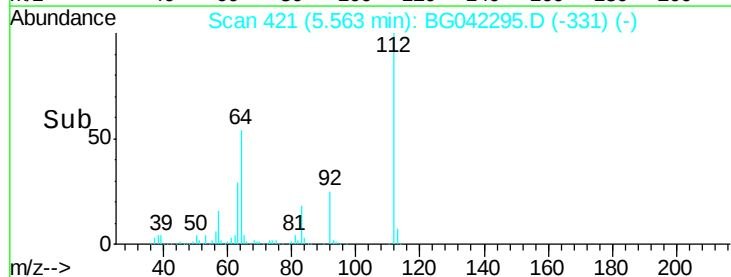
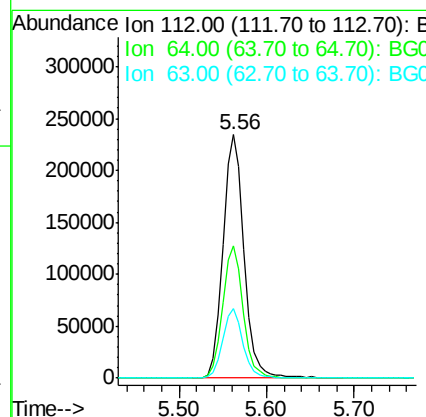
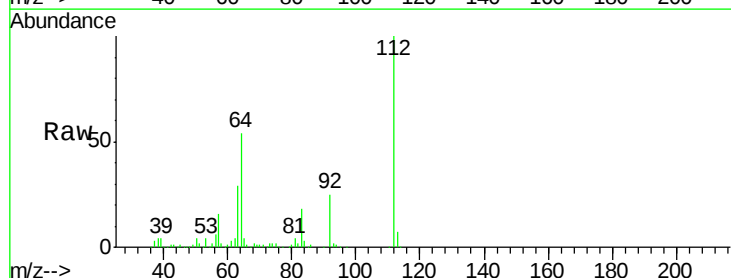
Tot Ion	152	Resp	59872
Ion Ratio	Lower	Upper	
152	100		
150	155.3	126.9	190.3
115	50.3	45.0	67.6

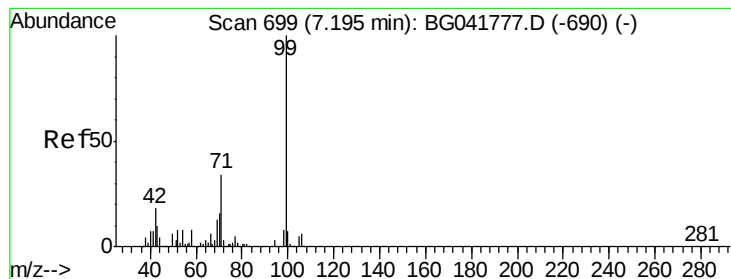


#5

2-Fluorophenol
Concen: 126.145 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Tgt Ion	112	Resp	388181
Ion Ratio	Lower	Upper	
112	100		
64	54.4	55.4	83.2#
63	28.6	29.1	43.7#





#7

Phenol-d6

Concen: 109.495 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042295.D

Acq: 17 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-B

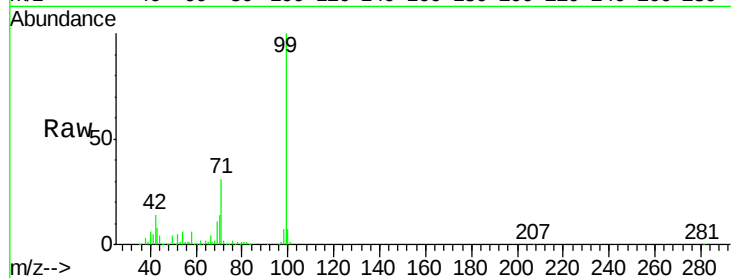
Tot Ion: 99 Resp: 454256

Ion Ratio Lower Upper

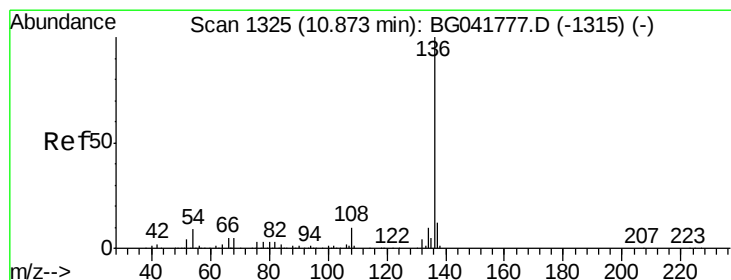
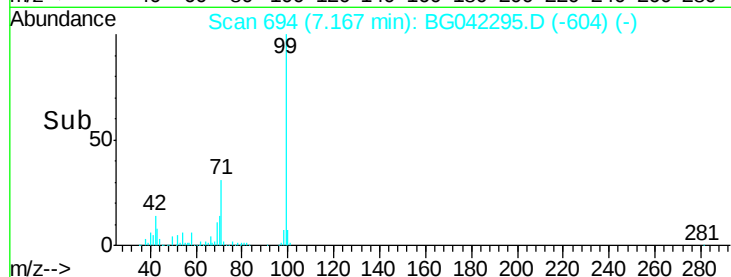
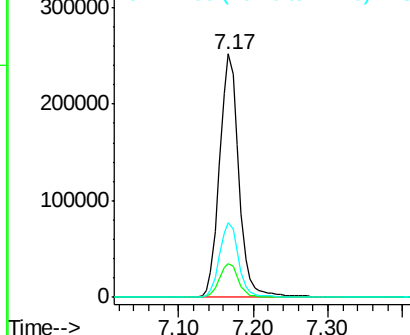
99 100

42 13.9 17.6 26.4#

71 30.8 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: BG042295.D

Acq: 17 Aug 2019 18:01

Tgt Ion: 136 Resp: 221385

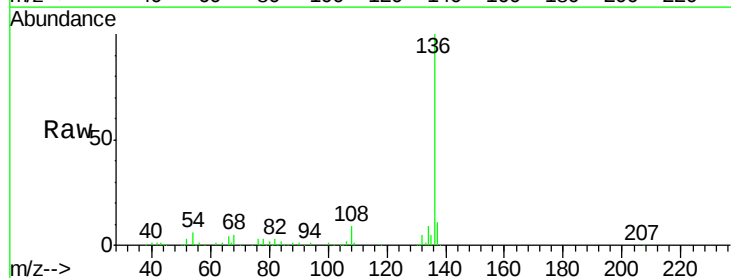
Ion Ratio Lower Upper

136 100

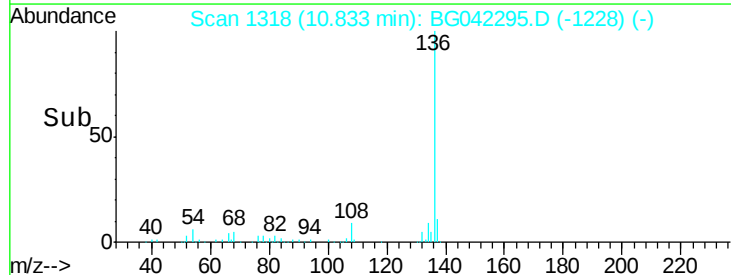
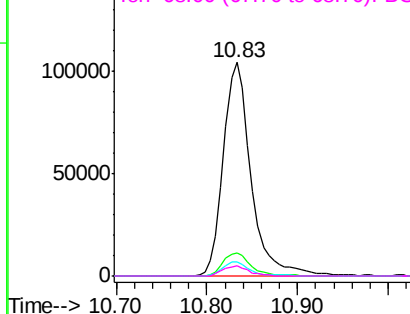
137 10.9 9.2 13.8

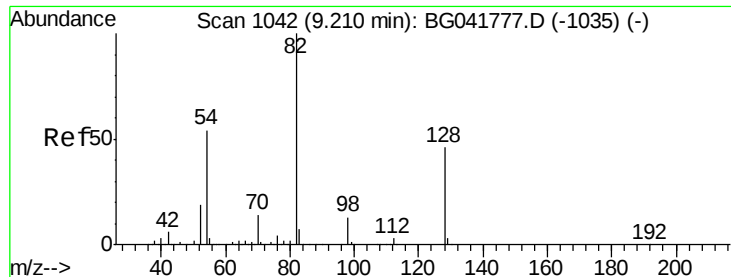
54 6.4 8.7 13.1#

68 4.7 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

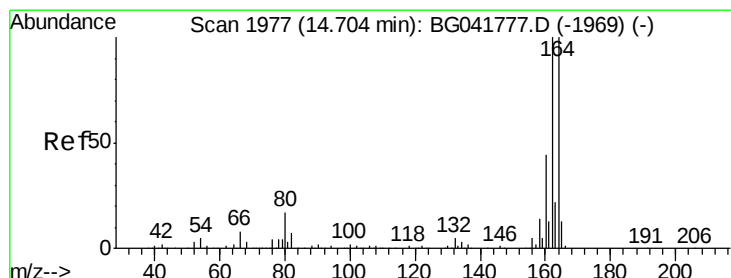
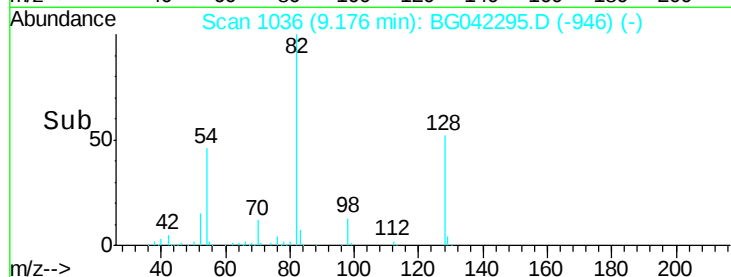
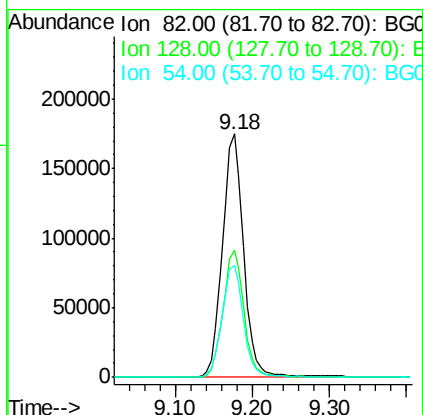
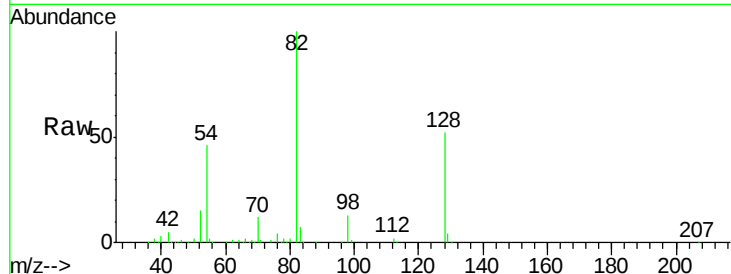




#23
Nitrobenzene-d5
Concen: 104.571 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

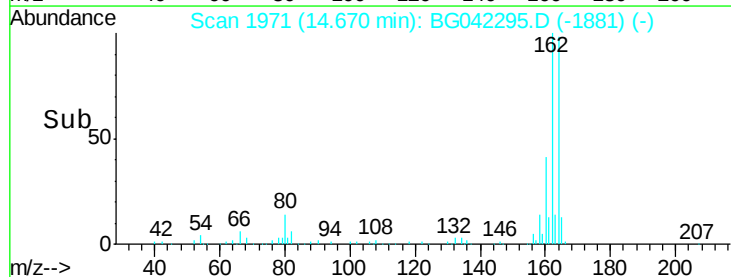
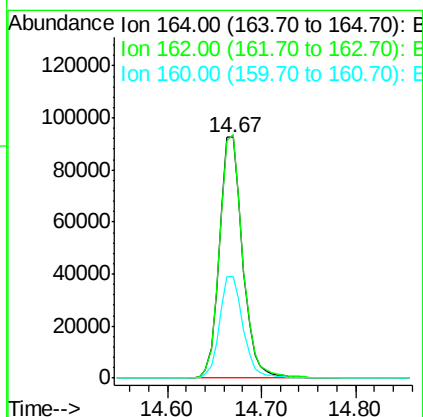
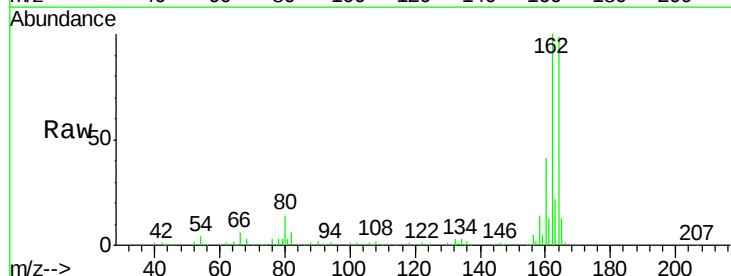
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-B

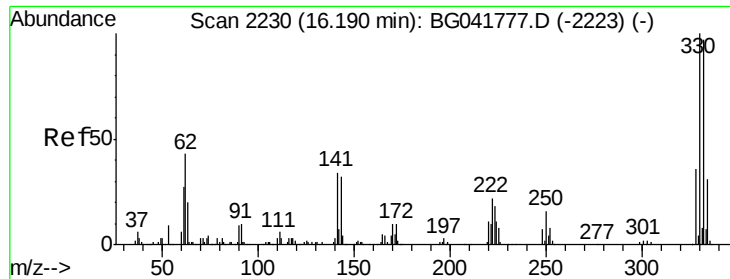
Tot Ion: 82 Resp: 336410
Ion Ratio Lower Upper
82 100
128 52.1 35.1 52.7
54 46.0 48.7 73.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Tgt Ion:164 Resp: 160040
Ion Ratio Lower Upper
164 100
162 101.1 79.6 119.4
160 41.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 186.896 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042295.D

Acq: 17 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-B

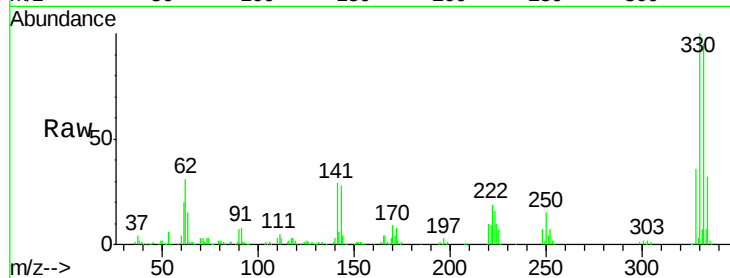
Tot Ion:330 Resp: 339747

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

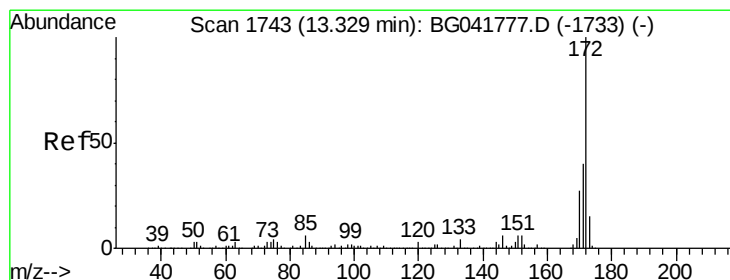
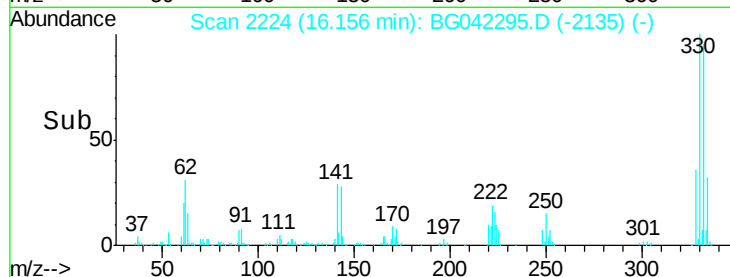
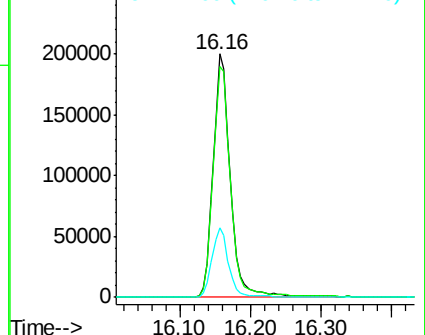
141 28.3 31.9 47.9#



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: 111.781 ng

RT: 13.29 min Scan# 1736

Delta R.T. 0.00 min

Lab File: BG042295.D

Acq: 17 Aug 2019 18:01

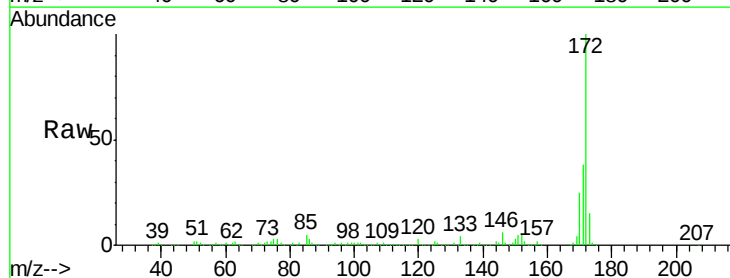
Tgt Ion:172 Resp: 1014303

Ion Ratio Lower Upper

172 100

171 37.8 35.0 52.4

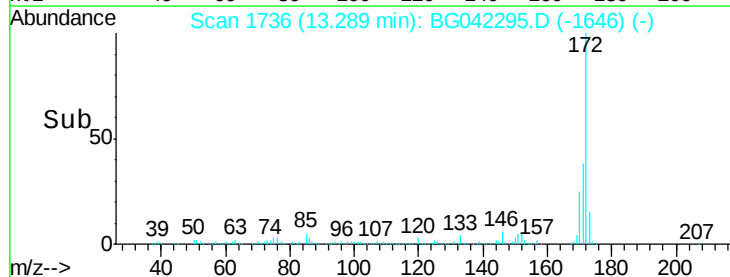
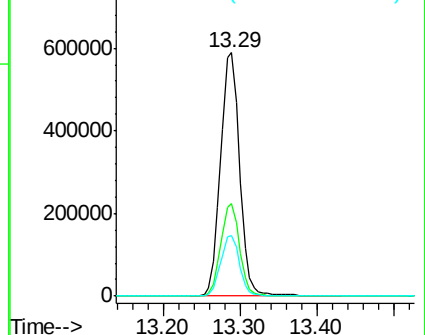
170 25.0 23.5 35.3

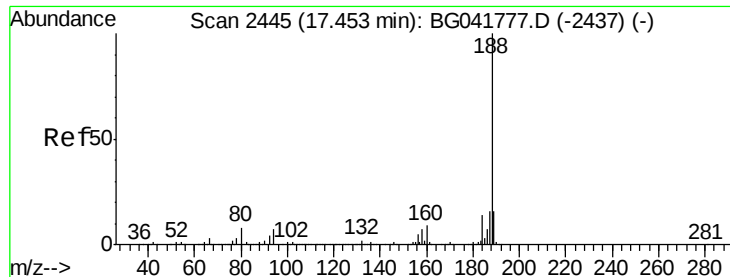


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

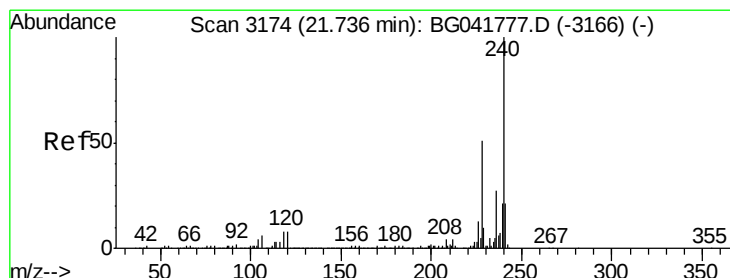
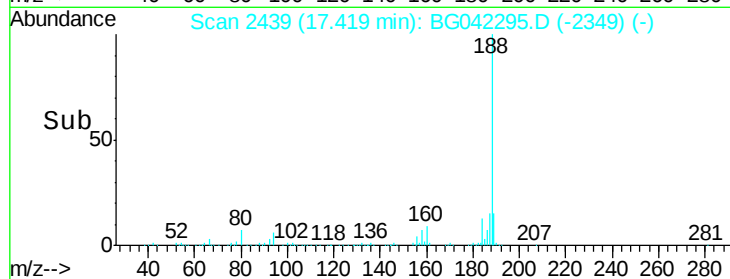
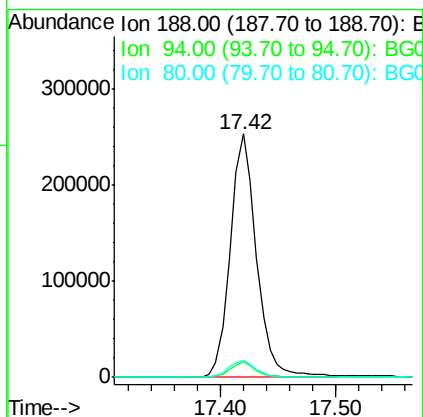
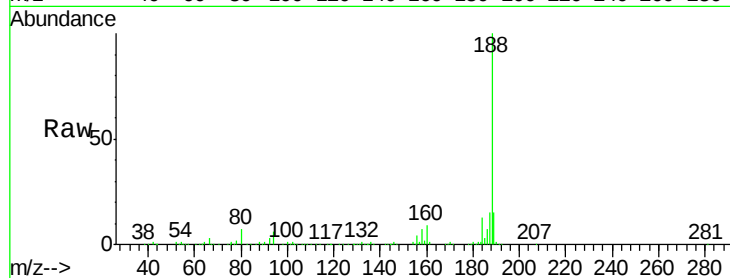




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

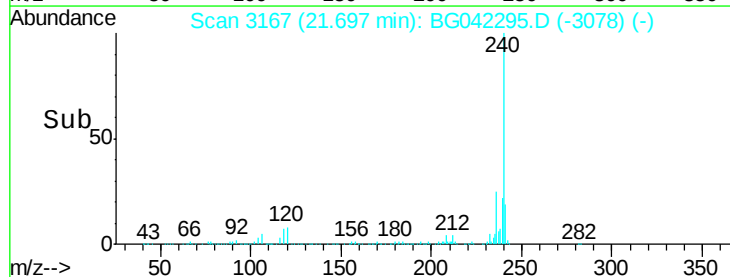
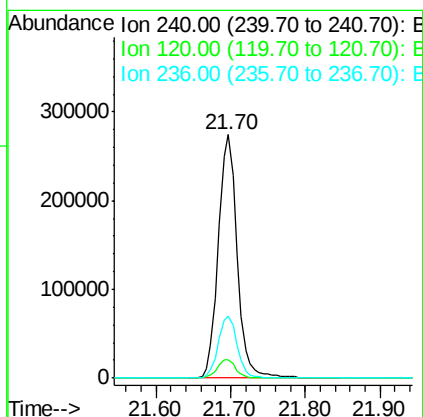
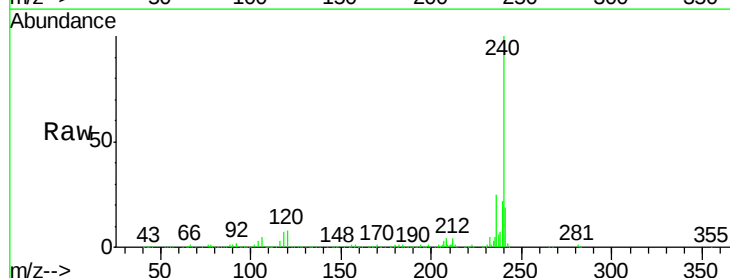
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-B

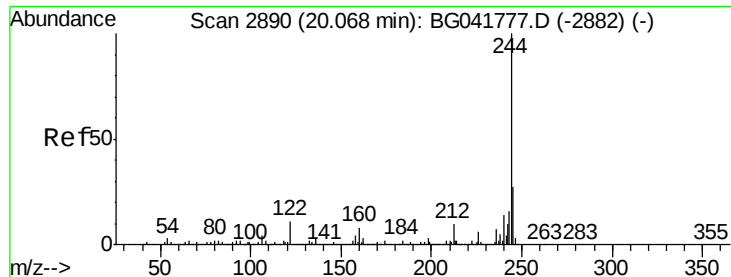
Tot Ion:188 Resp: 397615
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 6.8 8.0 12.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Tgt Ion:240 Resp: 482603
Ion Ratio Lower Upper
240 100
120 7.5 8.0 12.0#
236 25.4 22.6 33.8





#79

Terphenyl-d14

Concen: 97.841 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG042295.D

Acq: 17 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-B

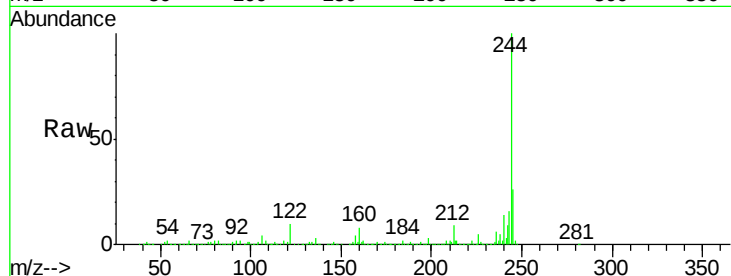
Tot Ion:244 Resp: 2063511

Ion Ratio Lower Upper

244 100

212 8.8 9.7 14.5#

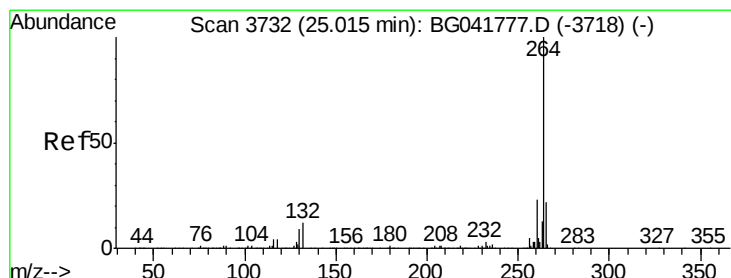
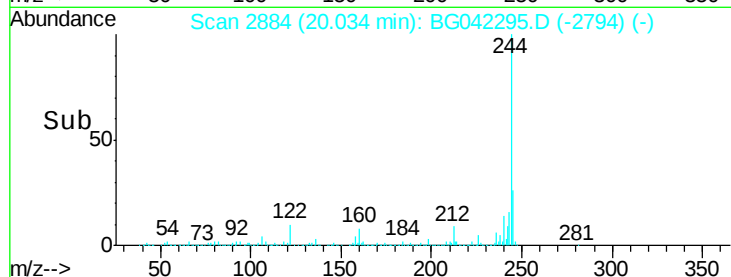
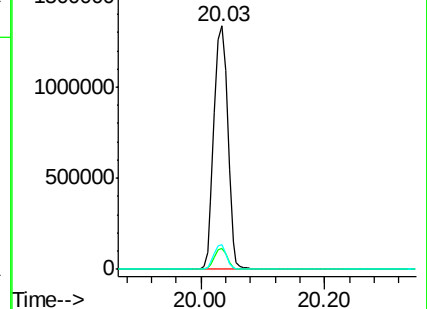
122 9.9 12.5 18.7#



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: 24.94 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BG042295.D

Acq: 17 Aug 2019 18:01

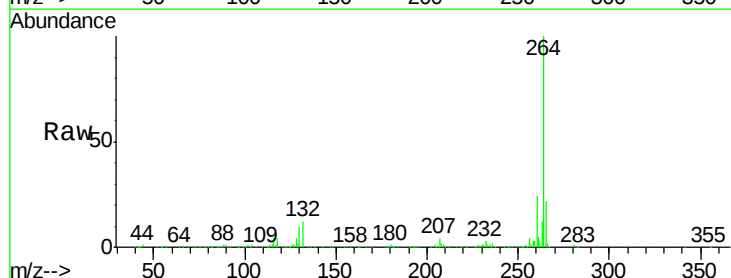
Tgt Ion:264 Resp: 545856

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.9 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

