

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042316.D
 Acq On : 18 Aug 2019 10:03
 Operator : HP/JU
 Sample : K4339-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T8-A1-A4-(0-4)

Quant Time: Aug 19 08:26:50 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

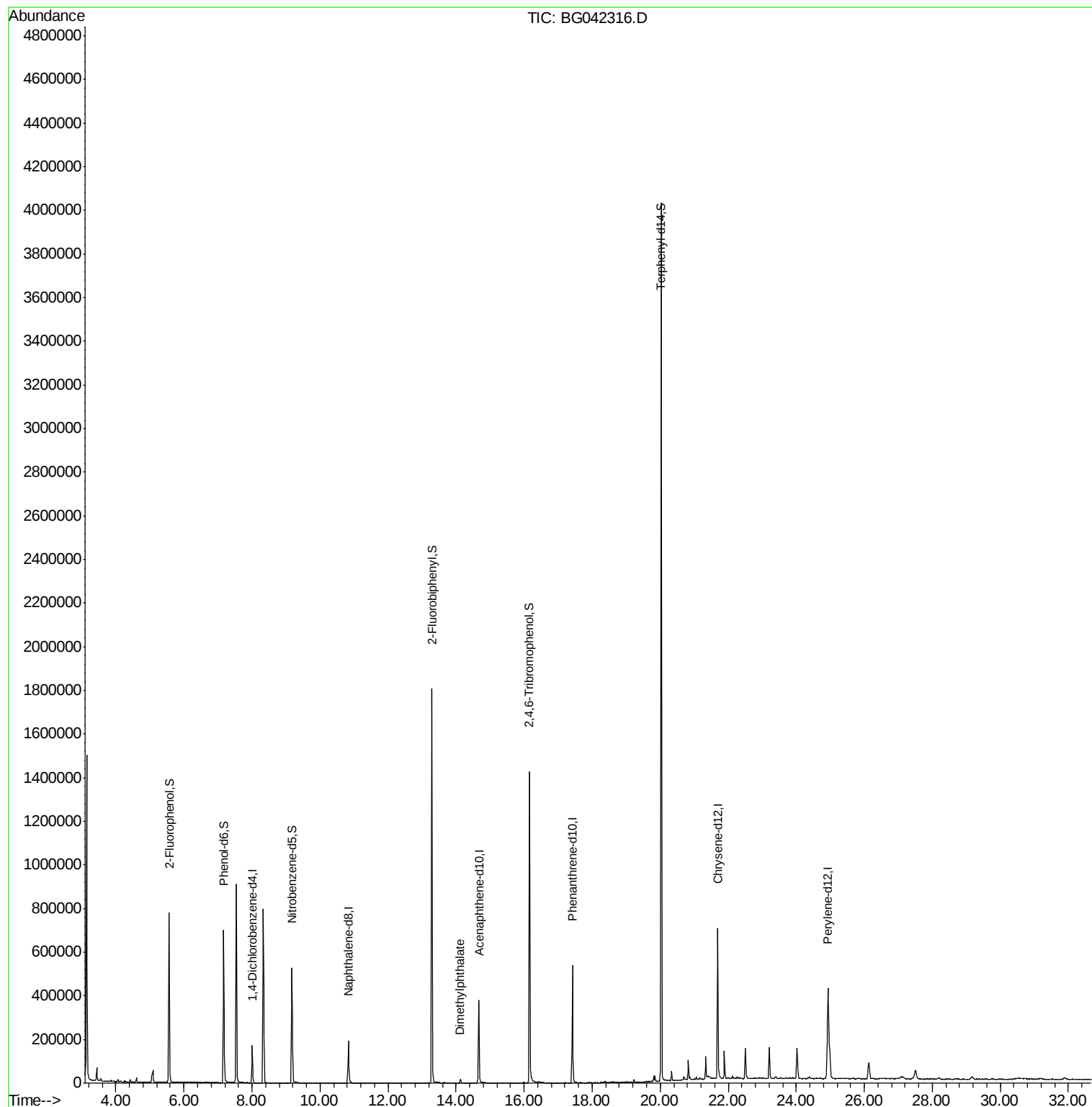
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	57889	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	214068	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	157714	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	384763	20.00	ng	0.00
76) Chrysene-d12	21.69	240	435789	20.00	ng	-0.01
87) Perylene-d12	24.93	264	499772	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	401964	135.10	ng	0.00
7) Phenol-d6	7.17	99	491407	122.51	ng	0.00
23) Nitrobenzene-d5	9.17	82	347664	111.76	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	366291	204.47	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1074151	120.12	ng	0.00
79) Terphenyl-d14	20.03	244	2035028	106.86	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	22530	2.092	ng	Qvalue 100

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

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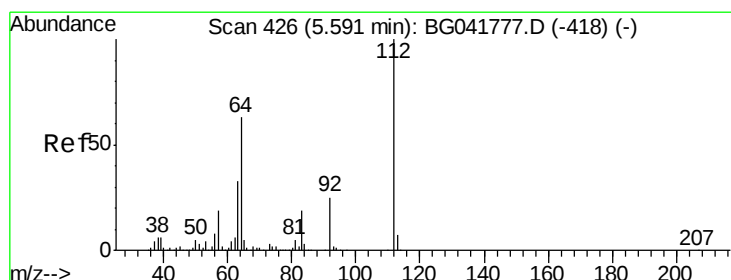
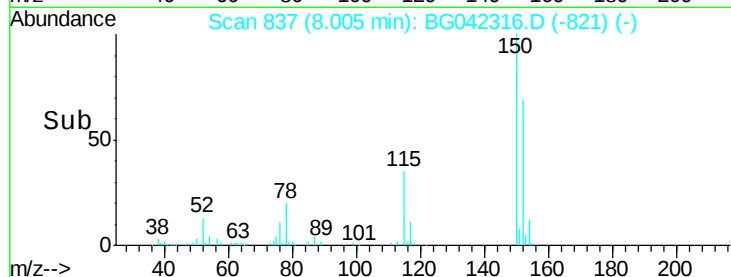
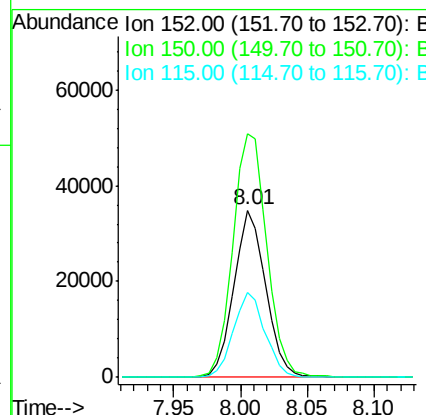
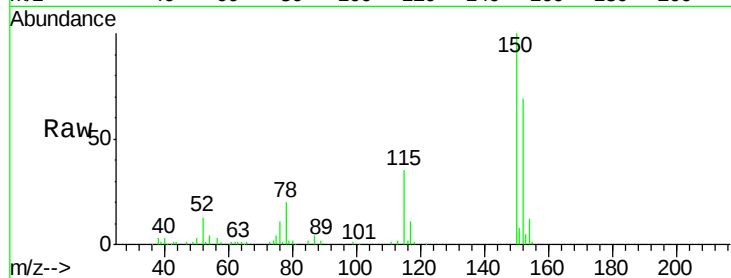


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042316.D
Acq: 18 Aug 2019 10:03

Instrument :
BNA_G
ClientSampleId :
T8-A1-A4-(0-4)

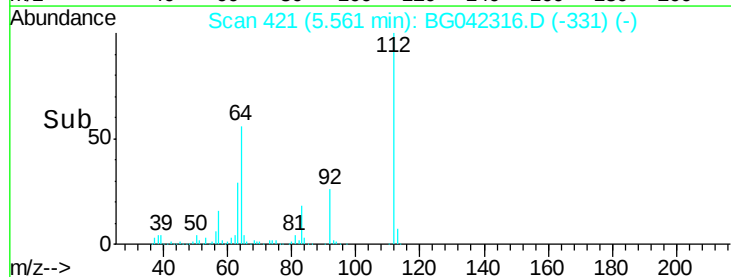
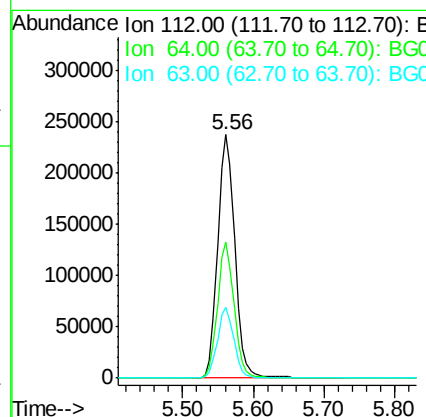
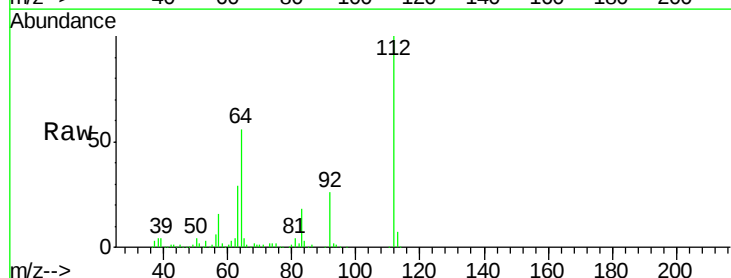
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	126.9	190.3
115	51.2	45.0	67.6



#5

2-Fluorophenol
Concen: 135.098 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG042316.D
Acq: 18 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	55.4	83.2
63	28.8	29.1	43.7#





#7

Phenol-d6

Concen: 122.507 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042316.D

Acq: 18 Aug 2019 10:03

Instrument :

BNA_G

ClientSampleId :

T8-A1-A4-(0-4)

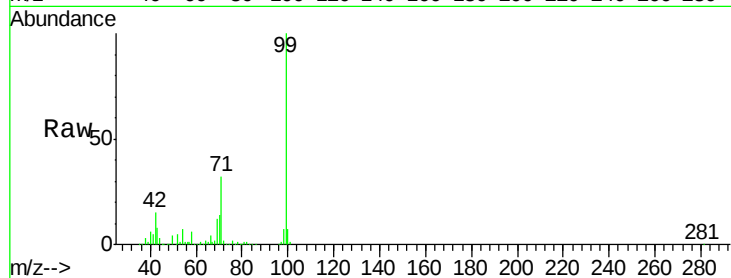
Tot Ion: 99 Resp: 491407

Ion Ratio Lower Upper

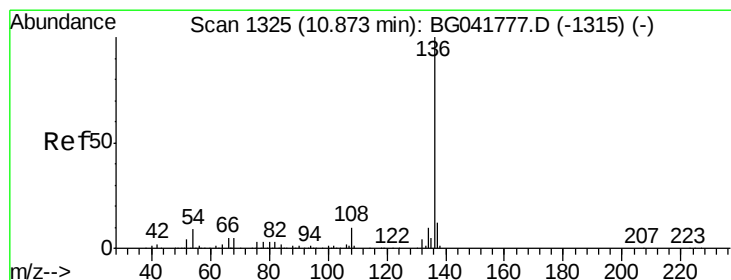
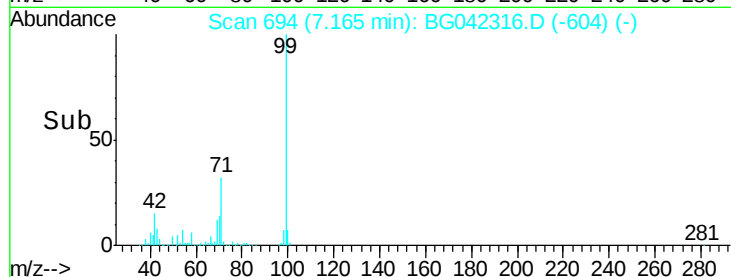
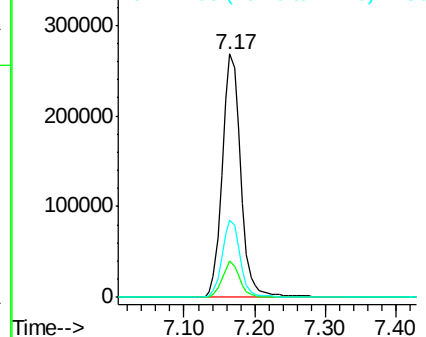
99 100

42 14.7 17.6 26.4#

71 31.7 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: BG042316.D

Acq: 18 Aug 2019 10:03

Tgt Ion: 136 Resp: 214068

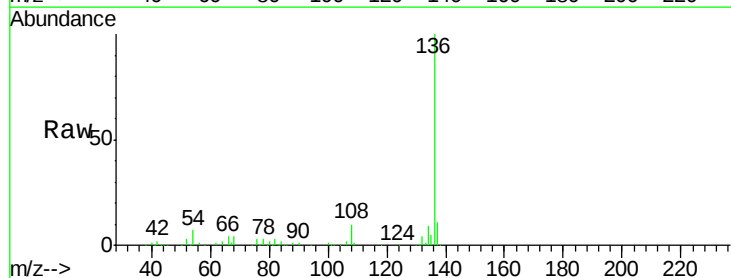
Ion Ratio Lower Upper

136 100

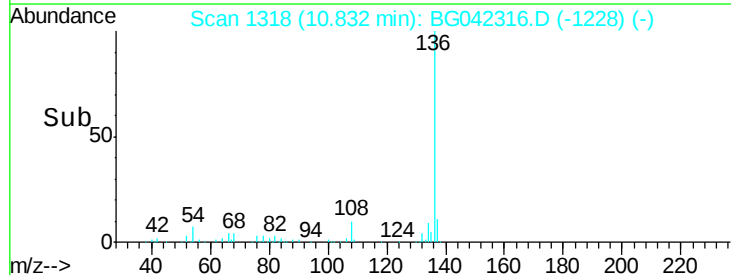
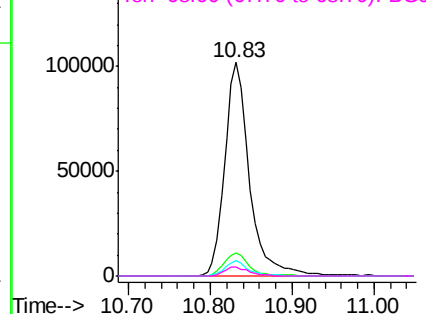
137 11.1 9.2 13.8

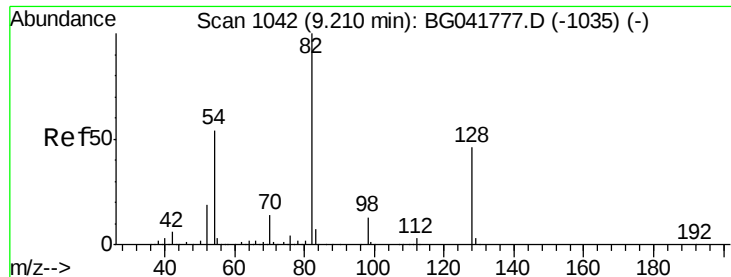
54 7.0 8.7 13.1#

68 4.3 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

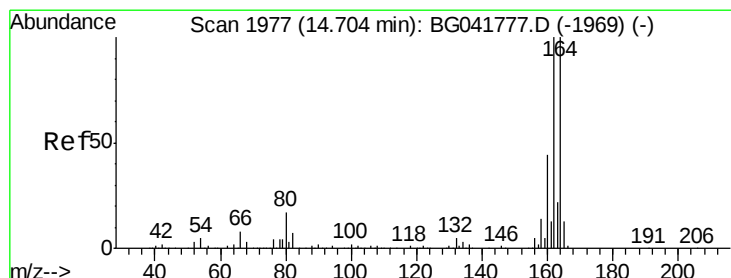
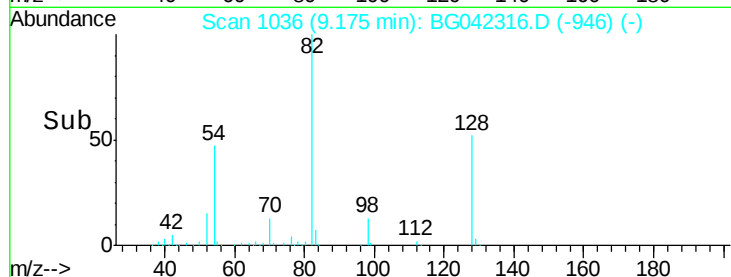
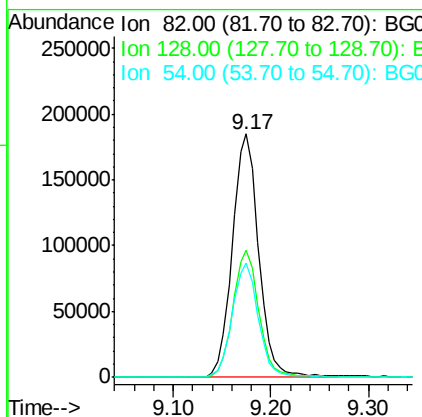
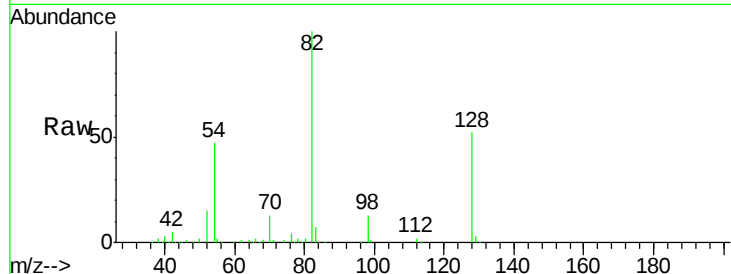




#23
Nitrobenzene-d5
Concen: 111.763 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG042316.D
Acq: 18 Aug 2019 10:03

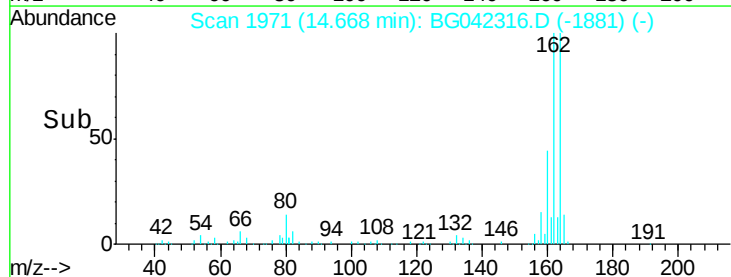
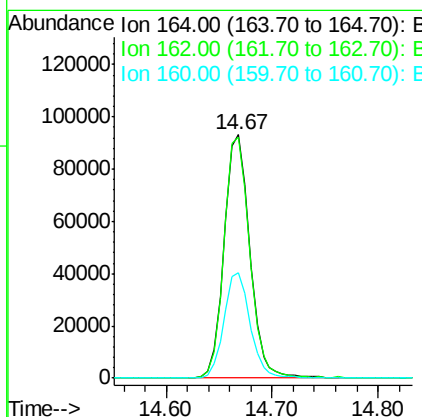
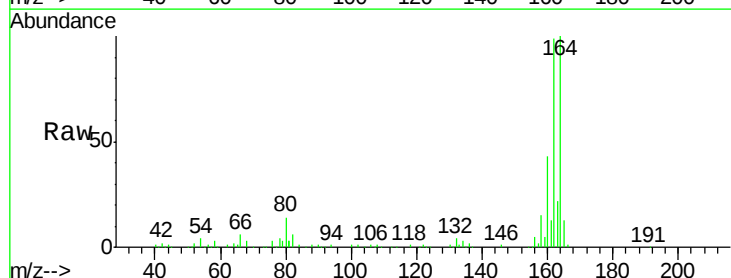
Instrument :
BNA_G
ClientSampleId :
T8-A1-A4-(0-4)

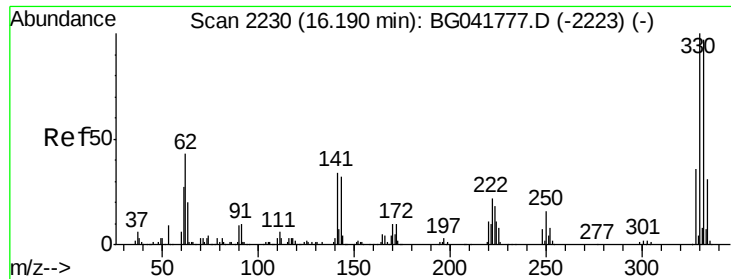
Tot Ion: 82 Resp: 347664
Ion Ratio Lower Upper
82 100
128 52.1 35.1 52.7
54 47.1 48.7 73.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG042316.D
Acq: 18 Aug 2019 10:03

Tgt Ion: 164 Resp: 157714
Ion Ratio Lower Upper
164 100
162 99.0 79.6 119.4
160 43.3 35.4 53.0

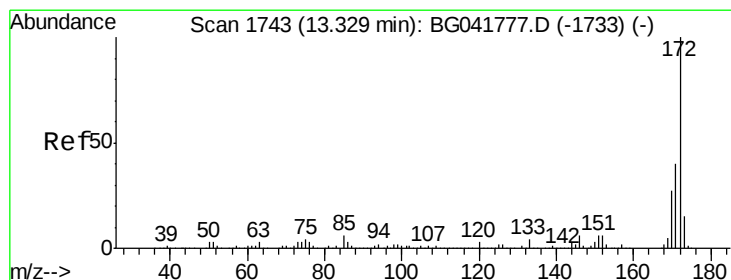
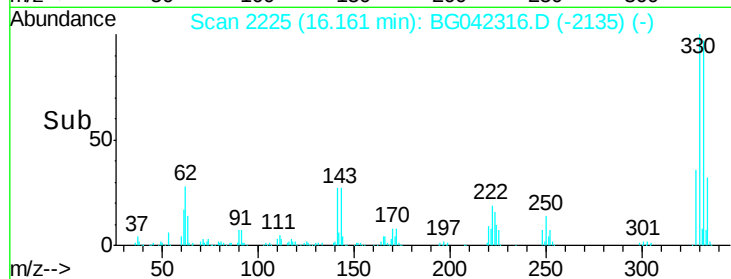
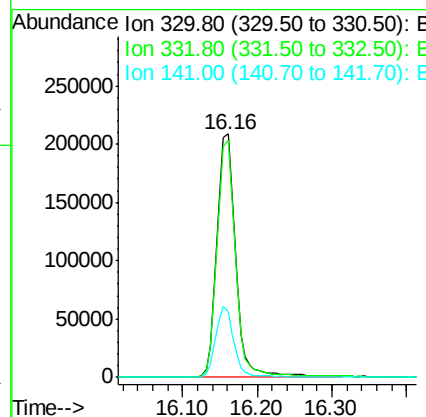
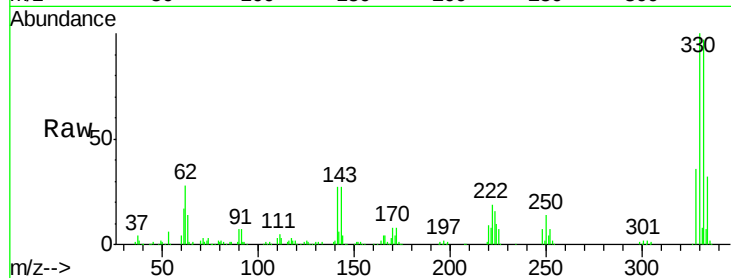




#42
 2,4,6-Tribromophenol
 Concen: 204.470 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG042316.D
 Acq: 18 Aug 2019 10:03

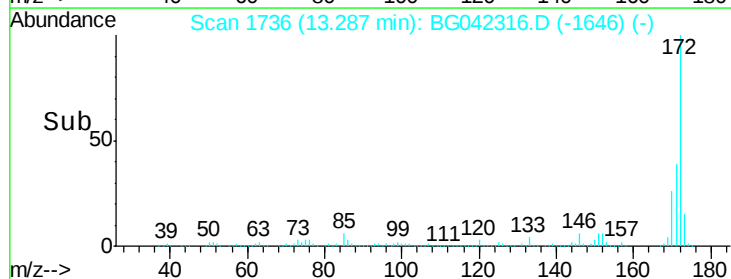
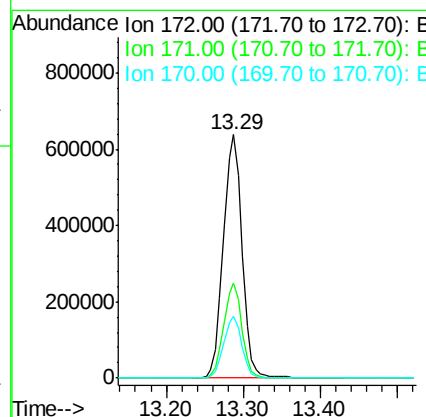
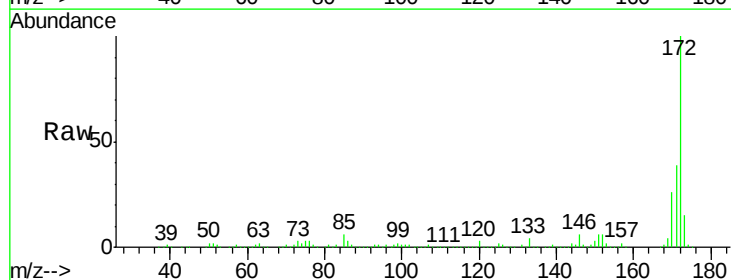
Instrument :
 BNA_G
 ClientSampleId :
 T8-A1-A4-(0-4)

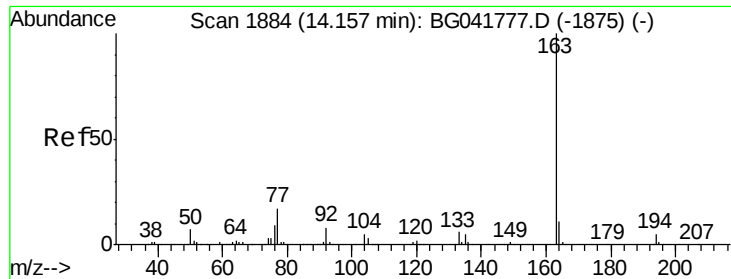
Tot Ion:330 Resp: 366291
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.0
 141 28.5 31.9 47.9#



#45
 2-Fluorobiphenyl
 Concen: 120.123 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG042316.D
 Acq: 18 Aug 2019 10:03

Tgt Ion:172 Resp: 1074151
 Ion Ratio Lower Upper
 172 100
 171 39.3 35.0 52.4
 170 25.6 23.5 35.3





#50

Dimethylphthalate

Concen: 2.092 ng

RT: 14.13 min Scan# 1879

Delta R.T. 0.01 min

Lab File: BG042316.D

Acq: 18 Aug 2019 10:03

Instrument :

BNA_G

ClientSampleId :

T8-A1-A4-(0-4)

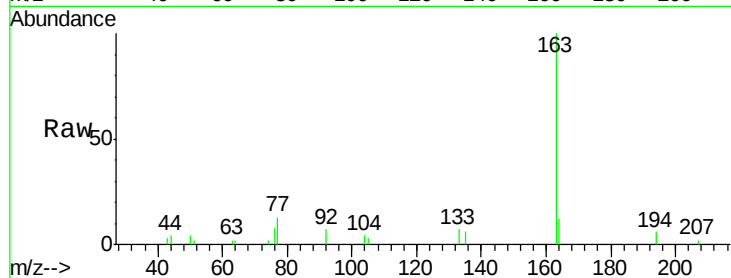
Tot Ion:163 Resp: 22530

Ion Ratio Lower Upper

163 100

194 5.5 4.2 6.2

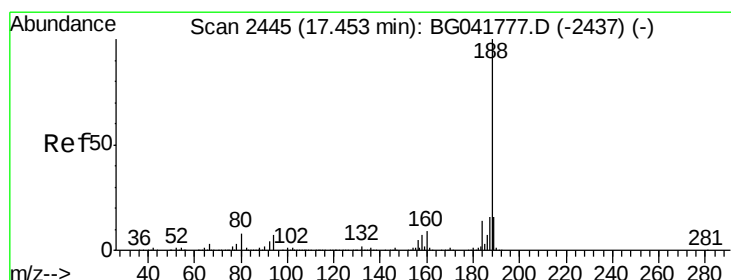
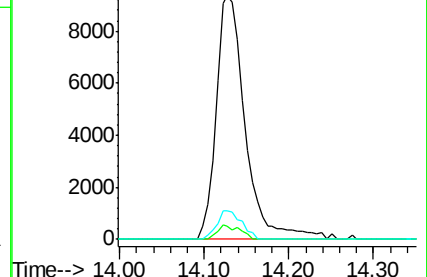
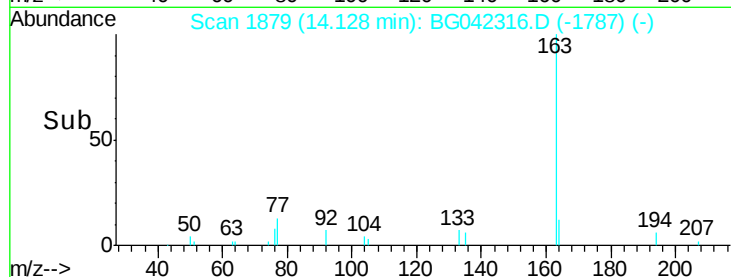
164 11.8 9.4 14.2



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: BG042316.D

Acq: 18 Aug 2019 10:03

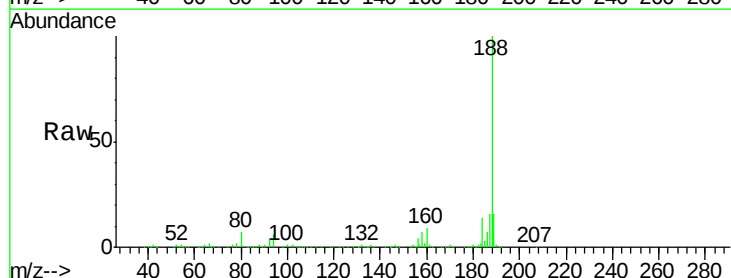
Tgt Ion:188 Resp: 384763

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

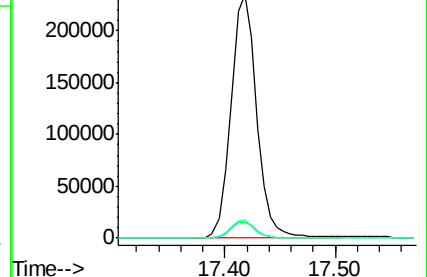
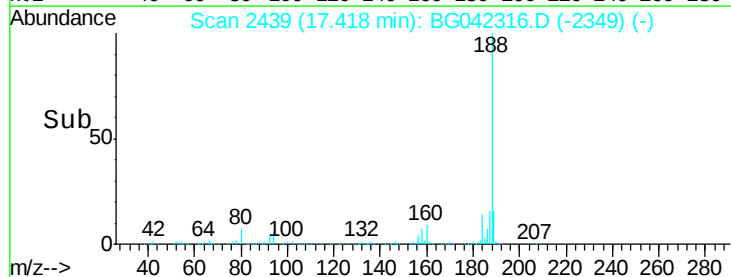
80 7.3 8.0 12.0#

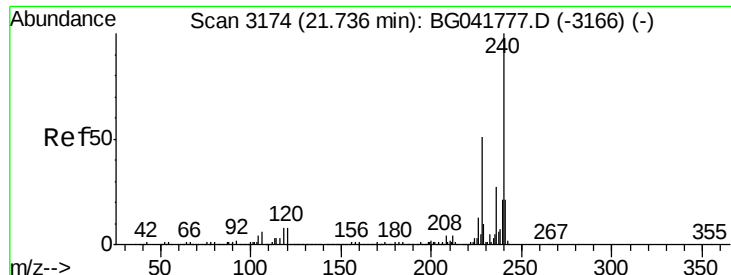


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3166

Delta R.T. -0.01 min

Lab File: BG042316.D

Acq: 18 Aug 2019 10:03

Instrument :

BNA_G

ClientSampleId :

T8-A1-A4-(0-4)

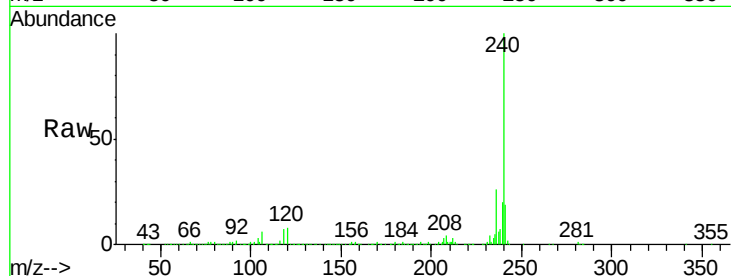
Tot Ion:240 Resp: 435789

Ion Ratio Lower Upper

240 100

120 7.8 8.0 12.0#

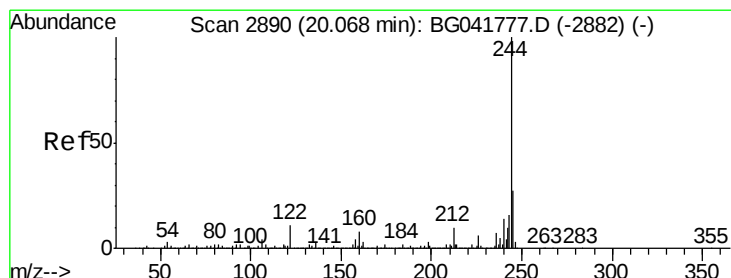
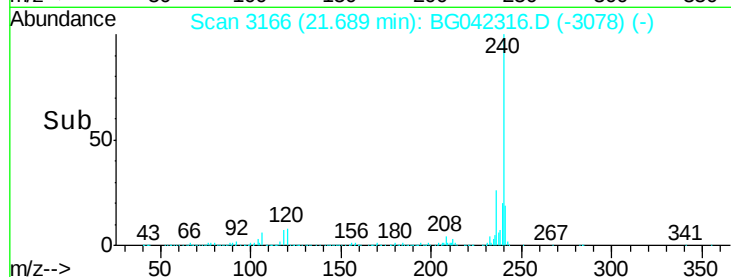
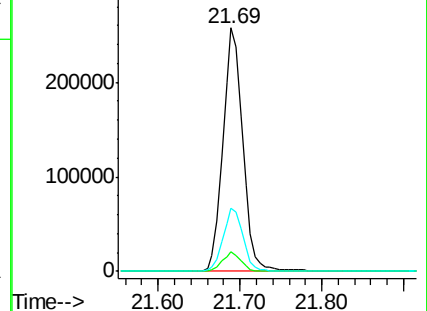
236 26.0 22.6 33.8



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: 106.856 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG042316.D

Acq: 18 Aug 2019 10:03

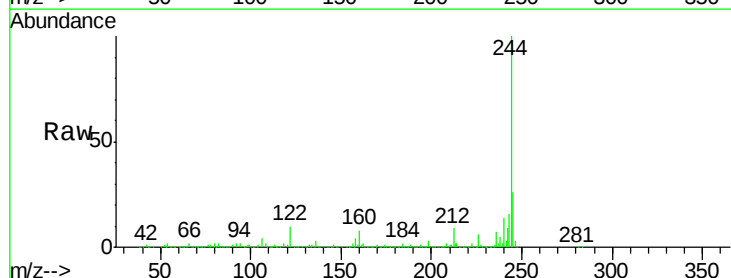
Tgt Ion:244 Resp: 2035028

Ion Ratio Lower Upper

244 100

212 9.0 9.7 14.5#

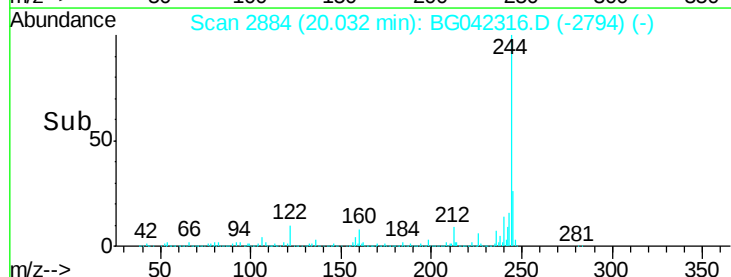
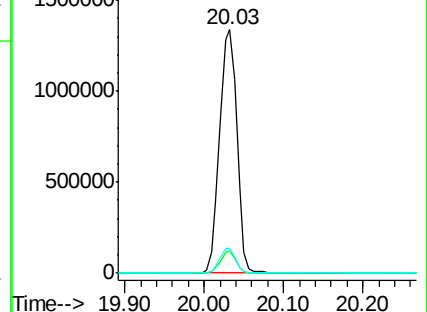
122 10.1 12.5 18.7#

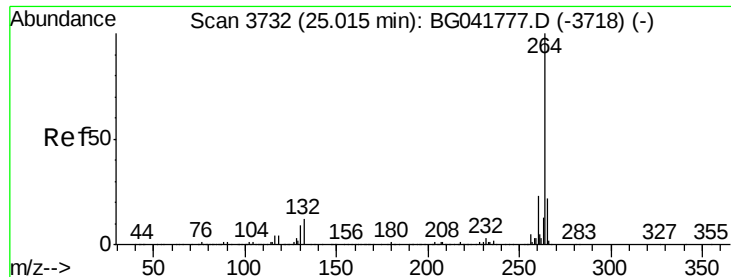


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.93 min Scan# 3718
 Delta R.T. -0.01 min
 Lab File: BG042316.D
 Acq: 18 Aug 2019 10:03

Instrument :
 BNA_G
 ClientSampleId :
 T8-A1-A4-(0-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.5	18.0	27.0

