

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042313.D
 Acq On : 18 Aug 2019 8:07
 Operator : HP/JU
 Sample : K4383-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1359

Quant Time: Aug 19 08:22:20 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

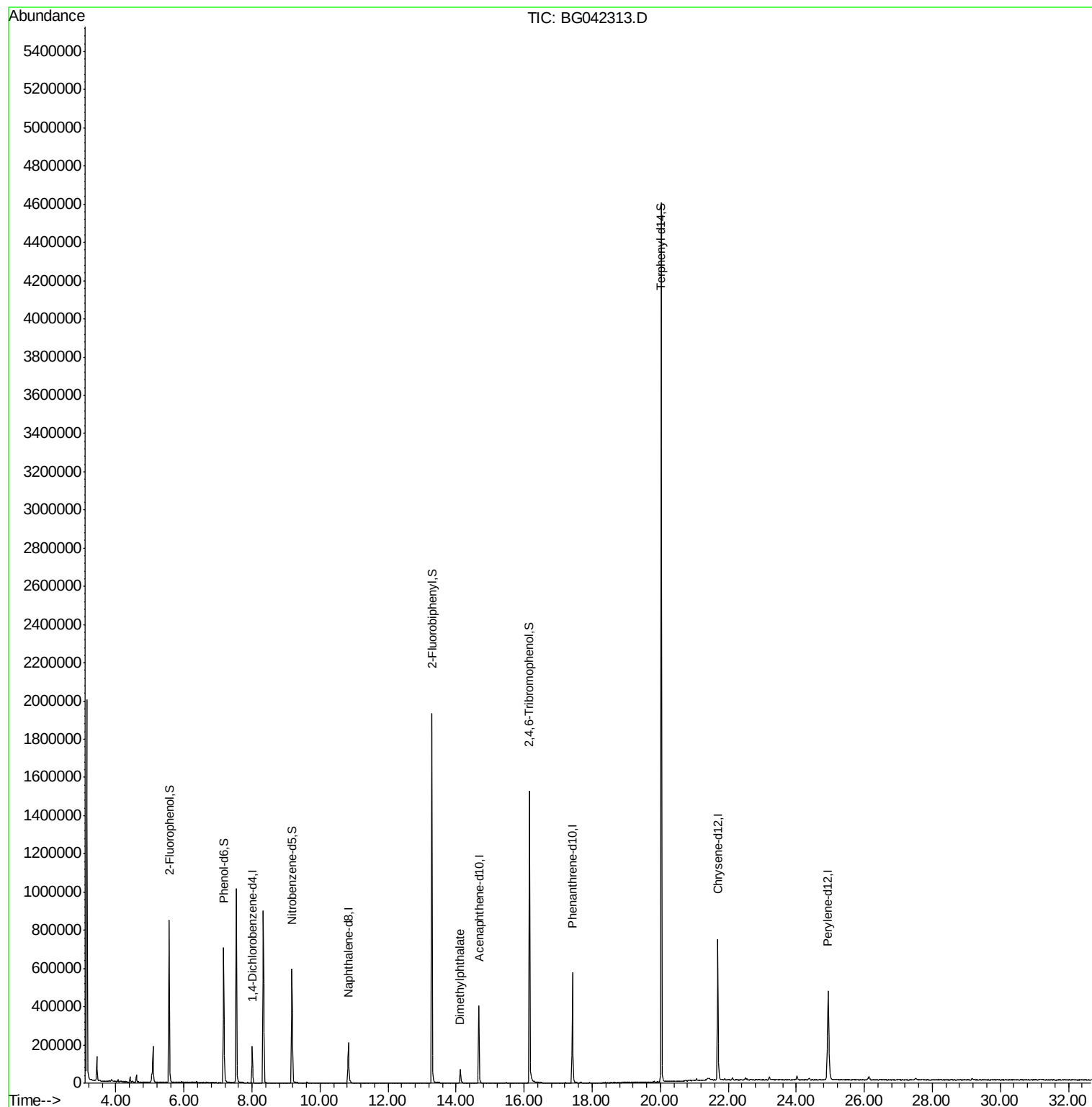
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	65028	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	237611	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	170575	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	421080	20.00	ng	0.00
76) Chrysene-d12	21.69	240	491024	20.00	ng	0.00
87) Perylene-d12	24.94	264	556473	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	434559	130.02	ng	0.00
7) Phenol-d6	7.17	99	507911	112.72	ng	0.00
23) Nitrobenzene-d5	9.17	82	386992	112.08	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	374689	193.39	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1154103	119.33	ng	0.00
79) Terphenyl-d14	20.03	244	2177507	101.48	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	83339	7.154	ng	Qvalue 96

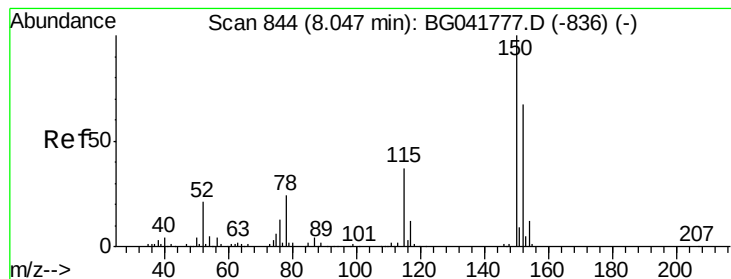
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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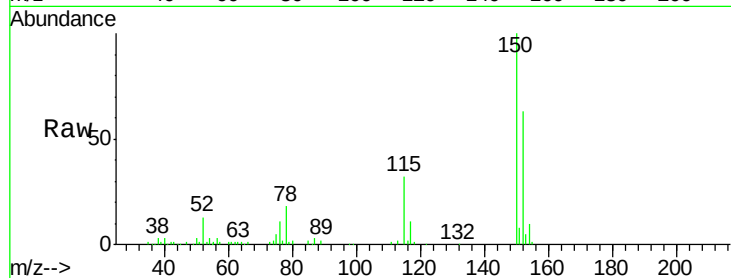


#1

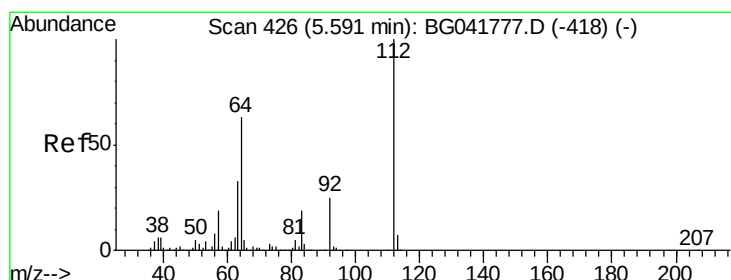
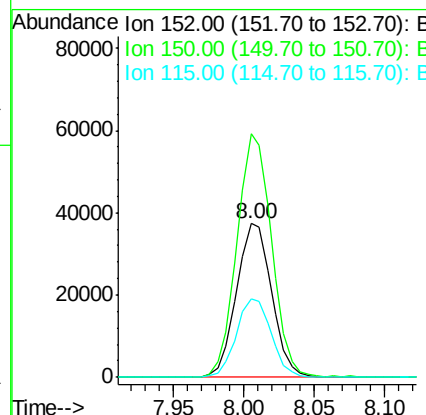
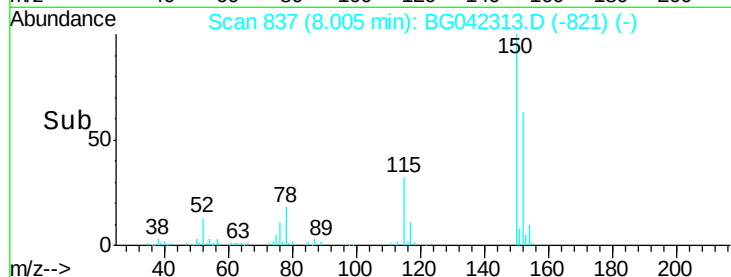
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Instrument :
BNA_G
ClientSampleId :
TP-1359

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.9	190.3
115	50.8	45.0	67.6



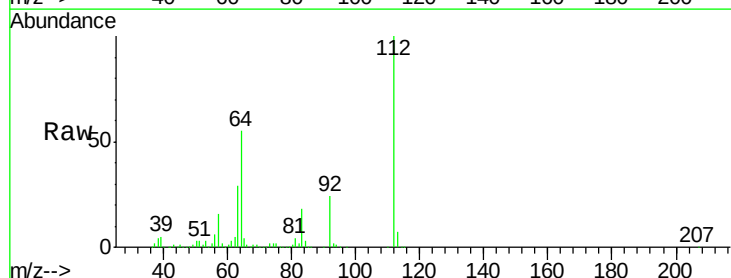
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



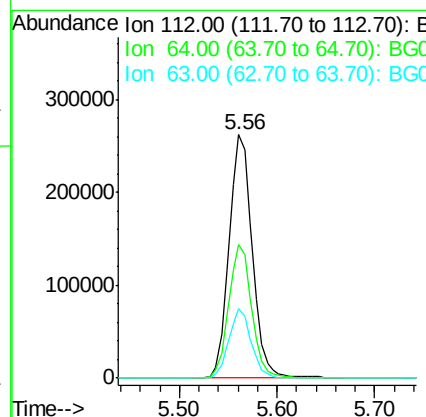
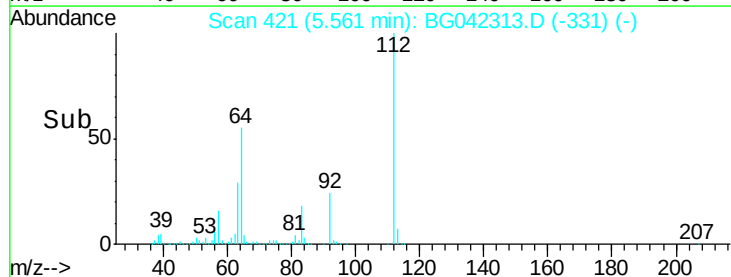
#5

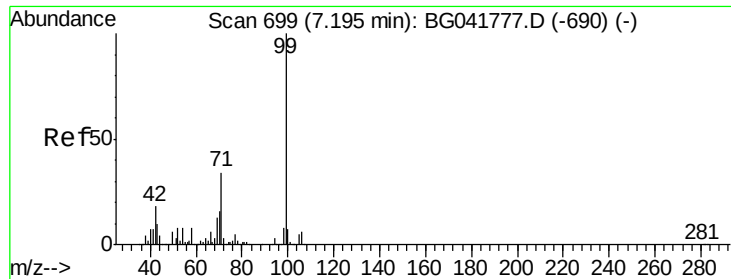
2-Fluorophenol
Concen: 130.019 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG042313.D
Acq: 18 Aug 2019 8:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	55.4	83.2#
63	28.6	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: 112.721 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042313.D

Acq: 18 Aug 2019 8:07

Instrument :

BNA_G

ClientSampleId :

TP-1359

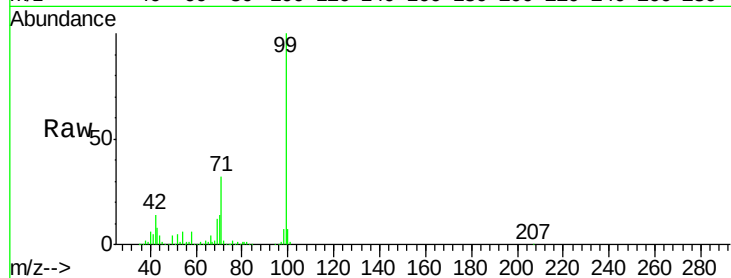
Tot Ion: 99 Resp: 507911

Ion Ratio Lower Upper

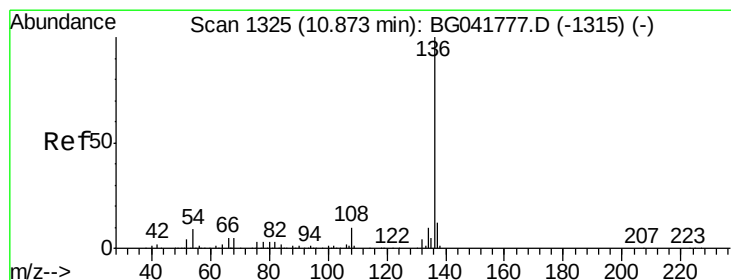
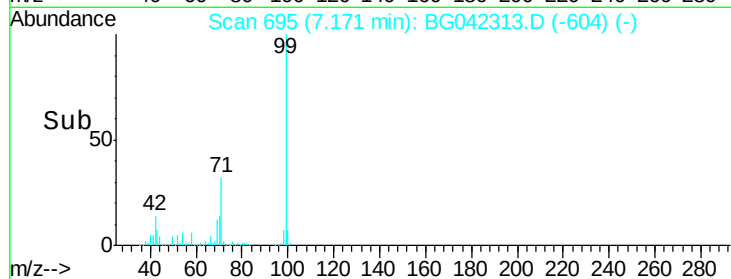
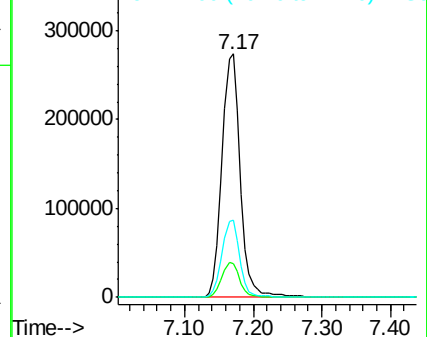
99 100

42 13.9 17.6 26.4#

71 31.5 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: BG042313.D

Acq: 18 Aug 2019 8:07

Tgt Ion: 136 Resp: 237611

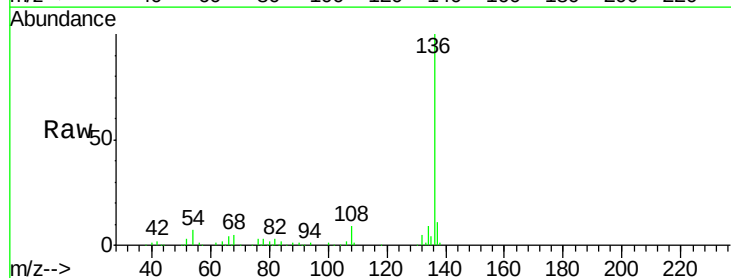
Ion Ratio Lower Upper

136 100

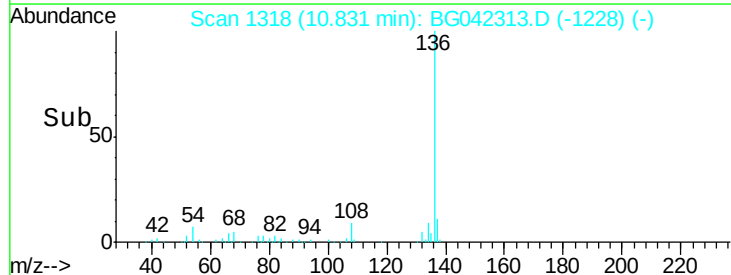
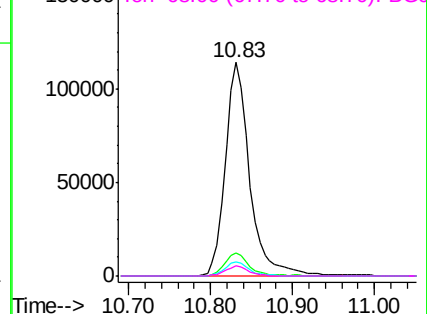
137 11.1 9.2 13.8

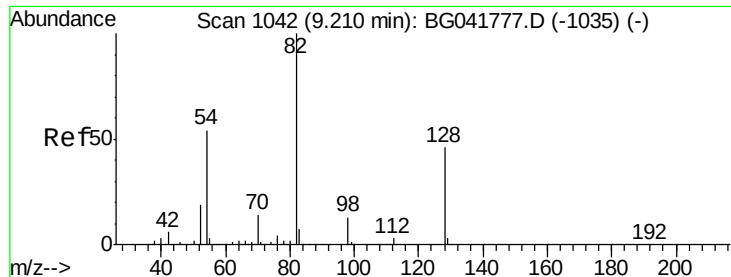
54 6.8 8.7 13.1#

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

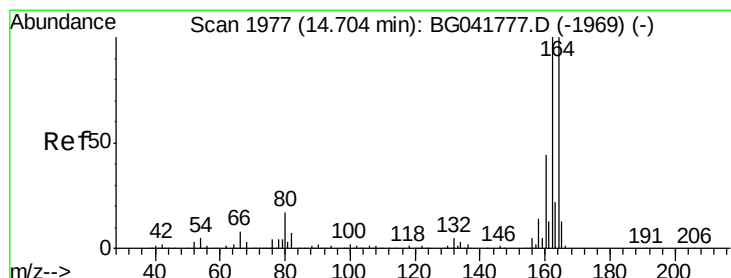
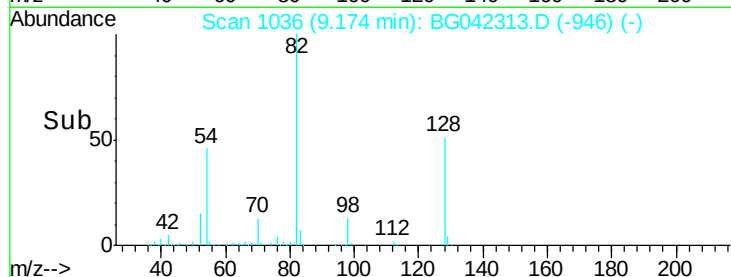
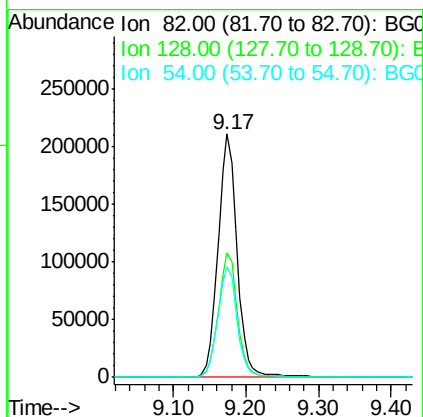
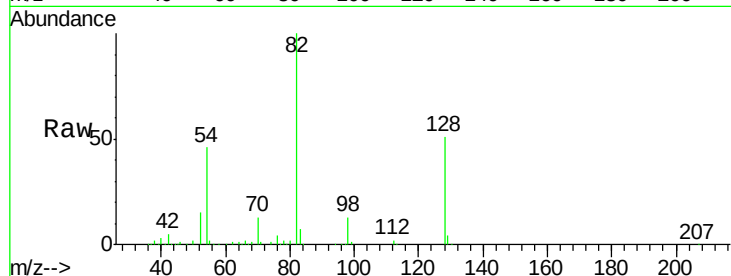




#23
 Nitrobenzene-d5
 Concen: 112.079 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG042313.D
 Acq: 18 Aug 2019 8:07

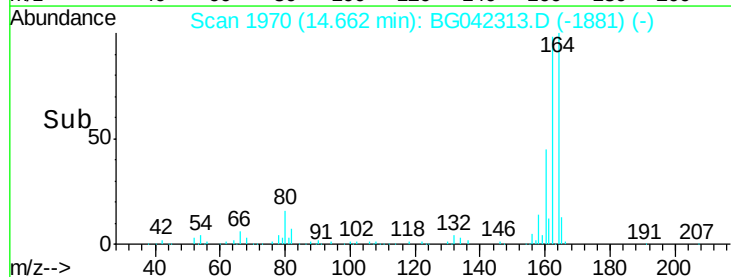
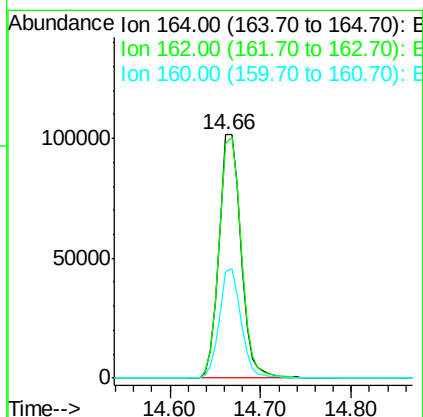
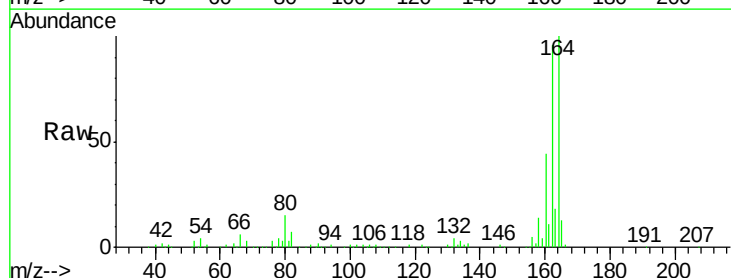
Instrument :
 BNA_G
 ClientSampled :
 TP-1359

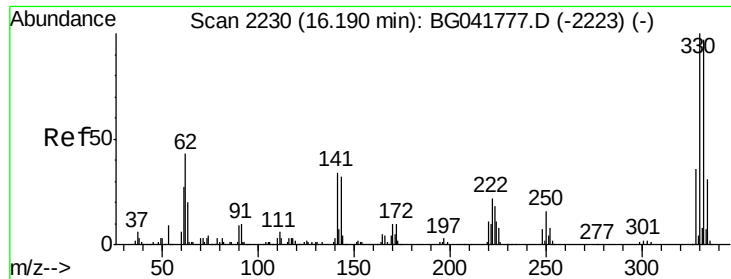
Tot Ion	82	Resp	386992
Ion Ratio	Lower	Upper	
82	100		
128	51.0	35.1	52.7
54	45.6	48.7	73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG042313.D
 Acq: 18 Aug 2019 8:07

Tgt Ion	164	Resp	170575
Ion Ratio	Lower	Upper	
164	100		
162	96.5	79.6	119.4
160	44.0	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 193.388 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042313.D

Acq: 18 Aug 2019 8:07

Instrument :

BNA_G

ClientSampleID :

TP-1359

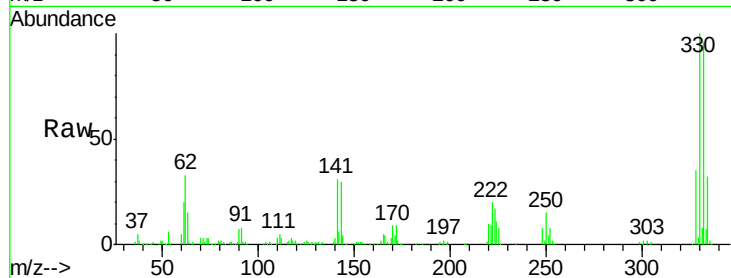
Tot Ion:330 Resp: 374689

Ion Ratio Lower Upper

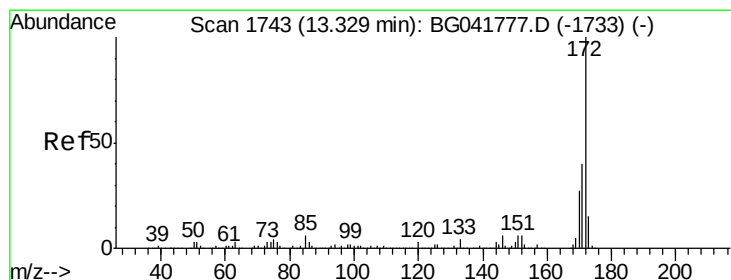
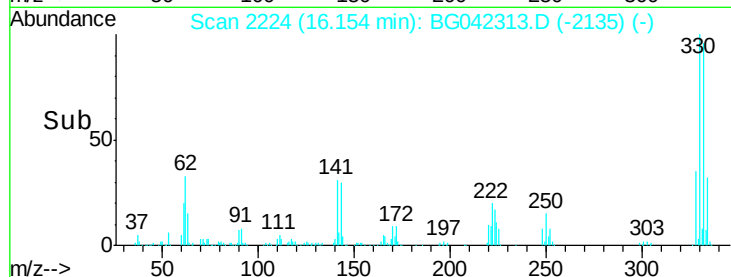
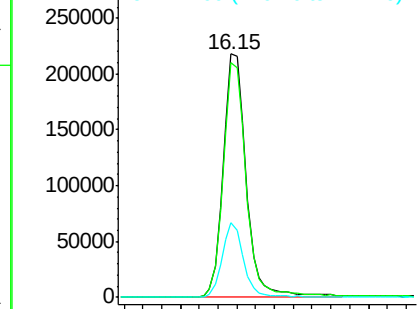
330 100

332 97.2 77.4 116.0

141 29.2 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: 119.333 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG042313.D

Acq: 18 Aug 2019 8:07

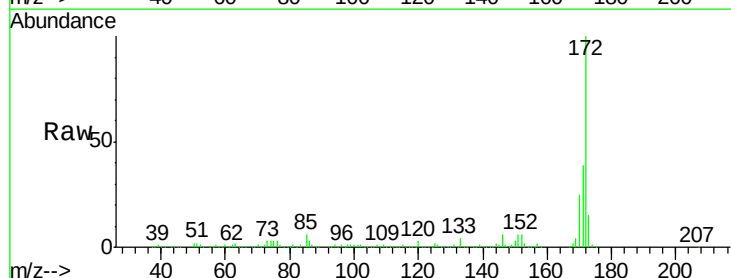
Tgt Ion:172 Resp: 1154103

Ion Ratio Lower Upper

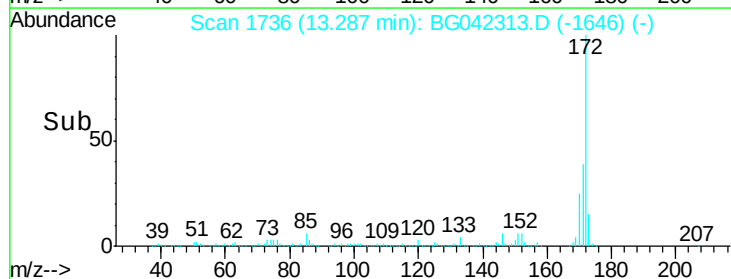
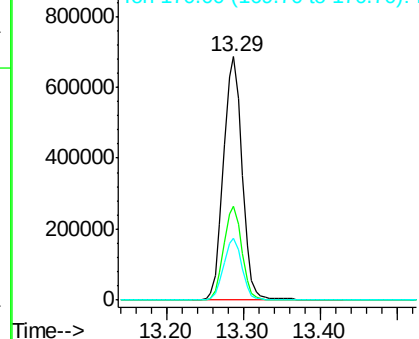
172 100

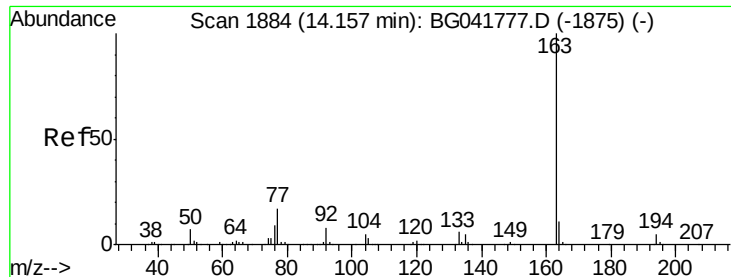
171 38.7 35.0 52.4

170 25.2 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: 7.154 ng

RT: 14.12 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BG042313.D

Acq: 18 Aug 2019 8:07

Instrument :

BNA_G

ClientSampled :

TP-1359

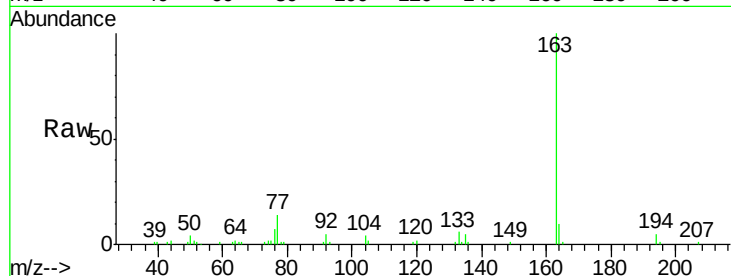
Tot Ion:163 Resp: 83339

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

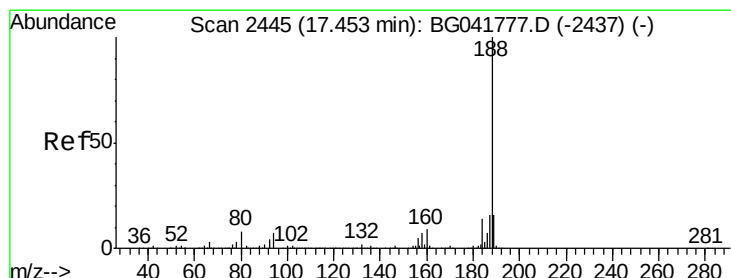
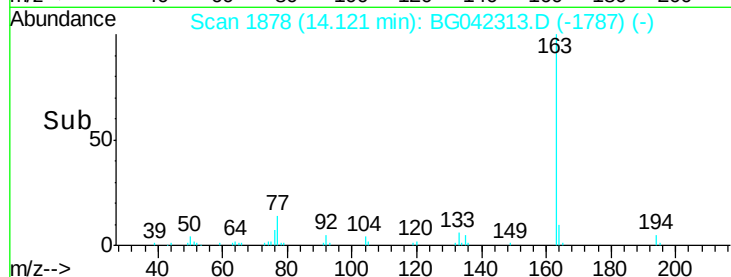
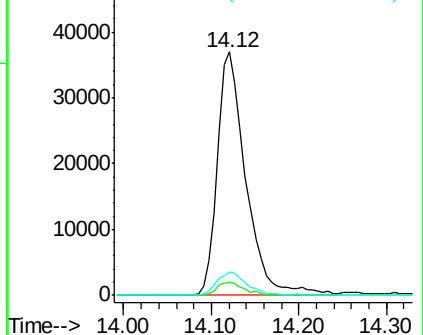
164 9.8 9.4 14.2



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: BG042313.D

Acq: 18 Aug 2019 8:07

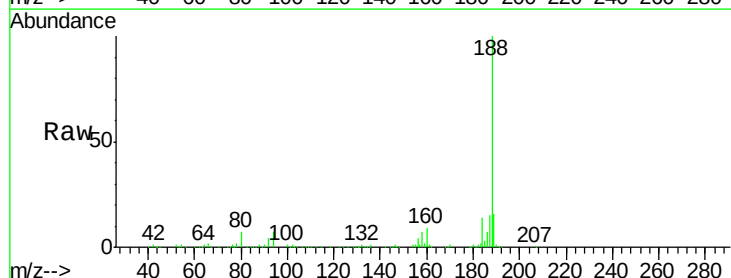
Tgt Ion:188 Resp: 421080

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

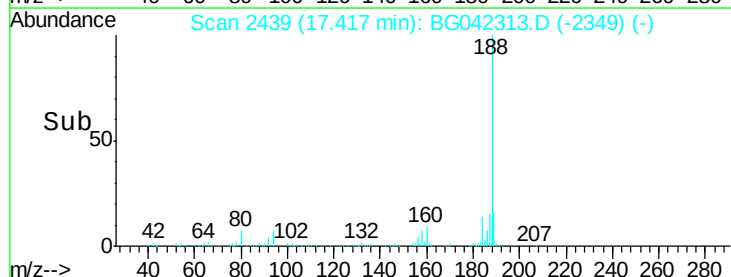
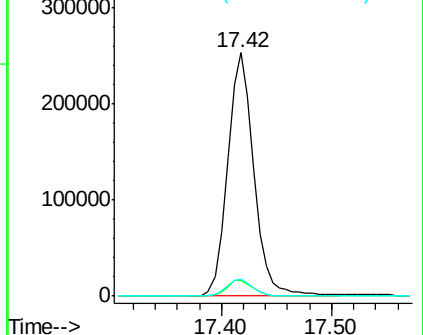
80 6.9 8.0 12.0#

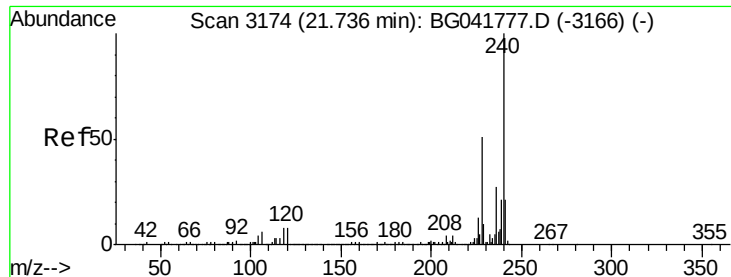


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

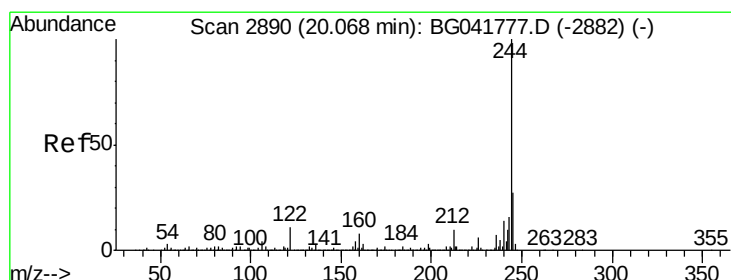
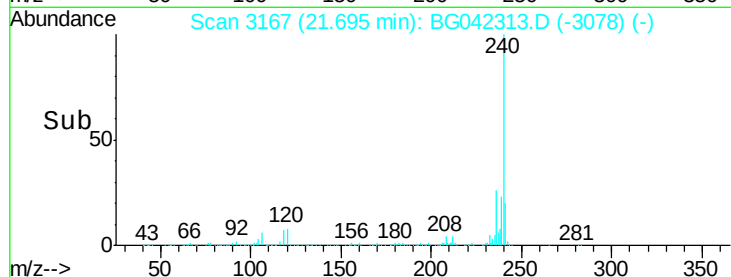
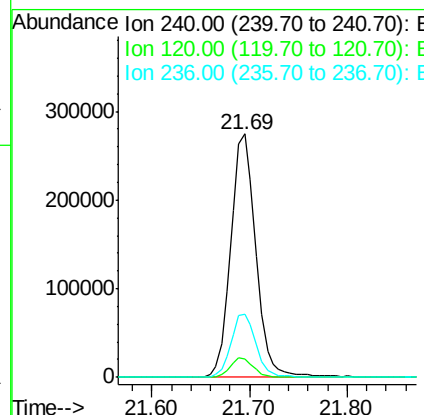
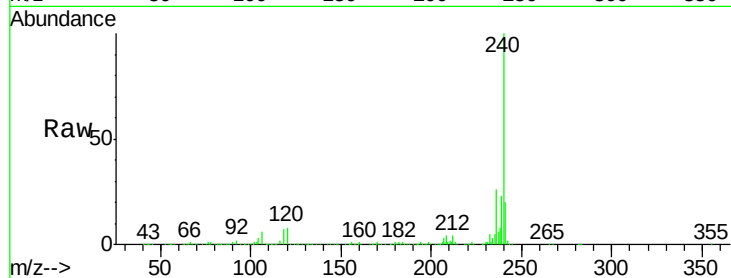




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BG042313.D
 Acq: 18 Aug 2019 8:07

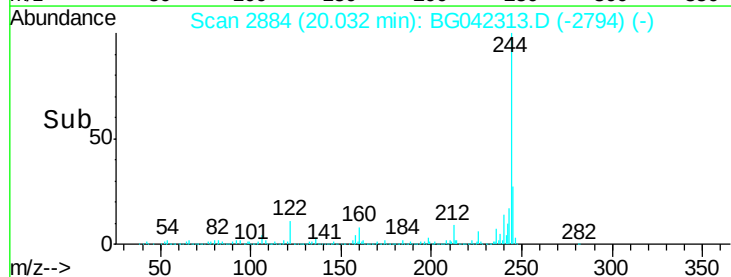
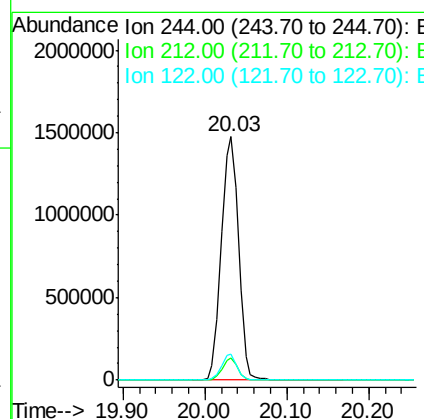
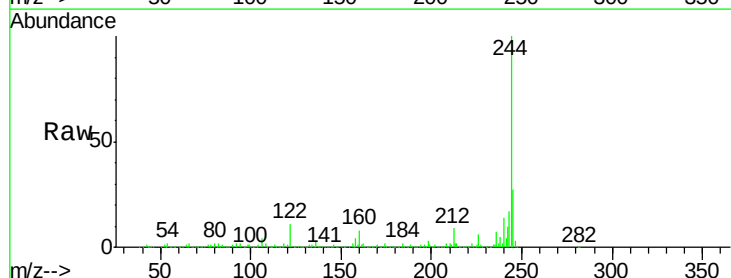
Instrument :
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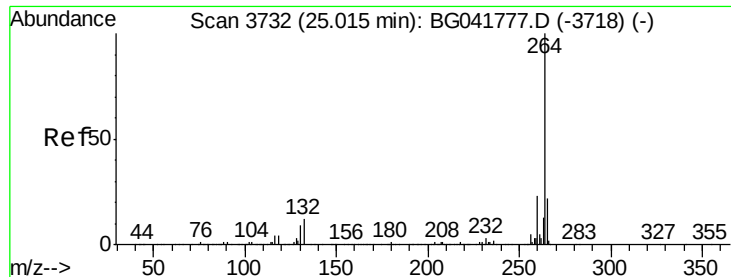
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.7	8.0	12.0#
236	26.2	22.6	33.8



#79
 Terphenyl-d14
 Concen: 101.476 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.00 min
 Lab File: BG042313.D
 Acq: 18 Aug 2019 8:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.4	9.7	14.5#
122	10.8	12.5	18.7#

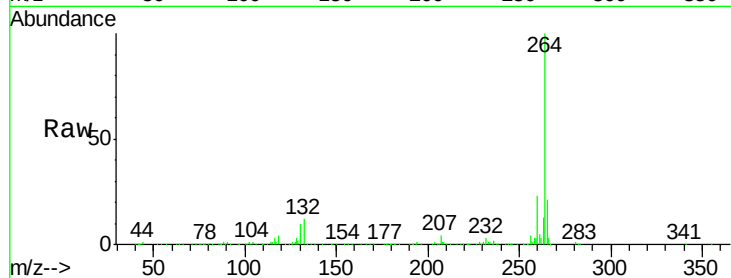




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.94 min Scan# 3719
 Delta R.T. -0.01 min
 Lab File: BG042313.D
 Acq: 18 Aug 2019 8:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-1359

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.4	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

