

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045034.D
 Acq On : 17 Apr 2020 15:47
 Operator : CG/JU
 Sample : L2284-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12-DA

Quant Time: Apr 17 16:28:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

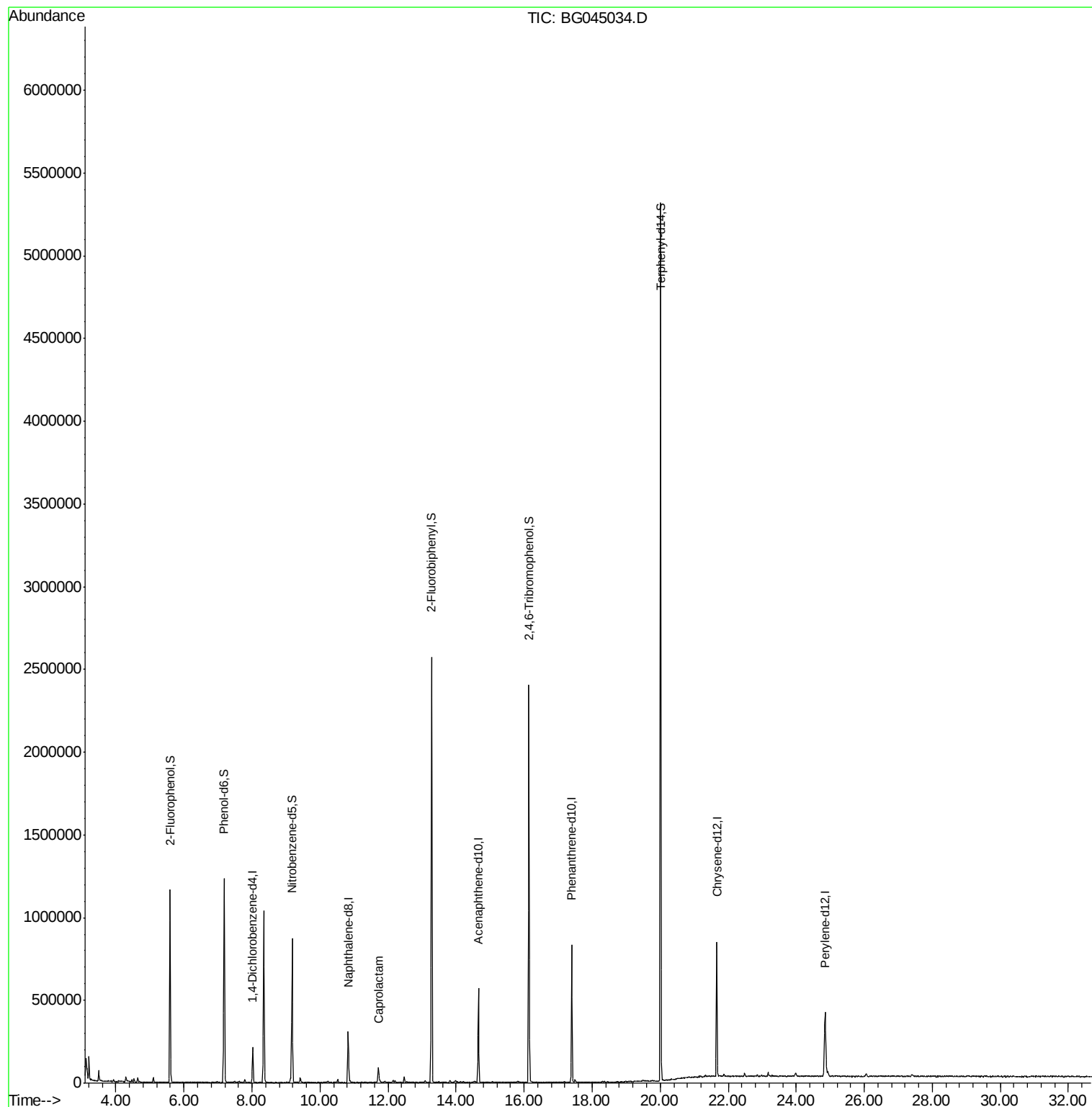
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	63298	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	269839	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	211266	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	523659	20.00	ng	0.00
76) Chrysene-d12	21.66	240	509539	20.00	ng	0.00
87) Perylene-d12	24.85	264	422938	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	559604	145.96	ng	0.00
7) Phenol-d6	7.18	99	808198	141.88	ng	0.00
23) Nitrobenzene-d5	9.18	82	584889	98.90	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	515278	157.88	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1432840	99.45	ng	0.00
79) Terphenyl-d14	20.01	244	2492839	106.63	ng	0.00
Target Compounds						
35) Caprolactam	11.71	113	24212	12.716	ng	Qvalue 92

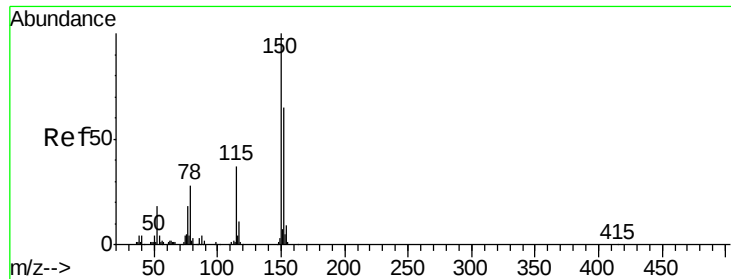
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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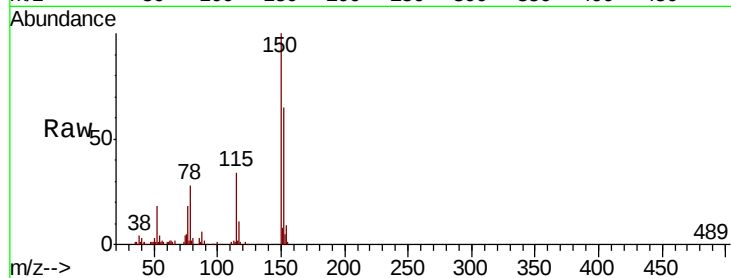




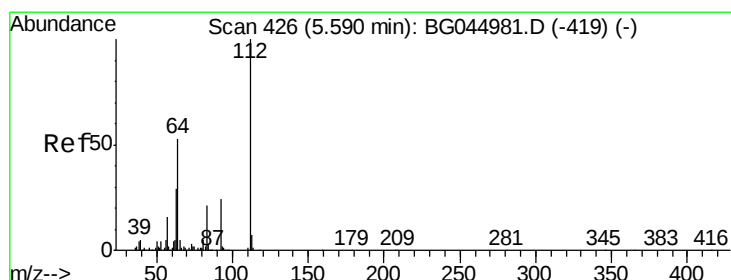
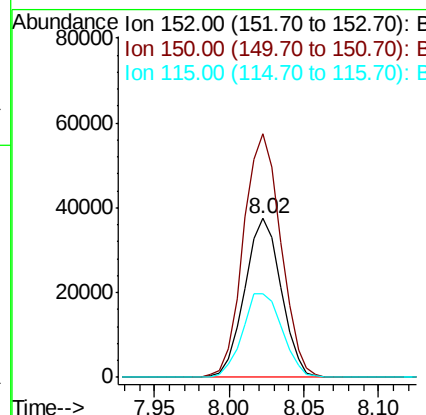
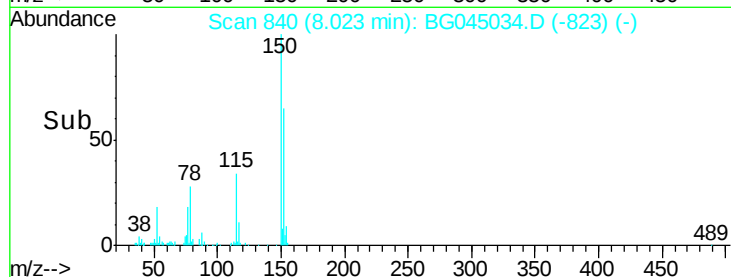
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045034.D
 Acq: 17 Apr 2020 15:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-12-DA

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.6	185.4
115	52.5	49.1	73.7

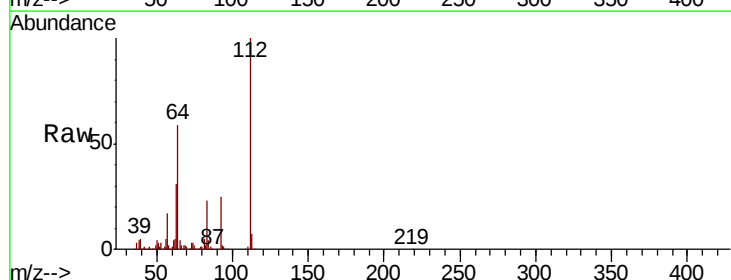


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

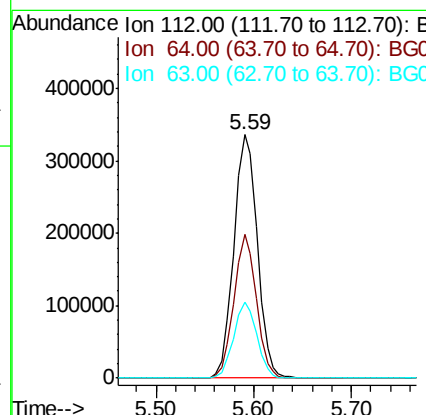
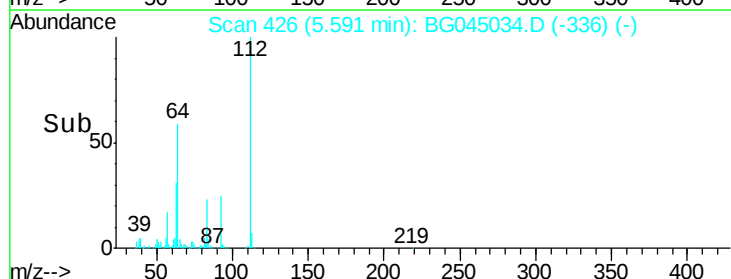


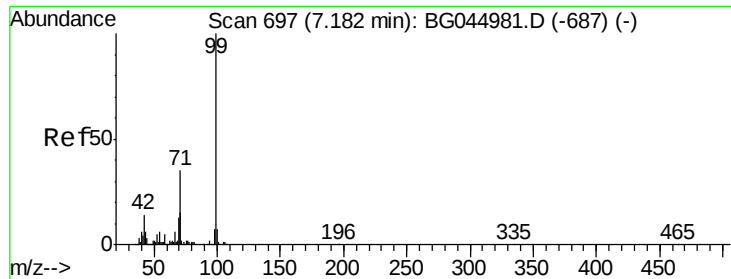
#5
 2-Fluorophenol
 Concen: 145.957 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG045034.D
 Acq: 17 Apr 2020 15:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	42.4	63.6
63	31.4	23.1	34.7



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: 141.878 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045034.D

Acq: 17 Apr 2020 15:47

Instrument :

BNA_G

ClientSampleId :

TP-12-DA

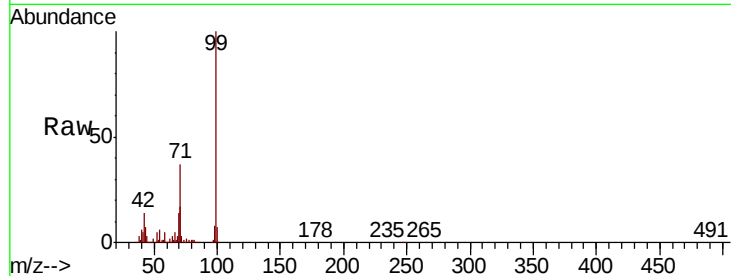
Tot Ion: 99 Resp: 808198

Ion Ratio Lower Upper

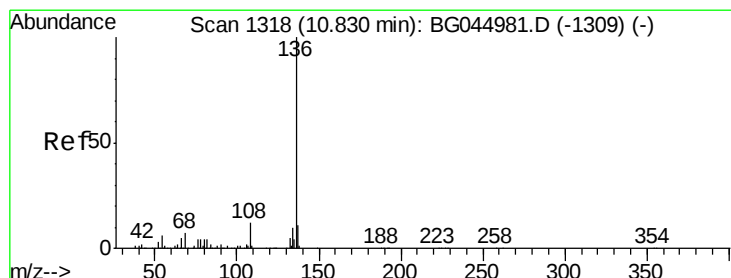
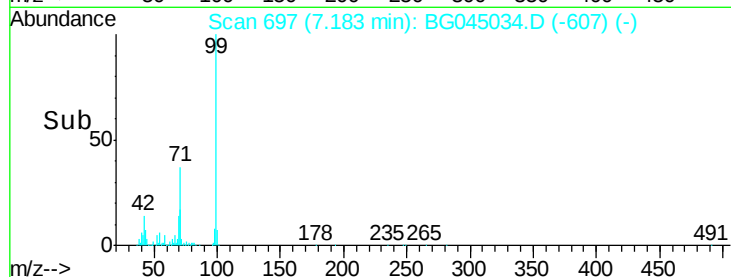
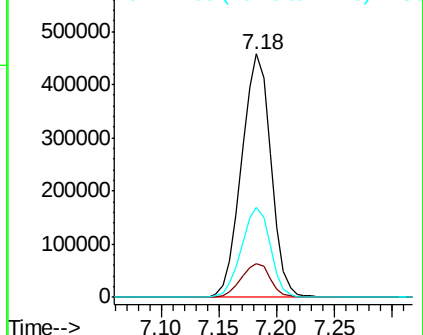
99 100

42 13.6 11.3 16.9

71 36.8 28.3 42.5



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: BG045034.D

Acq: 17 Apr 2020 15:47

Tgt Ion: 136 Resp: 269839

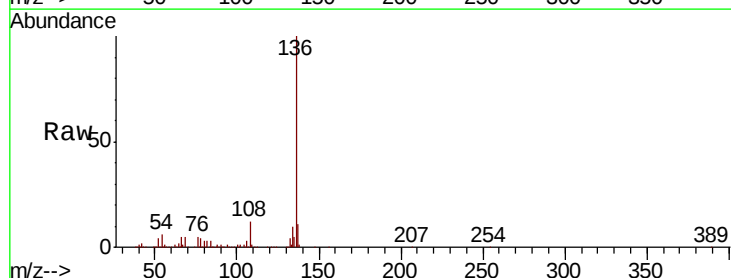
Ion Ratio Lower Upper

136 100

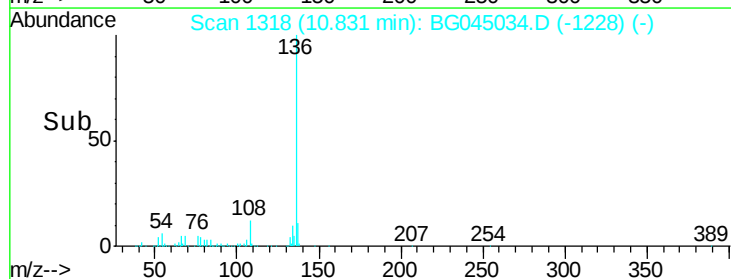
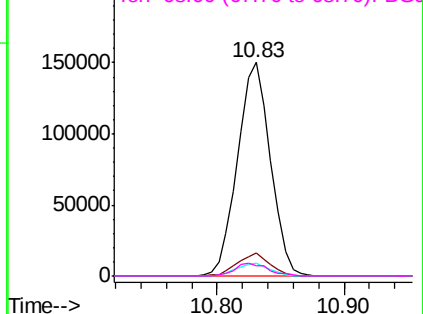
137 10.6 8.6 13.0

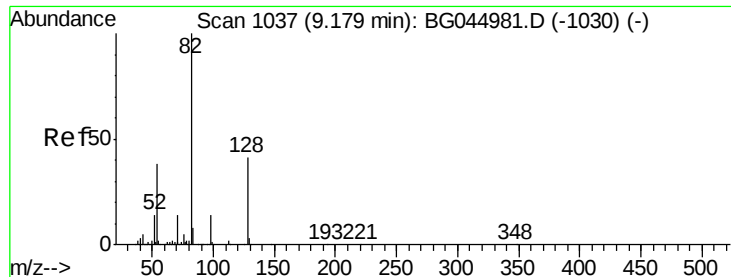
54 5.7 4.8 7.2

68 4.5 5.2 7.8#



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

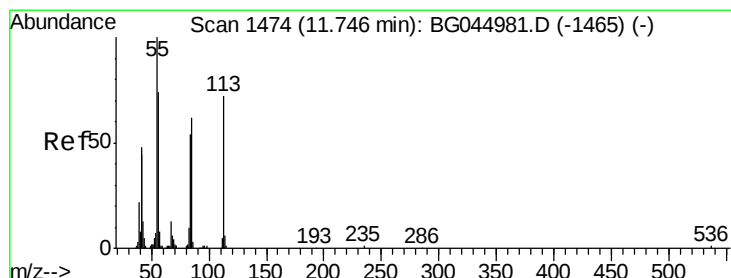
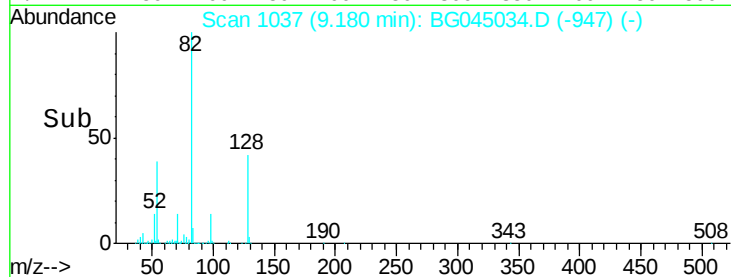
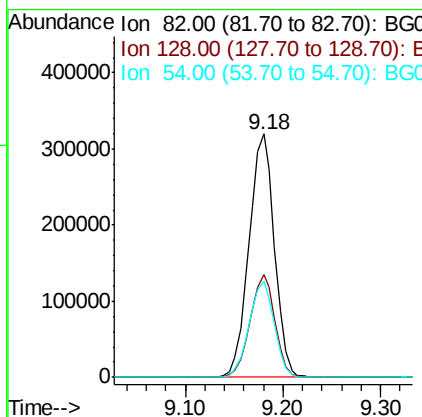
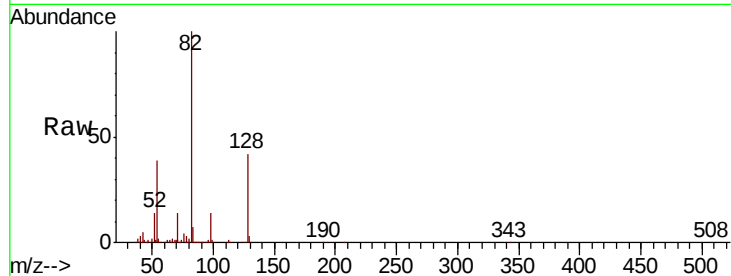




#23
Nitrobenzene-d5
Concen: 98.903 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045034.D
Acq: 17 Apr 2020 15:47

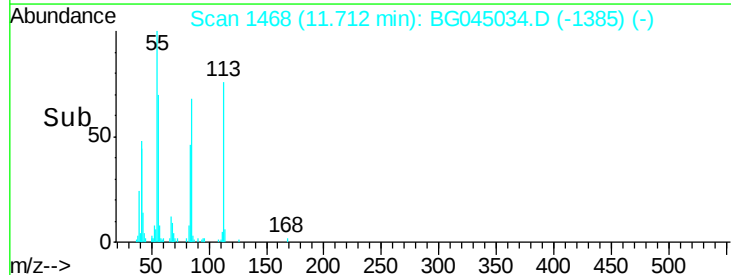
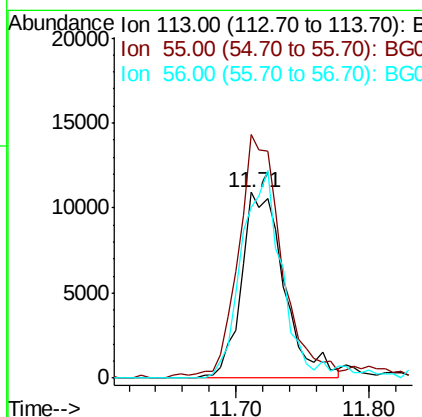
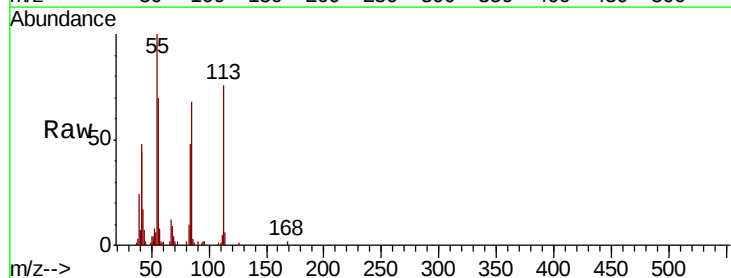
Instrument :
BNA_G
ClientSampleId :
TP-12-DA

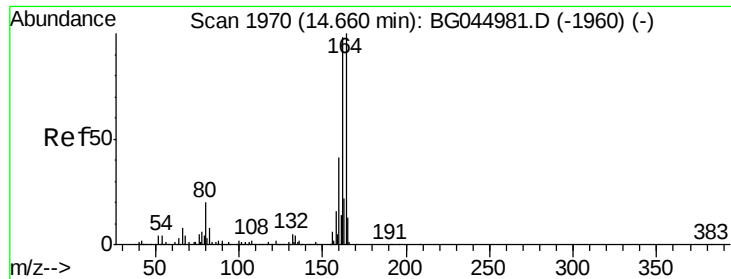
Tot Ion	82	Resp	584889
Ion Ratio	Lower	Upper	
82	100		
128	42.3	33.0	49.4
54	39.4	30.4	45.6



#35
Caprolactam
Concen: 12.716 ng
RT: 11.71 min Scan# 1468
Delta R.T. -0.04 min
Lab File: BG045034.D
Acq: 17 Apr 2020 15:47

Tgt Ion	113	Resp	24212
Ion Ratio	Lower	Upper	
113	100		
55	131.3	118.8	158.8
56	91.8	82.6	122.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG045034.D

Acq: 17 Apr 2020 15:47

Instrument :

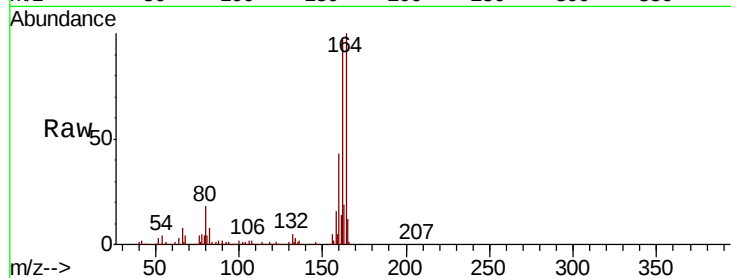
BNA_G

ClientSampleId :

TP-12-DA

Tot Ion:164 Resp: 211266

Ion	Ratio	Lower	Upper
164	100		
162	97.1	78.7	118.1
160	43.4	32.8	49.2

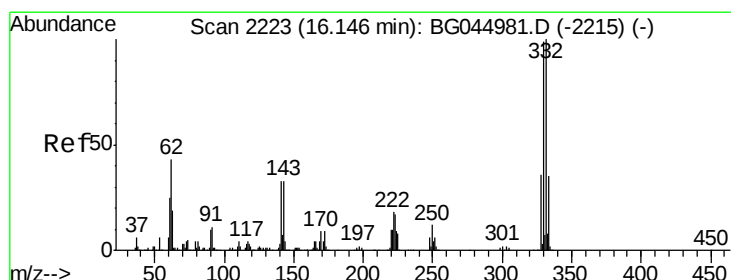
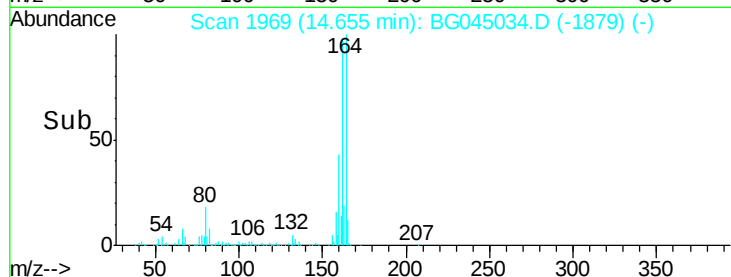
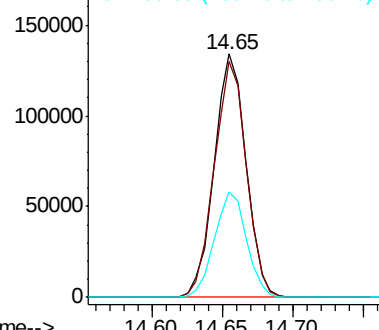


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 157.878 ng

RT: 16.15 min Scan# 2223

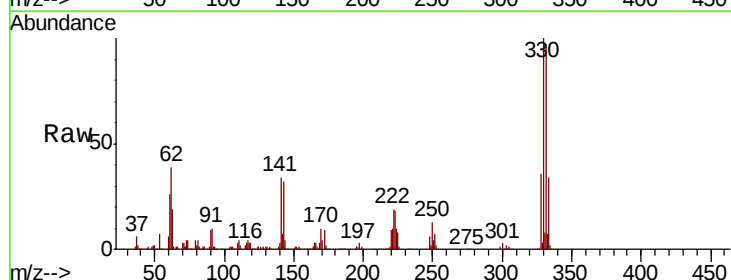
Delta R.T. 0.00 min

Lab File: BG045034.D

Acq: 17 Apr 2020 15:47

Tgt Ion:330 Resp: 515278

Ion	Ratio	Lower	Upper
330	100		
332	95.8	79.1	118.7
141	34.7	27.1	40.7

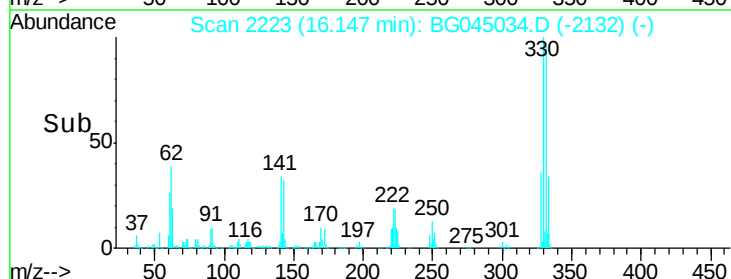
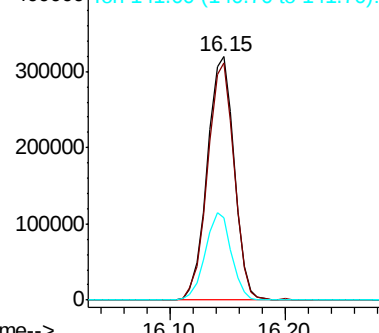


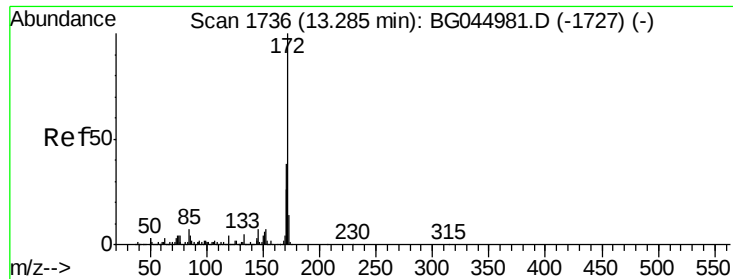
Abundance

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



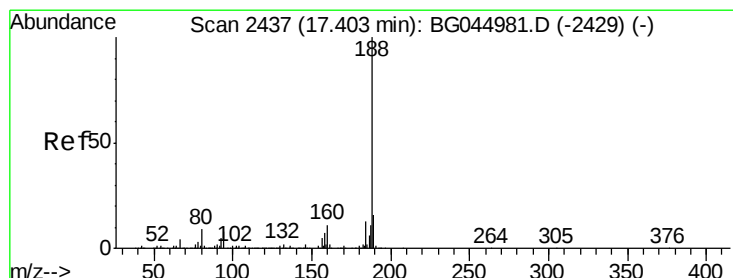
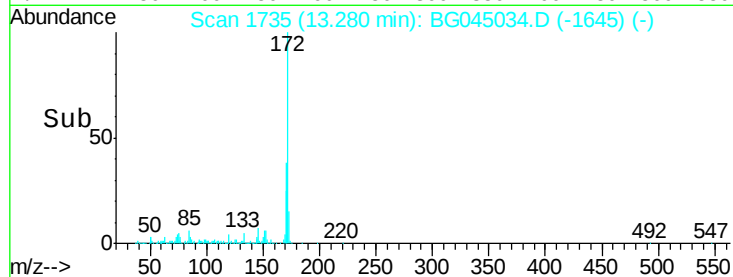
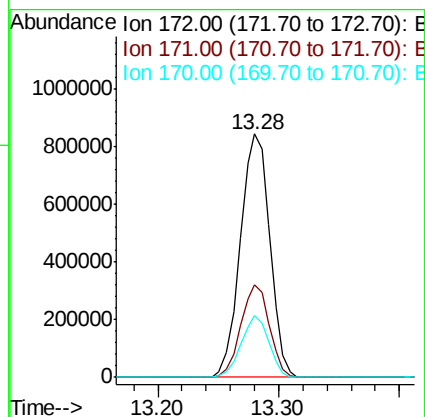
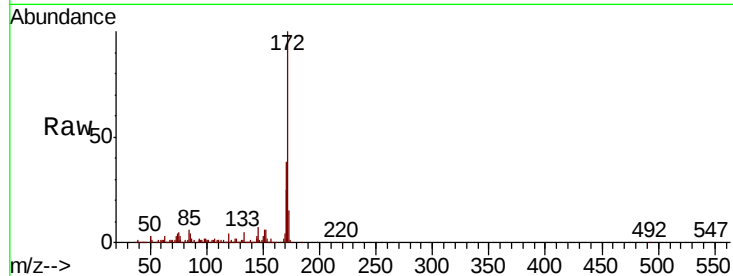


#45
 2-Fluorobiphenyl
 Concen: 99.448 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045034.D
 Acq: 17 Apr 2020 15:47

Instrument :
 BNA_G
 ClientSampled :
 TP-12-DA

Tot Ion:172 Resp: 1432840

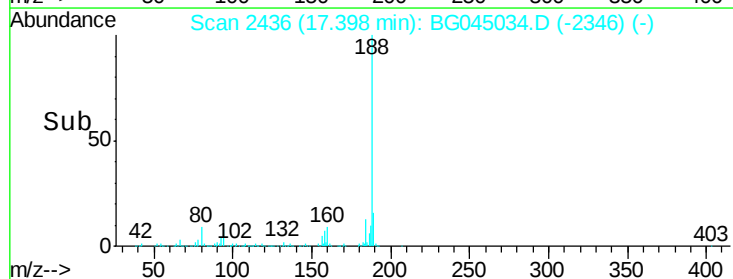
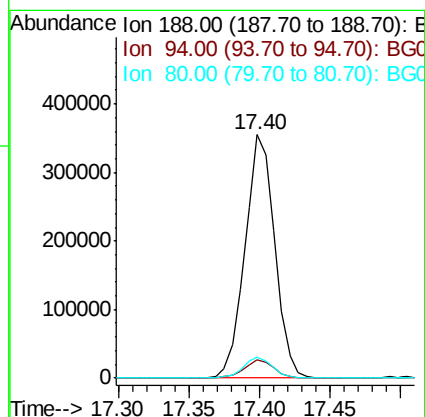
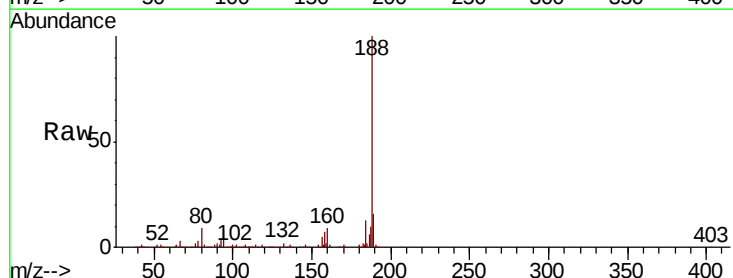
Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.6	46.0
170	25.2	20.5	30.7

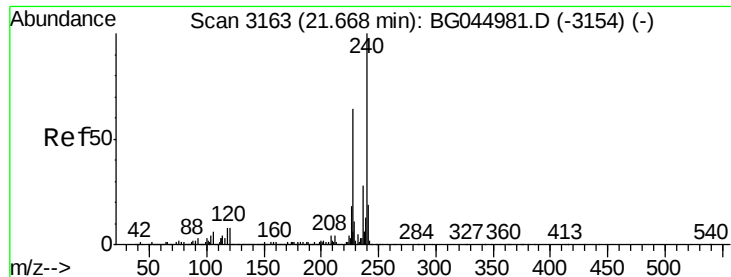


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BG045034.D
 Acq: 17 Apr 2020 15:47

Tgt Ion:188 Resp: 523659

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.2	9.4
80	8.7	7.0	10.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG045034.D

Acq: 17 Apr 2020 15:47

Instrument :

BNA_G

ClientSampleId :

TP-12-DA

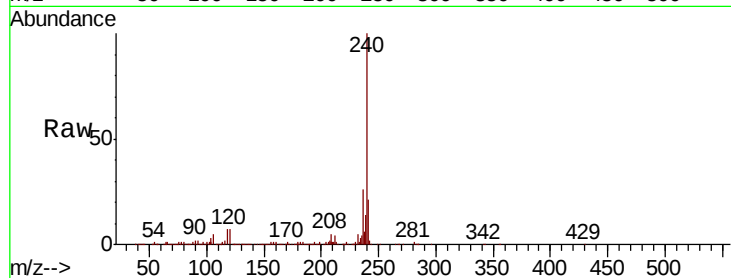
Tot Ion:240 Resp: 509539

Ion Ratio Lower Upper

240 100

120 7.4 6.6 10.0

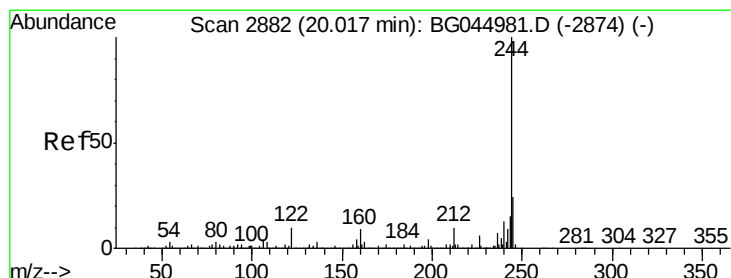
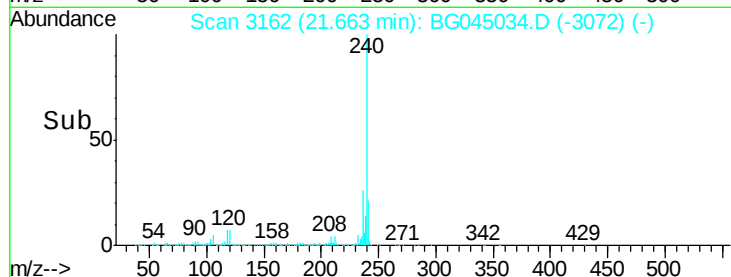
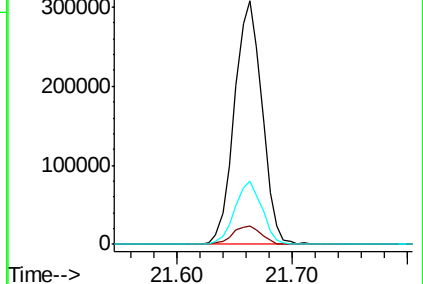
236 25.8 22.2 33.2



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: 106.632 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045034.D

Acq: 17 Apr 2020 15:47

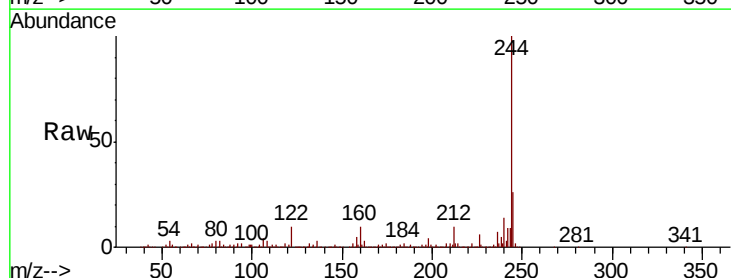
Tgt Ion:244 Resp: 2492839

Ion Ratio Lower Upper

244 100

212 10.2 7.9 11.9

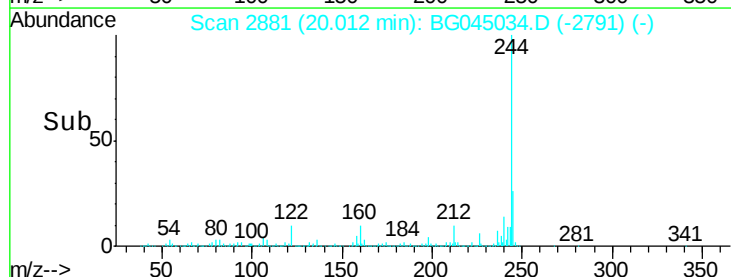
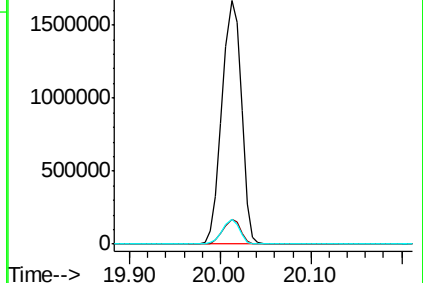
122 10.0 7.7 11.5

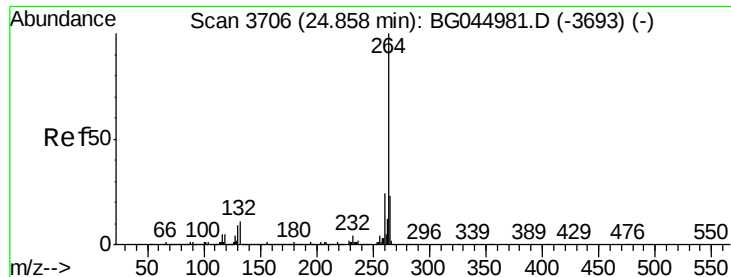


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG045034.D
Acq: 17 Apr 2020 15:47

Instrument :
BNA_G
ClientSampleId :
TP-12-DA

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.0	19.0	28.4

