

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
 Data File : BG045116.D
 Acq On : 21 Apr 2020 17:58
 Operator : CG/JU
 Sample : L2323-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-19-COMP

Quant Time: Apr 21 18:36:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 14:13:24 2020
 Response via : Initial Calibration

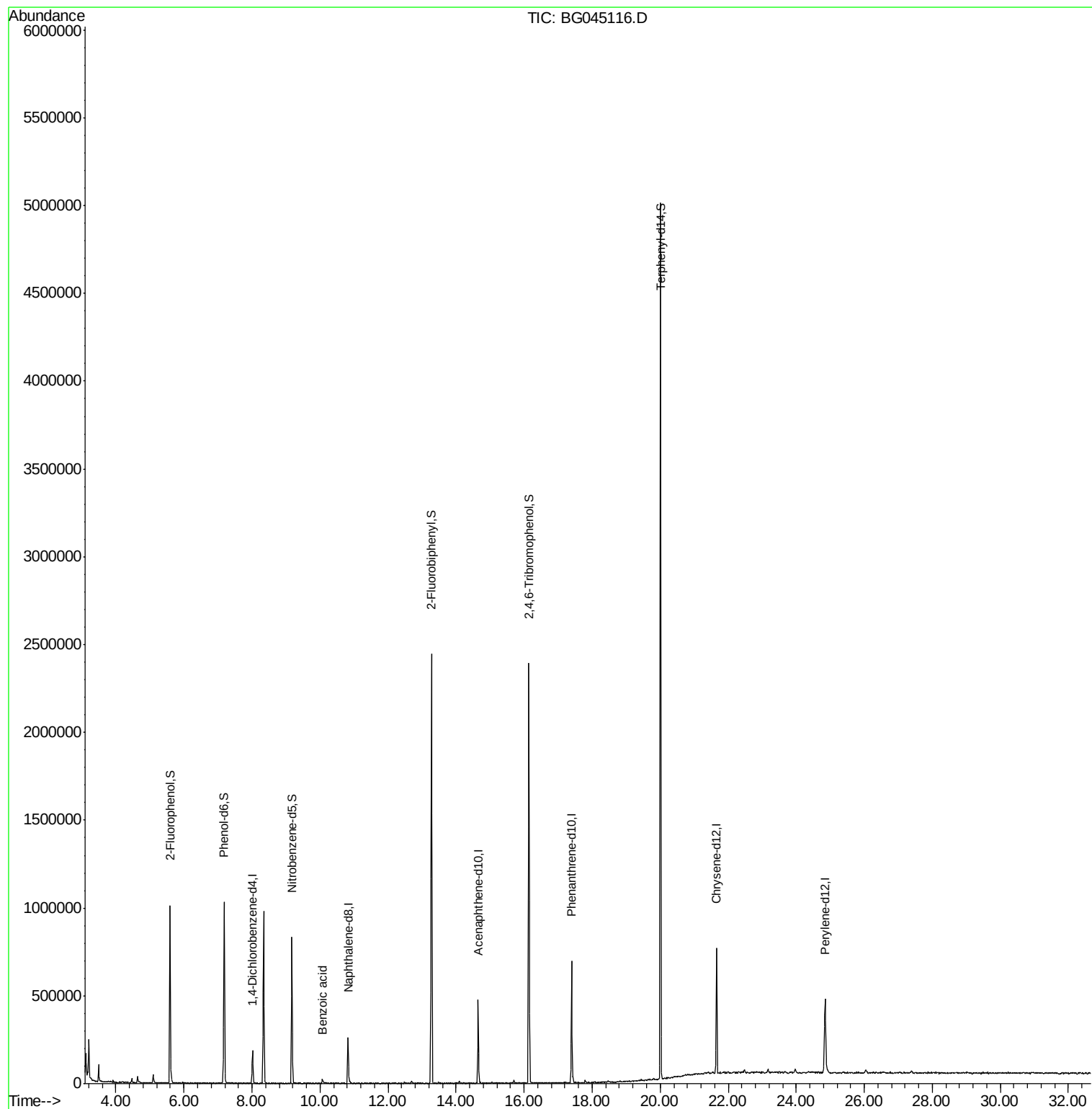
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	56544	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	230505	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	183127	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	462805	20.00	ng	0.00
76) Chrysene-d12	21.66	240	446844	20.00	ng	-0.01
87) Perylene-d12	24.85	264	479358	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	511939	149.47	ng	0.00
7) Phenol-d6	7.18	99	677580	133.16	ng	0.00
23) Nitrobenzene-d5	9.17	82	560236	110.90	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	489500	173.02	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	1331750	106.63	ng	0.00
79) Terphenyl-d14	20.01	244	2340701	114.17	ng	0.00
Target Compounds						
32) Benzoic acid	10.07	122	10100	9.437	ng	Qvalue 90

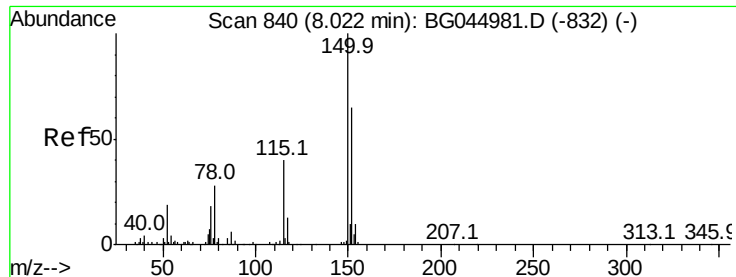
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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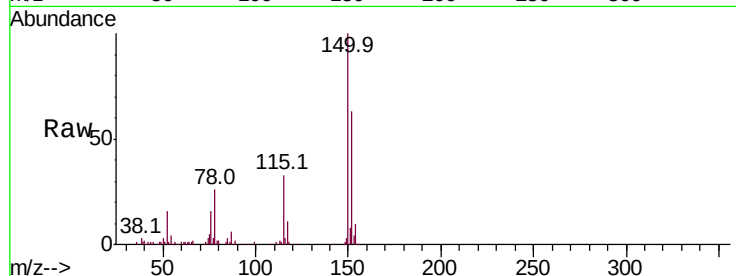


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG045116.D
Acq: 21 Apr 2020 17:58

Instrument :
BNA_G
ClientSampleId :
TP-19-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	123.6	185.4
115	52.2	49.1	73.7

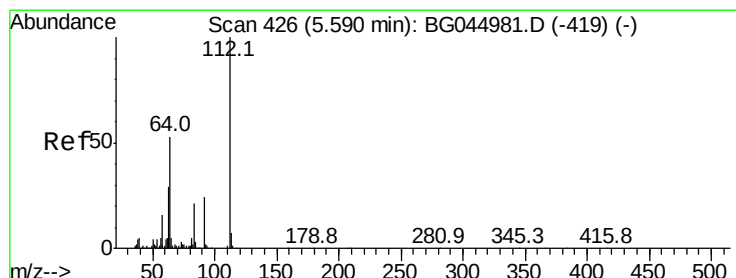
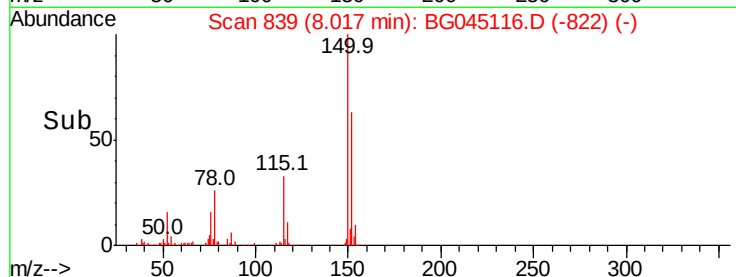
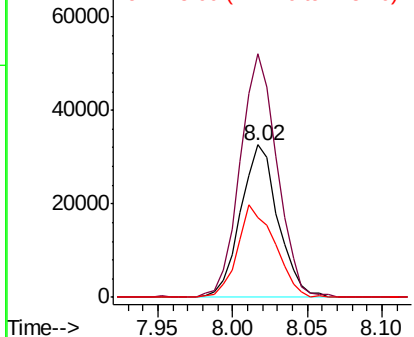


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

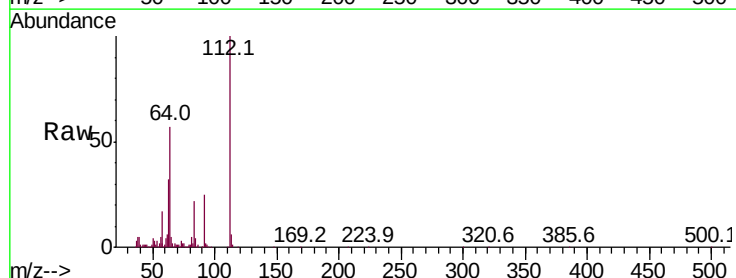
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 149.474 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG045116.D
Acq: 21 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	42.4	63.6
63	31.6	23.1	34.7

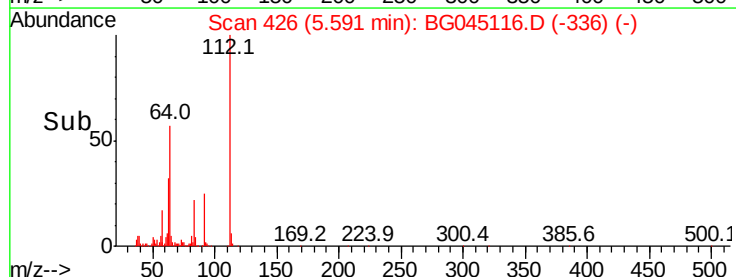
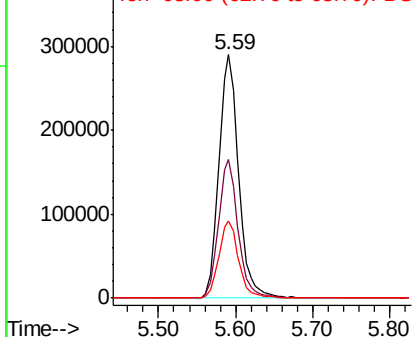


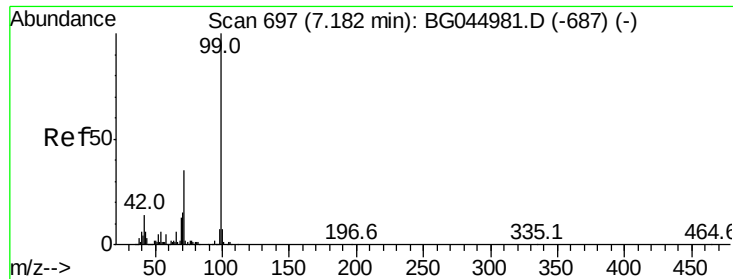
Abundance

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: 133.156 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045116.D

Acq: 21 Apr 2020 17:58

Instrument :

BNA_G

ClientSampleId :

TP-19-COMP

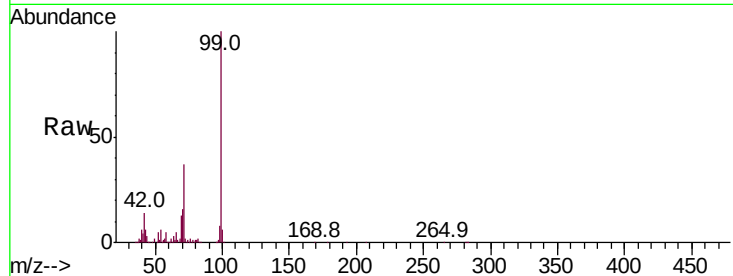
Tot Ion: 99 Resp: 677580

Ion Ratio Lower Upper

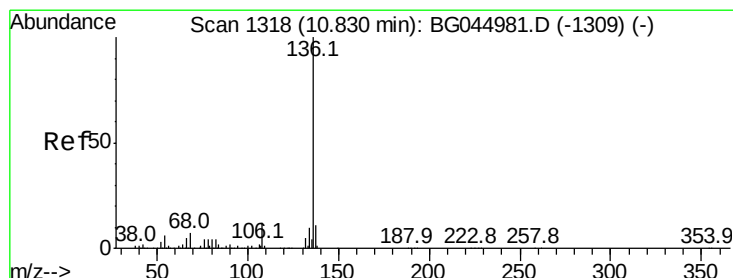
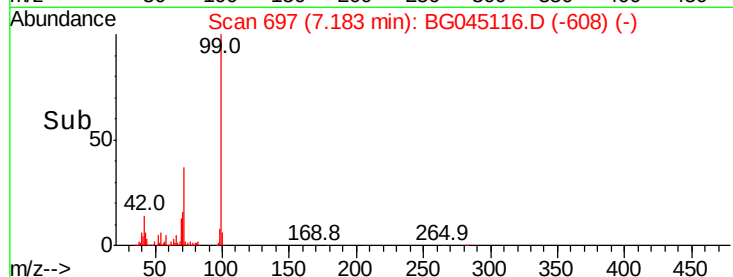
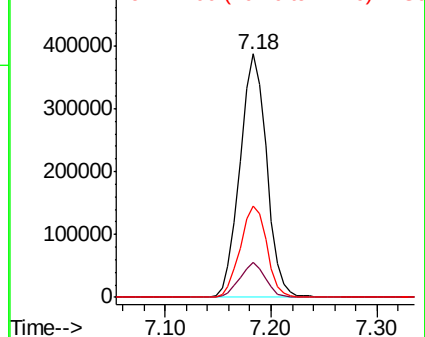
99 100

42 14.1 11.3 16.9

71 37.4 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: 10.82 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BG045116.D

Acq: 21 Apr 2020 17:58

Tgt Ion: 136 Resp: 230505

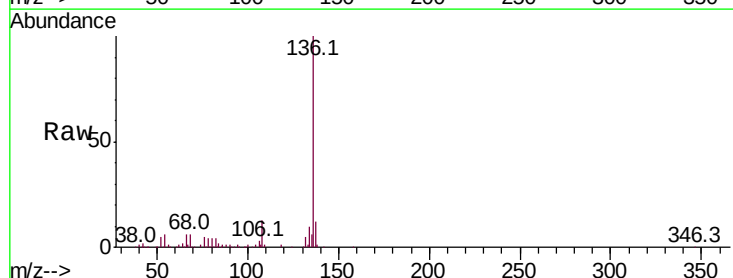
Ion Ratio Lower Upper

136 100

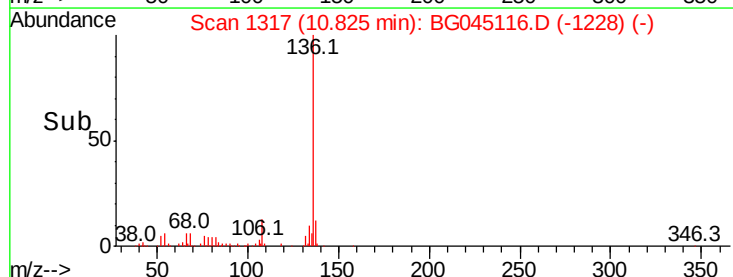
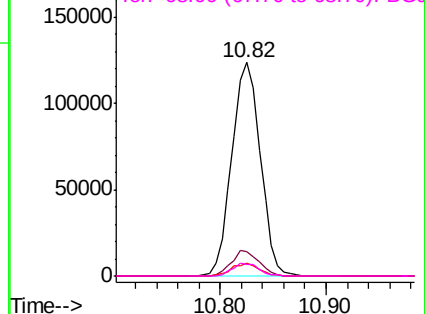
137 11.6 8.6 13.0

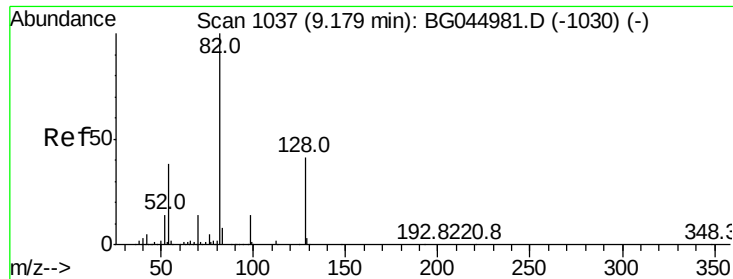
54 6.0 4.8 7.2

68 5.5 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

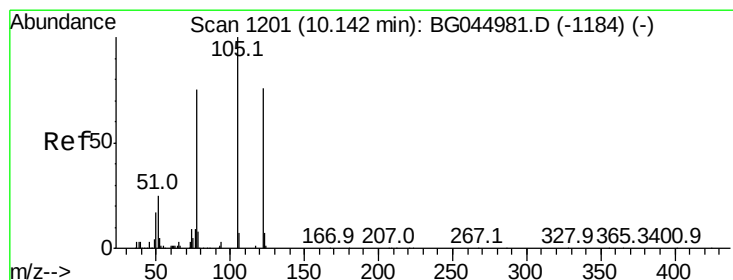
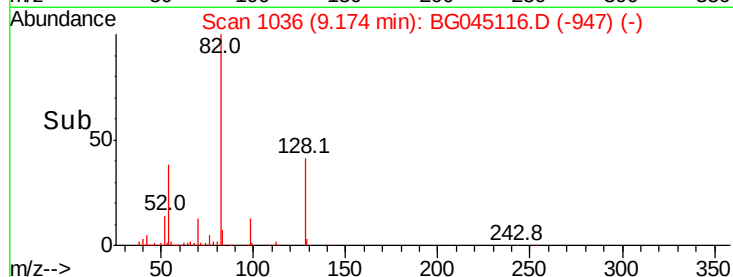
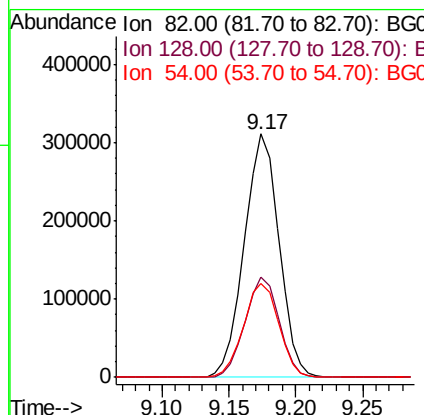
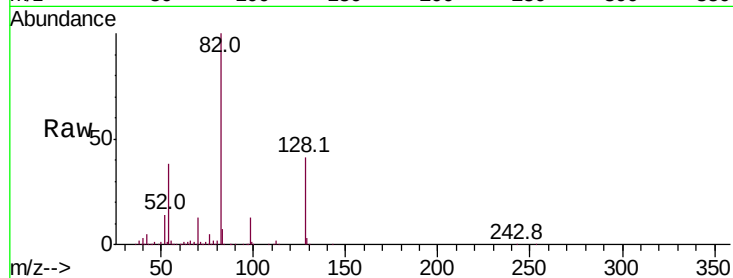




#23
 Nitrobenzene-d5
 Concen: 110.900 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG045116.D
 Acq: 21 Apr 2020 17:58

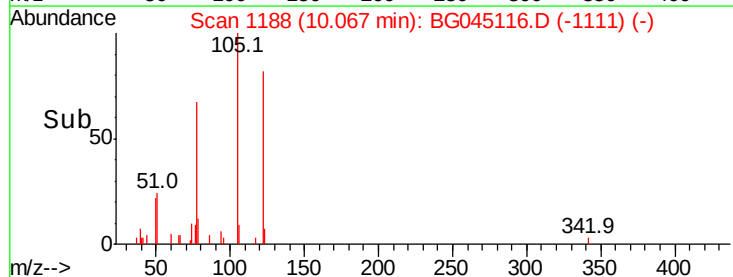
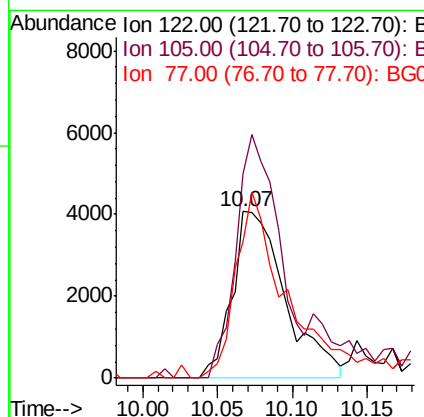
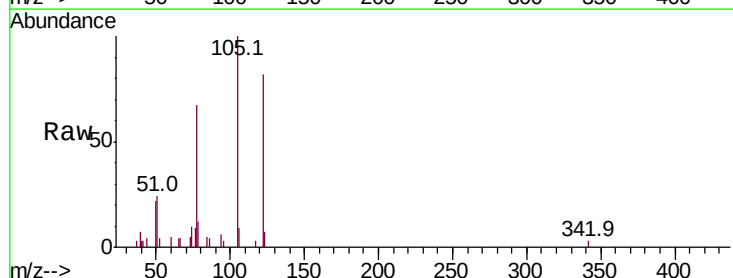
Instrument :
 BNA_G
 ClientSampleId :
 TP-19-COMP

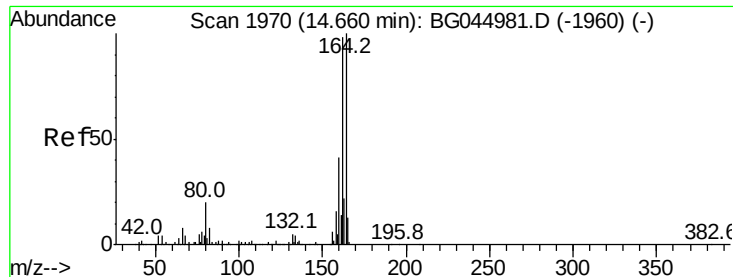
Tot Ion	82	Resp	560236
Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.0	49.4
54	38.4	30.4	45.6



#32
 Benzoic acid
 Concen: 9.437 ng
 RT: 10.07 min Scan# 1188
 Delta R.T. -0.08 min
 Lab File: BG045116.D
 Acq: 21 Apr 2020 17:58

Tgt Ion	122	Resp	10100
Ion	Ratio	Lower	Upper
122	100		
105	122.4	108.4	148.4
77	81.7	78.8	118.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG045116.D

Acq: 21 Apr 2020 17:58

Instrument :

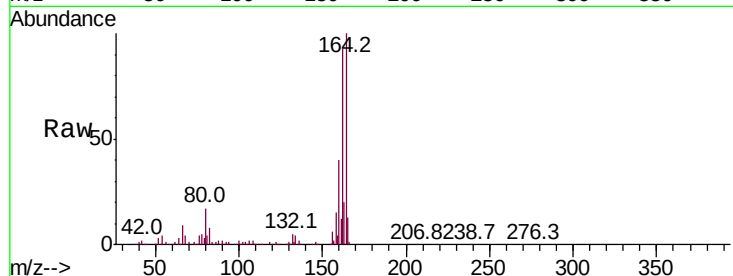
BNA_G

ClientSampleId :

TP-19-COMP

Tot Ion:164 Resp: 183127

Ion	Ratio	Lower	Upper
164	100		
162	93.2	78.7	118.1
160	39.6	32.8	49.2

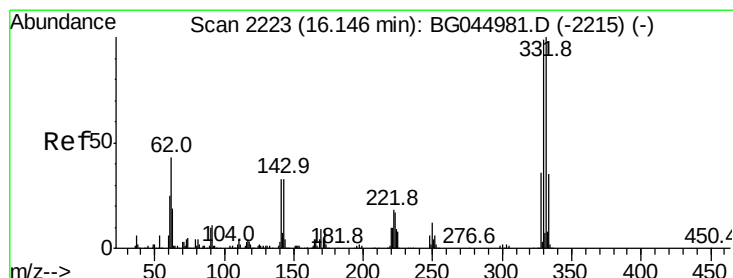
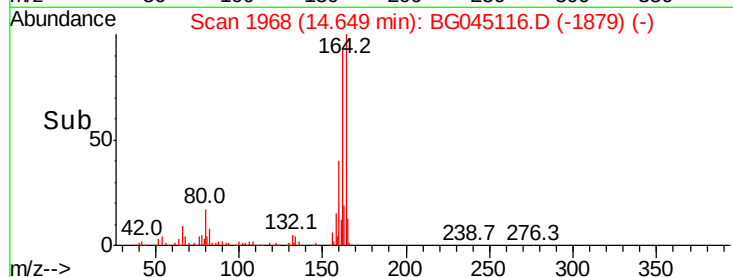
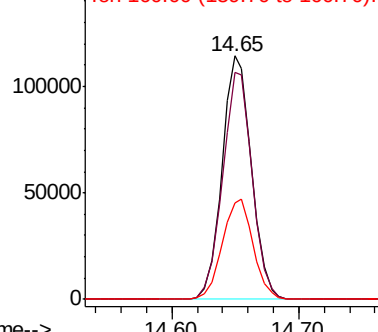


Abundance

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: 173.025 ng

RT: 16.14 min Scan# 2222

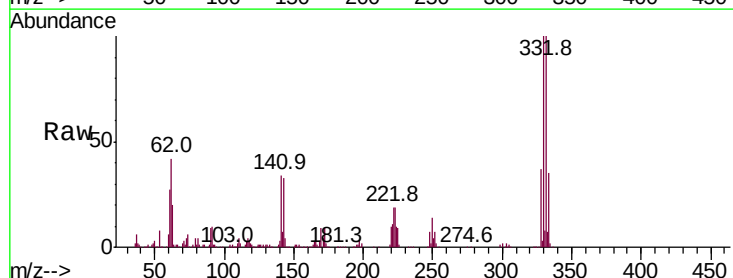
Delta R.T. -0.01 min

Lab File: BG045116.D

Acq: 21 Apr 2020 17:58

Tgt Ion:330 Resp: 489500

Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.1	118.7
141	34.3	27.1	40.7

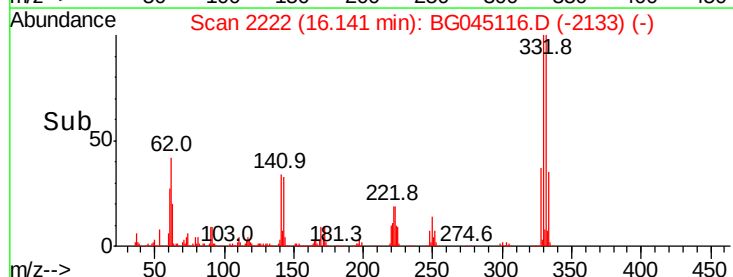
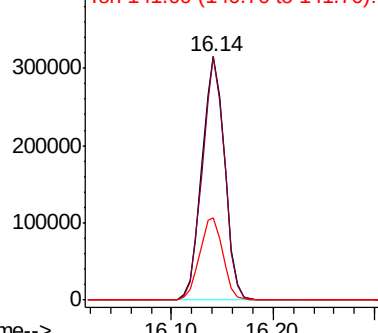


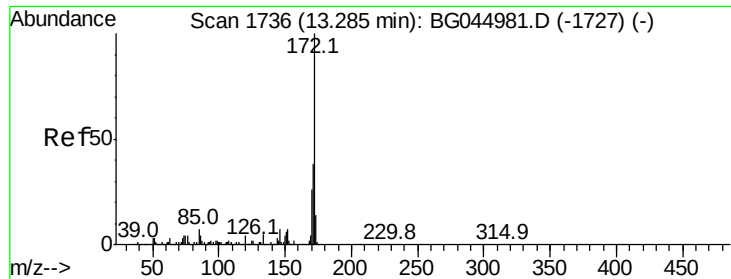
Abundance

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



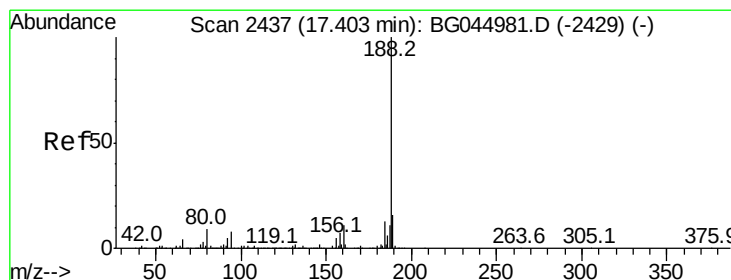
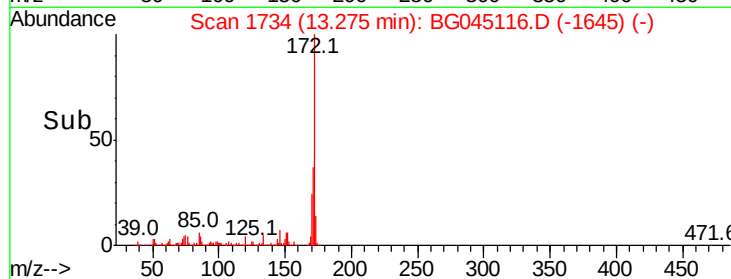
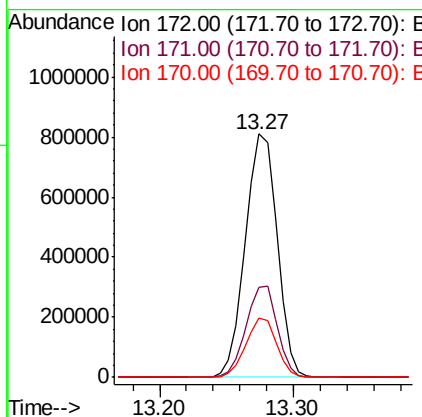
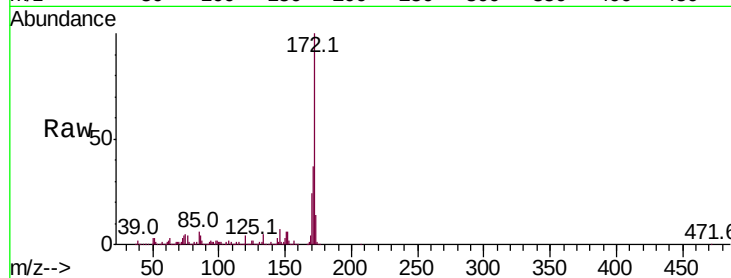


#45
 2-Fluorobiphenyl
 Concen: 106.635 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG045116.D
 Acq: 21 Apr 2020 17:58

Instrument :
 BNA_G
 ClientSampled :
 TP-19-COMP

Tot Ion:172 Resp: 1331750

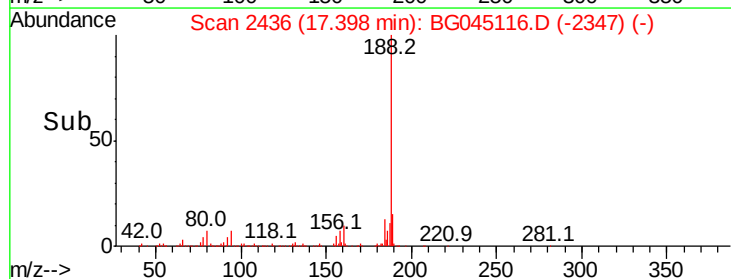
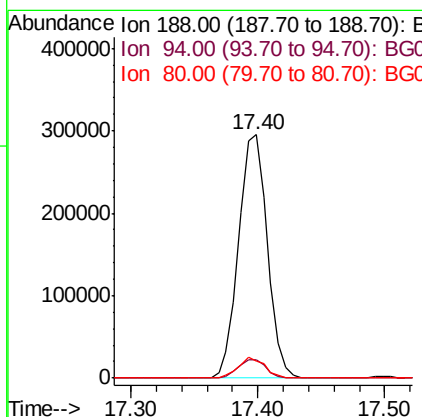
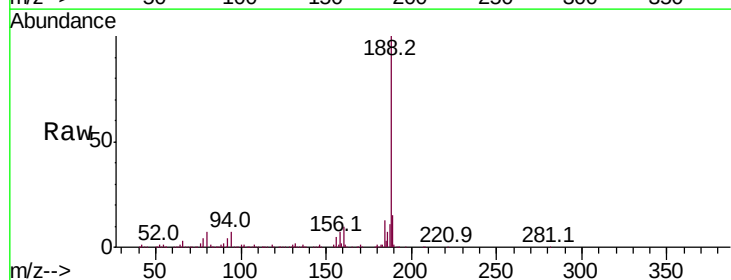
Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	46.0
170	24.2	20.5	30.7

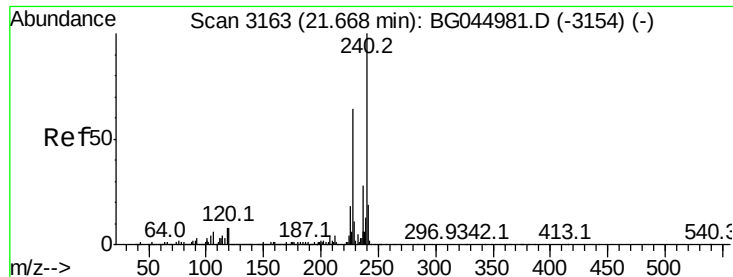


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG045116.D
 Acq: 21 Apr 2020 17:58

Tgt Ion:188 Resp: 462805

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.4
80	7.1	7.0	10.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG045116.D

Acq: 21 Apr 2020 17:58

Instrument :

BNA_G

ClientSampleId :

TP-19-COMP

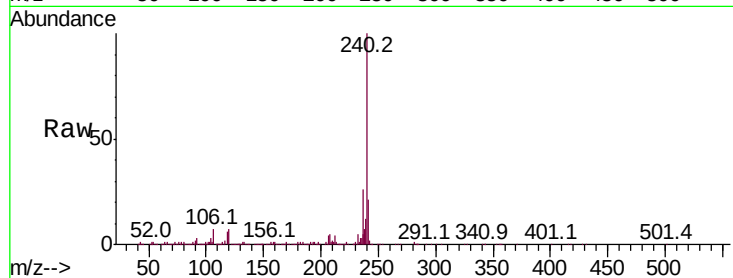
Tot Ion:240 Resp: 446844

Ion Ratio Lower Upper

240 100

120 6.6 6.6 10.0#

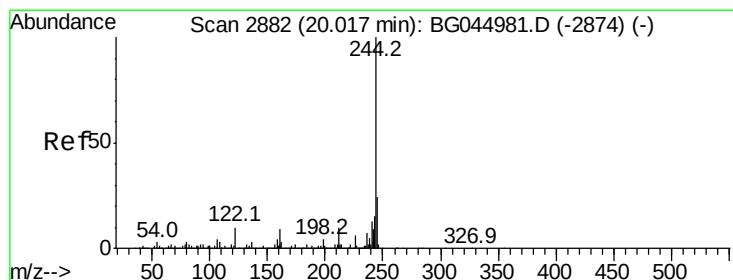
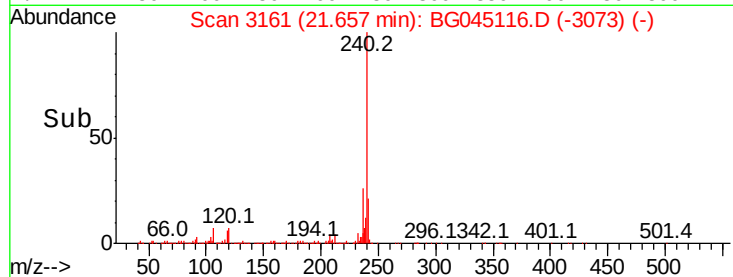
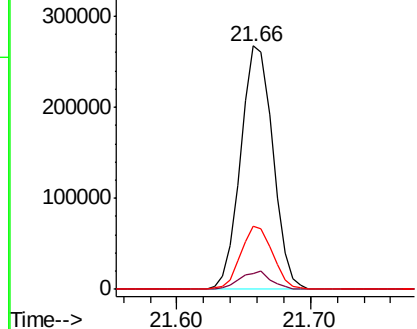
236 25.8 22.2 33.2



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: 114.172 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045116.D

Acq: 21 Apr 2020 17:58

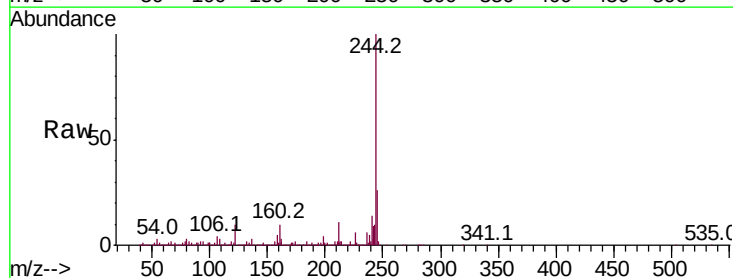
Tgt Ion:244 Resp: 2340701

Ion Ratio Lower Upper

244 100

212 10.7 7.9 11.9

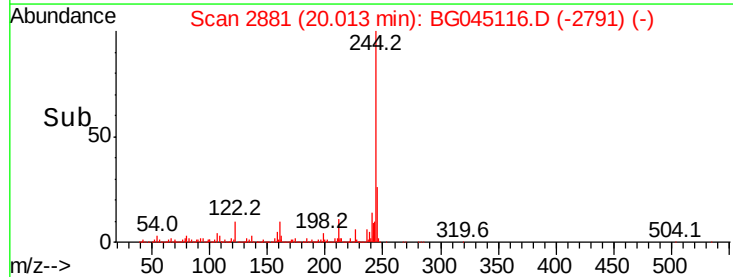
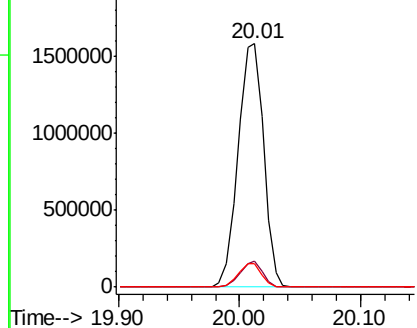
122 9.7 7.7 11.5

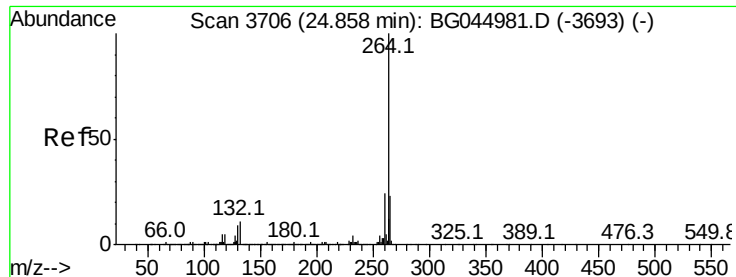


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG045116.D

Acq: 21 Apr 2020 17:58

Instrument :

BNA_G

ClientSampleId :

TP-19-COMP

Tot Ion:264 Resp: 479358

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.3 19.0 28.4

