

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042644.D
 Acq On : 31 Aug 2019 22:54
 Operator : HP/JU
 Sample : K4544-30
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T16-17-C1-C4-(0-2.25)

Quant Time: Sep 01 00:38:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	34682	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	125215	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	91896	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	223635	20.00	ng	0.00
76) Chrysene-d12	21.68	240	245424	20.00	ng	-0.01
87) Perylene-d12	24.92	264	287576	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	218703	127.71	ng	0.00
7) Phenol-d6	7.16	99	260277	112.52	ng	0.00
23) Nitrobenzene-d5	9.16	82	179458	99.04	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	192816	147.62	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	577479	106.28	ng	0.00
79) Terphenyl-d14	20.02	244	1189193	104.75	ng	0.00

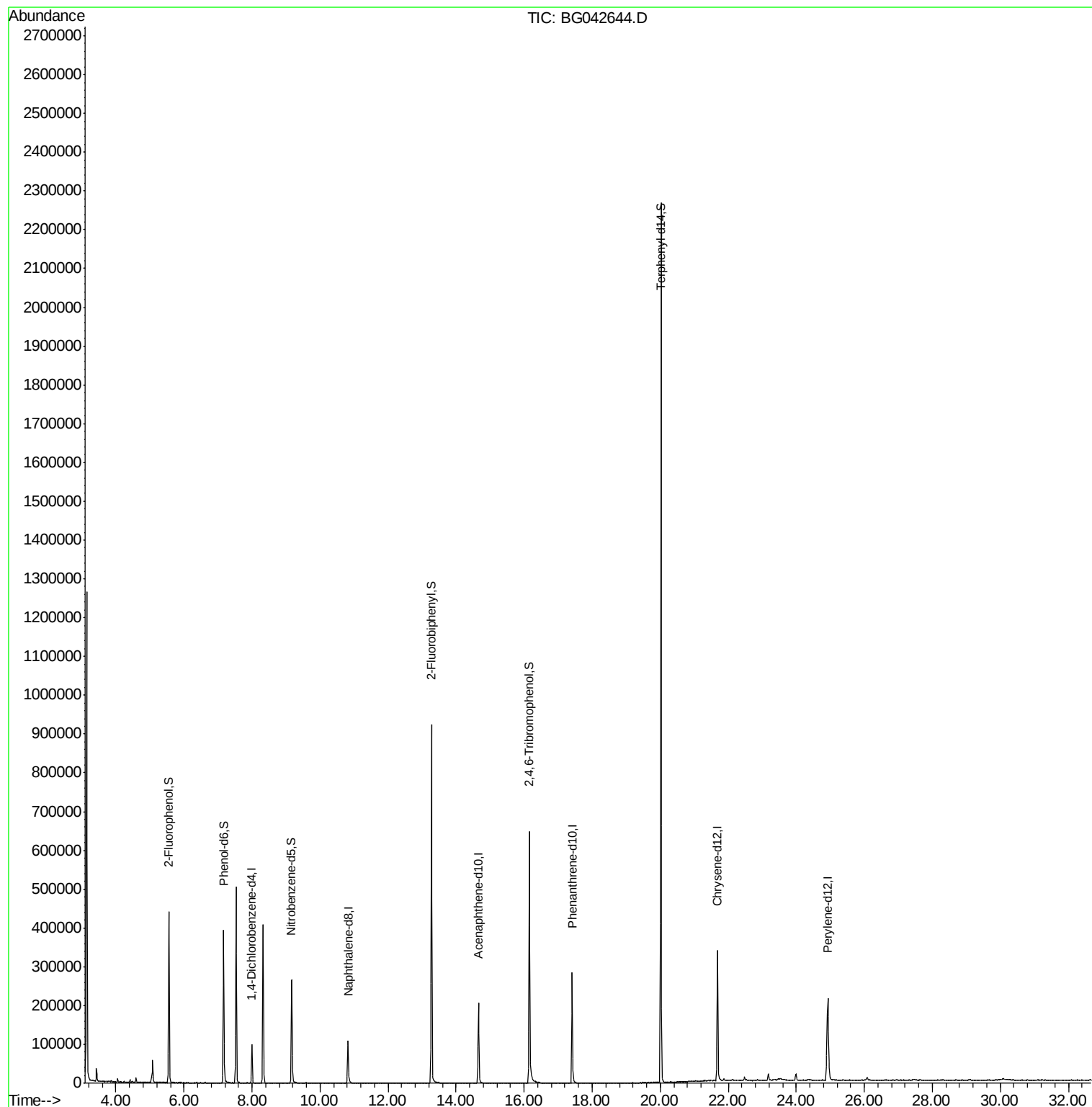
Target Compounds Qvalue

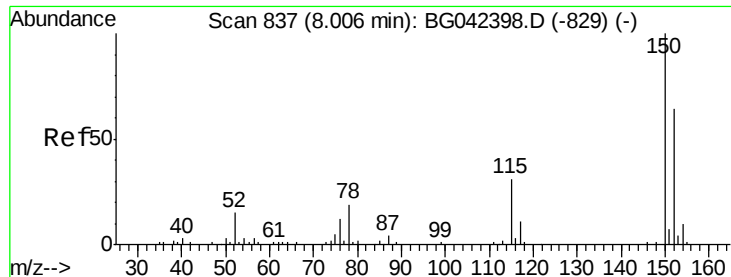
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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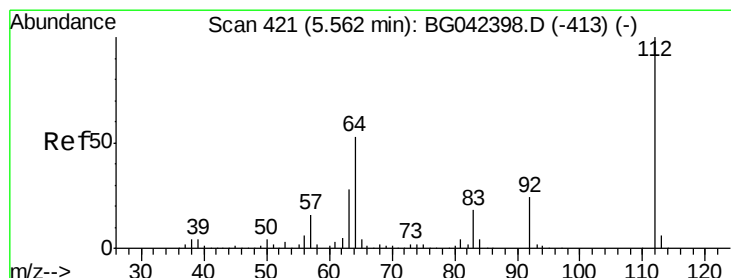
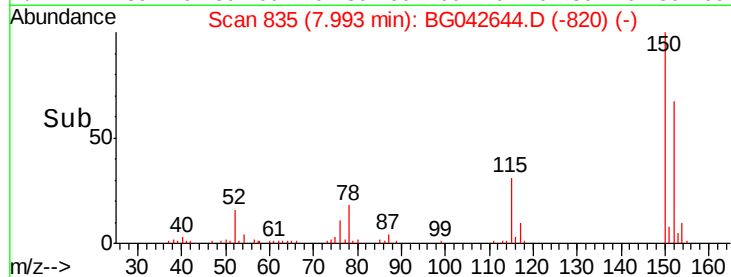
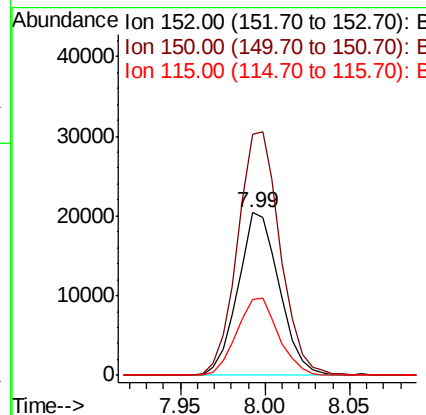
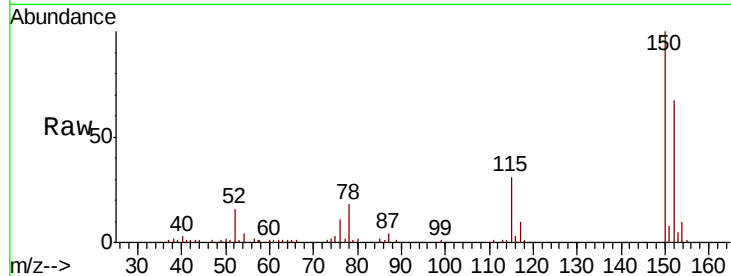


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042644.D
Acq: 31 Aug 2019 22:54

Instrument :
BNA_G
ClientSampleId :
T16-17-C1-C4-(0-2.25)

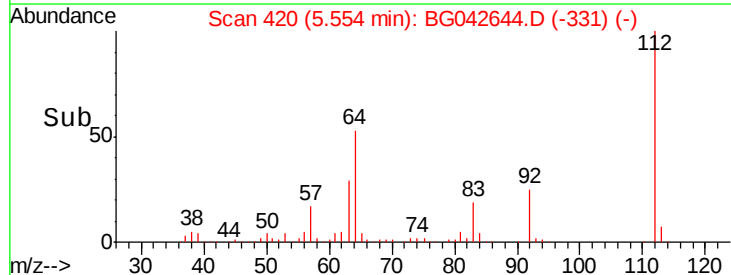
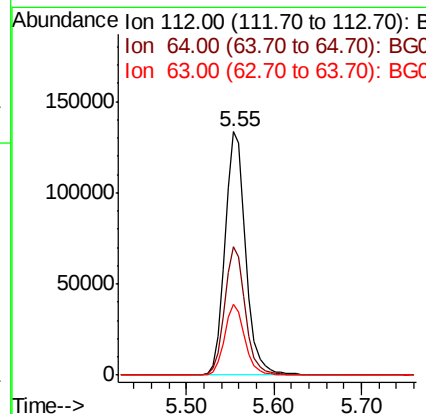
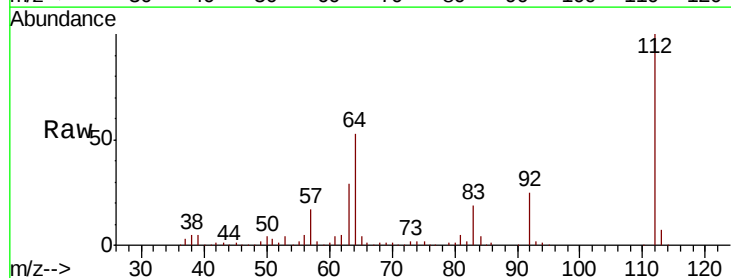
Tot Ion:152 Resp: 34682
Ion Ratio Lower Upper
152 100
150 148.5 125.4 188.0
115 46.6 38.5 57.7

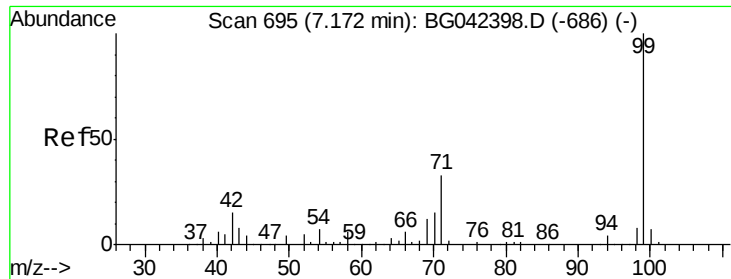


#5

2-Fluorophenol
Concen: 127.714 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042644.D
Acq: 31 Aug 2019 22:54

Tgt Ion:112 Resp: 218703
Ion Ratio Lower Upper
112 100
64 52.9 42.8 64.2
63 29.3 22.7 34.1





#7

Phenol-d6

Concen: 112.522 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042644.D

Acq: 31 Aug 2019 22:54

Instrument :

BNA_G

ClientSampleId :

T16-17-C1-C4-(0-2.25)

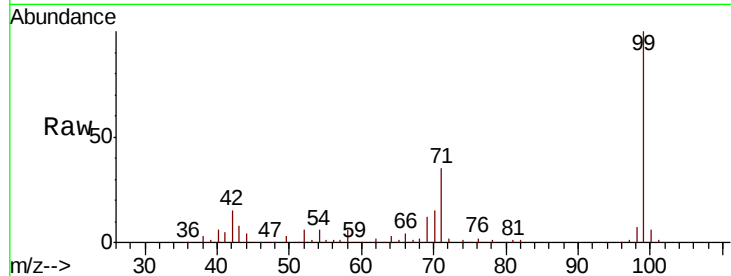
Tot Ion: 99 Resp: 260277

Ion Ratio Lower Upper

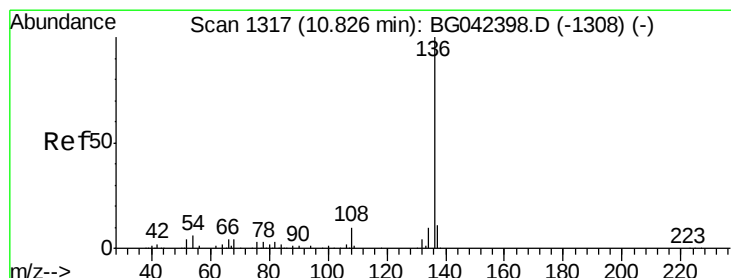
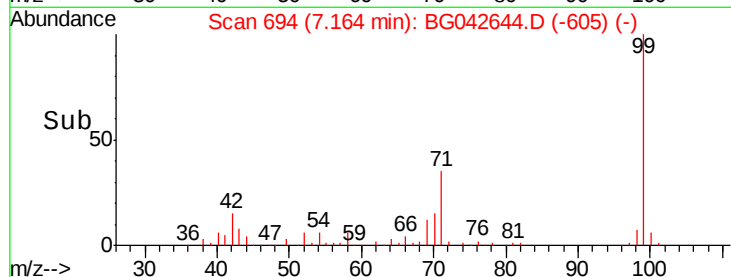
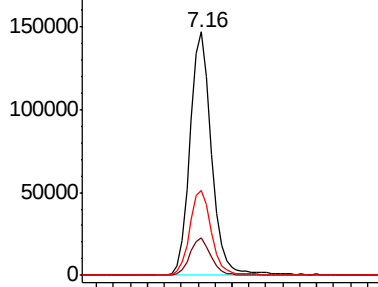
99 100

42 15.4 12.0 18.0

71 35.0 26.3 39.5



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# 1316

Delta R.T. -0.01 min

Lab File: BG042644.D

Acq: 31 Aug 2019 22:54

Tgt Ion: 136 Resp: 125215

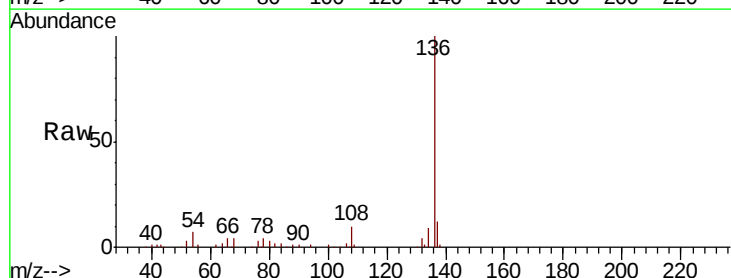
Ion Ratio Lower Upper

136 100

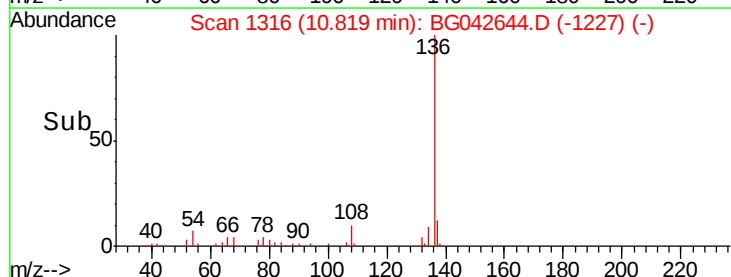
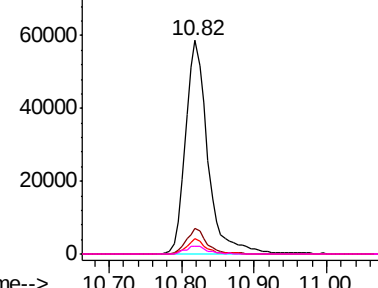
137 12.0 8.7 13.1

54 7.1 4.9 7.3

68 3.6 3.6 5.4#



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

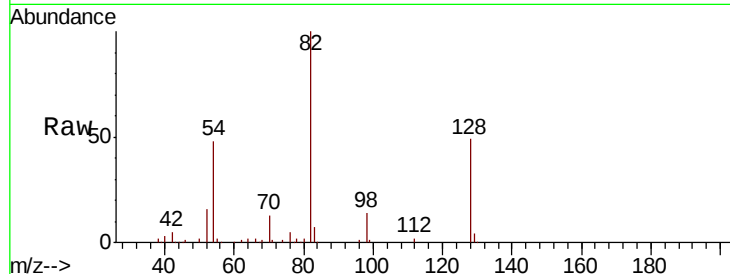




#23
Nitrobenzene-d5
Concen: 99.040 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042644.D
Acq: 31 Aug 2019 22:54

Instrument :
BNA_G
ClientSampleId :
T16-17-C1-C4-(0-2.25)

Tot Ion	82	Resp	179458
Ion Ratio	Lower	Upper	
82	100		
128	49.3	40.7	61.1
54	48.3	36.3	54.5

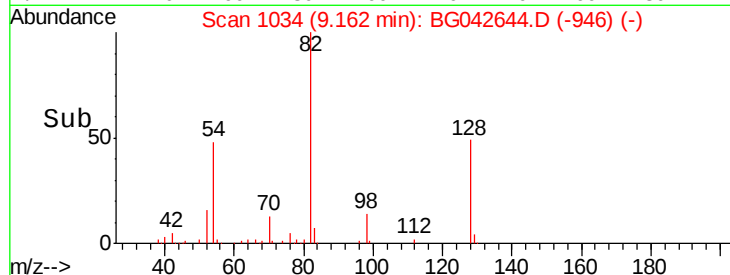
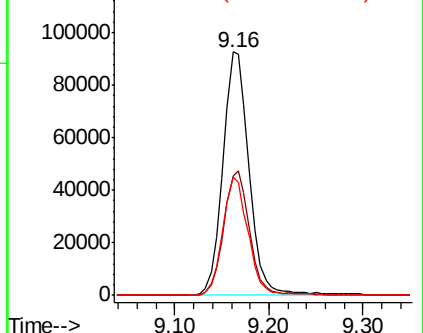


Abundance

Ion 82.00 (81.70 to 82.70): BGC

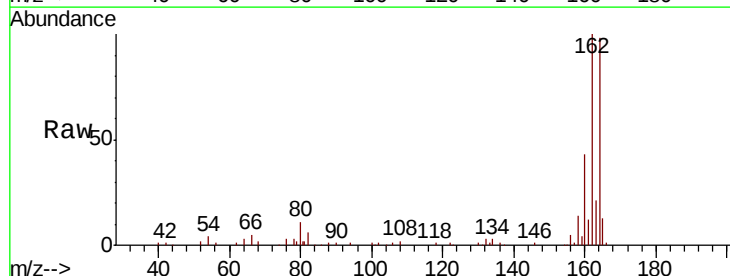
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042644.D
Acq: 31 Aug 2019 22:54

Tgt Ion	164	Resp	91896
Ion Ratio	Lower	Upper	
164	100		
162	101.9	79.9	119.9
160	43.8	34.3	51.5

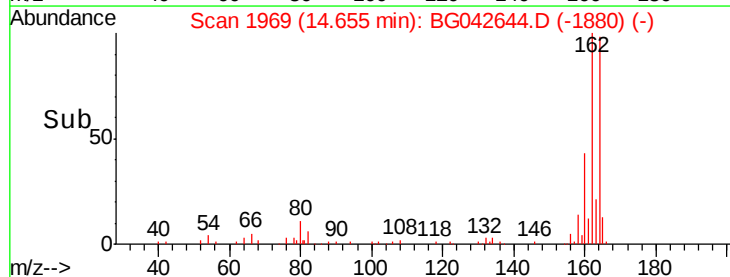
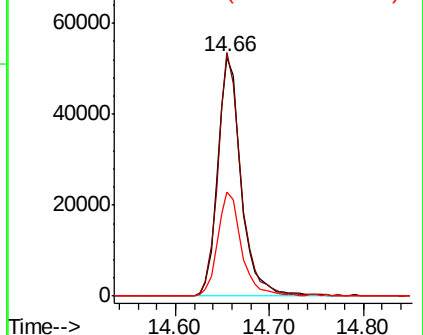


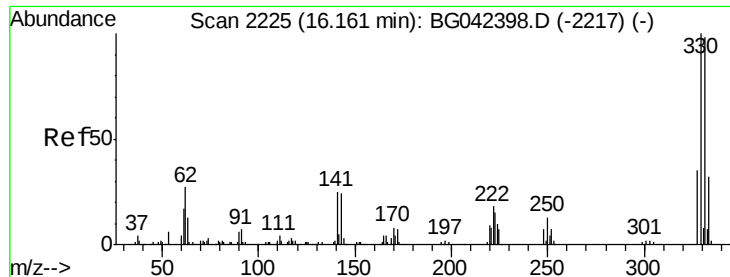
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

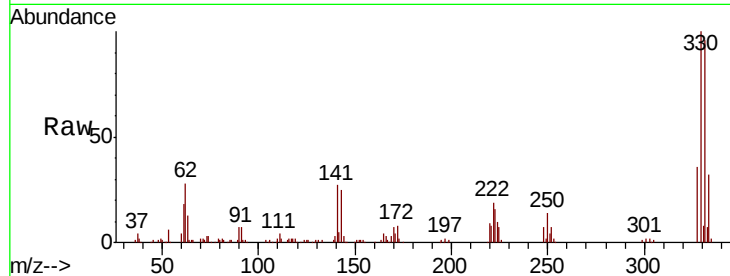




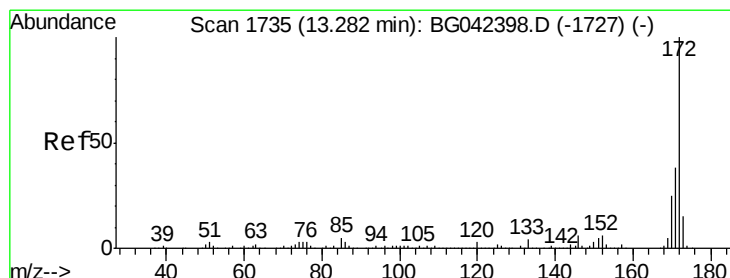
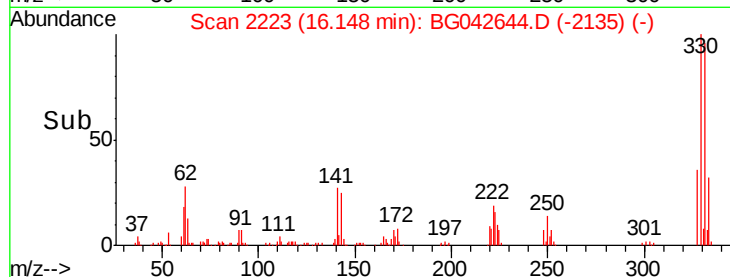
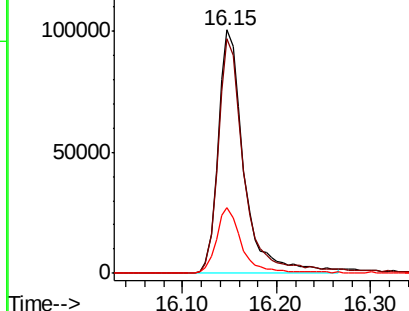
#42
 2,4,6-Tribromophenol
 Concen: 147.622 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042644.D
 Acq: 31 Aug 2019 22:54

Instrument :
 BNA_G
 ClientSampleId :
 T16-17-C1-C4-(0-2.25)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.4	116.0
141	27.2	21.4	32.0

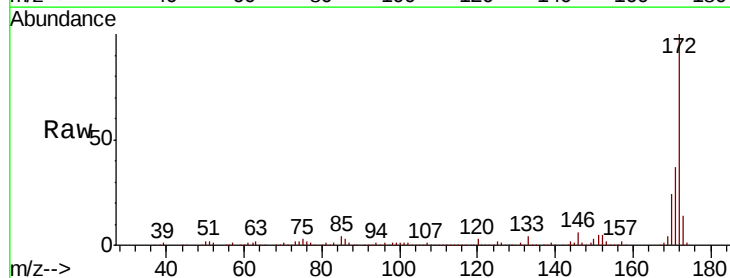


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

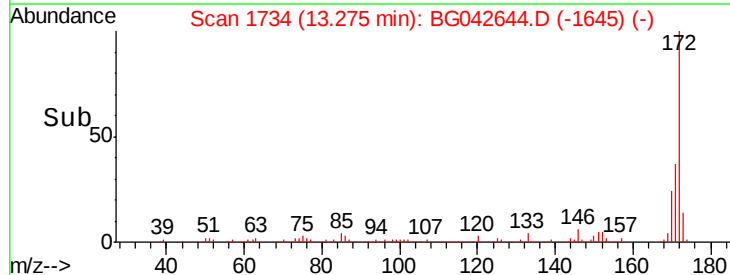
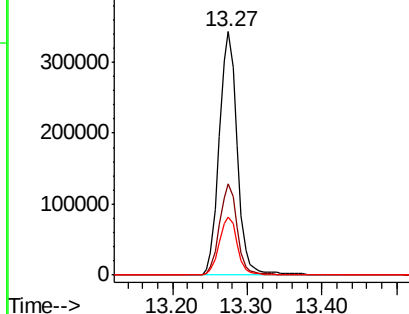


#45
 2-Fluorobiphenyl
 Concen: 106.281 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042644.D
 Acq: 31 Aug 2019 22:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	23.6	20.2	30.2



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

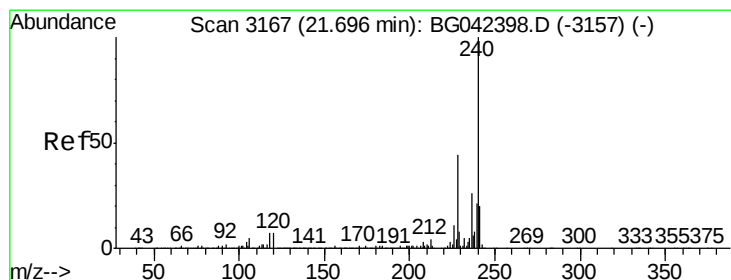
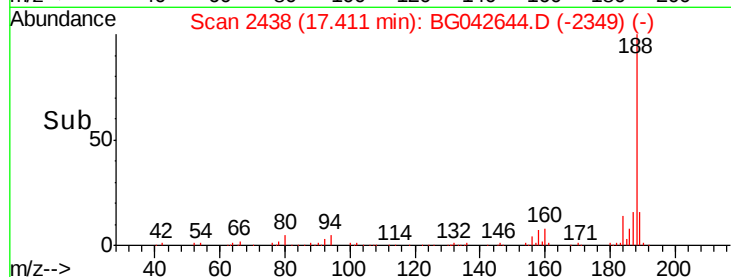
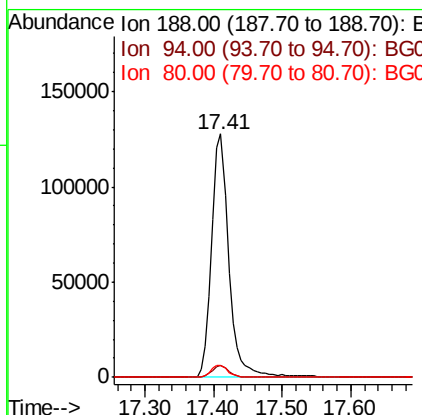
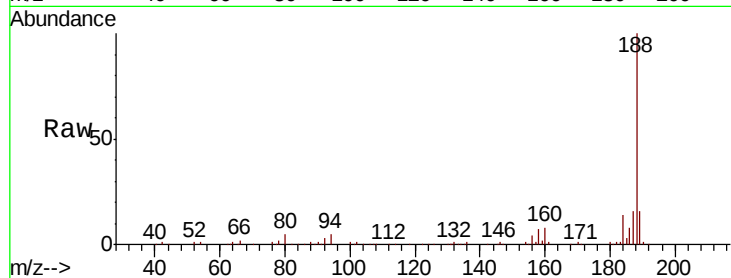




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042644.D
Acq: 31 Aug 2019 22:54

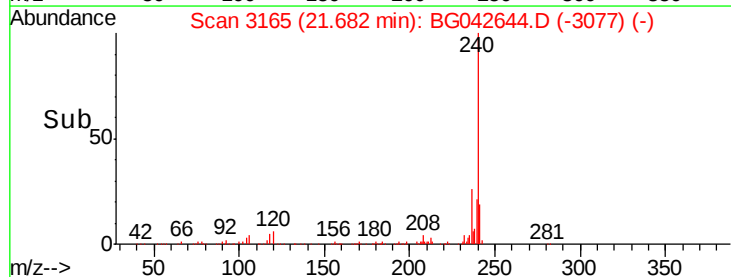
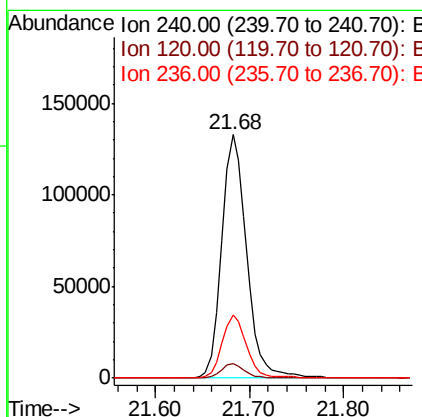
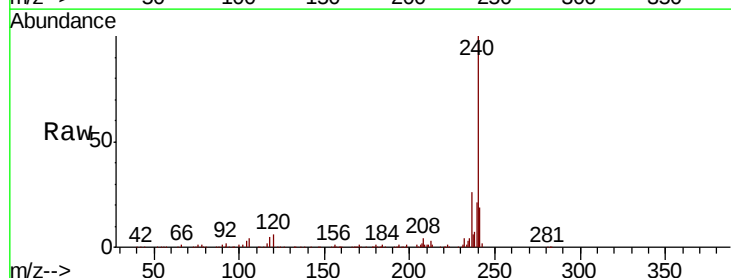
Instrument :
BNA_G
ClientSampleId :
T16-17-C1-C4-(0-2.25)

Tot Ion:188 Resp: 223635
Ion Ratio Lower Upper
188 100
94 5.1 4.5 6.7
80 5.0 4.9 7.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042644.D
Acq: 31 Aug 2019 22:54

Tgt Ion:240 Resp: 245424
Ion Ratio Lower Upper
240 100
120 5.9 5.7 8.5
236 26.0 21.0 31.4





#79

Terphenyl-d14

Concen: 104.755 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042644.D

Acq: 31 Aug 2019 22:54

Instrument :

BNA_G

ClientSampleId :

T16-17-C1-C4-(0-2.25)

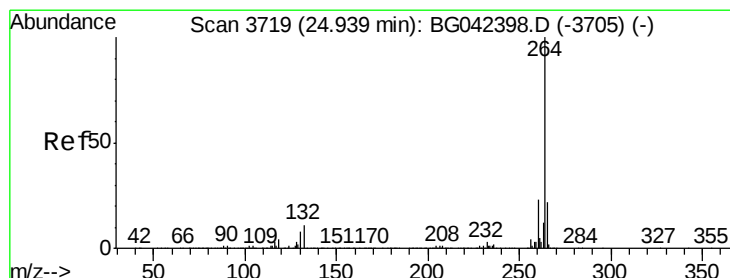
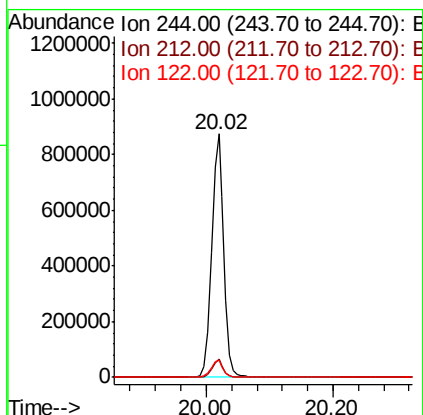
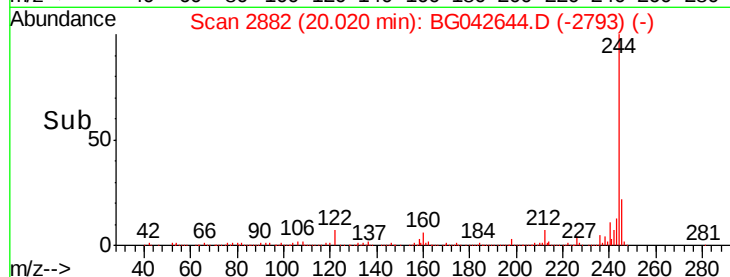
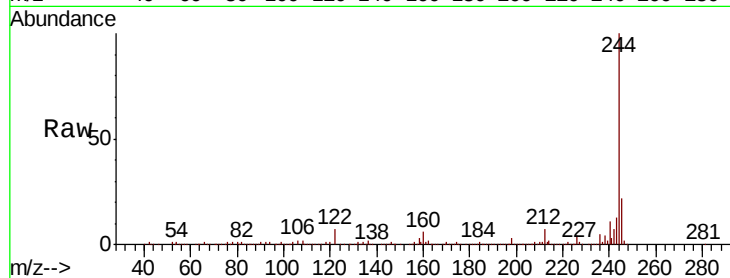
Tot Ion:244 Resp: 1189193

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 6.9 6.7 10.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042644.D

Acq: 31 Aug 2019 22:54

Tgt Ion:264 Resp: 287576

Ion Ratio Lower Upper

264 100

260 22.5 18.5 27.7

265 21.2 17.6 26.4

