

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040422.D
 Acq On : 10 Apr 2019 19:40
 Operator : JU/SJ
 Sample : K2335-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SV30755L

Quant Time: Apr 11 05:51:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

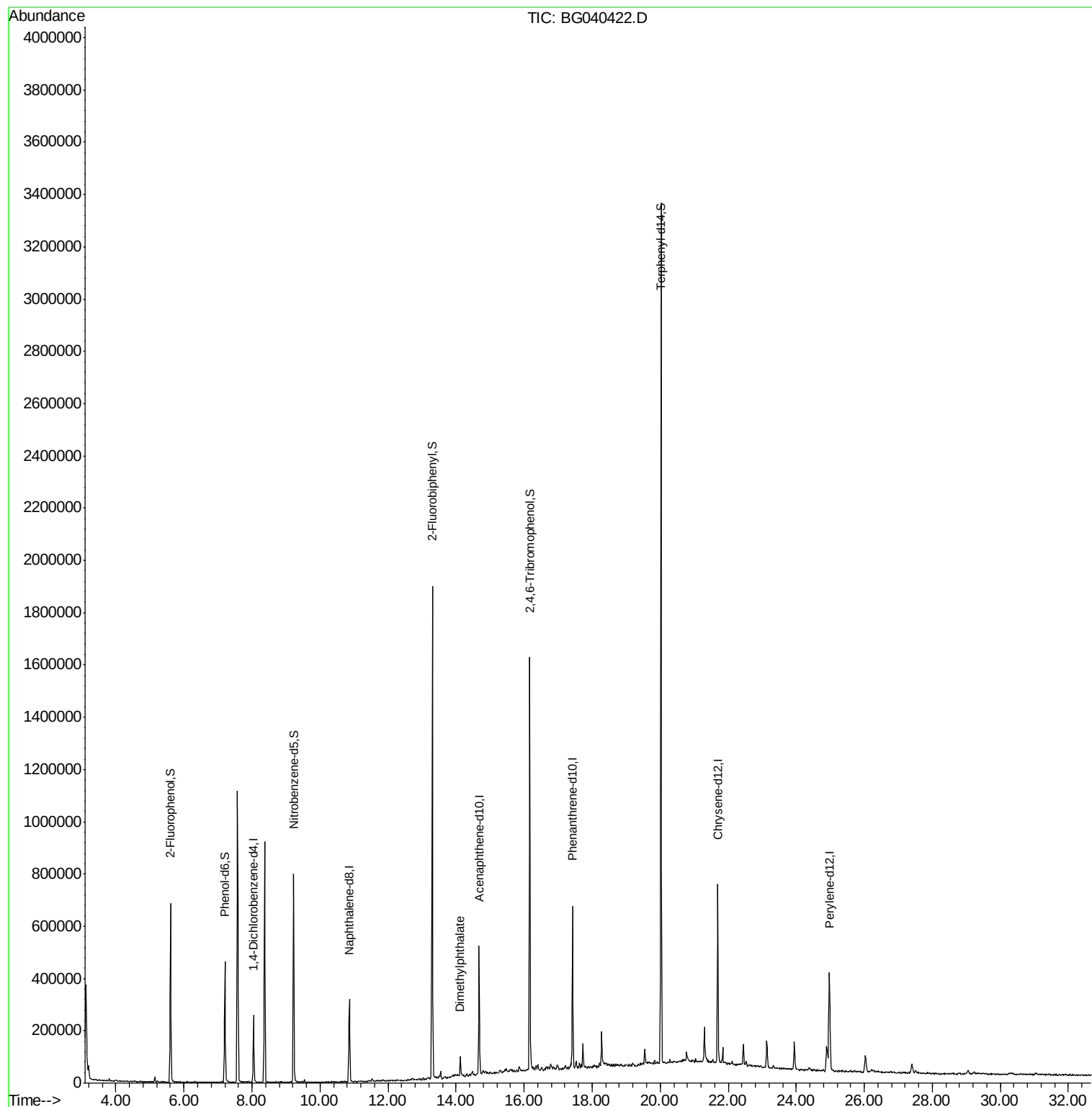
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	74545	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	285404	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	163996	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	394400	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	402252	20.00	ng	-0.03
87) Perylene-d12	24.97	264	410323	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	315455	70.35	ng	-0.02
7) Phenol-d6	7.20	99	283200	45.70	ng	-0.02
23) Nitrobenzene-d5	9.22	82	504931	94.04	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	282784	159.55	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1026258	92.73	ng	-0.02
79) Terphenyl-d14	20.03	244	1590107	88.93	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.12	163	49846	3.884	ng	Qvalue 98

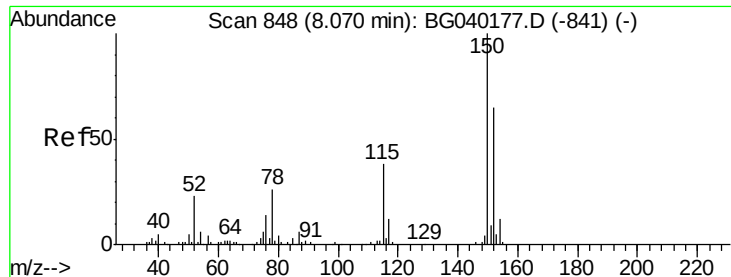
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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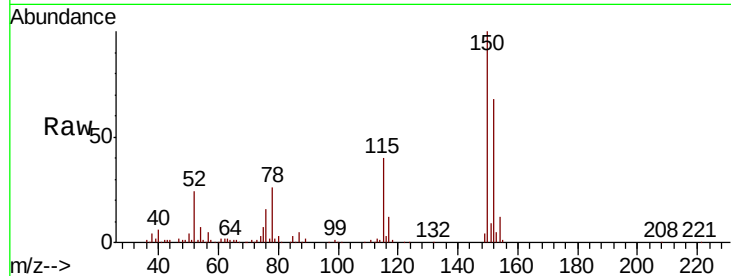


#1

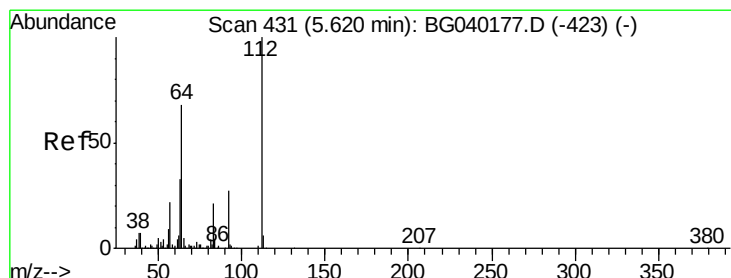
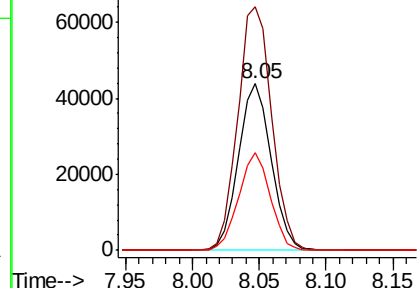
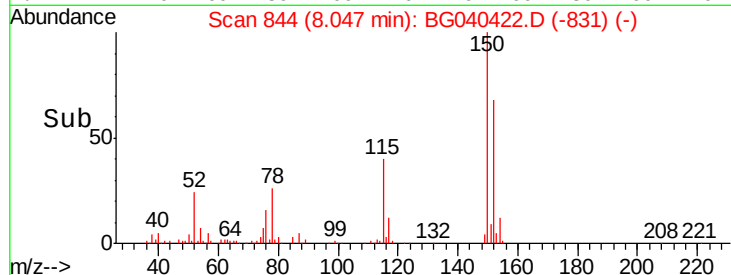
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040422.D
Acq: 10 Apr 2019 19:40

Instrument :
BNA_G
ClientSampleId :
SV30755L

Tot Ion:152 Resp: 74545
Ion Ratio Lower Upper
152 100
150 146.4 123.7 185.5
115 58.9 46.9 70.3



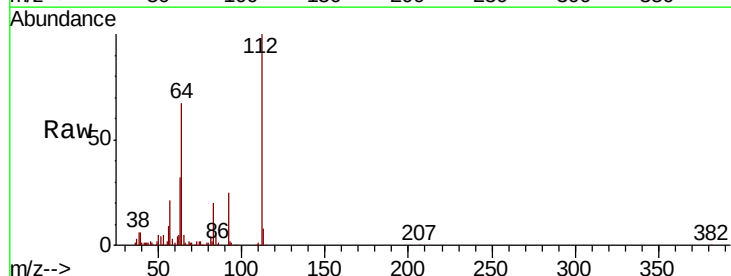
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



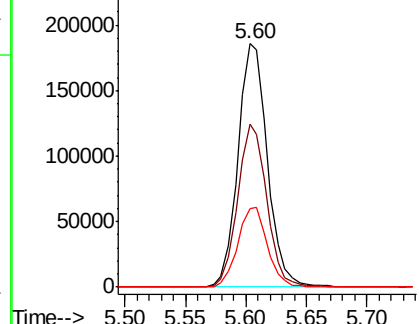
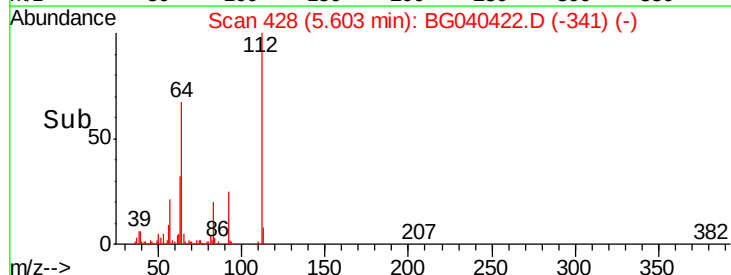
#5

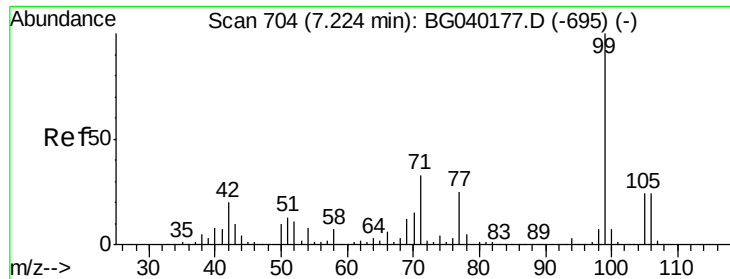
2-Fluorophenol
Concen: 70.349 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040422.D
Acq: 10 Apr 2019 19:40

Tgt Ion:112 Resp: 315455
Ion Ratio Lower Upper
112 100
64 66.8 54.2 81.2
63 32.4 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 45.698 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040422.D

Acq: 10 Apr 2019 19:40

Instrument :

BNA_G

ClientSampleId :

SV30755L

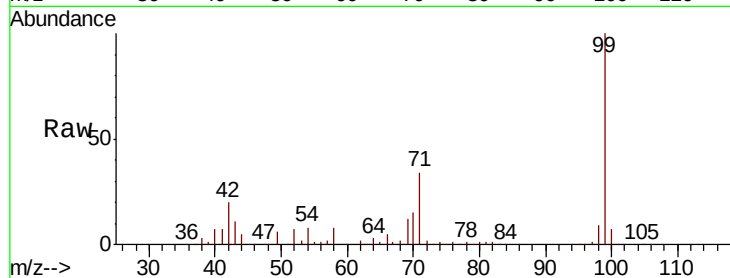
Tot Ion: 99 Resp: 283200

Ion Ratio Lower Upper

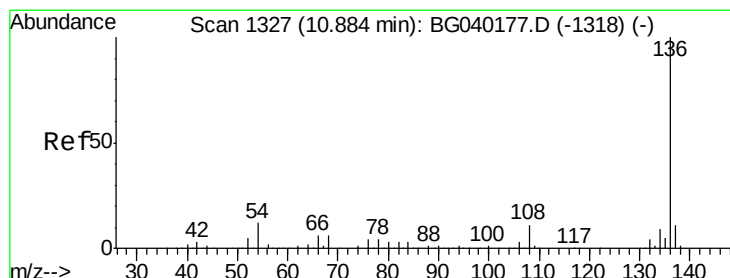
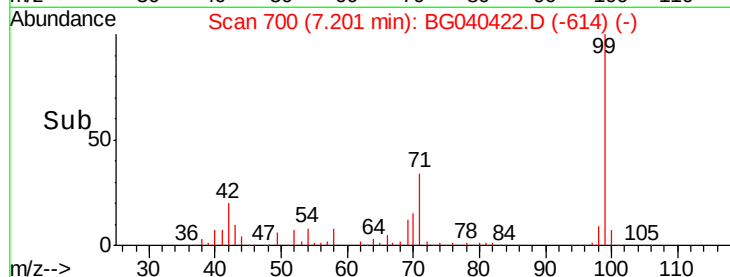
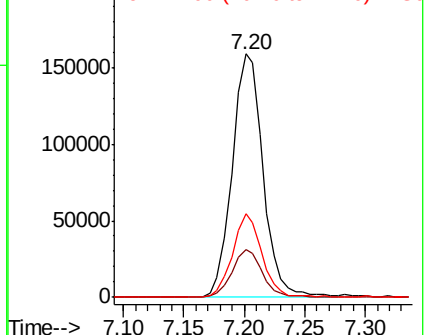
99 100

42 19.9 16.2 24.2

71 34.1 26.8 40.2



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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040422.D

Acq: 10 Apr 2019 19:40

Tgt Ion: 136 Resp: 285404

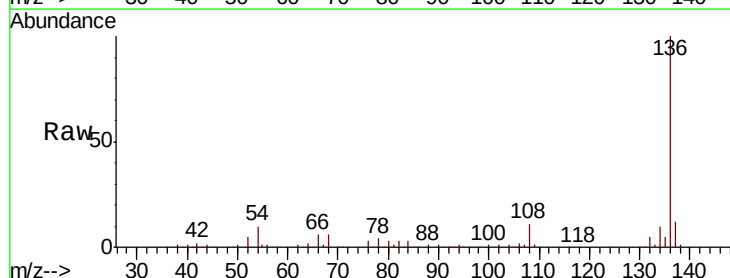
Ion Ratio Lower Upper

136 100

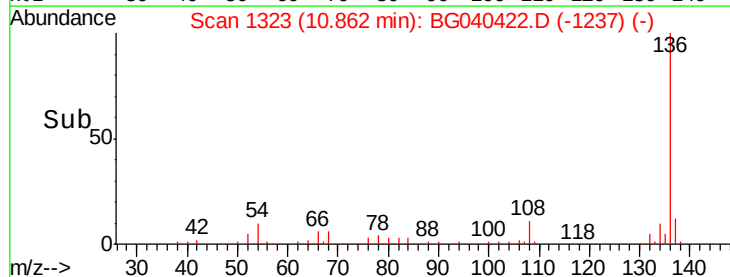
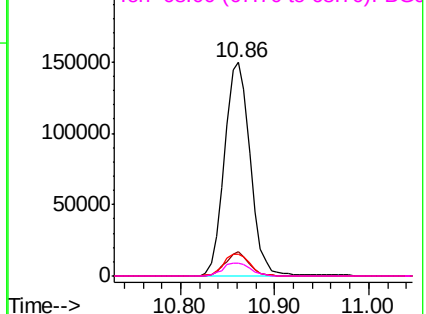
137 11.6 8.9 13.3

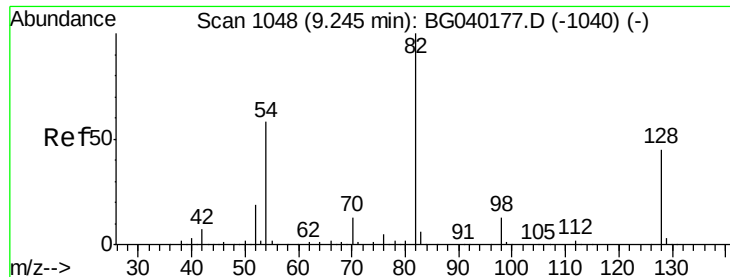
54 9.9 9.6 14.4

68 6.3 5.1 7.7



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

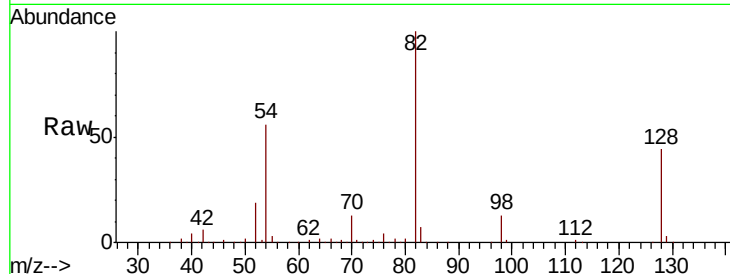




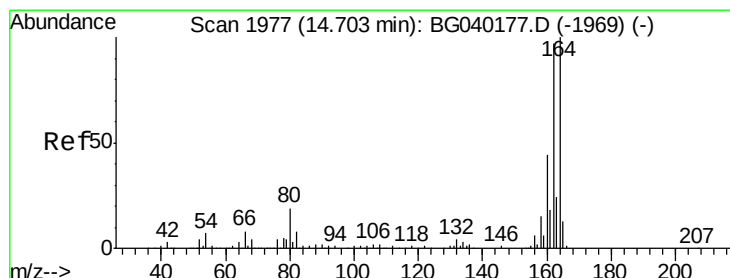
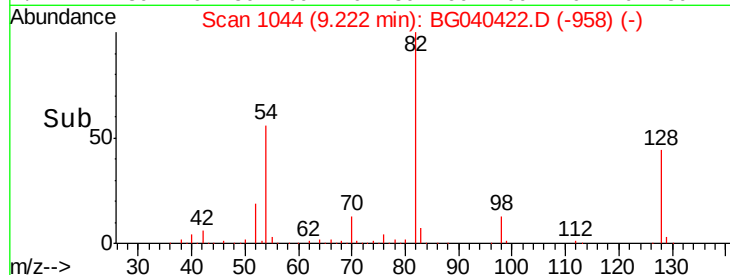
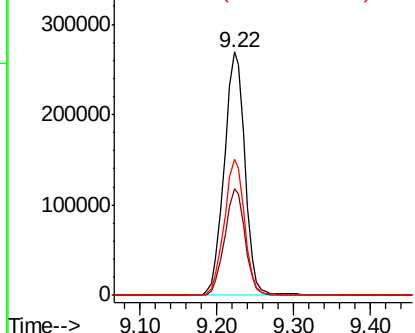
#23
Nitrobenzene-d5
Concen: 94.038 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040422.D
Acq: 10 Apr 2019 19:40

Instrument :
BNA_G
ClientSampleId :
SV30755L

Tot Ion: 82 Resp: 504931
Ion Ratio Lower Upper
82 100
128 43.7 35.8 53.8
54 55.9 46.2 69.2

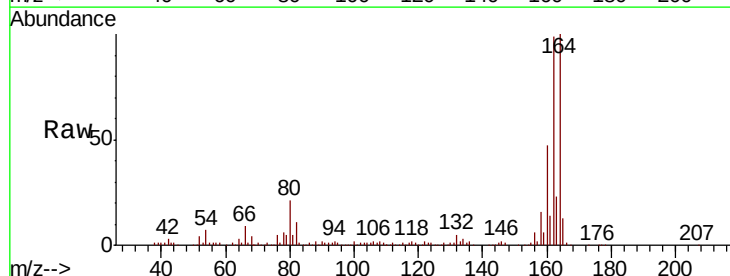


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

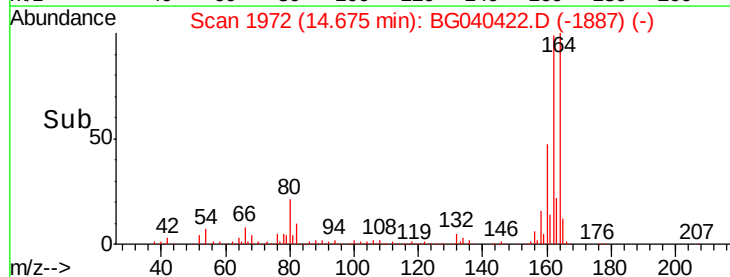
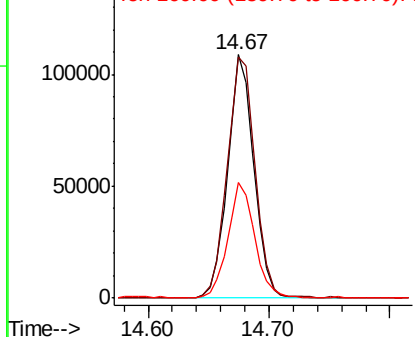


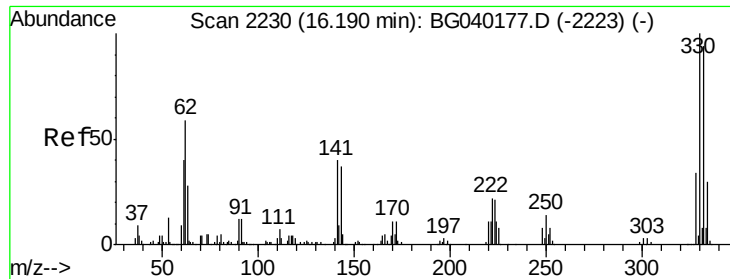
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040422.D
Acq: 10 Apr 2019 19:40

Tgt Ion: 164 Resp: 163996
Ion Ratio Lower Upper
164 100
162 99.0 77.4 116.2
160 47.4 35.3 52.9



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: 159.551 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040422.D

Acq: 10 Apr 2019 19:40

Instrument :

BNA_G

ClientSampleId :

SV30755L

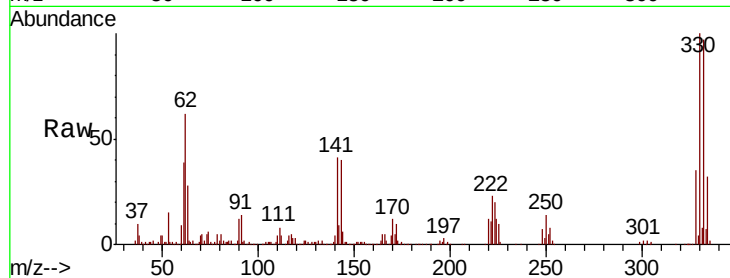
Tot Ion:330 Resp: 282784

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

141 40.4 32.6 48.8

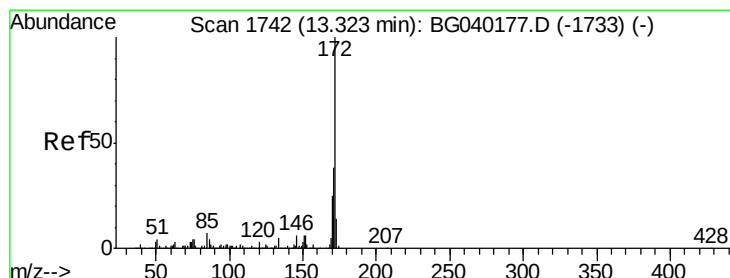
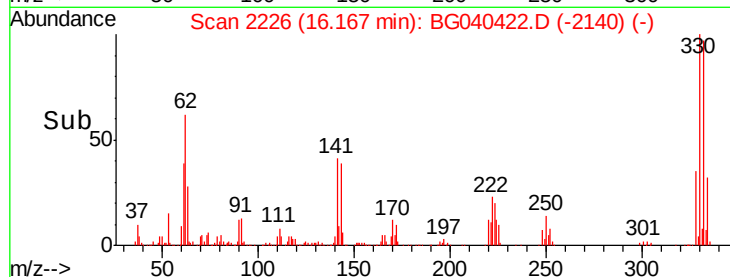
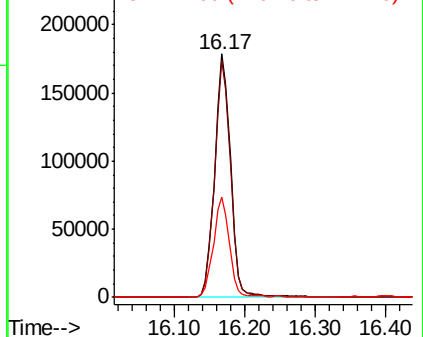


Abundance

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: 92.726 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG040422.D

Acq: 10 Apr 2019 19:40

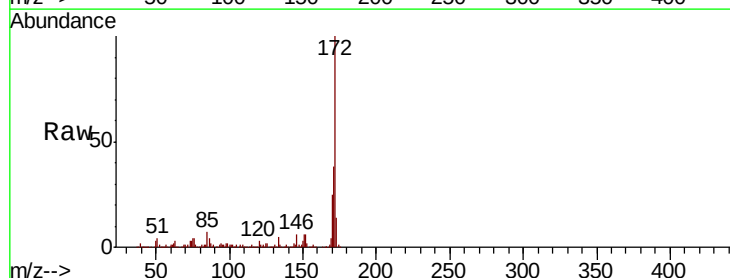
Tgt Ion:172 Resp: 1026258

Ion Ratio Lower Upper

172 100

171 38.5 30.5 45.7

170 24.8 20.1 30.1

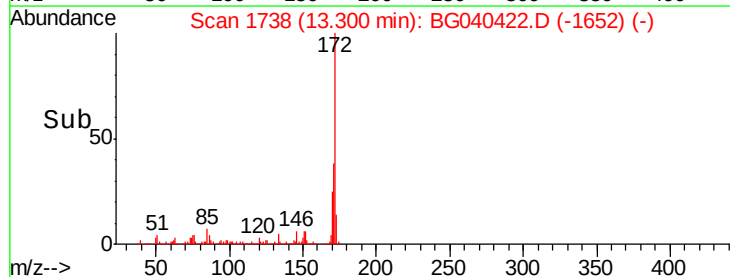
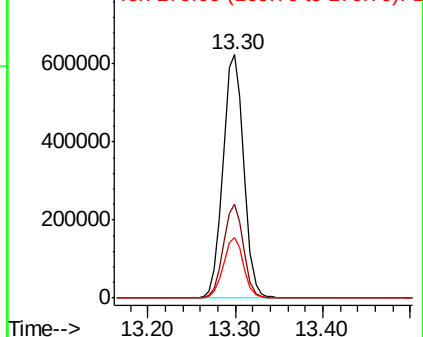


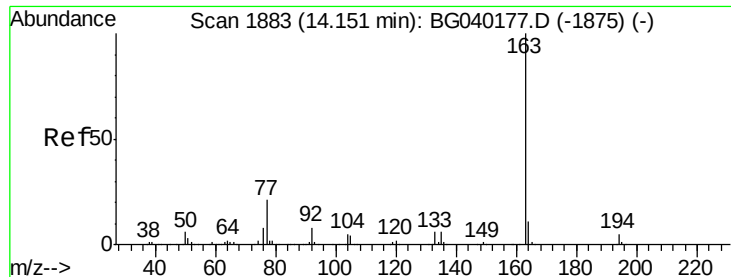
Abundance

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

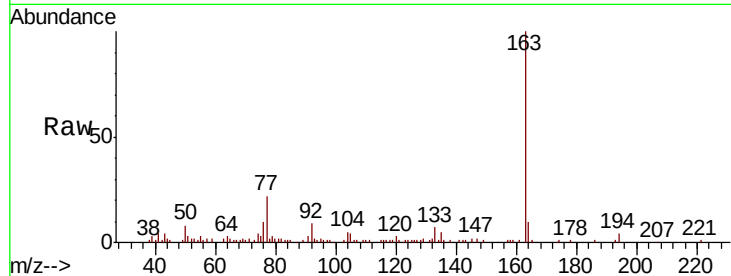




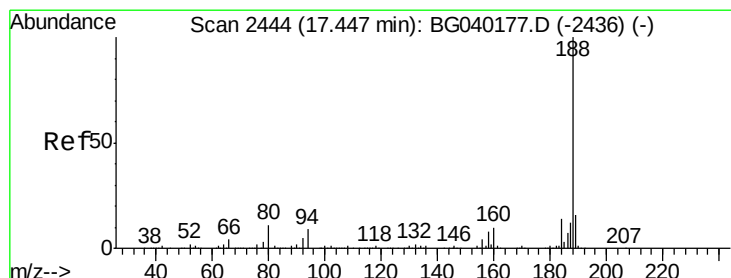
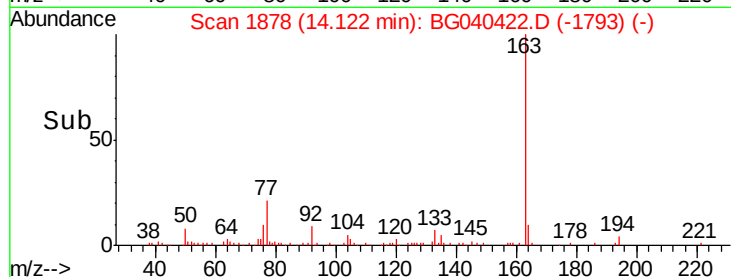
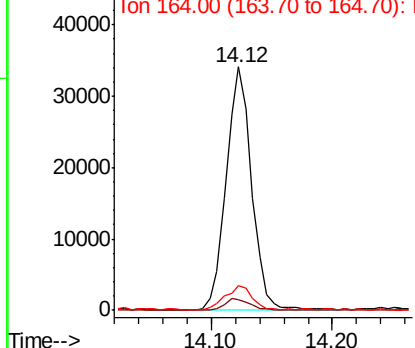
#50
Dimethylphthalate
Concen: 3.884 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040422.D
Acq: 10 Apr 2019 19:40

Instrument :
BNA_G
ClientSampleId :
SV30755L

Tot Ion:163 Resp: 49846
Ion Ratio Lower Upper
163 100
194 4.2 4.1 6.1
164 10.2 8.6 13.0

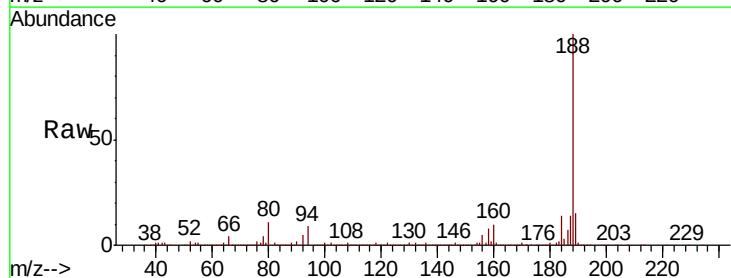


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

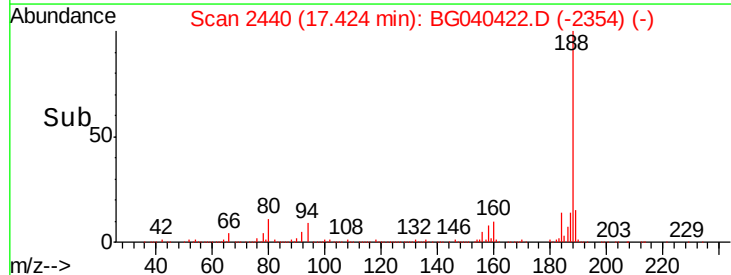
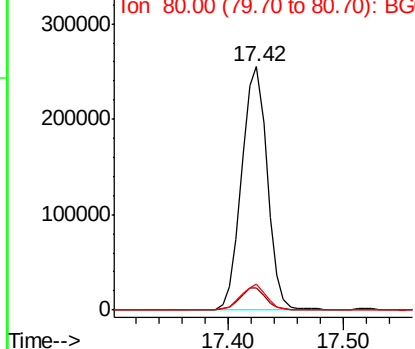


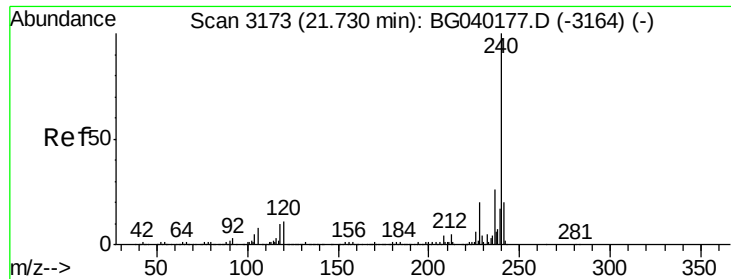
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040422.D
Acq: 10 Apr 2019 19:40

Tgt Ion:188 Resp: 394400
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.7 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

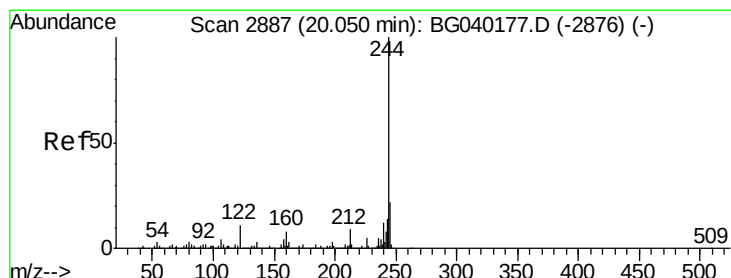
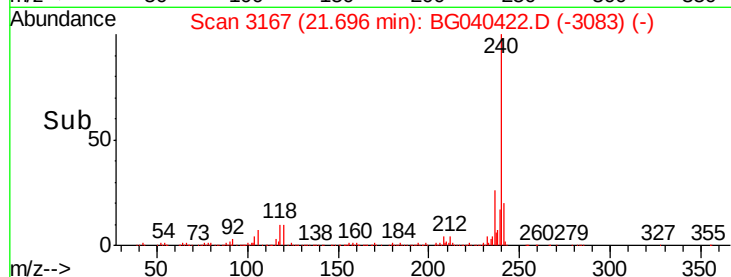
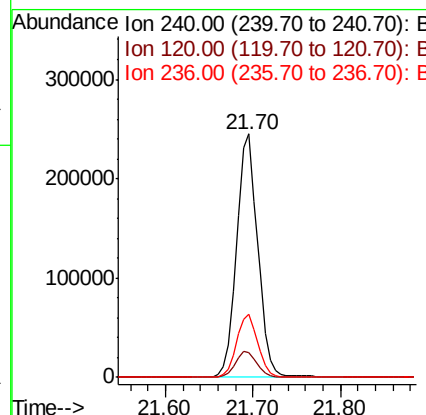
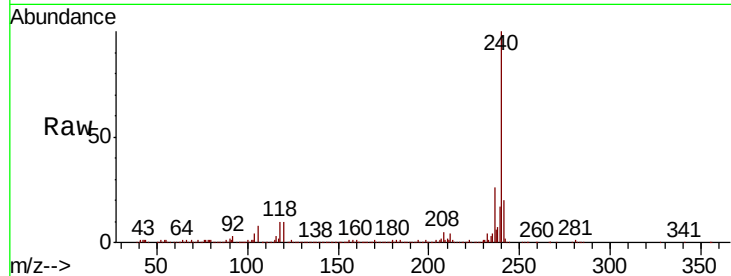




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.03 min
 Lab File: BG040422.D
 Acq: 10 Apr 2019 19:40

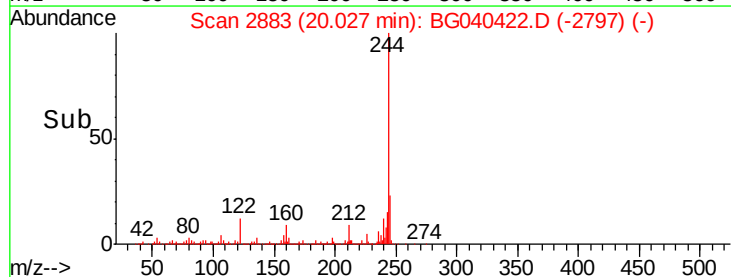
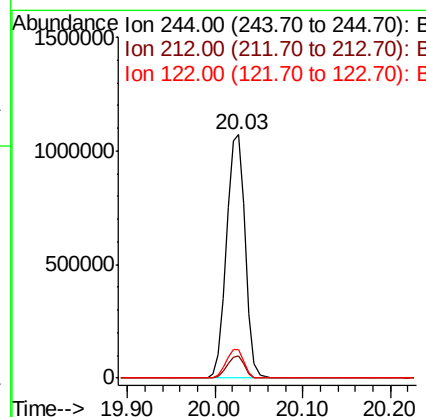
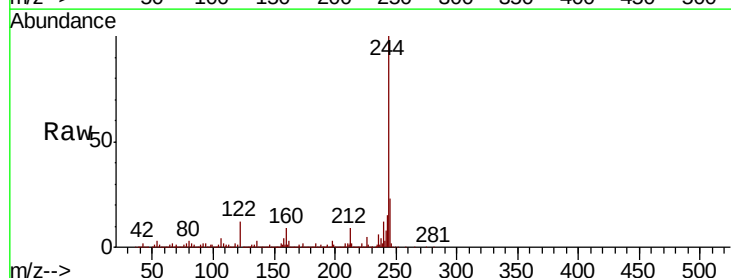
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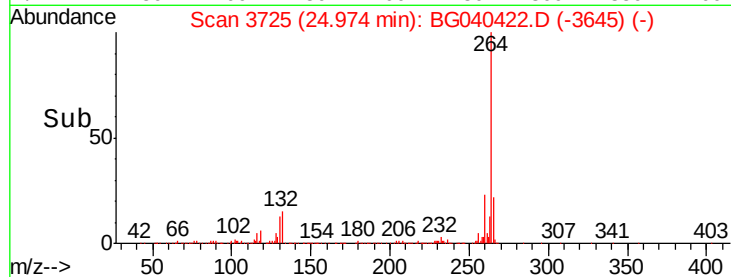
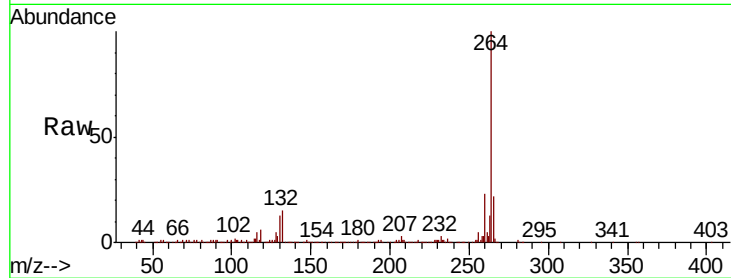
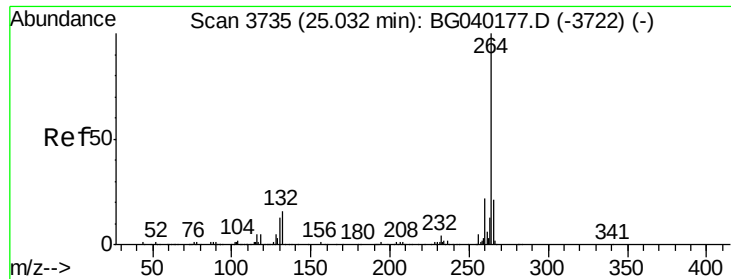
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	26.1	20.8	31.2



#79
 Terphenyl-d14
 Concen: 88.929 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.02 min
 Lab File: BG040422.D
 Acq: 10 Apr 2019 19:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	11.7	8.5	12.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.97 min Scan# 3725
 Delta R.T. -0.06 min
 Lab File: BG040422.D
 Acq: 10 Apr 2019 19:40

Instrument :
 BNA_G
 ClientSampleId :
 SV30755L

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	21.7	16.8	25.2

