

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040419.D
 Acq On : 10 Apr 2019 17:39
 Operator : JU/SJ
 Sample : K2337-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WS040819

Quant Time: Apr 11 05:37:24 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	68253	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	275006	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	167471	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	384597	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	355446	20.00	ng	-0.03
87) Perylene-d12	24.97	264	375130	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	271850	66.21	ng	-0.02
7) Phenol-d6	7.20	99	240305	42.35	ng	-0.02
23) Nitrobenzene-d5	9.22	82	451059	87.18	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	268306	148.24	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1015023	89.81	ng	-0.02
79) Terphenyl-d14	20.03	244	1331606	84.28	ng	-0.02

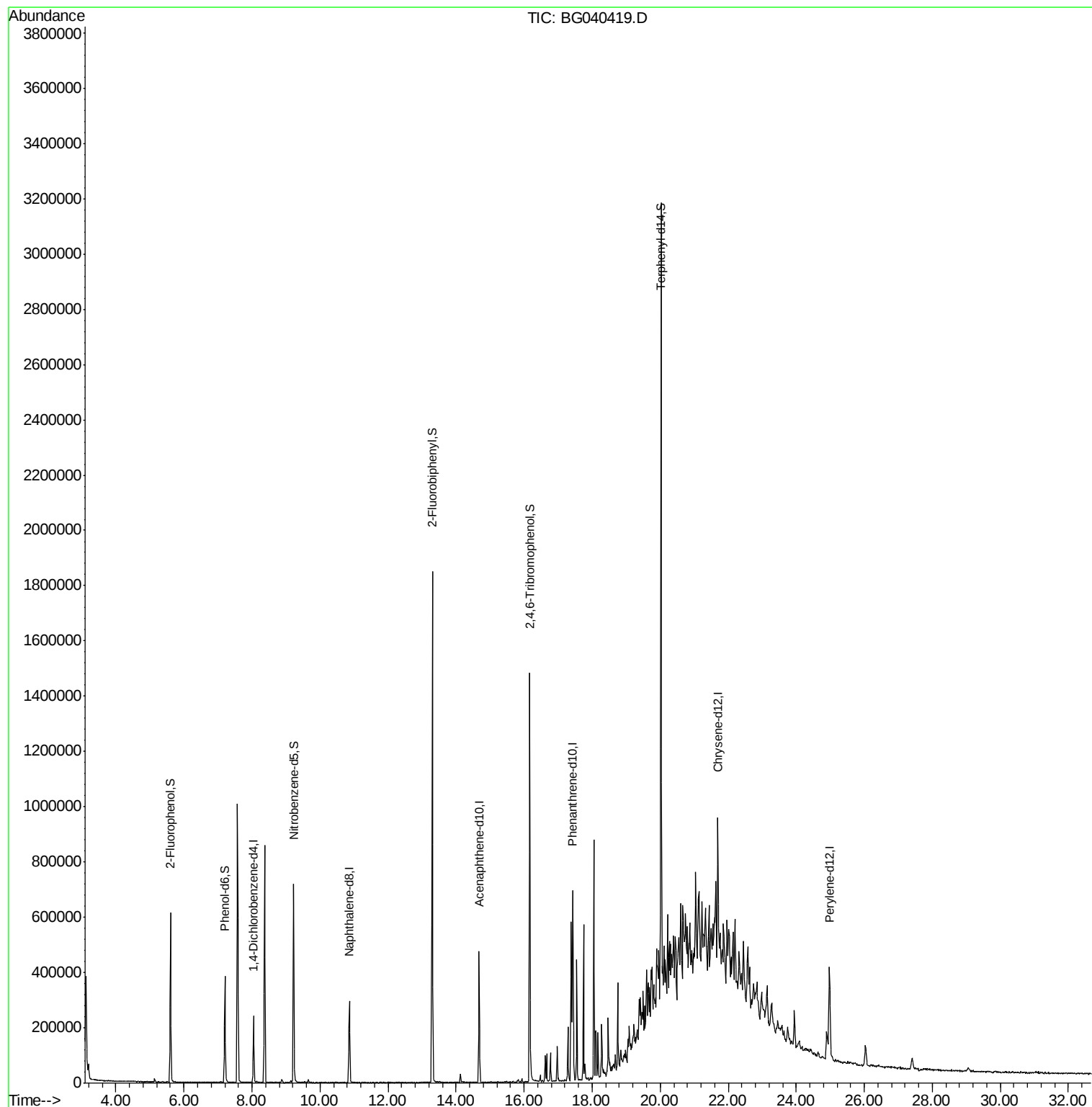
Target Compounds Qvalue

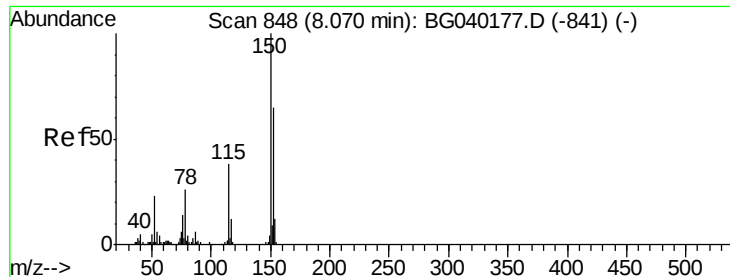
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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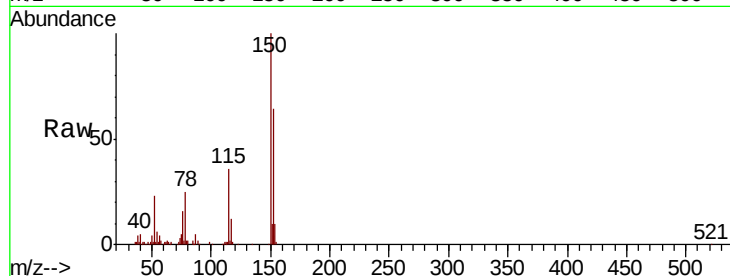


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040419.D
Acq: 10 Apr 2019 17:39

Instrument :
BNA_G
ClientSampleId :
WS040819

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.7	185.5
115	57.0	46.9	70.3

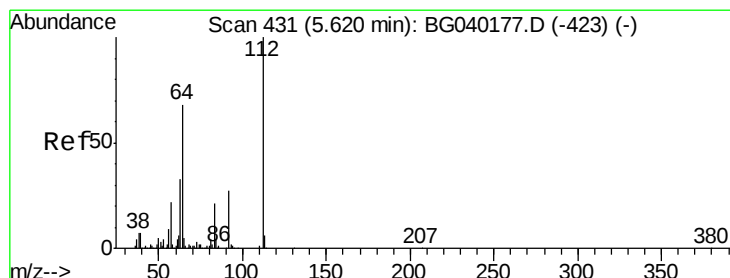
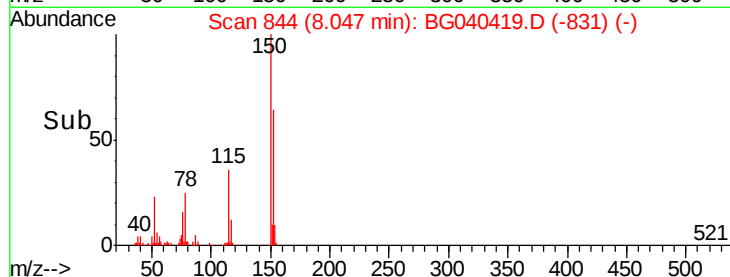
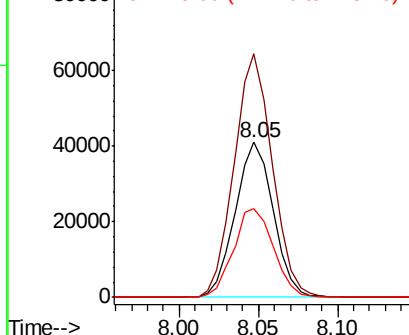


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

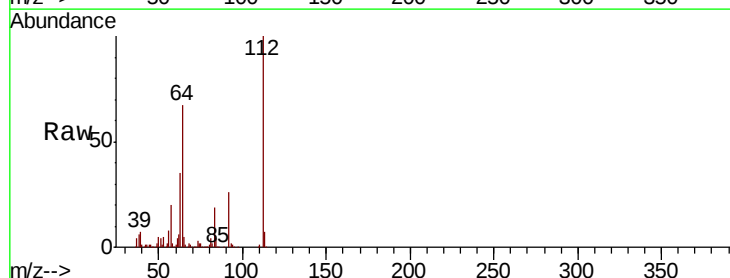
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 66.213 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040419.D
Acq: 10 Apr 2019 17:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	54.2	81.2
63	34.5	26.4	39.6

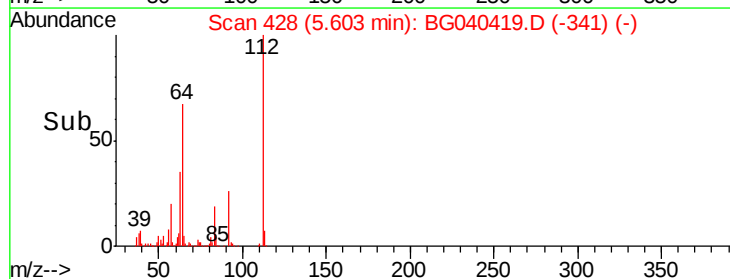
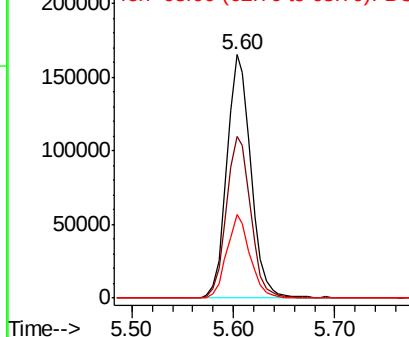


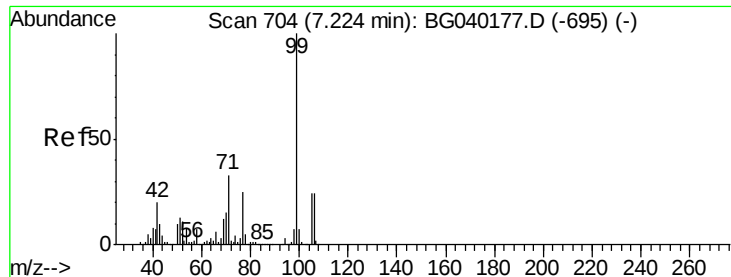
Abundance

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: 42.351 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040419.D

Acq: 10 Apr 2019 17:39

Instrument :

BNA_G

ClientSampleId :

WS040819

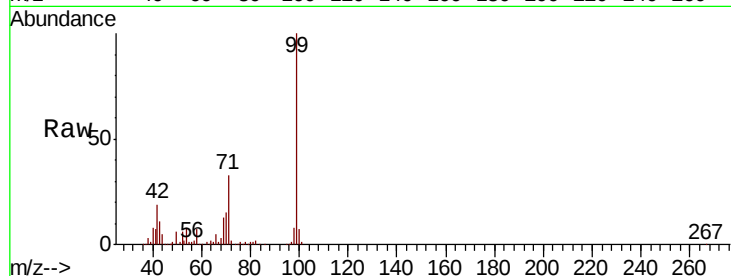
Tot Ion: 99 Resp: 240305

Ion Ratio Lower Upper

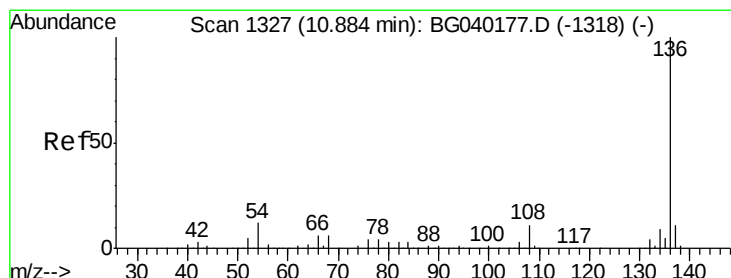
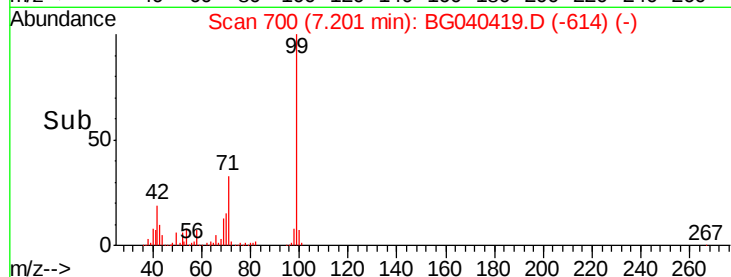
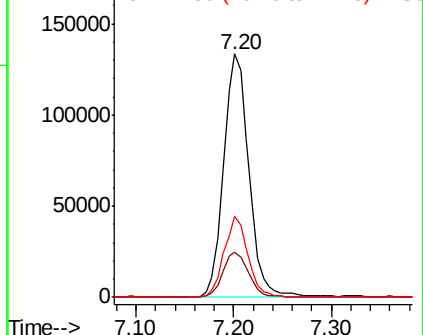
99 100

42 18.7 16.2 24.2

71 33.2 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: BG040419.D

Acq: 10 Apr 2019 17:39

Tgt Ion: 136 Resp: 275006

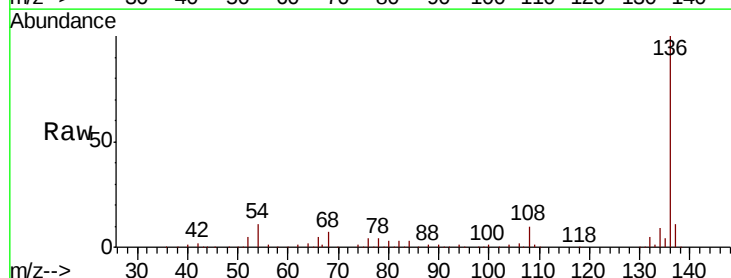
Ion Ratio Lower Upper

136 100

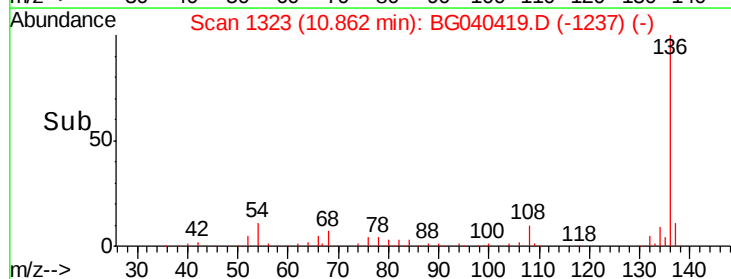
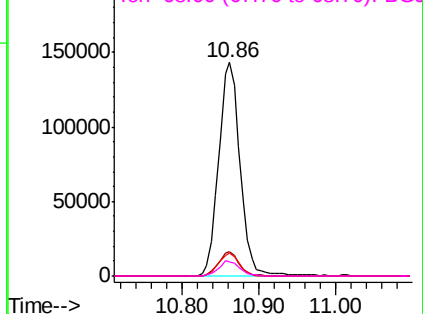
137 11.2 8.9 13.3

54 10.8 9.6 14.4

68 6.7 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

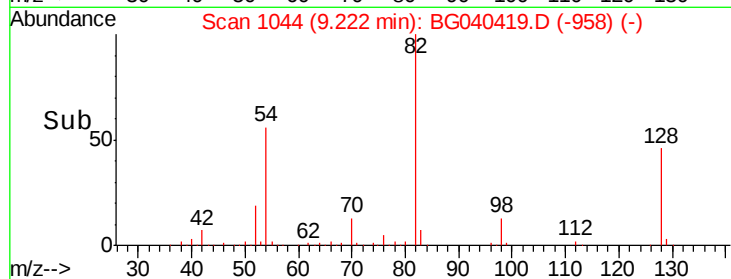
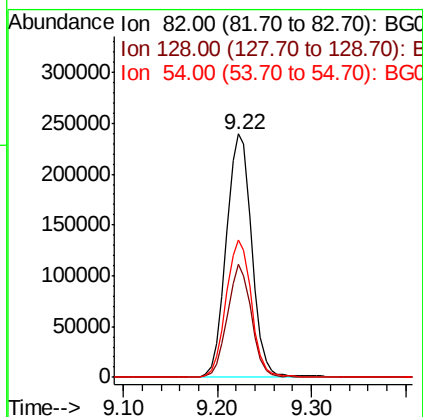
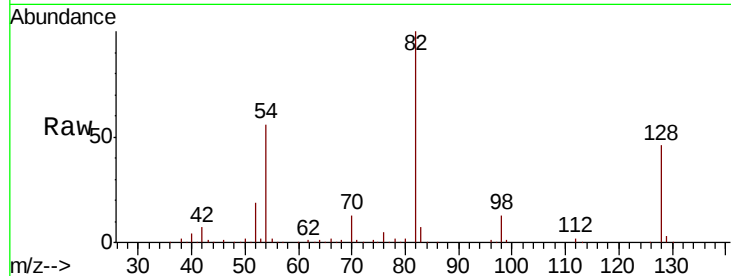




#23
 Nitrobenzene-d5
 Concen: 87.181 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040419.D
 Acq: 10 Apr 2019 17:39

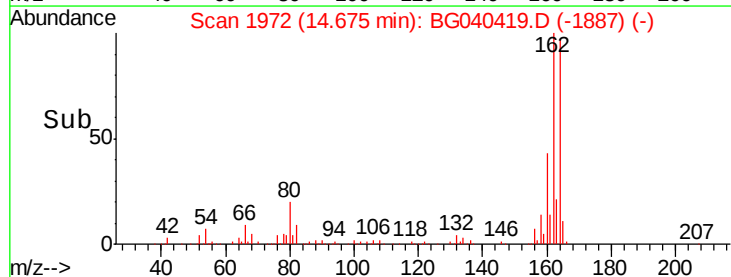
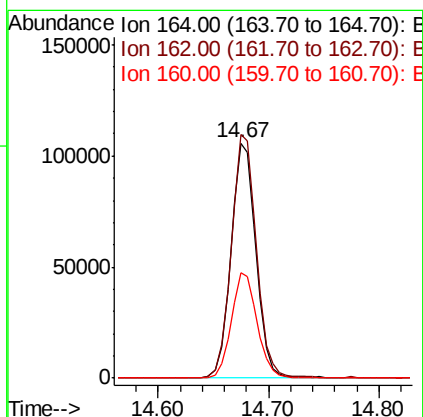
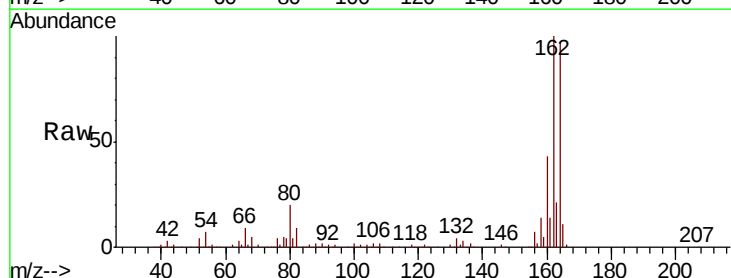
Instrument :
 BNA_G
 ClientSampleId :
 WS040819

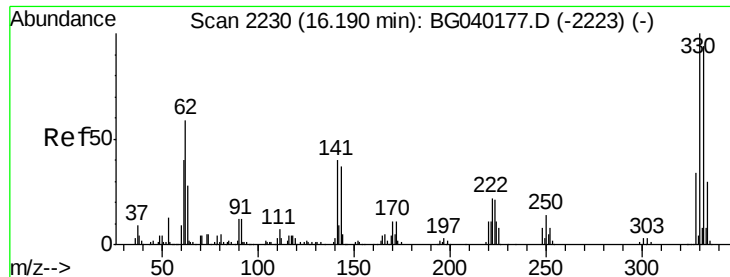
Tot Ion: 82 Resp: 451059
 Ion Ratio Lower Upper
 82 100
 128 46.2 35.8 53.8
 54 56.3 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040419.D
 Acq: 10 Apr 2019 17:39

Tgt Ion: 164 Resp: 167471
 Ion Ratio Lower Upper
 164 100
 162 103.5 77.4 116.2
 160 44.8 35.3 52.9

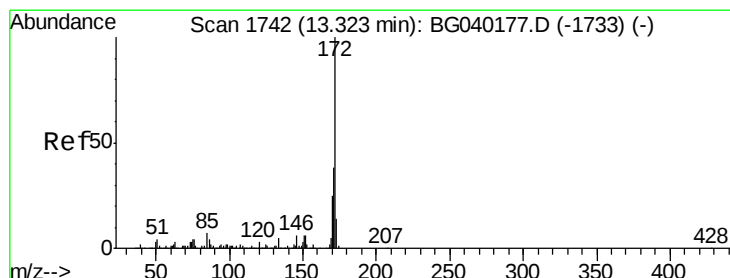
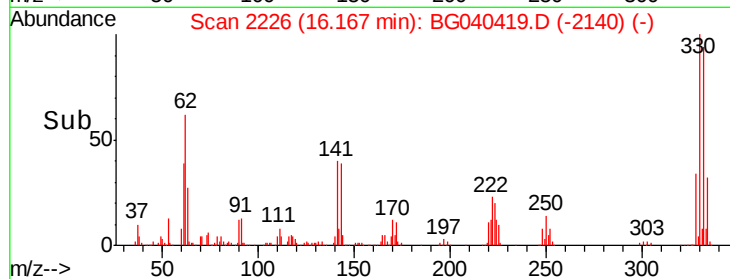
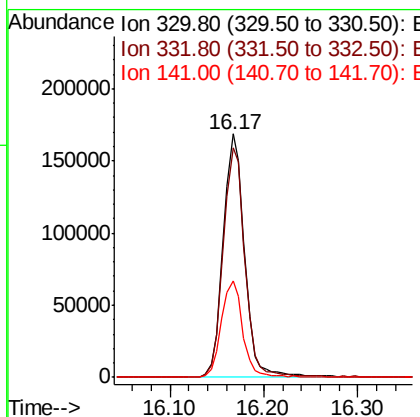
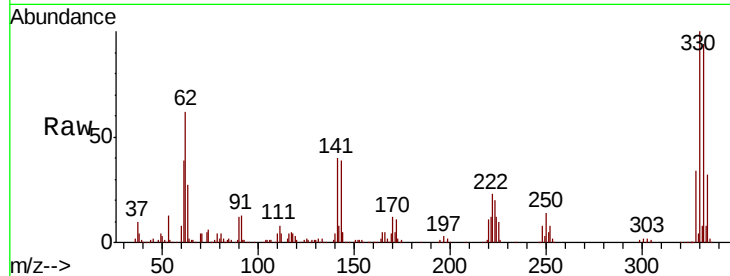




#42
 2,4,6-Tribromophenol
 Concen: 148.241 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040419.D
 Acq: 10 Apr 2019 17:39

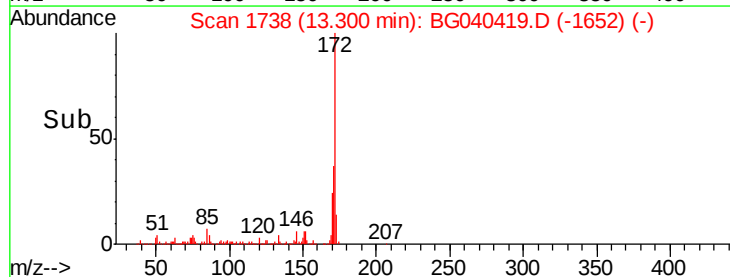
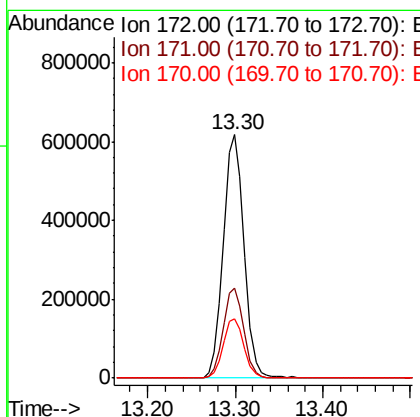
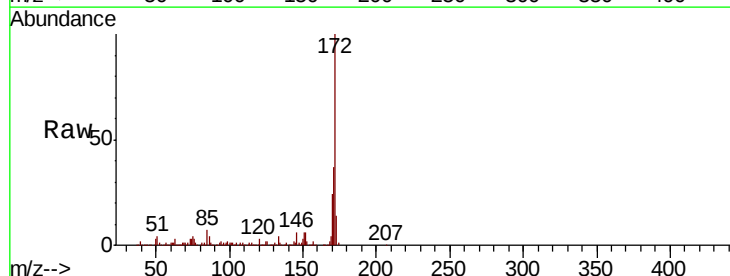
Instrument :
 BNA_G
 ClientSampleId :
 WS040819

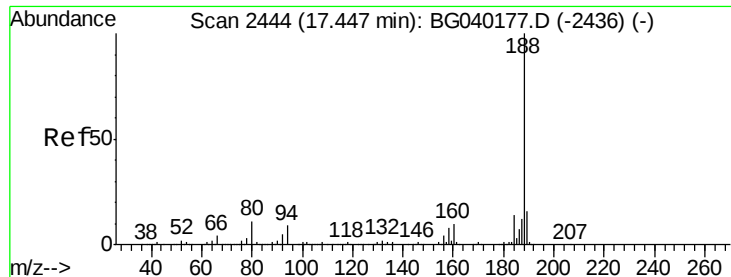
Tot Ion:330 Resp: 268306
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 39.4 32.6 48.8



#45
 2-Fluorobiphenyl
 Concen: 89.808 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040419.D
 Acq: 10 Apr 2019 17:39

Tgt Ion:172 Resp: 1015023
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.5 45.7
 170 24.3 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040419.D

Acq: 10 Apr 2019 17:39

Instrument :

BNA_G

ClientSampleId :

WS040819

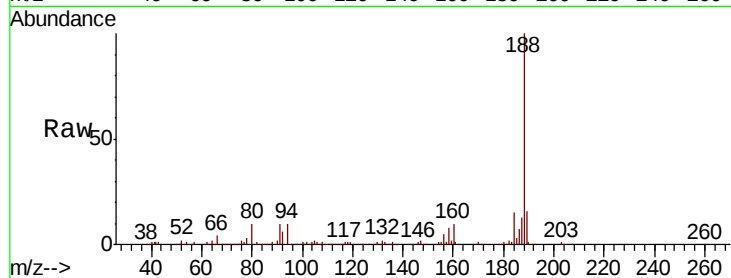
Tot Ion:188 Resp: 384597

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

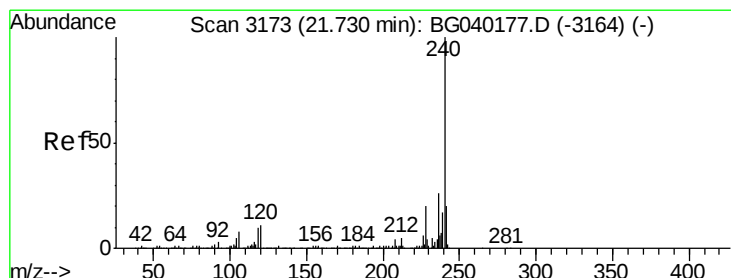
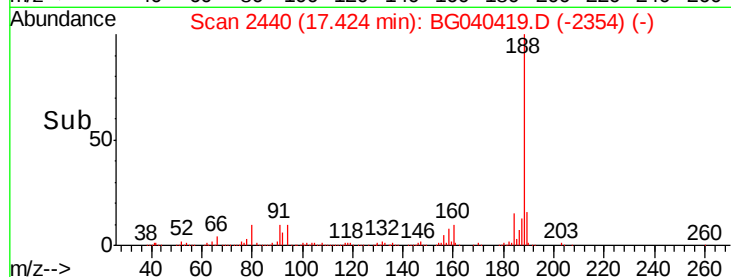
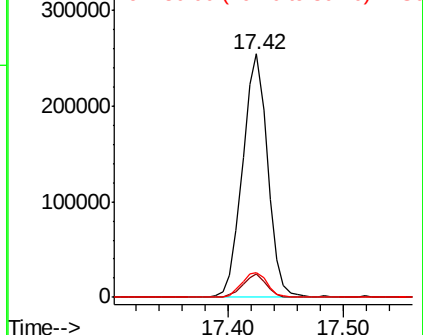
80 10.2 8.6 13.0



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: BG040419.D

Acq: 10 Apr 2019 17:39

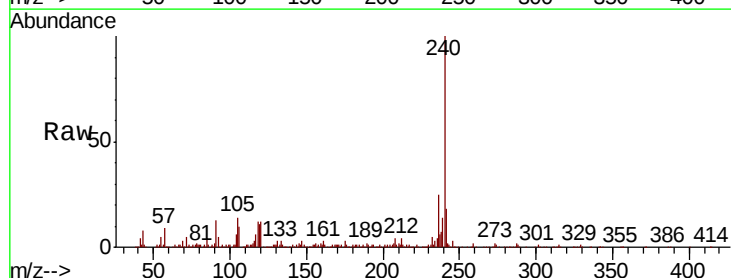
Tgt Ion:240 Resp: 355446

Ion Ratio Lower Upper

240 100

120 11.7 8.4 12.6

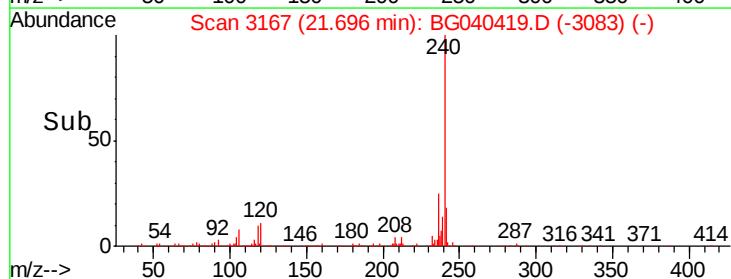
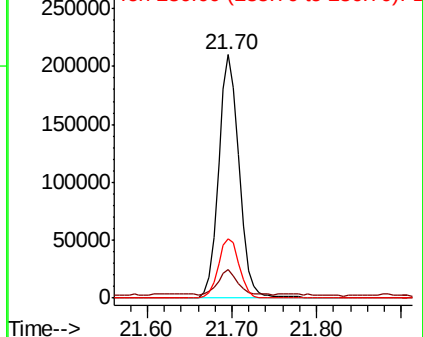
236 24.6 20.8 31.2



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: 84.279 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040419.D

Acq: 10 Apr 2019 17:39

Instrument :

BNA_G

ClientSampleId :

WS040819

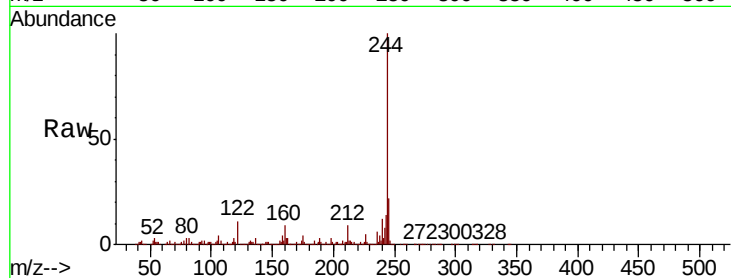
Tot Ion:244 Resp: 1331606

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

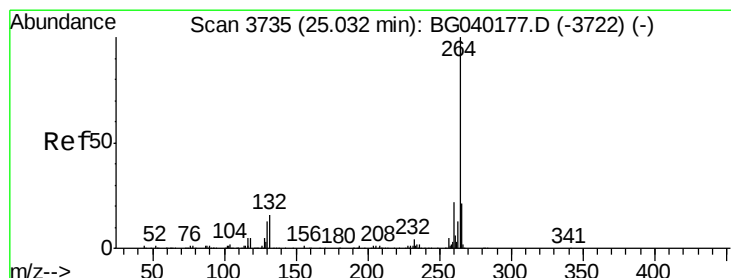
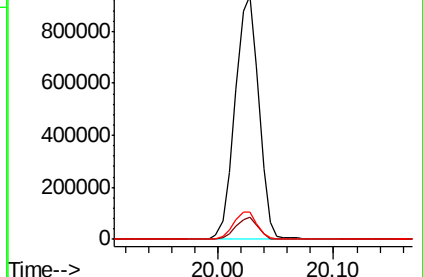
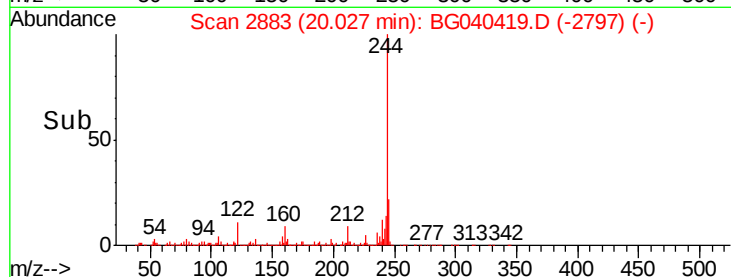
122 11.2 8.5 12.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040419.D

Acq: 10 Apr 2019 17:39

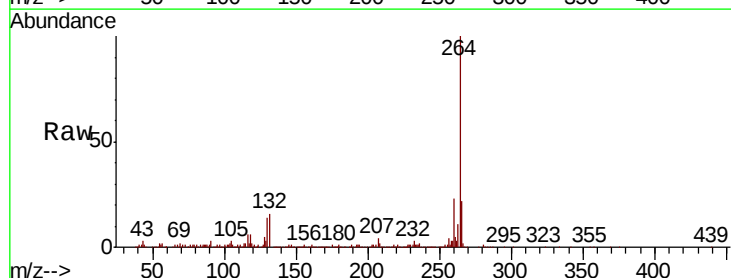
Tgt Ion:264 Resp: 375130

Ion Ratio Lower Upper

264 100

260 23.1 17.9 26.9

265 22.4 16.8 25.2



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

