

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040388.D
 Acq On : 5 Apr 2019 22:25
 Operator : JU/SJ
 Sample : K2193-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-040319-B

Quant Time: Apr 06 00:34:10 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	8.04	152	62585	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	244607	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	150449	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	367192	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	422405	20.00	ng	-0.04
87) Perylene-d12	24.97	264	422698	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	433797	115.23	ng	-0.01
7) Phenol-d6	7.20	99	519934	99.93	ng	-0.02
23) Nitrobenzene-d5	9.22	82	410475	89.20	ng	-0.02
42) 2,4,6-Tribromophenol	16.16	330	222259	136.69	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	901916	88.83	ng	-0.03
79) Terphenyl-d14	20.02	244	1593810	84.88	ng	-0.03

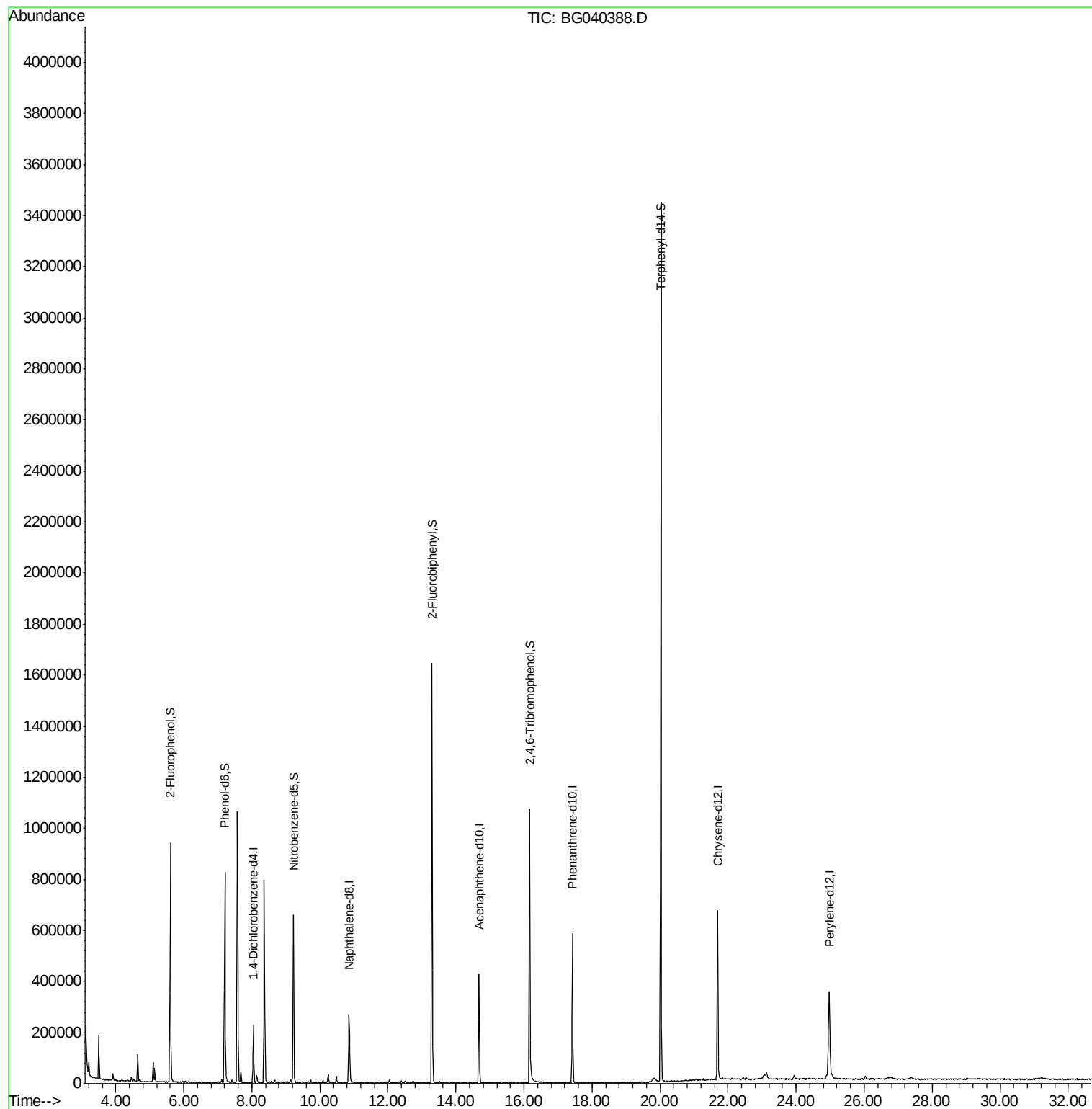
Target Compounds Qvalue

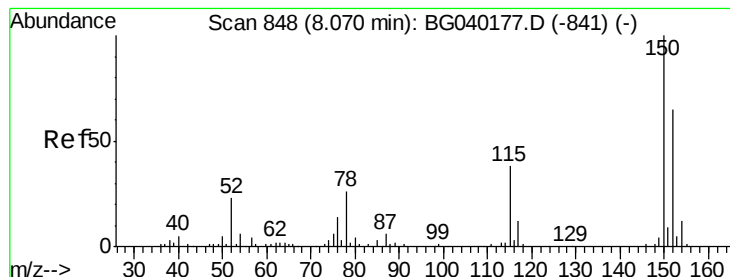
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.03 min

Lab File: BG040388.D

Acq: 5 Apr 2019 22:25

Instrument :

BNA_G

ClientSampleId :

HR-06-040319-B

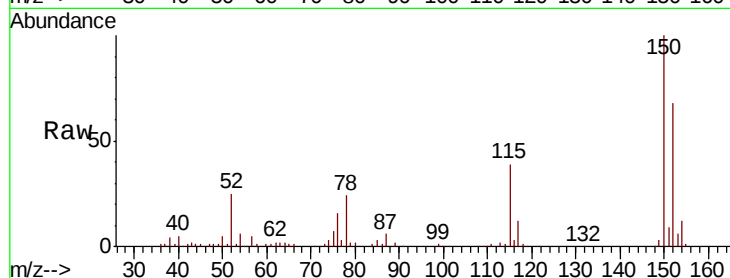
Tot Ion:152 Resp: 62585

Ion Ratio Lower Upper

152 100

150 147.6 123.7 185.5

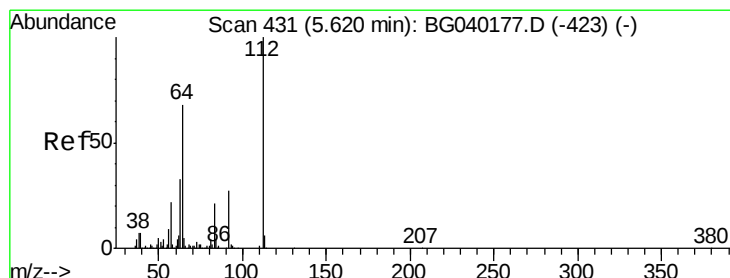
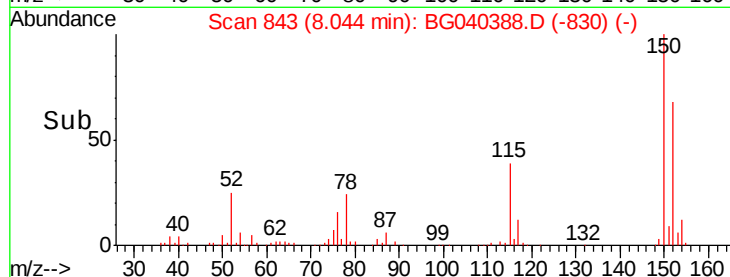
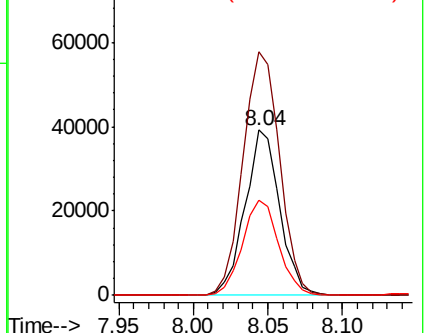
115 57.8 46.9 70.3



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: 115.227 ng

RT: 5.61 min Scan# 428

Delta R.T. -0.01 min

Lab File: BG040388.D

Acq: 5 Apr 2019 22:25

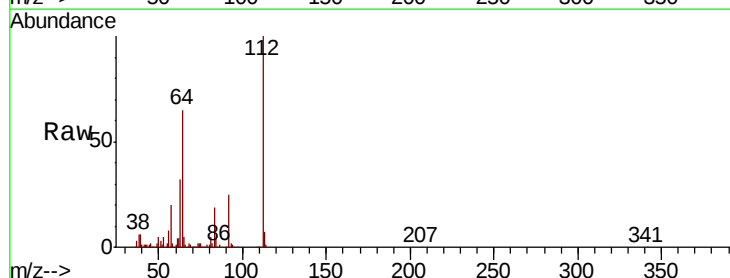
Tgt Ion:112 Resp: 433797

Ion Ratio Lower Upper

112 100

64 65.3 54.2 81.2

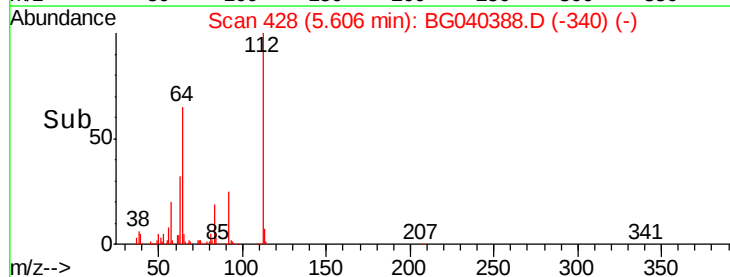
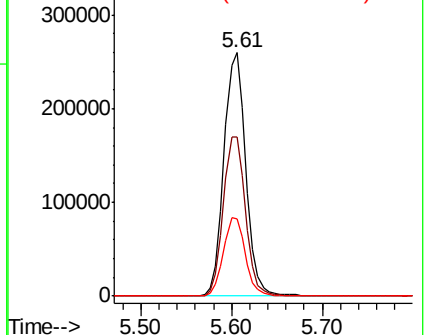
63 31.8 26.4 39.6

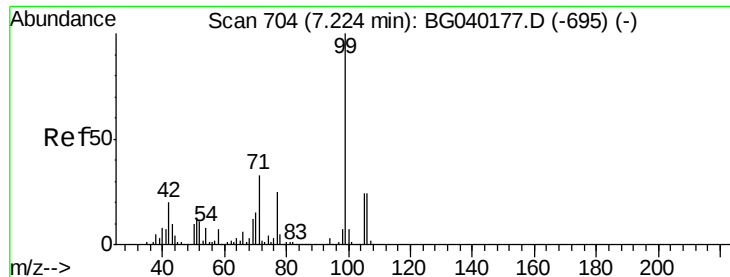


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 99.932 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040388.D

Acq: 5 Apr 2019 22:25

Instrument :

BNA_G

ClientSampleId :

HR-06-040319-B

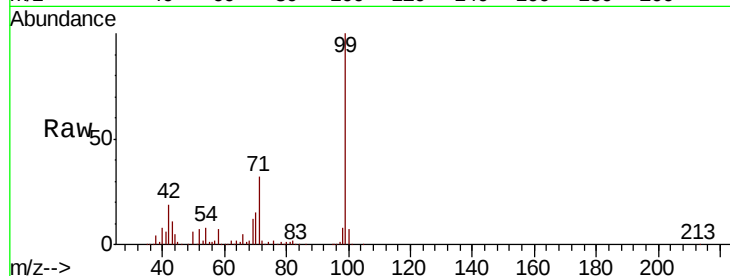
Tot Ion: 99 Resp: 519934

Ion Ratio Lower Upper

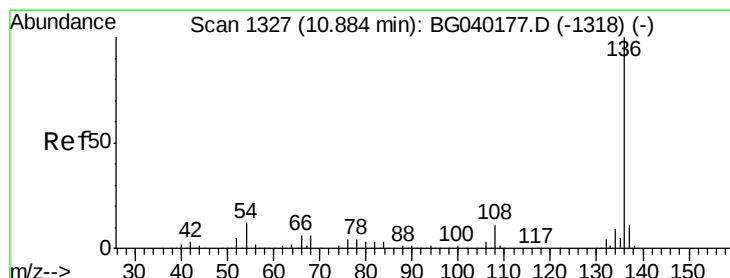
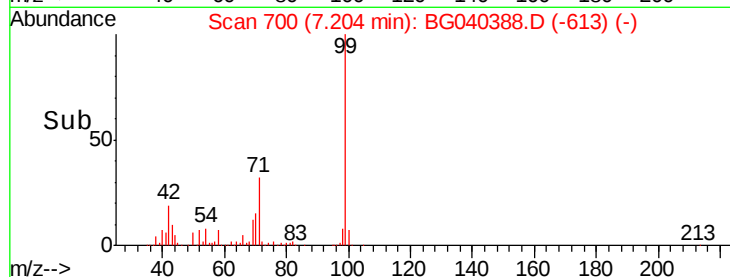
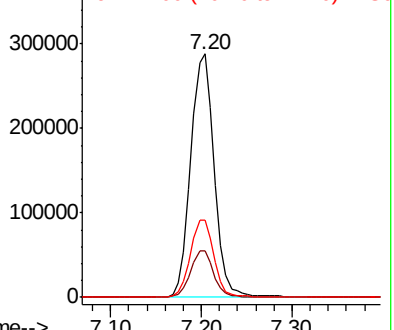
99 100

42 19.3 16.2 24.2

71 31.6 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# 1322

Delta R.T. -0.03 min

Lab File: BG040388.D

Acq: 5 Apr 2019 22:25

Tgt Ion: 136 Resp: 244607

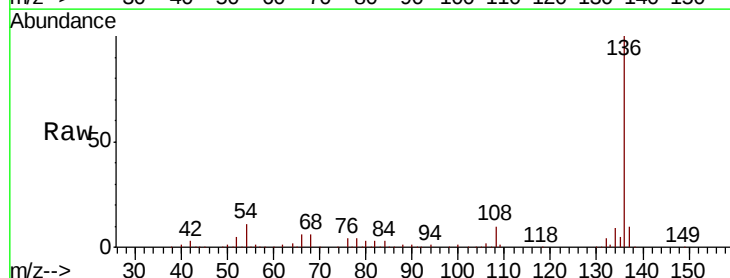
Ion Ratio Lower Upper

136 100

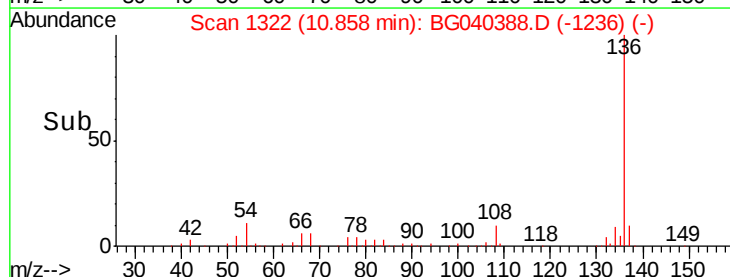
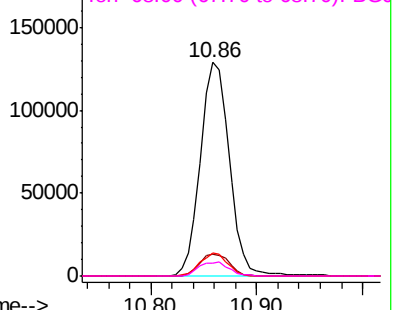
137 10.3 8.9 13.3

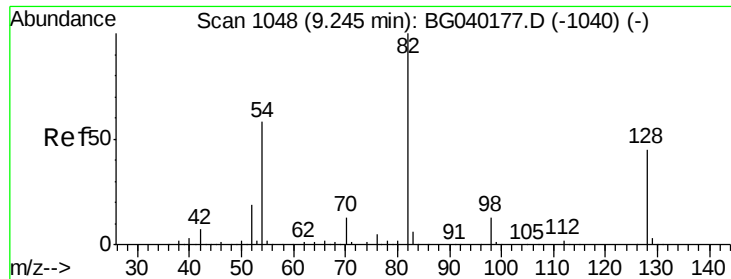
54 10.6 9.6 14.4

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

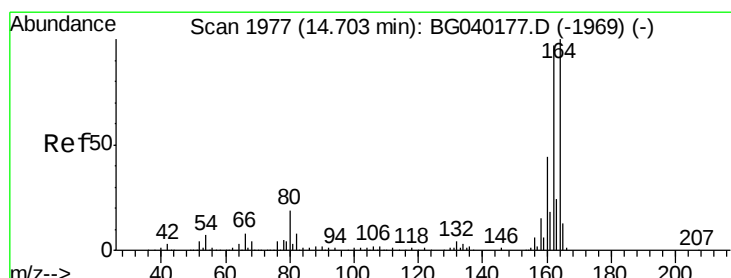
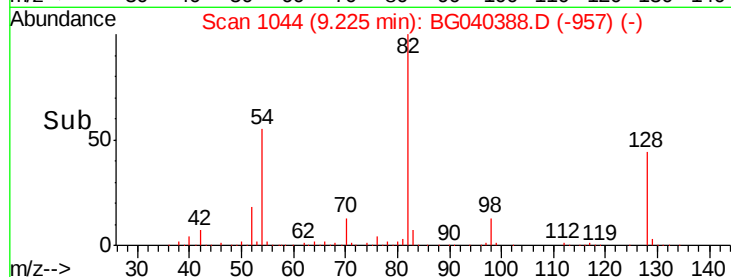
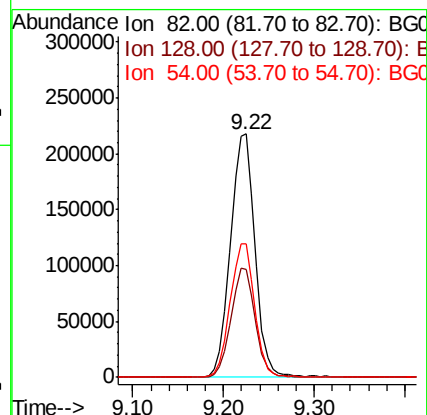
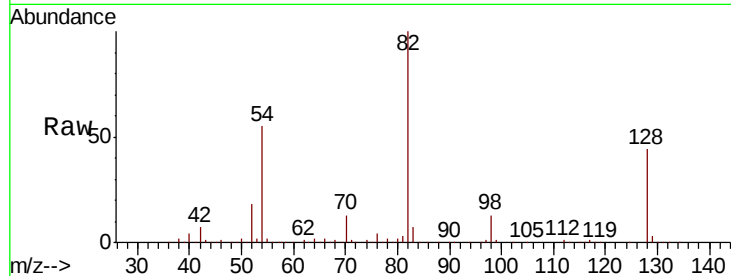




#23
Nitrobenzene-d5
Concen: 89.197 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040388.D
Acq: 5 Apr 2019 22:25

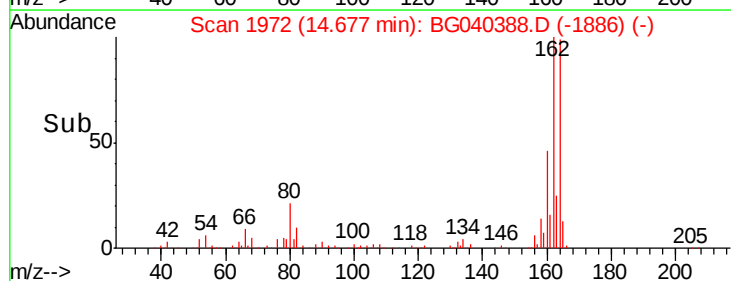
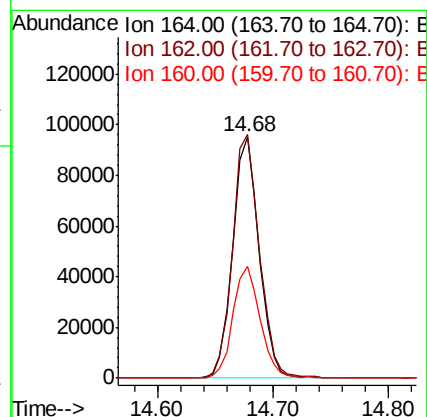
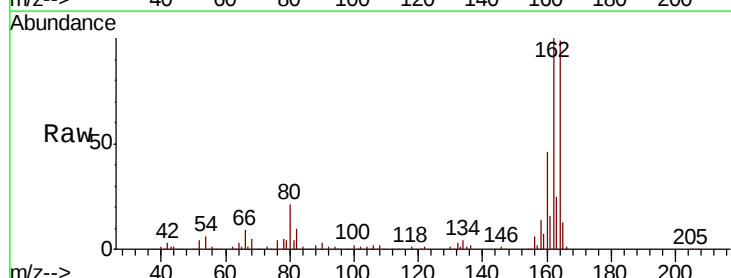
Instrument :
BNA_G
ClientSampleId :
HR-06-040319-B

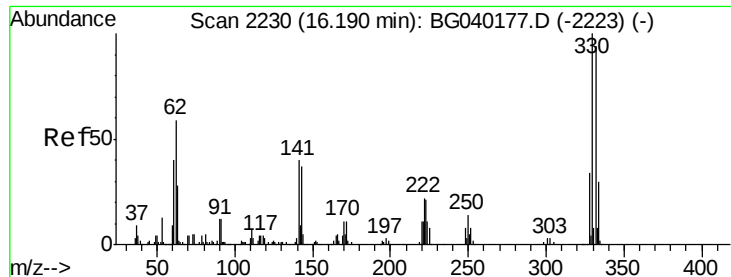
Tot Ion: 82 Resp: 410475
Ion Ratio Lower Upper
82 100
128 44.5 35.8 53.8
54 54.6 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040388.D
Acq: 5 Apr 2019 22:25

Tgt Ion:164 Resp: 150449
Ion Ratio Lower Upper
164 100
162 101.0 77.4 116.2
160 46.6 35.3 52.9

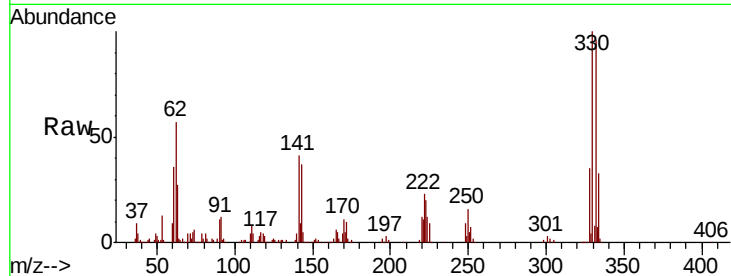




#42
2,4,6-Tribromophenol
Concen: 136.694 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.03 min
Lab File: BG040388.D
Acq: 5 Apr 2019 22:25

Instrument :
BNA_G
ClientSampleId :
HR-06-040319-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	37.1	32.6	48.8

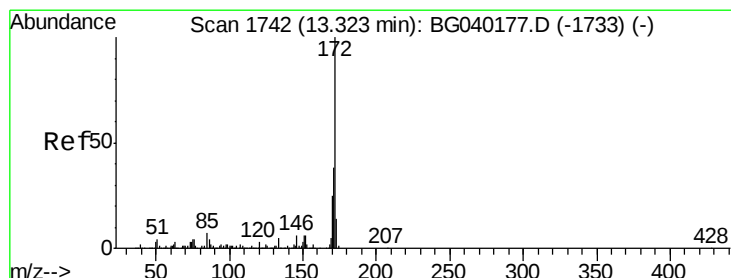
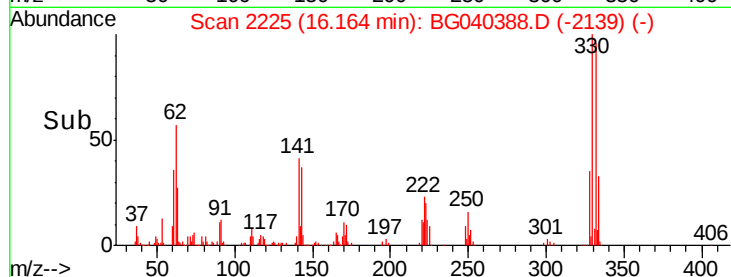
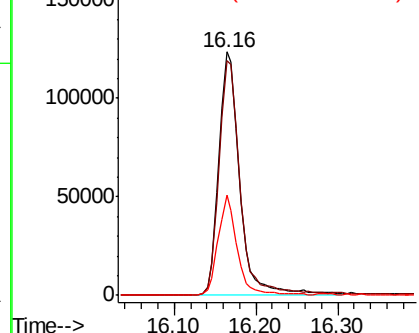


Abundance

Ion 329.80 (329.50 to 330.50): E

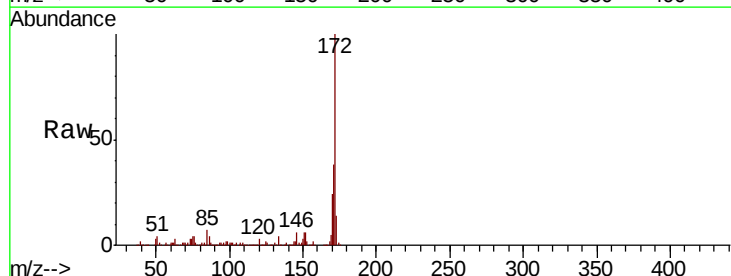
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 88.829 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040388.D
Acq: 5 Apr 2019 22:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.5	45.7
170	24.0	20.1	30.1

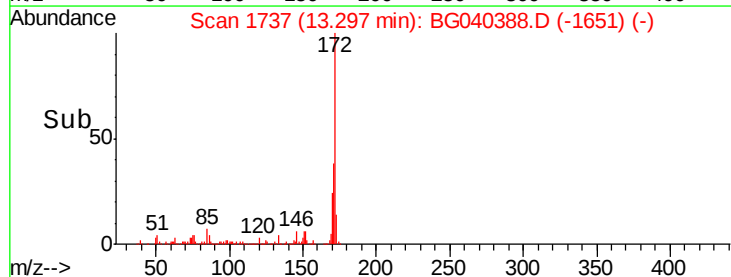
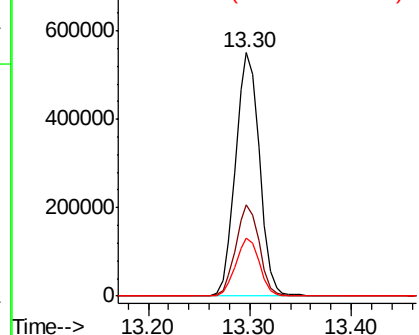


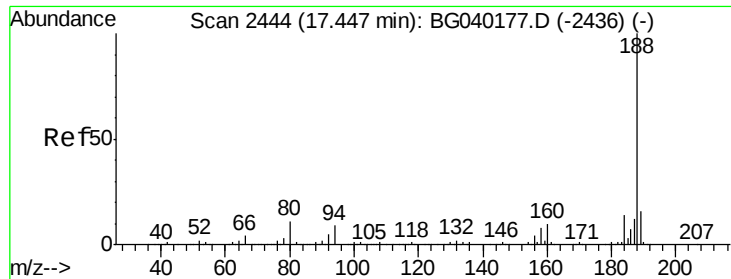
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040388.D

Acq: 5 Apr 2019 22:25

Instrument :

BNA_G

ClientSampleId :

HR-06-040319-B

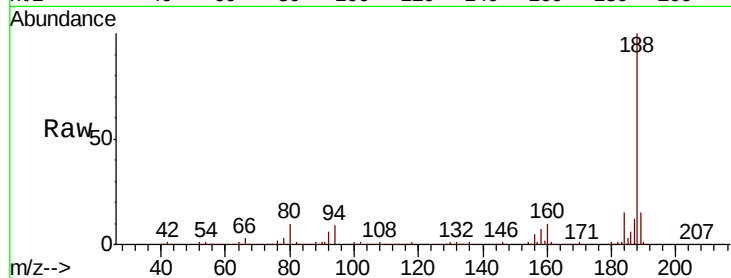
Tot Ion:188 Resp: 367192

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

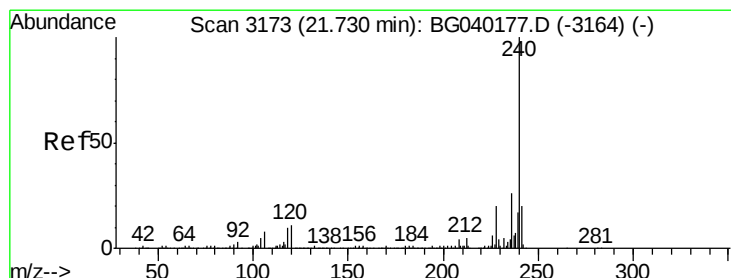
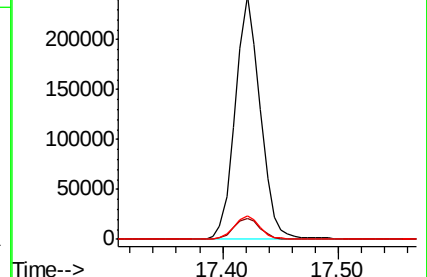
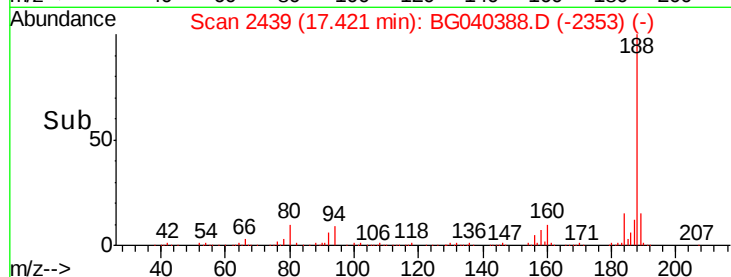
80 9.7 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040388.D

Acq: 5 Apr 2019 22:25

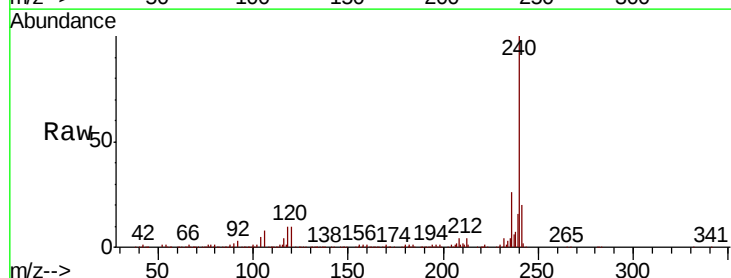
Tgt Ion:240 Resp: 422405

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

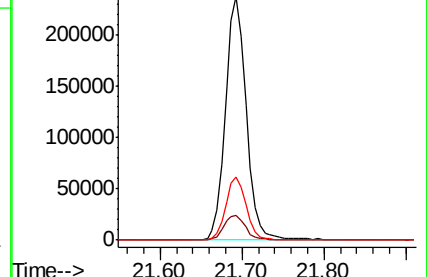
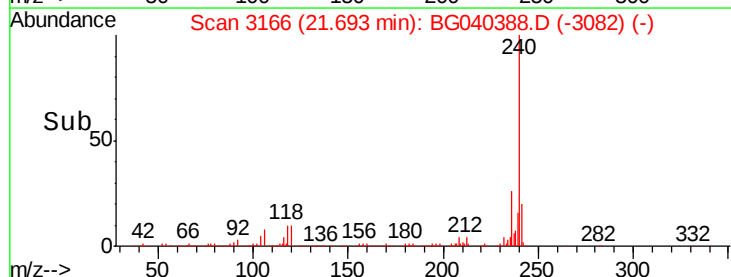
236 26.0 20.8 31.2



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: 84.883 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040388.D

Acq: 5 Apr 2019 22:25

Instrument :

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HR-06-040319-B

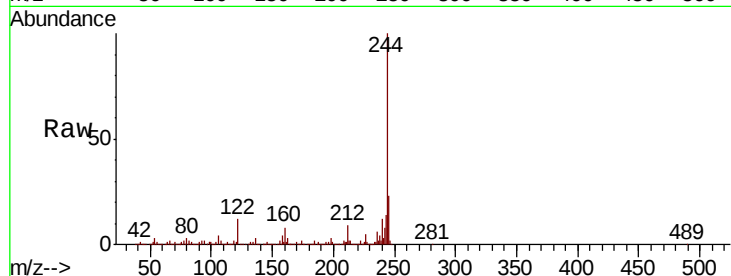
Tot Ion:244 Resp: 1593810

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

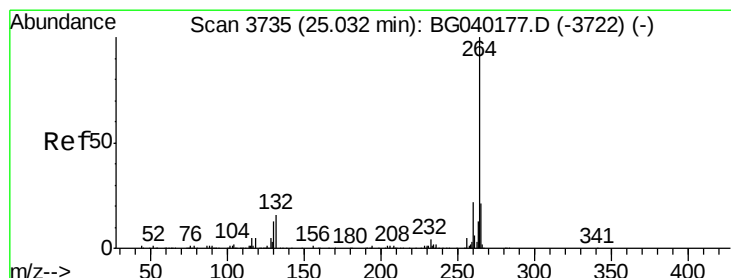
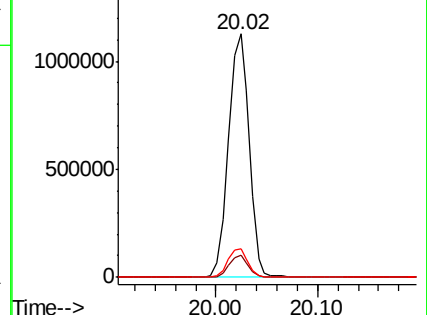
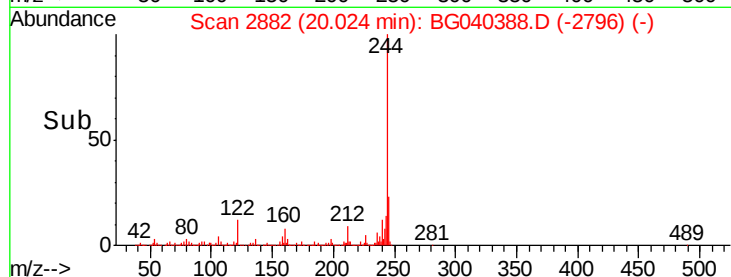
122 12.0 8.5 12.7



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# 3724

Delta R.T. -0.06 min

Lab File: BG040388.D

Acq: 5 Apr 2019 22:25

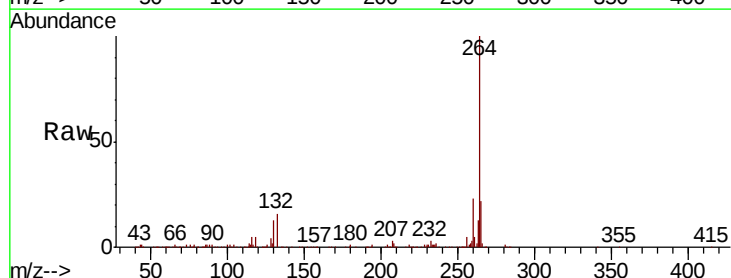
Tgt Ion:264 Resp: 422698

Ion Ratio Lower Upper

264 100

260 23.1 17.9 26.9

265 21.6 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

