

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041133.D
 Acq On : 8 Jun 2019 14:52
 Operator : HP/JU
 Sample : K3153-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-060519-B

Quant Time: Jun 09 23:21:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	41079	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	165087	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	129093	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	344887	20.00	ng	0.00
76) Chrysene-d12	21.76	240	353302	20.00	ng	0.00
87) Perylene-d12	25.08	264	373217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	295115	129.54	ng	0.00
7) Phenol-d6	7.25	99	387319	110.09	ng	0.00
23) Nitrobenzene-d5	9.28	82	342937	92.22	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	259441	135.37	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	828782	92.46	ng	0.00
79) Terphenyl-d14	20.08	244	1594480	95.78	ng	0.00

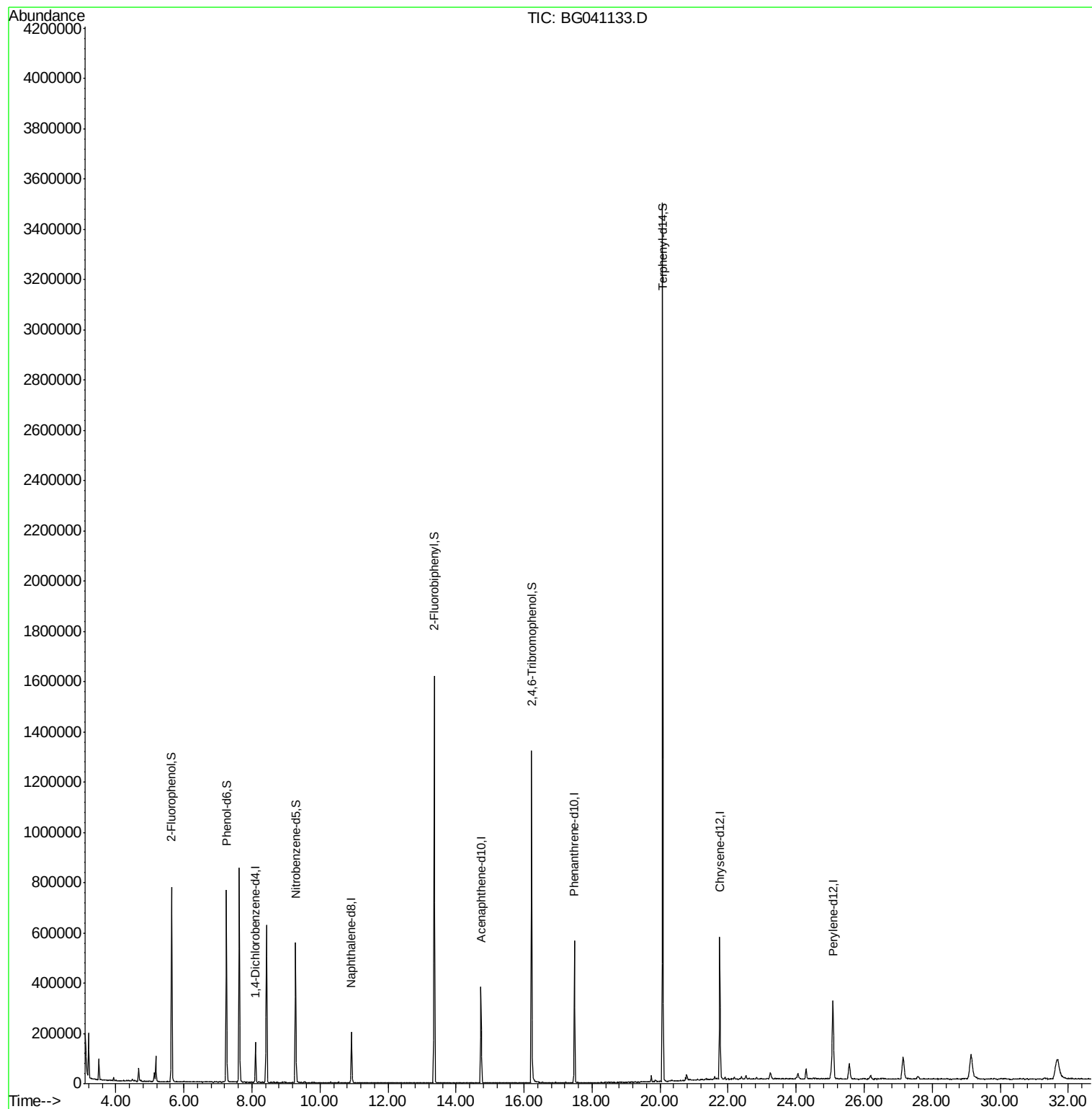
Target Compounds Qvalue

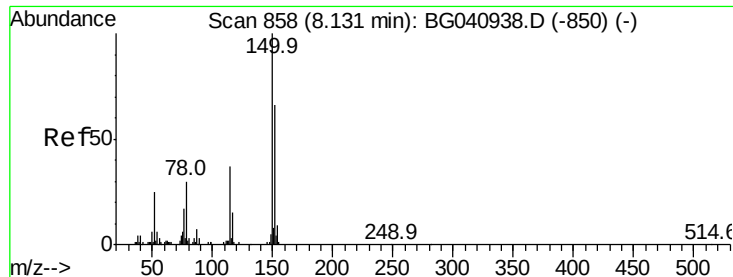
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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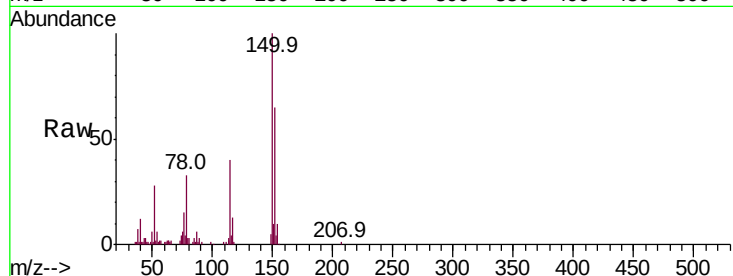


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041133.D
Acq: 8 Jun 2019 14:52

Instrument :
BNA_G
ClientSampleId :
HR-05-060519-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	120.6	180.8
115	60.8	45.1	67.7



Abundance

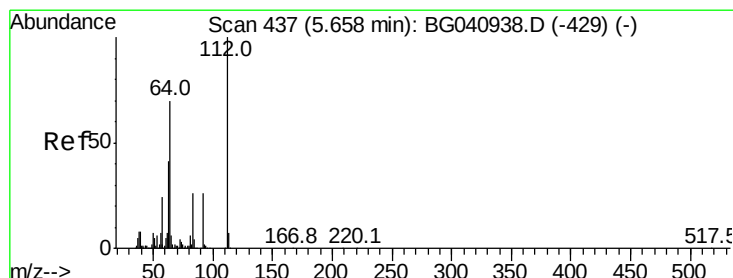
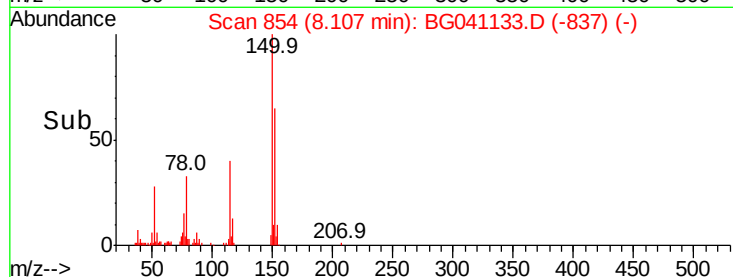
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

8.11

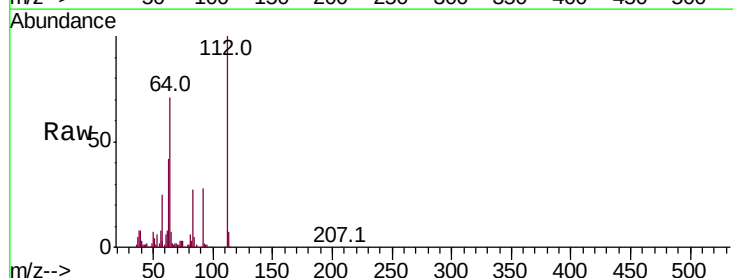
Time-->



#5

2-Fluorophenol
Concen: 129.544 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041133.D
Acq: 8 Jun 2019 14:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	56.2	84.2
63	41.6	32.8	49.2



Abundance

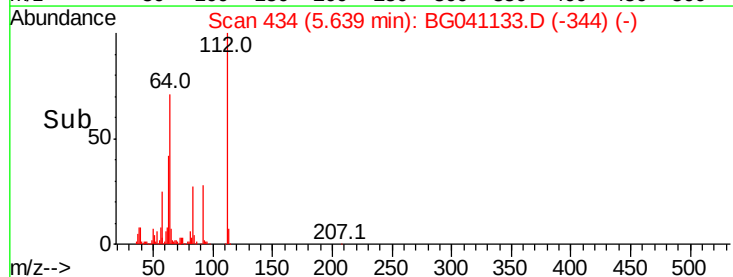
Ion 112.00 (111.70 to 112.70): E

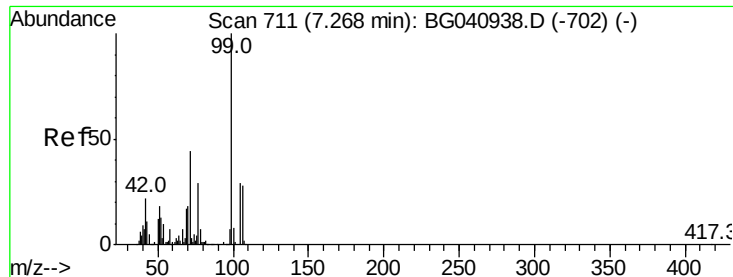
Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0

5.64

Time-->





#7

Phenol-d6

Concen: 110.087 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041133.D

Acq: 8 Jun 2019 14:52

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-B

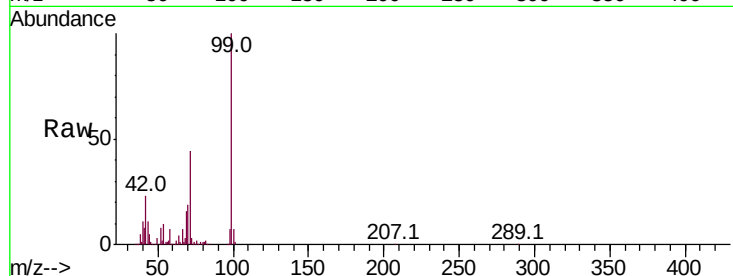
Tot Ion: 99 Resp: 387319

Ion Ratio Lower Upper

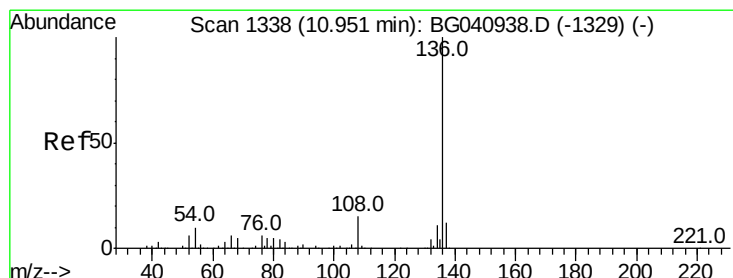
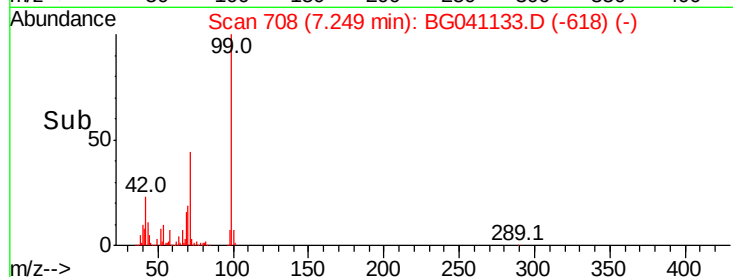
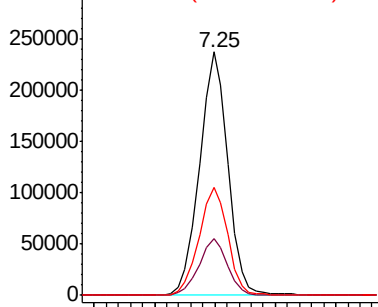
99 100

42 23.5 17.9 26.9

71 44.1 35.4 53.0



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: 10.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BG041133.D

Acq: 8 Jun 2019 14:52

Tgt Ion: 136 Resp: 165087

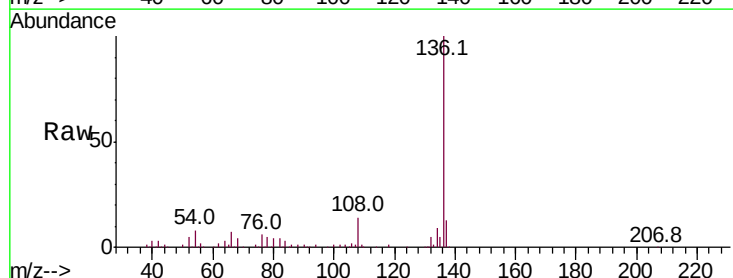
Ion Ratio Lower Upper

136 100

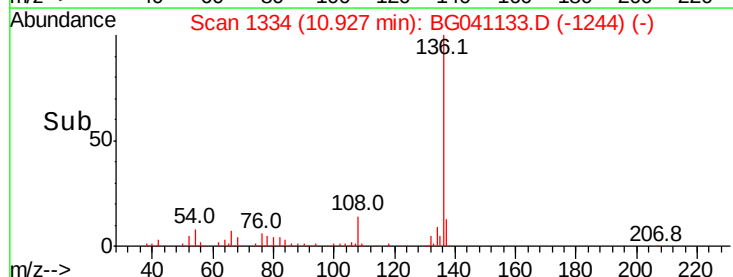
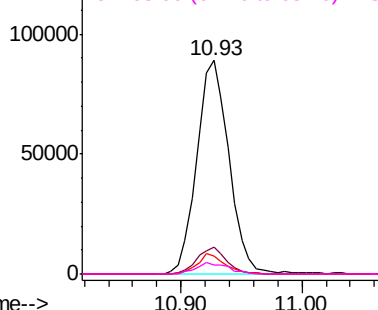
137 12.6 9.5 14.3

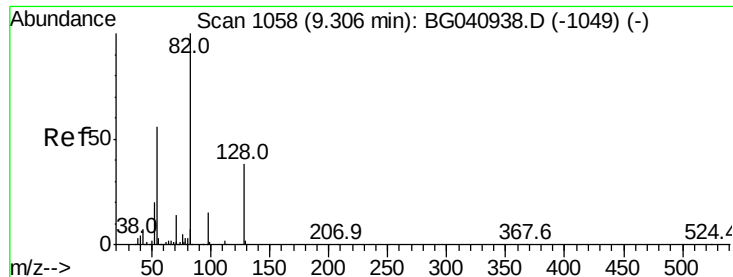
54 8.2 7.6 11.4

68 4.4 3.9 5.9



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

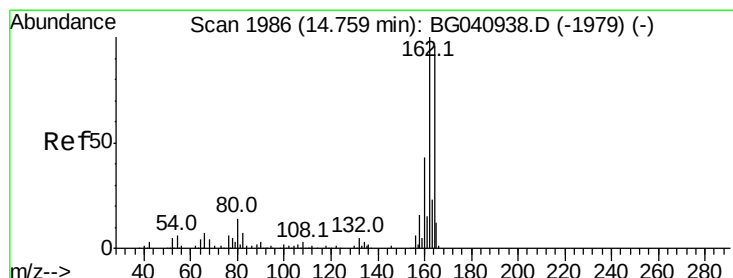
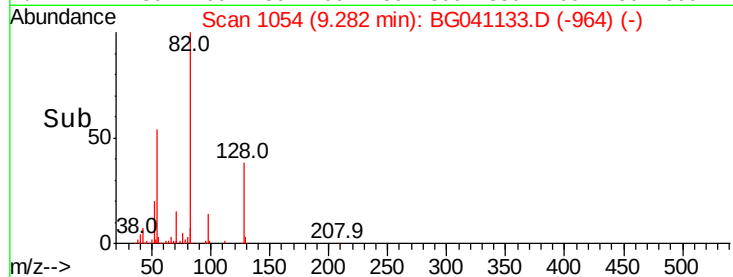
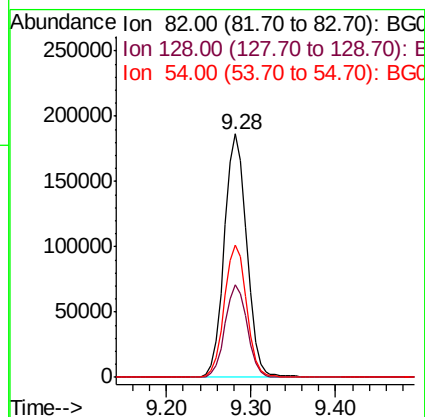
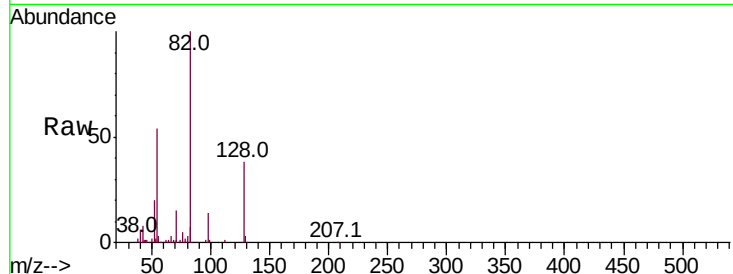




#23
 Nitrobenzene-d5
 Concen: 92.219 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG041133.D
 Acq: 8 Jun 2019 14:52

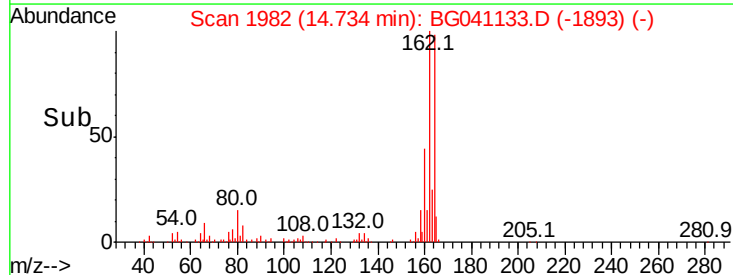
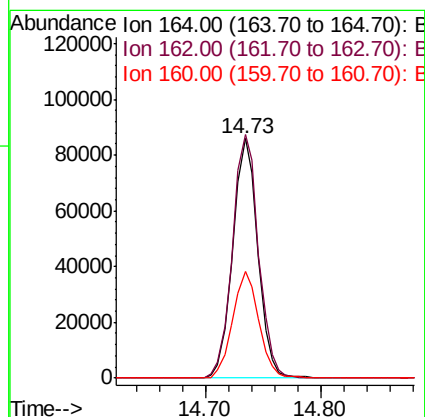
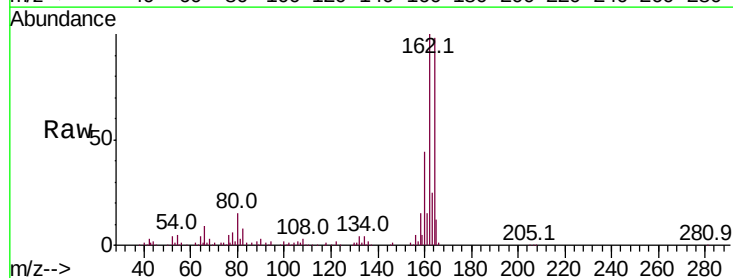
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-060519-B

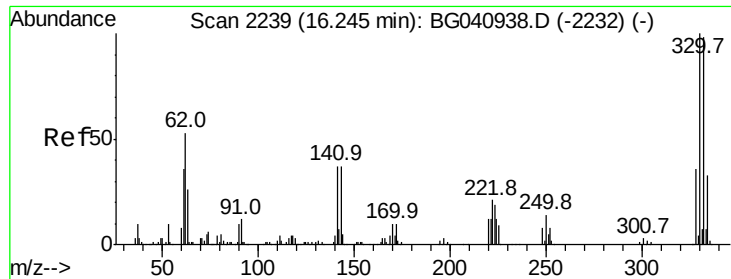
Tot Ion	82	Resp	342937
Ion Ratio	100	Lower	Upper
128	38.0	30.5	45.7
54	54.1	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG041133.D
 Acq: 8 Jun 2019 14:52

Tgt Ion	164	Resp	129093
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.8	83.0	124.4
160	44.7	35.6	53.4

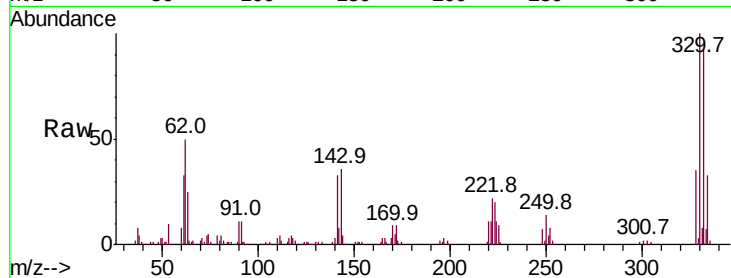




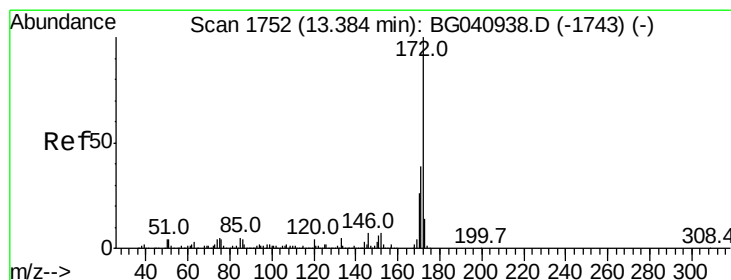
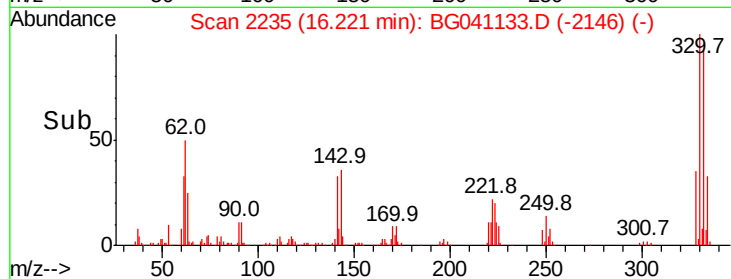
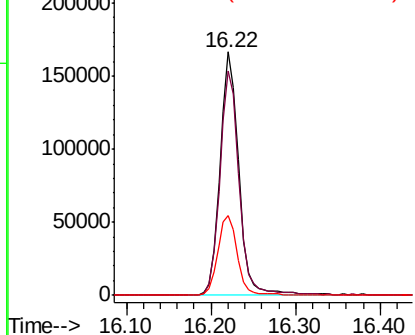
#42
 2,4,6-Tribromophenol
 Concen: 135.374 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG041133.D
 Acq: 8 Jun 2019 14:52

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-060519-B

Tot Ion:330 Resp: 259441
 Ion Ratio Lower Upper
 330 100
 332 93.4 78.5 117.7
 141 34.3 28.7 43.1

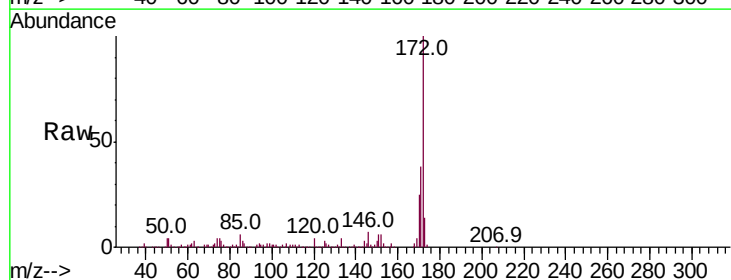


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

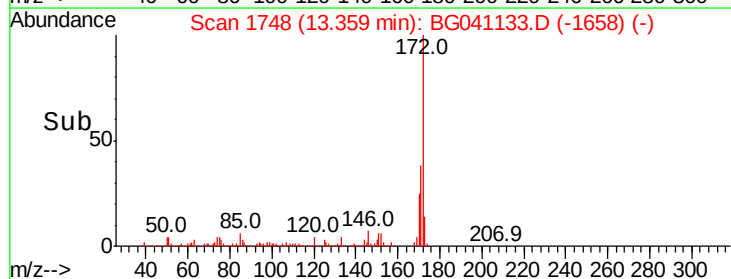
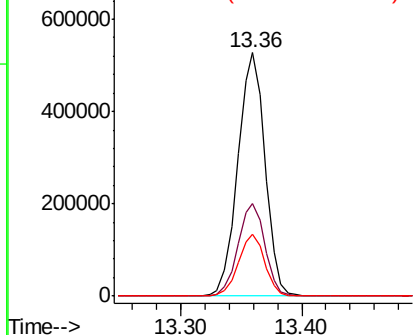


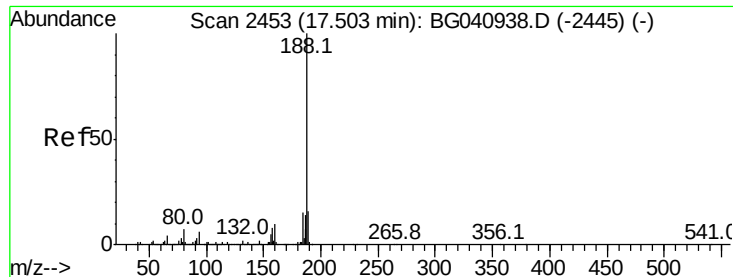
#45
 2-Fluorobiphenyl
 Concen: 92.455 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041133.D
 Acq: 8 Jun 2019 14:52

Tgt Ion:172 Resp: 828782
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.1 46.7
 170 25.4 20.5 30.7



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: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041133.D

Acq: 8 Jun 2019 14:52

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-B

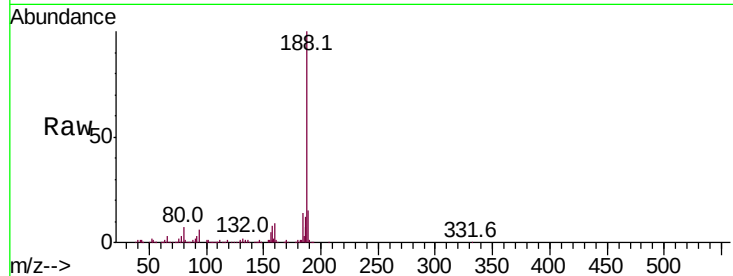
Tot Ion:188 Resp: 344887

Ion Ratio Lower Upper

188 100

94 5.7 4.7 7.1

80 6.6 5.8 8.8

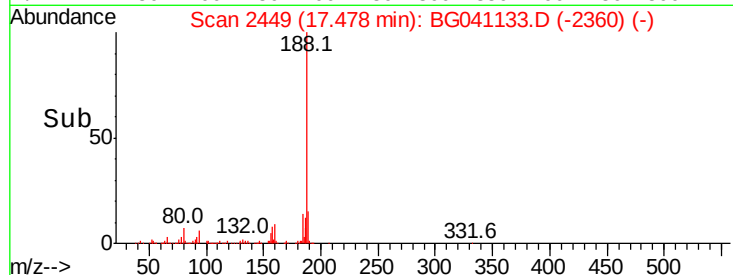


Abundance Ion 188.00 (187.70 to 188.70): E

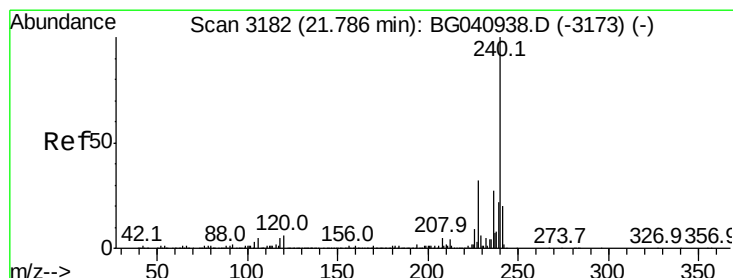
Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

17.48



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG041133.D

Acq: 8 Jun 2019 14:52

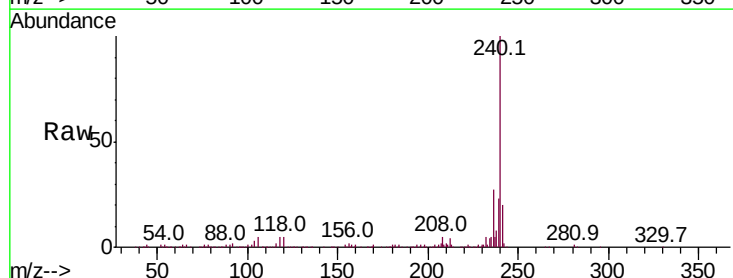
Tgt Ion:240 Resp: 353302

Ion Ratio Lower Upper

240 100

120 5.4 4.5 6.7

236 27.1 21.3 31.9

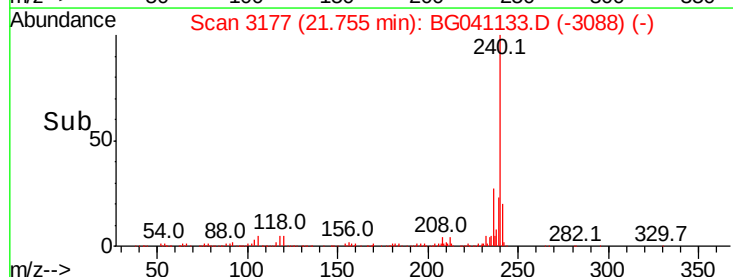


Abundance Ion 240.00 (239.70 to 240.70): E

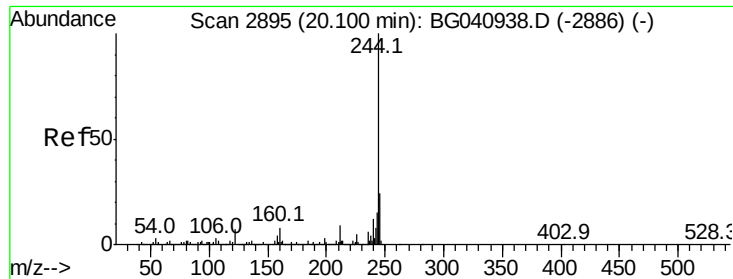
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.76



Time-->



#79

Terphenyl-d14

Concen: 95.783 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041133.D

Acq: 8 Jun 2019 14:52

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-B

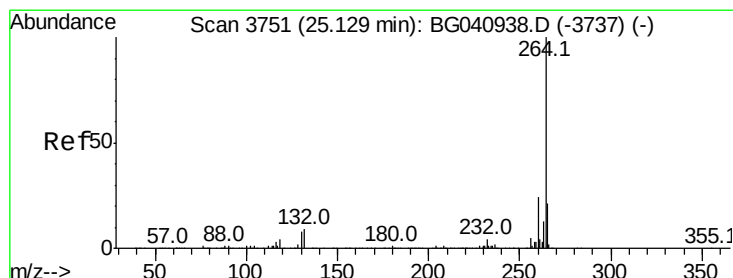
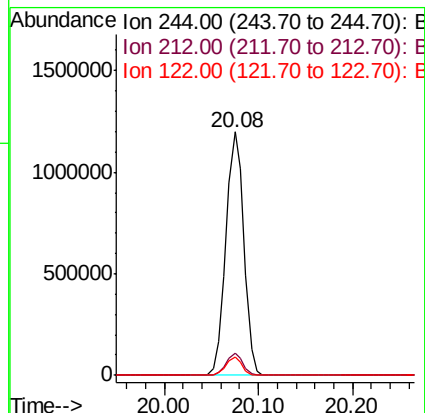
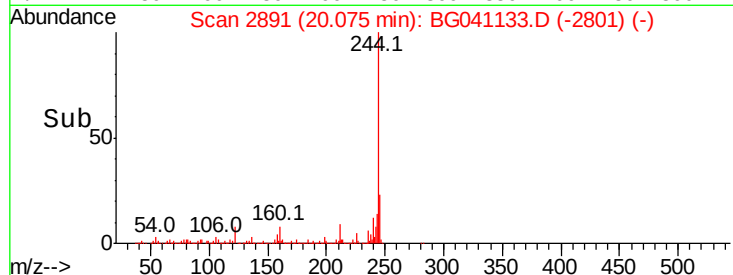
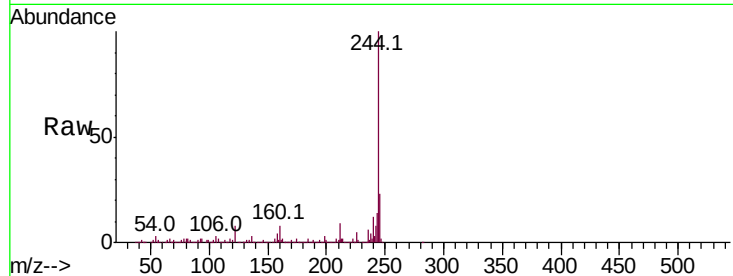
Tot Ion:244 Resp: 1594480

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.4

122 7.6 5.4 8.0



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041133.D

Acq: 8 Jun 2019 14:52

Tgt Ion:264 Resp: 373217

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 22.9 17.0 25.4

