

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041379.D
 Acq On : 21 Jun 2019 15:19
 Operator : HP/JU
 Sample : K3406-02RE 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BAT-B14RE

Quant Time: Jun 21 16:17:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

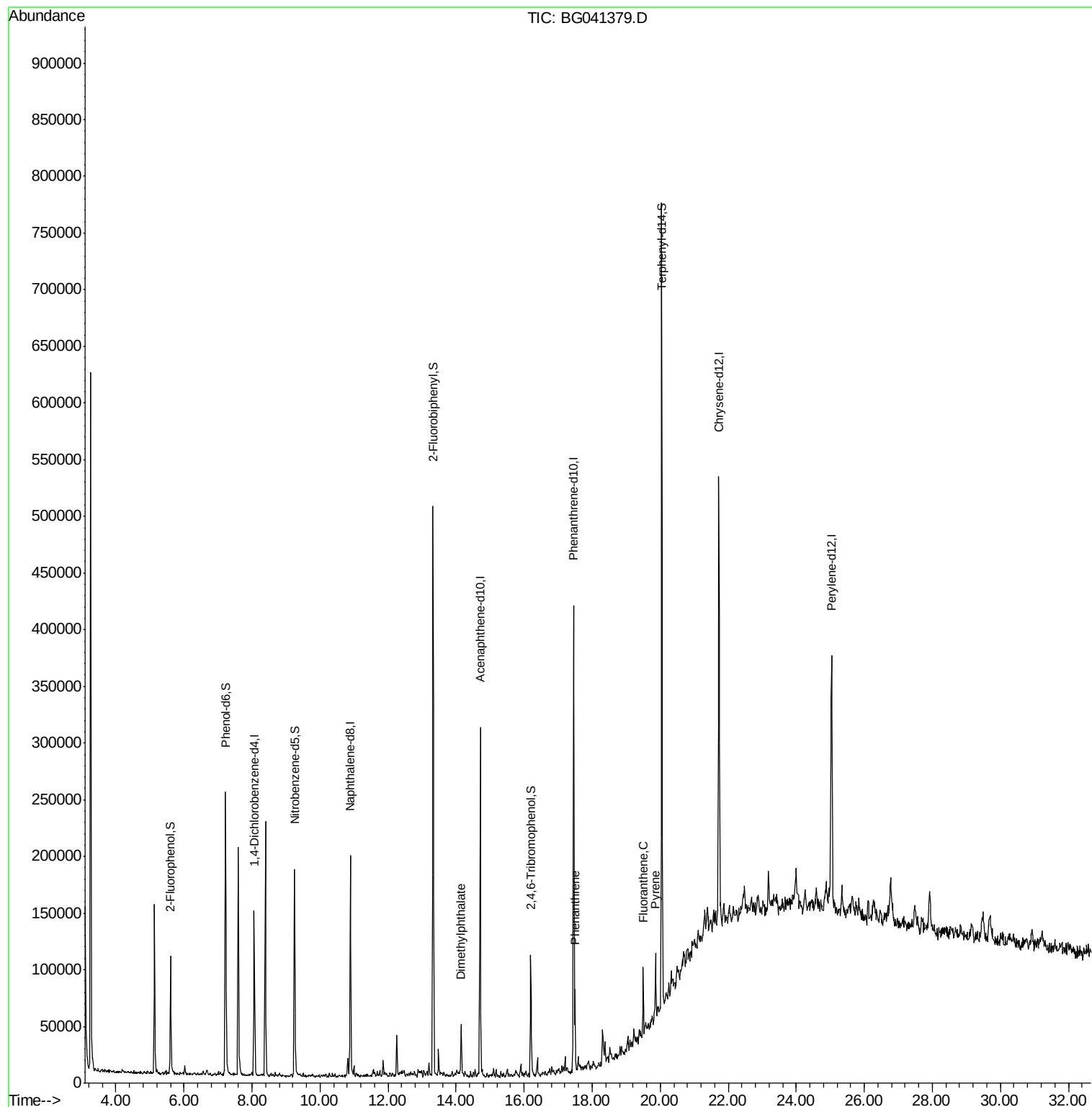
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	40943	20.00	ng	-0.01
21) Naphthalene-d8	10.89	136	157193	20.00	ng	-0.02
39) Acenaphthene-d10	14.70	164	109702	20.00	ng	-0.02
64) Phenanthrene-d10	17.45	188	251819	20.00	ng	-0.01
76) Chrysene-d12	21.72	240	237913	20.00	ng	-0.02
87) Perylene-d12	25.04	264	261602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	45112	20.25	ng	-0.01
7) Phenol-d6	7.22	99	145302	44.99	ng	-0.01
23) Nitrobenzene-d5	9.25	82	116175	31.08	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	21573	12.81	ng	-0.01
45) 2-Fluorobiphenyl	13.32	172	255733	31.68	ng	-0.02
79) Terphenyl-d14	20.04	244	348403	29.02	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.15	163	29318	3.004	ng	99
71) Phenanthrene	17.49	178	45728	3.405	ng	100
75) Fluoranthene	19.50	202	41630	2.333	ng	98
78) Pyrene	19.86	202	38215	2.382	ng	98

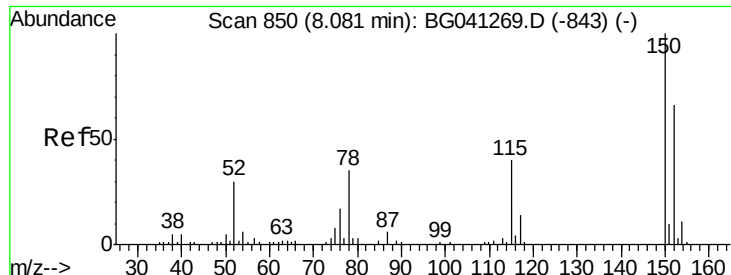
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 17 14:58:02 2019
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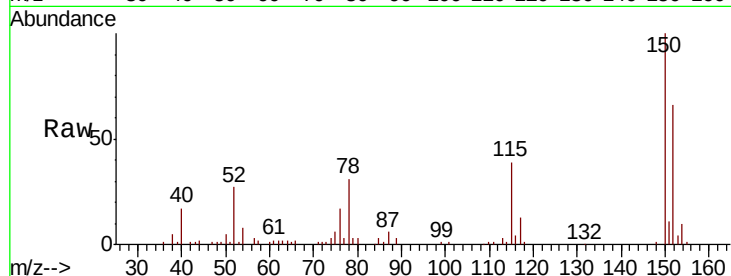


#1

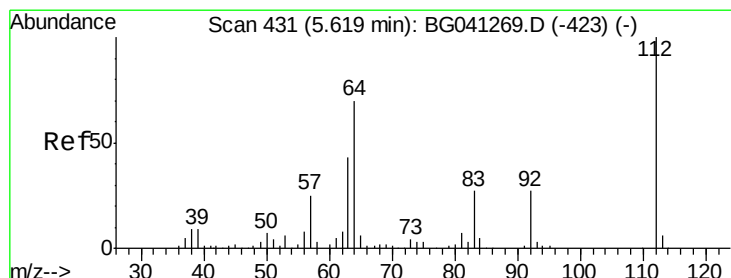
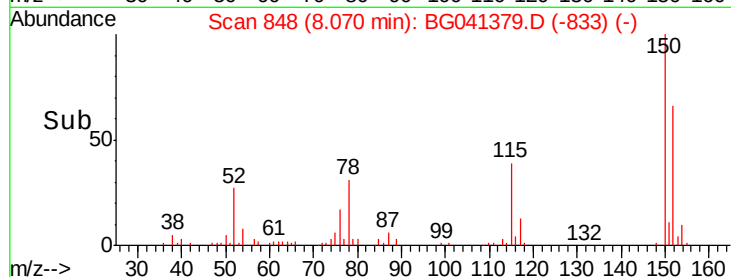
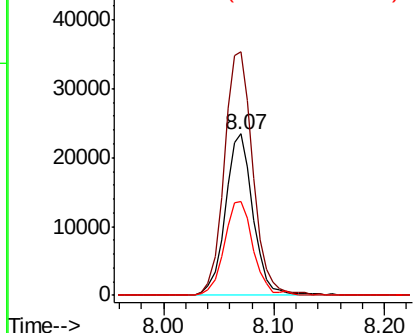
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Instrument :
BNA_G
ClientSampleId :
BAT-B14RE

Tot Ion:152 Resp: 40943
Ion Ratio Lower Upper
152 100
150 150.6 120.6 181.0
115 58.3 47.9 71.9



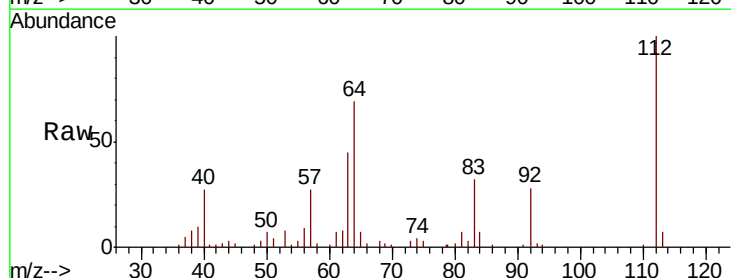
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



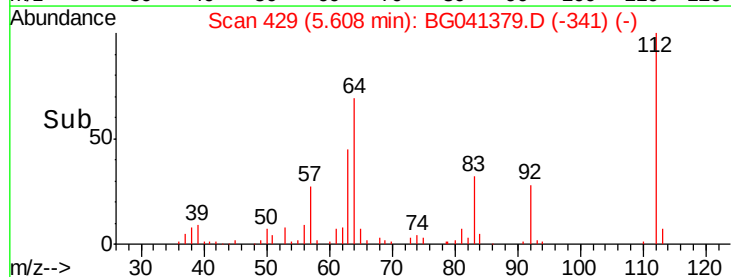
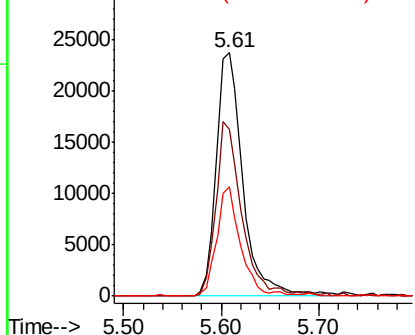
#5

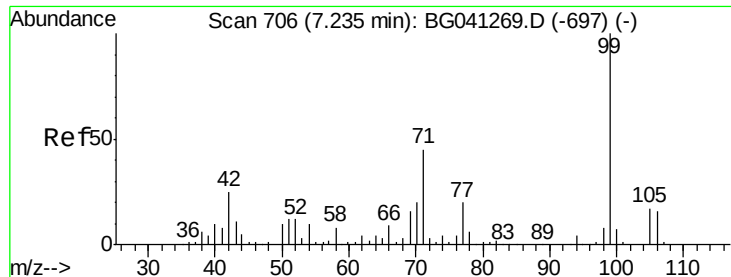
2-Fluorophenol
Concen: 20.245 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Tgt Ion:112 Resp: 45112
Ion Ratio Lower Upper
112 100
64 68.7 55.9 83.9
63 45.0 34.6 51.8



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: 44.986 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041379.D

Acq: 21 Jun 2019 15:19

Instrument :

BNA_G

ClientSampleId :

BAT-B14RE

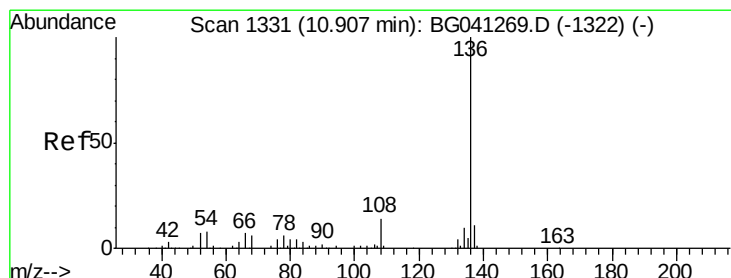
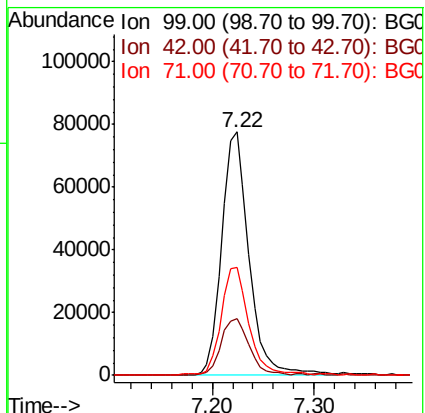
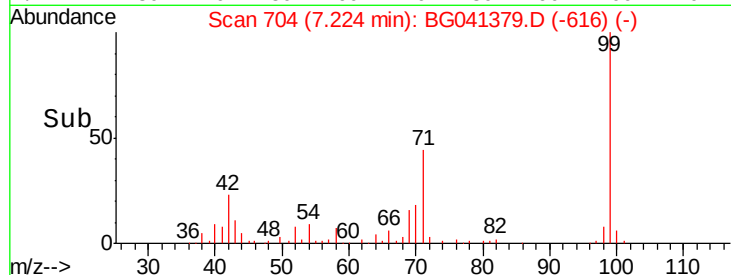
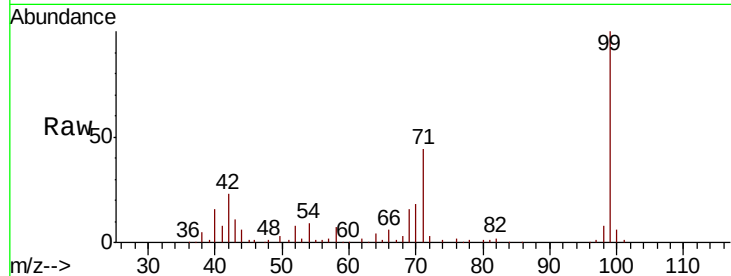
Tot Ion: 99 Resp: 145302

Ion Ratio Lower Upper

99 100

42 23.3 19.9 29.9

71 44.1 36.4 54.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BG041379.D

Acq: 21 Jun 2019 15:19

Tgt Ion: 136 Resp: 157193

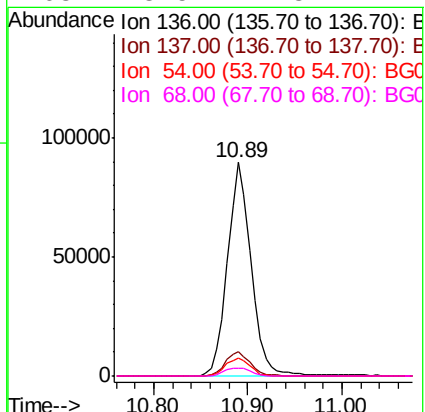
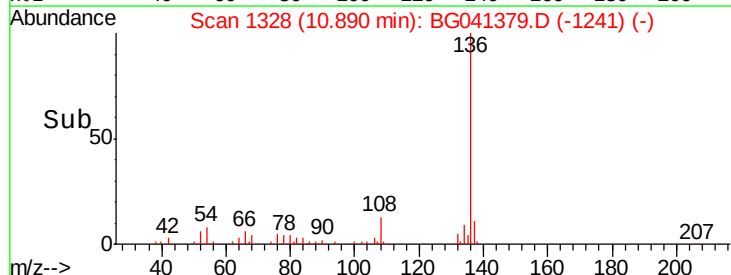
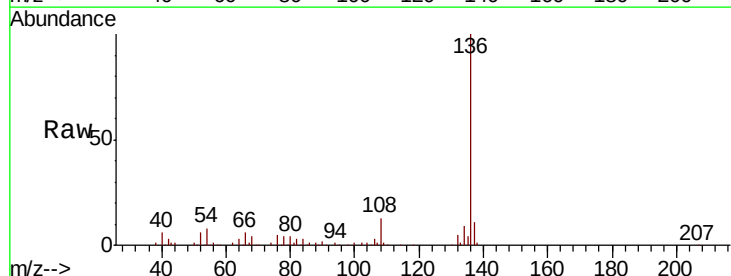
Ion Ratio Lower Upper

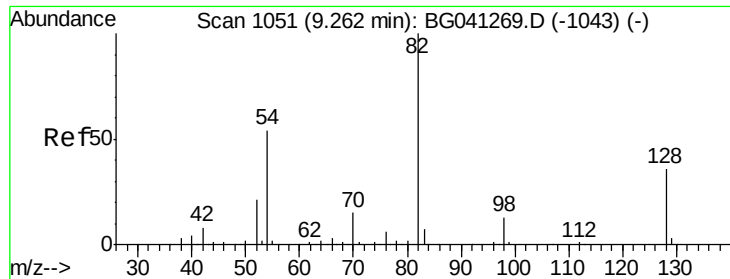
136 100

137 11.3 8.8 13.2

54 8.5 6.4 9.6

68 3.5 4.8 7.2#

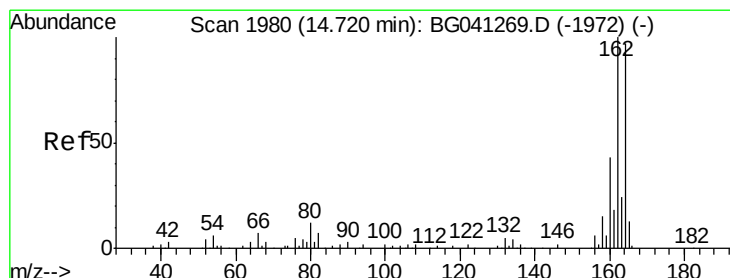
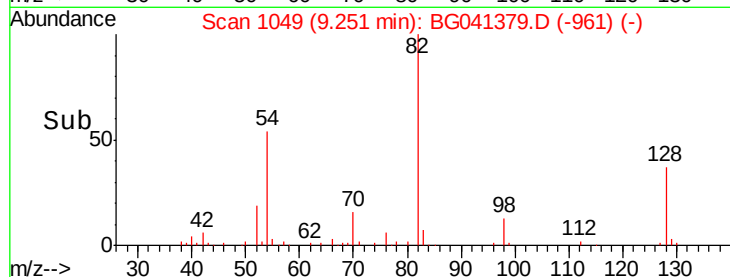
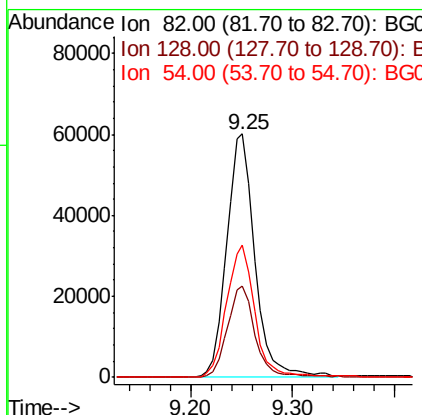
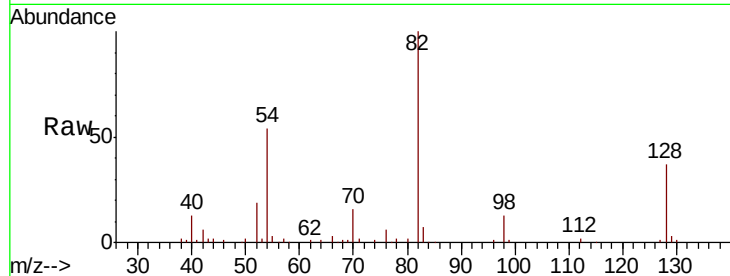




#23
 Nitrobenzene-d5
 Concen: 31.082 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG041379.D
 Acq: 21 Jun 2019 15:19

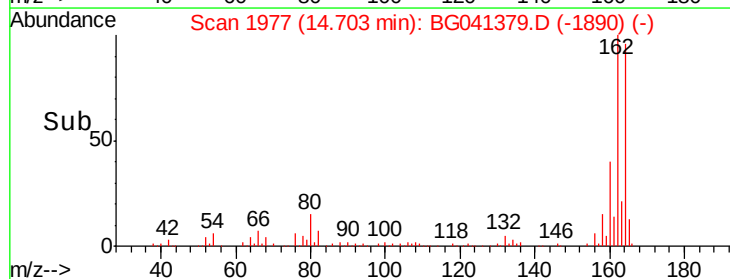
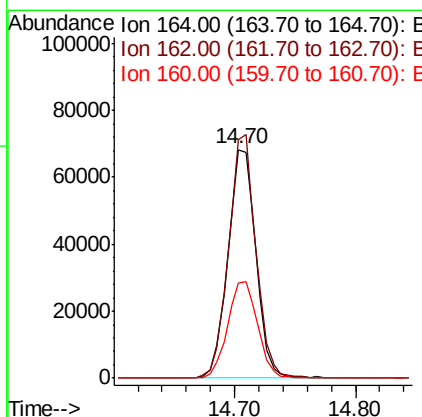
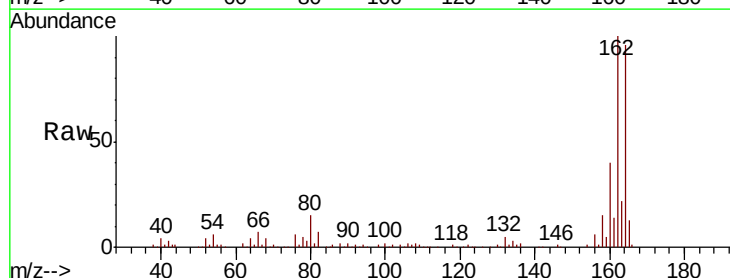
Instrument :
 BNA_G
 ClientSampleId :
 BAT-B14RE

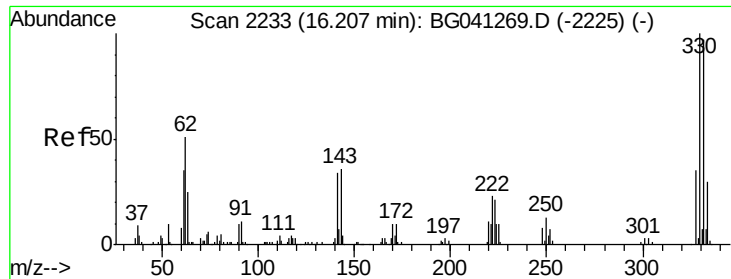
Tot Ion	82	Resp	116175
Ion Ratio	100	Lower	Upper
128	37.4	29.2	43.8
54	54.3	43.4	65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1977
 Delta R.T. -0.02 min
 Lab File: BG041379.D
 Acq: 21 Jun 2019 15:19

Tgt Ion	164	Resp	109702
Ion Ratio	100	Lower	Upper
162	104.4	82.8	124.2
160	41.7	35.8	53.8

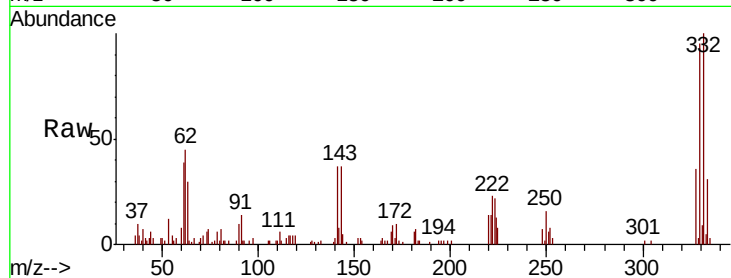




#42
 2,4,6-Tribromophenol
 Concen: 12.809 ng
 RT: 16.20 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BG041379.D
 Acq: 21 Jun 2019 15:19

Instrument :
 BNA_G
 ClientSampleId :
 BAT-B14RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.5	113.3
141	38.4	29.0	43.4

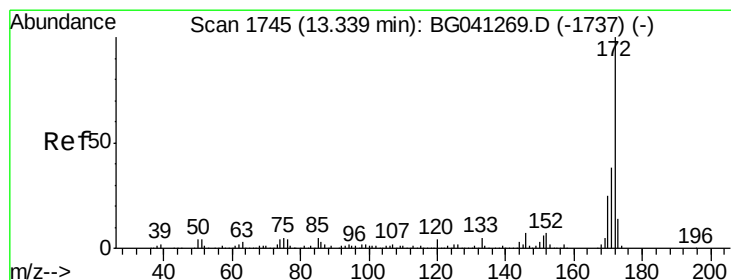
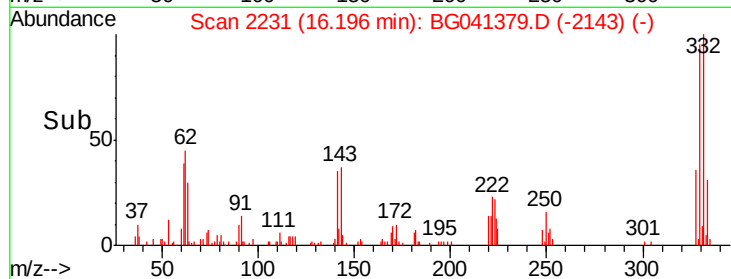
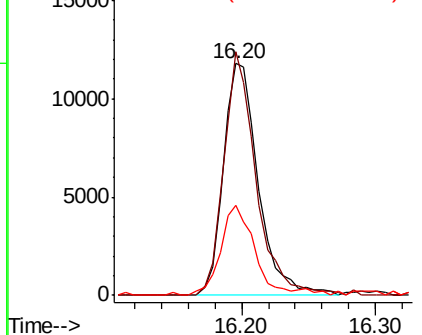


Abundance

Ion 329.80 (329.50 to 330.50): E

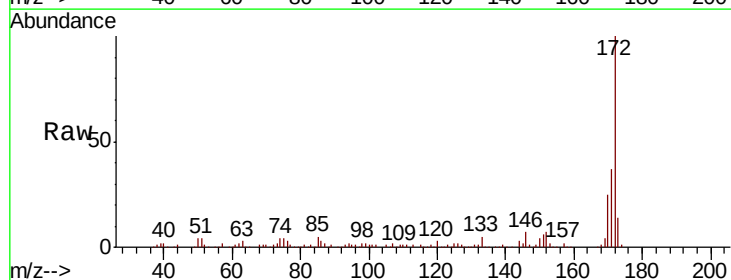
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 31.684 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.02 min
 Lab File: BG041379.D
 Acq: 21 Jun 2019 15:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.6	19.8	29.6

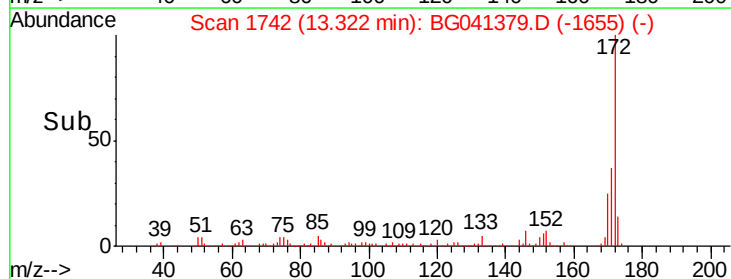
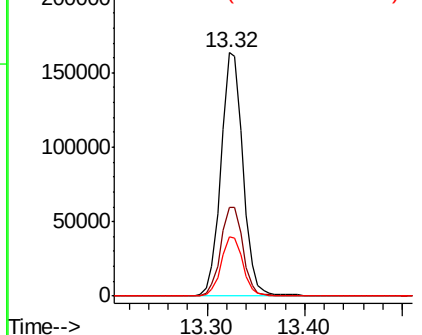


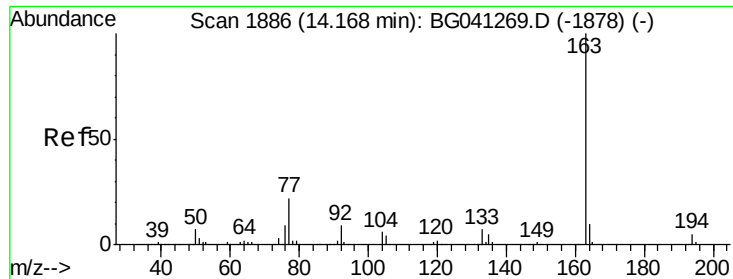
Abundance

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: 3.004 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.02 min

Lab File: BG041379.D

Acq: 21 Jun 2019 15:19

Instrument :

BNA_G

ClientSampleId :

BAT-B14RE

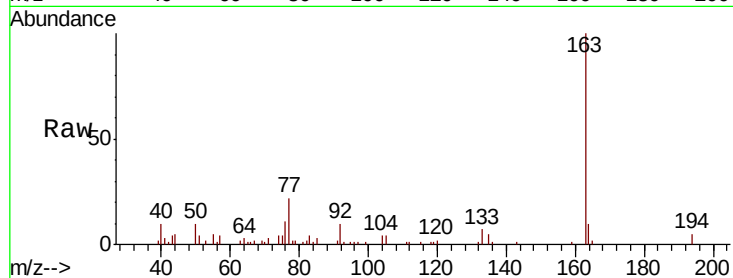
Tot Ion:163 Resp: 29318

Ion Ratio Lower Upper

163 100

194 5.3 3.9 5.9

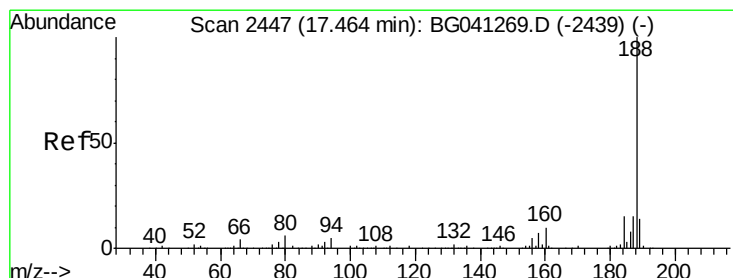
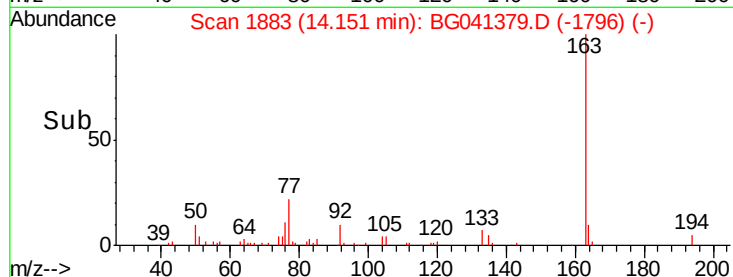
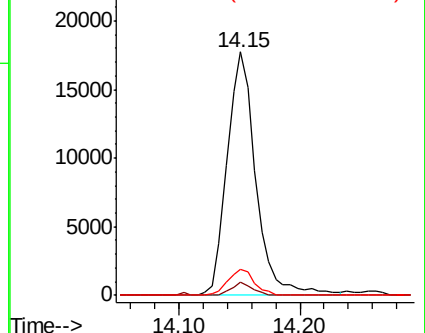
164 10.5 8.3 12.5



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: 17.45 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG041379.D

Acq: 21 Jun 2019 15:19

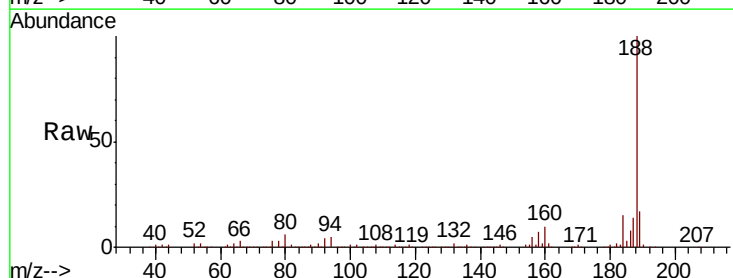
Tgt Ion:188 Resp: 251819

Ion Ratio Lower Upper

188 100

94 5.3 3.6 5.4

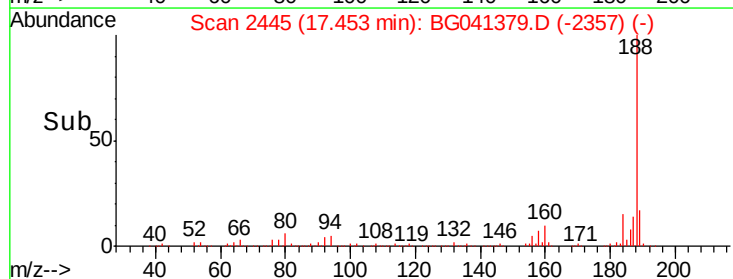
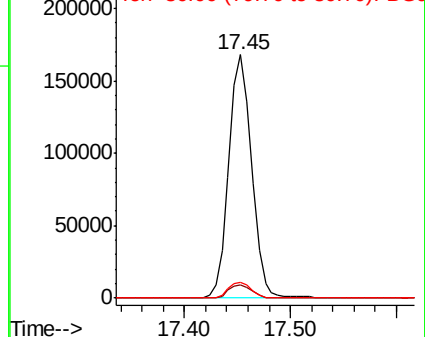
80 6.4 4.8 7.2

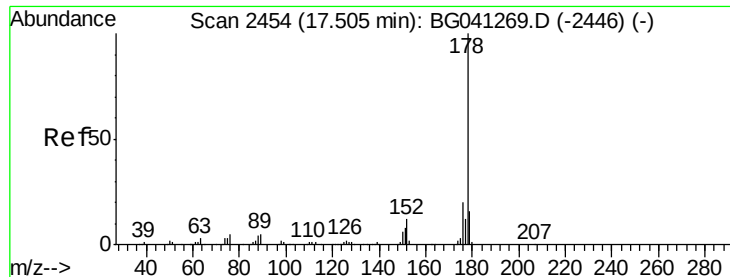


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#71

Phenanthrene

Concen: 3.405 ng

RT: 17.49 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041379.D

Acq: 21 Jun 2019 15:19

Instrument :

BNA_G

ClientSampleId :

BAT-B14RE

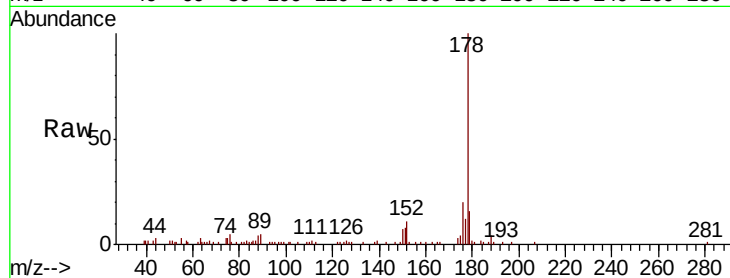
Tot Ion:178 Resp: 45728

Ion Ratio Lower Upper

178 100

176 19.9 16.1 24.1

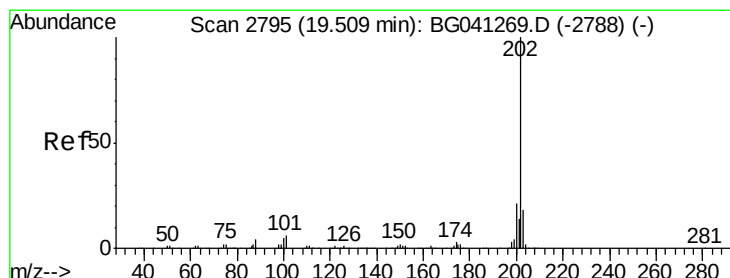
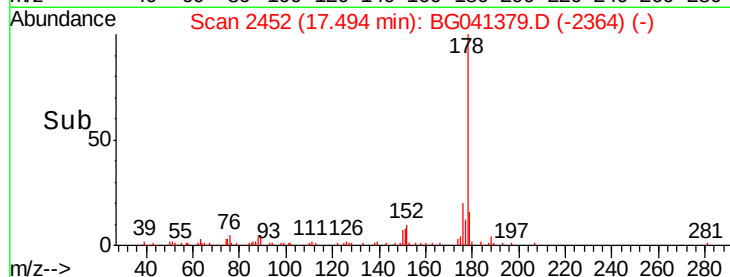
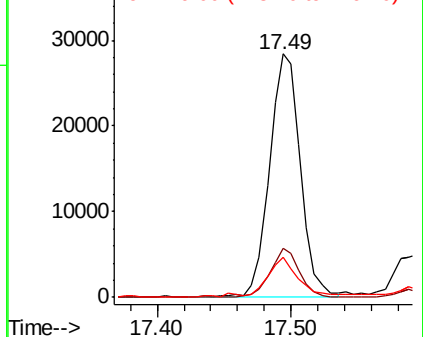
179 16.3 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 2.333 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG041379.D

Acq: 21 Jun 2019 15:19

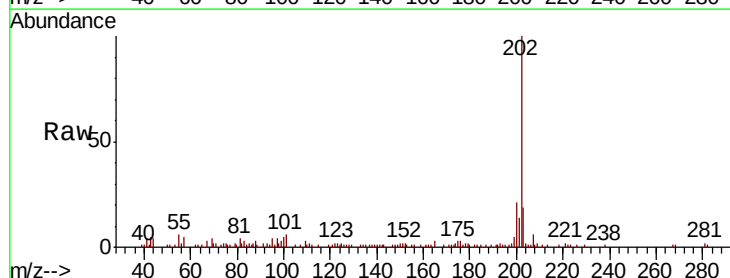
Tgt Ion:202 Resp: 41630

Ion Ratio Lower Upper

202 100

101 6.1 0.0 26.0

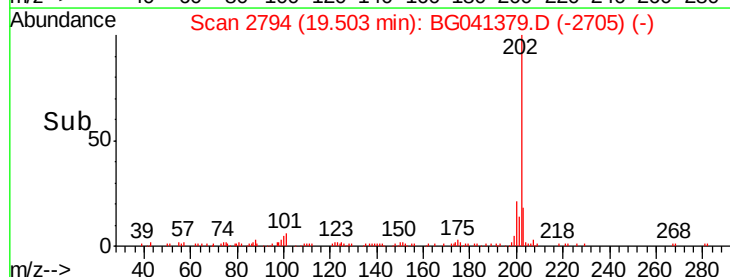
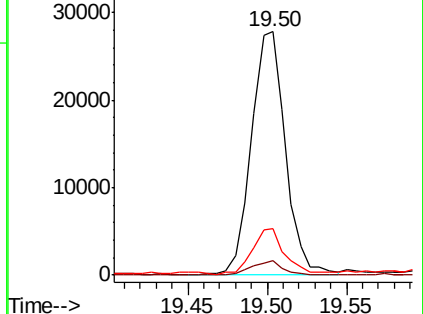
203 19.1 0.0 37.7

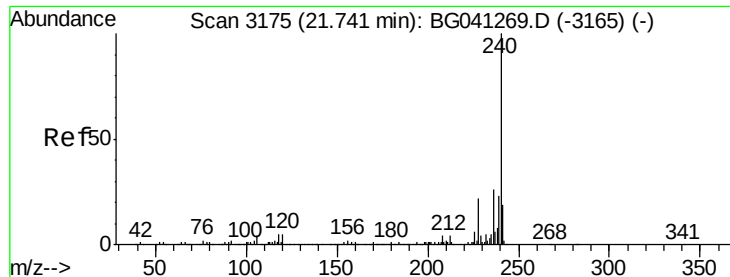


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

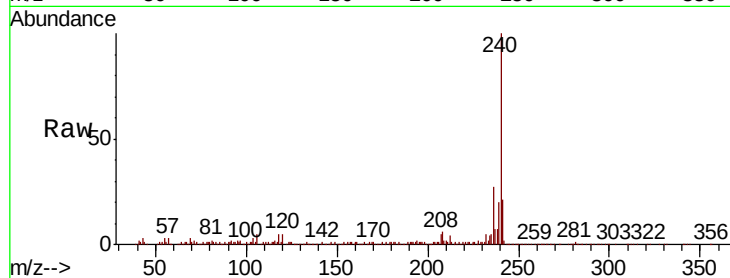




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.02 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Instrument :
BNA_G
ClientSampleId :
BAT-B14RE

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.7	5.5
236	26.6	21.1	31.7

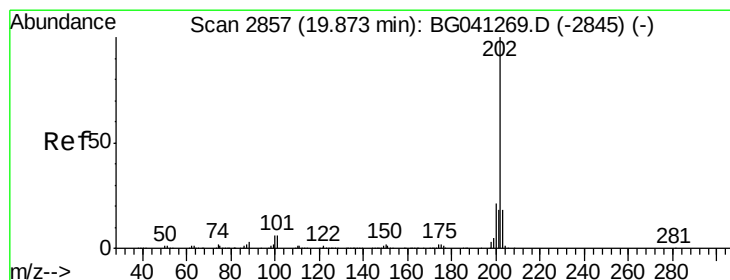
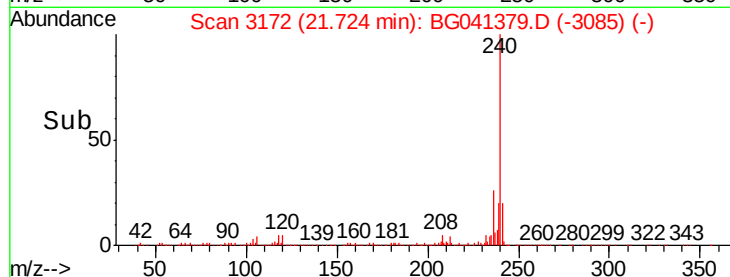
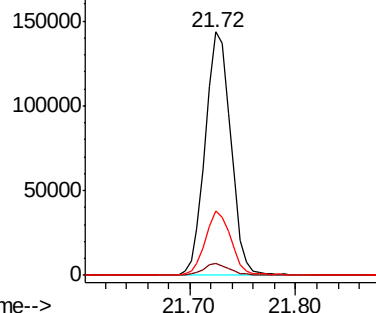


Abundance

Ion 240.00 (239.70 to 240.70): E

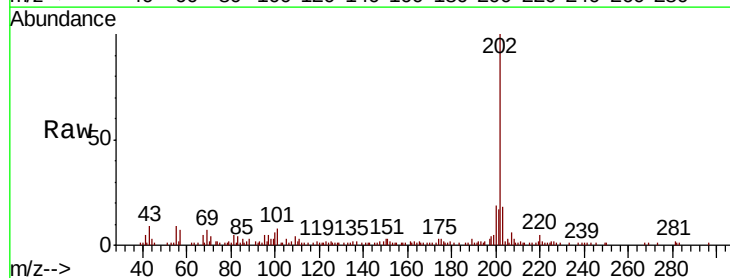
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 2.382 ng
RT: 19.86 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG041379.D
Acq: 21 Jun 2019 15:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.9	16.8	25.2
203	18.2	14.6	21.8

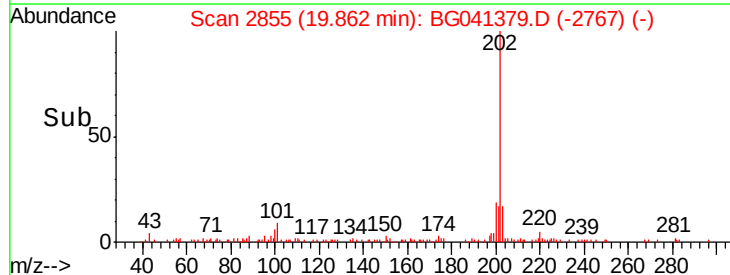
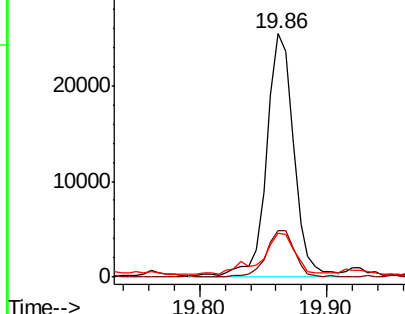


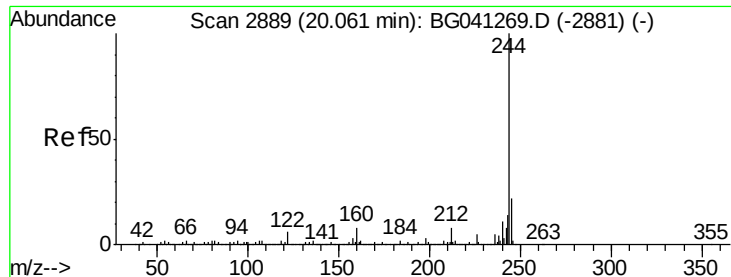
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 29.022 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.02 min

Lab File: BG041379.D

Acq: 21 Jun 2019 15:19

Instrument :

BNA_G

ClientSampleId :

BAT-B14RE

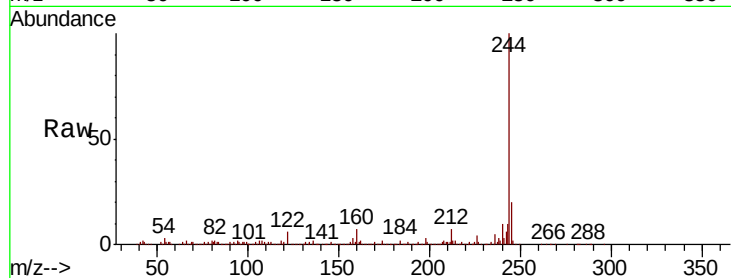
Tot Ion:244 Resp: 348403

Ion Ratio Lower Upper

244 100

212 7.4 6.6 10.0

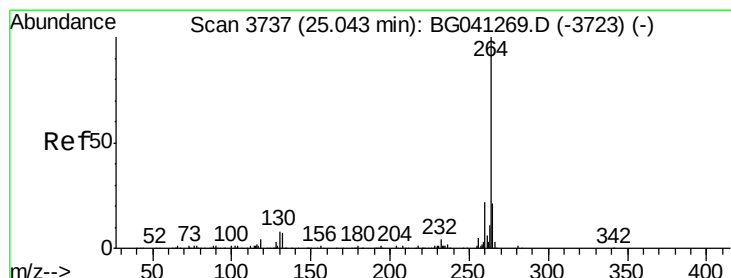
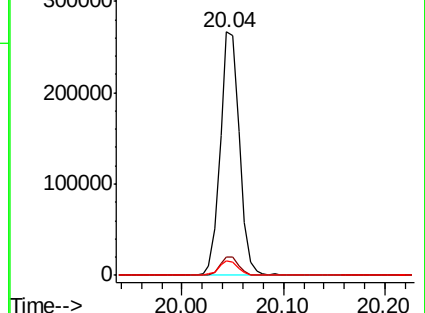
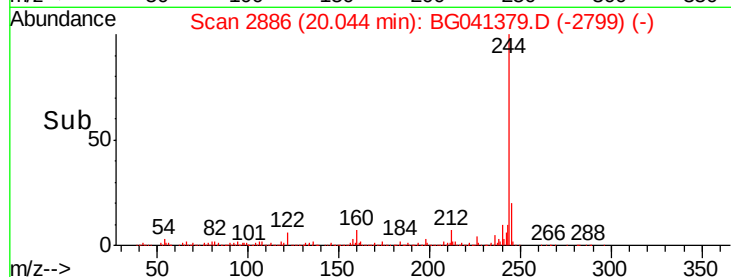
122 6.1 5.0 7.4



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: 25.04 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BG041379.D

Acq: 21 Jun 2019 15:19

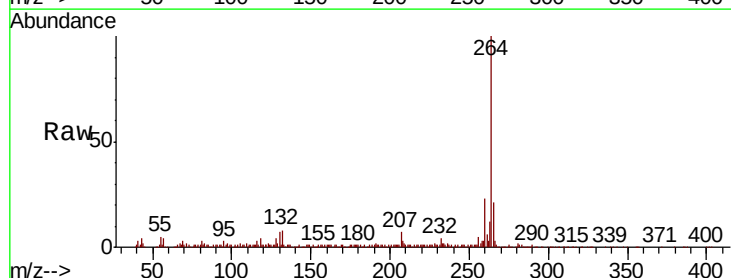
Tgt Ion:264 Resp: 261602

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.2

265 20.8 17.2 25.8



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

