

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040214.D
 Acq On : 29 Mar 2019 1:04
 Operator : JU/SJ
 Sample : PB118375TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118375TB

Quant Time: Mar 29 08:06:52 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	8.07	152	48916	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	202592	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	126727	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	337884	20.00	ng	0.00
76) Chrysene-d12	21.72	240	386668	20.00	ng	0.00
87) Perylene-d12	25.02	264	379421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	398648	135.48	ng	0.00
7) Phenol-d6	7.22	99	548482	134.88	ng	0.00
23) Nitrobenzene-d5	9.24	82	318957	83.68	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	191517	139.84	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	749026	87.58	ng	0.00
79) Terphenyl-d14	20.05	244	1393196	81.06	ng	0.00

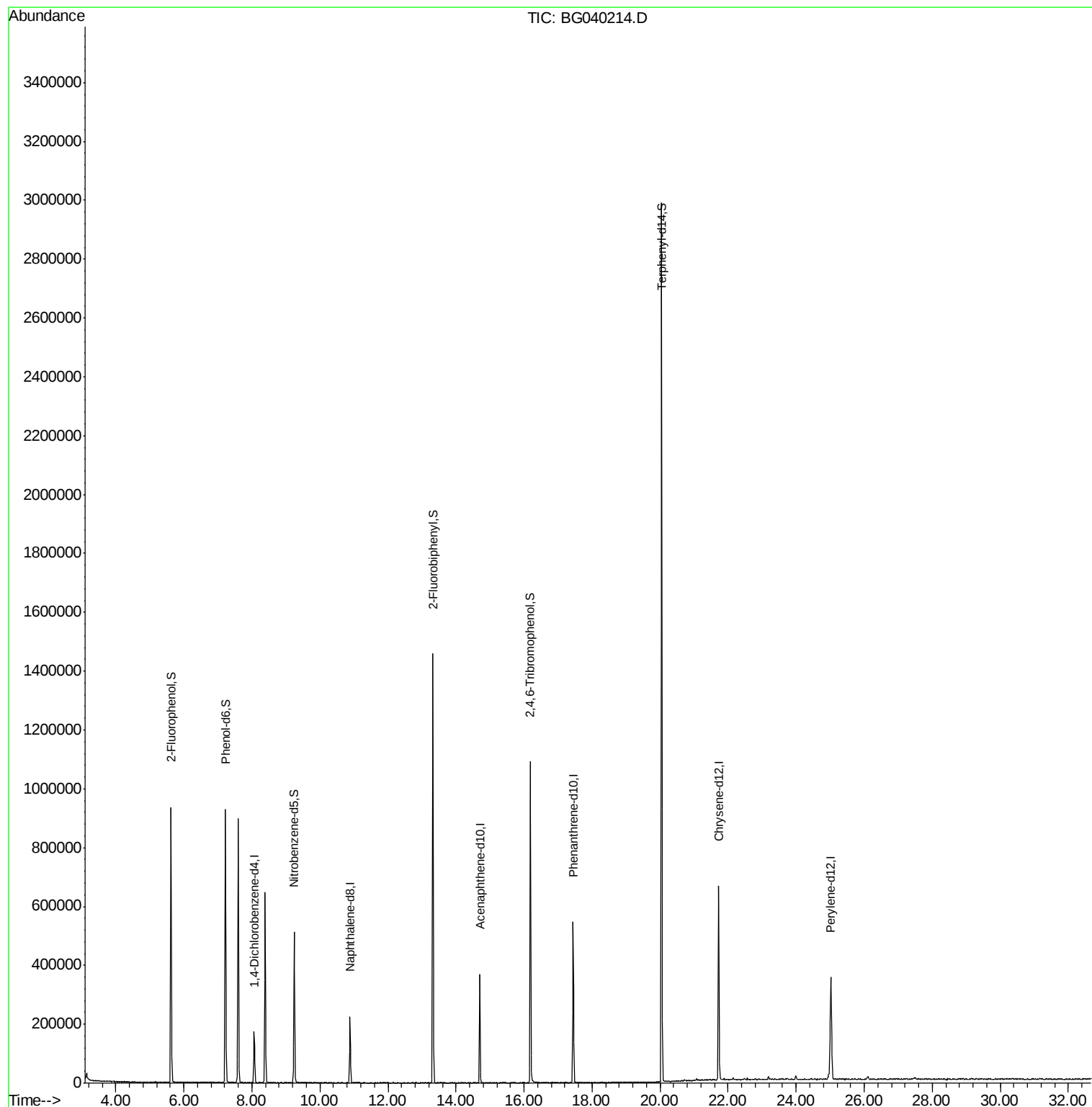
Target Compounds Qvalue

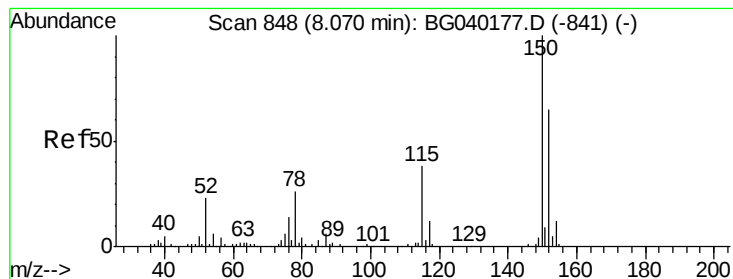
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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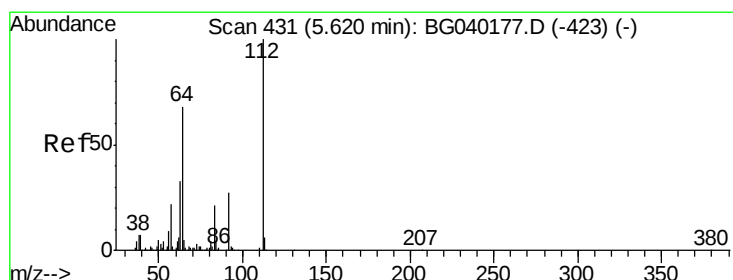
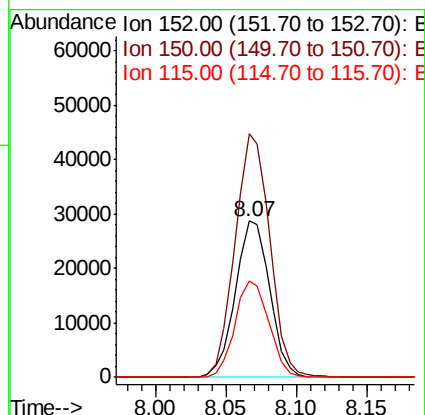
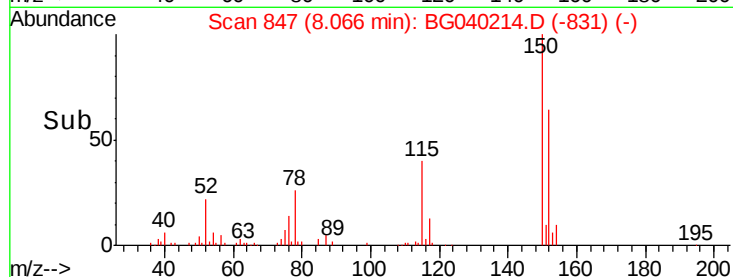
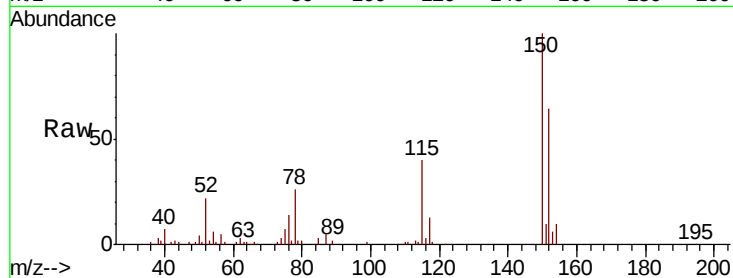


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG040214.D
Acq: 29 Mar 2019 1:04

Instrument :
BNA_G
ClientSampleId :
PB118375TB

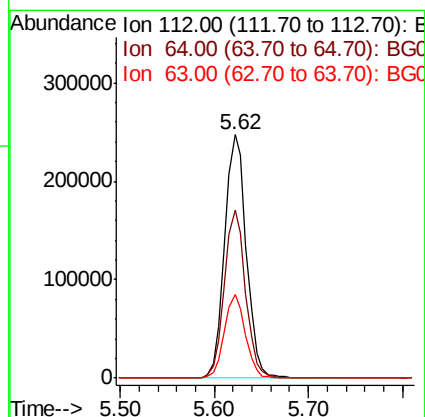
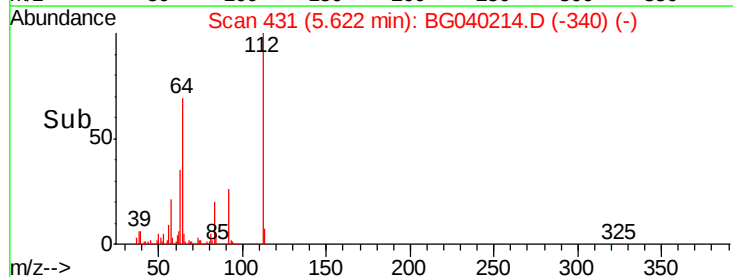
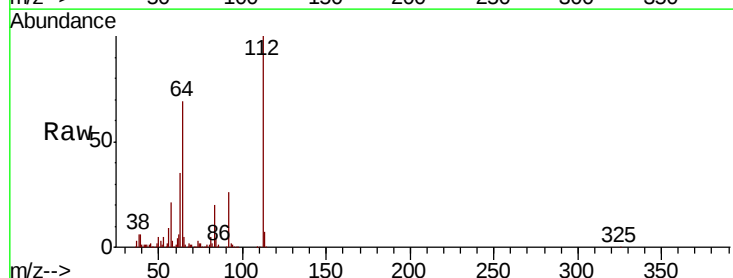
Tot Ion:152 Resp: 48916
Ion Ratio Lower Upper
152 100
150 155.5 123.7 185.5
115 61.5 46.9 70.3

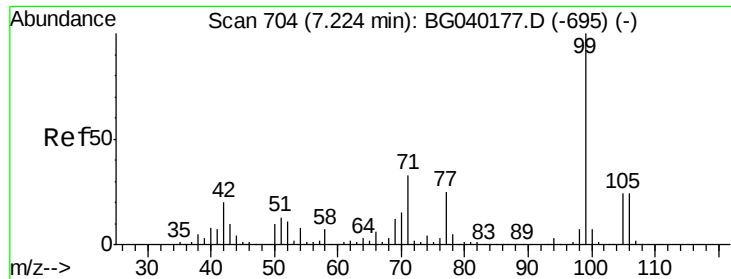


#5

2-Fluorophenol
Concen: 135.481 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040214.D
Acq: 29 Mar 2019 1:04

Tgt Ion:112 Resp: 398648
Ion Ratio Lower Upper
112 100
64 69.1 54.2 81.2
63 34.6 26.4 39.6





#7

Phenol-d6

Concen: 134.877 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG040214.D

Acq: 29 Mar 2019 1:04

Instrument :

BNA_G

ClientSampleId :

PB118375TB

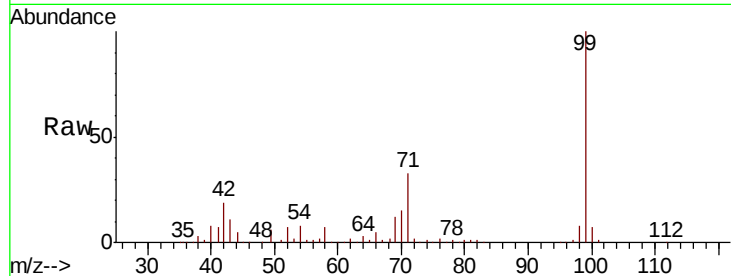
Tot Ion: 99 Resp: 548482

Ion Ratio Lower Upper

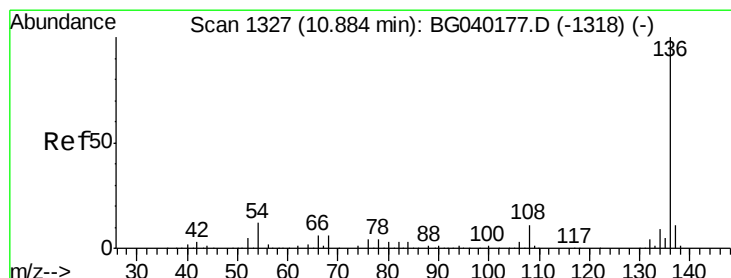
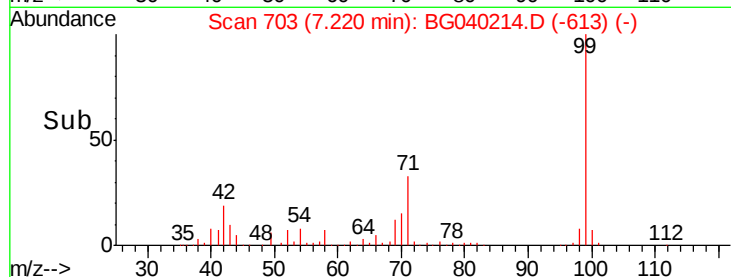
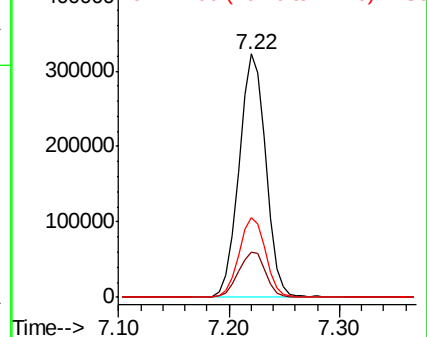
99 100

42 18.7 16.2 24.2

71 32.8 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: 10.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BG040214.D

Acq: 29 Mar 2019 1:04

Tgt Ion: 136 Resp: 202592

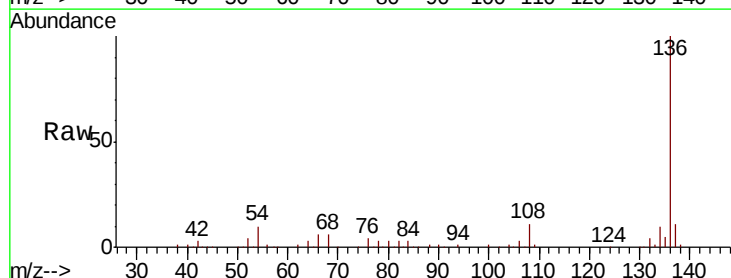
Ion Ratio Lower Upper

136 100

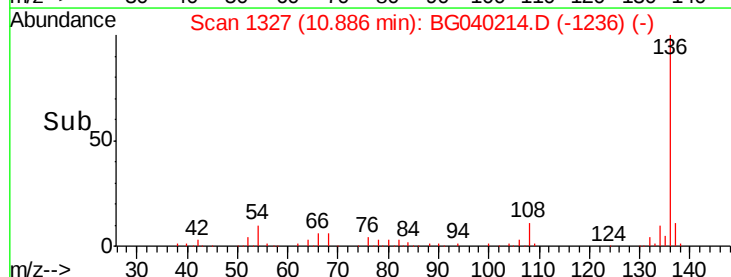
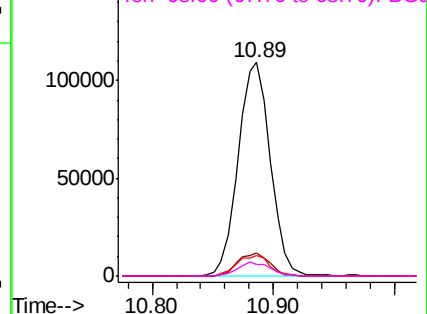
137 10.5 8.9 13.3

54 9.6 9.6 14.4#

68 5.7 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

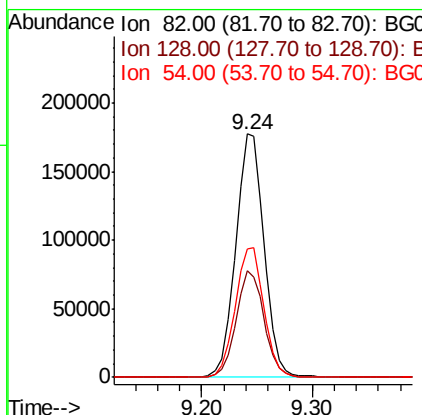
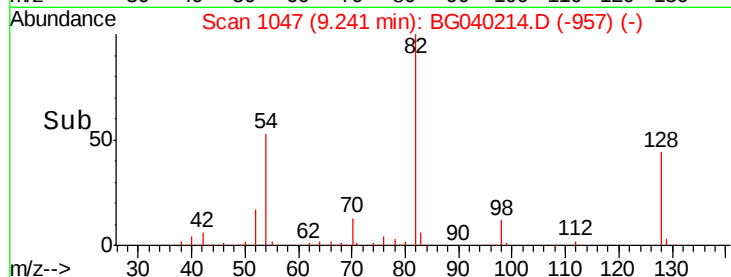
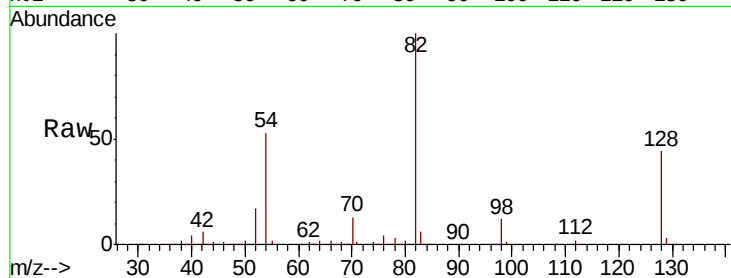




#23
Nitrobenzene-d5
Concen: 83.684 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG040214.D
Acq: 29 Mar 2019 1:04

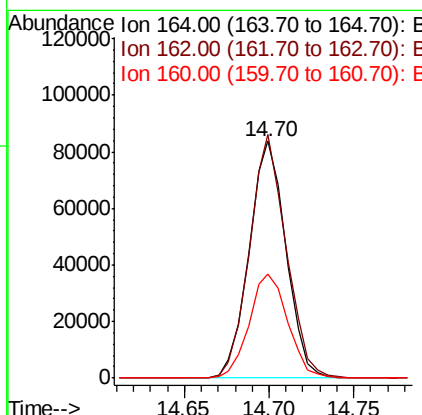
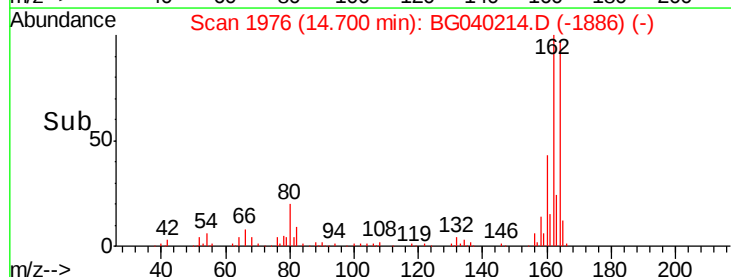
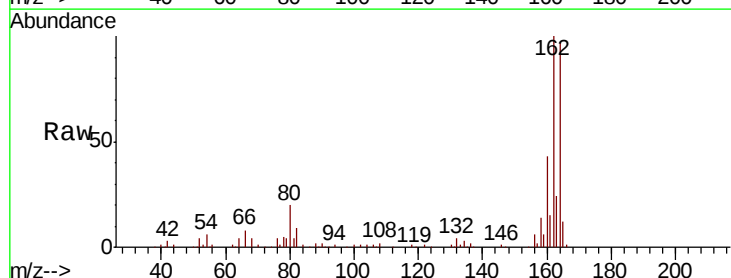
Instrument :
BNA_G
ClientSampleId :
PB118375TB

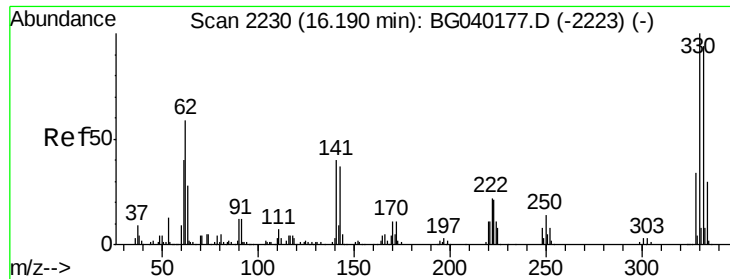
Tot Ion	82.00	Resp	318957
Ion Ratio	100	Lower	Upper
128	44.0	35.8	53.8
54	52.9	46.2	69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG040214.D
Acq: 29 Mar 2019 1:04

Tgt Ion	164	Resp	126727
Ion Ratio	100	Lower	Upper
162	102.8	77.4	116.2
160	44.1	35.3	52.9

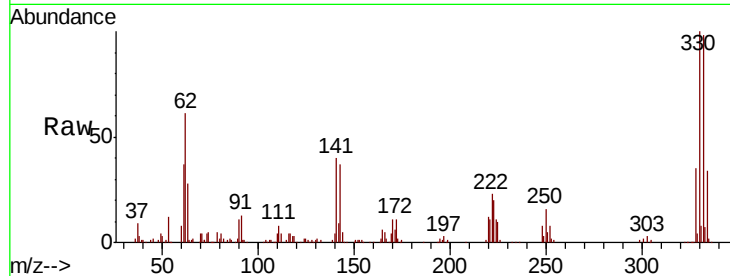




#42
 2,4,6-Tribromophenol
 Concen: 139.835 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG040214.D
 Acq: 29 Mar 2019 1:04

Instrument :
 BNA_G
 ClientSampleId :
 PB118375TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	115.0
141	39.4	32.6	48.8

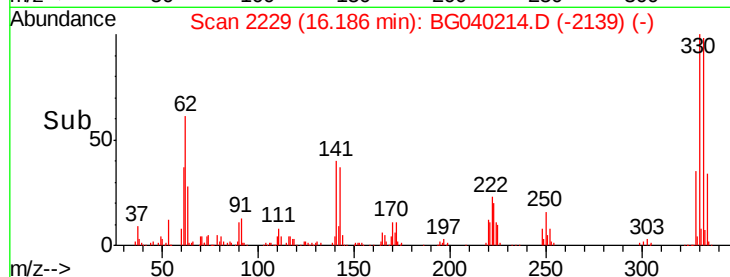
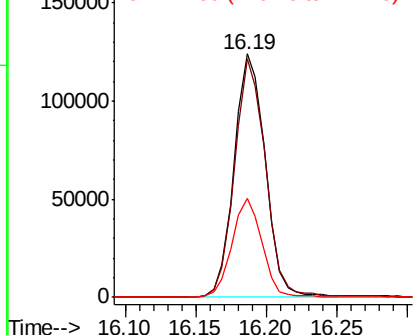


Abundance

Ion 329.80 (329.50 to 330.50): E

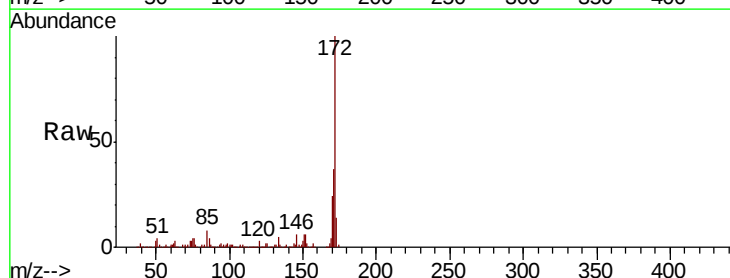
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.580 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG040214.D
 Acq: 29 Mar 2019 1:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	24.2	20.1	30.1

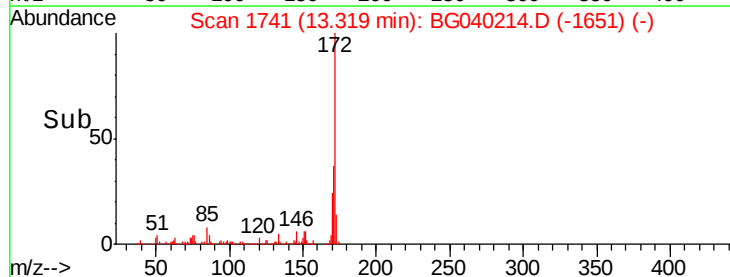
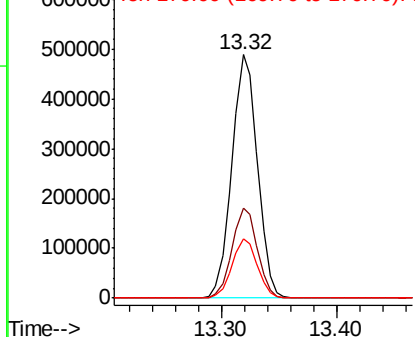


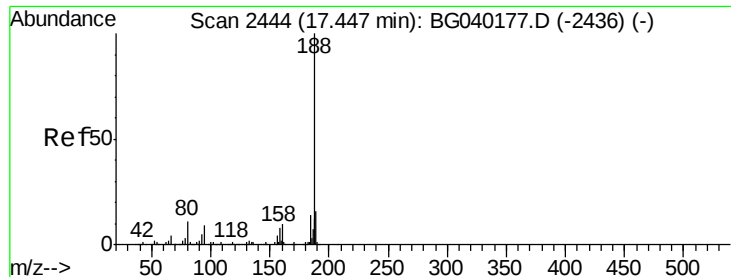
Abundance

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: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG040214.D

Acq: 29 Mar 2019 1:04

Instrument :

BNA_G

ClientSampleId :

PB118375TB

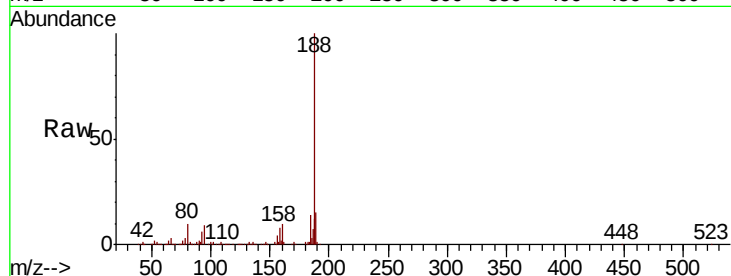
Tot Ion:188 Resp: 337884

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

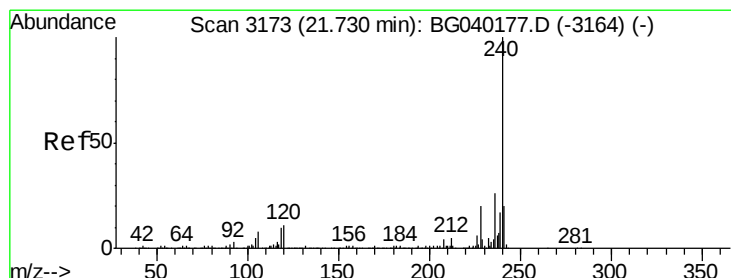
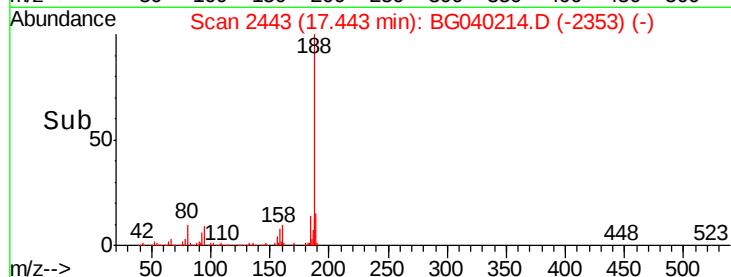
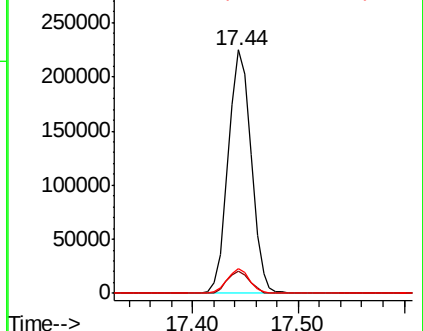
80 10.0 8.6 13.0



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: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG040214.D

Acq: 29 Mar 2019 1:04

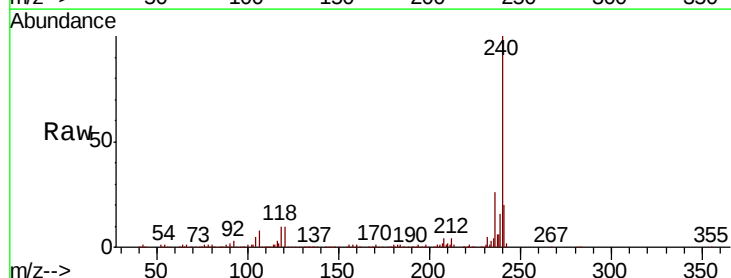
Tgt Ion:240 Resp: 386668

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

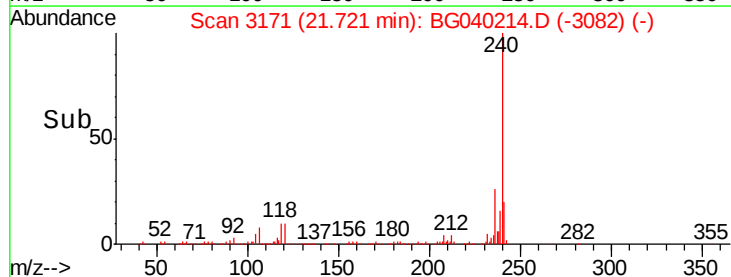
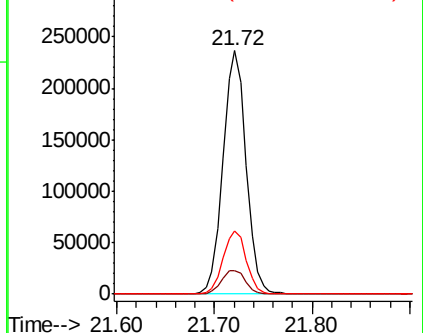
236 25.9 20.8 31.2



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: 81.057 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG040214.D

Acq: 29 Mar 2019 1:04

Instrument :

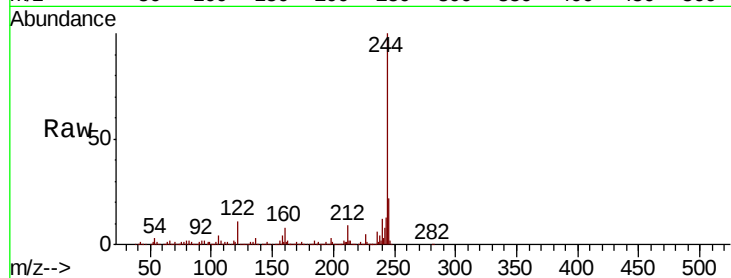
BNA_G

ClientSampleId :

PB118375TB

Tot Ion:244 Resp: 1393196

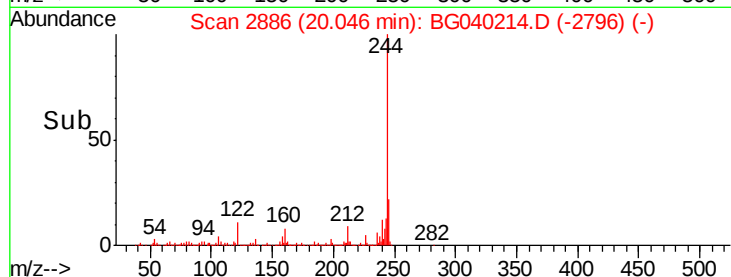
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	10.8	8.5	12.7



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



1000000

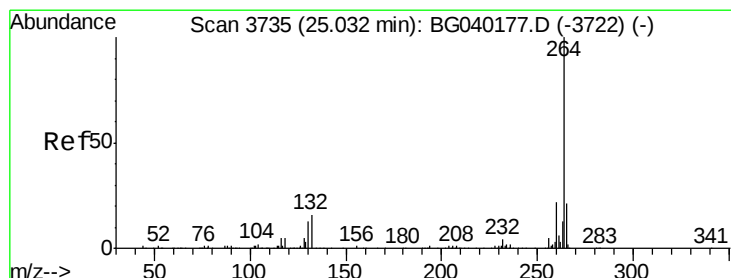
20.05

500000

0

Time-->

20.00 20.10



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

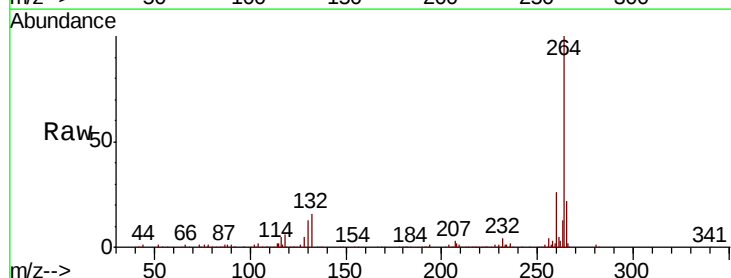
Delta R.T. -0.01 min

Lab File: BG040214.D

Acq: 29 Mar 2019 1:04

Tgt Ion:264 Resp: 379421

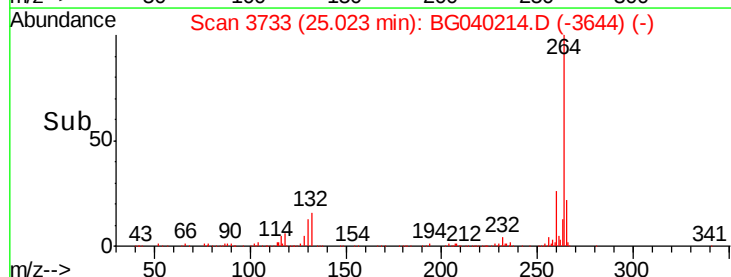
Ion	Ratio	Lower	Upper
264	100		
260	25.7	17.9	26.9
265	21.8	16.8	25.2



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



150000

25.02

100000

50000

0

Time-->

24.90 25.00 25.10