

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040285.D
 Acq On : 2 Apr 2019 5:08
 Operator : JU/SJ
 Sample : PB118474BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118474BL

Quant Time: Apr 02 09:16:12 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	51605	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	222960	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	162768	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	422904	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	422495	20.00	ng	-0.03
87) Perylene-d12	25.01	264	416075	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	283524	91.33	ng	-0.01
7) Phenol-d6	7.20	99	408818	95.29	ng	-0.02
23) Nitrobenzene-d5	9.23	82	231784	55.26	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	172957	98.32	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	617494	56.21	ng	-0.02
79) Terphenyl-d14	20.03	244	1049403	55.88	ng	-0.02

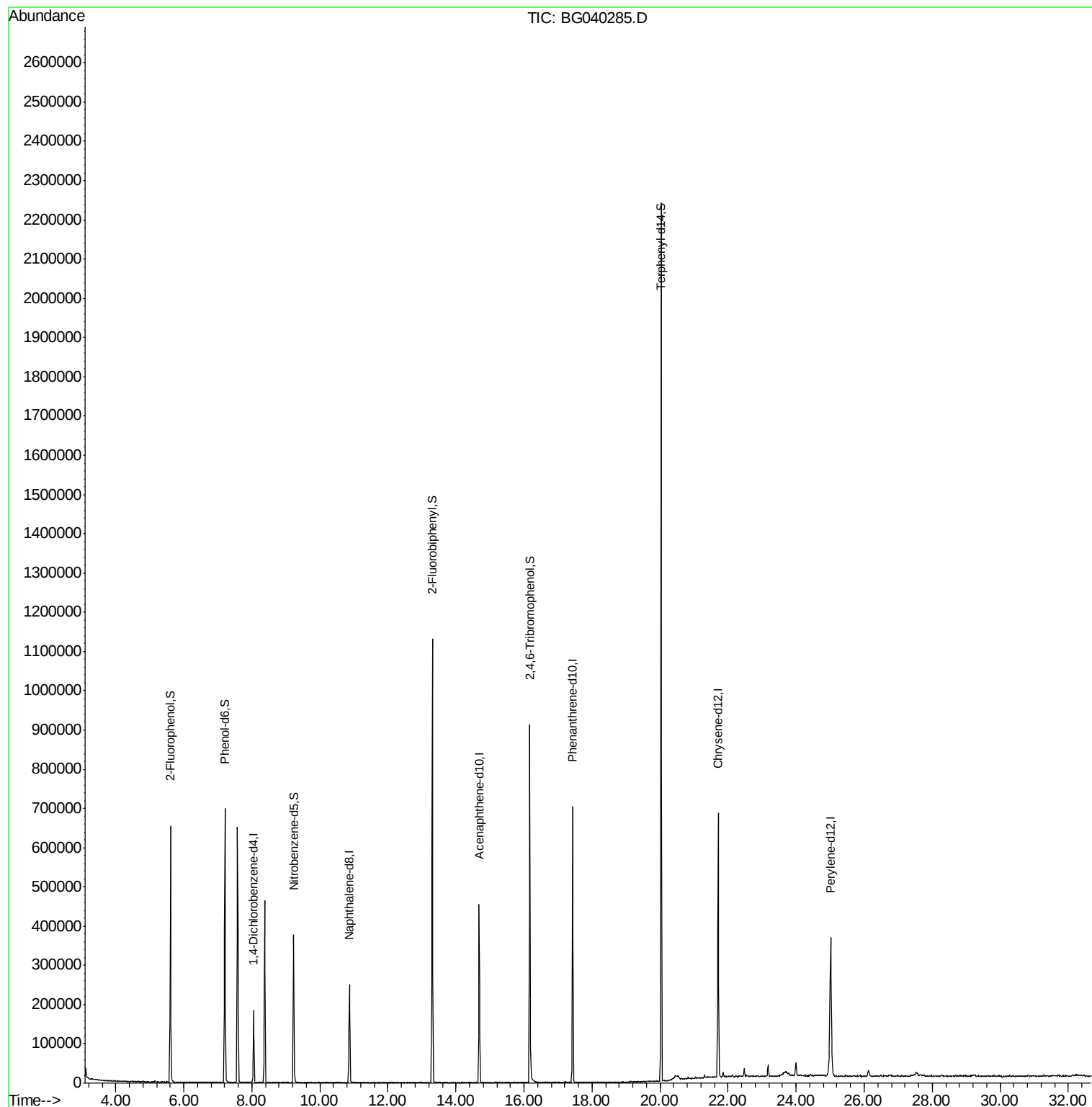
Target Compounds	Qvalue
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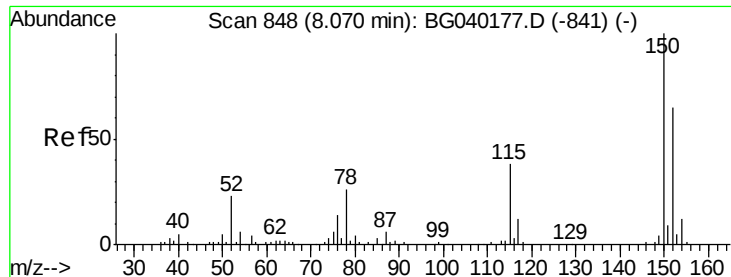
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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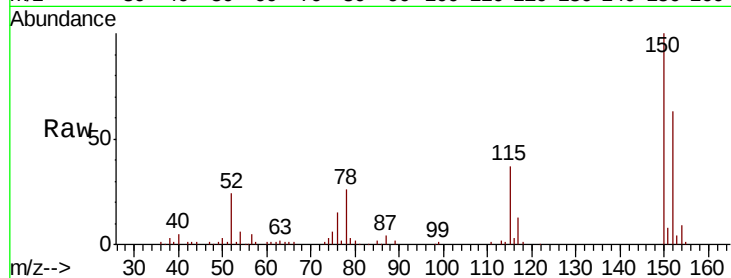


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040285.D
Acq: 2 Apr 2019 5:08

Instrument :
BNA_G
ClientSampleId :
PB118474BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.7	185.5
115	58.6	46.9	70.3

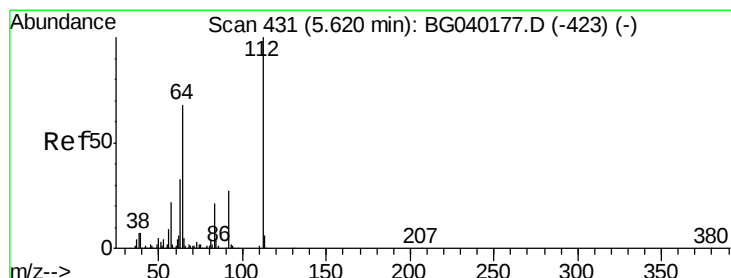
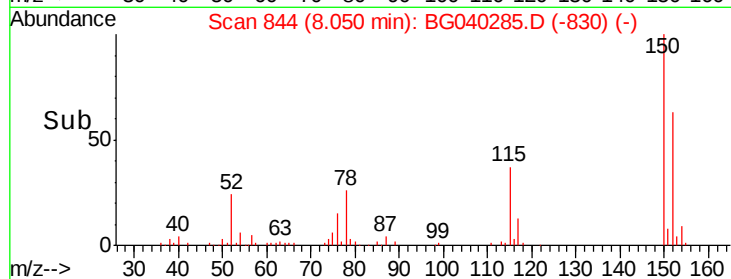
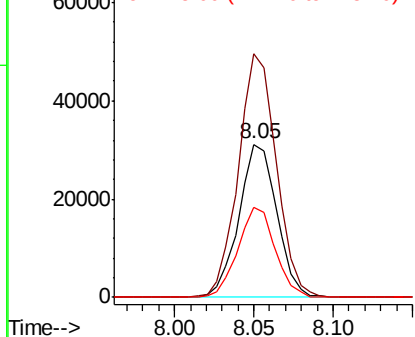


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

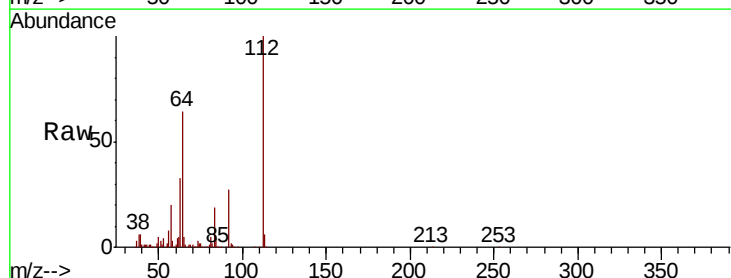
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.335 ng
RT: 5.61 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040285.D
Acq: 2 Apr 2019 5:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	54.2	81.2
63	33.0	26.4	39.6

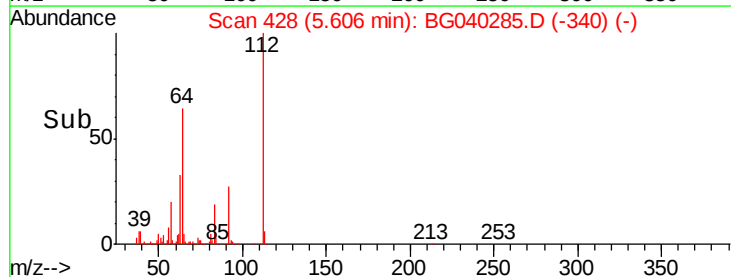
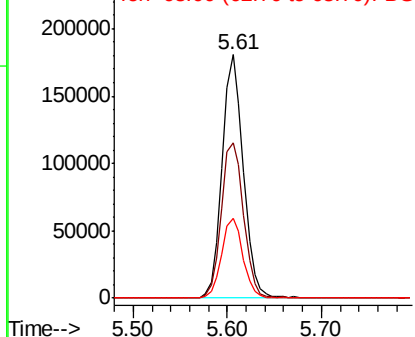


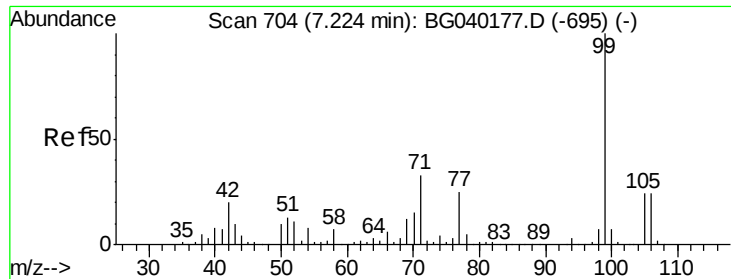
Abundance

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: 95.294 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040285.D

Acq: 2 Apr 2019 5:08

Instrument :

BNA_G

ClientSampleId :

PB118474BL

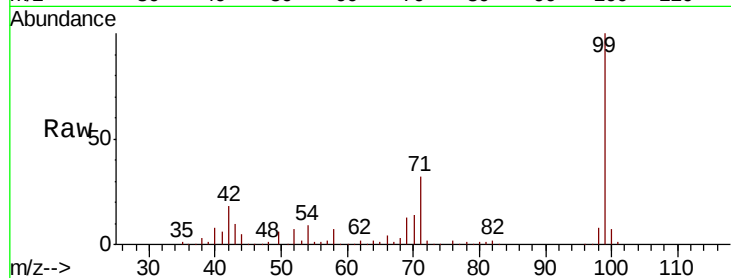
Tgt Ion: 99 Resp: 408818

Ion Ratio Lower Upper

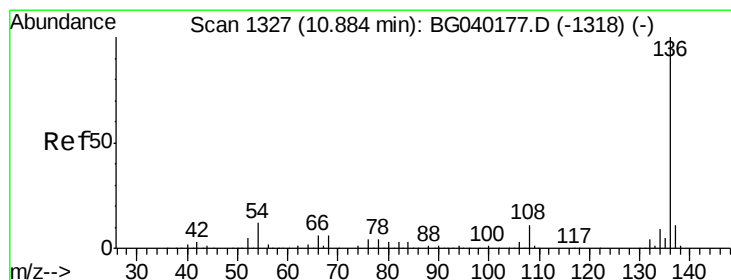
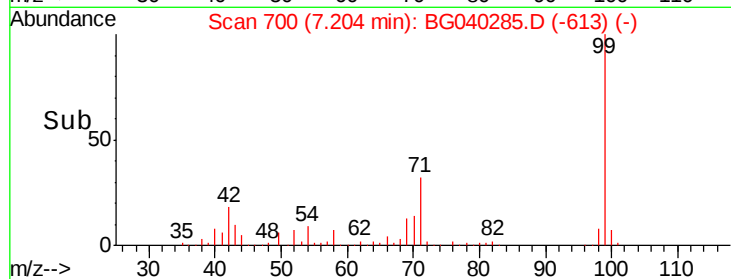
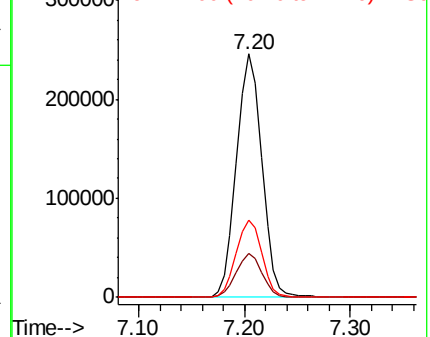
99 100

42 18.0 16.2 24.2

71 31.8 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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040285.D

Acq: 2 Apr 2019 5:08

Tgt Ion: 136 Resp: 222960

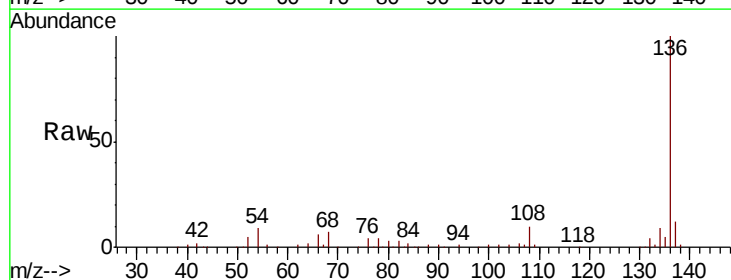
Ion Ratio Lower Upper

136 100

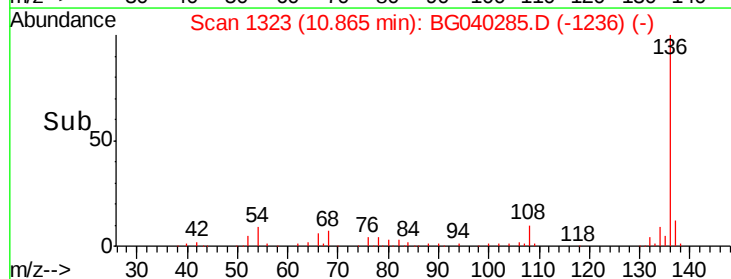
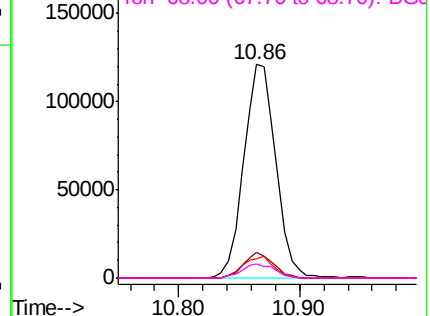
137 12.2 8.9 13.3

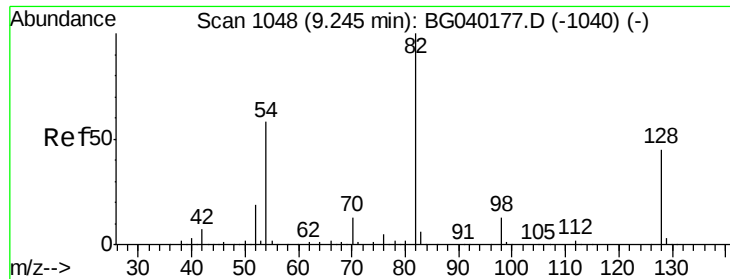
54 9.2 9.6 14.4#

68 6.6 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

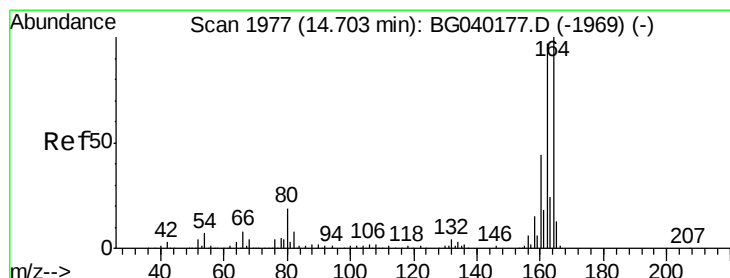
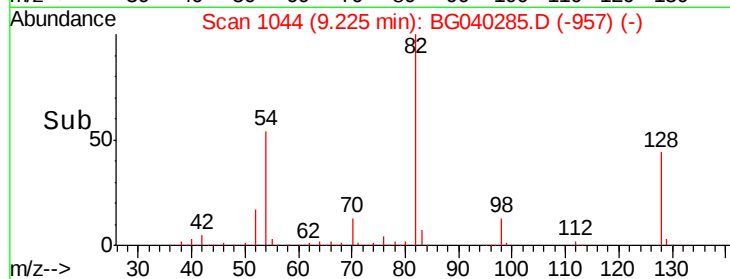
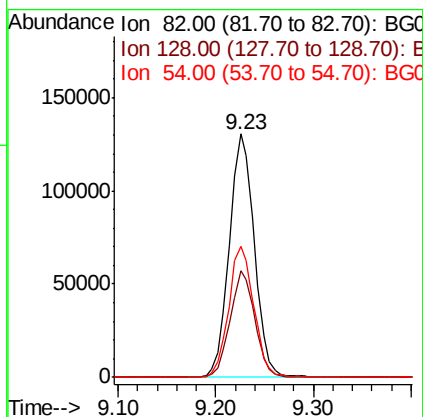
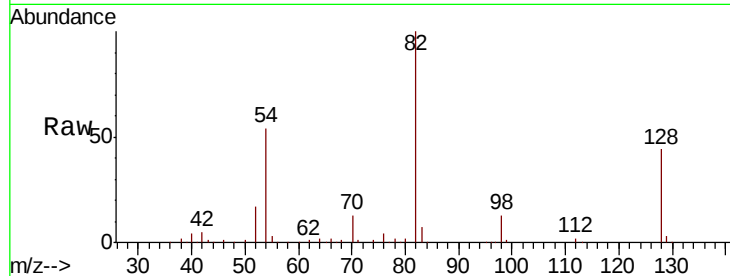




#23
 Nitrobenzene-d5
 Concen: 55.257 ng
 RT: 9.23 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040285.D
 Acq: 2 Apr 2019 5:08

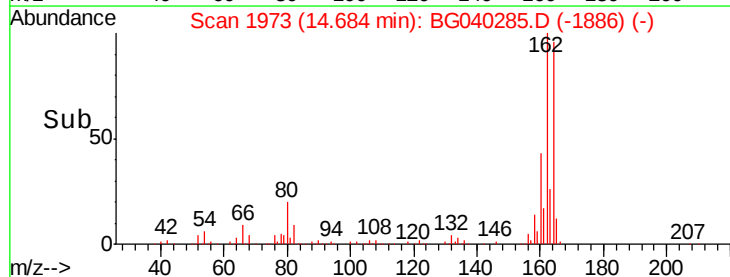
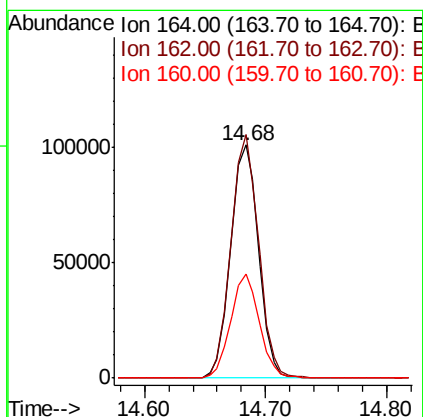
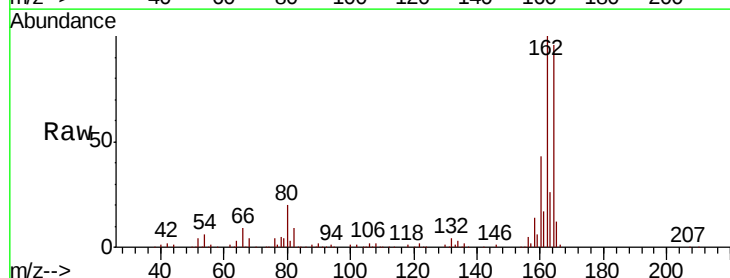
Instrument :
 BNA_G
 ClientSampleId :
 PB118474BL

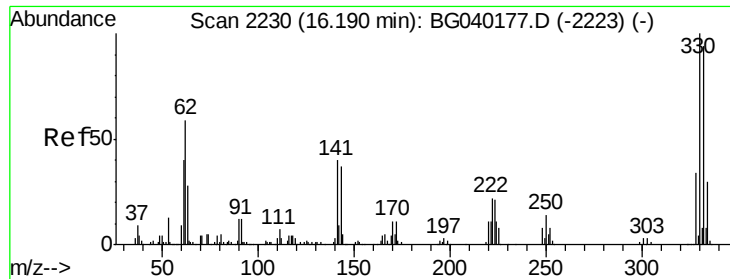
Tgt Ion: 82 Resp: 231784
 Ion Ratio Lower Upper
 82 100
 128 43.6 35.8 53.8
 54 53.7 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG040285.D
 Acq: 2 Apr 2019 5:08

Tgt Ion: 164 Resp: 162768
 Ion Ratio Lower Upper
 164 100
 162 104.4 77.4 116.2
 160 44.7 35.3 52.9

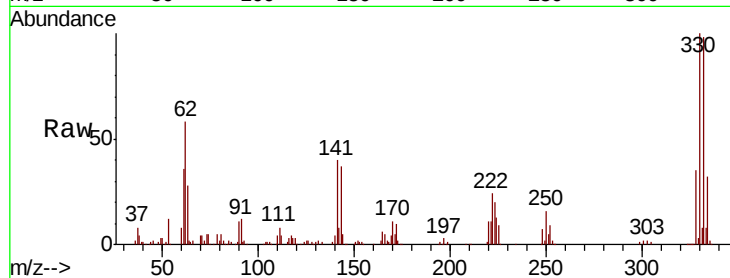




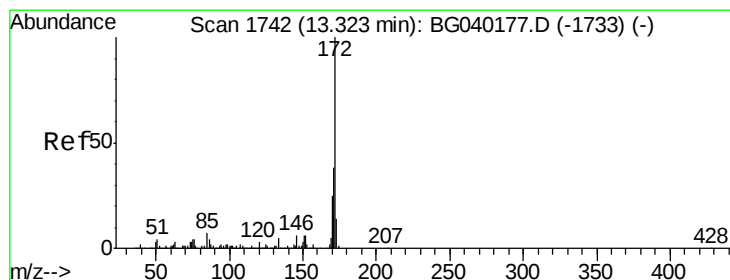
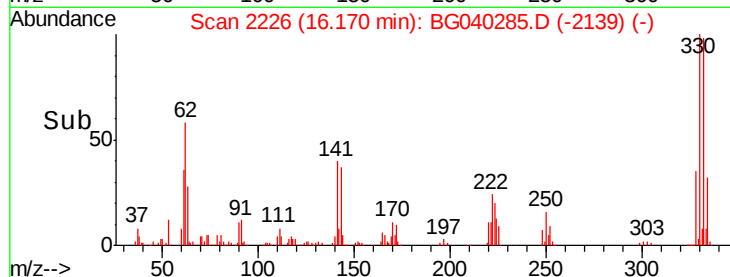
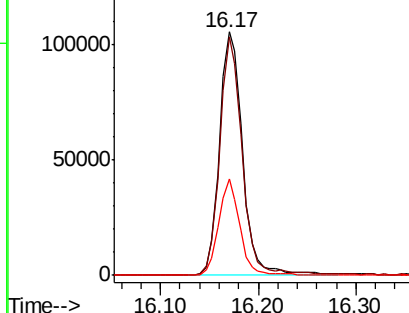
#42
 2,4,6-Tribromophenol
 Concen: 98.321 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040285.D
 Acq: 2 Apr 2019 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB118474BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	36.3	32.6	48.8

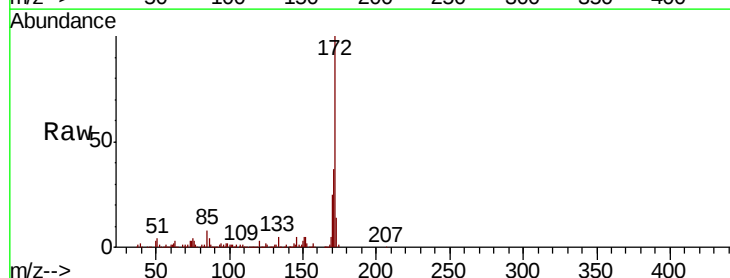


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

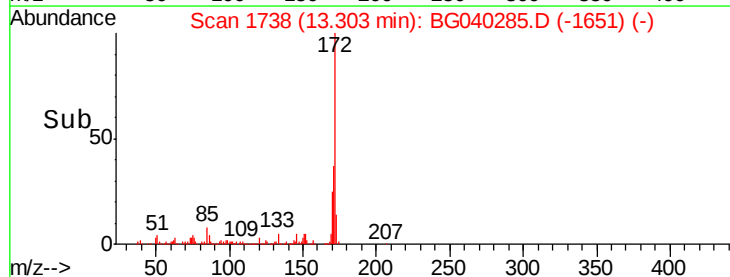
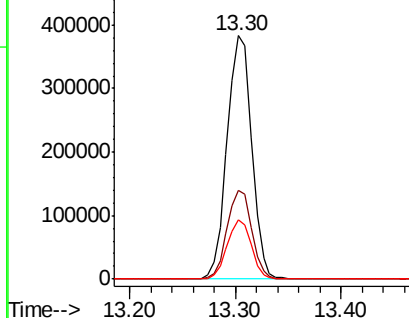


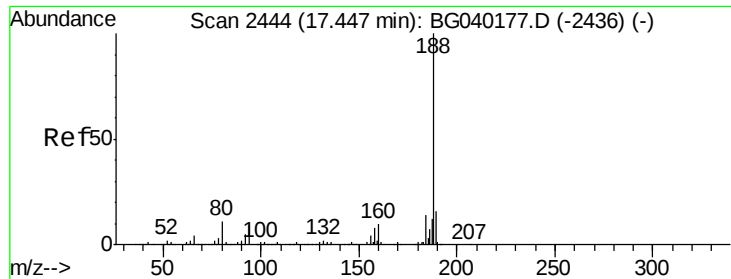
#45
 2-Fluorobiphenyl
 Concen: 56.214 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040285.D
 Acq: 2 Apr 2019 5:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	24.5	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: 17.43 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040285.D

Acq: 2 Apr 2019 5:08

Instrument :

BNA_G

ClientSampleId :

PB118474BL

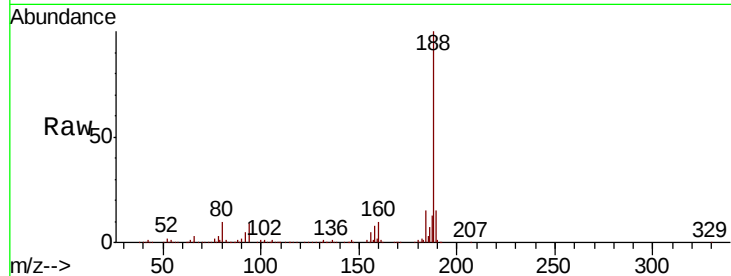
Tgt Ion:188 Resp: 422904

Ion Ratio Lower Upper

188 100

94 9.2 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): BGC

Ion 80.00 (79.70 to 80.70): BGC

300000

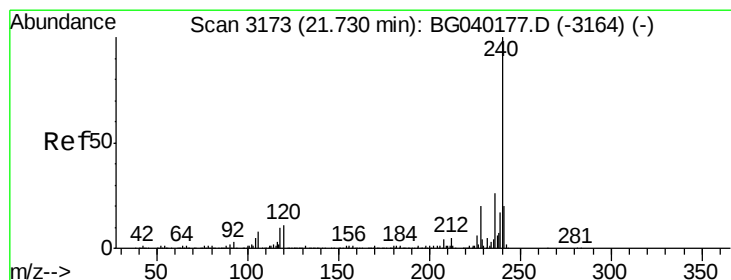
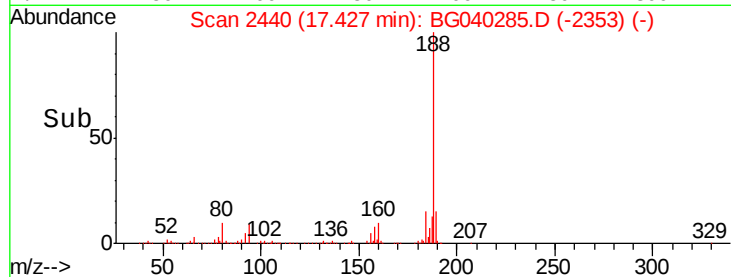
17.43

200000

100000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.03 min

Lab File: BG040285.D

Acq: 2 Apr 2019 5:08

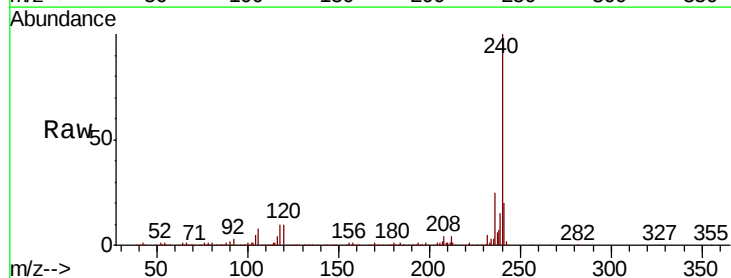
Tgt Ion:240 Resp: 422495

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

236 25.3 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

300000

21.70

250000

200000

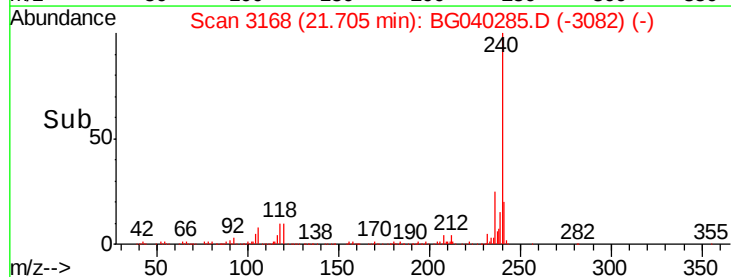
150000

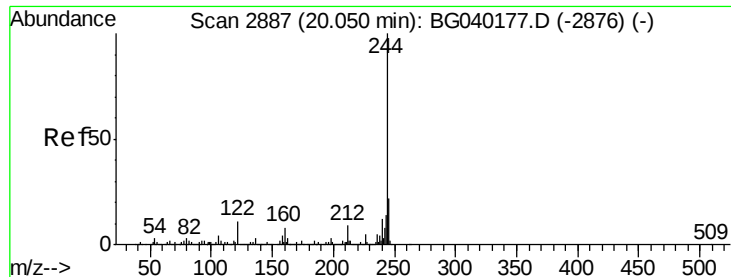
100000

50000

0

Time-->





#79

Terphenyl-d14

Concen: 55.877 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040285.D

Acq: 2 Apr 2019 5:08

Instrument :

BNA_G

ClientSampleId :

PB118474BL

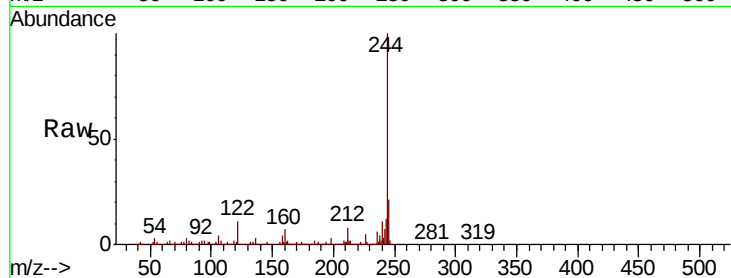
Tgt Ion:244 Resp: 1049403

Ion Ratio Lower Upper

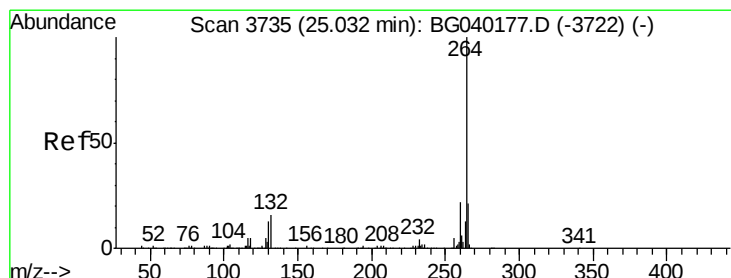
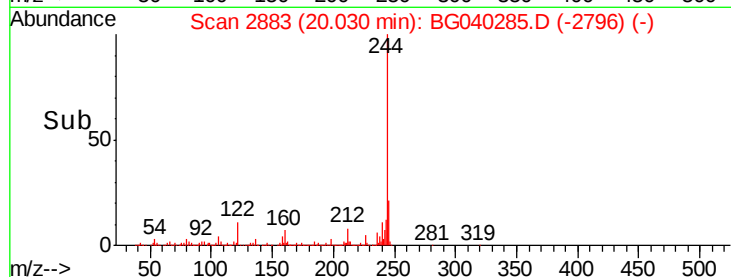
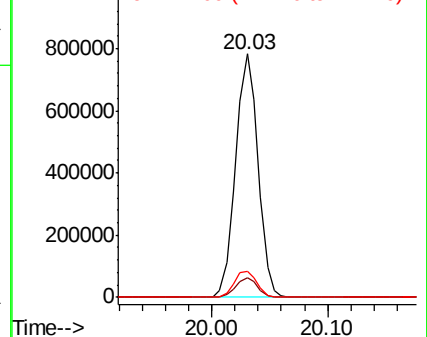
244 100

212 7.9 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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.02 min

Lab File: BG040285.D

Acq: 2 Apr 2019 5:08

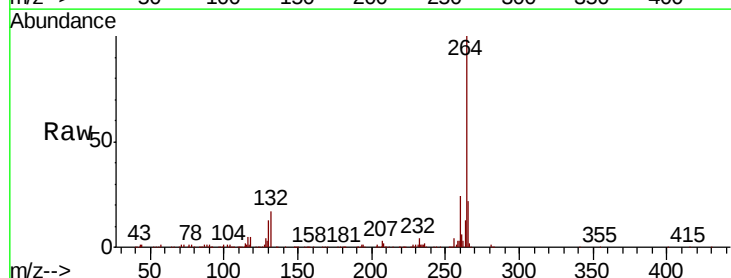
Tgt Ion:264 Resp: 416075

Ion Ratio Lower Upper

264 100

260 23.5 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

