

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040084.D
 Acq On : 22 Mar 2019 15:34
 Operator : JU/SJ
 Sample : K2040-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4B(12-20)

Quant Time: Mar 23 02:17:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

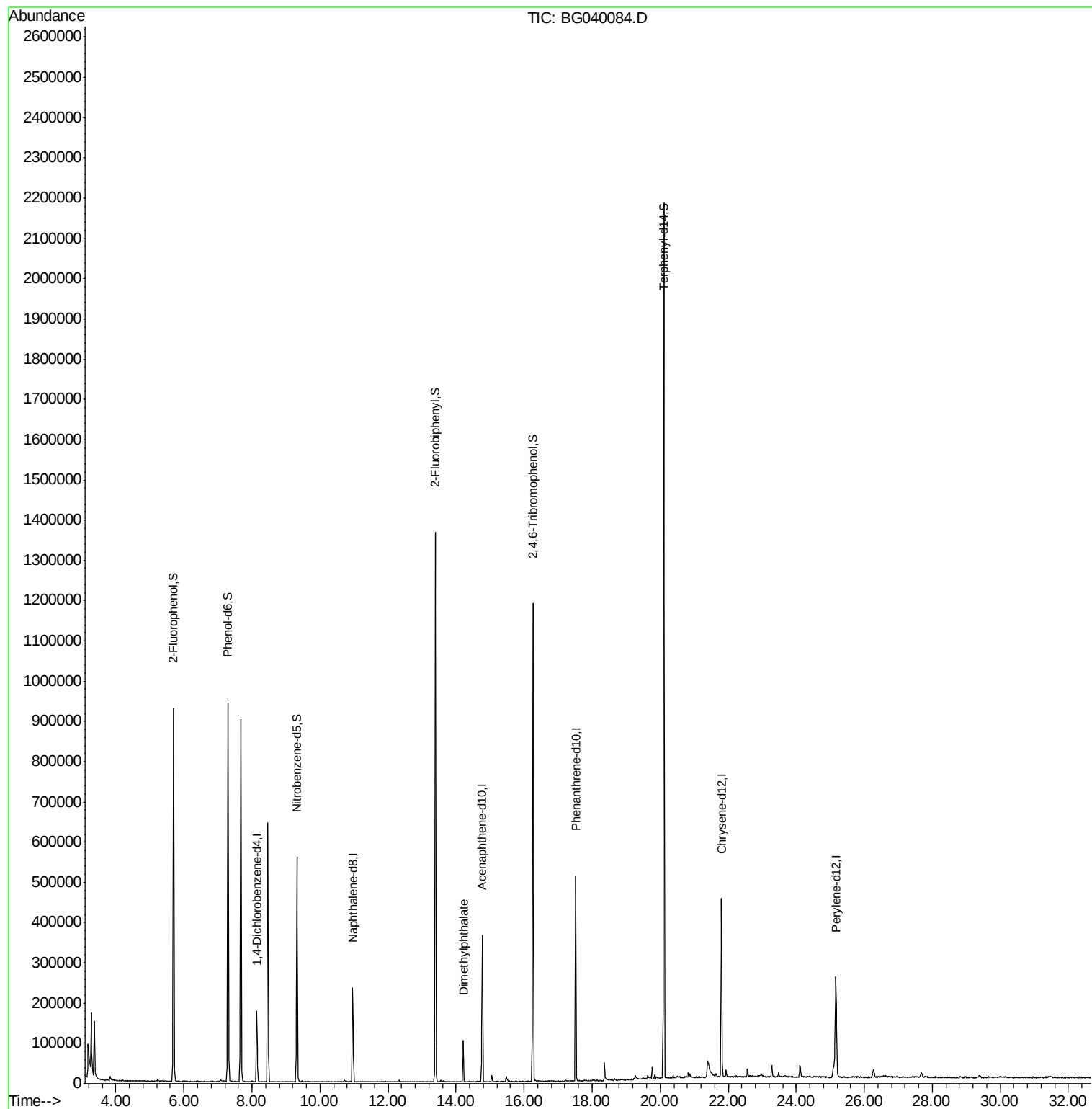
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	51317	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	203269	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	131296	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	315973	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	283724	20.00	ng	-0.02
87) Perylene-d12	25.16	264	285641	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	399706	132.88	ng	-0.01
7) Phenol-d6	7.29	99	557155	124.22	ng	-0.02
23) Nitrobenzene-d5	9.32	82	336150	89.44	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	210933	137.83	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	708908	76.88	ng	-0.02
79) Terphenyl-d14	20.11	244	1002300	77.78	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.21	163	73440	6.689	ng	Qvalue 97

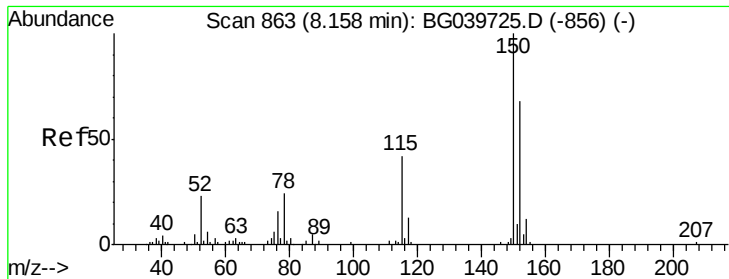
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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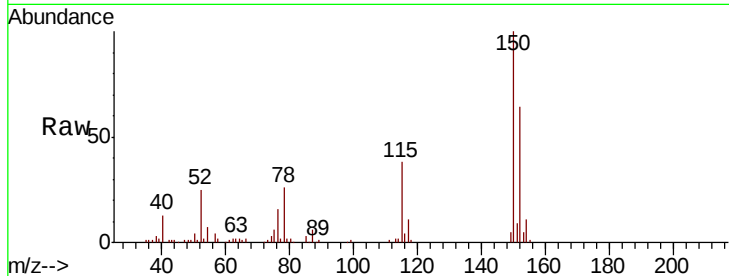


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040084.D
Acq: 22 Mar 2019 15:34

Instrument :
BNA_G
ClientSampleId :
S4B(12-20)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.7	185.5
115	58.8	45.9	68.9

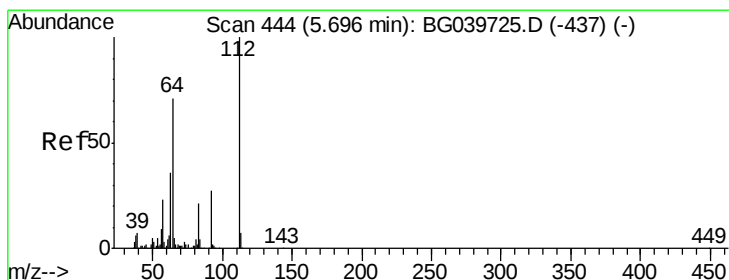
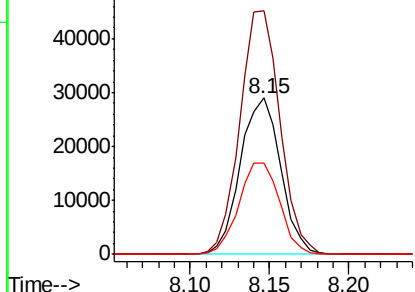
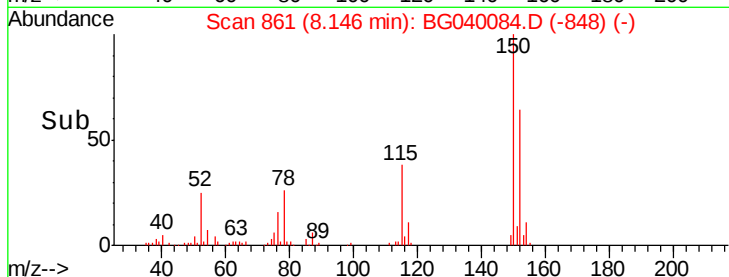


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

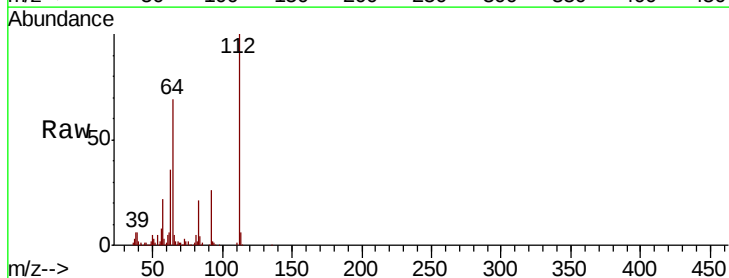
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.880 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG040084.D
Acq: 22 Mar 2019 15:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	57.8	86.8
63	35.6	29.8	44.6

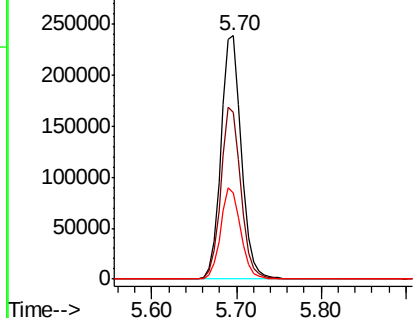
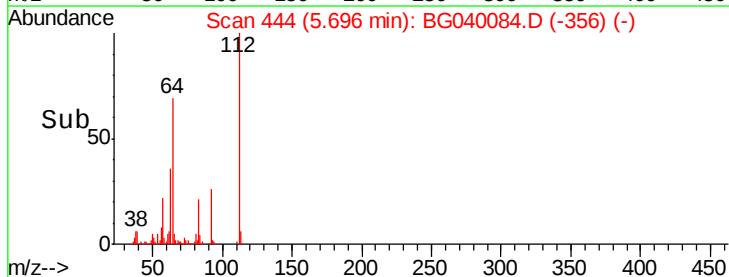


Abundance

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





#7

Phenol-d6

Concen: 124.223 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040084.D

Acq: 22 Mar 2019 15:34

Instrument :

BNA_G

ClientSampleId :

S4B(12-20)

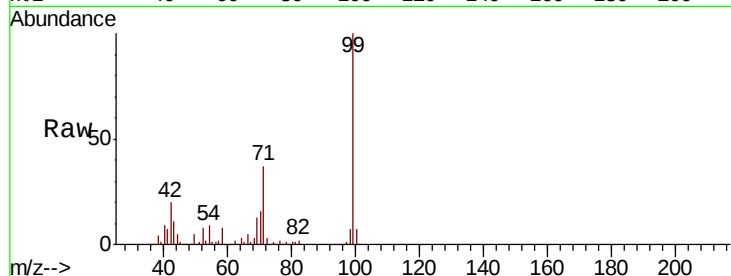
Tot Ion: 99 Resp: 557155

Ion Ratio Lower Upper

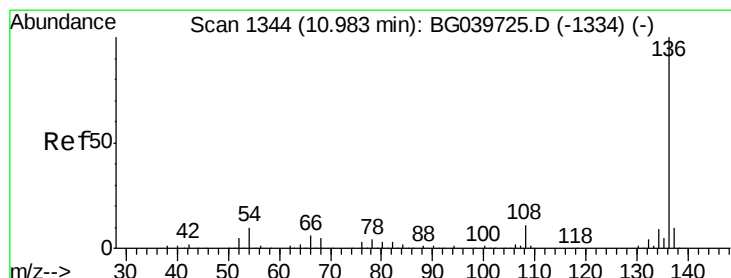
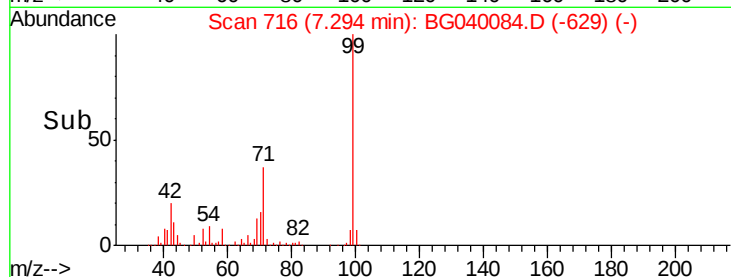
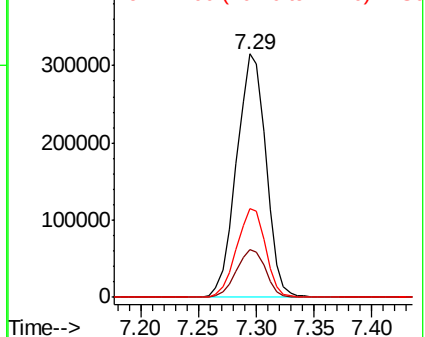
99 100

42 19.5 18.2 27.2

71 36.6 28.0 42.0



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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040084.D

Acq: 22 Mar 2019 15:34

Tgt Ion: 136 Resp: 203269

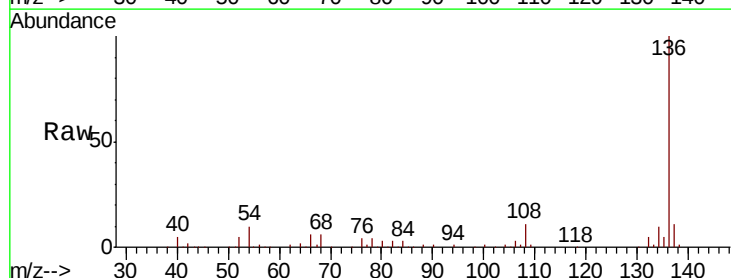
Ion Ratio Lower Upper

136 100

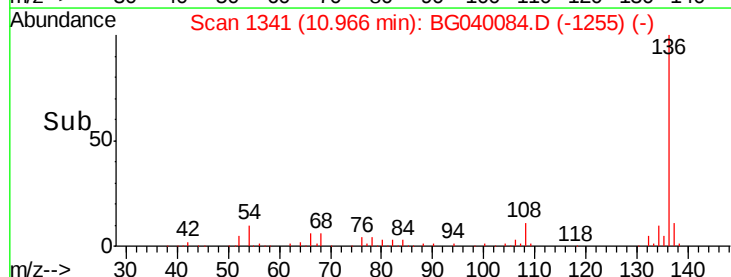
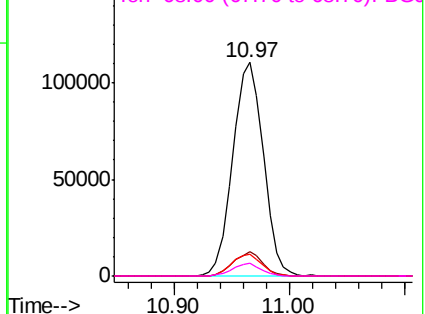
137 11.1 9.1 13.7

54 10.3 9.4 14.2

68 5.9 4.2 6.4



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

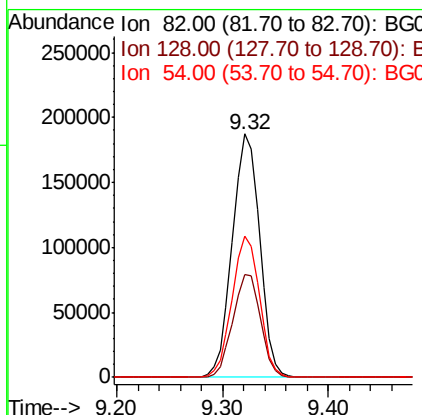
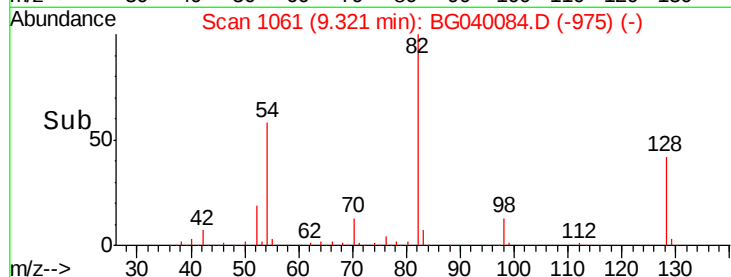
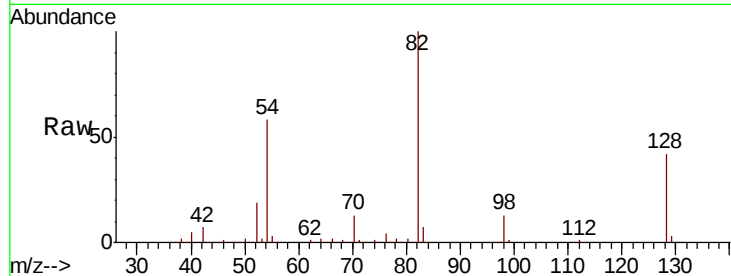




#23
 Nitrobenzene-d5
 Concen: 89.440 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040084.D
 Acq: 22 Mar 2019 15:34

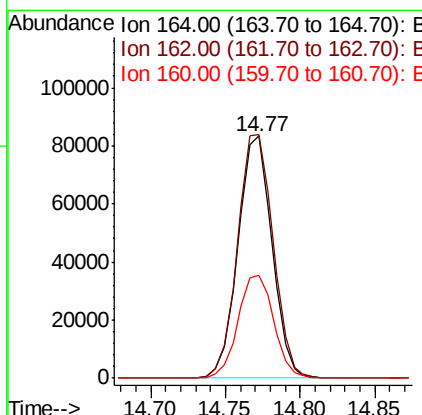
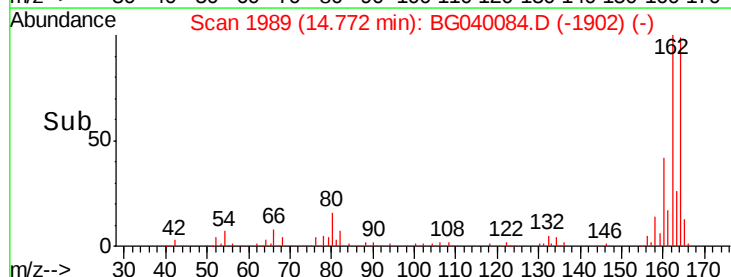
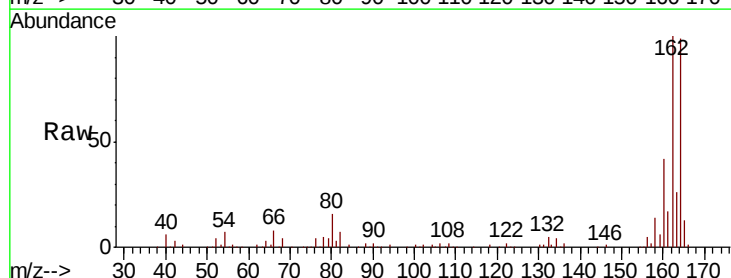
Instrument :
 BNA_G
 ClientSampleId :
 S4B(12-20)

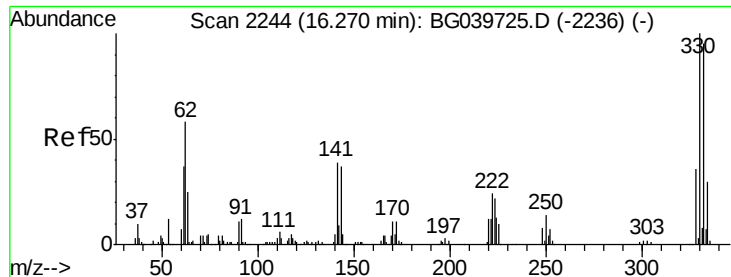
Tot Ion: 82 Resp: 336150
 Ion Ratio Lower Upper
 82 100
 128 42.4 31.3 46.9
 54 58.0 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG040084.D
 Acq: 22 Mar 2019 15:34

Tgt Ion:164 Resp: 131296
 Ion Ratio Lower Upper
 164 100
 162 100.7 81.6 122.4
 160 42.7 34.2 51.2

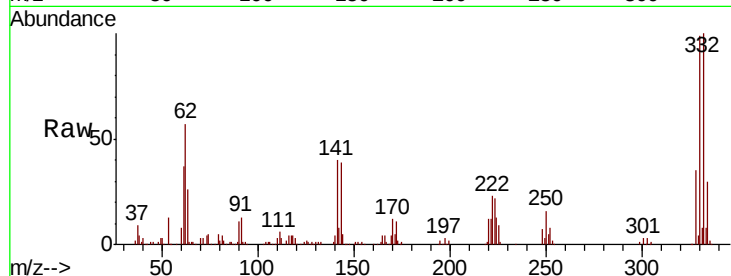




#42
 2,4,6-Tribromophenol
 Concen: 137.833 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040084.D
 Acq: 22 Mar 2019 15:34

Instrument :
 BNA_G
 ClientSampleId :
 S4B(12-20)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	75.7	113.5
141	40.8	35.6	53.4

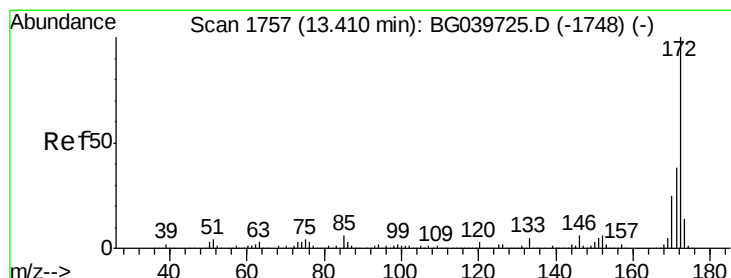
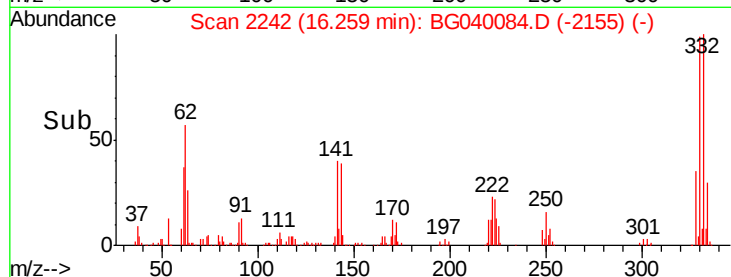
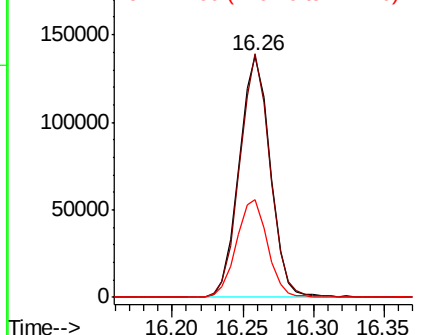


Abundance

Ion 329.80 (329.50 to 330.50): E

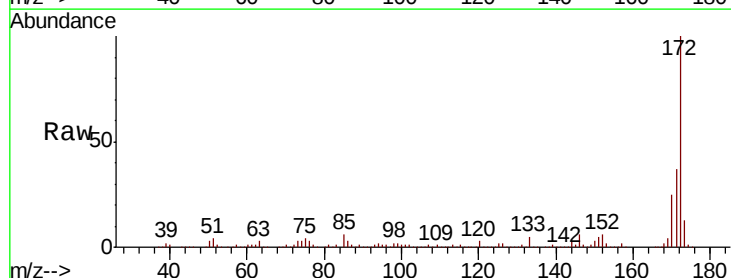
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.877 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040084.D
 Acq: 22 Mar 2019 15:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.8	46.2
170	24.6	20.2	30.4

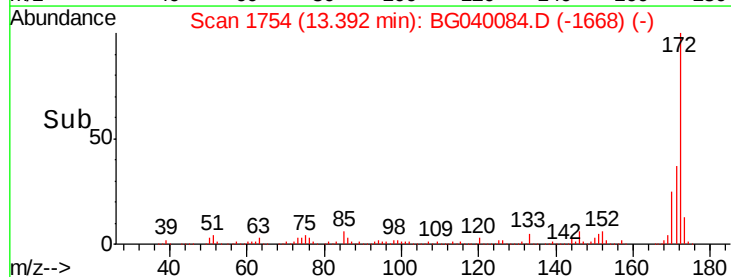
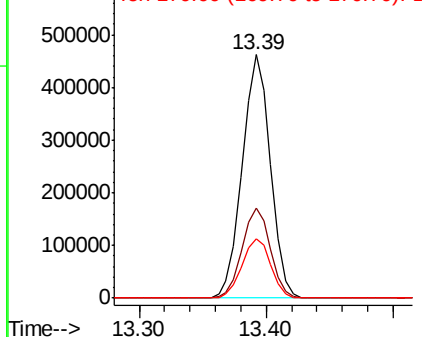


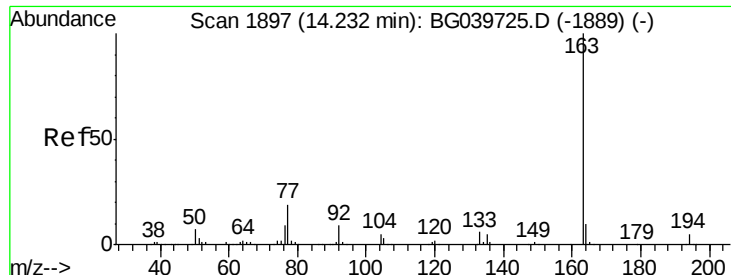
Abundance

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: 6.689 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040084.D

Acq: 22 Mar 2019 15:34

Instrument :

BNA_G

ClientSampleId :

S4B(12-20)

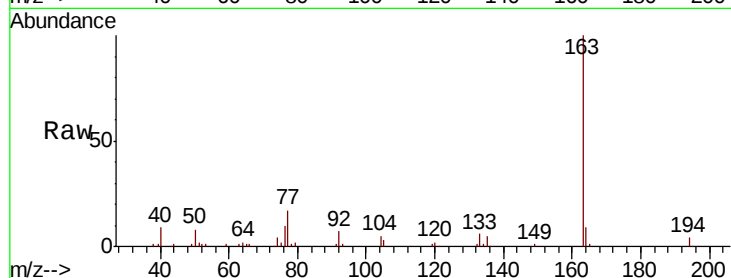
Tot Ion:163 Resp: 73440

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

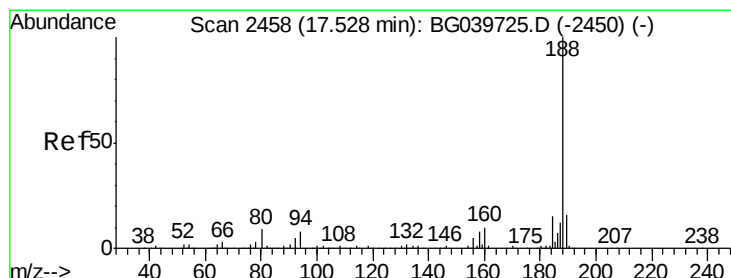
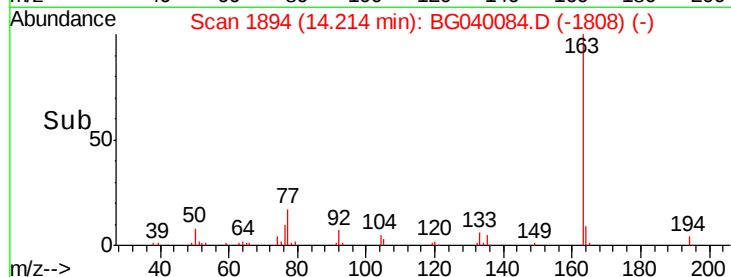
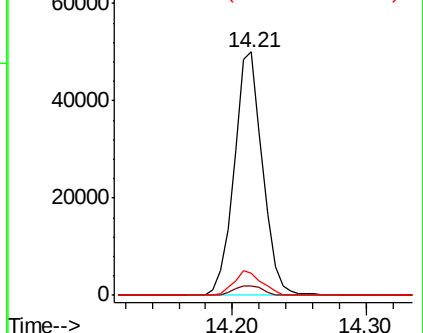
164 9.0 8.4 12.6



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: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040084.D

Acq: 22 Mar 2019 15:34

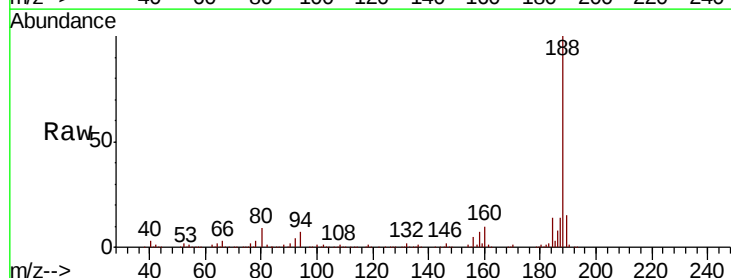
Tgt Ion:188 Resp: 315973

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

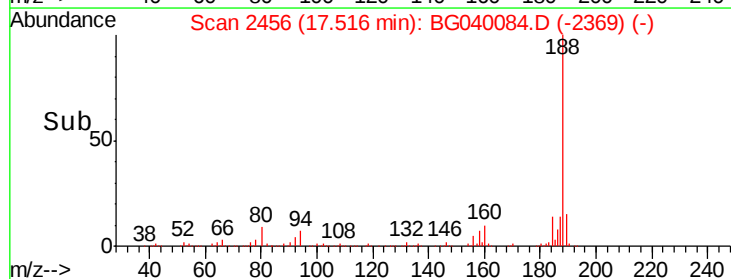
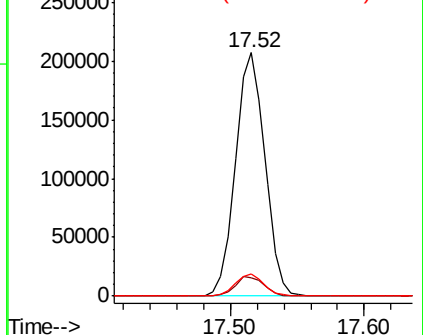
80 9.1 8.1 12.1

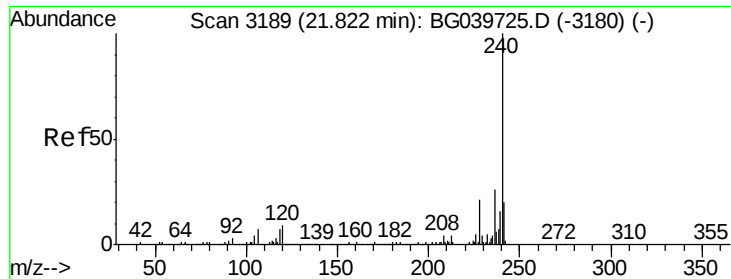


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

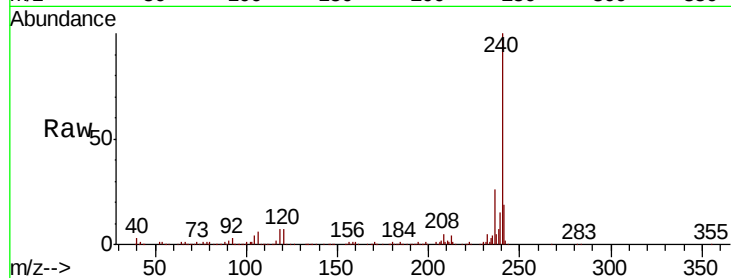




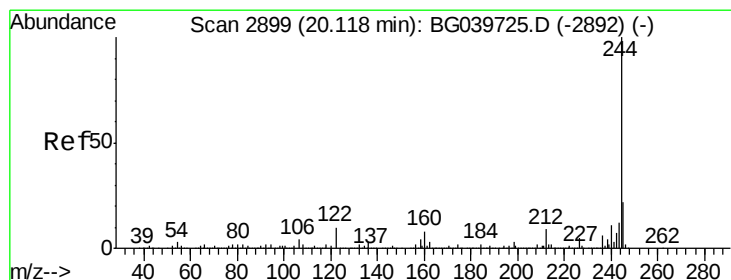
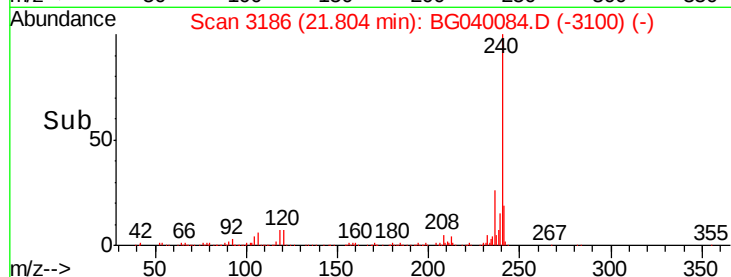
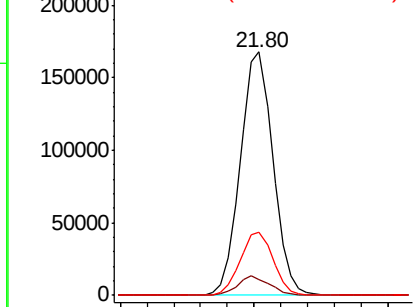
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG040084.D
Acq: 22 Mar 2019 15:34

Instrument :
BNA_G
ClientSampleId :
S4B(12-20)

Tot Ion:240 Resp: 283724
Ion Ratio Lower Upper
240 100
120 6.7 7.0 10.6#
236 25.7 21.0 31.4

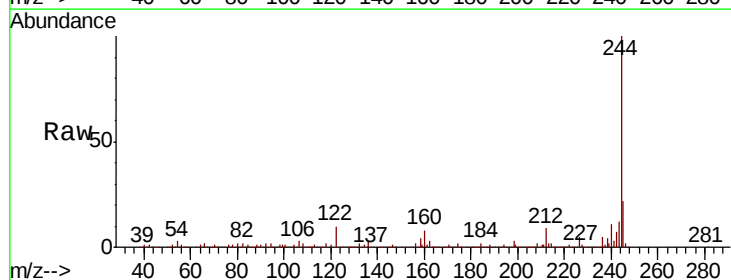


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

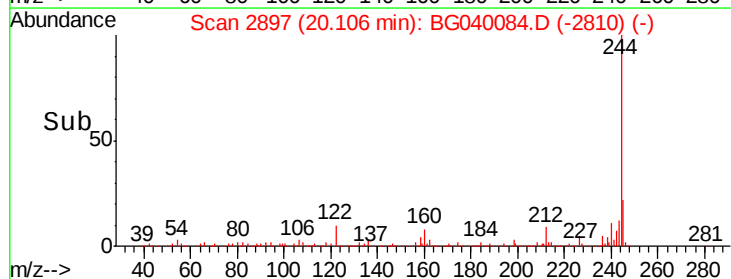
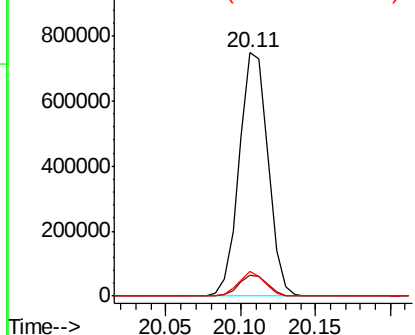


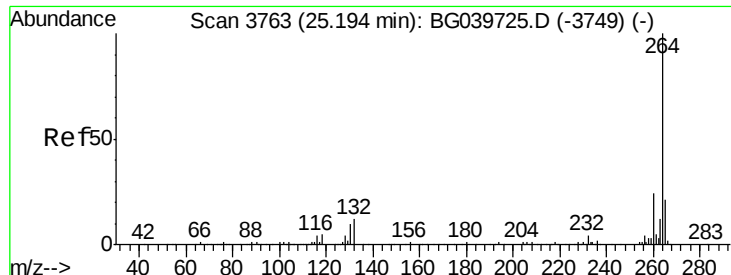
#79
Terphenyl-d14
Concen: 77.782 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040084.D
Acq: 22 Mar 2019 15:34

Tgt Ion:244 Resp: 1002300
Ion Ratio Lower Upper
244 100
212 8.7 7.3 10.9
122 9.9 8.4 12.6



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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.16 min Scan# 3758
 Delta R.T. -0.04 min
 Lab File: BG040084.D
 Acq: 22 Mar 2019 15:34

Instrument :
 BNA_G
 ClientSampleId :
 S4B(12-20)

Tot Ion:	264	Resp:	285641
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	20.8	18.5	27.7

