

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
 Data File : BG040727.D
 Acq On : 3 May 2019 16:36
 Operator : JU/SJ
 Sample : PB119443BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119443BL

Quant Time: May 04 07:03:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	35833	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	143406	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	107354	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	320968	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	338299	20.00	ng	-0.02
87) Perylene-d12	25.16	264	321694	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	287513	141.44	ng	-0.01
7) Phenol-d6	7.28	99	419454	134.02	ng	-0.01
23) Nitrobenzene-d5	9.32	82	293104	94.44	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	237370	160.86	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	662584	89.14	ng	-0.02
79) Terphenyl-d14	20.12	244	1481305	97.01	ng	-0.02

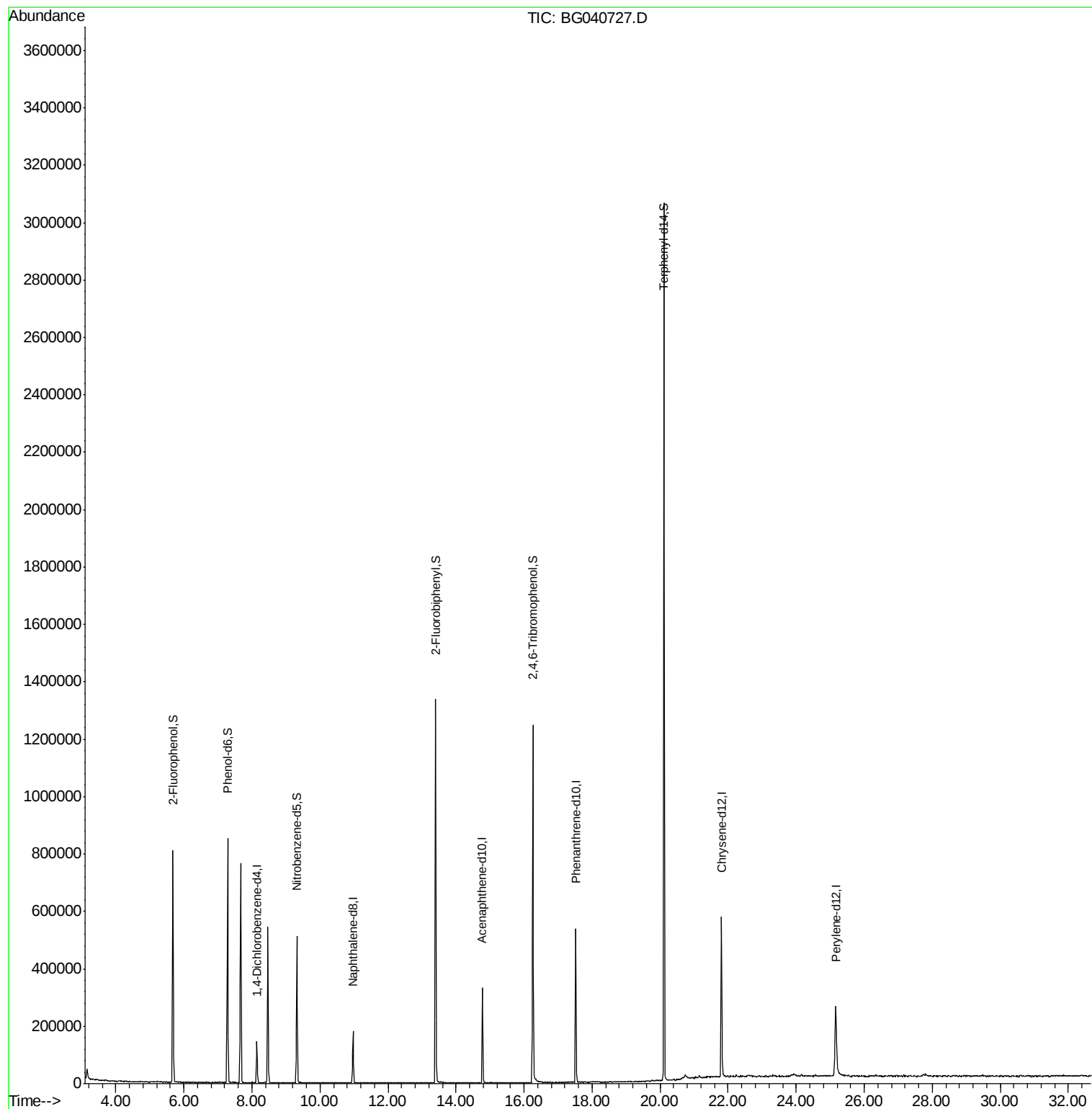
Target Compounds Qvalue

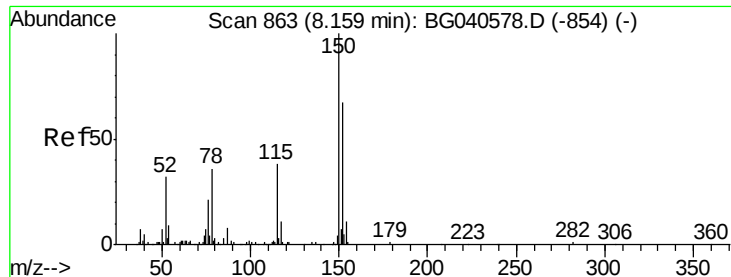
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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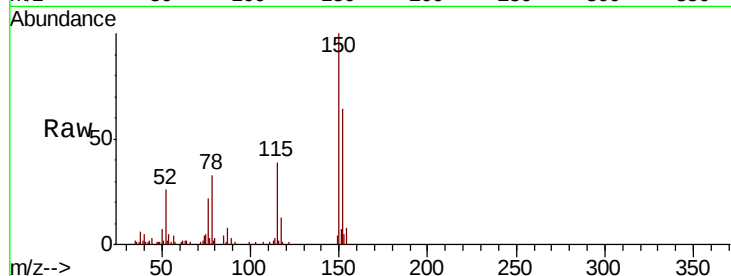


#1

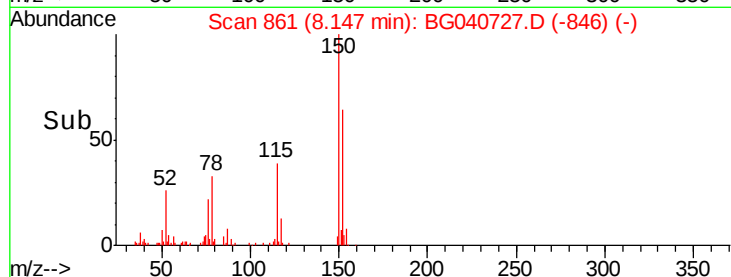
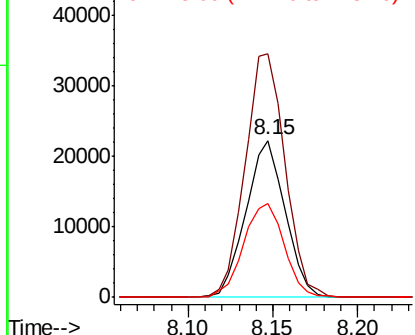
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040727.D
Acq: 3 May 2019 16:36

Instrument :
BNA_G
ClientSampleId :
PB119443BL

Tot Ion:152 Resp: 35833
Ion Ratio Lower Upper
152 100
150 155.1 120.2 180.2
115 60.0 46.2 69.2



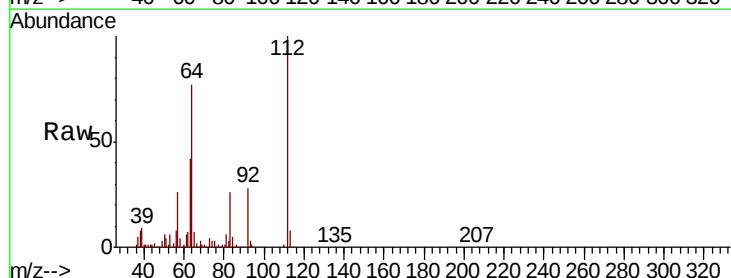
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



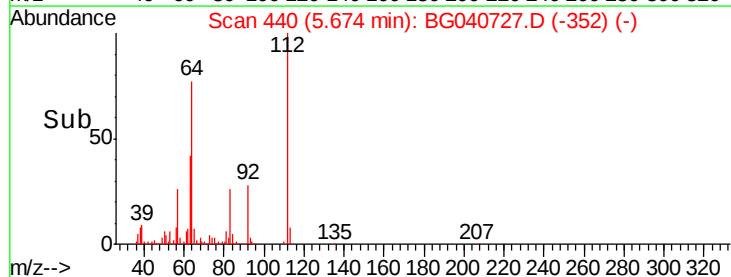
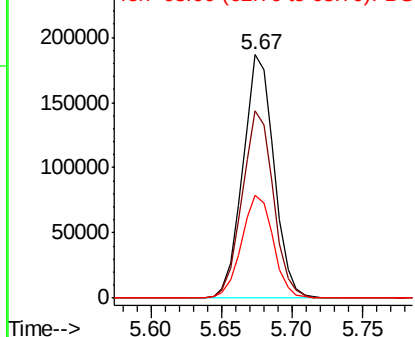
#5

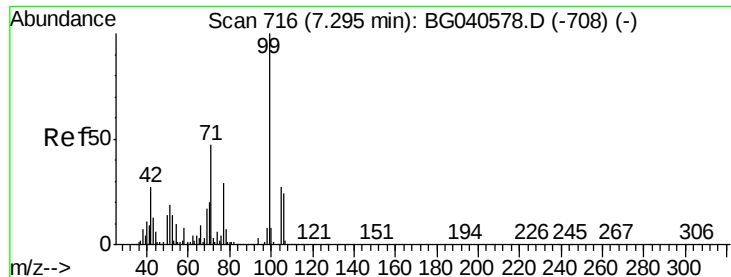
2-Fluorophenol
Concen: 141.439 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040727.D
Acq: 3 May 2019 16:36

Tgt Ion:112 Resp: 287513
Ion Ratio Lower Upper
112 100
64 76.8 61.4 92.0
63 42.3 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 134.015 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040727.D

Acq: 3 May 2019 16:36

Instrument :

BNA_G

ClientSampleId :

PB119443BL

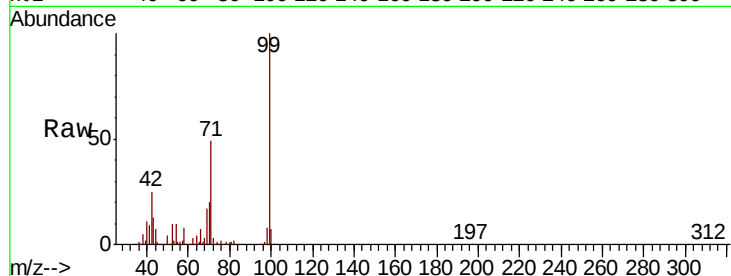
Tot Ion: 99 Resp: 419454

Ion Ratio Lower Upper

99 100

42 24.7 21.8 32.8

71 48.9 38.6 57.8

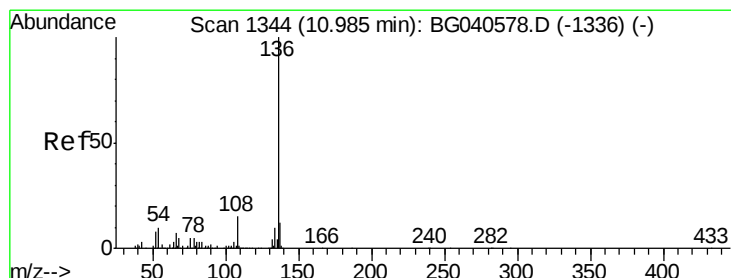
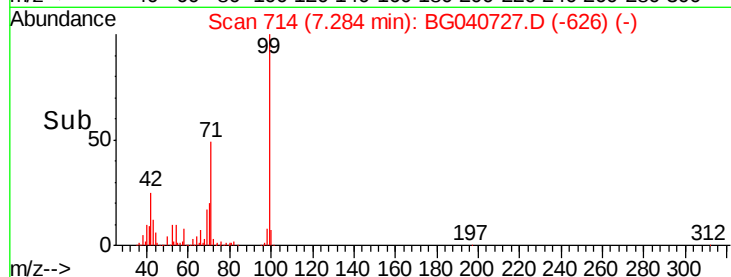
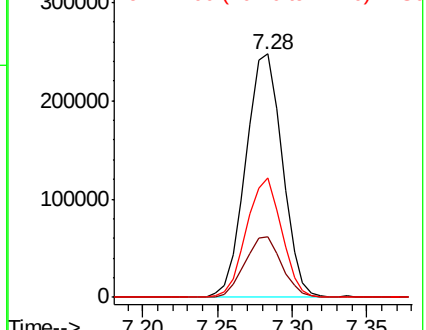


Abundance

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: BG040727.D

Acq: 3 May 2019 16:36

Tgt Ion: 136 Resp: 143406

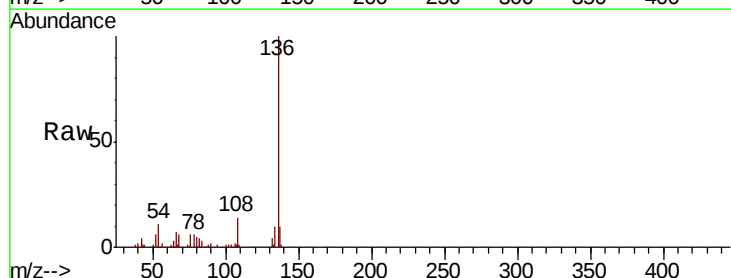
Ion Ratio Lower Upper

136 100

137 10.1 9.7 14.5

54 10.9 8.6 12.8

68 5.8 4.8 7.2



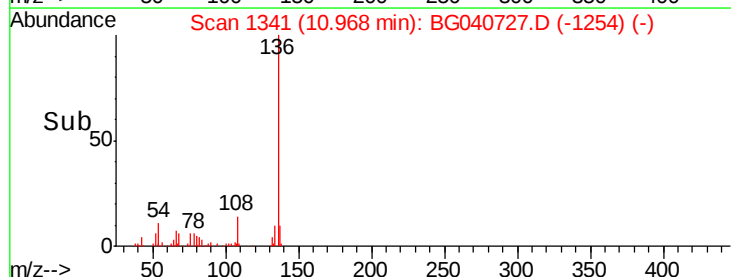
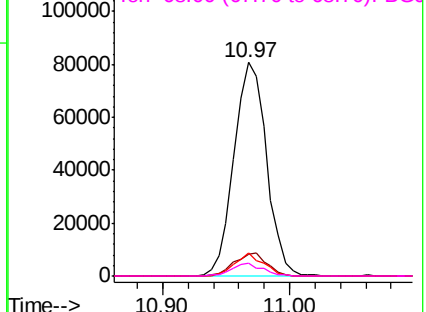
Abundance

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

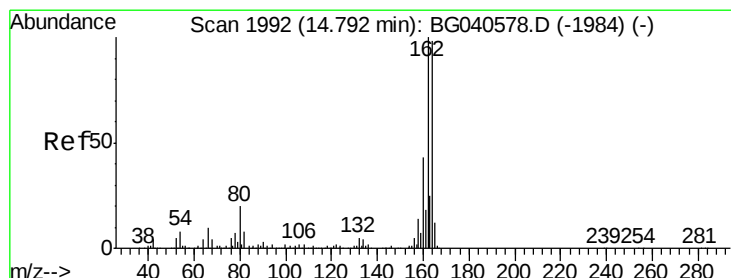
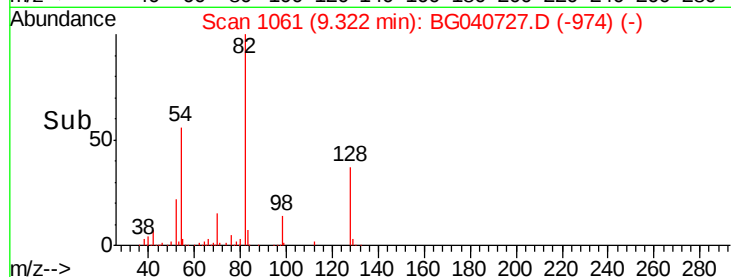
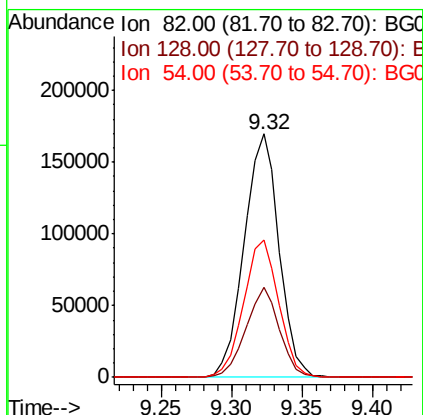
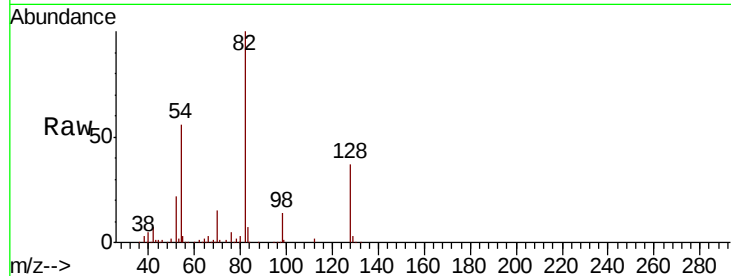




#23
 Nitrobenzene-d5
 Concen: 94.440 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040727.D
 Acq: 3 May 2019 16:36

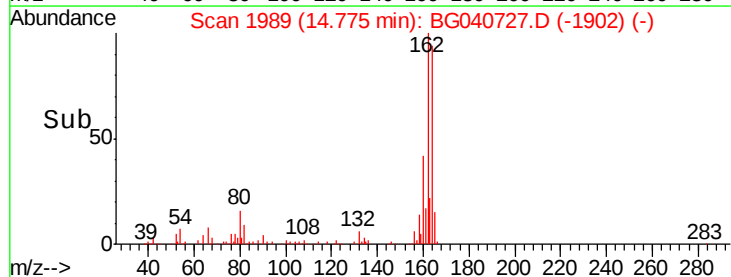
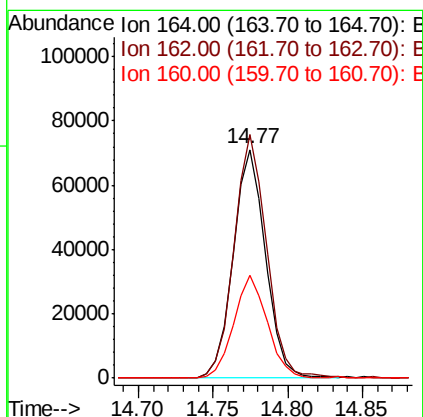
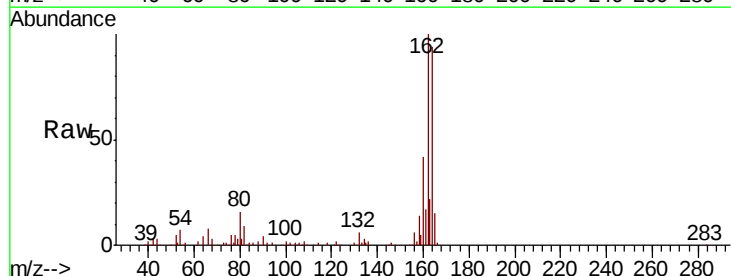
Instrument :
 BNA_G
 ClientSampleId :
 PB119443BL

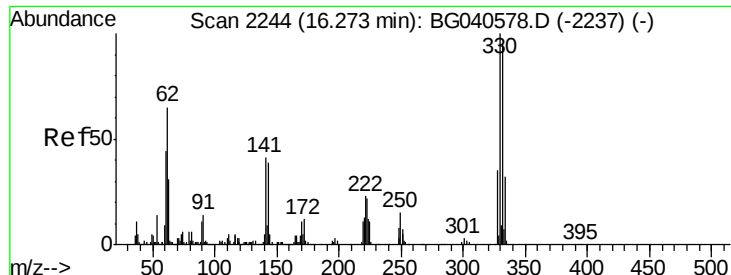
Tot Ion	82	Resp	293104
Ion Ratio	100	Lower	Upper
128	37.1	28.9	43.3
54	56.2	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG040727.D
 Acq: 3 May 2019 16:36

Tgt Ion	164	Resp	107354
Ion Ratio	100	Lower	Upper
162	106.5	81.9	122.9
160	44.9	35.4	53.2

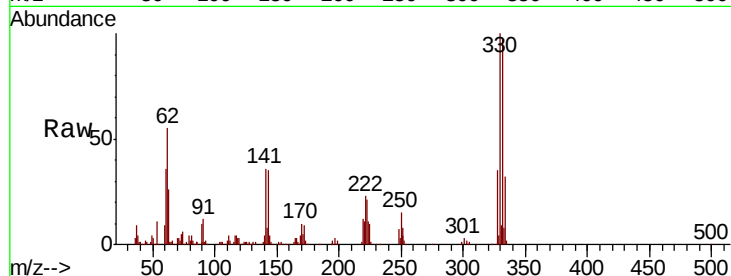




#42
 2,4,6-Tribromophenol
 Concen: 160.863 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BG040727.D
 Acq: 3 May 2019 16:36

Instrument :
 BNA_G
 ClientSampleId :
 PB119443BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.9	113.9
141	37.9	32.4	48.6

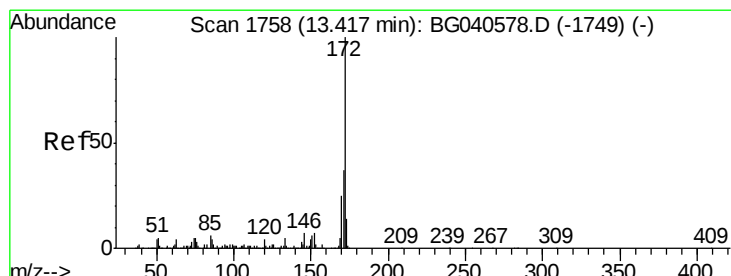
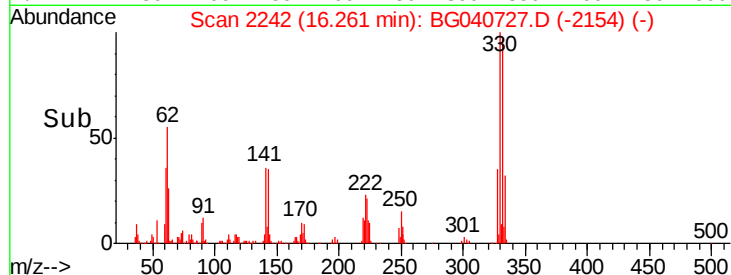
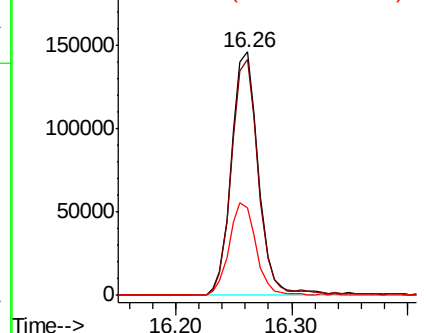


Abundance

Ion 329.80 (329.50 to 330.50): E

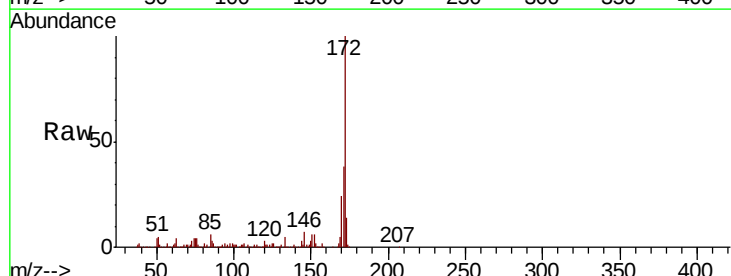
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.135 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040727.D
 Acq: 3 May 2019 16:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.4	44.2
170	24.4	19.9	29.9

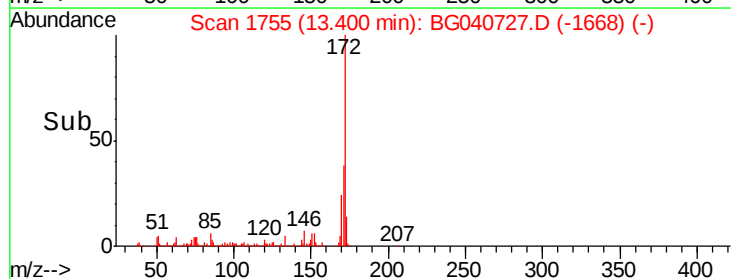
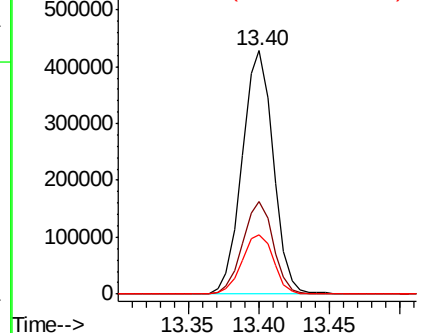


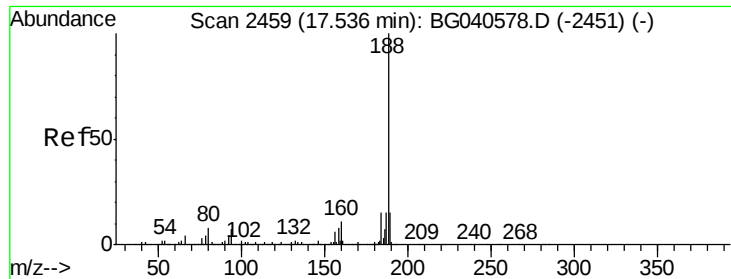
Abundance

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: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040727.D

Acq: 3 May 2019 16:36

Instrument :

BNA_G

ClientSampleId :

PB119443BL

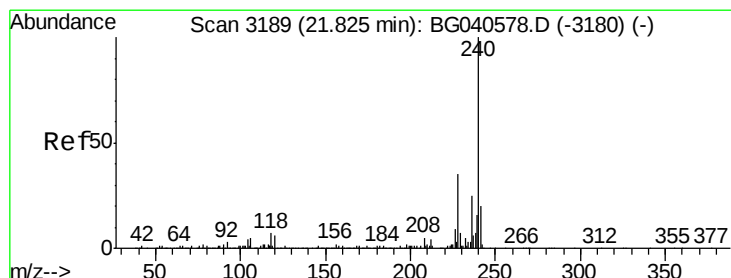
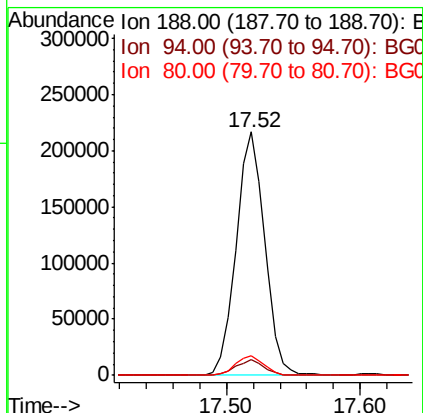
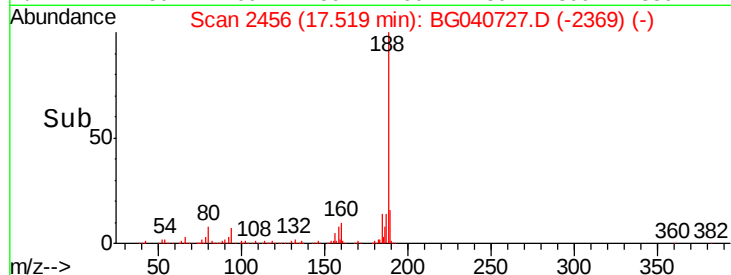
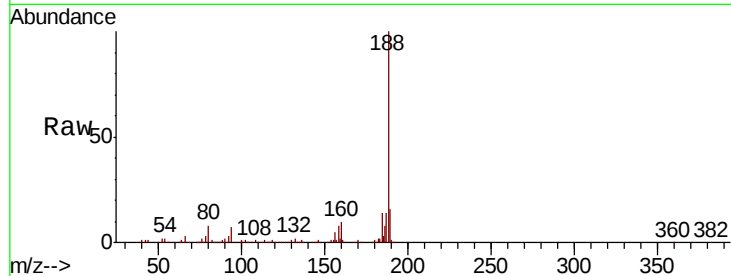
Tot Ion:188 Resp: 320968

Ion Ratio Lower Upper

188 100

94 6.7 5.6 8.4

80 8.0 6.4 9.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.02 min

Lab File: BG040727.D

Acq: 3 May 2019 16:36

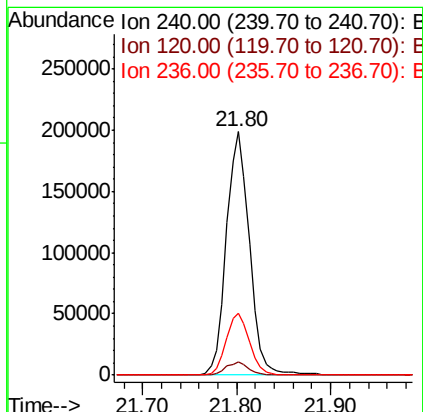
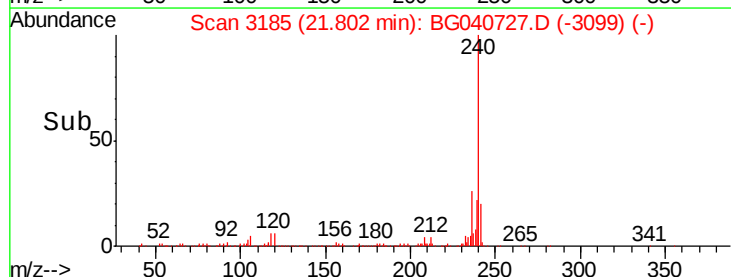
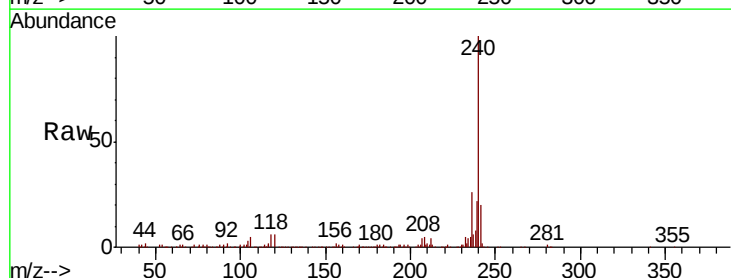
Tgt Ion:240 Resp: 338299

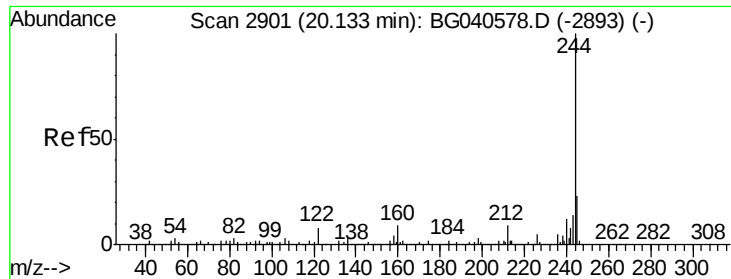
Ion Ratio Lower Upper

240 100

120 5.5 5.0 7.6

236 25.7 20.3 30.5





#79

Terphenyl-d14

Concen: 97.006 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040727.D

Acq: 3 May 2019 16:36

Instrument :

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ClientSampleId :

PB119443BL

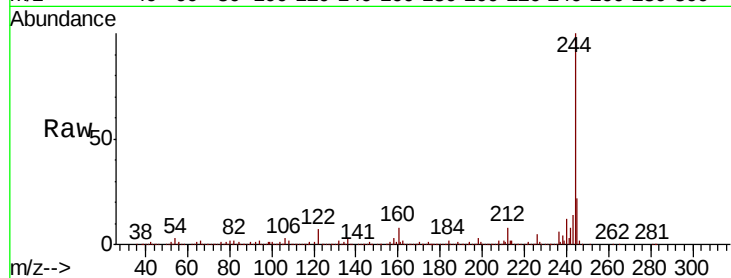
Tot Ion:244 Resp: 1481305

Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

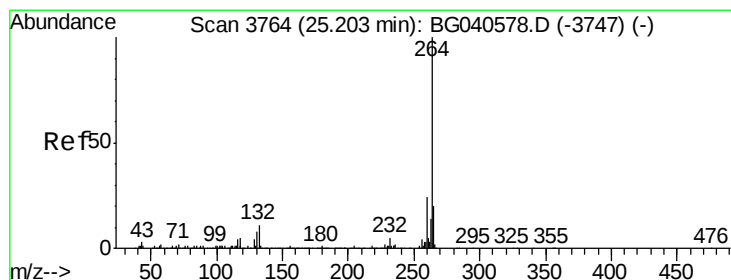
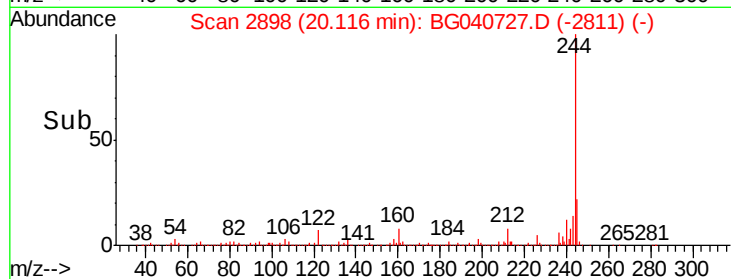
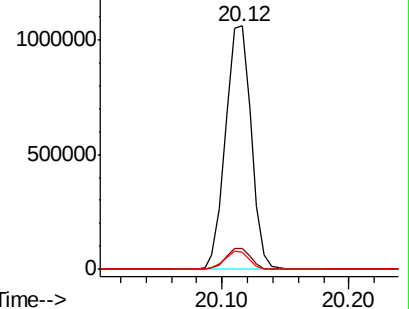
122 7.1 6.6 10.0



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: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040727.D

Acq: 3 May 2019 16:36

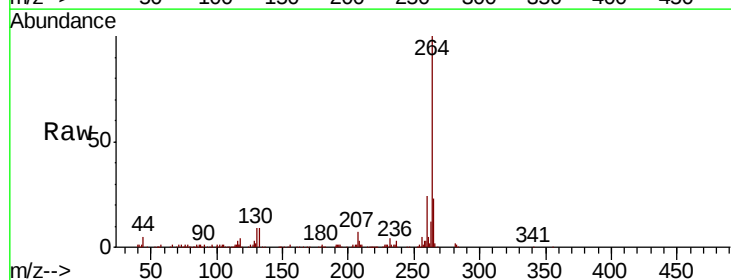
Tgt Ion:264 Resp: 321694

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 23.1 16.6 25.0



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

