

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
 Data File : BG039927.D
 Acq On : 14 Mar 2019 16:23
 Operator : JU/SJ
 Sample : PB117907BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BL

Quant Time: Mar 15 08:22:14 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	45268	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	183955	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	122780	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	325796	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	361115	20.00	ng	-0.03
87) Perylene-d12	25.17	264	355270	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	366891	138.27	ng	-0.02
7) Phenol-d6	7.29	99	508682	128.57	ng	-0.02
23) Nitrobenzene-d5	9.32	82	304248	89.45	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	204551	142.93	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	766245	88.86	ng	-0.02
79) Terphenyl-d14	20.11	244	1353065	82.50	ng	-0.02

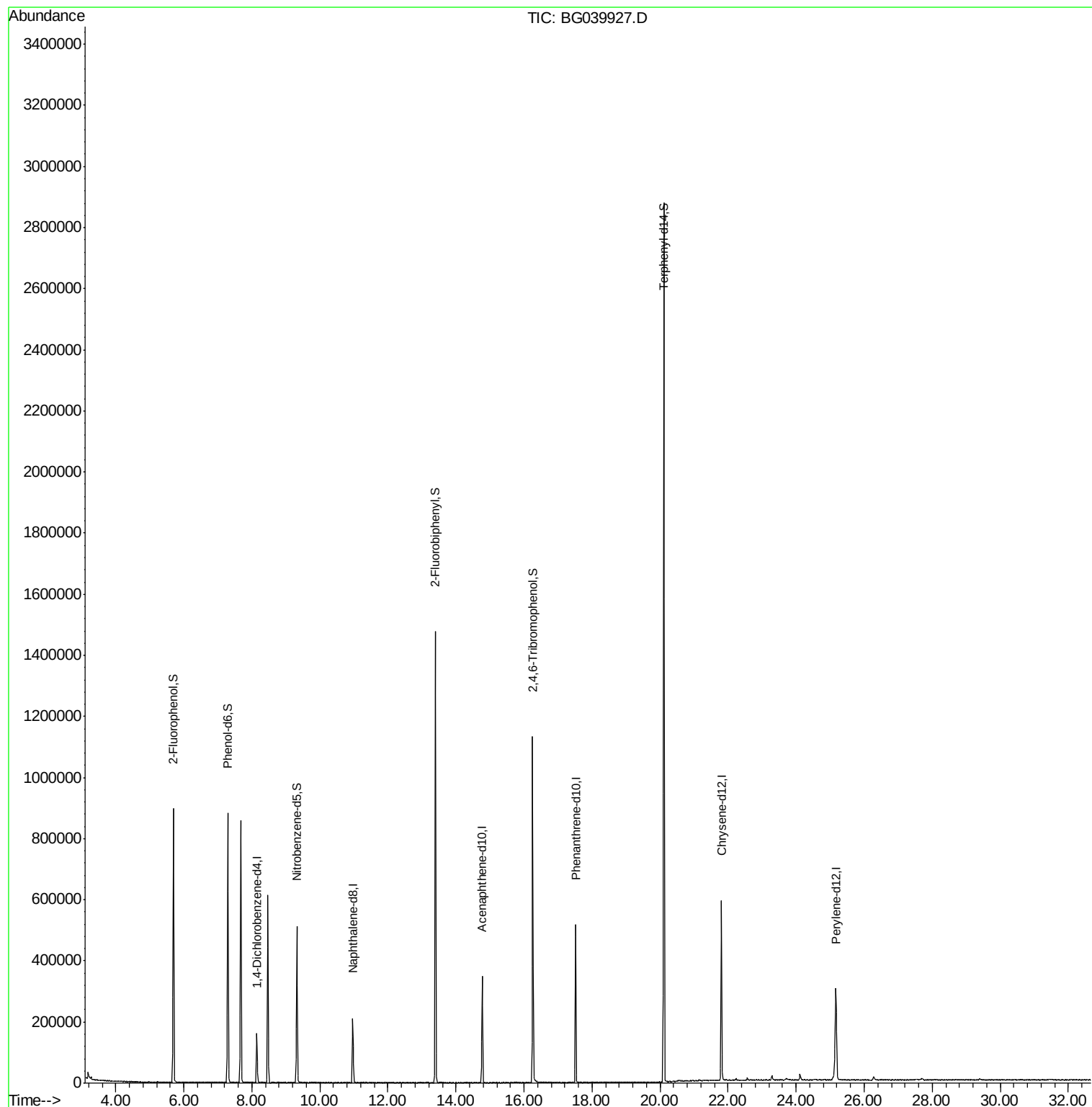
Target Compounds Qvalue

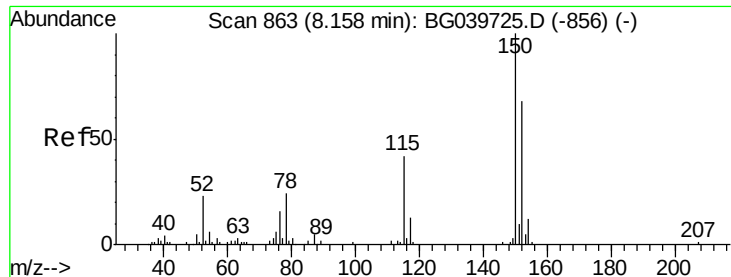
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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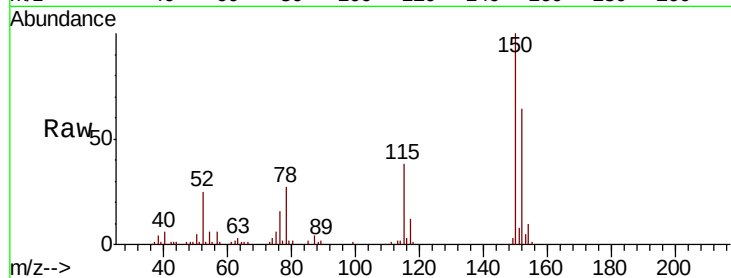


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039927.D
Acq: 14 Mar 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB117907BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.7	185.5
115	58.9	45.9	68.9

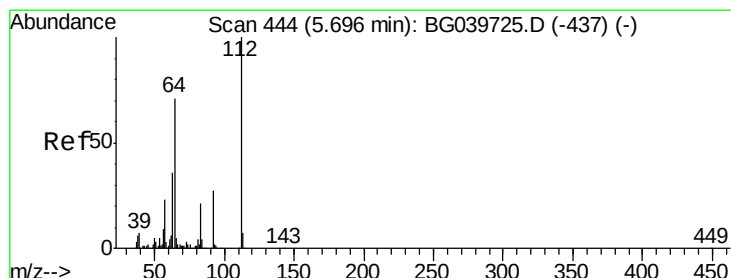
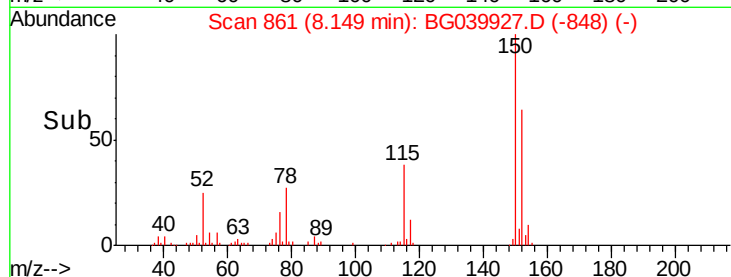
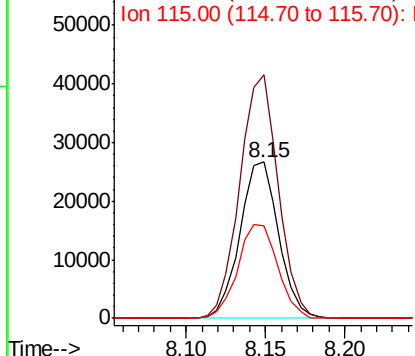


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

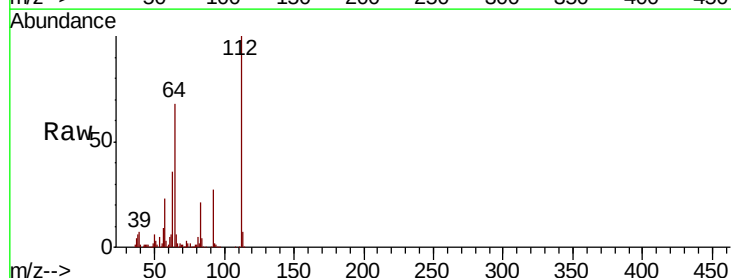
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 138.270 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039927.D
Acq: 14 Mar 2019 16:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	57.8	86.8
63	36.5	29.8	44.6

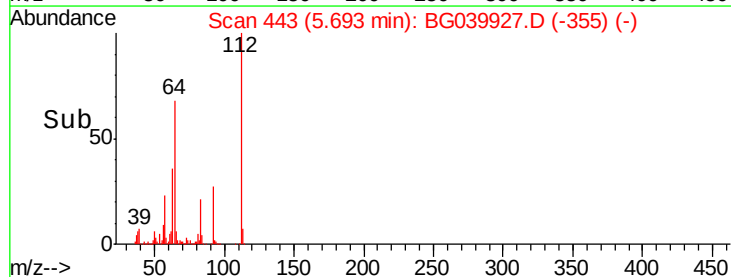
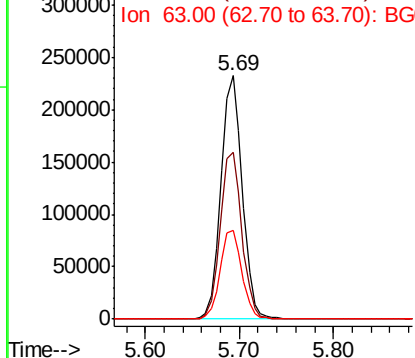


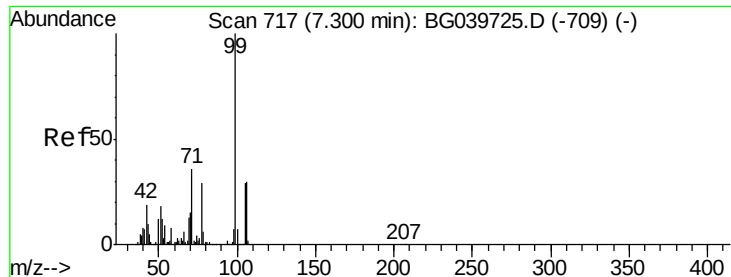
Abundance

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: 128.571 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039927.D

Acq: 14 Mar 2019 16:23

Instrument :

BNA_G

ClientSampleId :

PB117907BL

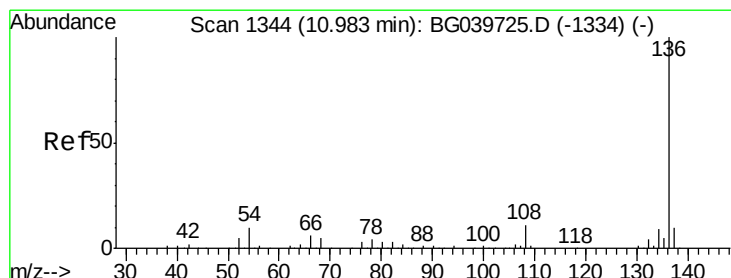
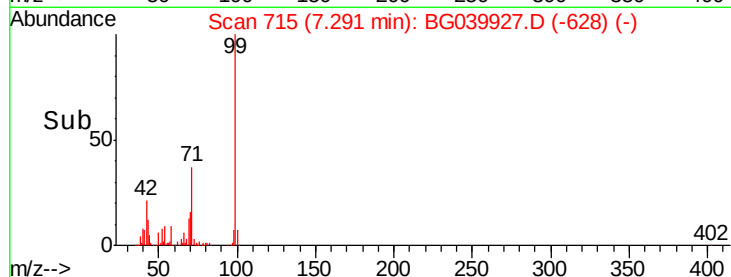
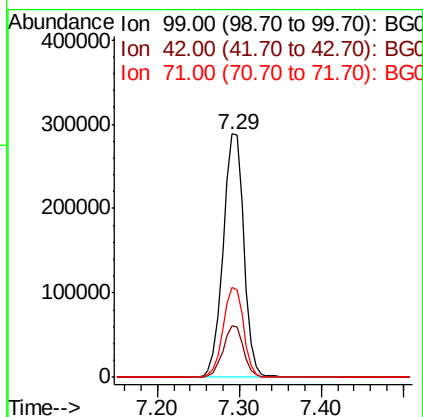
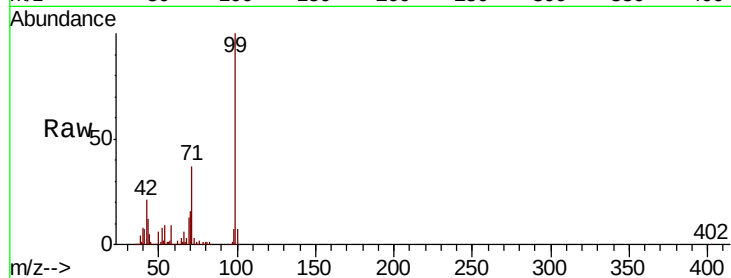
Tot Ion: 99 Resp: 508682

Ion Ratio Lower Upper

99 100

42 21.0 18.2 27.2

71 37.2 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG039927.D

Acq: 14 Mar 2019 16:23

Tgt Ion: 136 Resp: 183955

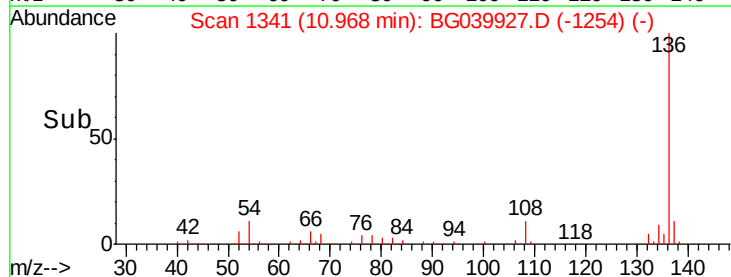
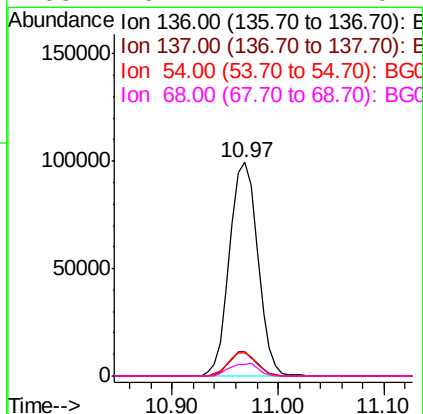
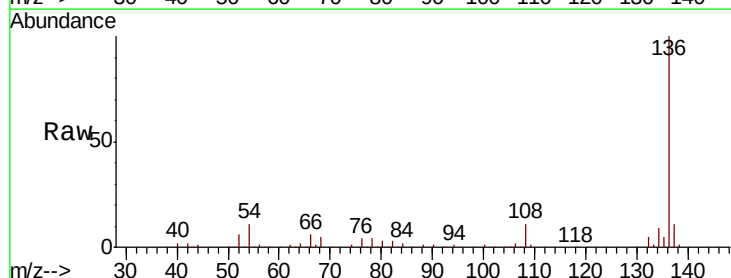
Ion Ratio Lower Upper

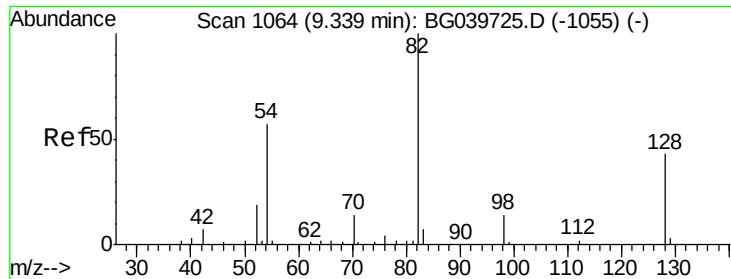
136 100

137 11.5 9.1 13.7

54 10.9 9.4 14.2

68 5.4 4.2 6.4

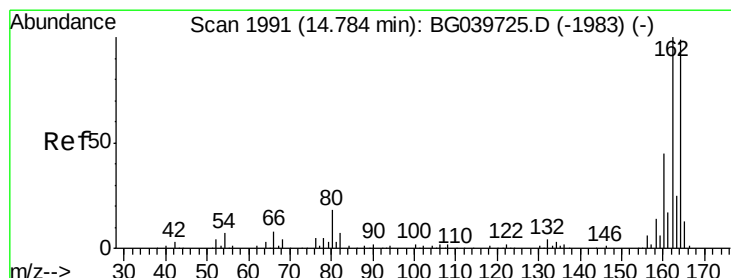
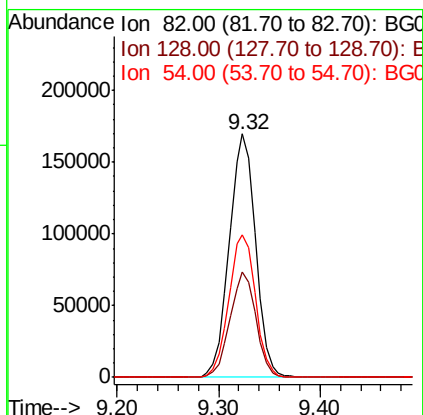
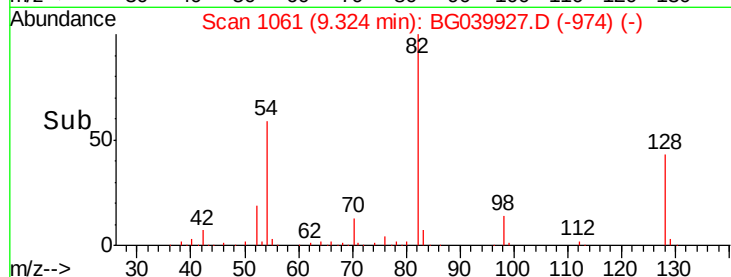
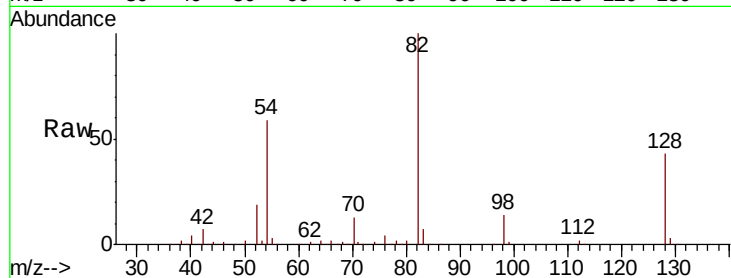




#23
 Nitrobenzene-d5
 Concen: 89.451 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039927.D
 Acq: 14 Mar 2019 16:23

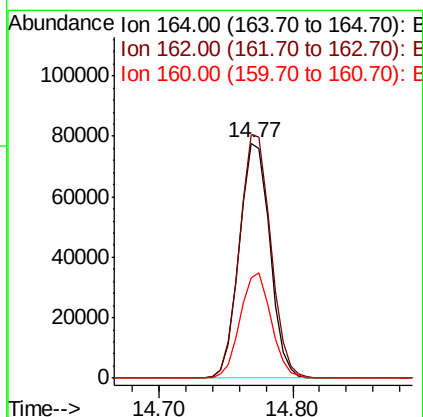
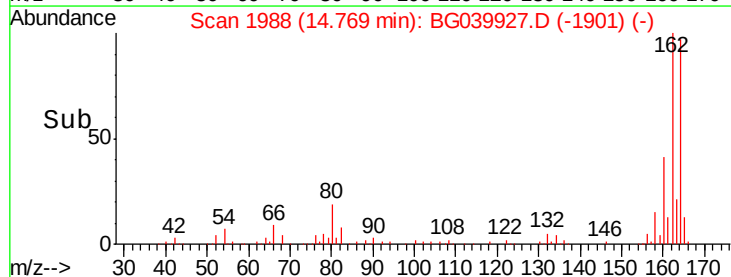
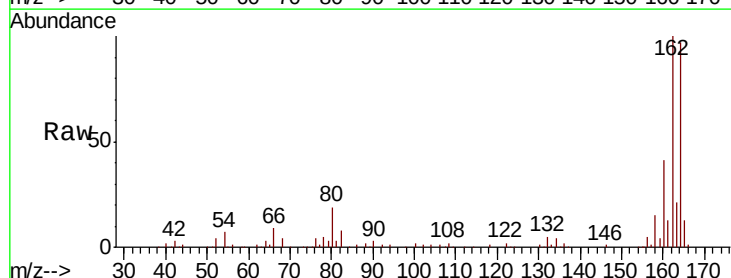
Instrument :
 BNA_G
 ClientSampleId :
 PB117907BL

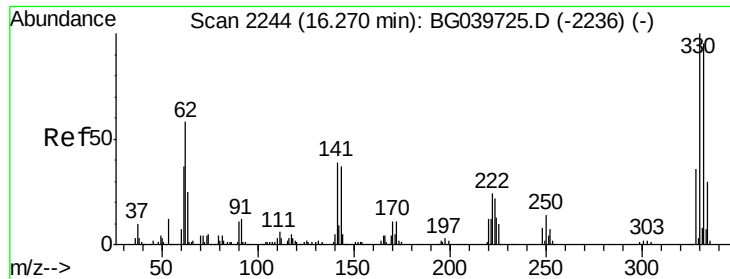
Tot Ion: 82 Resp: 304248
 Ion Ratio Lower Upper
 82 100
 128 43.4 31.3 46.9
 54 58.6 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG039927.D
 Acq: 14 Mar 2019 16:23

Tgt Ion:164 Resp: 122780
 Ion Ratio Lower Upper
 164 100
 162 103.6 81.6 122.4
 160 42.9 34.2 51.2

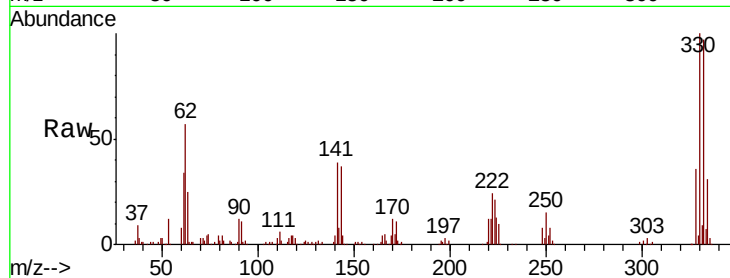




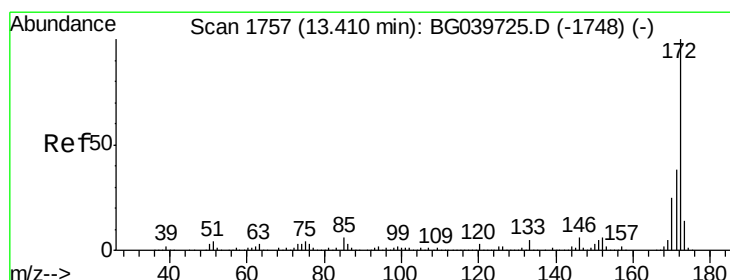
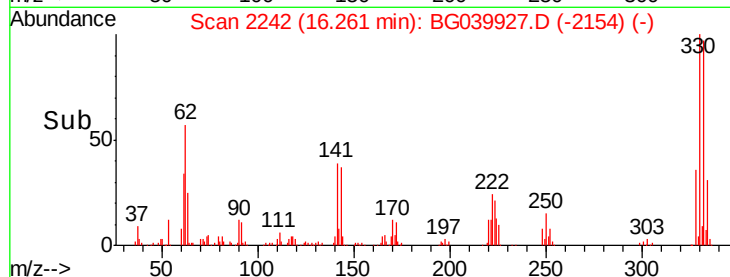
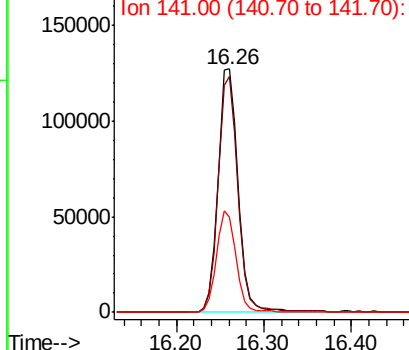
#42
 2,4,6-Tribromophenol
 Concen: 142.934 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039927.D
 Acq: 14 Mar 2019 16:23

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.7	113.5
141	40.7	35.6	53.4

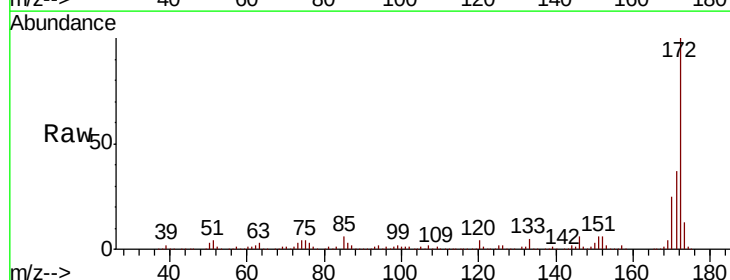


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

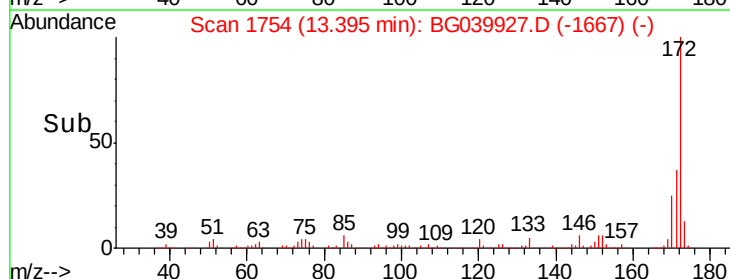
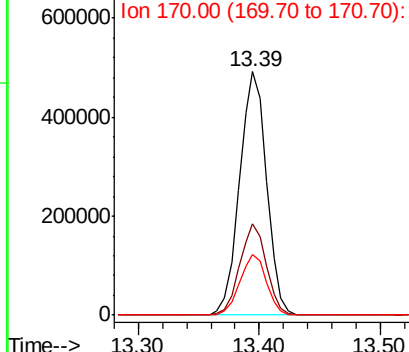


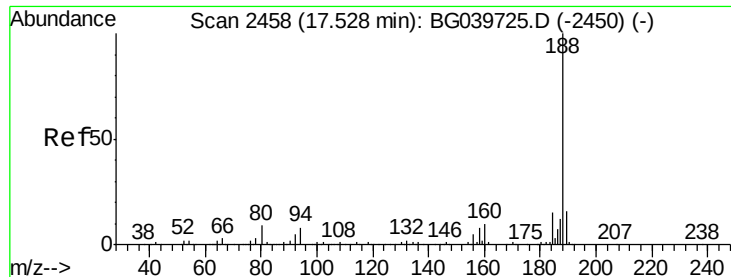
#45
 2-Fluorobiphenyl
 Concen: 88.858 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039927.D
 Acq: 14 Mar 2019 16:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	24.7	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

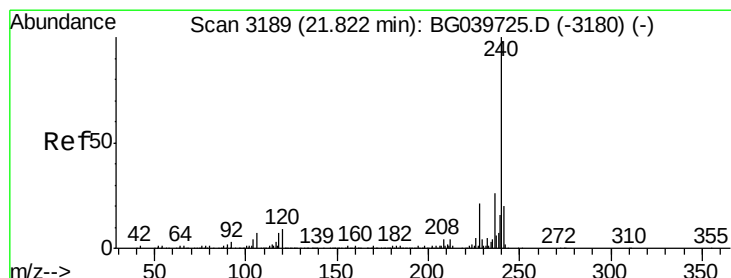
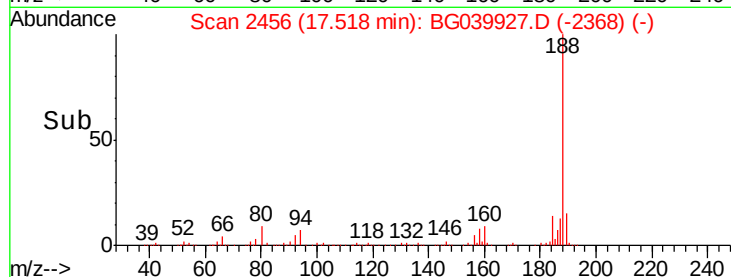
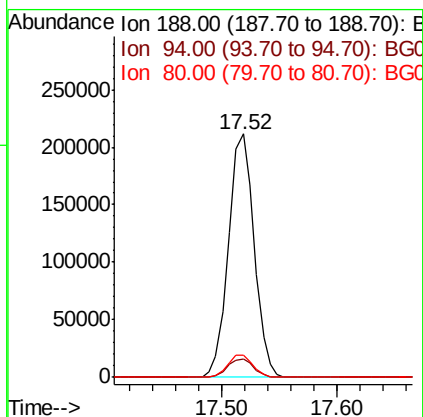
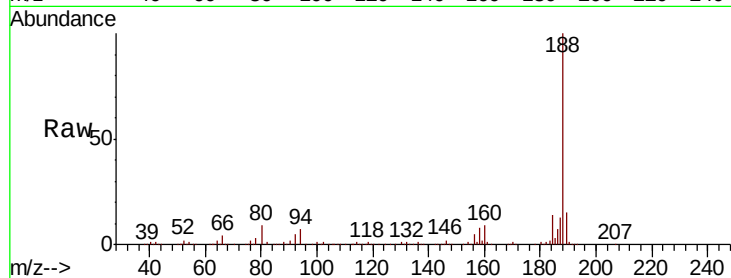




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039927.D
Acq: 14 Mar 2019 16:23

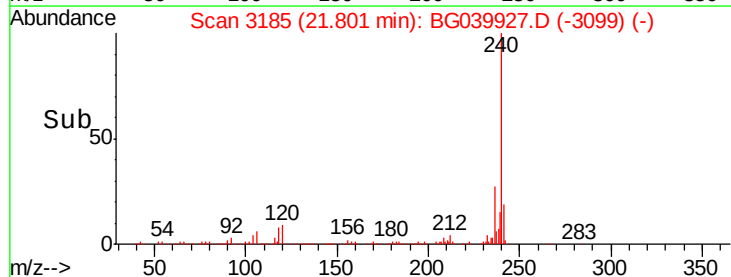
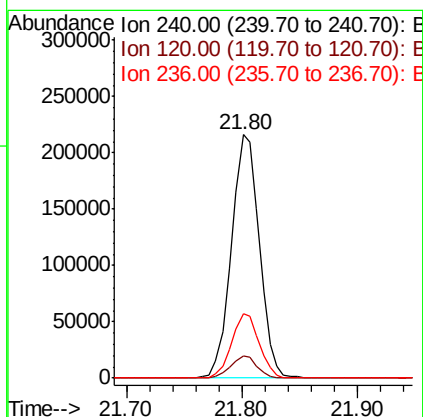
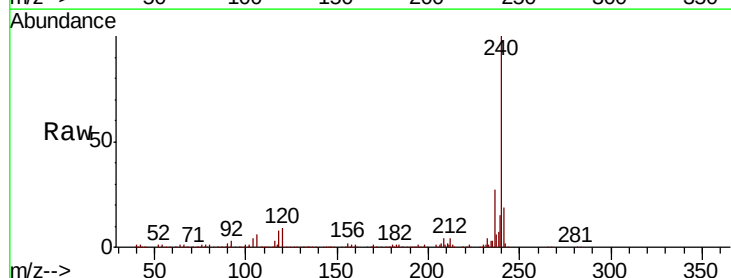
Instrument :
BNA_G
ClientSampled :
PB117907BL

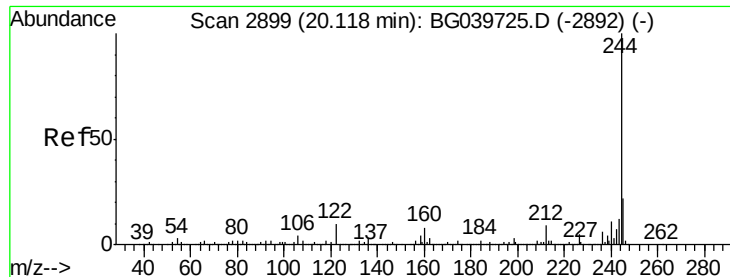
Tot Ion:188 Resp: 325796
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 9.0 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG039927.D
Acq: 14 Mar 2019 16:23

Tgt Ion:240 Resp: 361115
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.6
236 26.6 21.0 31.4





#79

Terphenyl-d14

Concen: 82.500 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039927.D

Acq: 14 Mar 2019 16:23

Instrument :

BNA_G

ClientSampleId :

PB117907BL

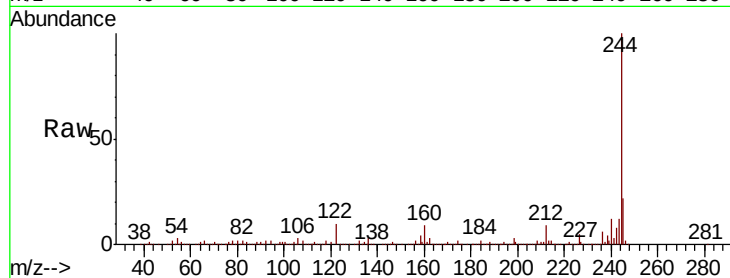
Tot Ion:244 Resp: 1353065

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

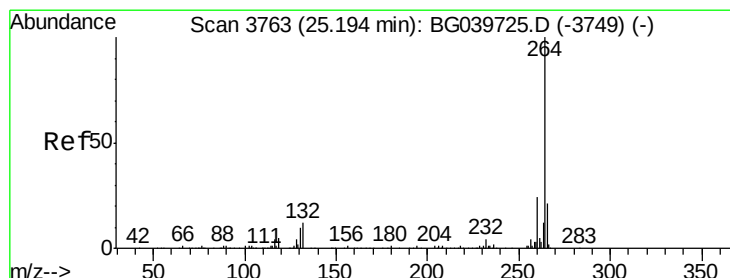
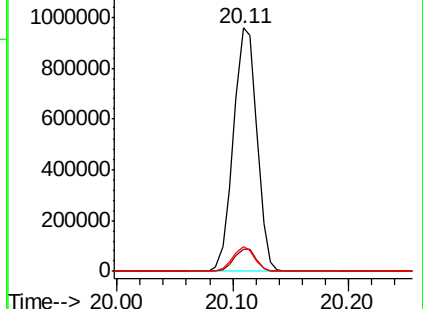
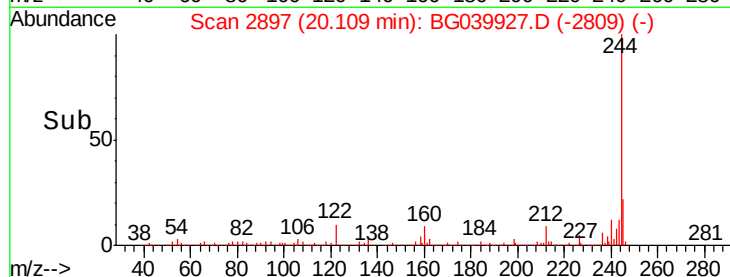
122 10.1 8.4 12.6



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

Perylene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039927.D

Acq: 14 Mar 2019 16:23

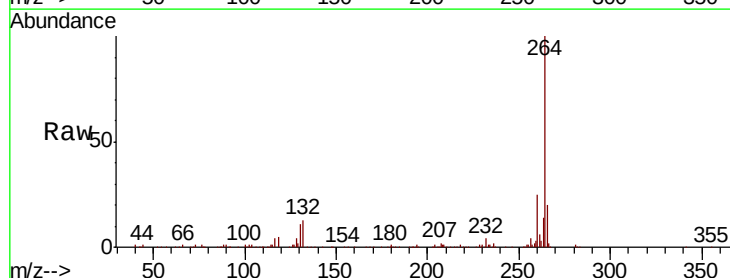
Tgt Ion:264 Resp: 355270

Ion Ratio Lower Upper

264 100

260 24.9 18.2 27.4

265 20.5 18.5 27.7



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

