

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039444.D
 Acq On : 11 Feb 2019 21:28
 Operator : JU/SJ
 Sample : K1356-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-B

Quant Time: Feb 12 03:35:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

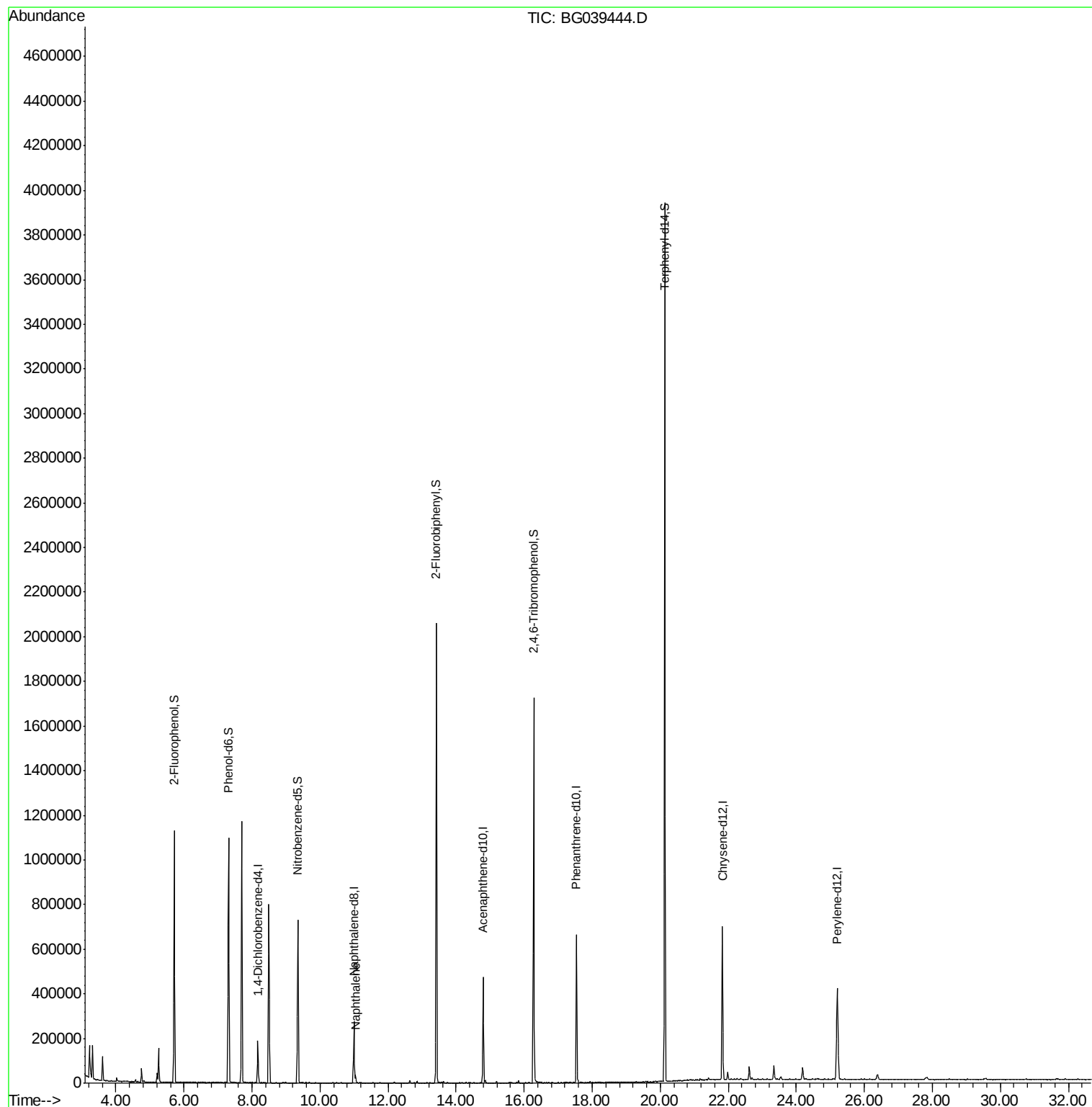
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	54597	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	237912	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	166247	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	415891	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	439013	20.00	ng	-0.02
87) Perylene-d12	25.20	264	440083	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	466169	146.13	ng	0.00
7) Phenol-d6	7.31	99	622384	132.55	ng	-0.01
23) Nitrobenzene-d5	9.35	82	436759	114.69	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	322745	180.28	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1089745	94.03	ng	-0.02
79) Terphenyl-d14	20.13	244	1826726	88.08	ng	-0.02
Target Compounds						
31) Naphthalene	11.05	128	32539	2.757	ng	Qvalue 96

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

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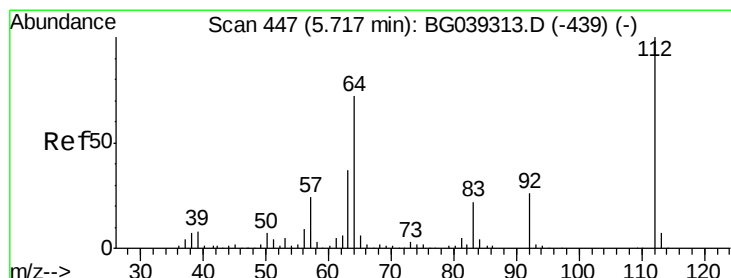
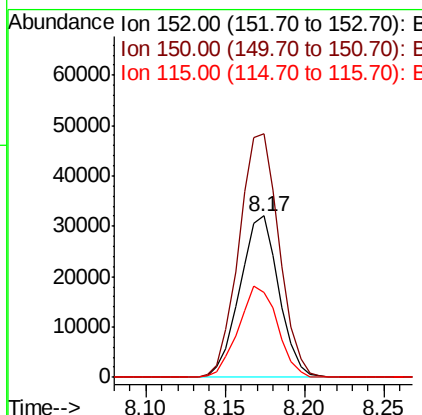
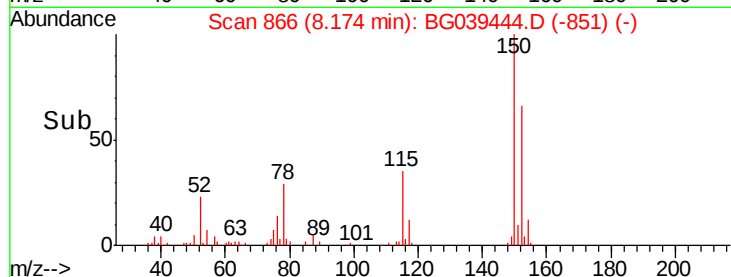
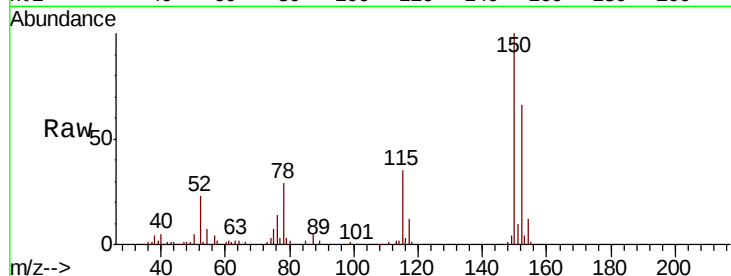


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-B

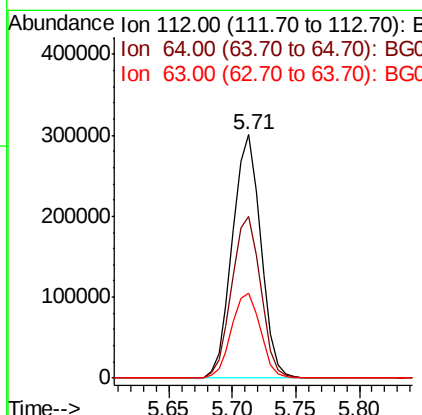
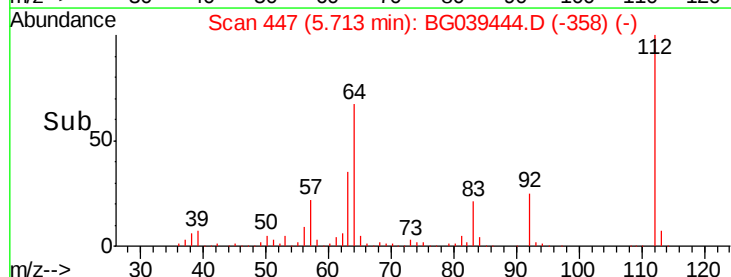
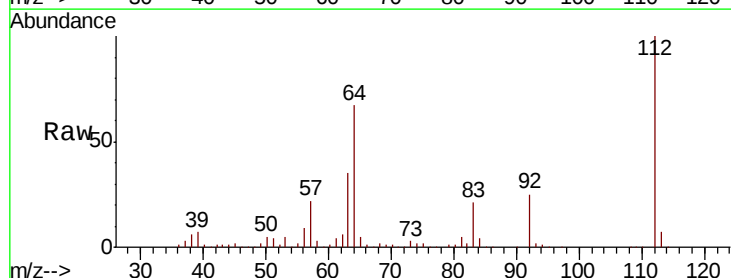
Tot Ion:152 Resp: 54597
Ion Ratio Lower Upper
152 100
150 150.9 123.7 185.5
115 52.6 45.9 68.9



#5

2-Fluorophenol
Concen: 146.135 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Tgt Ion:112 Resp: 466169
Ion Ratio Lower Upper
112 100
64 66.6 57.8 86.8
63 35.0 29.8 44.6





#7

Phenol-d6

Concen: 132.547 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039444.D

Acq: 11 Feb 2019 21:28

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-B

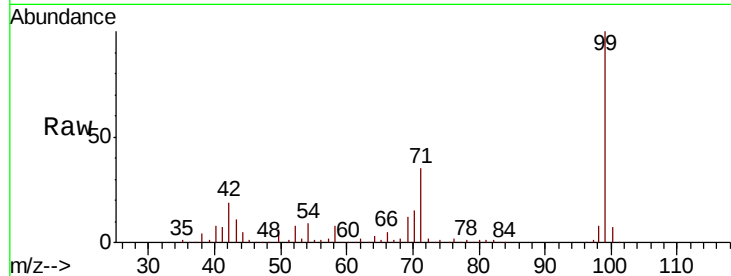
Tot Ion: 99 Resp: 622384

Ion Ratio Lower Upper

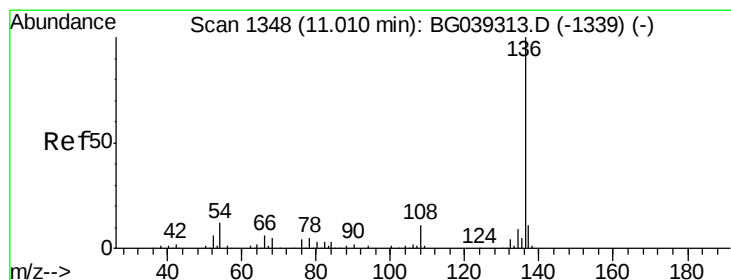
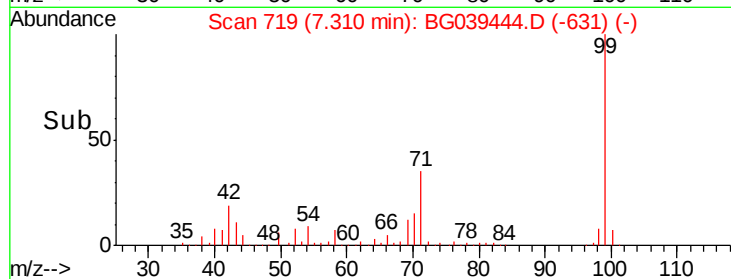
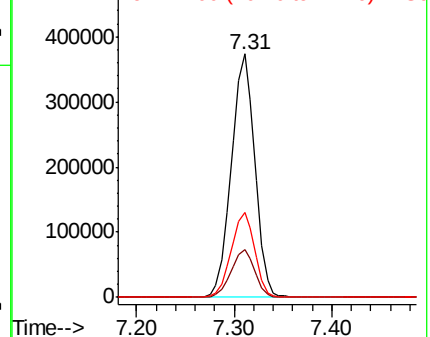
99 100

42 19.4 18.2 27.2

71 34.8 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: 10.99 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BG039444.D

Acq: 11 Feb 2019 21:28

Tgt Ion: 136 Resp: 237912

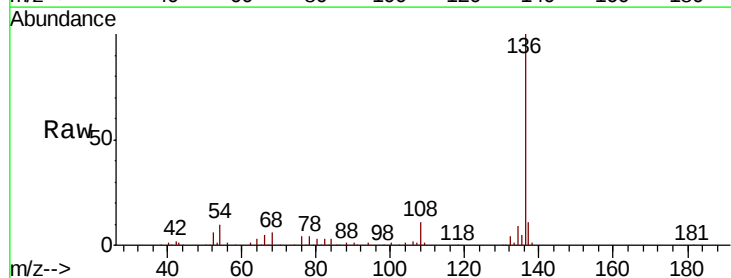
Ion Ratio Lower Upper

136 100

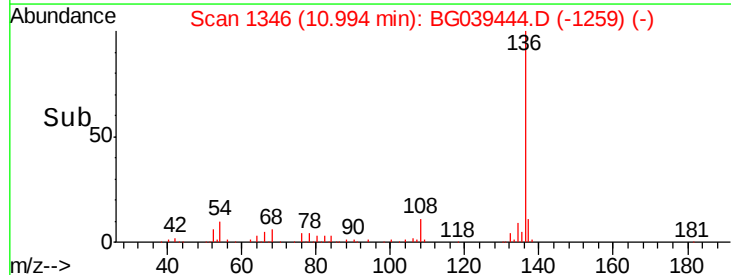
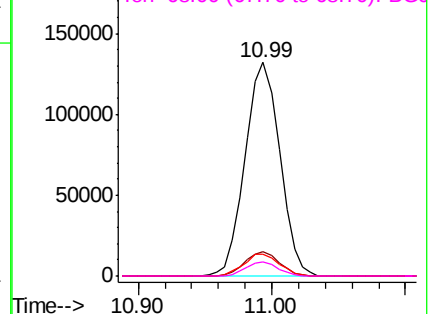
137 11.1 9.1 13.7

54 10.2 9.4 14.2

68 6.4 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: 114.685 ng

RT: 9.35 min Scan# 1066

Delta R.T. -0.02 min

Lab File: BG039444.D

Acq: 11 Feb 2019 21:28

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-B

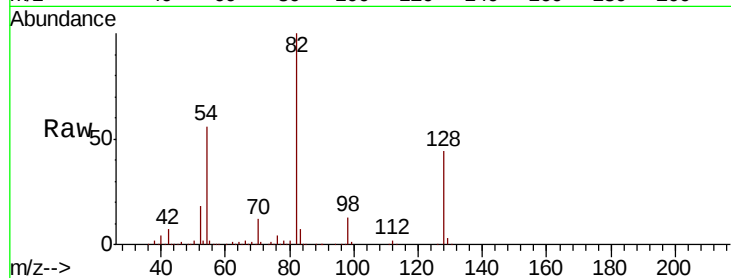
Tot Ion: 82 Resp: 436759

Ion Ratio Lower Upper

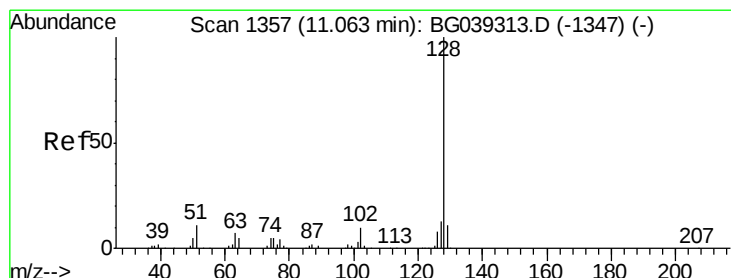
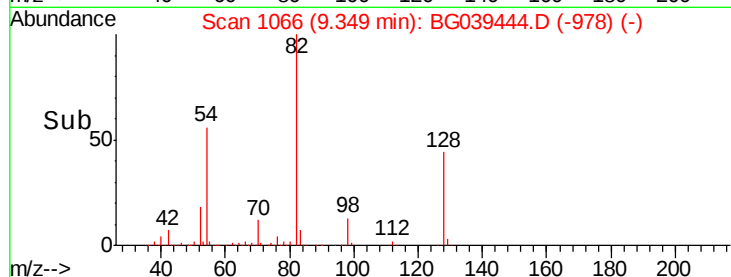
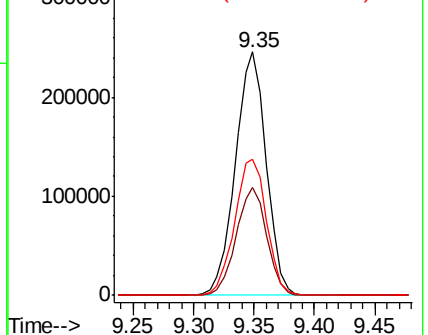
82 100

128 44.5 31.3 46.9

54 55.7 50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#31

Naphthalene

Concen: 2.757 ng

RT: 11.05 min Scan# 1355

Delta R.T. -0.02 min

Lab File: BG039444.D

Acq: 11 Feb 2019 21:28

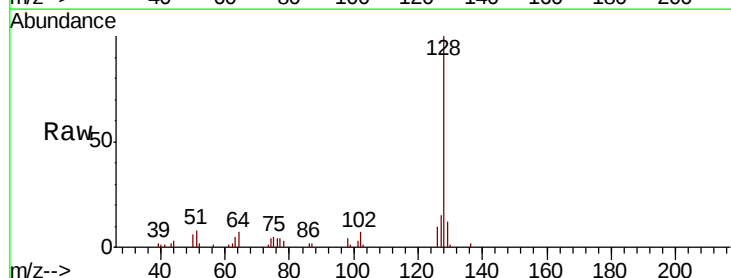
Tgt Ion: 128 Resp: 32539

Ion Ratio Lower Upper

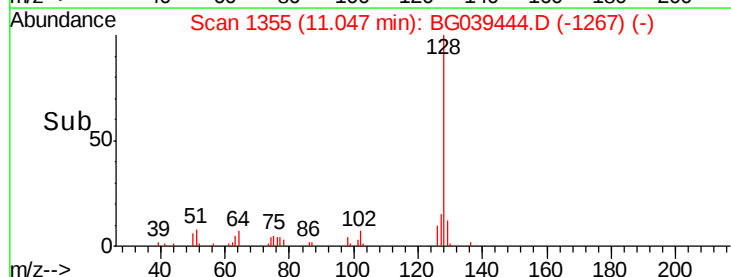
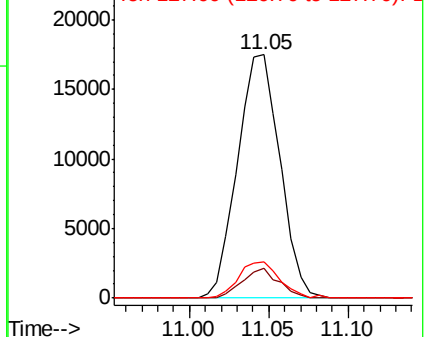
128 100

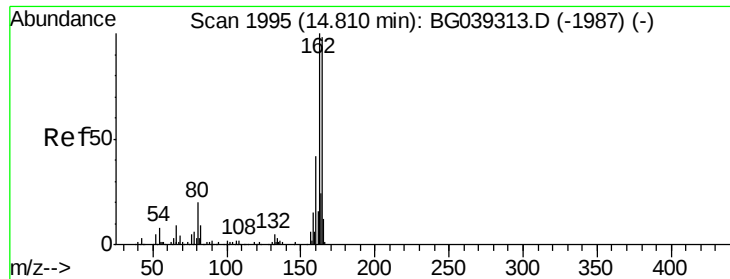
129 12.4 8.7 13.1

127 14.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG039444.D

Acq: 11 Feb 2019 21:28

Instrument :

BNA_G

ClientSampleId :

SU-03-020819-B

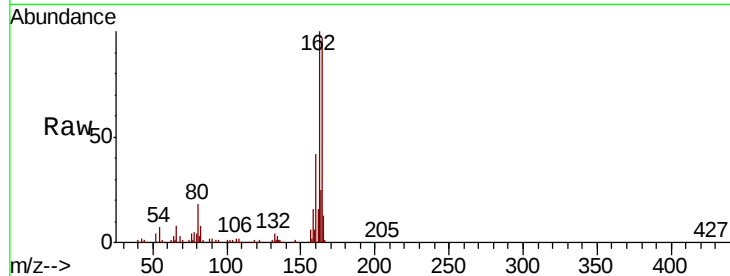
Tot Ion:164 Resp: 166247

Ion Ratio Lower Upper

164 100

162 103.5 81.6 122.4

160 43.5 34.2 51.2

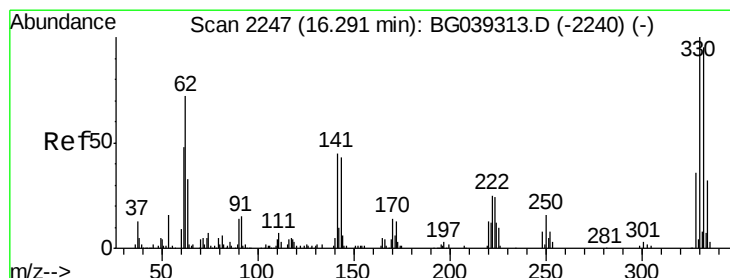
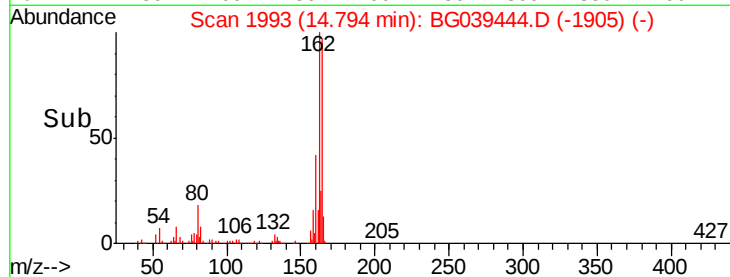
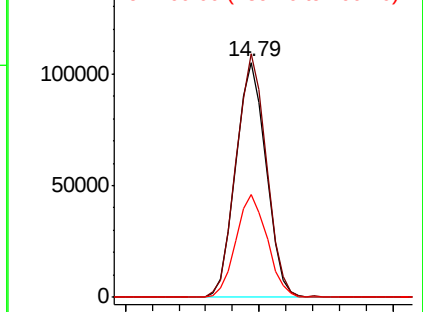


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 180.285 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039444.D

Acq: 11 Feb 2019 21:28

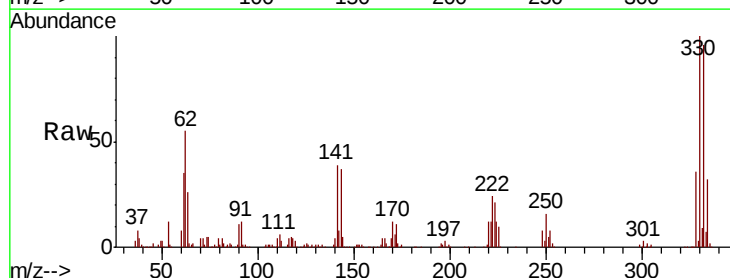
Tgt Ion:330 Resp: 322745

Ion Ratio Lower Upper

330 100

332 94.7 75.7 113.5

141 39.1 35.6 53.4

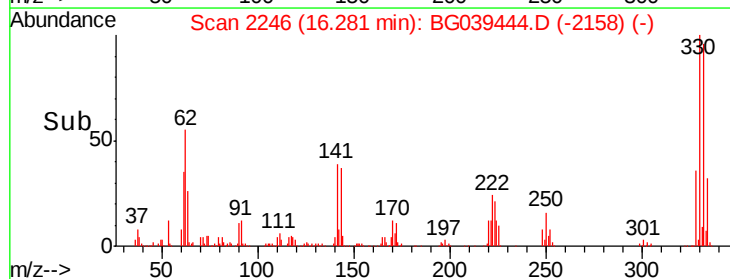
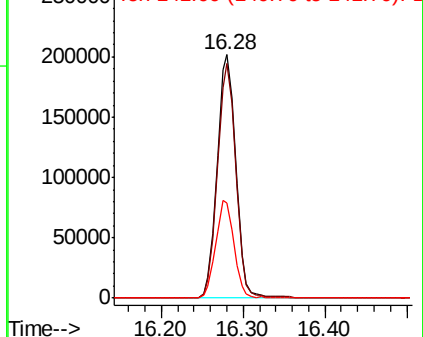


Abundance

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



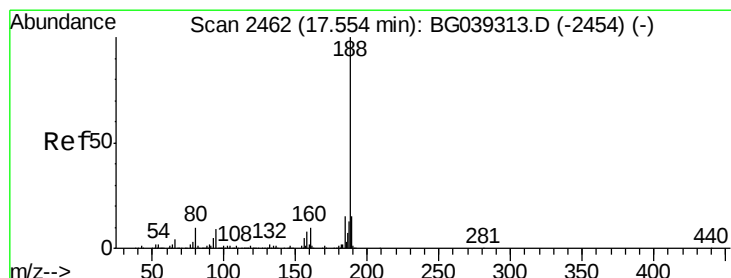
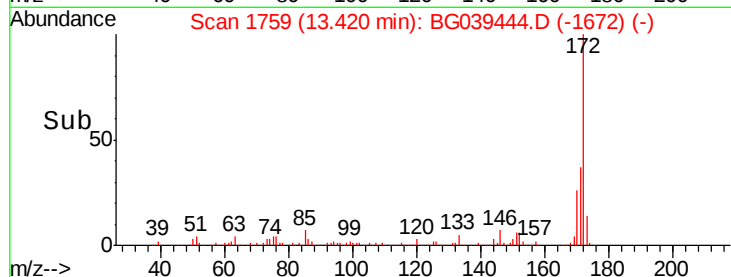
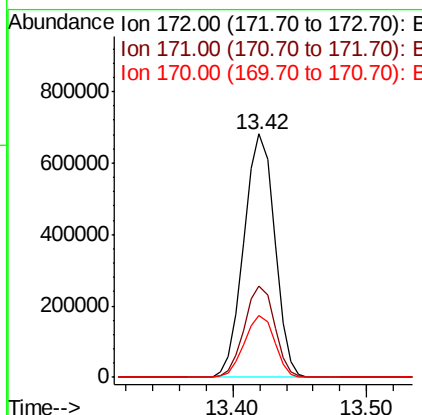
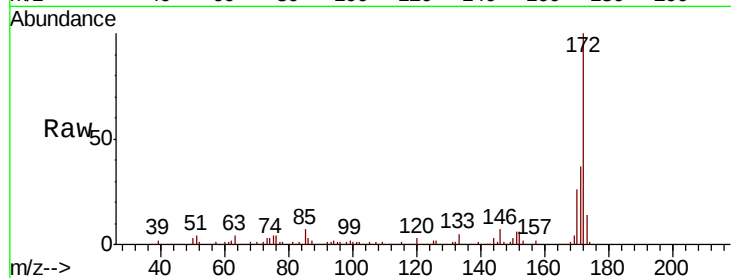


#45
 2-Fluorobiphenyl
 Concen: 94.034 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG039444.D
 Acq: 11 Feb 2019 21:28

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-B

Tot Ion:172 Resp: 1089745

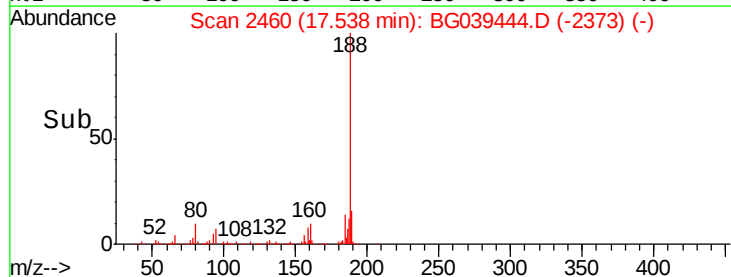
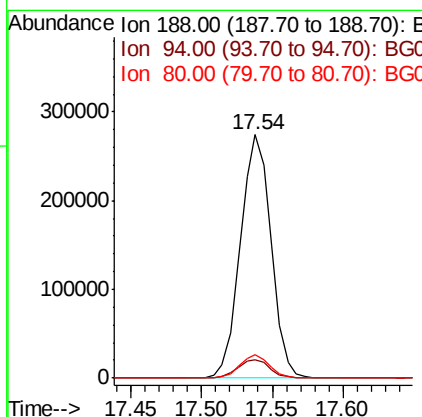
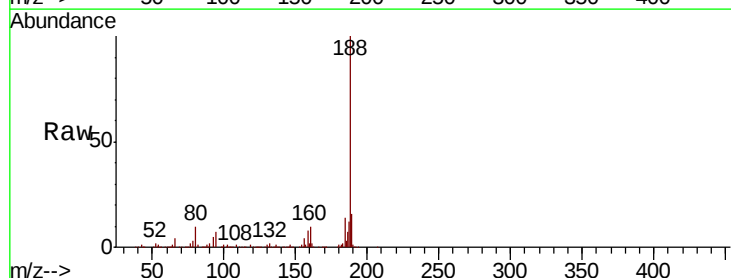
Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	25.6	20.2	30.4

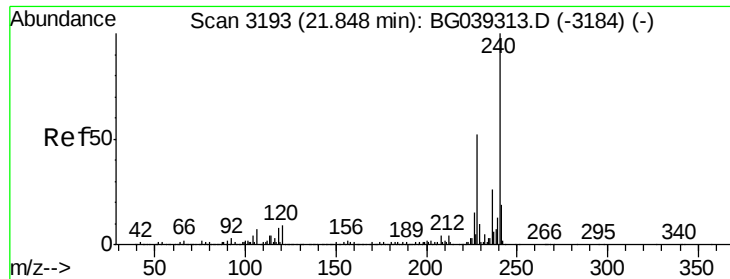


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.54 min Scan# 2460
 Delta R.T. -0.02 min
 Lab File: BG039444.D
 Acq: 11 Feb 2019 21:28

Tgt Ion:188 Resp: 415891

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	9.7	8.1	12.1

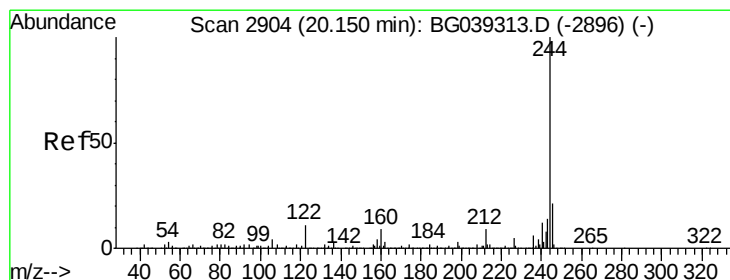
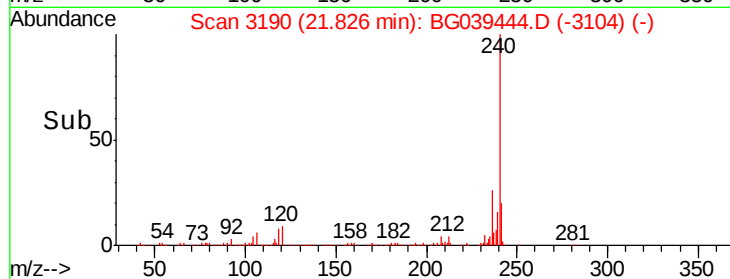
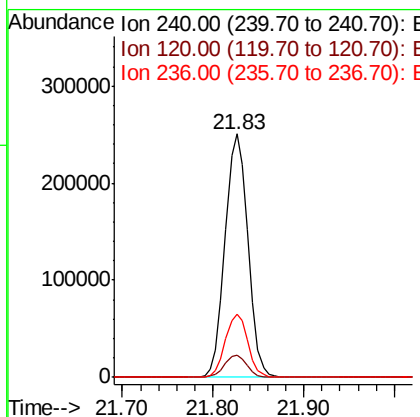
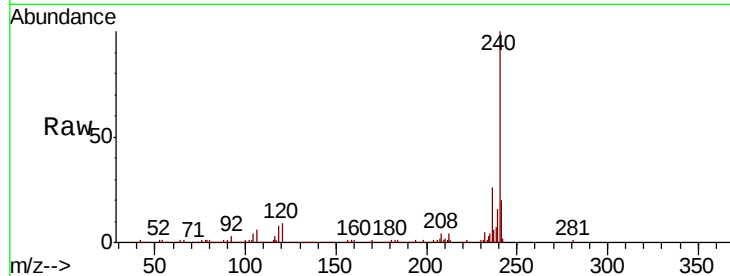




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.83 min Scan# 3190
 Delta R.T. -0.02 min
 Lab File: BG039444.D
 Acq: 11 Feb 2019 21:28

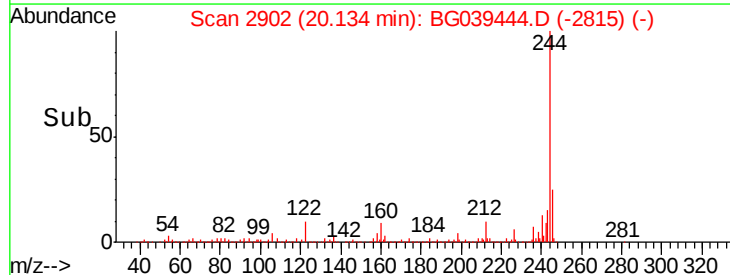
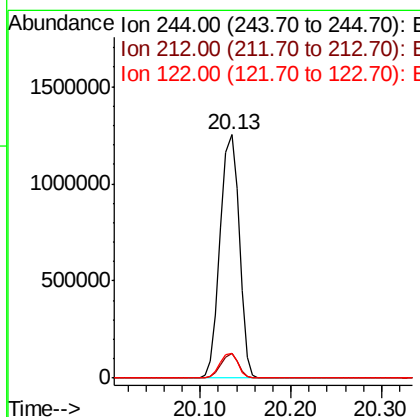
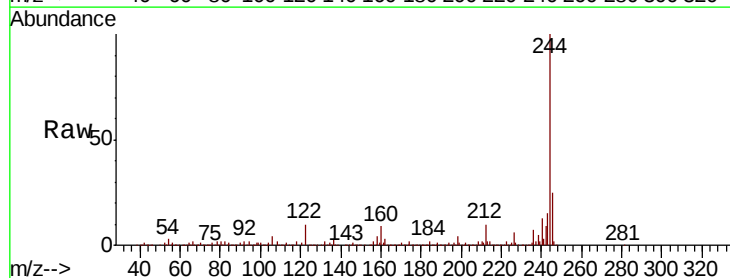
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-020819-B

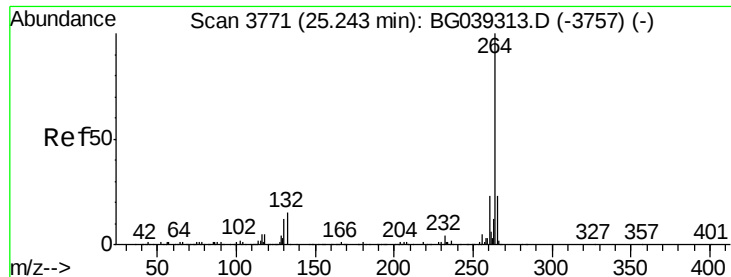
Tot Ion:240 Resp: 439013
 Ion Ratio Lower Upper
 240 100
 120 9.0 7.0 10.6
 236 26.1 21.0 31.4



#79
 Terphenyl-d14
 Concen: 88.075 ng
 RT: 20.13 min Scan# 2902
 Delta R.T. -0.02 min
 Lab File: BG039444.D
 Acq: 11 Feb 2019 21:28

Tgt Ion:244 Resp: 1826726
 Ion Ratio Lower Upper
 244 100
 212 9.9 7.3 10.9
 122 10.4 8.4 12.6

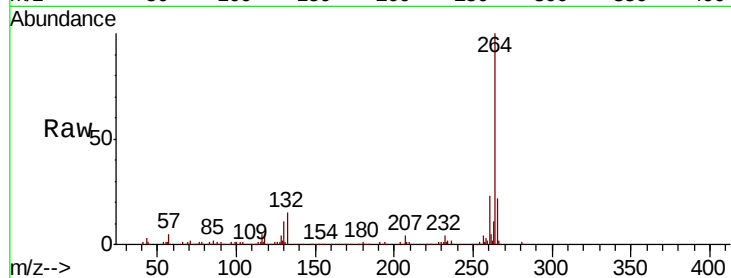




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG039444.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-B

Tot Ion:	264	Resp:	440083
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.8	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

