

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039966.D
 Acq On : 16 Mar 2019 7:50
 Operator : JU/SJ
 Sample : K1897-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Mar 18 01:17:51 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	43037	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	176068	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	123644	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	287264	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	289671	20.00	ng	-0.02
87) Perylene-d12	25.17	264	288093	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	329268	130.52	ng	-0.01
7) Phenol-d6	7.29	99	420768	111.86	ng	-0.02
23) Nitrobenzene-d5	9.33	82	348843	107.16	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	225568	156.52	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	842987	97.07	ng	-0.02
79) Terphenyl-d14	20.11	244	1280089	97.30	ng	-0.01

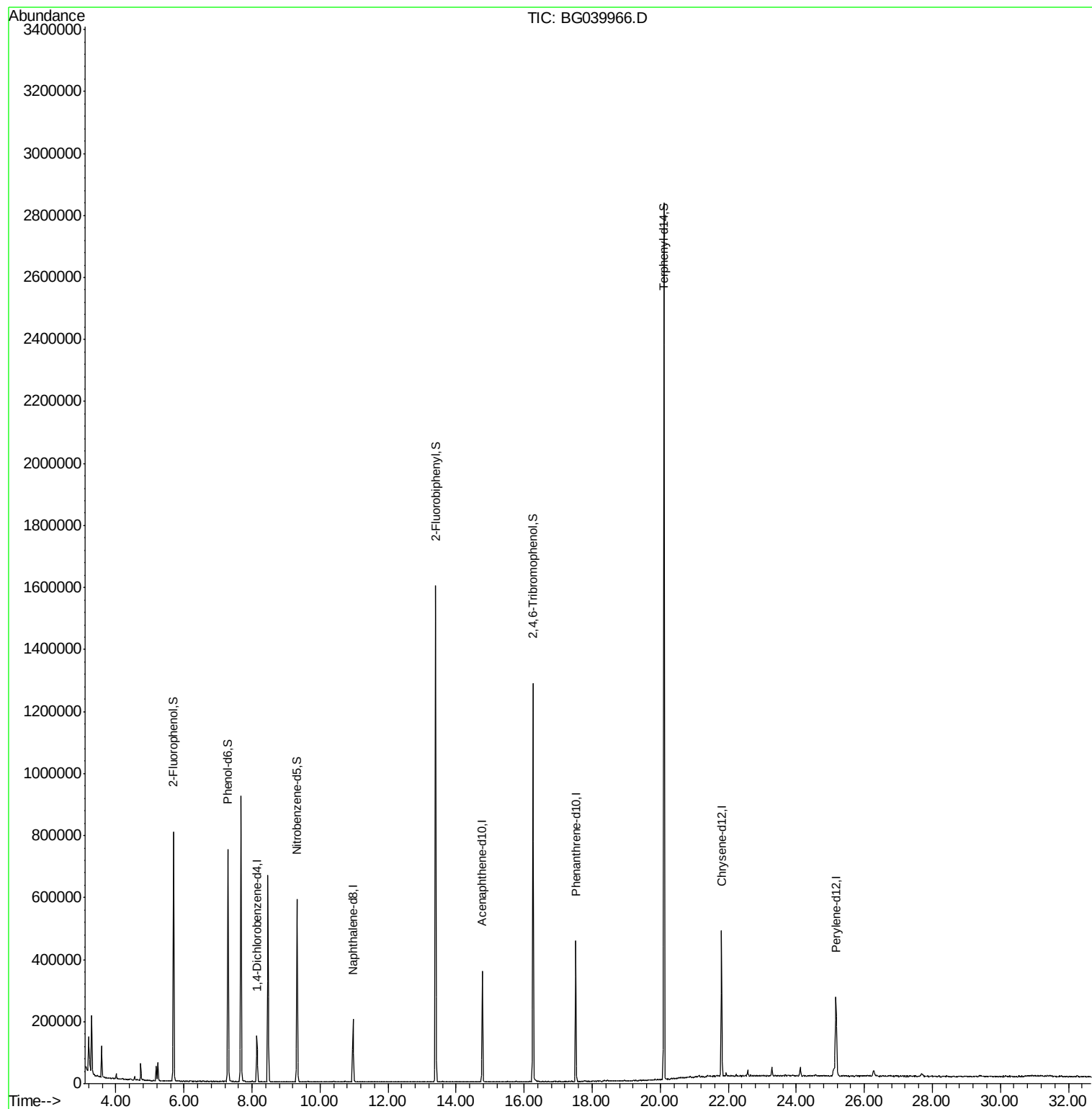
Target Compounds Qvalue

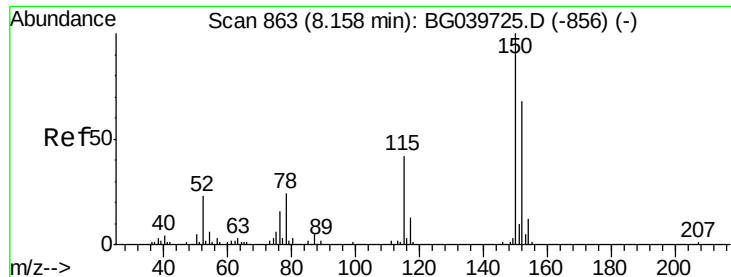
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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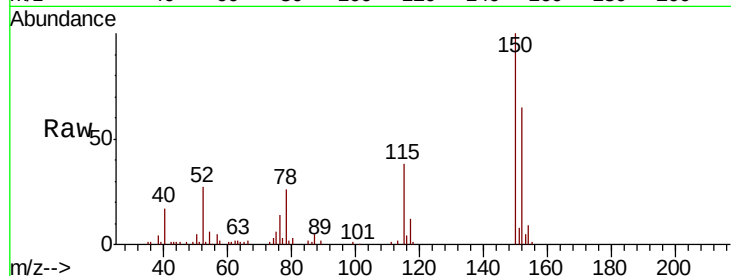


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.03 min
 Lab File: BG039966.D
 Acq: 16 Mar 2019 7:50

Instrument :
 BNA_G
 ClientSampled :
 TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.7	185.5
115	58.8	45.9	68.9

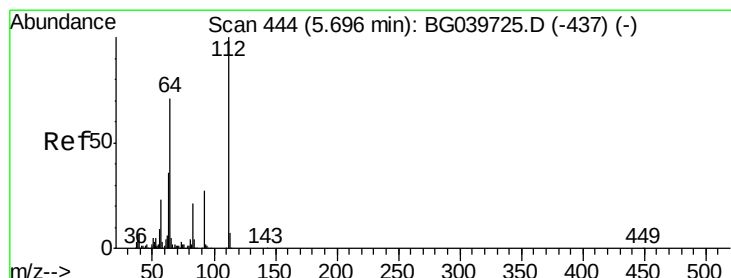
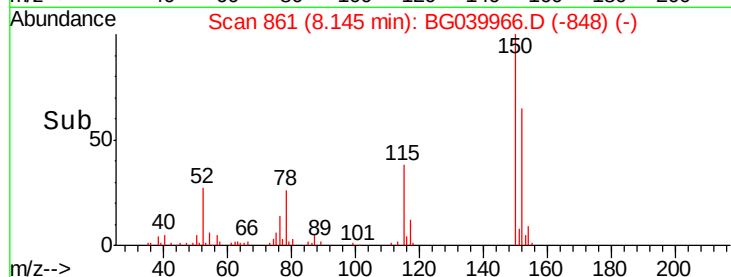
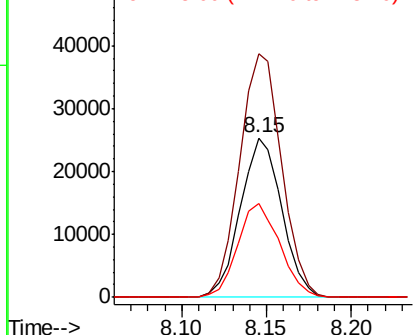


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

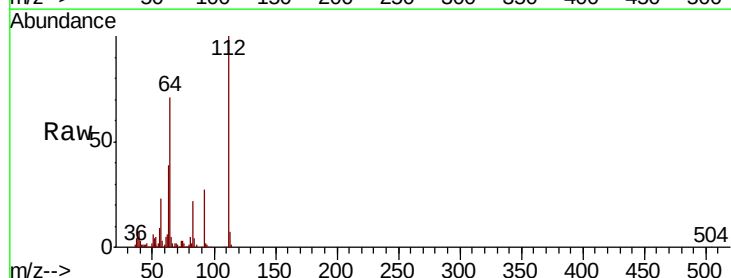
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 130.524 ng
 RT: 5.70 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BG039966.D
 Acq: 16 Mar 2019 7:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	57.8	86.8
63	38.8	29.8	44.6

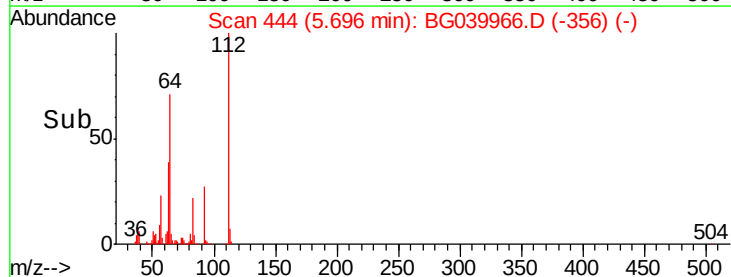
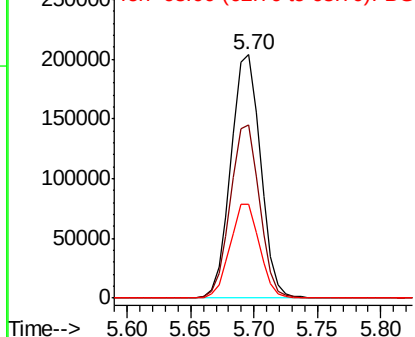


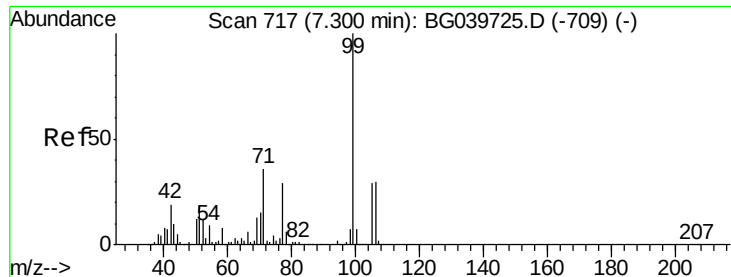
Abundance

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: 111.863 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039966.D

Acq: 16 Mar 2019 7:50

Instrument :

BNA_G

ClientSampleId :

TP-1

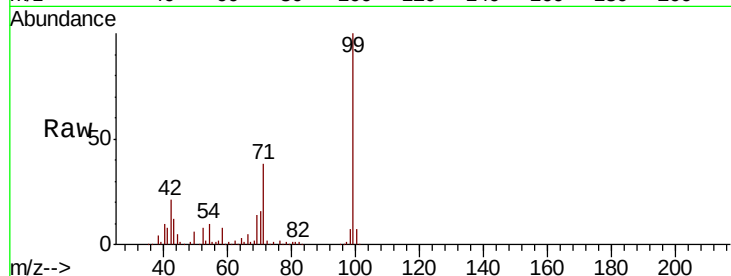
Tot Ion: 99 Resp: 420768

Ion Ratio Lower Upper

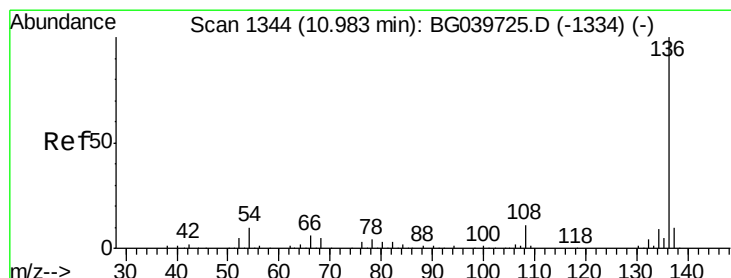
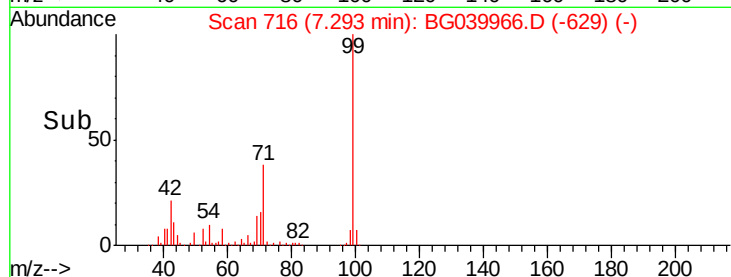
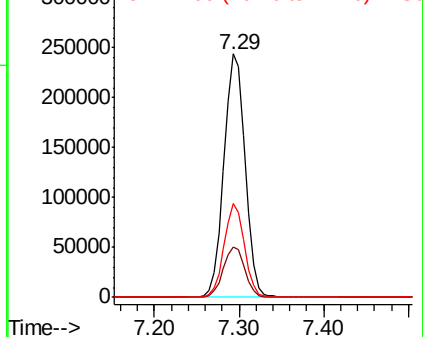
99 100

42 20.9 18.2 27.2

71 38.5 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: 10.96 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BG039966.D

Acq: 16 Mar 2019 7:50

Tgt Ion: 136 Resp: 176068

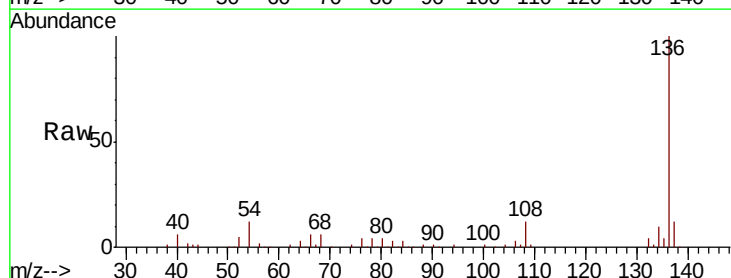
Ion Ratio Lower Upper

136 100

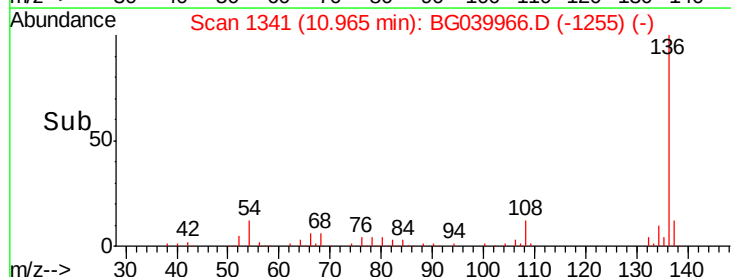
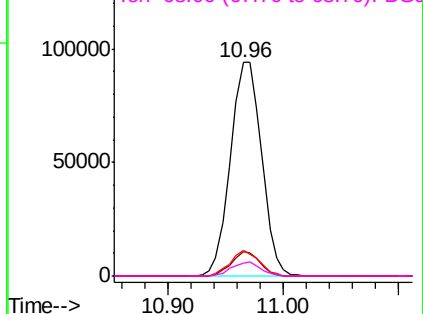
137 11.6 9.1 13.7

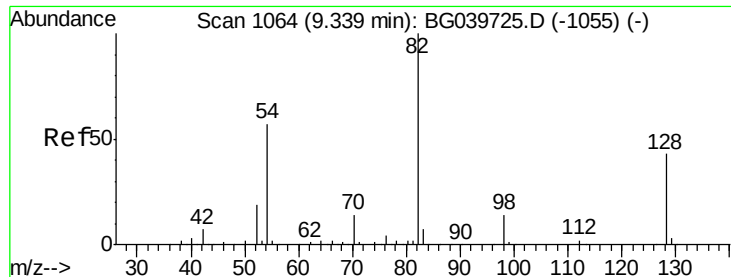
54 12.0 9.4 14.2

68 6.3 4.2 6.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

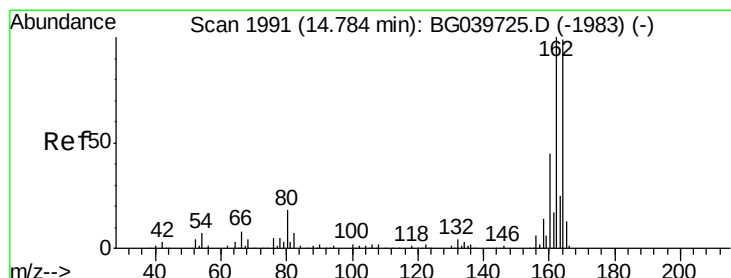
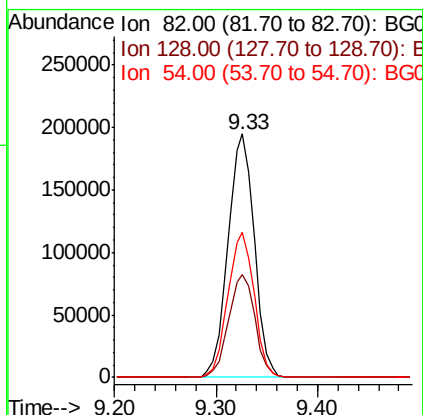
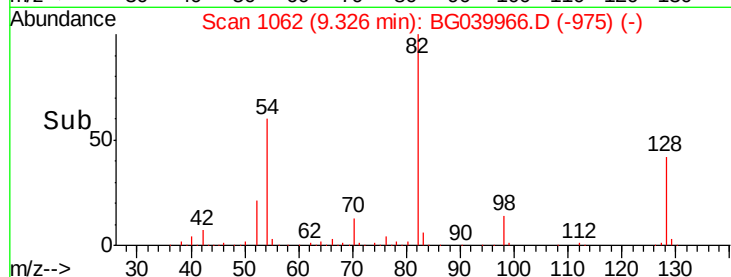
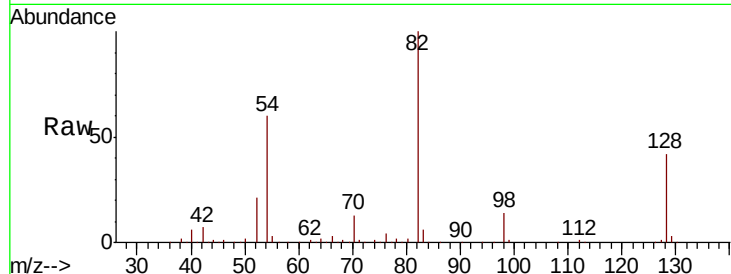




#23
 Nitrobenzene-d5
 Concen: 107.157 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039966.D
 Acq: 16 Mar 2019 7:50

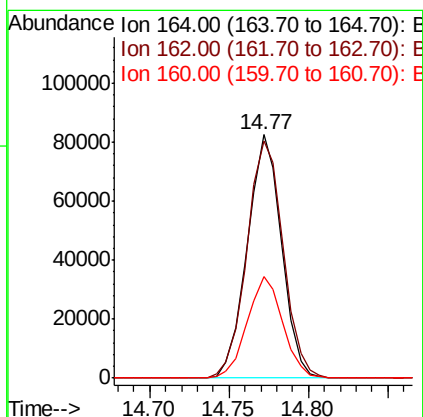
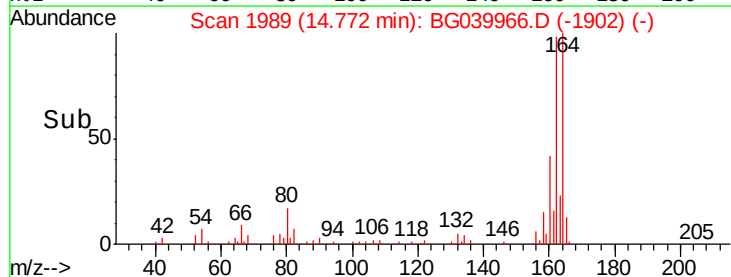
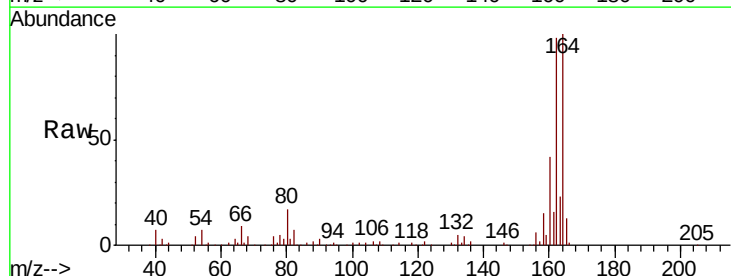
Instrument :
 BNA_G
 ClientSampled :
 TP-1

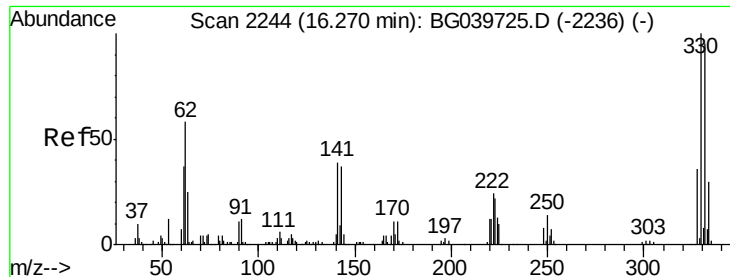
Tot Ion: 82 Resp: 348843
 Ion Ratio Lower Upper
 82 100
 128 42.1 31.3 46.9
 54 59.8 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG039966.D
 Acq: 16 Mar 2019 7:50

Tgt Ion: 164 Resp: 123644
 Ion Ratio Lower Upper
 164 100
 162 97.6 81.6 122.4
 160 41.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 156.518 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039966.D

Acq: 16 Mar 2019 7:50

Instrument :

BNA_G

ClientSampled :

TP-1

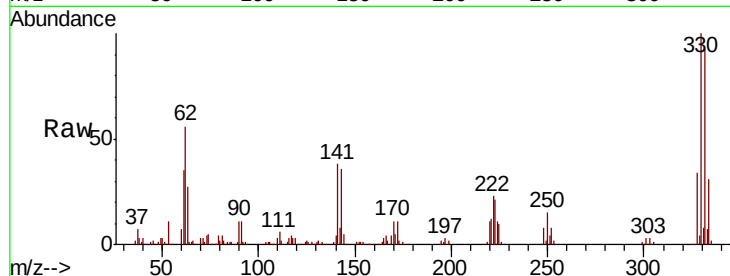
Tot Ion:330 Resp: 225568

Ion Ratio Lower Upper

330 100

332 95.7 75.7 113.5

141 41.6 35.6 53.4

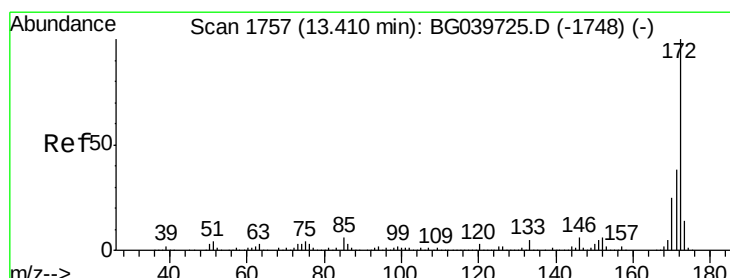
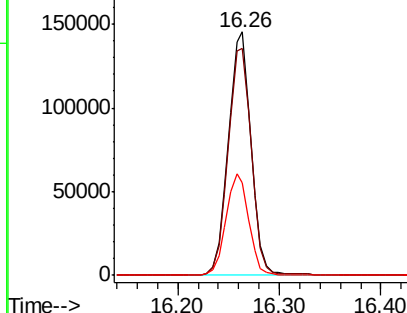
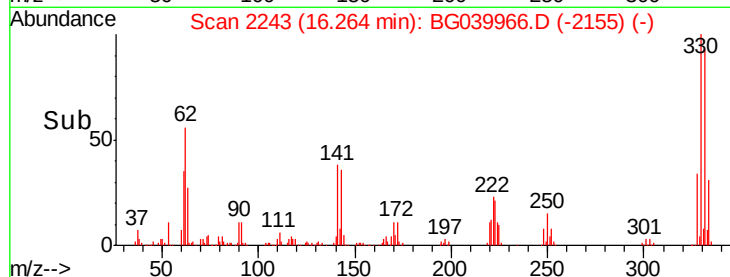


Abundance

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: 97.075 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG039966.D

Acq: 16 Mar 2019 7:50

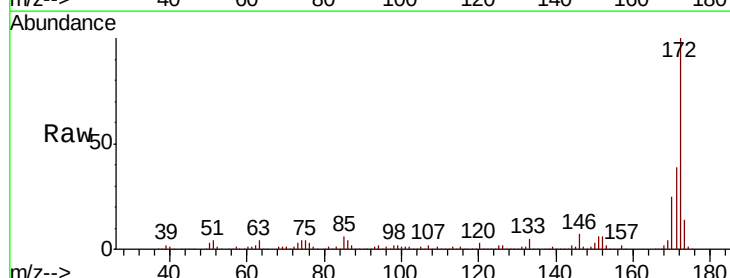
Tgt Ion:172 Resp: 842987

Ion Ratio Lower Upper

172 100

171 38.7 30.8 46.2

170 25.1 20.2 30.4

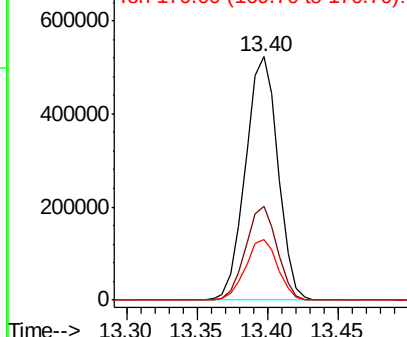
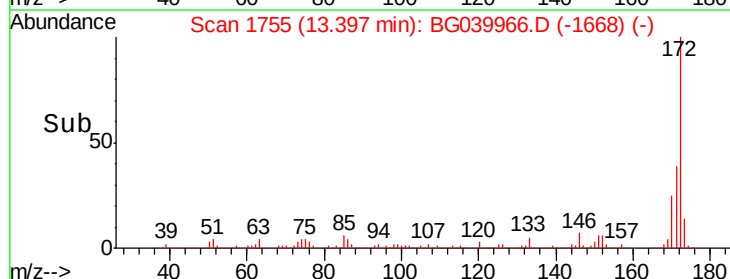


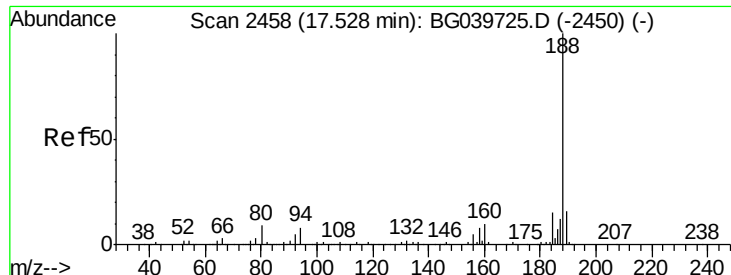
Abundance

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

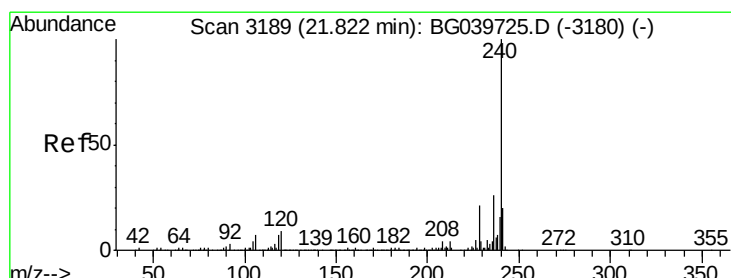
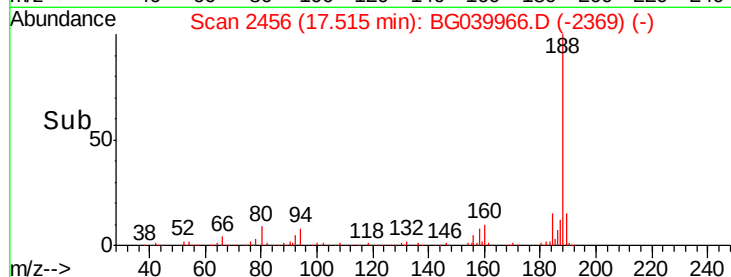
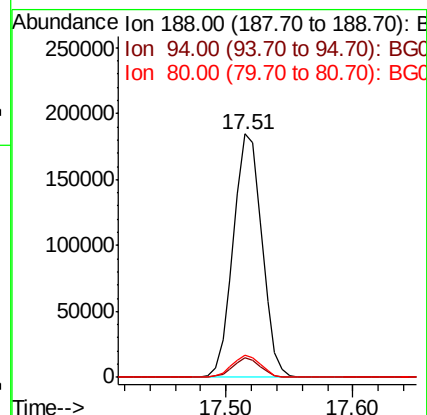
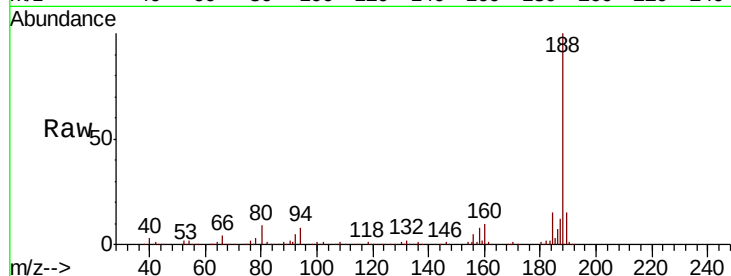




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039966.D
Acq: 16 Mar 2019 7:50

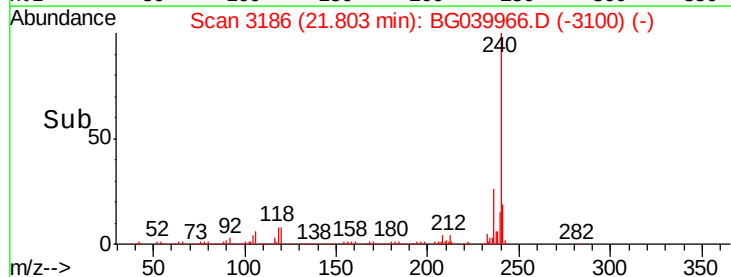
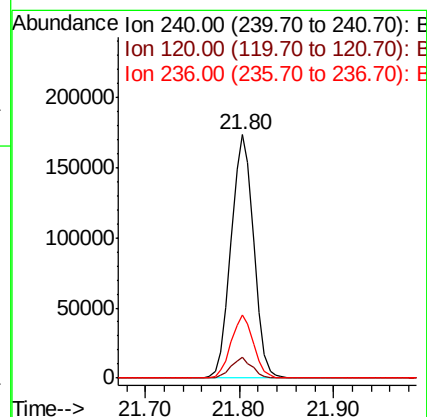
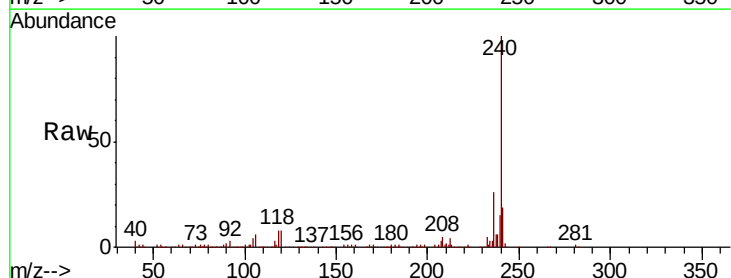
Instrument :
BNA_G
ClientSampled :
TP-1

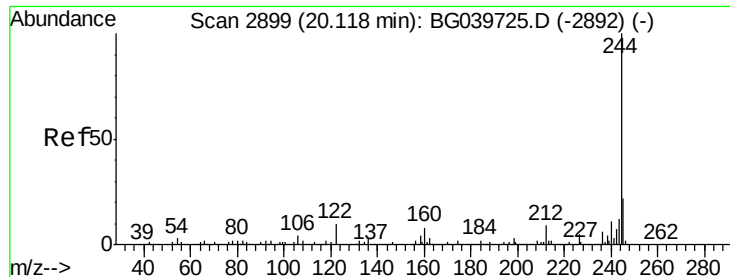
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.2	8.1	12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039966.D
Acq: 16 Mar 2019 7:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	25.7	21.0	31.4





#79

Terphenyl-d14

Concen: 97.300 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039966.D

Acq: 16 Mar 2019 7:50

Instrument :

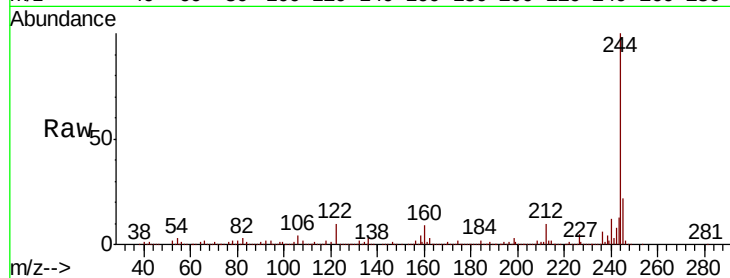
BNA_G

ClientSampleId :

TP-1

Tot Ion:244 Resp: 1280089

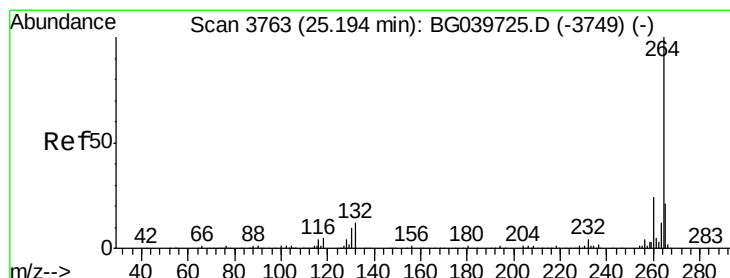
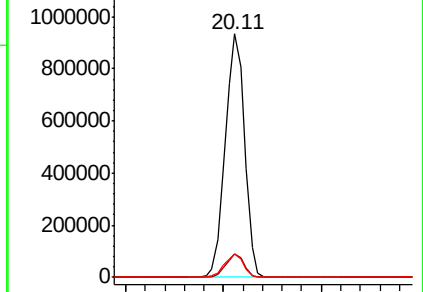
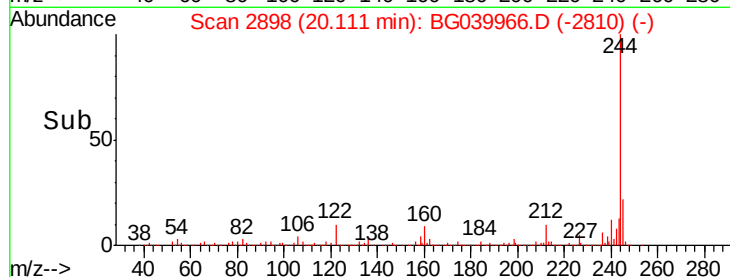
Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	9.6	8.4	12.6



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

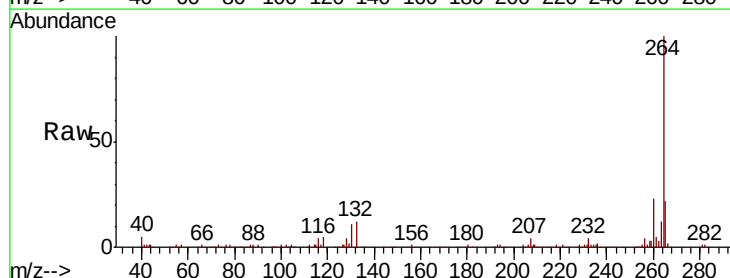
Delta R.T. -0.03 min

Lab File: BG039966.D

Acq: 16 Mar 2019 7:50

Tgt Ion:264 Resp: 288093

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	22.0	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

