

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021319\
 Data File : BG039496.D
 Acq On : 13 Feb 2019 19:57
 Operator : JU/SJ
 Sample : K1343-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-021119-D

Quant Time: Feb 14 03:06:41 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	46642	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	204889	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	152997	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	381212	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	404605	20.00	ng	-0.02
87) Perylene-d12	25.21	264	392671	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	405207	148.69	ng	0.00
7) Phenol-d6	7.31	99	533544	133.01	ng	0.00
23) Nitrobenzene-d5	9.34	82	392887	119.79	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	240966	146.26	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	982142	92.09	ng	-0.01
79) Terphenyl-d14	20.13	244	1677459	87.76	ng	-0.02

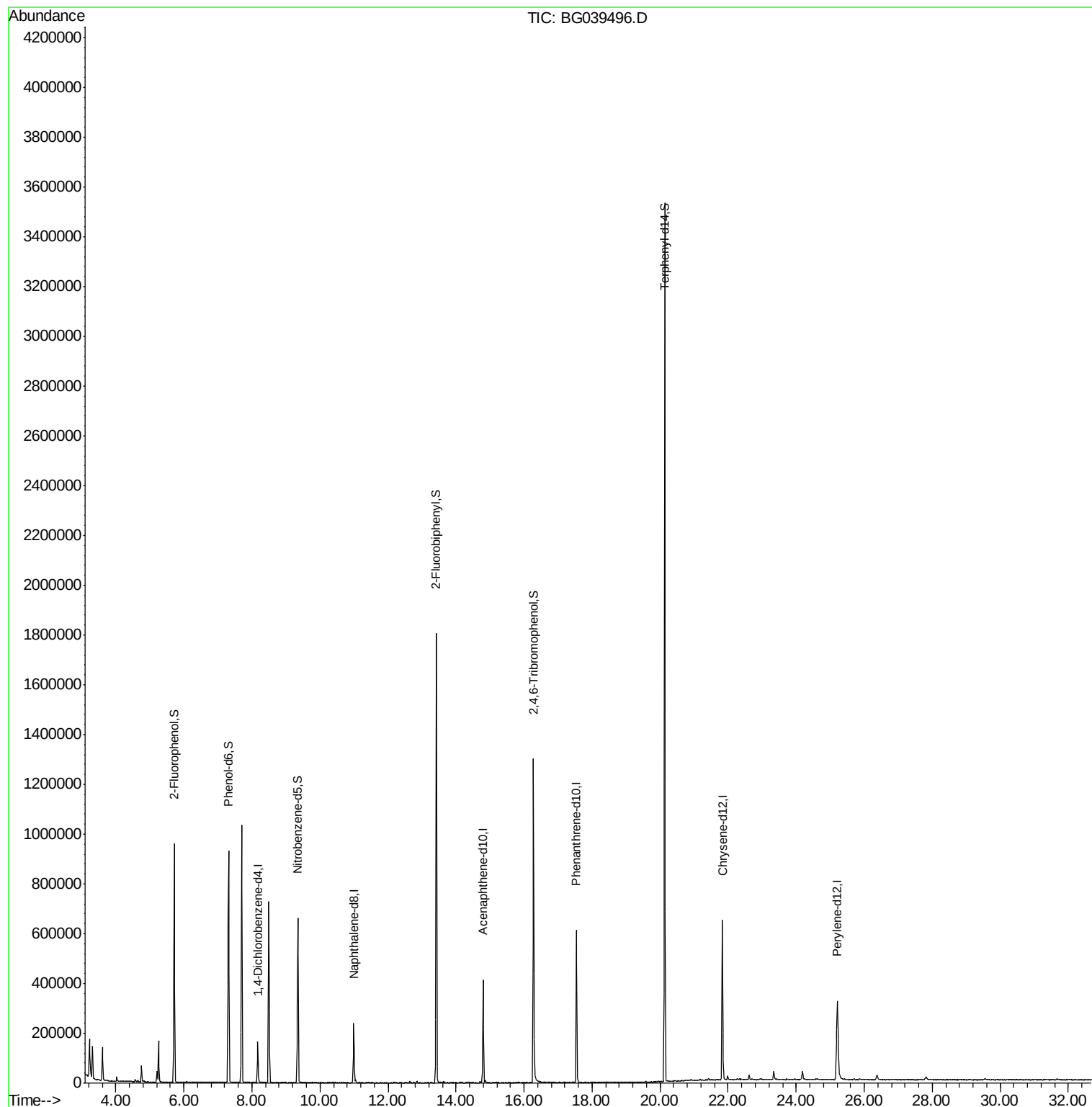
Target Compounds Qvalue

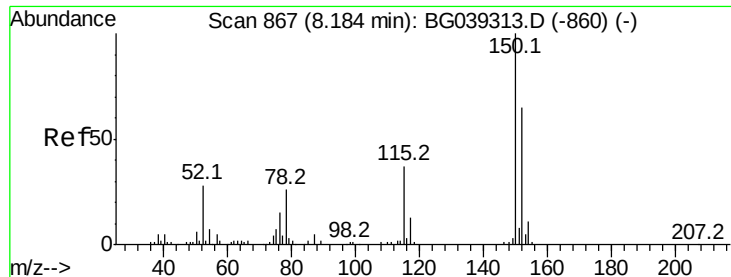
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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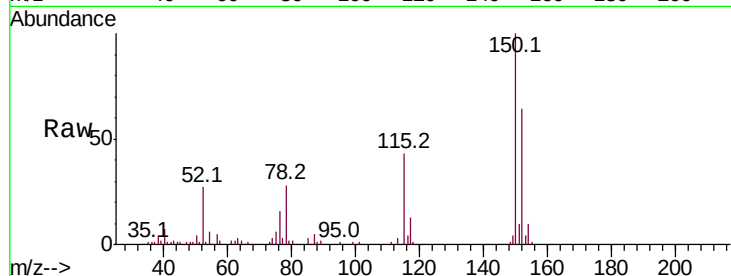


#1

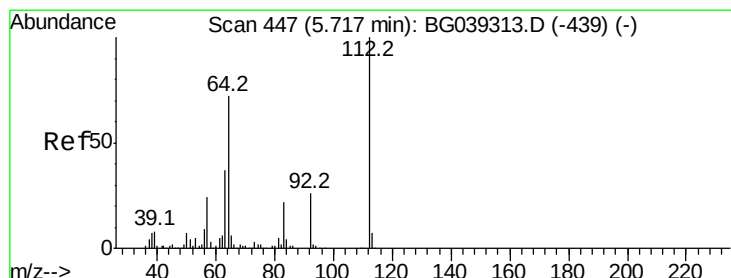
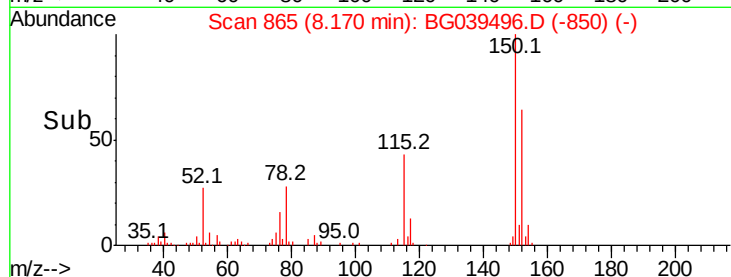
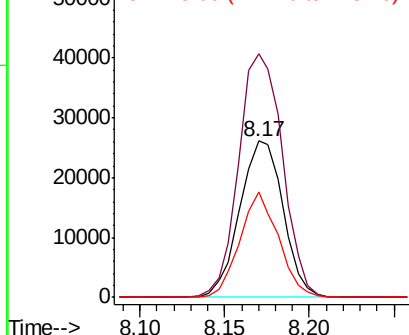
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039496.D
Acq: 13 Feb 2019 19:57

Instrument :
BNA_G
ClientSampleId :
JC-02-021119-D

Tot Ion:152 Resp: 46642
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 67.3 45.9 68.9



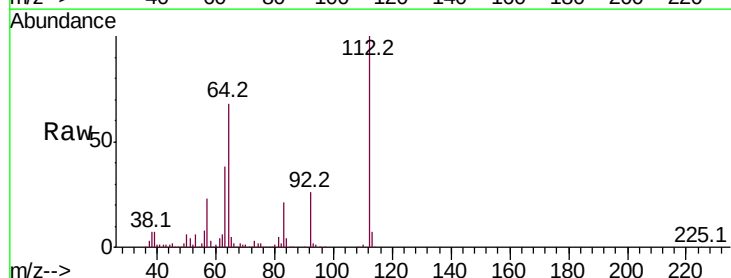
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



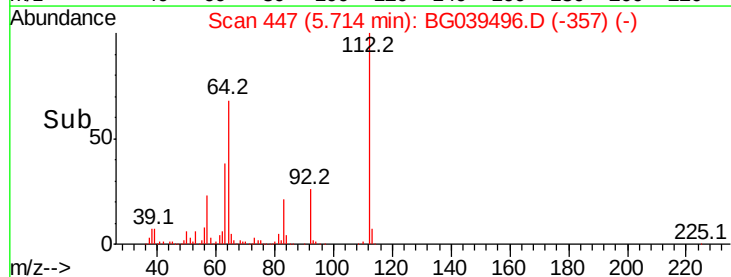
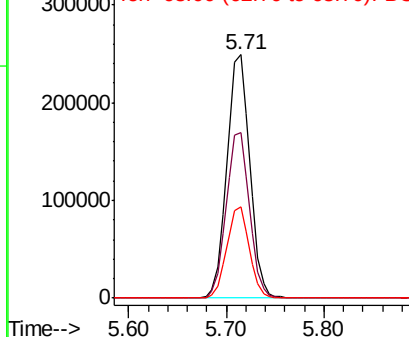
#5

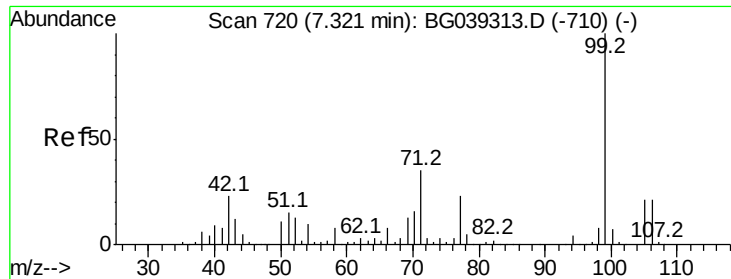
2-Fluorophenol
Concen: 148.689 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039496.D
Acq: 13 Feb 2019 19:57

Tgt Ion:112 Resp: 405207
Ion Ratio Lower Upper
112 100
64 68.0 57.8 86.8
63 37.5 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: 133.006 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039496.D

Acq: 13 Feb 2019 19:57

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-D

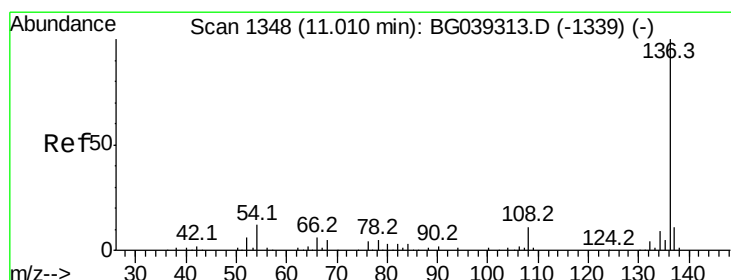
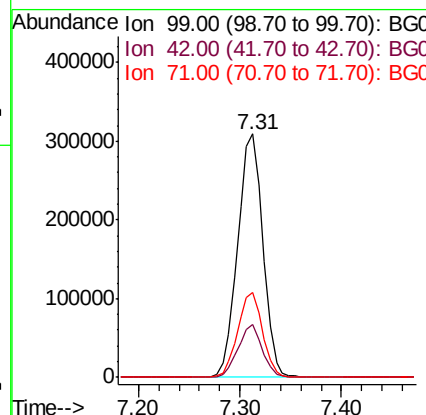
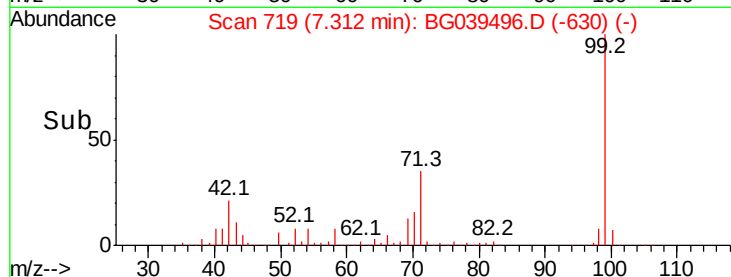
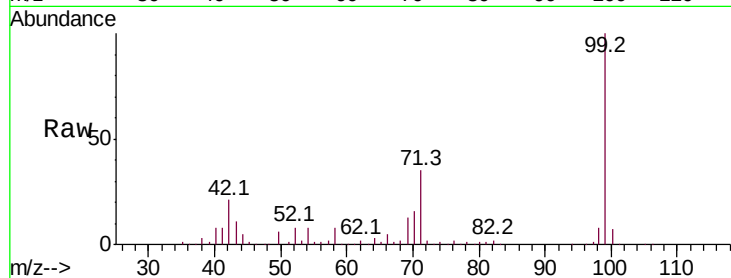
Tot Ion: 99 Resp: 533544

Ion Ratio Lower Upper

99 100

42 21.5 18.2 27.2

71 34.8 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039496.D

Acq: 13 Feb 2019 19:57

Tgt Ion: 136 Resp: 204889

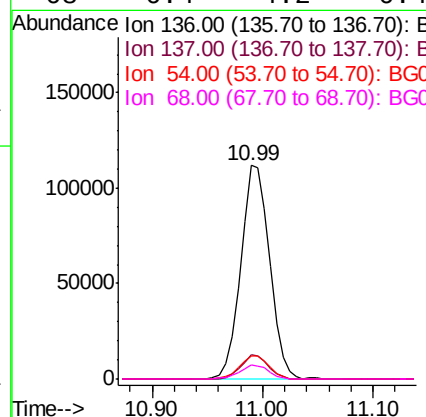
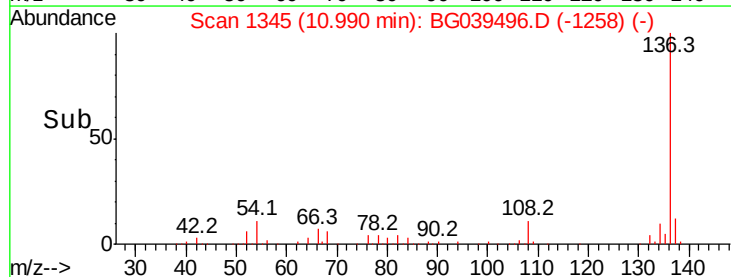
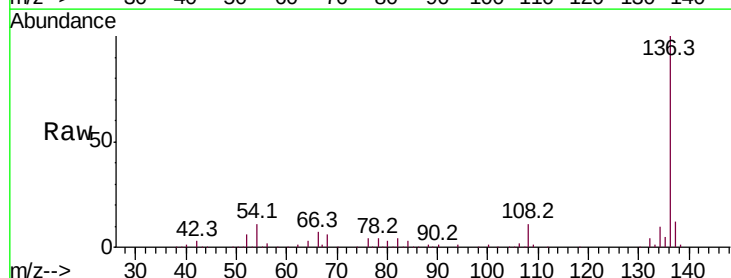
Ion Ratio Lower Upper

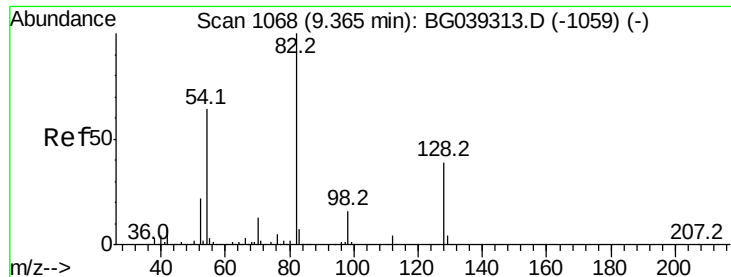
136 100

137 11.5 9.1 13.7

54 10.6 9.4 14.2

68 6.4 4.2 6.4#

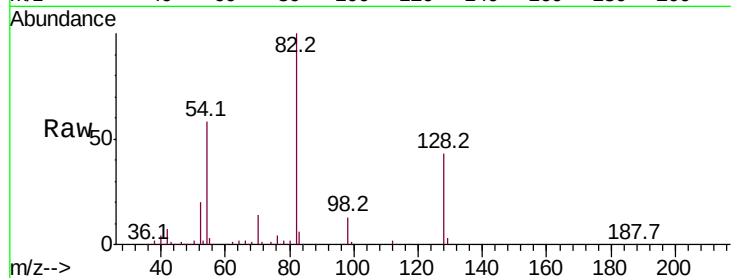




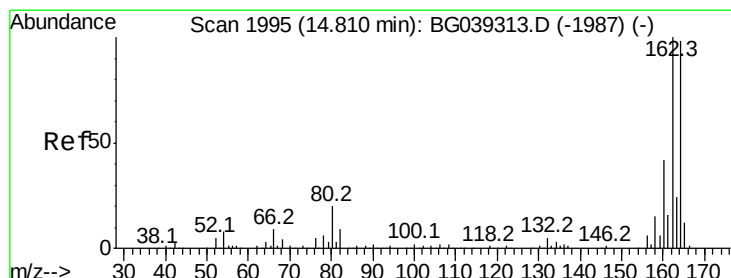
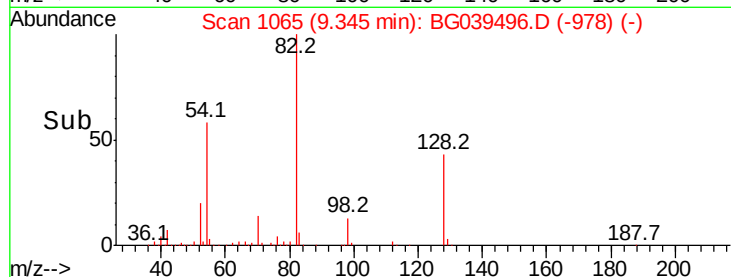
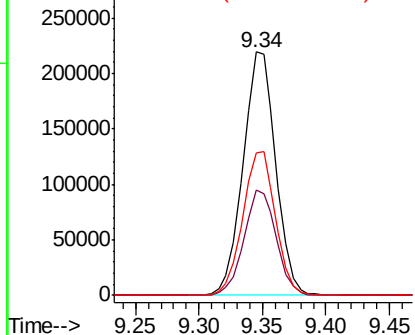
#23
Nitrobenzene-d5
Concen: 119.793 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039496.D
Acq: 13 Feb 2019 19:57

Instrument :
BNA_G
ClientSampleId :
JC-02-021119-D

Tot Ion	82	Resp	392887
Ion Ratio	100	Lower	Upper
128	43.1	31.3	46.9
54	58.3	50.9	76.3

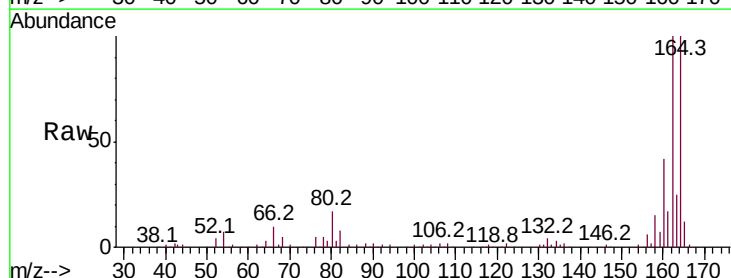


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

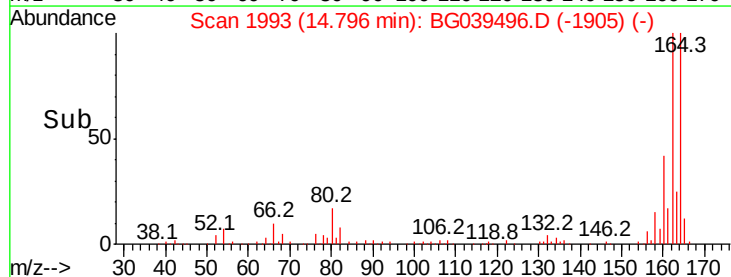
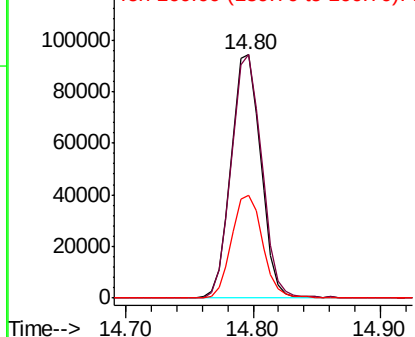


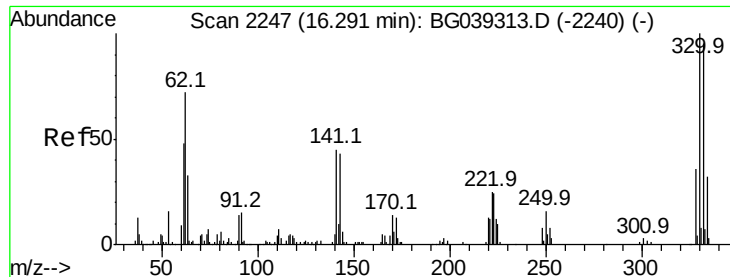
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039496.D
Acq: 13 Feb 2019 19:57

Tgt Ion	164	Resp	152997
Ion Ratio	100	Lower	Upper
162	100.2	81.6	122.4
160	42.4	34.2	51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 146.260 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039496.D

Acq: 13 Feb 2019 19:57

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-D

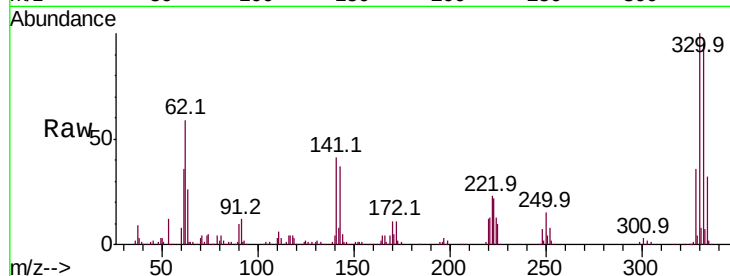
Tot Ion:330 Resp: 240966

Ion Ratio Lower Upper

330 100

332 97.5 75.7 113.5

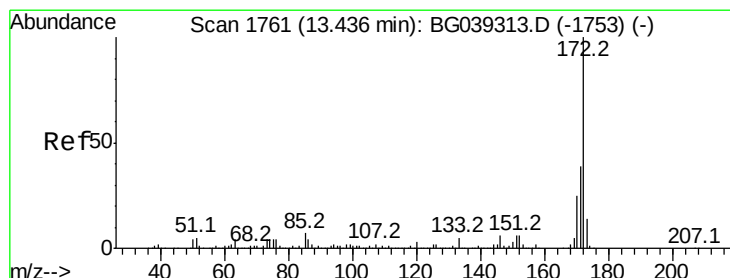
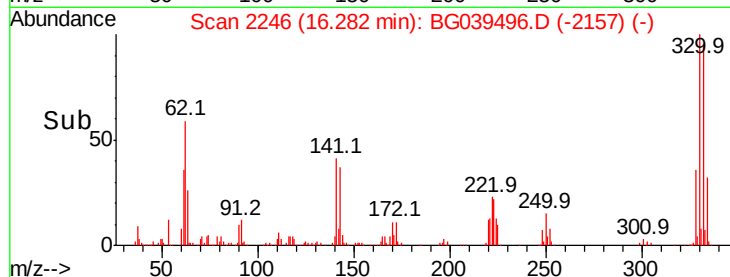
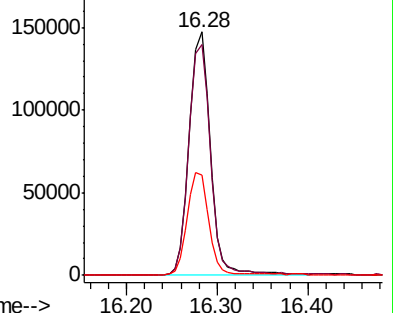
141 42.8 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E

200000 Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 92.089 ng

RT: 13.42 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG039496.D

Acq: 13 Feb 2019 19:57

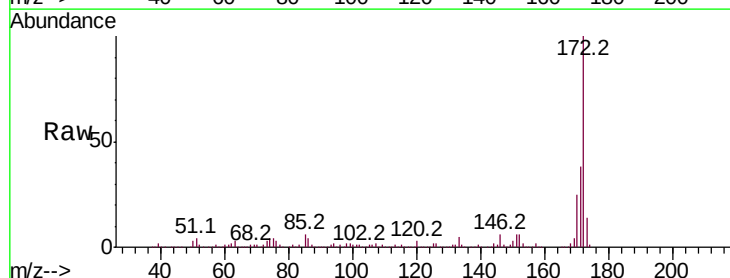
Tgt Ion:172 Resp: 982142

Ion Ratio Lower Upper

172 100

171 37.8 30.8 46.2

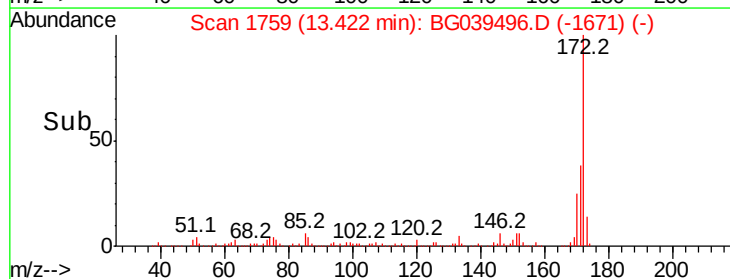
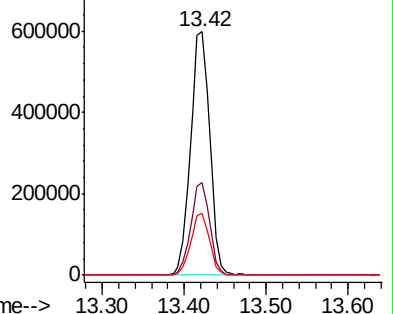
170 25.2 20.2 30.4

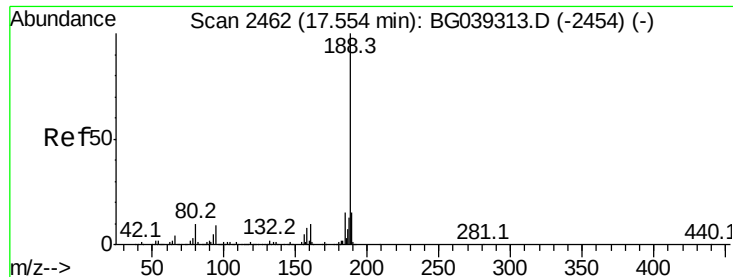


Abundance Ion 172.00 (171.70 to 172.70): E

800000 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: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039496.D

Acq: 13 Feb 2019 19:57

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-D

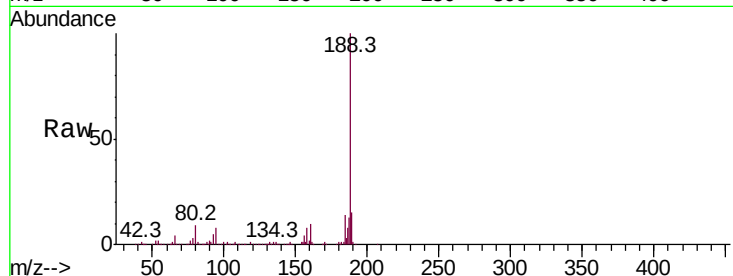
Tot Ion:188 Resp: 381212

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

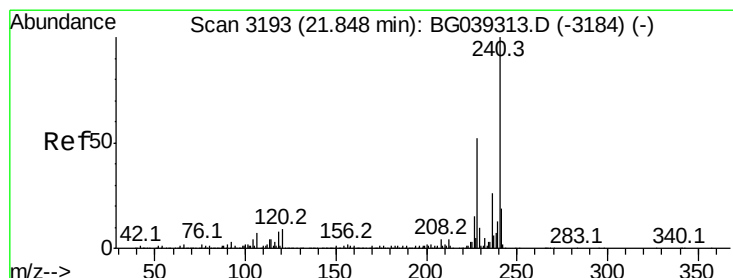
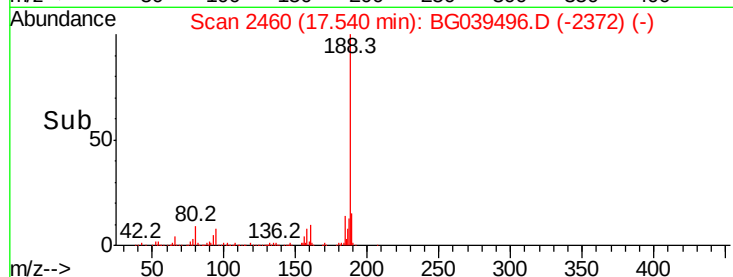
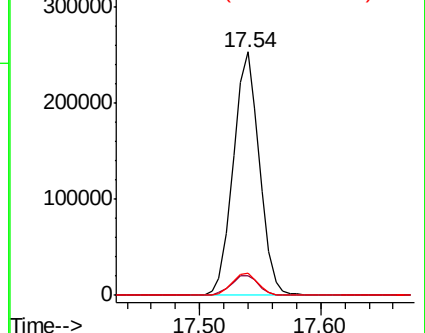
80 8.9 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039496.D

Acq: 13 Feb 2019 19:57

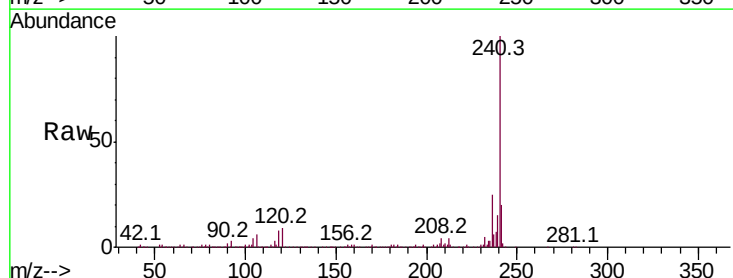
Tgt Ion:240 Resp: 404605

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

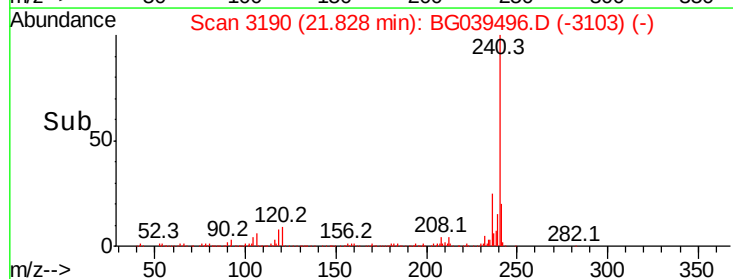
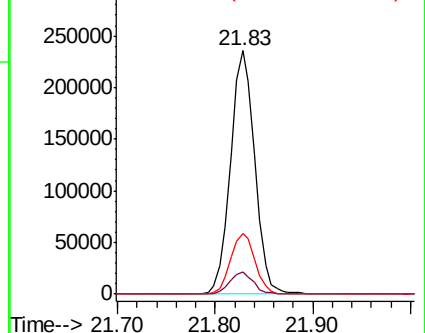
236 25.0 21.0 31.4

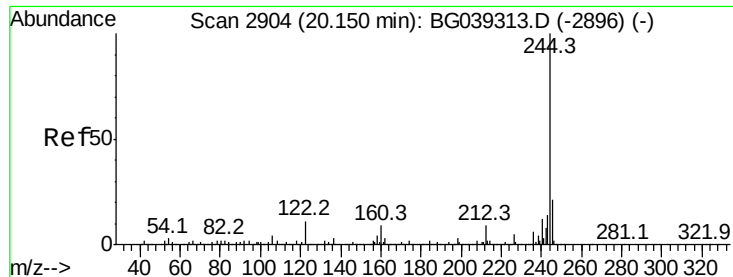


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.756 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039496.D

Acq: 13 Feb 2019 19:57

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-D

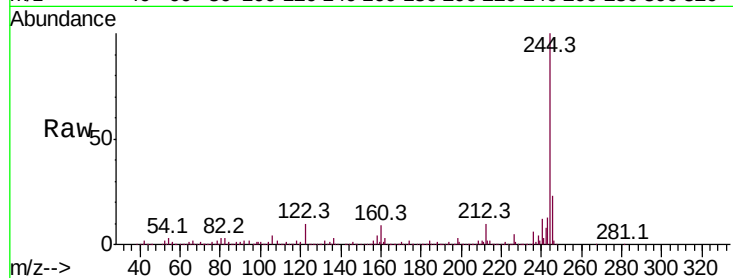
Tot Ion:244 Resp: 1677459

Ion Ratio Lower Upper

244 100

212 9.7 7.3 10.9

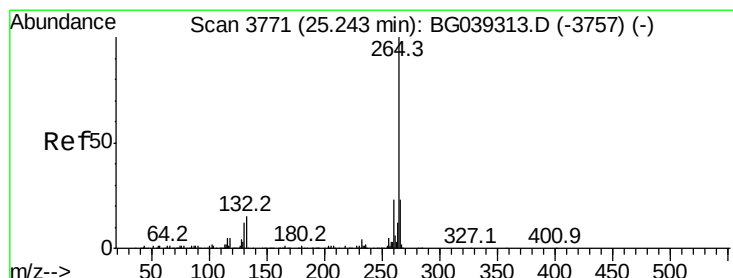
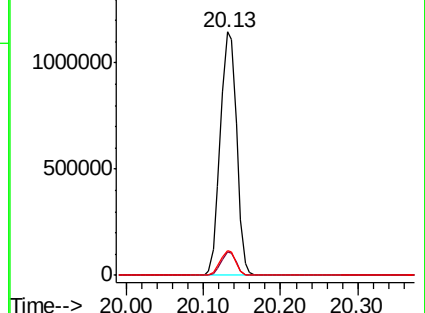
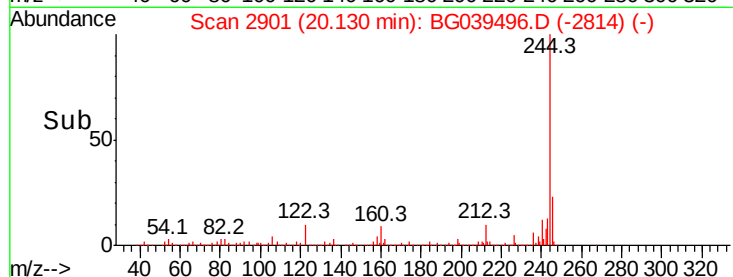
122 10.2 8.4 12.6



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: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039496.D

Acq: 13 Feb 2019 19:57

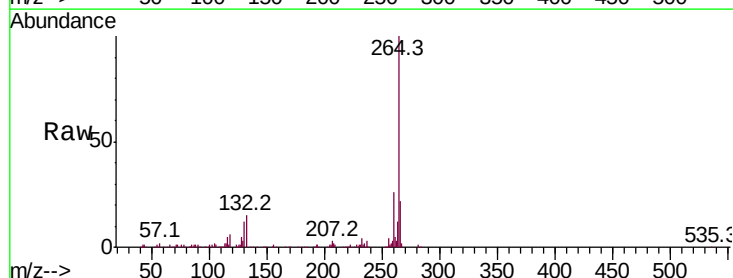
Tgt Ion:264 Resp: 392671

Ion Ratio Lower Upper

264 100

260 25.7 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

