

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021319\
 Data File : BG039493.D
 Acq On : 13 Feb 2019 17:58
 Operator : JU/SJ
 Sample : K1343-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 14 03:01:59 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	45943	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	202574	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	148684	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	373554	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	394007	20.00	ng	-0.02
87) Perylene-d12	25.21	264	385214	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	384654	143.29	ng	0.00
7) Phenol-d6	7.31	99	515849	130.55	ng	0.00
23) Nitrobenzene-d5	9.35	82	381904	117.77	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	253624	158.41	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	951537	91.81	ng	-0.02
79) Terphenyl-d14	20.14	244	1637843	87.99	ng	-0.02

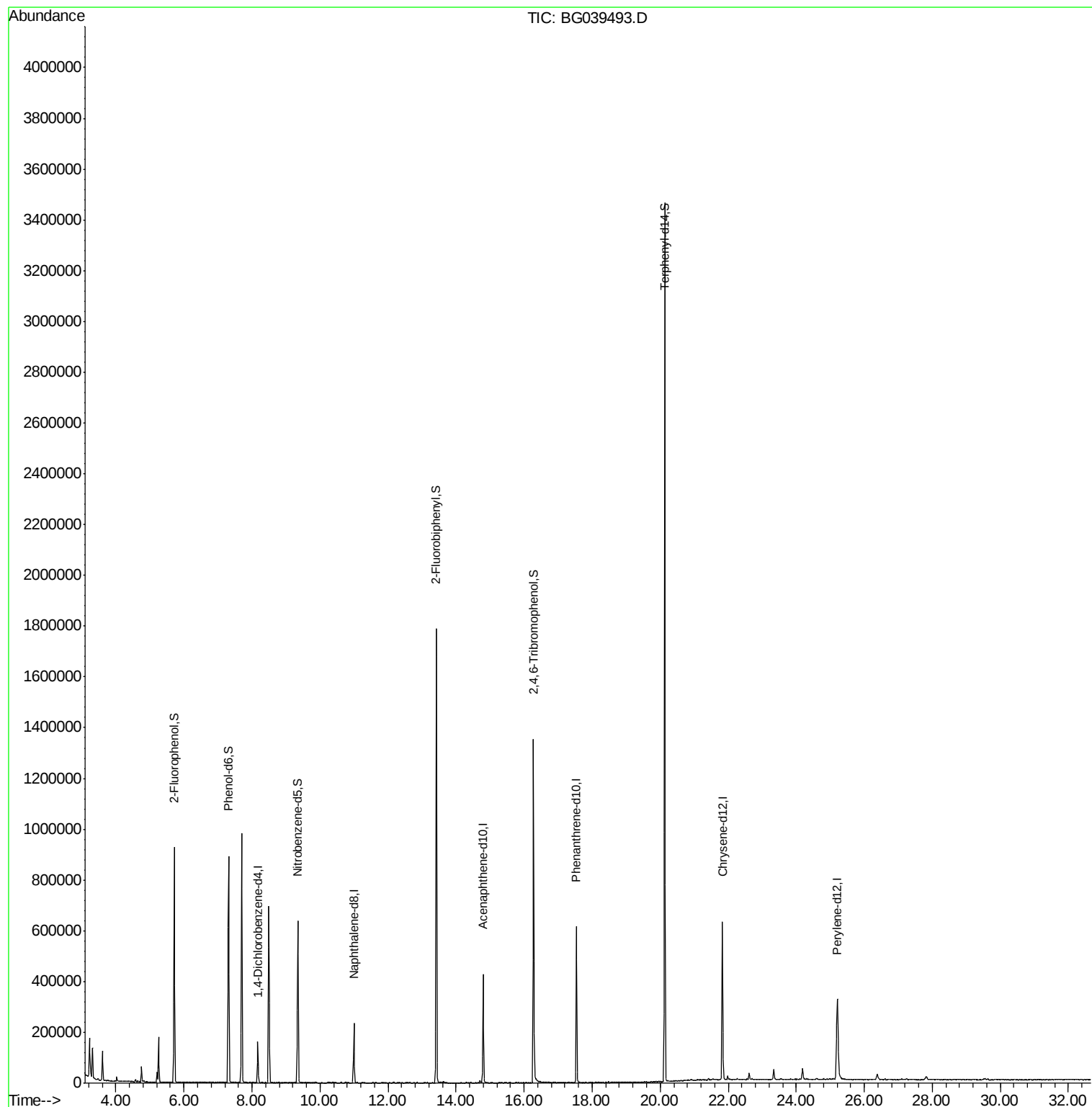
Target Compounds Qvalue

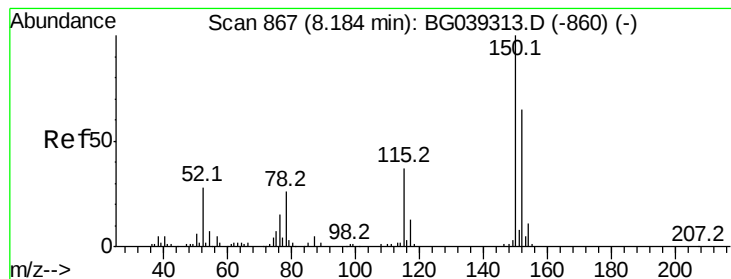
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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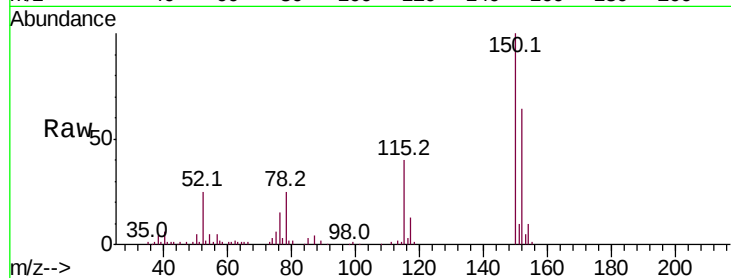


#1

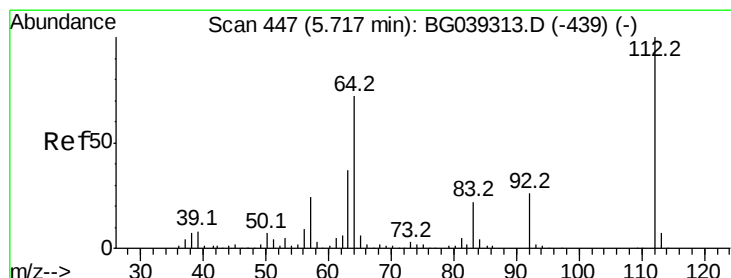
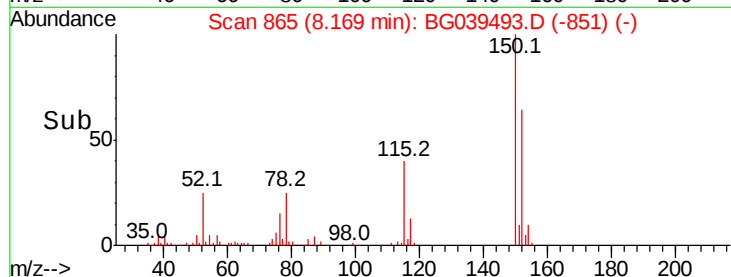
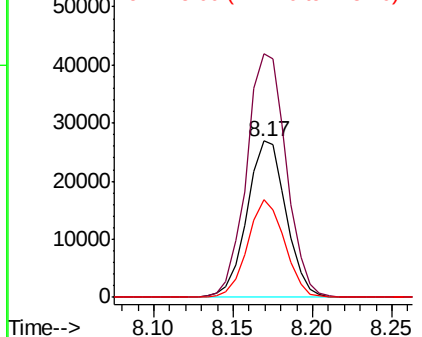
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039493.D
Acq: 13 Feb 2019 17:58

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

Tot Ion:152 Resp: 45943
Ion Ratio Lower Upper
152 100
150 155.9 123.7 185.5
115 62.3 45.9 68.9



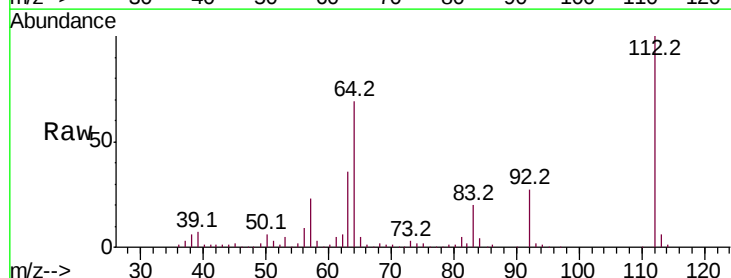
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



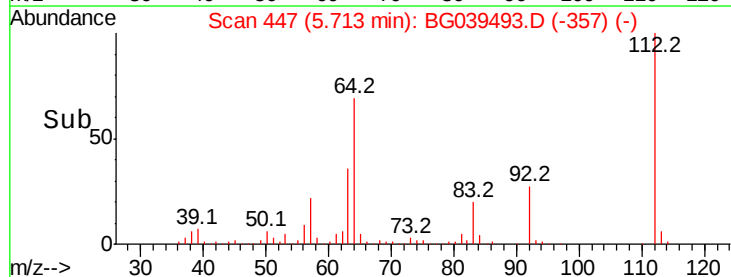
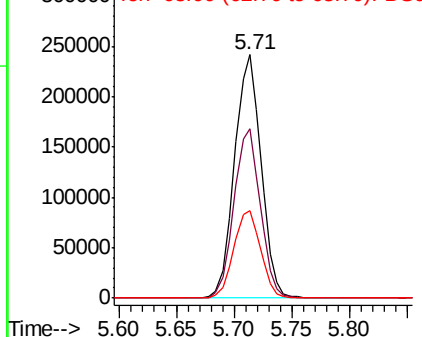
#5

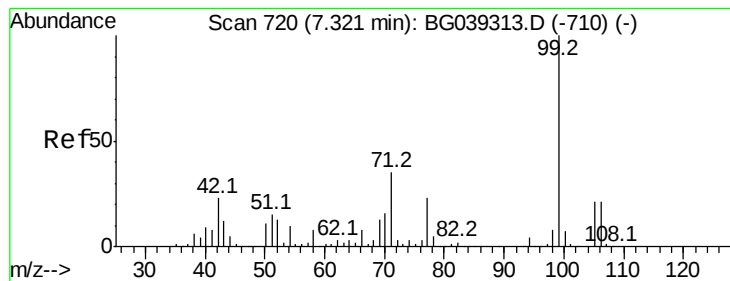
2-Fluorophenol
Concen: 143.295 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039493.D
Acq: 13 Feb 2019 17:58

Tgt Ion:112 Resp: 384654
Ion Ratio Lower Upper
112 100
64 69.3 57.8 86.8
63 36.0 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: 130.552 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039493.D

Acq: 13 Feb 2019 17:58

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-A

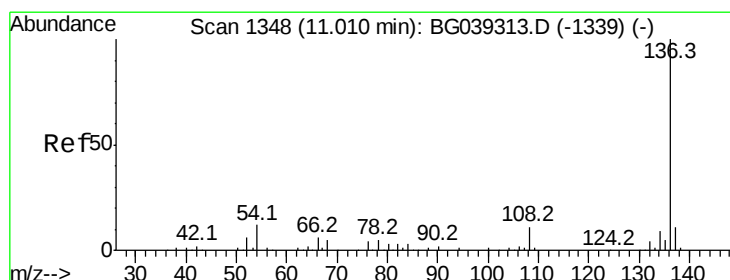
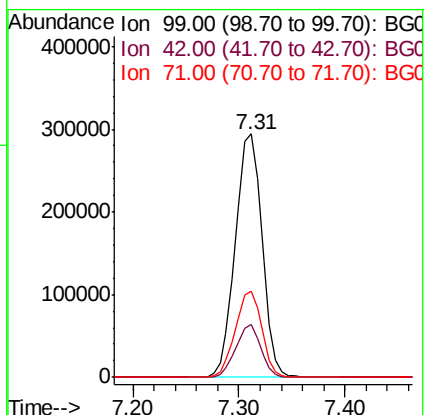
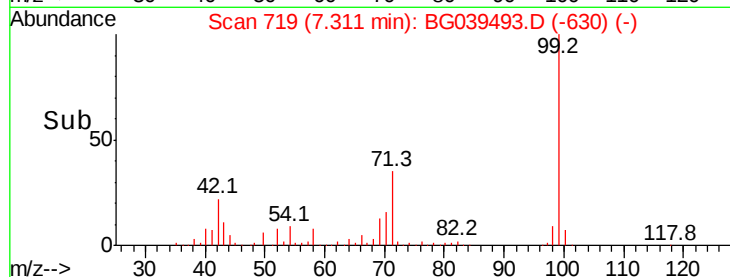
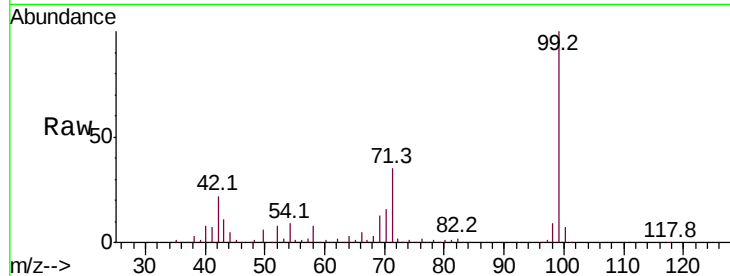
Tot Ion: 99 Resp: 515849

Ion Ratio Lower Upper

99 100

42 21.5 18.2 27.2

71 35.2 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BG039493.D

Acq: 13 Feb 2019 17:58

Tgt Ion: 136 Resp: 202574

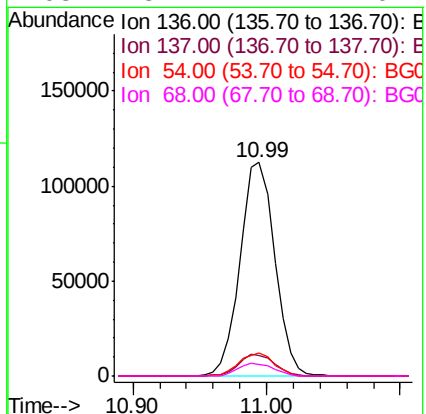
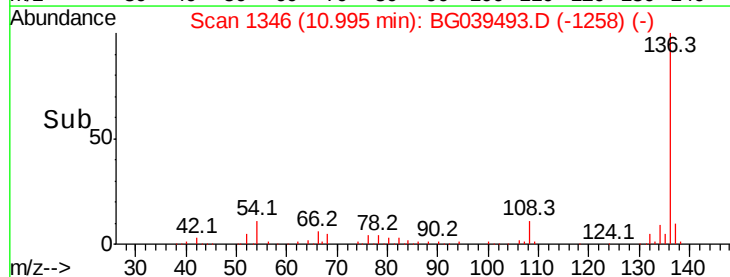
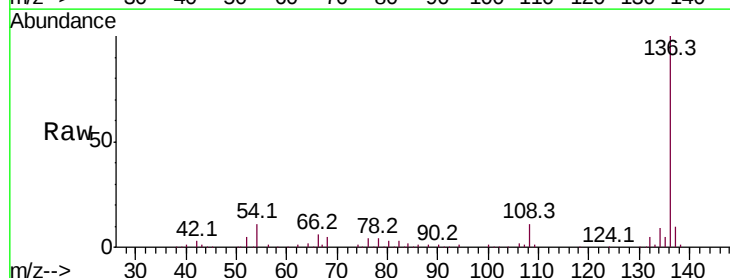
Ion Ratio Lower Upper

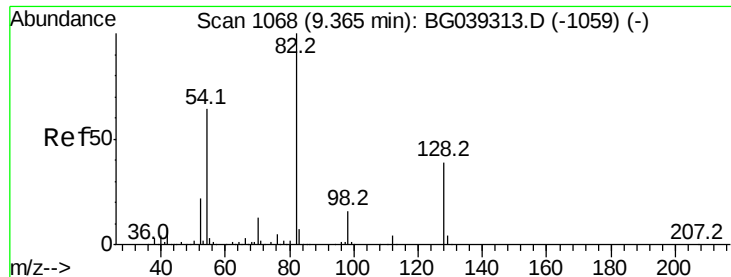
136 100

137 9.8 9.1 13.7

54 10.8 9.4 14.2

68 5.4 4.2 6.4

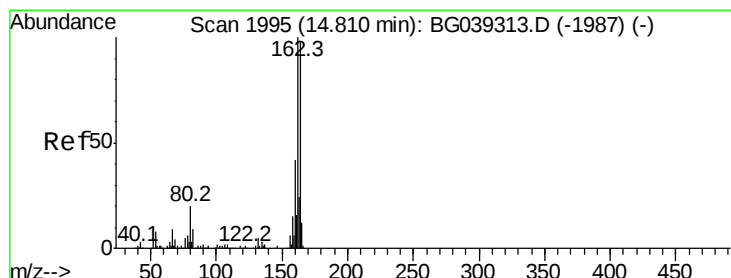
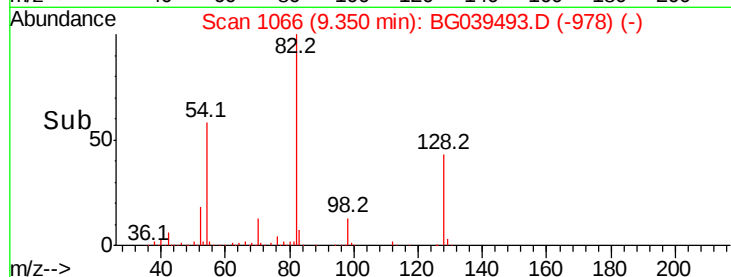
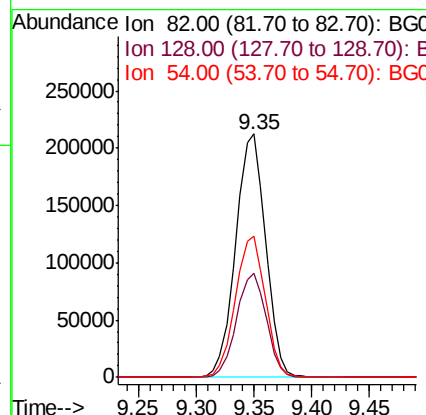
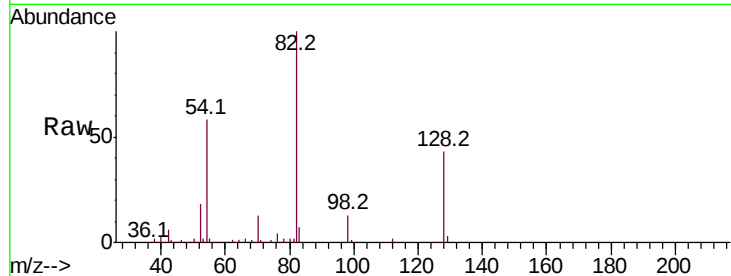




#23
 Nitrobenzene-d5
 Concen: 117.775 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039493.D
 Acq: 13 Feb 2019 17:58

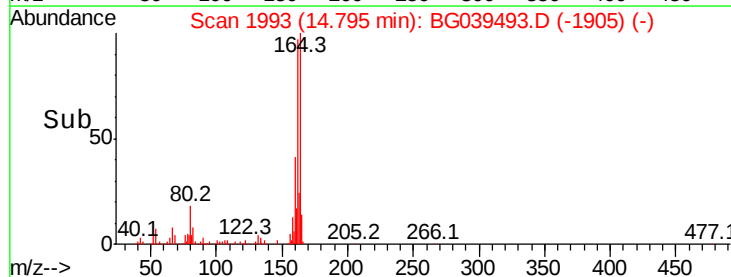
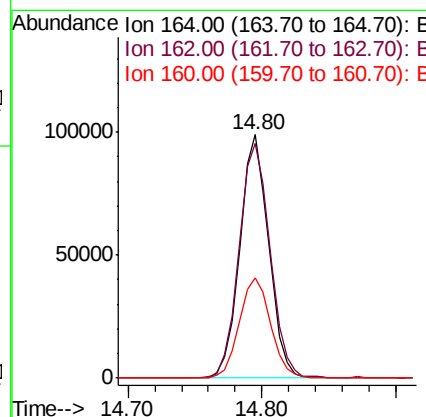
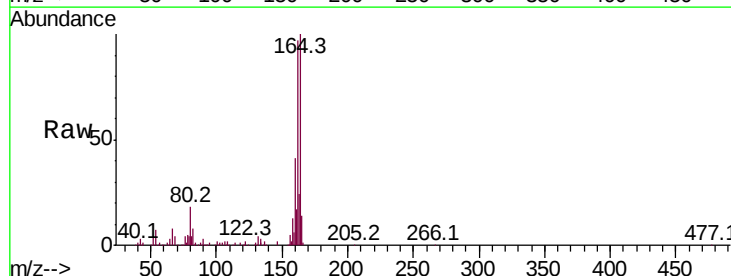
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-021119-A

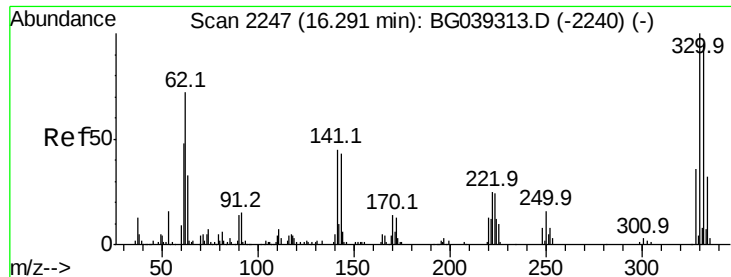
Tot Ion	82	Resp	381904
Ion Ratio	Lower	Upper	
82	100		
128	43.0	31.3	46.9
54	57.8	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BG039493.D
 Acq: 13 Feb 2019 17:58

Tgt Ion	164	Resp	148684
Ion Ratio	Lower	Upper	
164	100		
162	96.6	81.6	122.4
160	41.4	34.2	51.2

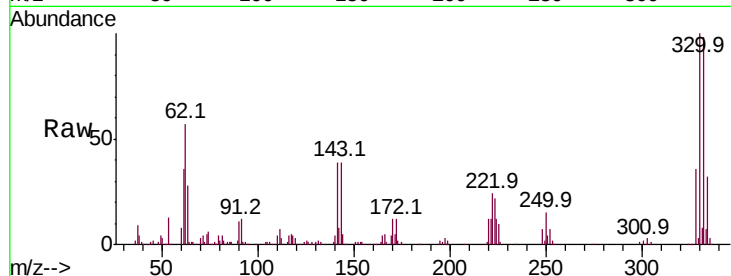




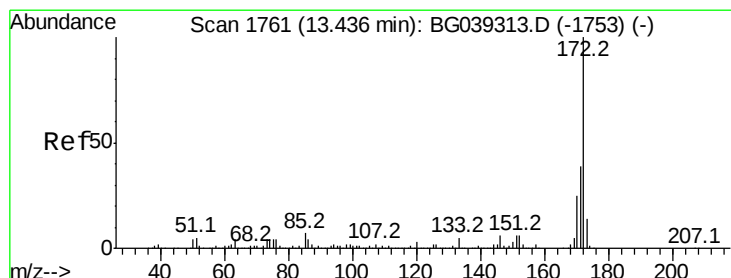
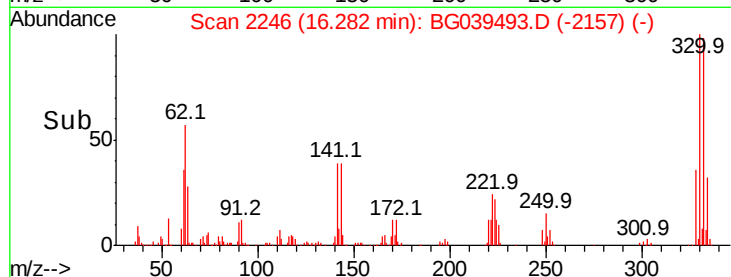
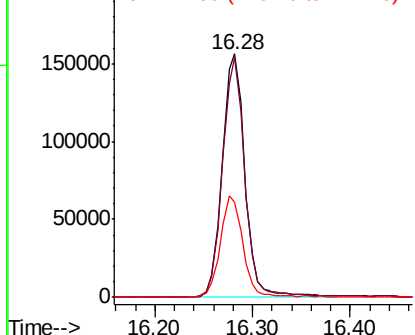
#42
 2,4,6-Tribromophenol
 Concen: 158.409 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039493.D
 Acq: 13 Feb 2019 17:58

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

Tot Ion:330 Resp: 253624
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.7 113.5
 141 40.9 35.6 53.4

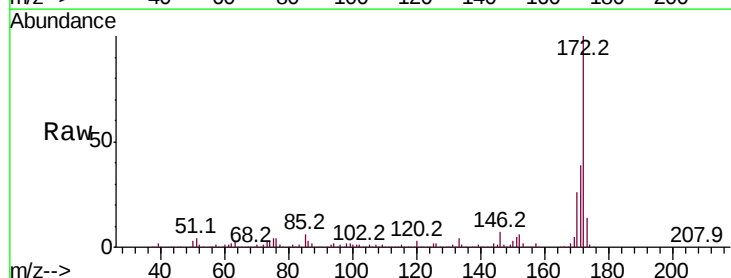


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

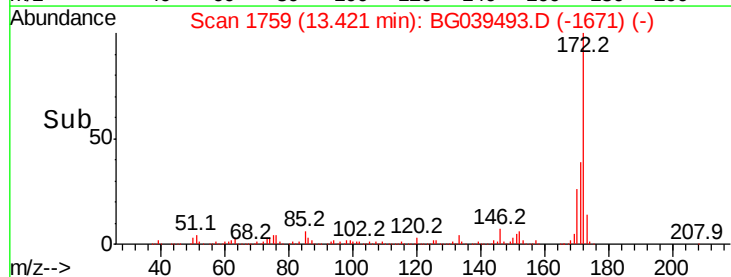
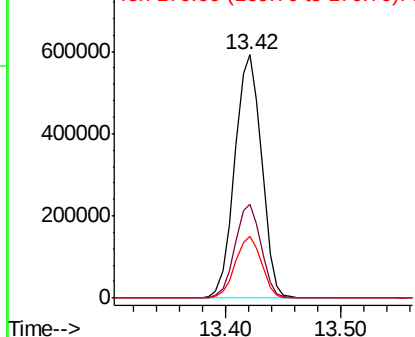


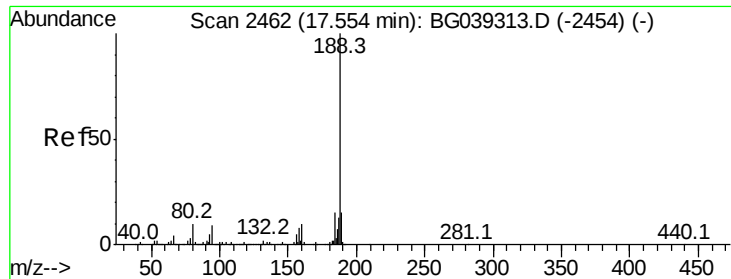
#45
 2-Fluorobiphenyl
 Concen: 91.807 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG039493.D
 Acq: 13 Feb 2019 17:58

Tgt Ion:172 Resp: 951537
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.8 46.2
 170 25.5 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: 17.54 min Scan# 2460

Delta R.T. -0.02 min

Lab File: BG039493.D

Acq: 13 Feb 2019 17:58

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-A

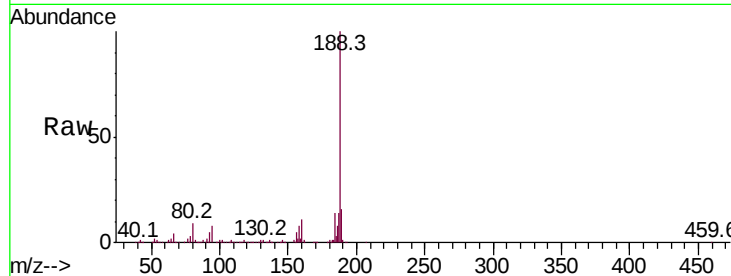
Tot Ion:188 Resp: 373554

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

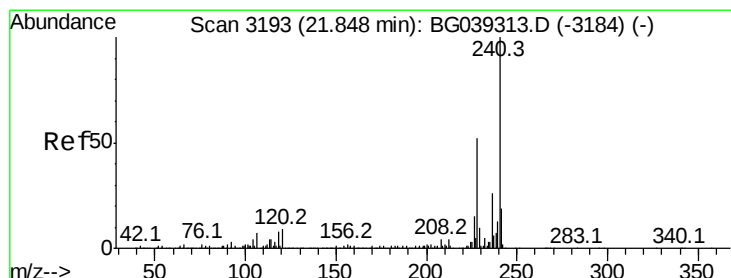
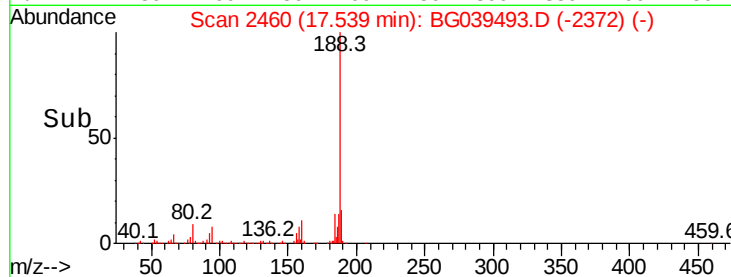
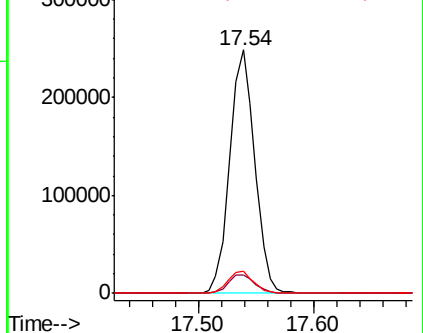
80 9.0 8.1 12.1



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: BG039493.D

Acq: 13 Feb 2019 17:58

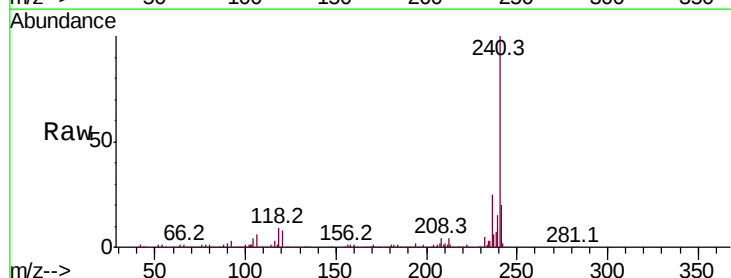
Tgt Ion:240 Resp: 394007

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

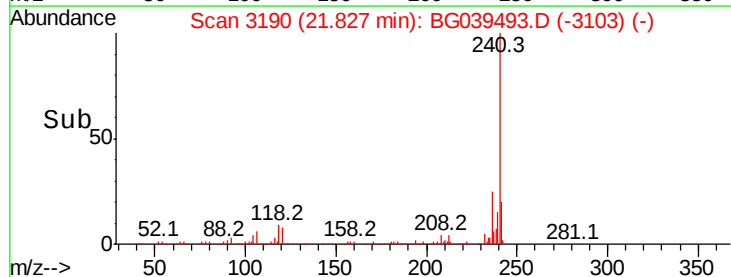
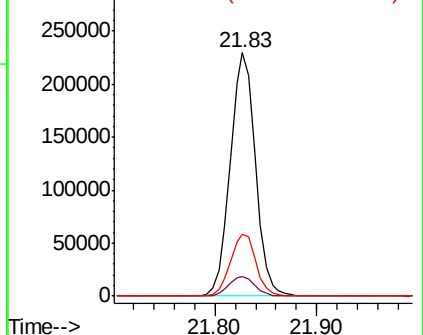
236 25.5 21.0 31.4

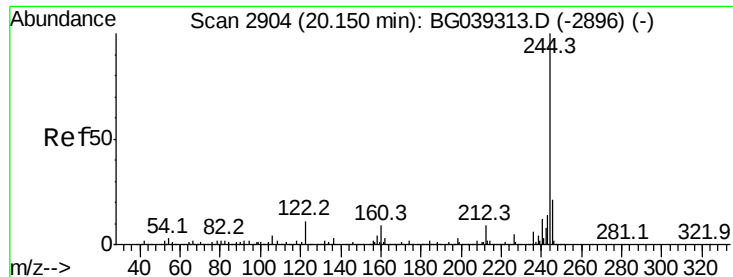


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.988 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG039493.D

Acq: 13 Feb 2019 17:58

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-A

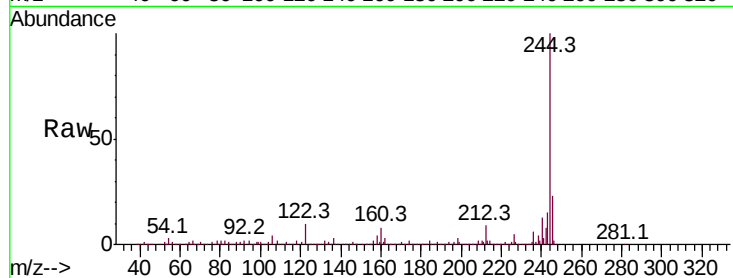
Tot Ion:244 Resp: 1637843

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

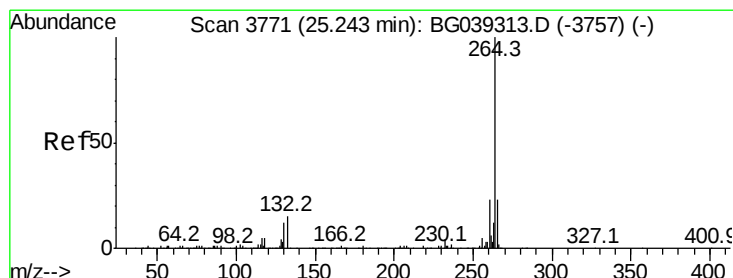
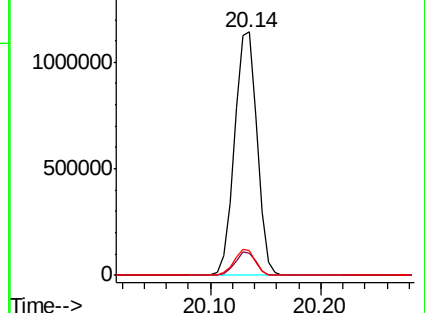
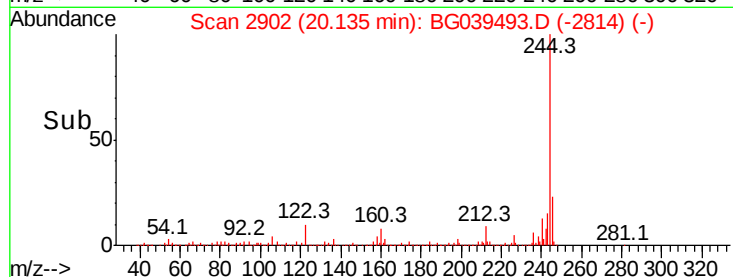
122 9.9 8.4 12.6



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: BG039493.D

Acq: 13 Feb 2019 17:58

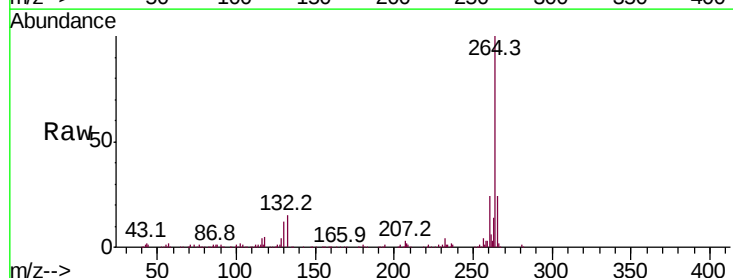
Tgt Ion:264 Resp: 385214

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 23.5 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

