

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021319\
 Data File : BG039497.D
 Acq On : 13 Feb 2019 20:37
 Operator : JU/SJ
 Sample : K1343-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 14 03:07:51 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	44586	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	195560	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	144640	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	362718	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	382708	20.00	ng	-0.02
87) Perylene-d12	25.22	264	366547	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	381283	146.36	ng	0.00
7) Phenol-d6	7.31	99	523690	136.57	ng	0.00
23) Nitrobenzene-d5	9.35	82	364761	116.52	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	222738	143.01	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	930480	92.29	ng	-0.02
79) Terphenyl-d14	20.13	244	1596609	88.31	ng	-0.02

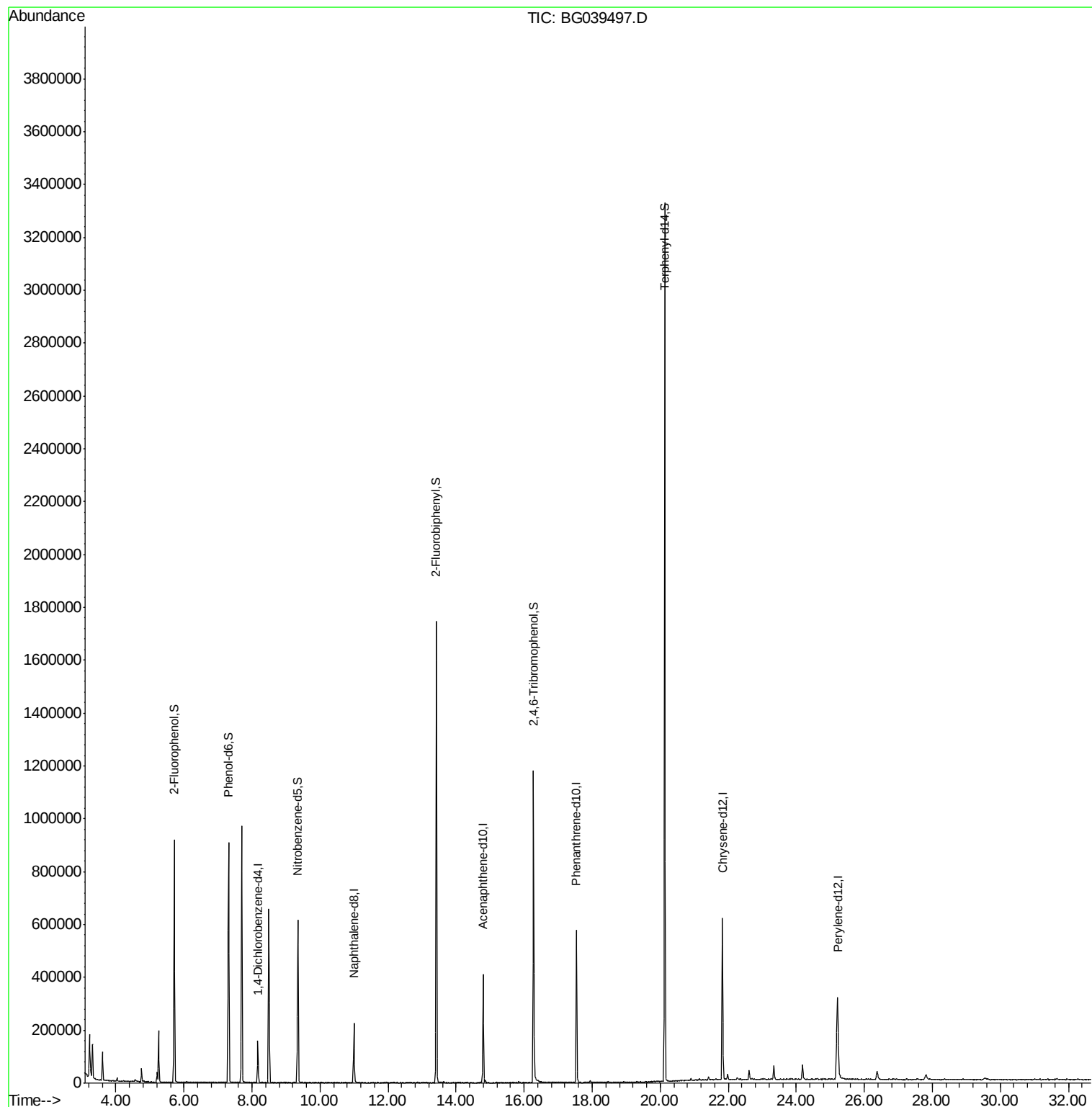
Target Compounds Qvalue

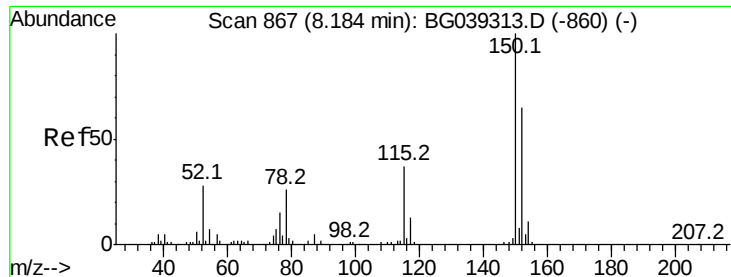
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021319\
Data File : BG039497.D
Acq On : 13 Feb 2019 20:37
Operator : JU/SJ
Sample : K1343-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 14 03:07:51 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



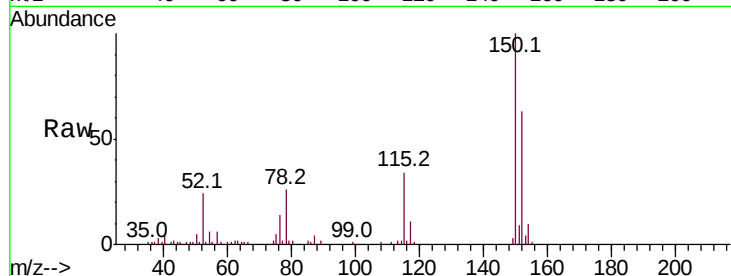


#1

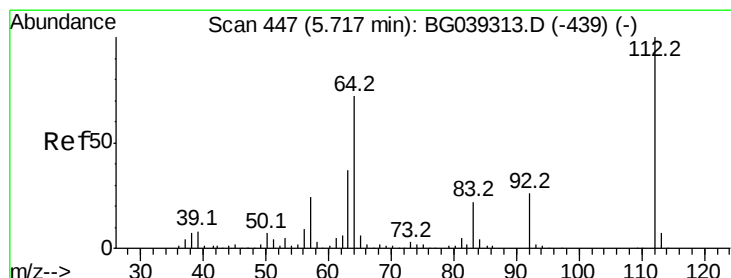
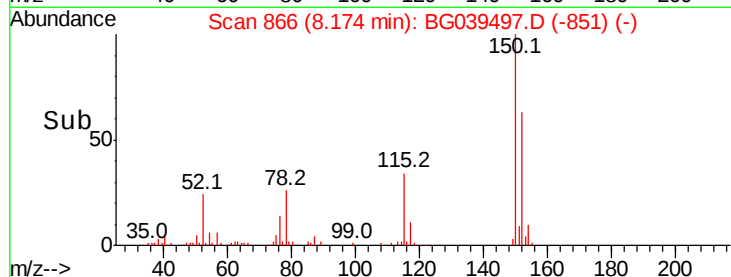
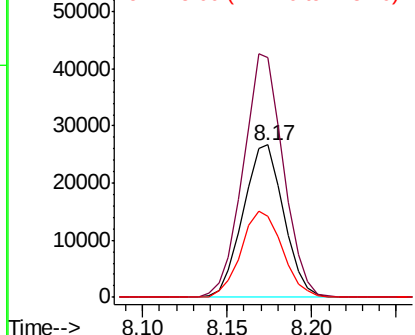
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039497.D
Acq: 13 Feb 2019 20:37

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

Tot Ion:152 Resp: 44586
Ion Ratio Lower Upper
152 100
150 157.5 123.7 185.5
115 53.4 45.9 68.9



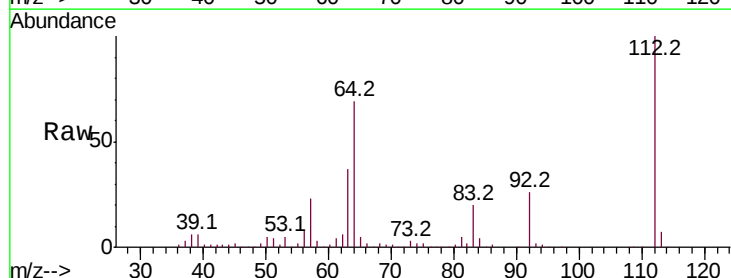
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



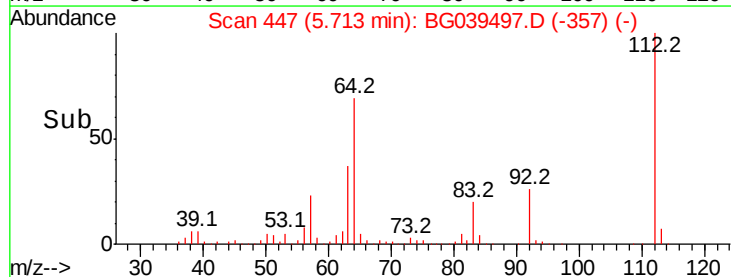
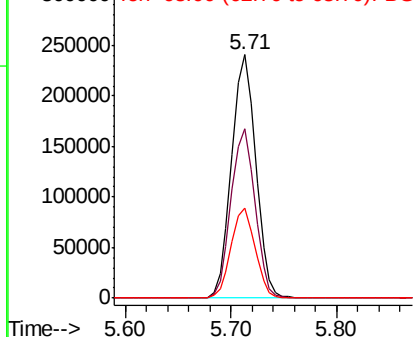
#5

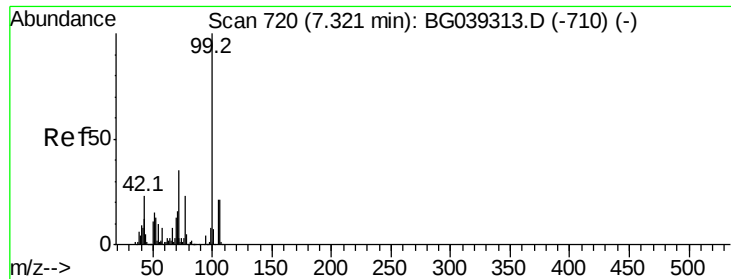
2-Fluorophenol
Concen: 146.362 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039497.D
Acq: 13 Feb 2019 20:37

Tgt Ion:112 Resp: 381283
Ion Ratio Lower Upper
112 100
64 69.4 57.8 86.8
63 36.9 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: 136.570 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039497.D

Acq: 13 Feb 2019 20:37

Instrument :

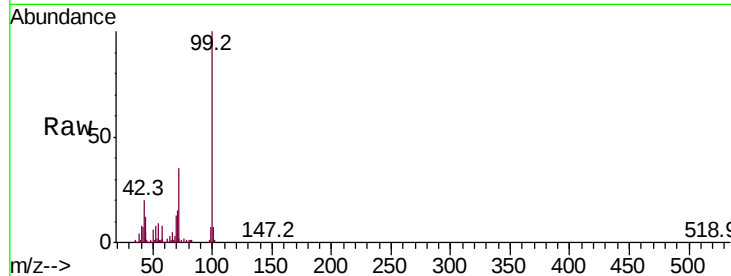
BNA_G

ClientSampleId :

JC-02-021119-E

Tot Ion: 99 Resp: 523690

Ion	Ratio	Lower	Upper
99	100		
42	19.9	18.2	27.2
71	35.1	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

400000

300000

200000

100000

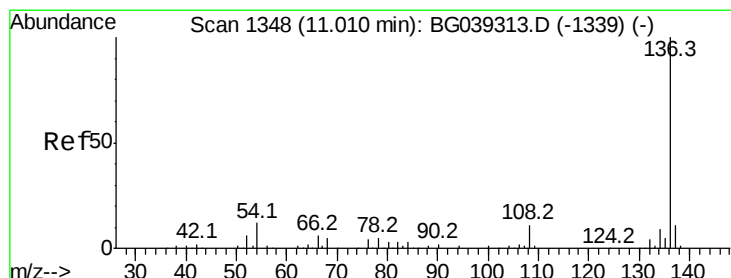
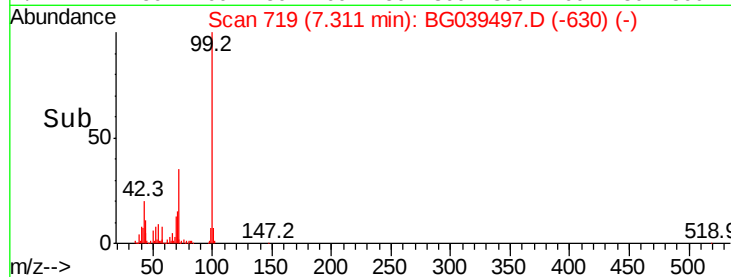
0

7.20

7.31

7.40

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1346

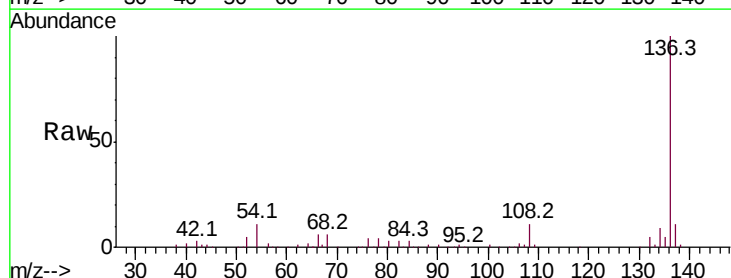
Delta R.T. -0.02 min

Lab File: BG039497.D

Acq: 13 Feb 2019 20:37

Tgt Ion: 136 Resp: 195560

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	11.0	9.4	14.2
68	5.8	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

150000

100000

50000

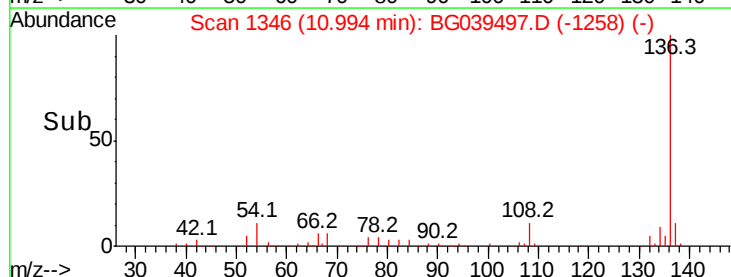
0

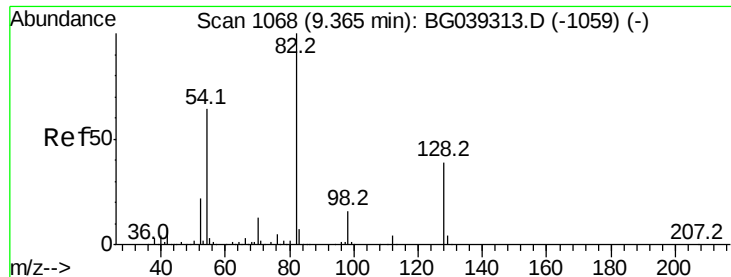
10.90

10.99

11.05

Time-->

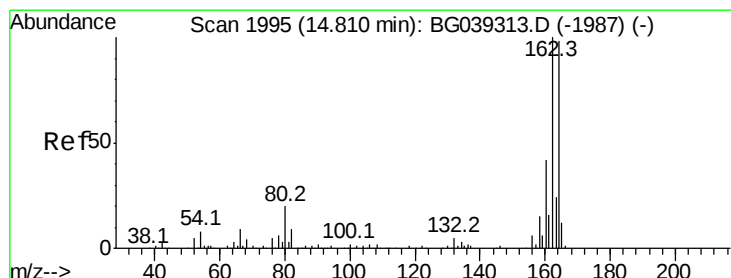
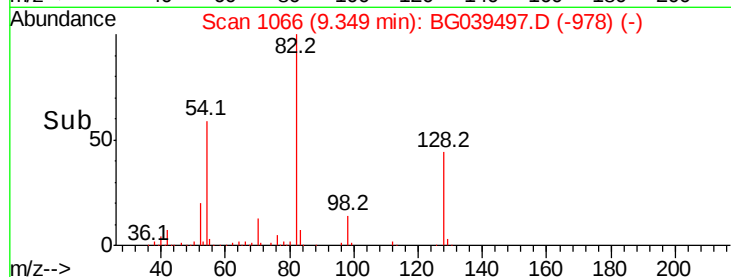
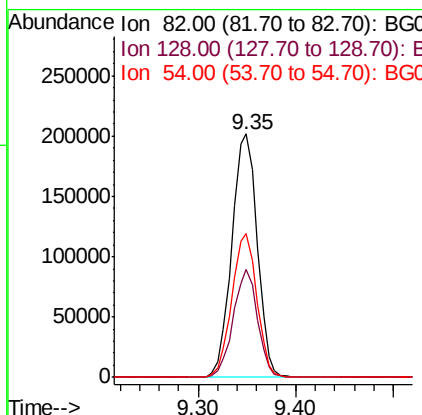
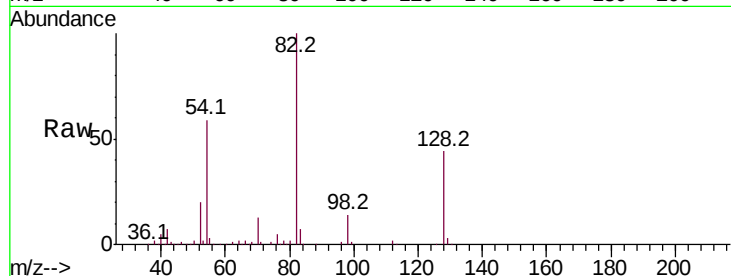




#23
 Nitrobenzene-d5
 Concen: 116.523 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039497.D
 Acq: 13 Feb 2019 20:37

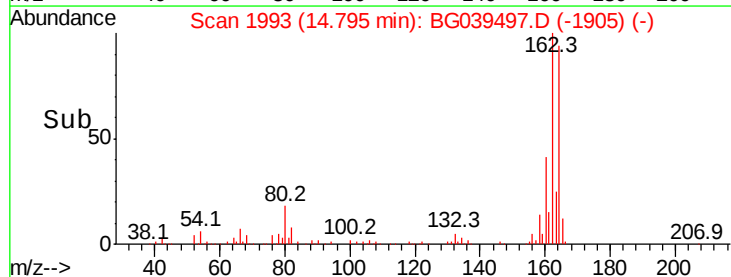
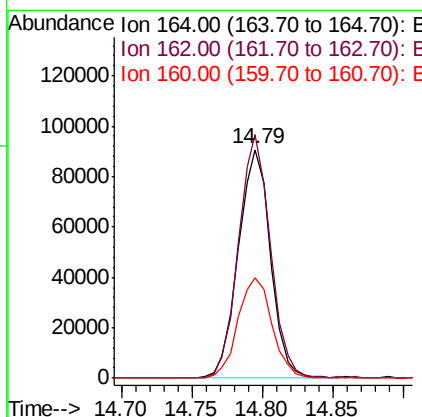
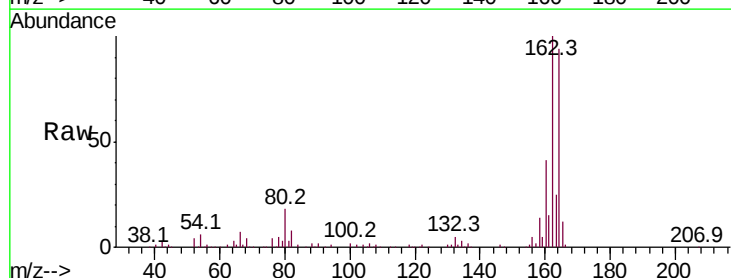
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-021119-E

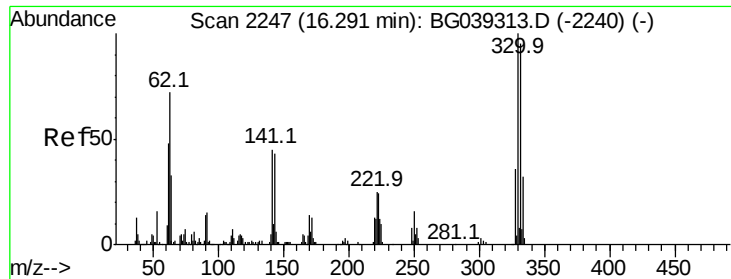
Tot Ion	82	Resp	364761
Ion Ratio	100	Lower	Upper
128	44.2	31.3	46.9
54	59.3	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BG039497.D
 Acq: 13 Feb 2019 20:37

Tgt Ion	164	Resp	144640
Ion Ratio	100	Lower	Upper
162	106.5	81.6	122.4
160	43.9	34.2	51.2

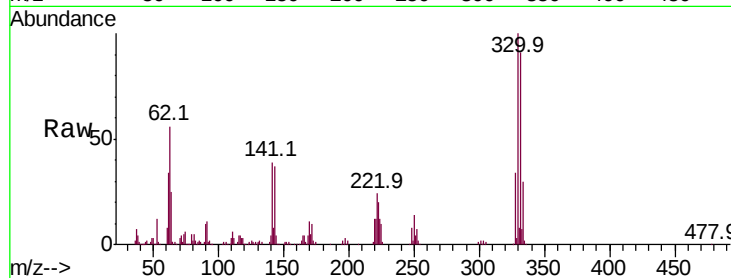




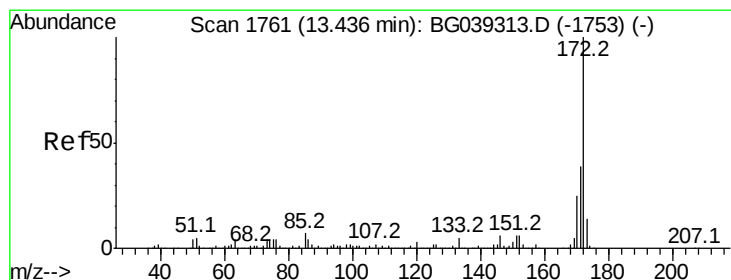
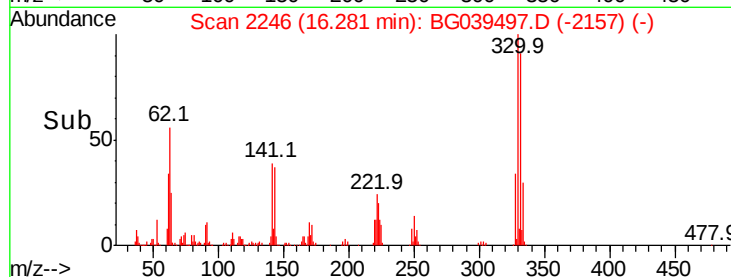
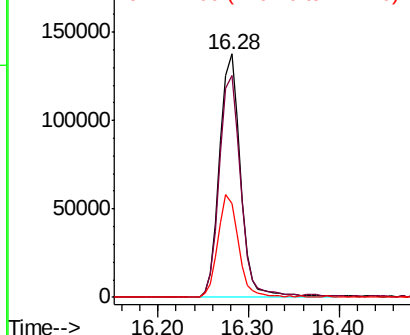
#42
2,4,6-Tribromophenol
Concen: 143.008 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039497.D
Acq: 13 Feb 2019 20:37

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

Tot Ion:330 Resp: 222738
Ion Ratio Lower Upper
330 100
332 92.2 75.7 113.5
141 40.9 35.6 53.4

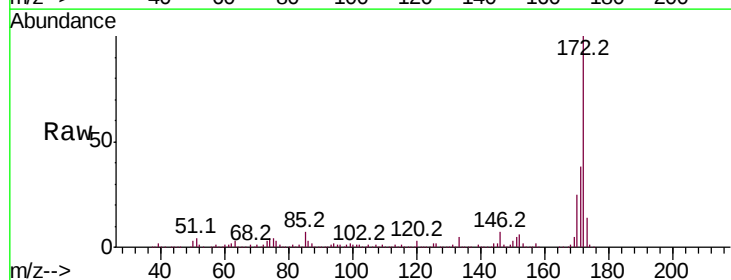


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

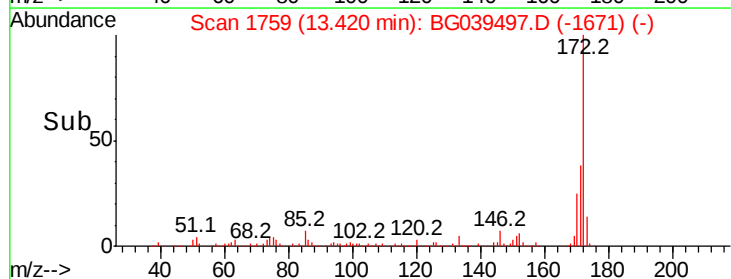
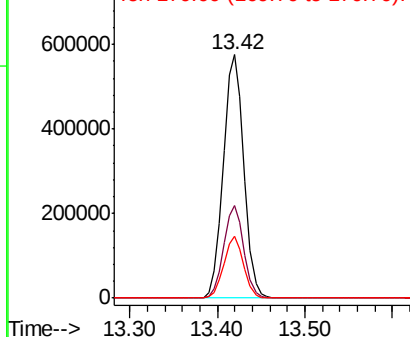


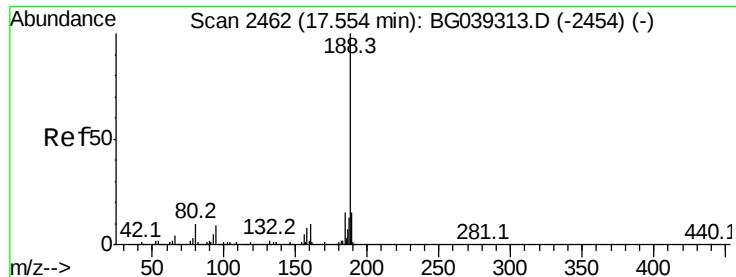
#45
2-Fluorobiphenyl
Concen: 92.286 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG039497.D
Acq: 13 Feb 2019 20:37

Tgt Ion:172 Resp: 930480
Ion Ratio Lower Upper
172 100
171 38.0 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: BG039497.D

Acq: 13 Feb 2019 20:37

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-E

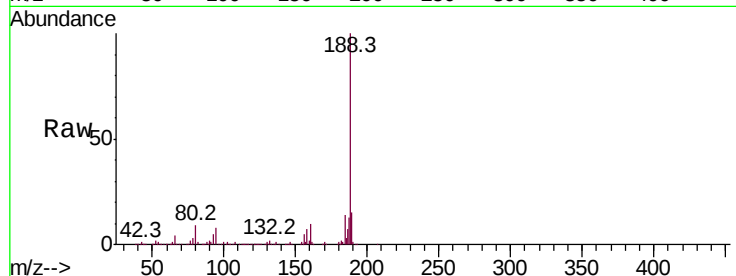
Tot Ion:188 Resp: 362718

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

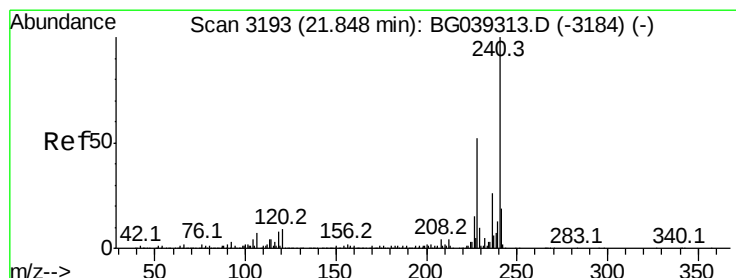
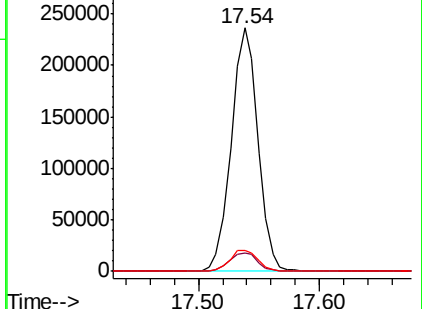
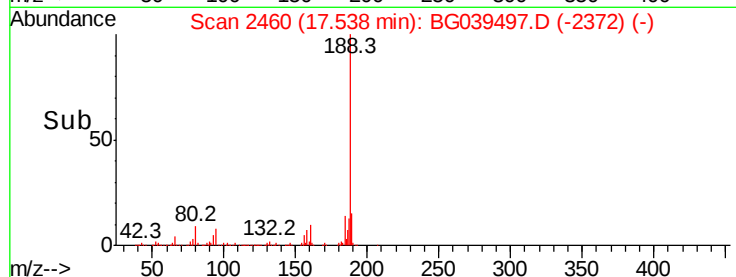
80 8.7 8.1 12.1



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: BG039497.D

Acq: 13 Feb 2019 20:37

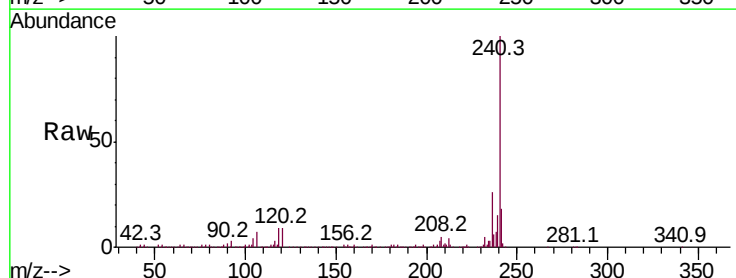
Tgt Ion:240 Resp: 382708

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

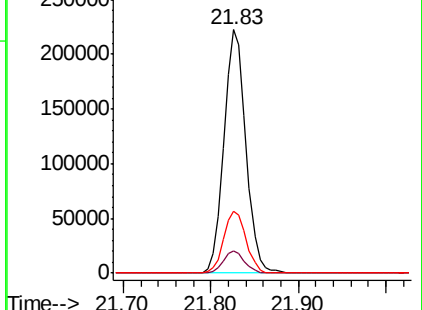
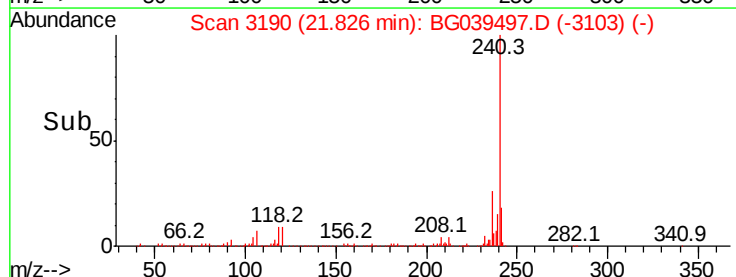
236 25.6 21.0 31.4

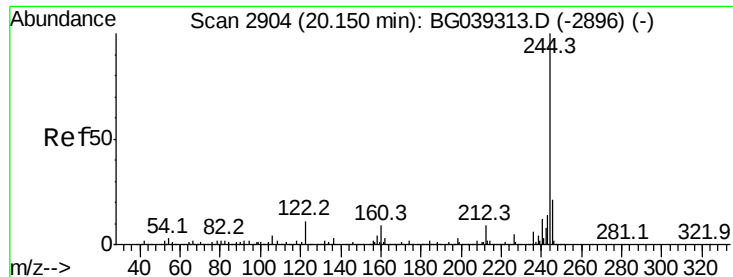


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



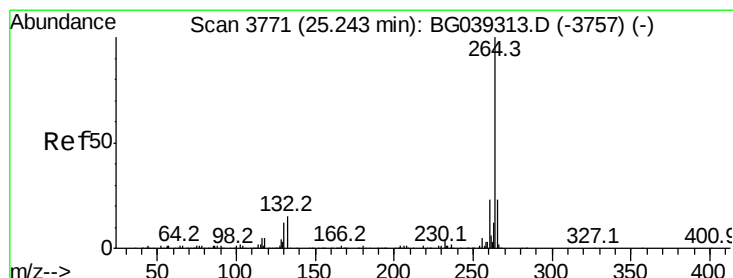
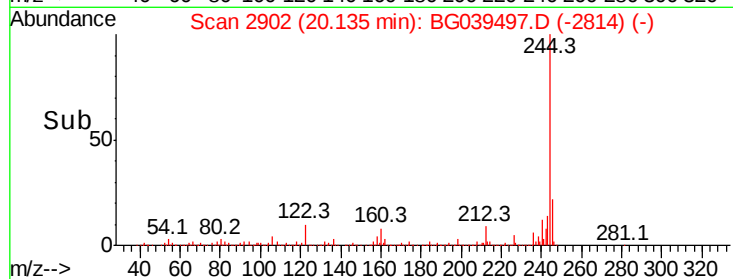
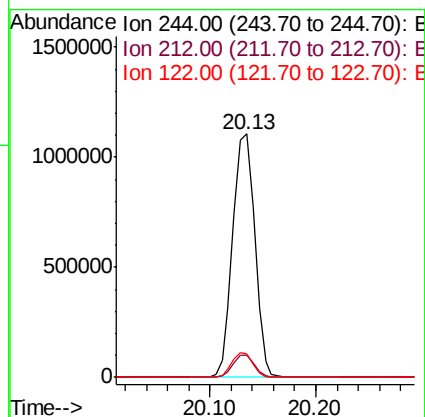
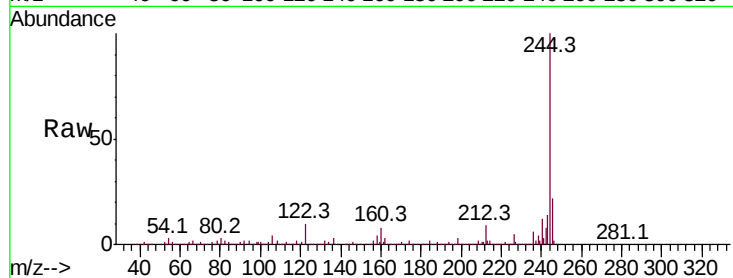


#79
 Terphenyl-d14
 Concen: 88.306 ng
 RT: 20.13 min Scan# 2902
 Delta R.T. -0.02 min
 Lab File: BG039497.D
 Acq: 13 Feb 2019 20:37

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

Tot Ion:244 Resp: 1596609

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	9.6	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.22 min Scan# 3767
 Delta R.T. -0.03 min
 Lab File: BG039497.D
 Acq: 13 Feb 2019 20:37

Tgt Ion:264 Resp: 366547

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	21.1	18.5	27.7

