

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021319\
 Data File : BG039498.D
 Acq On : 13 Feb 2019 21:17
 Operator : JU/SJ
 Sample : K1343-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 14 03:09:03 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	47277	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	218835	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	161808	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	396654	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	423929	20.00	ng	-0.02
87) Perylene-d12	25.21	264	406295	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	380582	137.78	ng	0.00
7) Phenol-d6	7.31	99	489362	120.35	ng	-0.01
23) Nitrobenzene-d5	9.35	82	390686	111.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	231536	132.88	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	983959	87.24	ng	-0.02
79) Terphenyl-d14	20.13	244	1678534	83.81	ng	-0.02

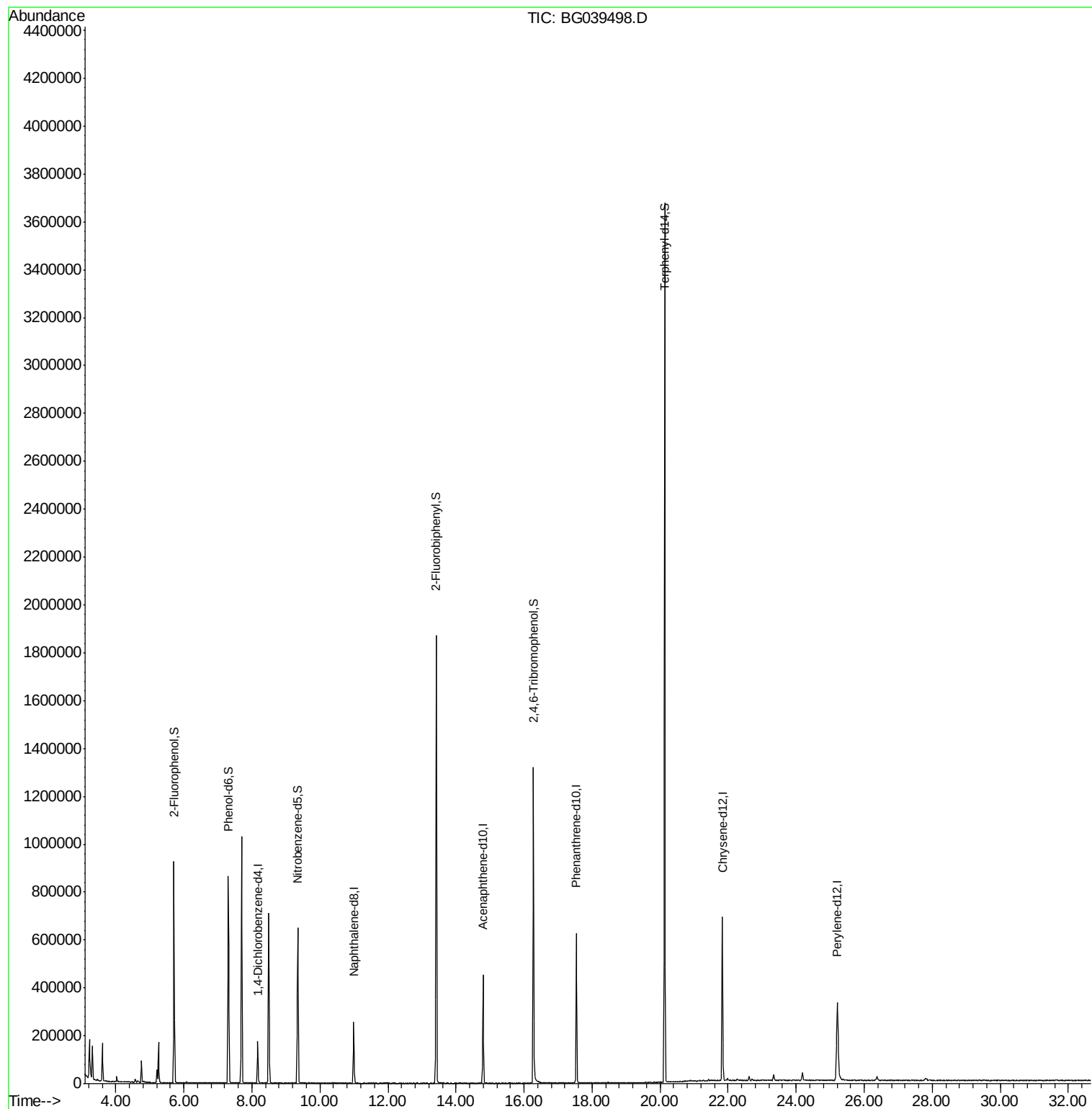
Target Compounds Qvalue

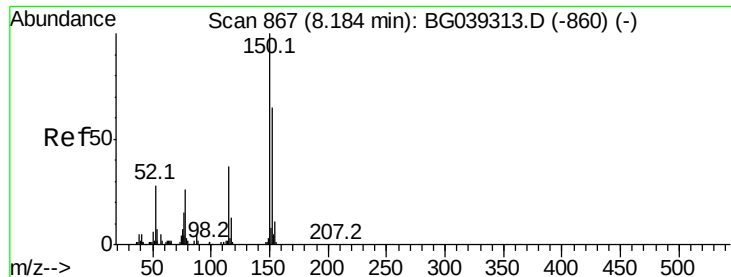
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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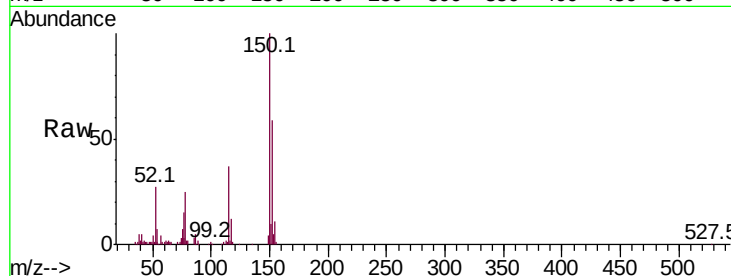


#1

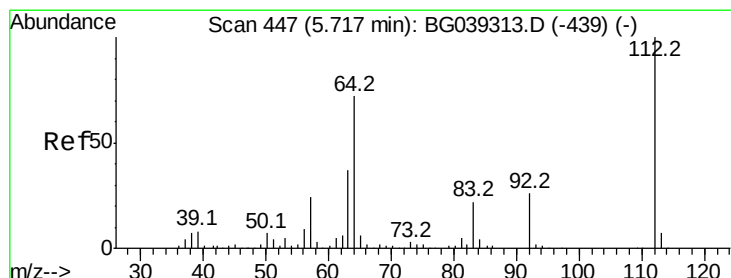
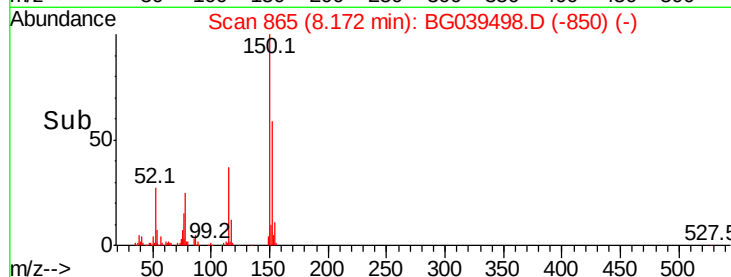
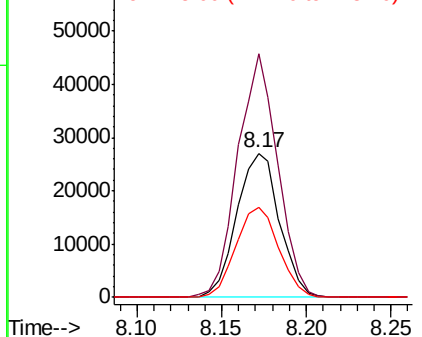
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039498.D
Acq: 13 Feb 2019 21:17

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

Tot Ion:152 Resp: 47277
Ion Ratio Lower Upper
152 100
150 168.7 123.7 185.5
115 62.2 45.9 68.9



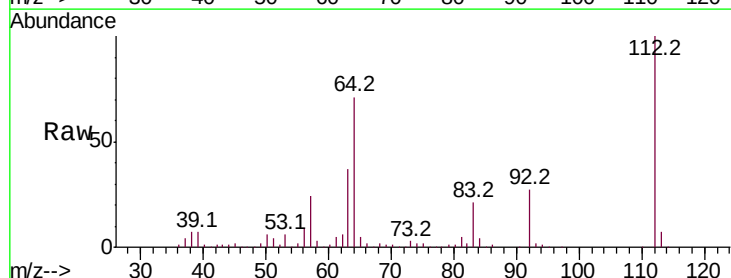
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



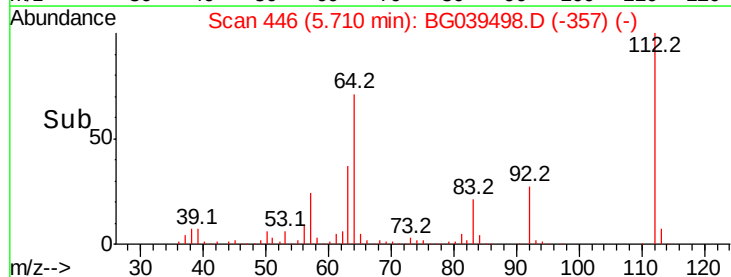
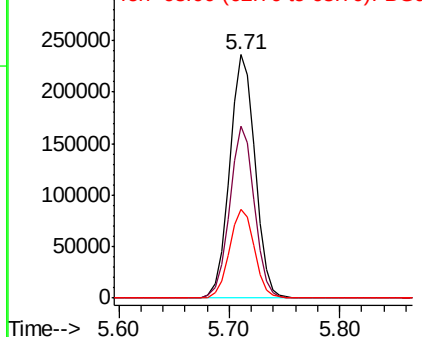
#5

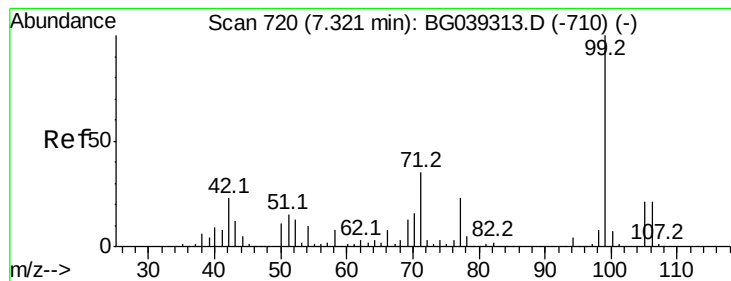
2-Fluorophenol
Concen: 137.777 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039498.D
Acq: 13 Feb 2019 21:17

Tgt Ion:112 Resp: 380582
Ion Ratio Lower Upper
112 100
64 70.6 57.8 86.8
63 36.6 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: 120.354 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039498.D

Acq: 13 Feb 2019 21:17

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-F

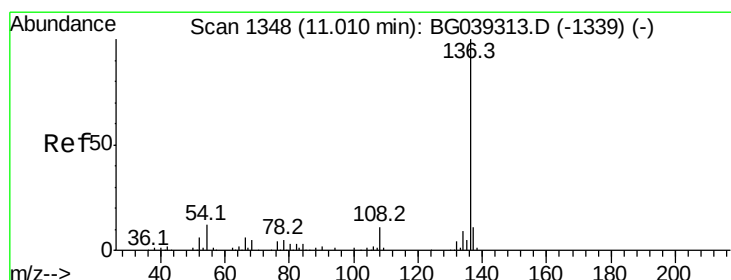
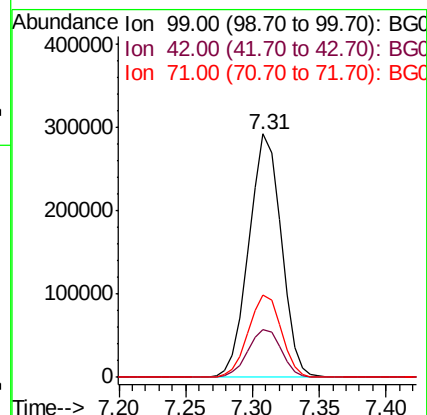
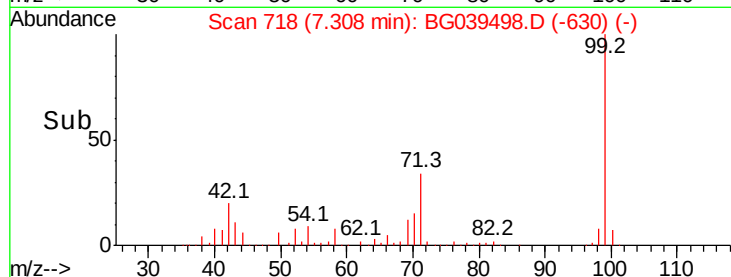
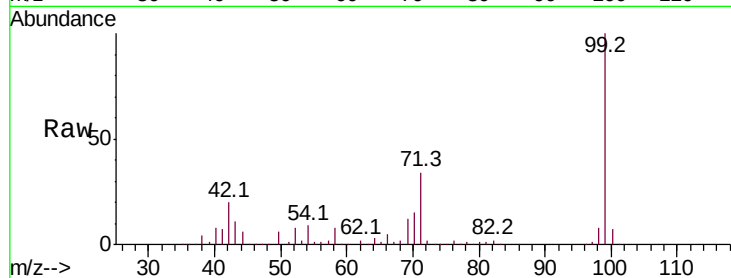
Tot Ion: 99 Resp: 489362

Ion Ratio Lower Upper

99 100

42 19.7 18.2 27.2

71 33.8 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: BG039498.D

Acq: 13 Feb 2019 21:17

Tgt Ion: 136 Resp: 218835

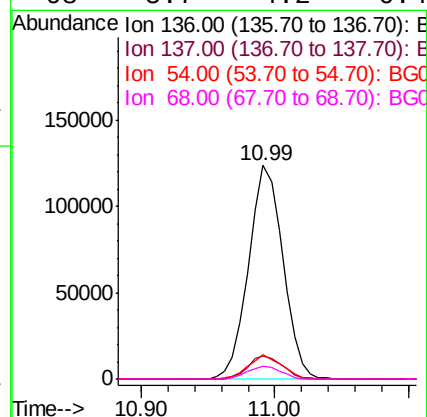
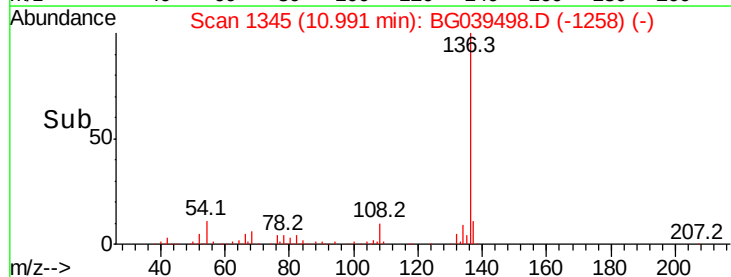
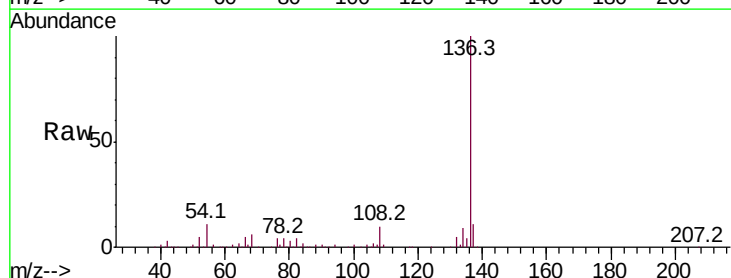
Ion Ratio Lower Upper

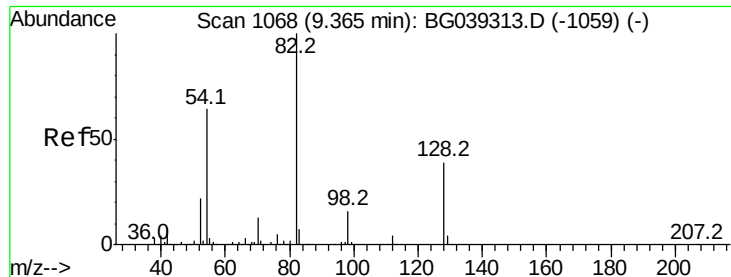
136 100

137 10.8 9.1 13.7

54 11.3 9.4 14.2

68 5.7 4.2 6.4

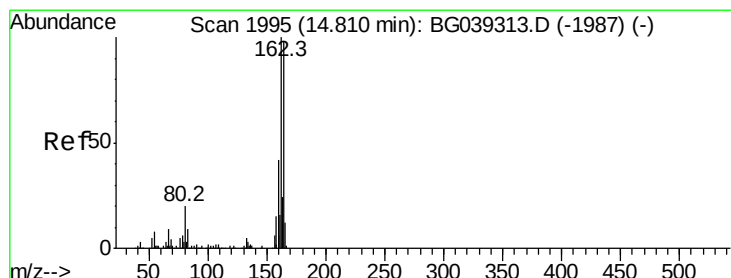
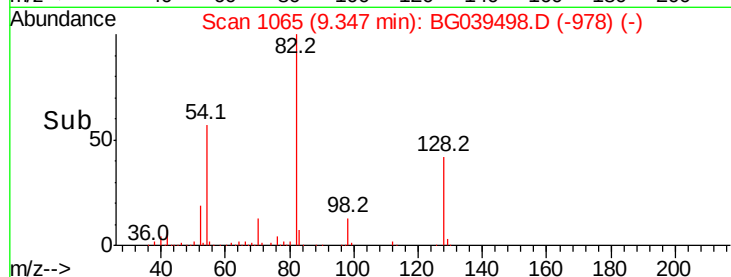
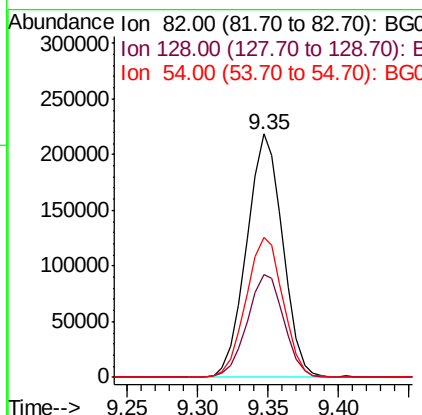
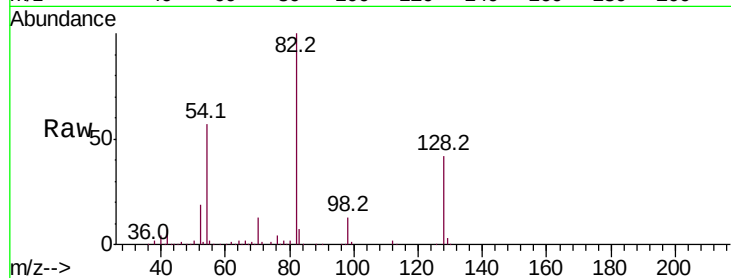




#23
 Nitrobenzene-d5
 Concen: 111.530 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039498.D
 Acq: 13 Feb 2019 21:17

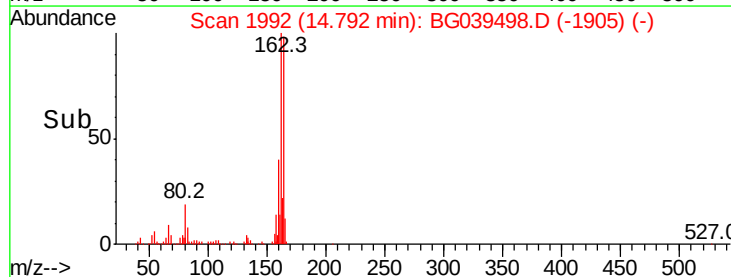
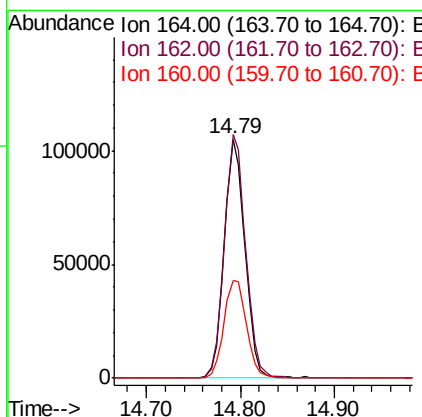
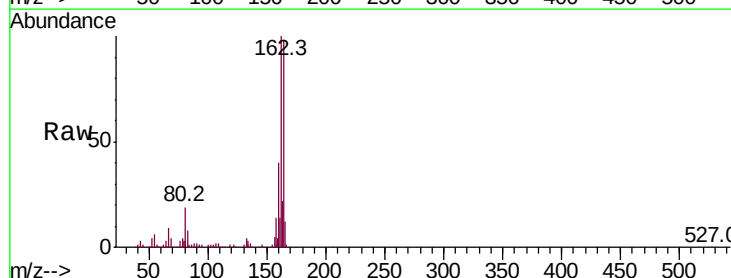
Instrument :
 BNA_G
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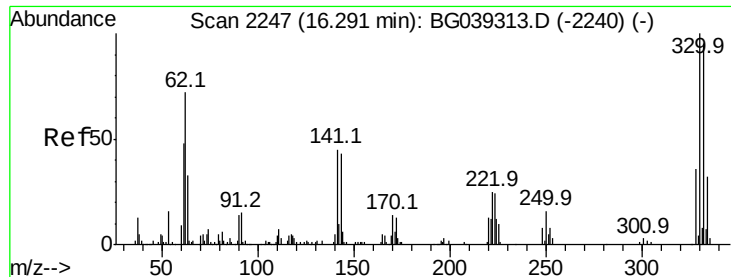
Tot Ion	82	Resp	390686
Ion	Ratio	Lower	Upper
82	100		
128	42.4	31.3	46.9
54	57.4	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BG039498.D
 Acq: 13 Feb 2019 21:17

Tgt Ion	164	Resp	161808
Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.6	122.4
160	40.8	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 132.884 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039498.D

Acq: 13 Feb 2019 21:17

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-F

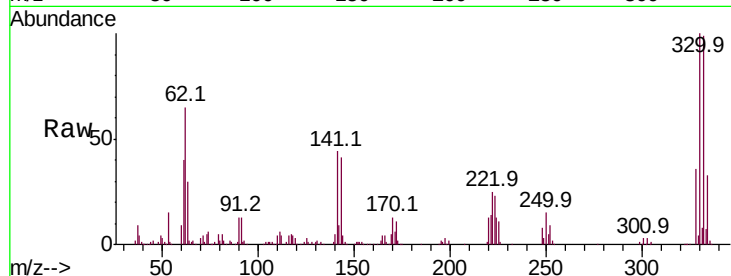
Tot Ion:330 Resp: 231536

Ion Ratio Lower Upper

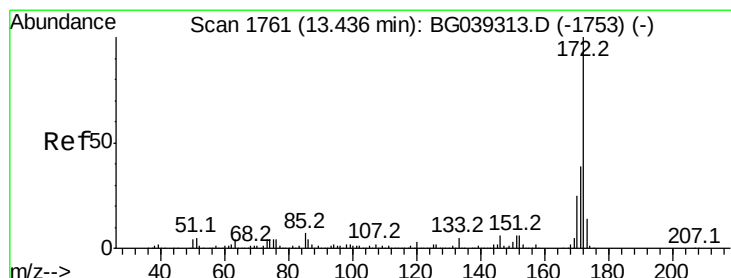
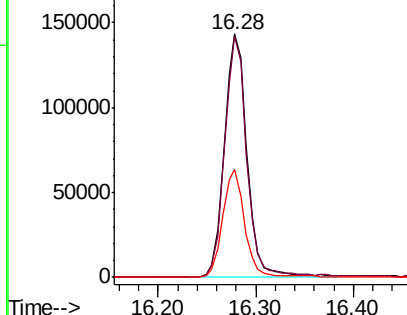
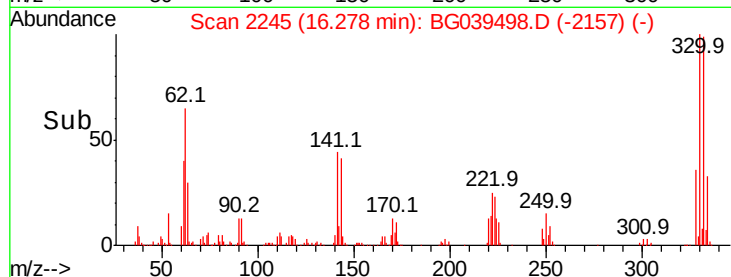
330 100

332 97.3 75.7 113.5

141 43.0 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: 87.235 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039498.D

Acq: 13 Feb 2019 21:17

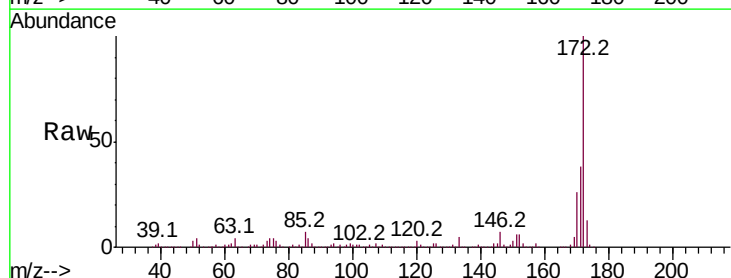
Tgt Ion:172 Resp: 983959

Ion Ratio Lower Upper

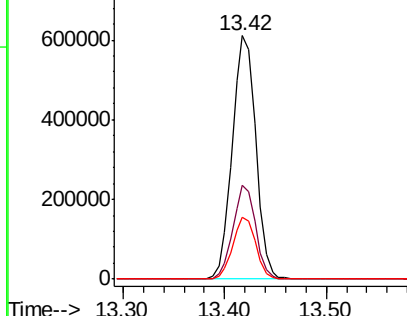
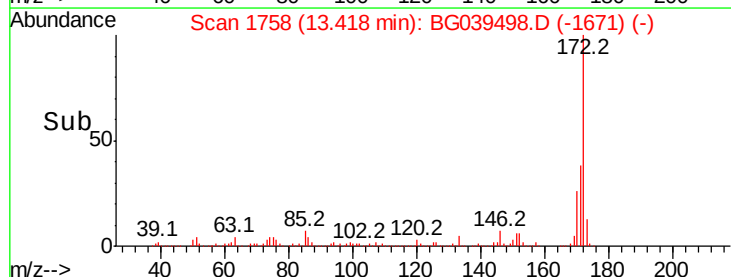
172 100

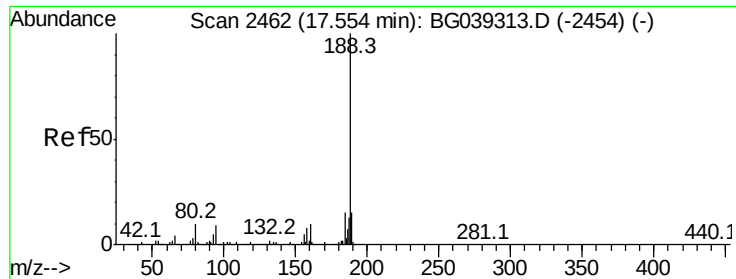
171 38.5 30.8 46.2

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. -0.01 min

Lab File: BG039498.D

Acq: 13 Feb 2019 21:17

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-F

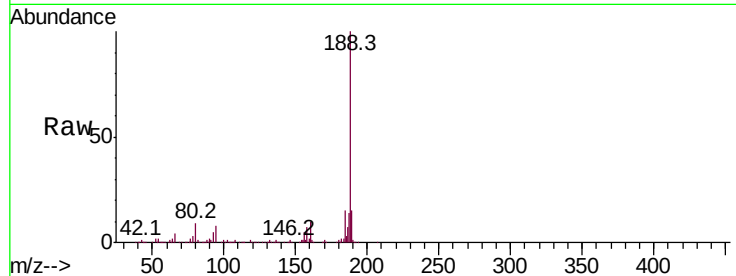
Tot Ion:188 Resp: 396654

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

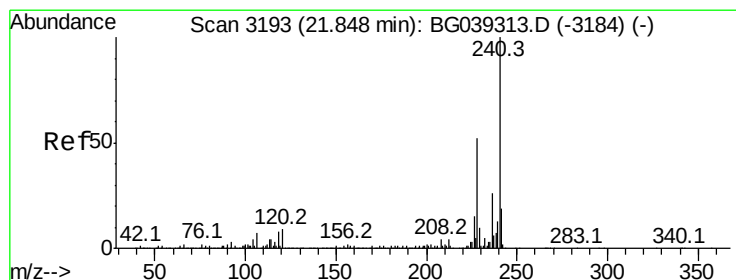
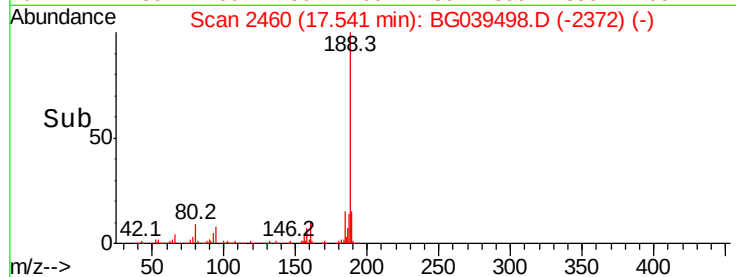
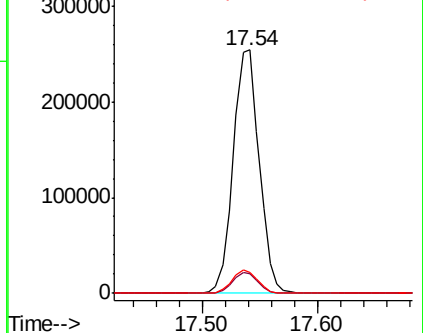
80 8.5 8.1 12.1



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: BG039498.D

Acq: 13 Feb 2019 21:17

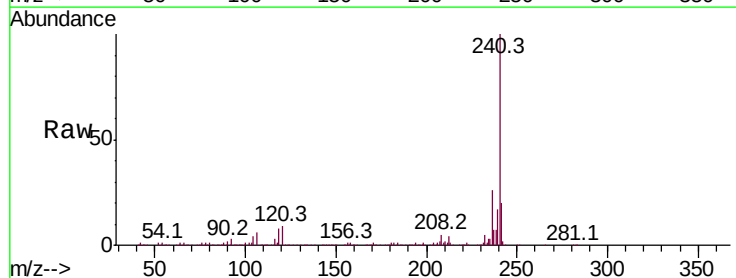
Tgt Ion:240 Resp: 423929

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

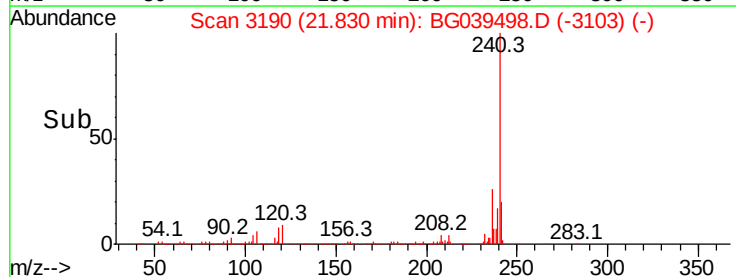
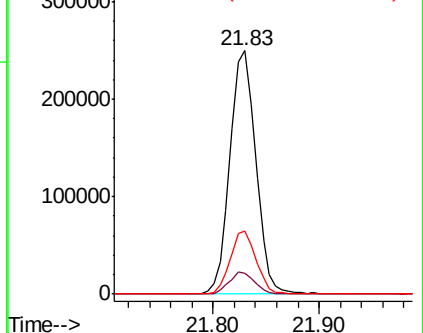
236 25.9 21.0 31.4

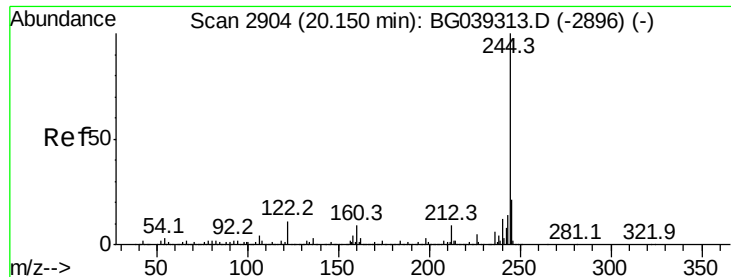


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

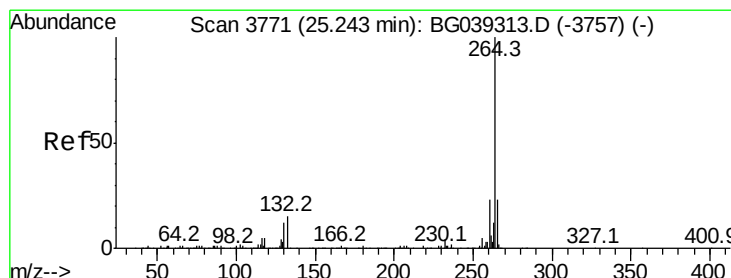
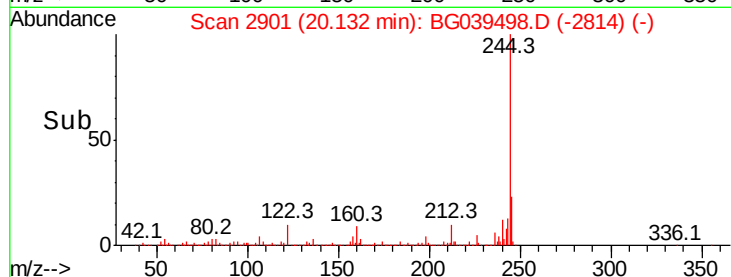
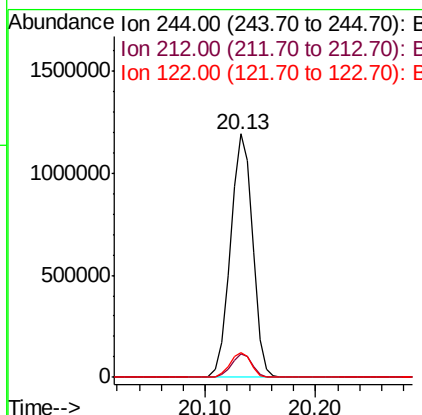
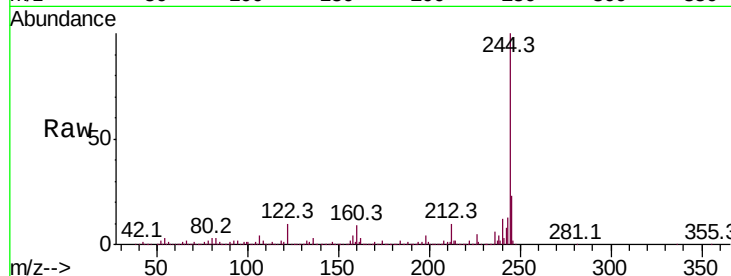




#79
 Terphenyl-d14
 Concen: 83.810 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039498.D
 Acq: 13 Feb 2019 21:17

Instrument :
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 JC-02-021119-F

Tot Ion:244 Resp: 1678534
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.3 10.9
 122 10.3 8.4 12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3766
 Delta R.T. -0.03 min
 Lab File: BG039498.D
 Acq: 13 Feb 2019 21:17

Tgt Ion:264 Resp: 406295
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.4
 265 20.2 18.5 27.7

