

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021319\
 Data File : BG039494.D
 Acq On : 13 Feb 2019 18:38
 Operator : JU/SJ
 Sample : K1343-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 14 03:03:41 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	46434	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	205434	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	152990	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	391183	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	417010	20.00	ng	-0.02
87) Perylene-d12	25.21	264	403465	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	397804	146.63	ng	0.00
7) Phenol-d6	7.31	99	538150	134.76	ng	-0.01
23) Nitrobenzene-d5	9.35	82	377659	114.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	254629	154.56	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	954137	89.47	ng	-0.02
79) Terphenyl-d14	20.13	244	1682886	85.42	ng	-0.02

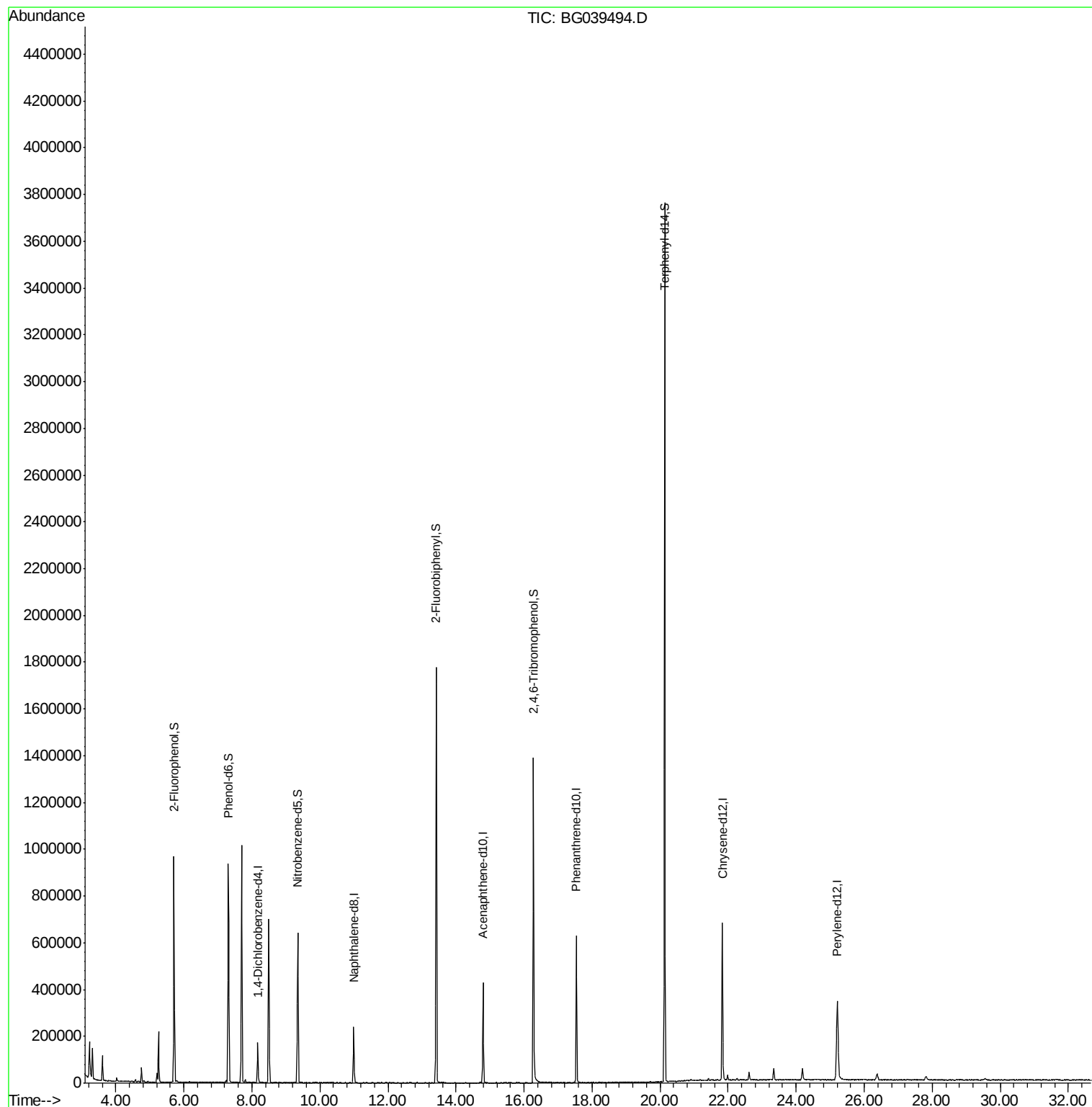
Target Compounds Qvalue

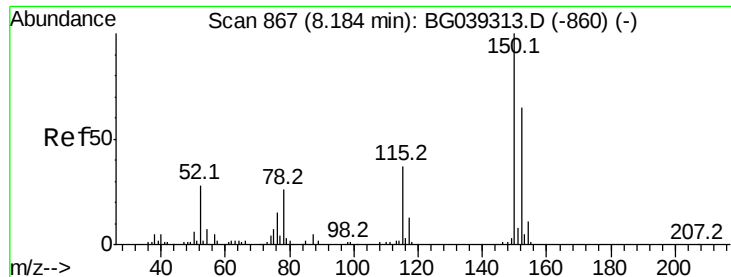
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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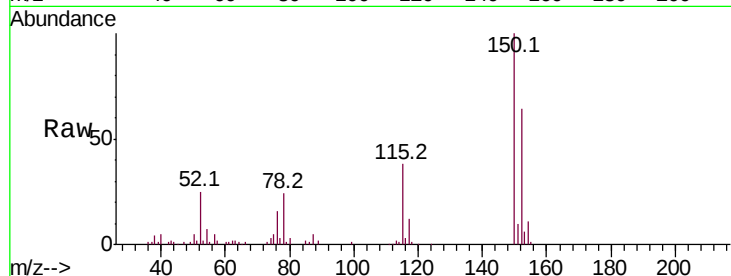


#1

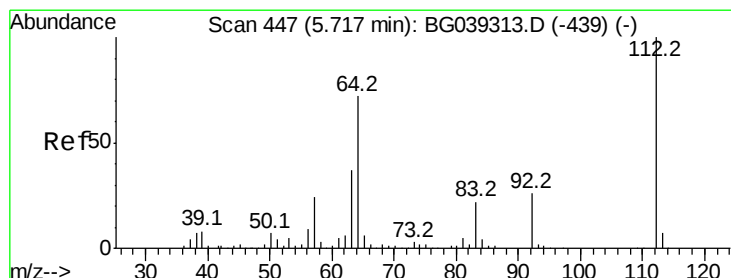
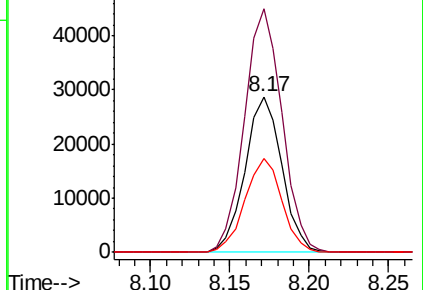
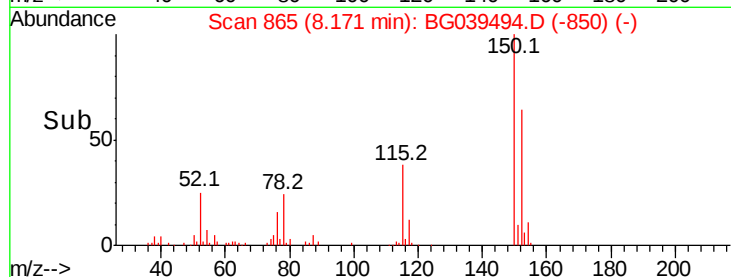
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039494.D
Acq: 13 Feb 2019 18:38

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

Tot Ion:152 Resp: 46434
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 60.3 45.9 68.9



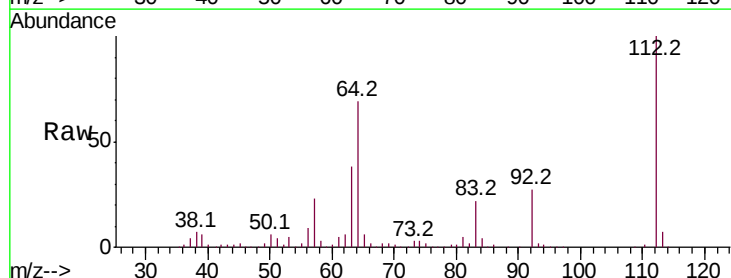
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



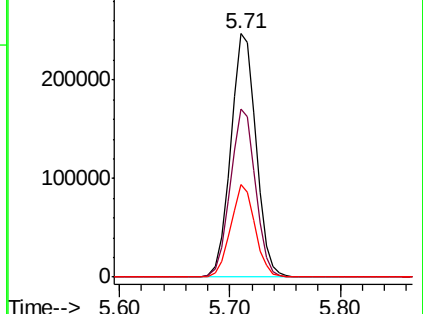
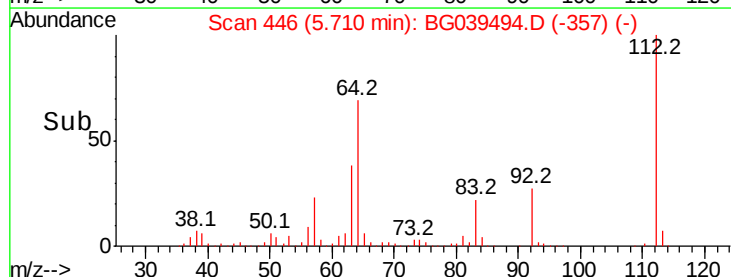
#5

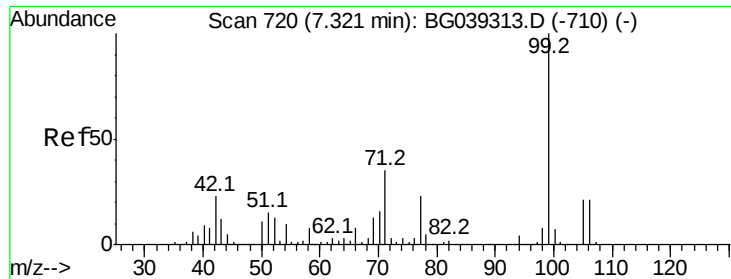
2-Fluorophenol
Concen: 146.626 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039494.D
Acq: 13 Feb 2019 18:38

Tgt Ion:112 Resp: 397804
Ion Ratio Lower Upper
112 100
64 69.2 57.8 86.8
63 38.0 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: 134.756 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039494.D

Acq: 13 Feb 2019 18:38

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-B

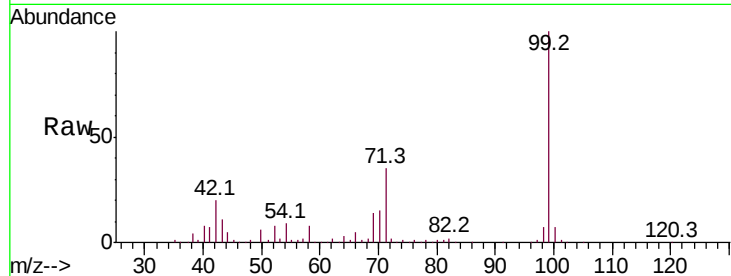
Tot Ion: 99 Resp: 538150

Ion Ratio Lower Upper

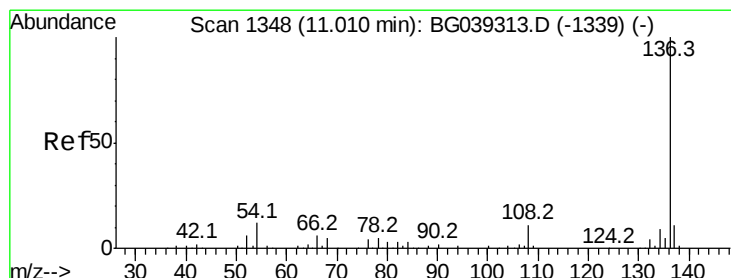
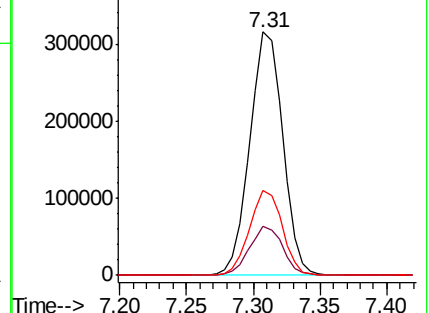
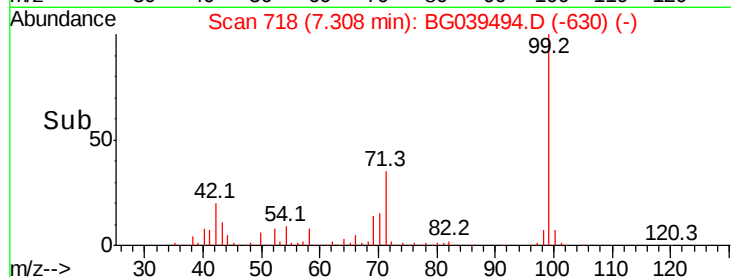
99 100

42 20.3 18.2 27.2

71 34.8 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: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039494.D

Acq: 13 Feb 2019 18:38

Tgt Ion: 136 Resp: 205434

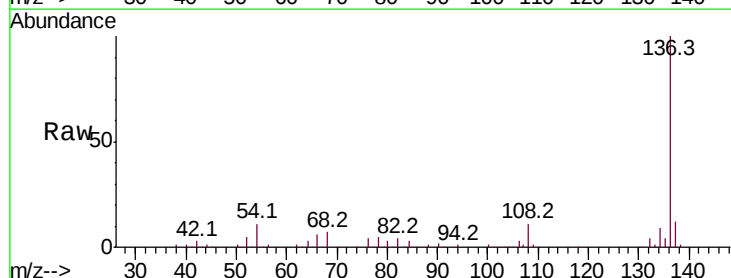
Ion Ratio Lower Upper

136 100

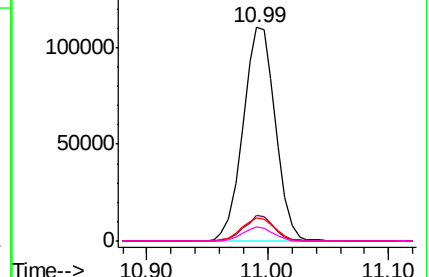
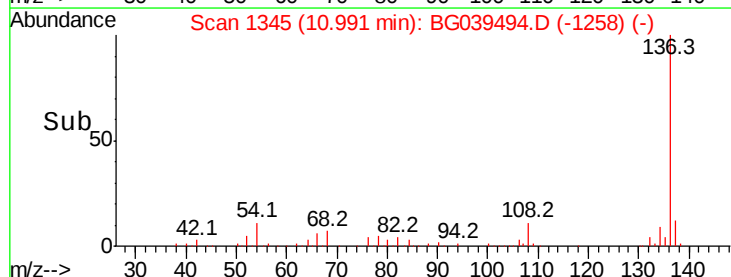
137 12.0 9.1 13.7

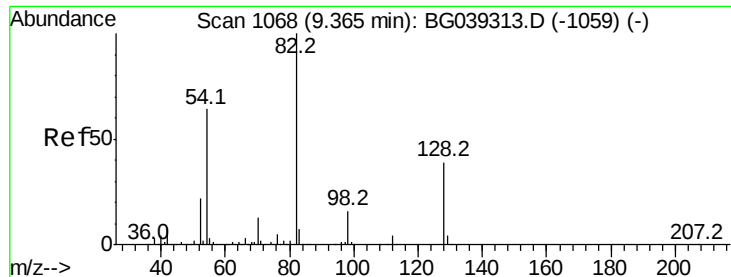
54 11.1 9.4 14.2

68 6.7 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





#23

Nitrobenzene-d5

Concen: 114.844 ng

RT: 9.35 min Scan# 1065

Delta R.T. -0.02 min

Lab File: BG039494.D

Acq: 13 Feb 2019 18:38

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-B

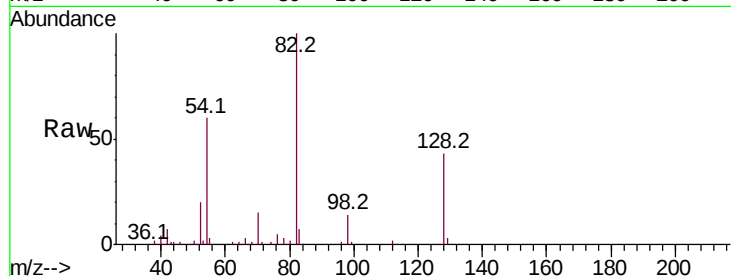
Tot Ion: 82 Resp: 377659

Ion Ratio Lower Upper

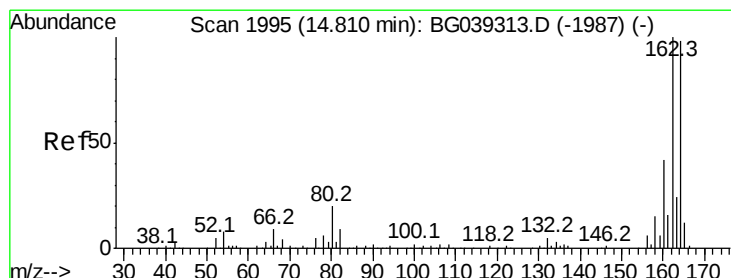
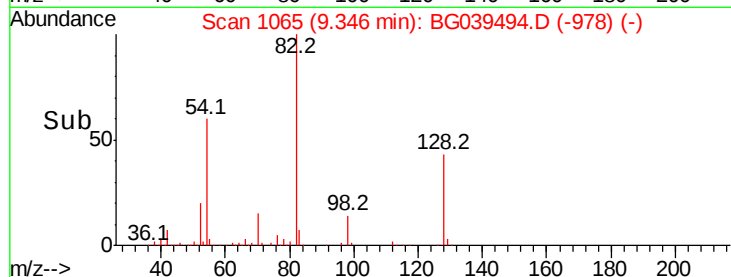
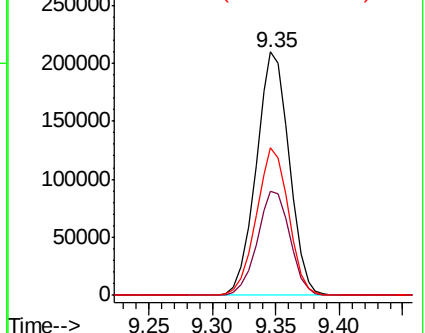
82 100

128 42.6 31.3 46.9

54 60.4 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: BG039494.D

Acq: 13 Feb 2019 18:38

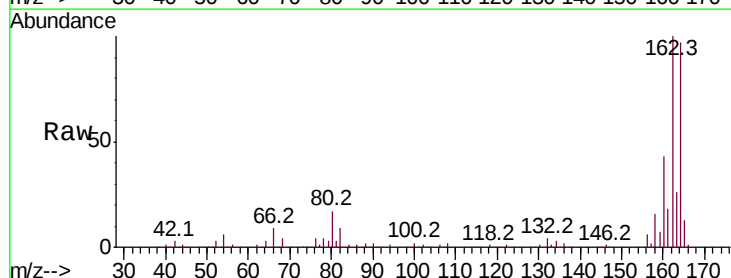
Tgt Ion: 164 Resp: 152990

Ion Ratio Lower Upper

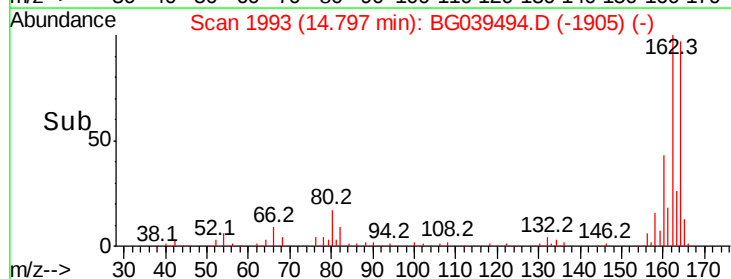
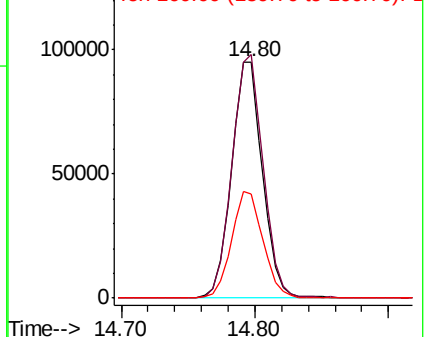
164 100

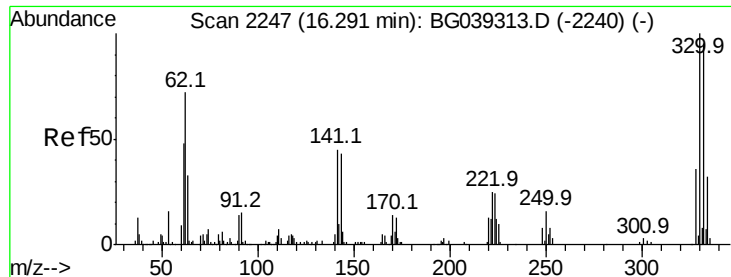
162 103.0 81.6 122.4

160 44.0 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

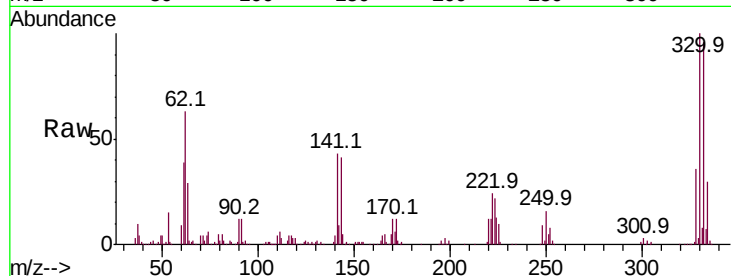




#42
 2,4,6-Tribromophenol
 Concen: 154.560 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039494.D
 Acq: 13 Feb 2019 18:38

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.7	113.5
141	41.1	35.6	53.4

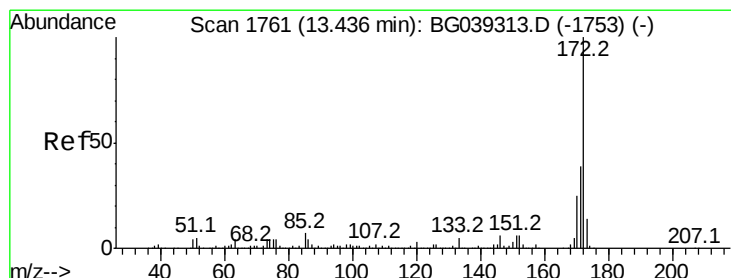
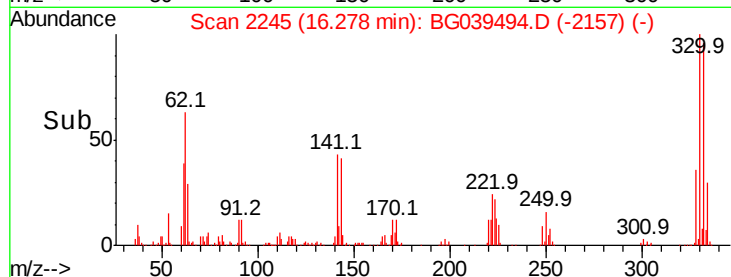
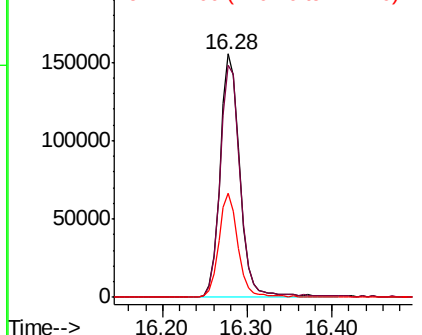


Abundance

Ion 329.80 (329.50 to 330.50): E

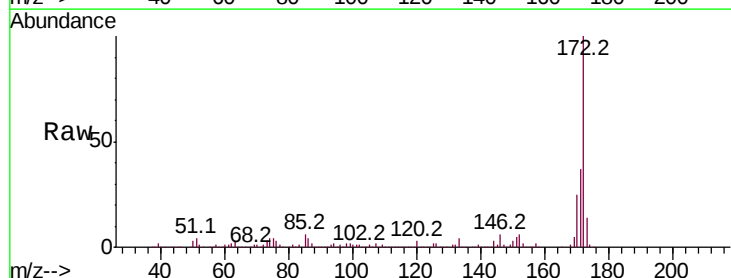
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.467 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039494.D
 Acq: 13 Feb 2019 18:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	25.0	20.2	30.4

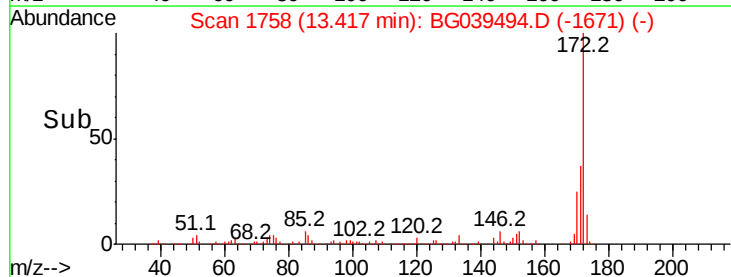
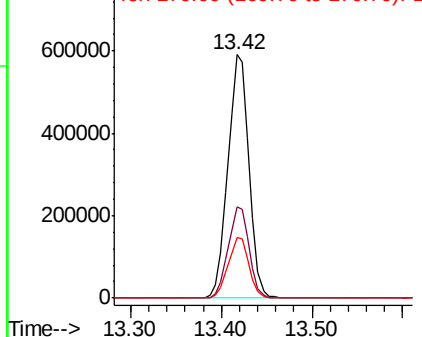


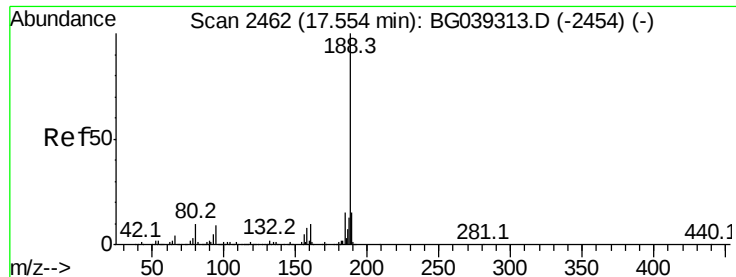
Abundance

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: BG039494.D

Acq: 13 Feb 2019 18:38

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-B

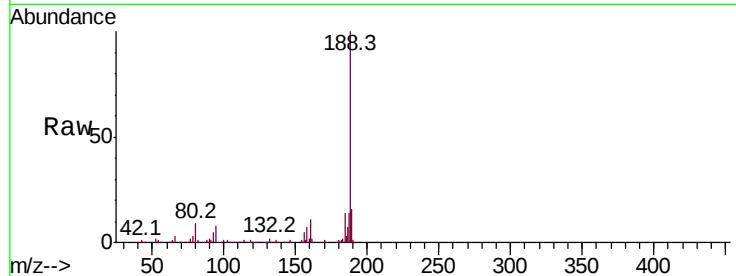
Tot Ion:188 Resp: 391183

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

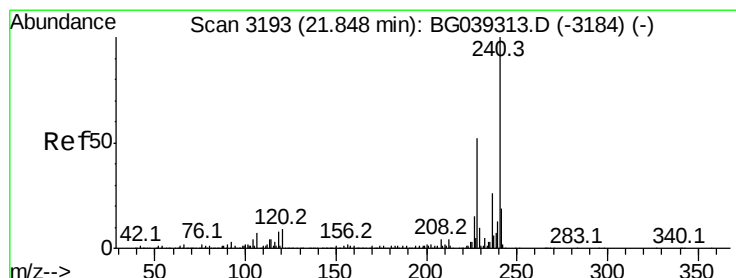
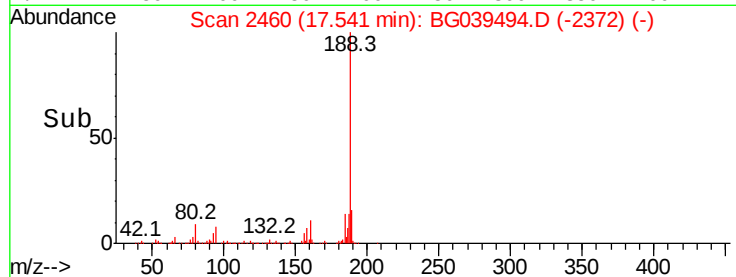
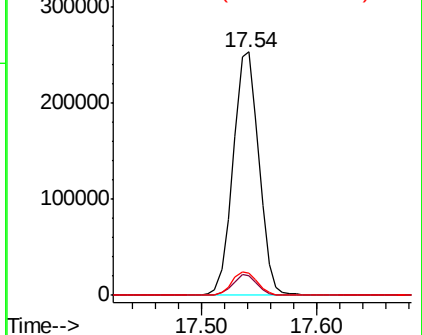
80 9.2 8.1 12.1



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: BG039494.D

Acq: 13 Feb 2019 18:38

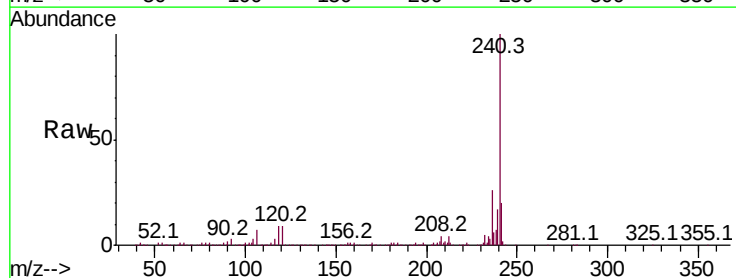
Tgt Ion:240 Resp: 417010

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

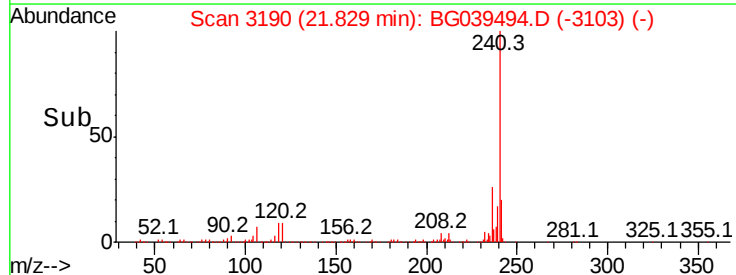
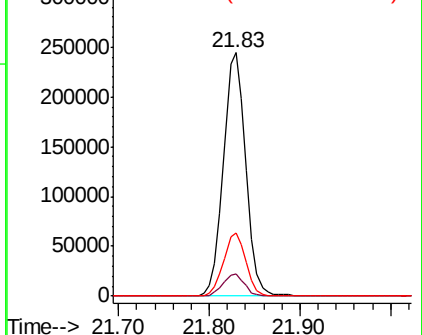
236 25.7 21.0 31.4

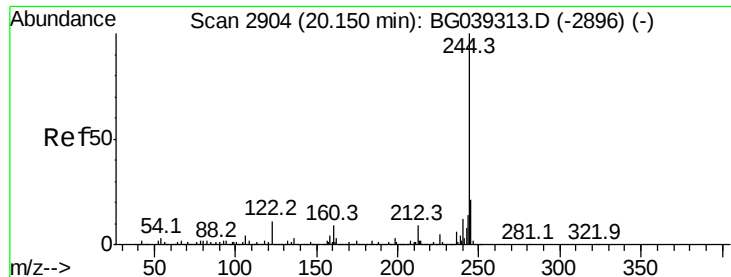


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



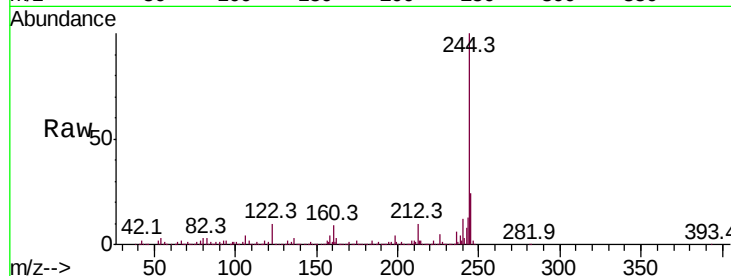


#79
 Terphenyl-d14
 Concen: 85.421 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039494.D
 Acq: 13 Feb 2019 18:38

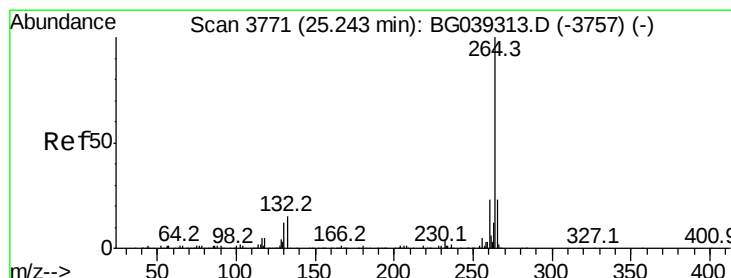
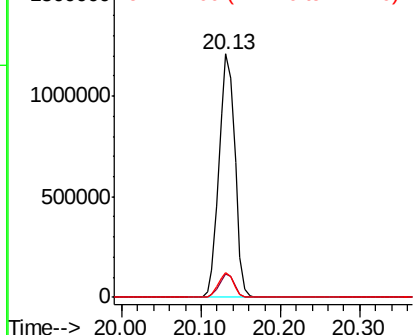
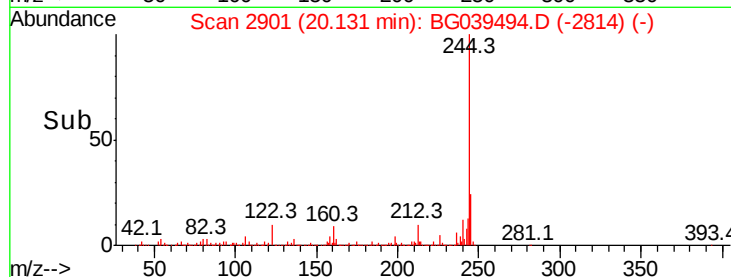
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-021119-B

Tot Ion:244 Resp: 1682886

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.3	10.9
122	10.4	8.4	12.6



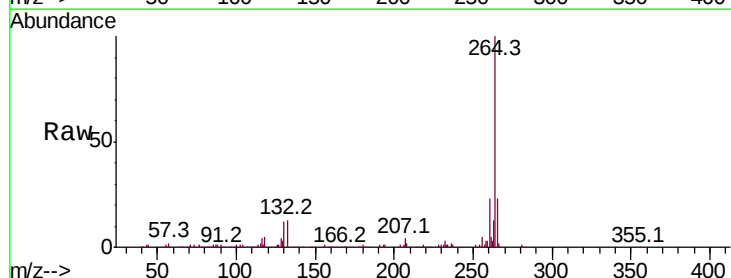
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3766
 Delta R.T. -0.03 min
 Lab File: BG039494.D
 Acq: 13 Feb 2019 18:38

Tgt Ion:264 Resp: 403465

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	22.9	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

