

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021319\
 Data File : BG039495.D
 Acq On : 13 Feb 2019 19:17
 Operator : JU/SJ
 Sample : K1343-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 14 03:05:26 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	44223	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	193603	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	142990	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	362122	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	379213	20.00	ng	-0.02
87) Perylene-d12	25.22	264	373684	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	373715	144.63	ng	0.00
7) Phenol-d6	7.31	99	483138	127.03	ng	-0.01
23) Nitrobenzene-d5	9.35	82	378292	122.07	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	238142	154.66	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	940521	94.36	ng	-0.02
79) Terphenyl-d14	20.13	244	1606882	89.69	ng	-0.02

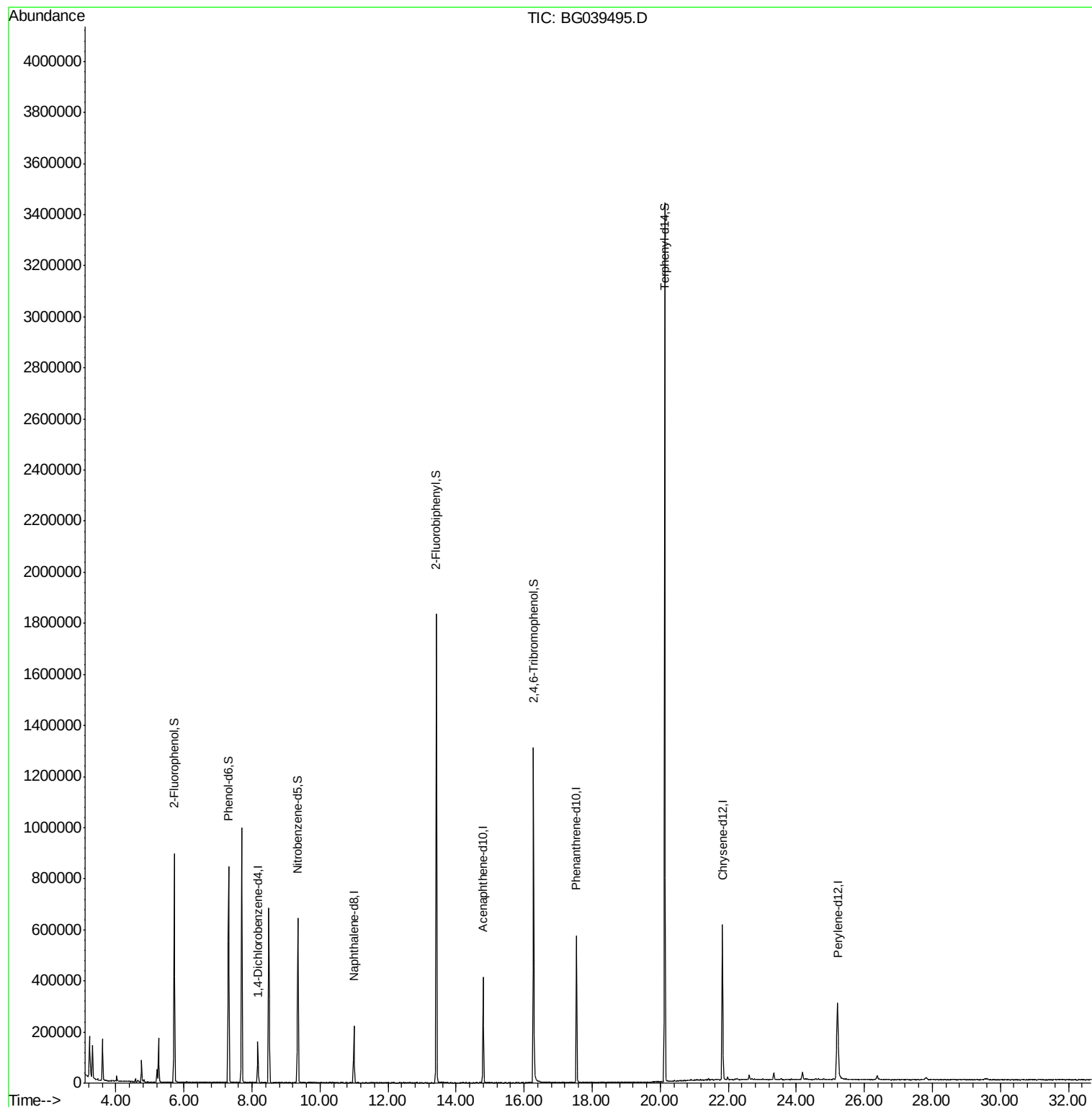
Target Compounds Qvalue

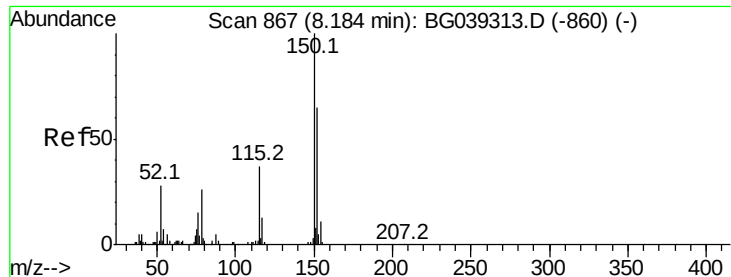
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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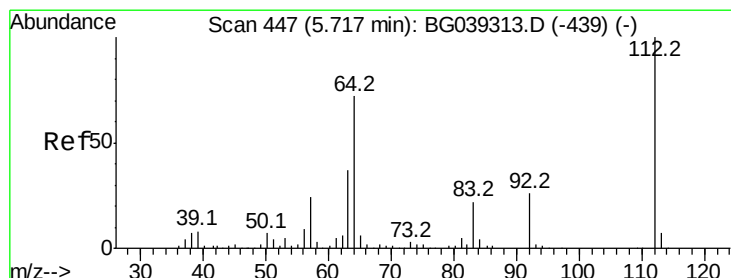
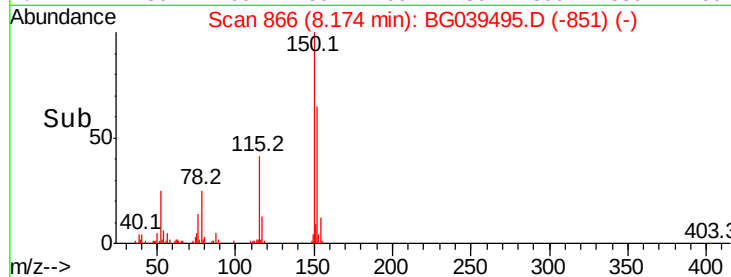
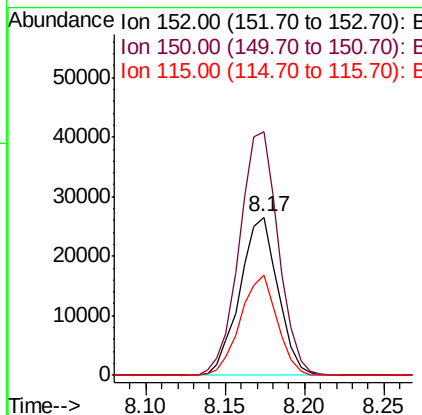
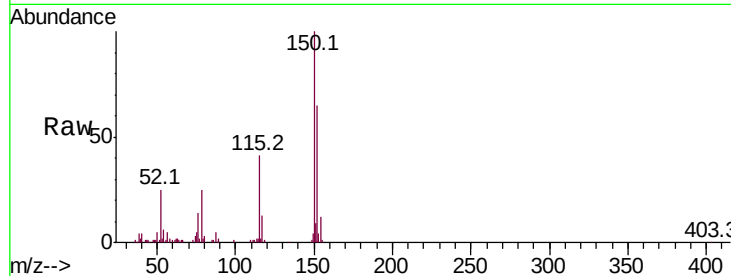


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039495.D
Acq: 13 Feb 2019 19:17

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

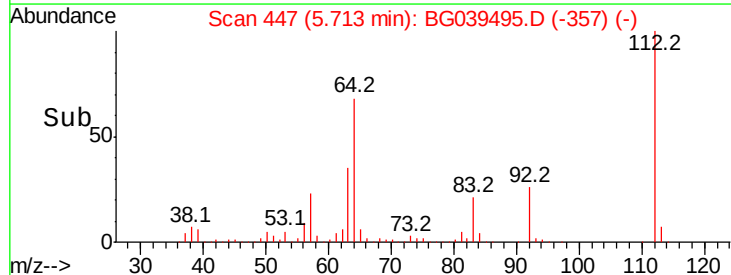
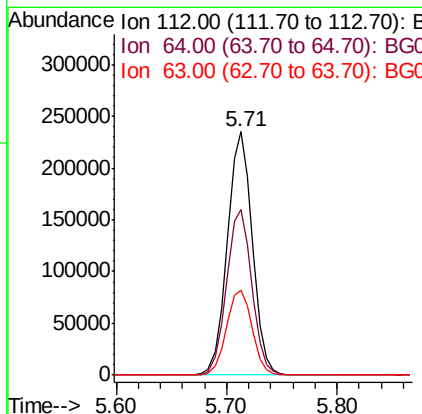
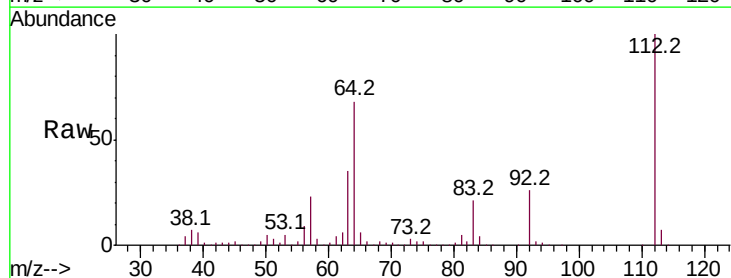
Tot Ion:152 Resp: 44223
Ion Ratio Lower Upper
152 100
150 153.7 123.7 185.5
115 63.3 45.9 68.9

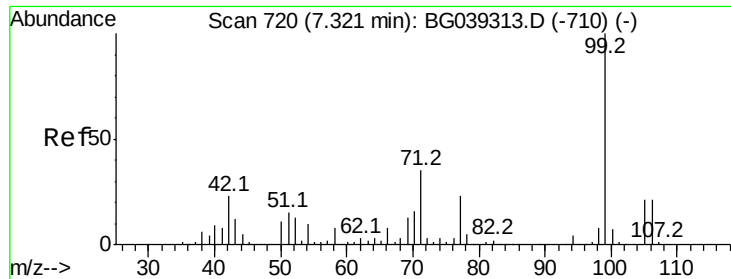


#5

2-Fluorophenol
Concen: 144.634 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039495.D
Acq: 13 Feb 2019 19:17

Tgt Ion:112 Resp: 373715
Ion Ratio Lower Upper
112 100
64 68.2 57.8 86.8
63 35.1 29.8 44.6





#7

Phenol-d6

Concen: 127.029 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039495.D

Acq: 13 Feb 2019 19:17

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-C

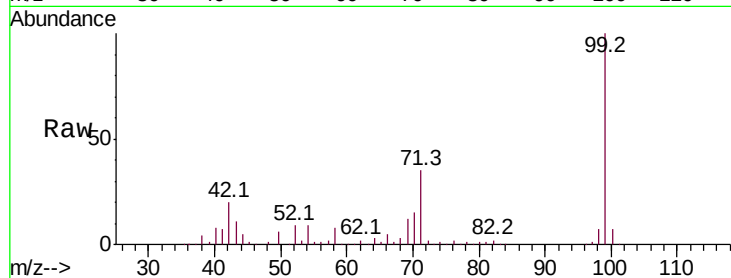
Tot Ion: 99 Resp: 483138

Ion Ratio Lower Upper

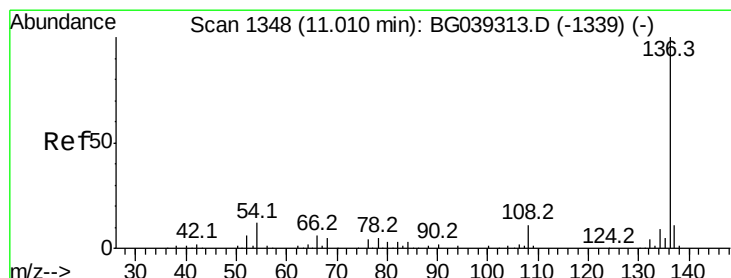
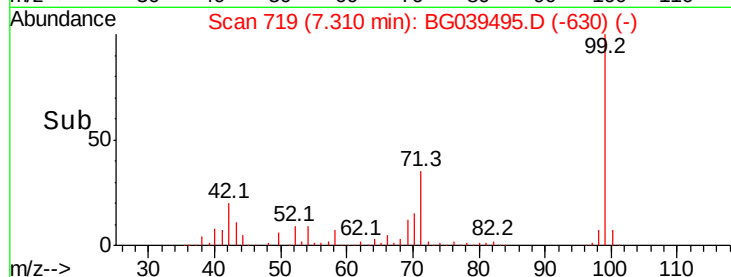
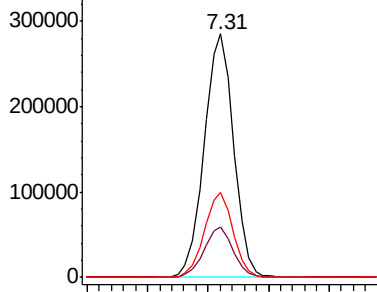
99 100

42 20.5 18.2 27.2

71 34.7 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# 1346

Delta R.T. -0.02 min

Lab File: BG039495.D

Acq: 13 Feb 2019 19:17

Tgt Ion: 136 Resp: 193603

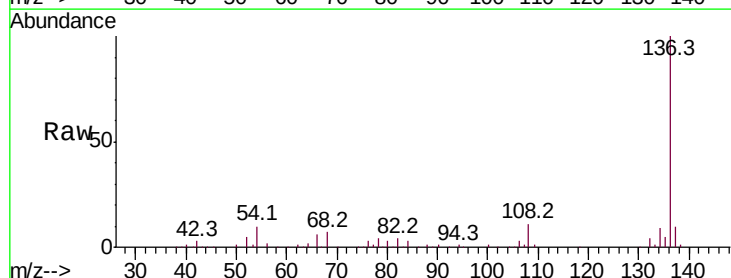
Ion Ratio Lower Upper

136 100

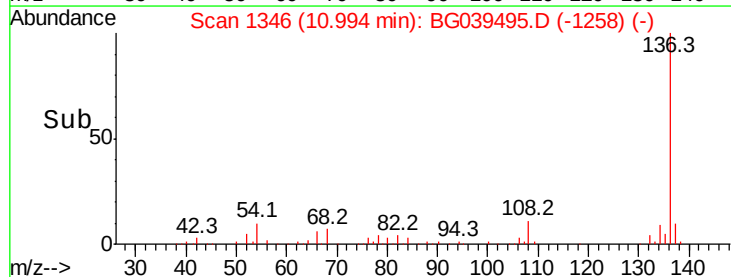
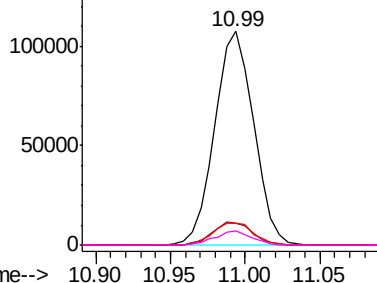
137 10.3 9.1 13.7

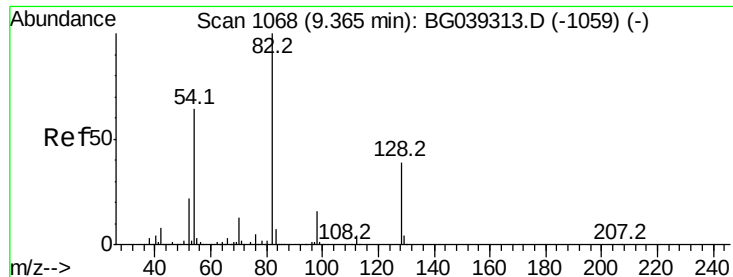
54 10.4 9.4 14.2

68 6.8 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

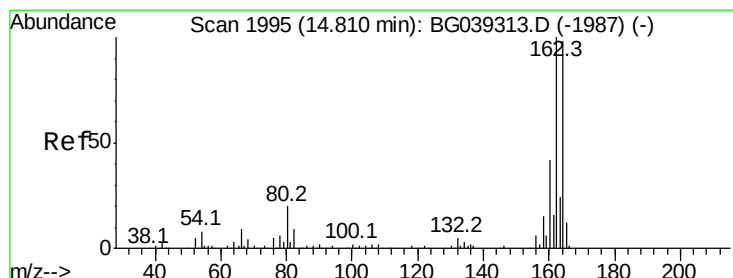
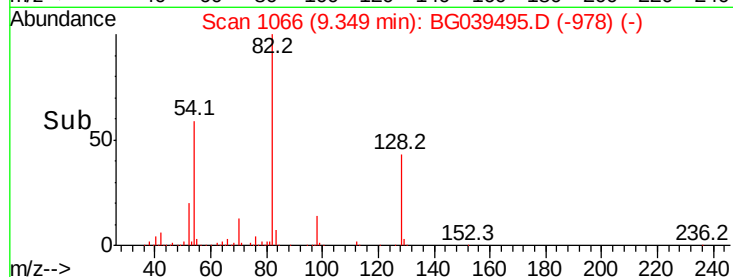
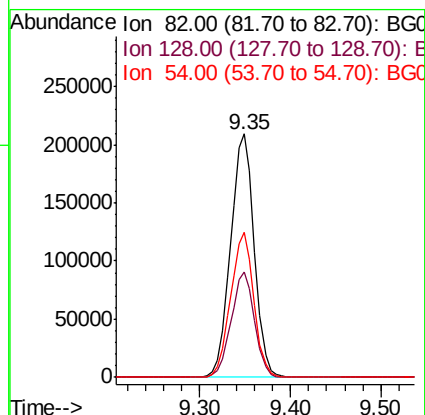
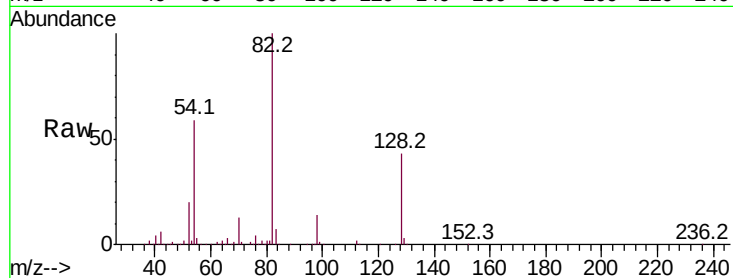




#23
Nitrobenzene-d5
Concen: 122.067 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.02 min
Lab File: BG039495.D
Acq: 13 Feb 2019 19:17

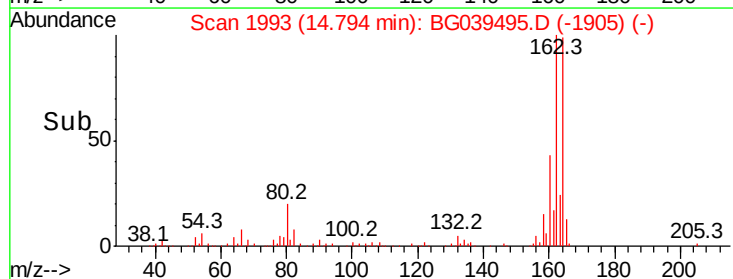
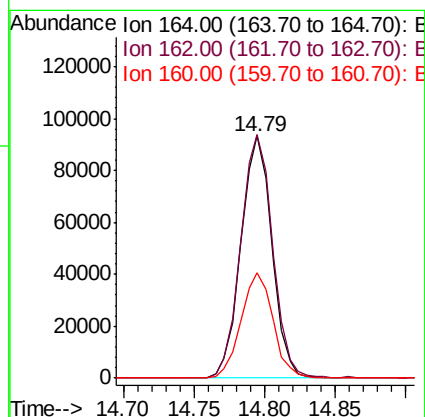
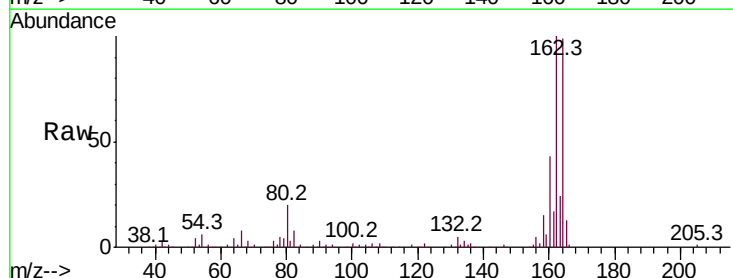
Instrument :
BNA_G
ClientSampleId :
JC-02-021119-C

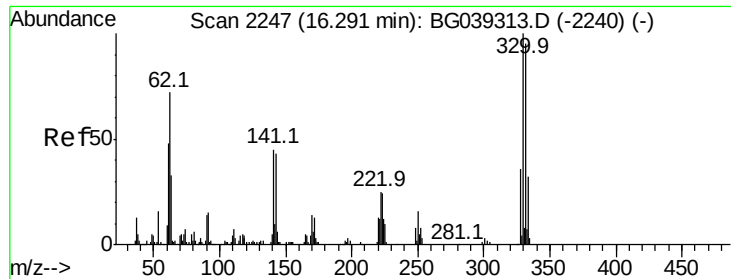
Tot Ion: 82 Resp: 378292
Ion Ratio Lower Upper
82 100
128 43.5 31.3 46.9
54 59.5 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG039495.D
Acq: 13 Feb 2019 19:17

Tgt Ion:164 Resp: 142990
Ion Ratio Lower Upper
164 100
162 100.7 81.6 122.4
160 43.6 34.2 51.2

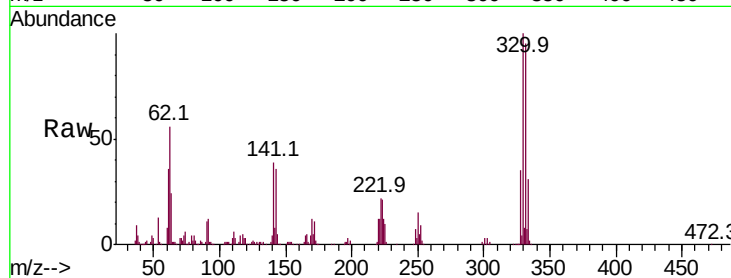




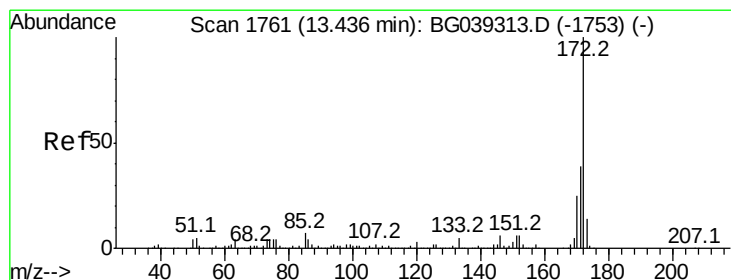
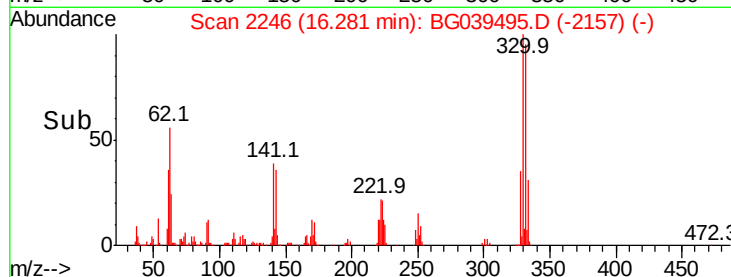
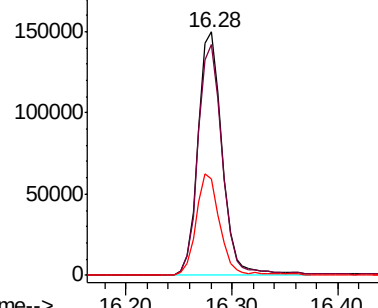
#42
2,4,6-Tribromophenol
Concen: 154.662 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039495.D
Acq: 13 Feb 2019 19:17

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.7	113.5
141	41.0	35.6	53.4

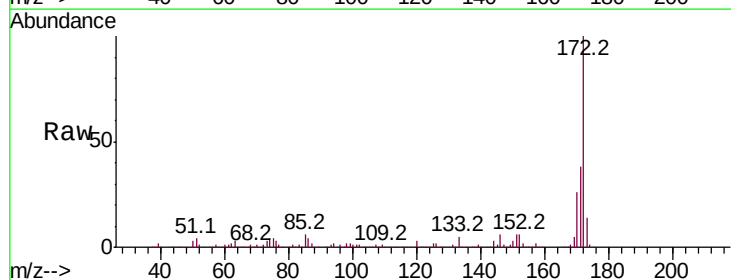


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

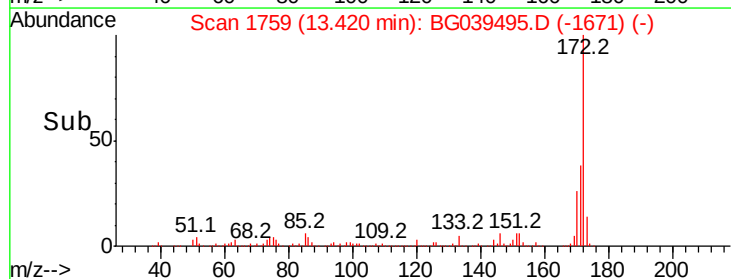
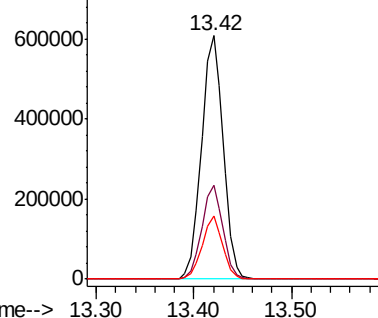


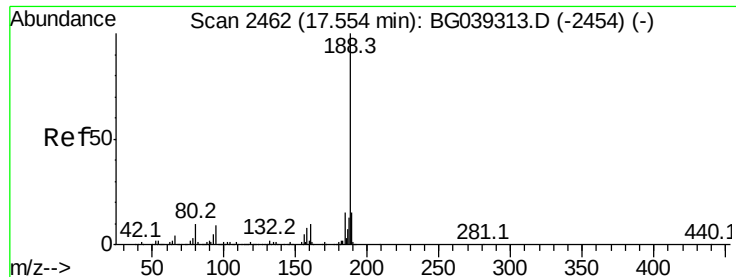
#45
2-Fluorobiphenyl
Concen: 94.358 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG039495.D
Acq: 13 Feb 2019 19:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	25.7	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: BG039495.D

Acq: 13 Feb 2019 19:17

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-C

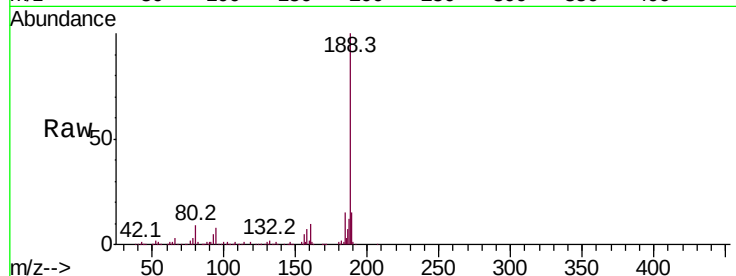
Tot Ion:188 Resp: 362122

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

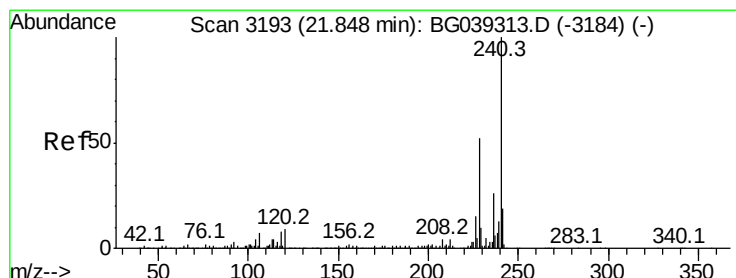
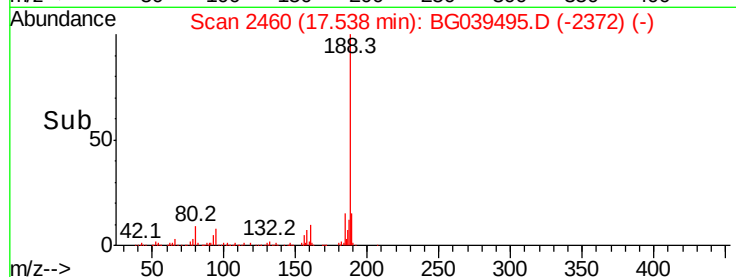
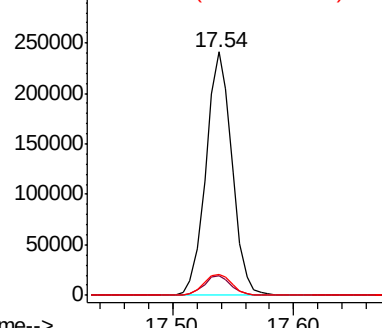
80 8.8 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039495.D

Acq: 13 Feb 2019 19:17

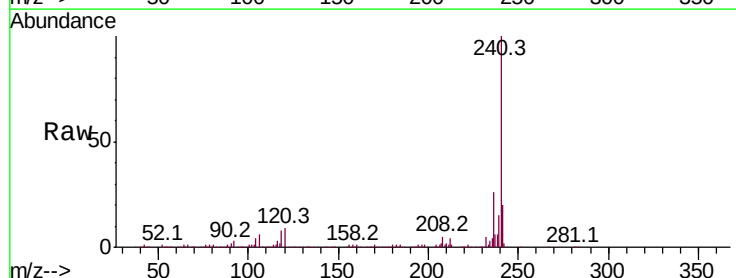
Tgt Ion:240 Resp: 379213

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

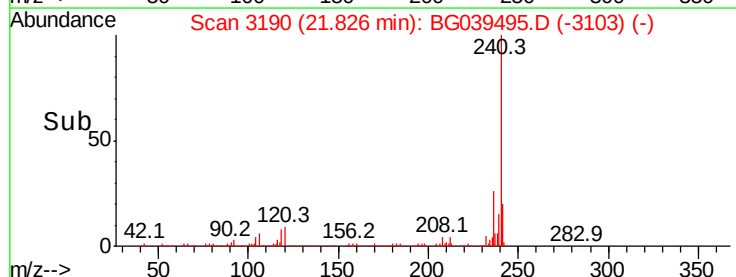
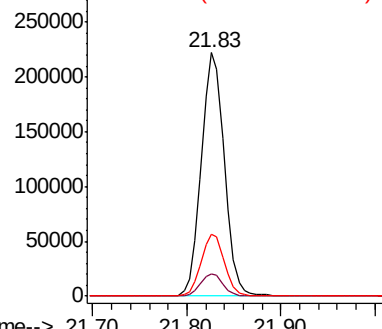
236 25.6 21.0 31.4

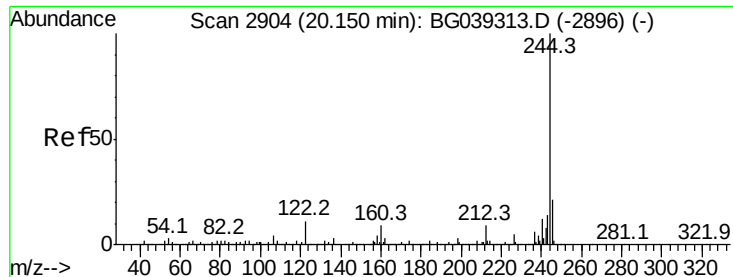


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.693 ng

RT: 20.13 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG039495.D

Acq: 13 Feb 2019 19:17

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-C

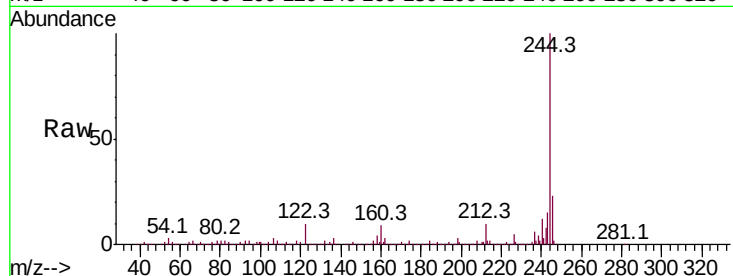
Tot Ion:244 Resp: 1606882

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

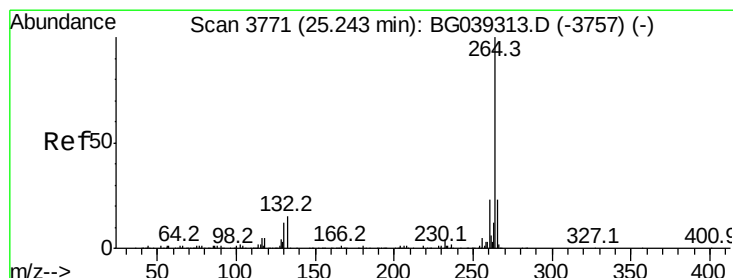
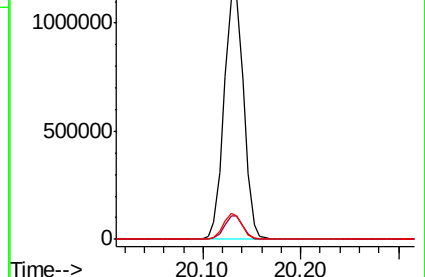
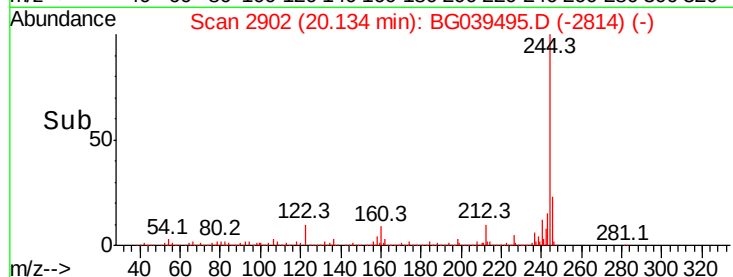
122 9.7 8.4 12.6



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: 25.22 min Scan# 3767

Delta R.T. -0.03 min

Lab File: BG039495.D

Acq: 13 Feb 2019 19:17

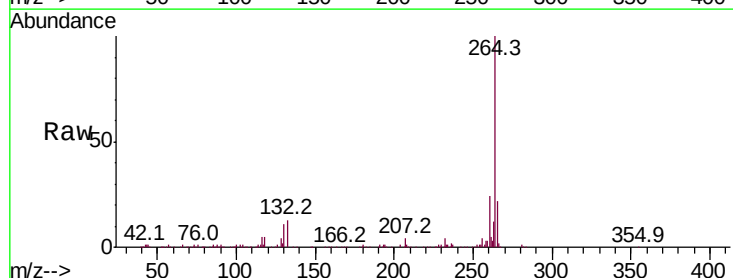
Tgt Ion:264 Resp: 373684

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 21.5 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

