

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039893.D
 Acq On : 13 Mar 2019 4:08
 Operator : JU/SJ
 Sample : K1697-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031119-B

Quant Time: Mar 13 07:12:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41864	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	168259	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	106701	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	260147	20.00	ng	0.00
76) Chrysene-d12	21.81	240	284088	20.00	ng	0.00
87) Perylene-d12	25.18	264	268767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	323057	131.65	ng	0.00
7) Phenol-d6	7.30	99	384099	104.98	ng	0.00
23) Nitrobenzene-d5	9.33	82	332324	106.82	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	169527	136.31	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	762171	101.70	ng	0.00
79) Terphenyl-d14	20.12	244	1288791	99.89	ng	0.00

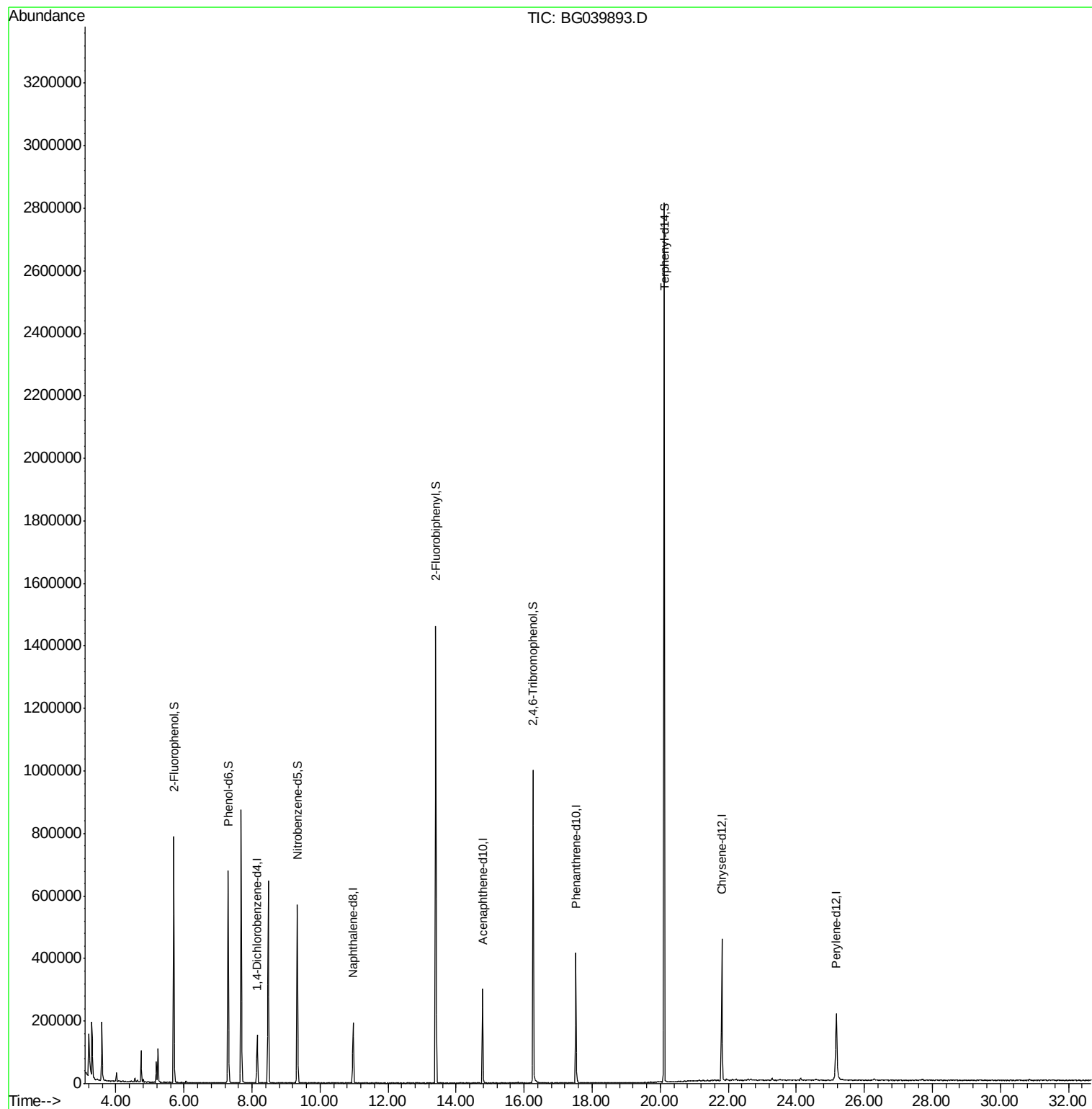
Target Compounds Qvalue

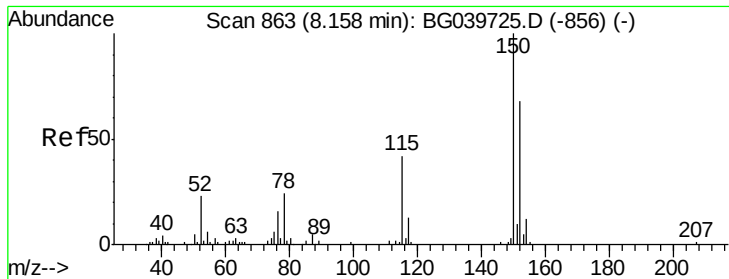
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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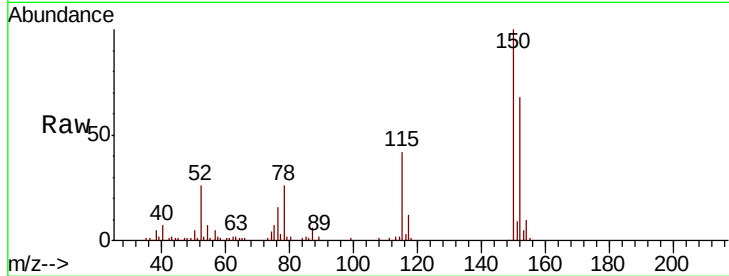


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG039893.D
Acq: 13 Mar 2019 4:08

Instrument :
BNA_G
ClientSampleId :
SU-03-031119-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.3	123.7	185.5
115	62.0	45.9	68.9

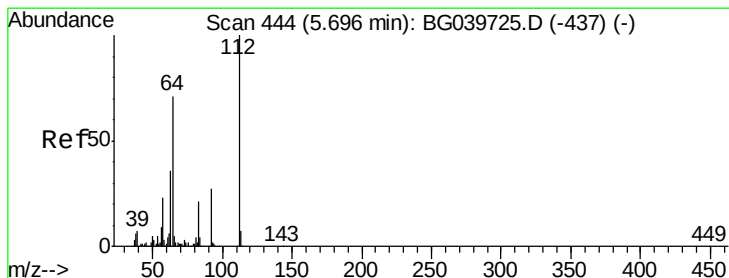
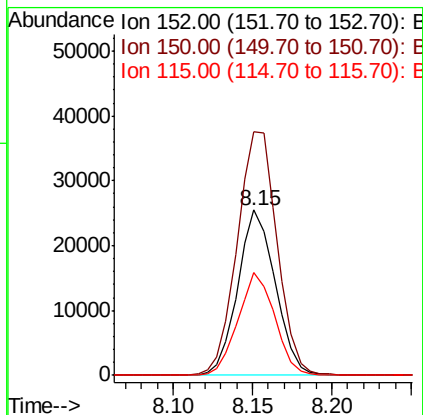
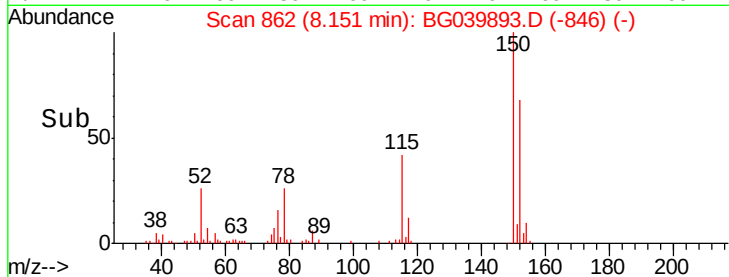


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

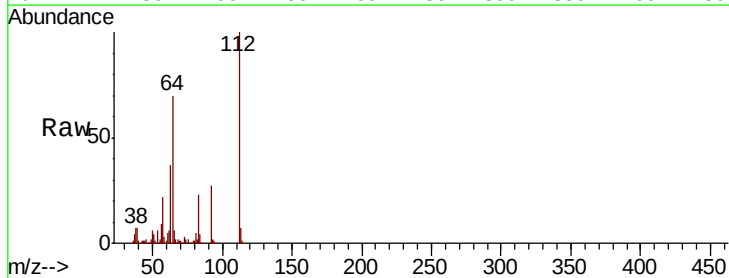
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.650 ng
RT: 5.70 min Scan# 445
Delta R.T. 0.00 min
Lab File: BG039893.D
Acq: 13 Mar 2019 4:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	57.8	86.8
63	36.5	29.8	44.6

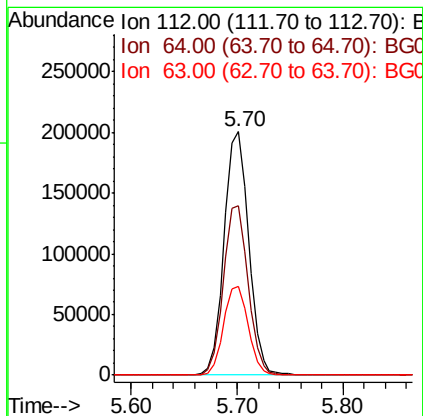
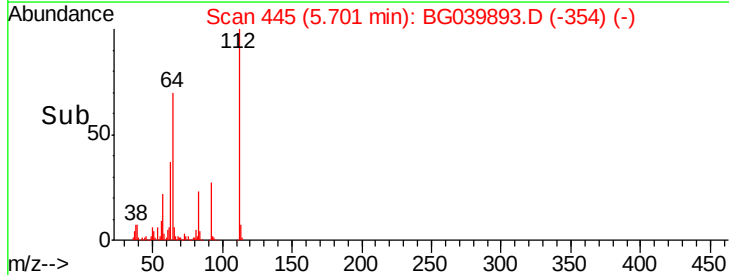


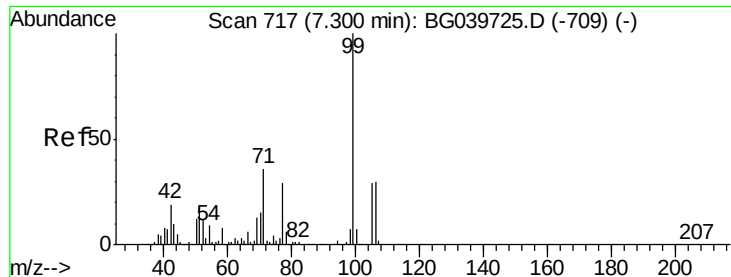
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 104.976 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG039893.D

Acq: 13 Mar 2019 4:08

Instrument :

BNA_G

ClientSampleId :

SU-03-031119-B

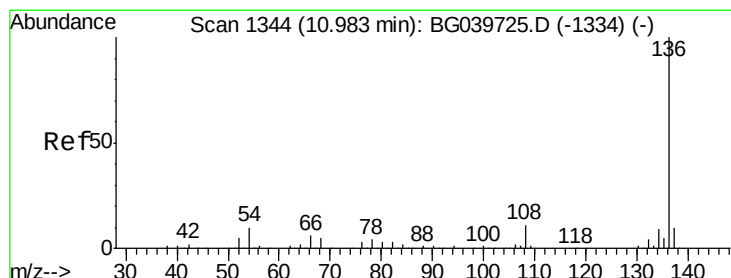
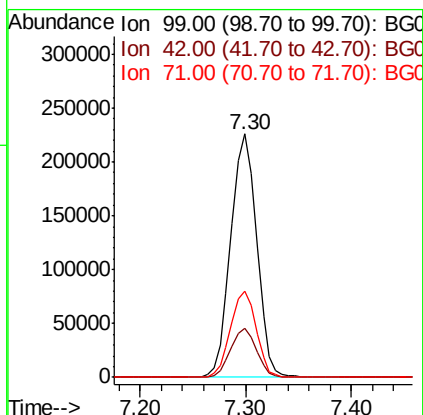
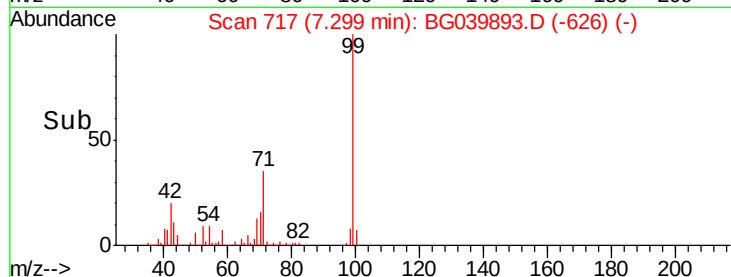
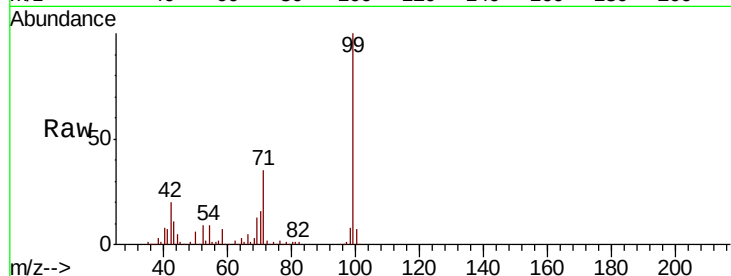
Tot Ion: 99 Resp: 384099

Ion Ratio Lower Upper

99 100

42 20.4 18.2 27.2

71 35.2 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BG039893.D

Acq: 13 Mar 2019 4:08

Tgt Ion: 136 Resp: 168259

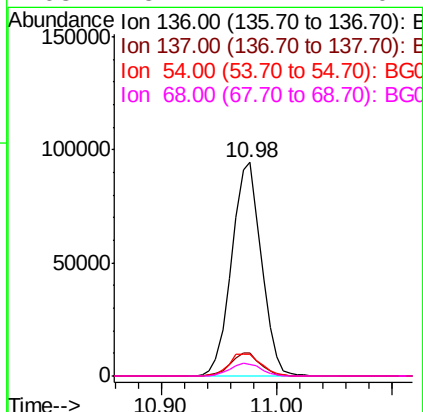
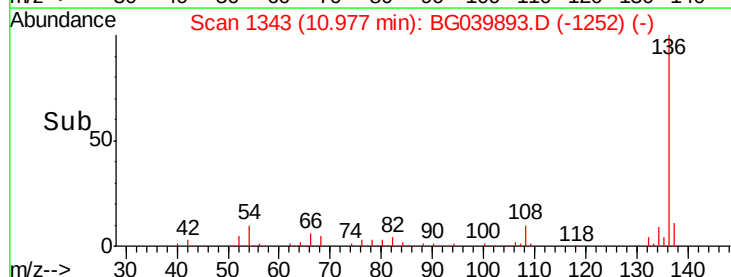
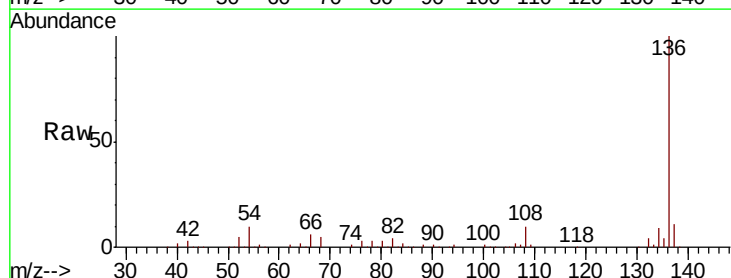
Ion Ratio Lower Upper

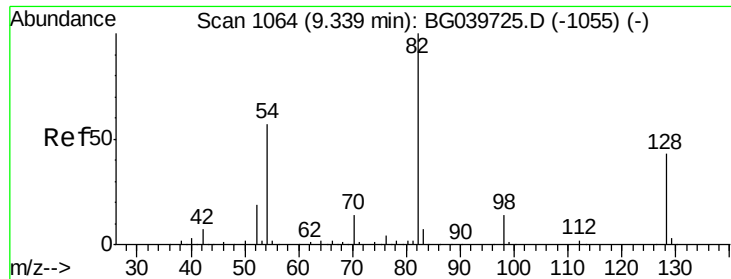
136 100

137 10.8 9.1 13.7

54 10.2 9.4 14.2

68 5.1 4.2 6.4

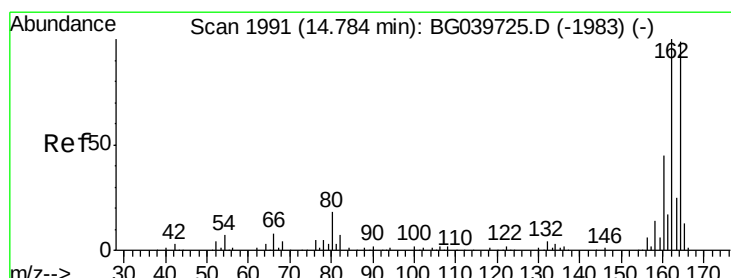
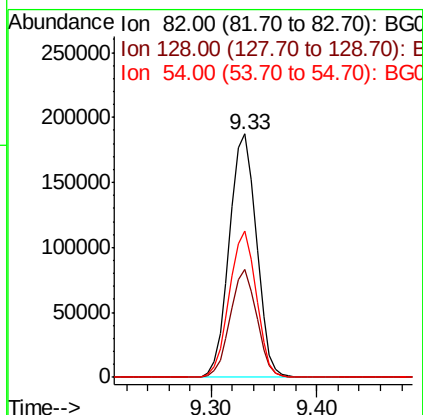
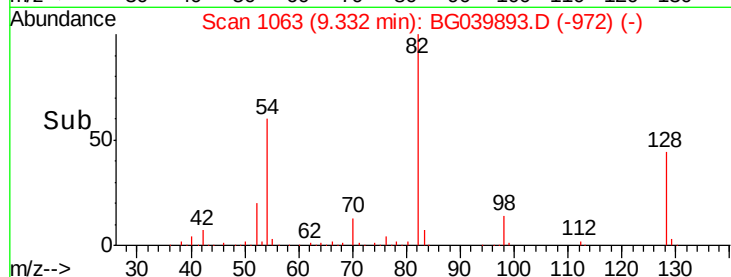
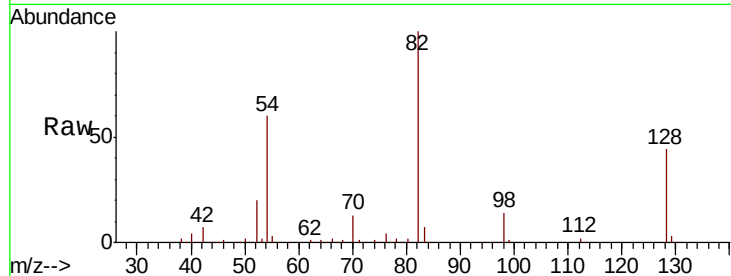




#23
Nitrobenzene-d5
Concen: 106.820 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BG039893.D
Acq: 13 Mar 2019 4:08

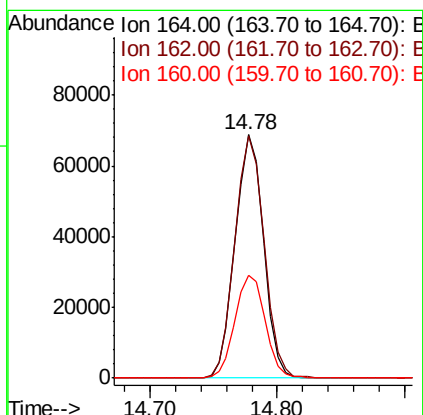
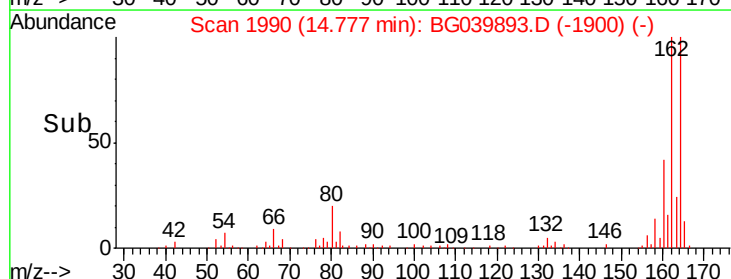
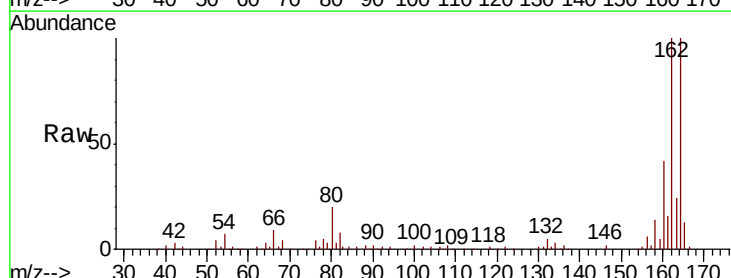
Instrument :
BNA_G
ClientSampleId :
SU-03-031119-B

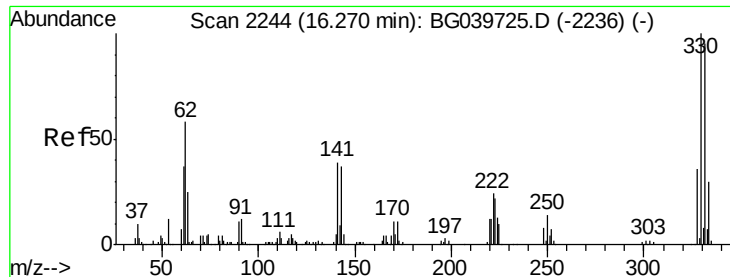
Tot Ion: 82 Resp: 332324
Ion Ratio Lower Upper
82 100
128 44.2 31.3 46.9
54 59.8 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG039893.D
Acq: 13 Mar 2019 4:08

Tgt Ion:164 Resp: 106701
Ion Ratio Lower Upper
164 100
162 99.5 81.6 122.4
160 42.1 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 136.311 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BG039893.D

Acq: 13 Mar 2019 4:08

Instrument :

BNA_G

ClientSampleId :

SU-03-031119-B

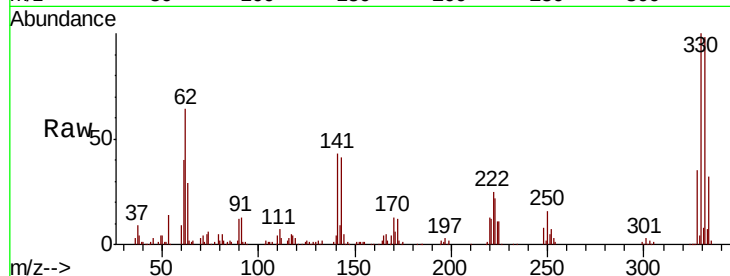
Tot Ion:330 Resp: 169527

Ion Ratio Lower Upper

330 100

332 97.5 75.7 113.5

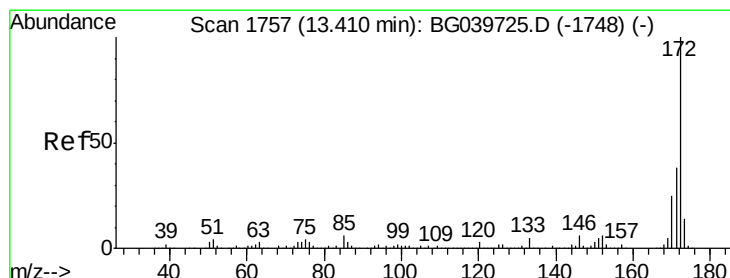
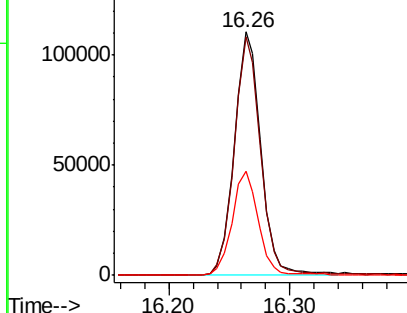
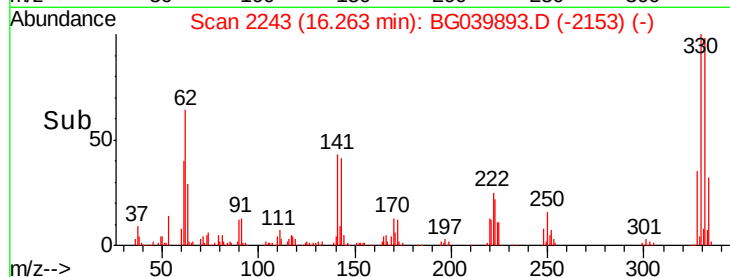
141 42.5 35.6 53.4



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: 101.705 ng

RT: 13.40 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BG039893.D

Acq: 13 Mar 2019 4:08

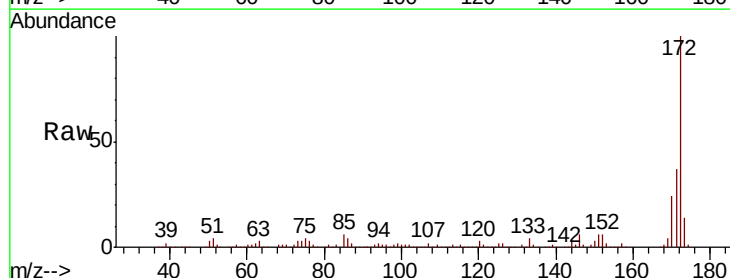
Tgt Ion:172 Resp: 762171

Ion Ratio Lower Upper

172 100

171 36.9 30.8 46.2

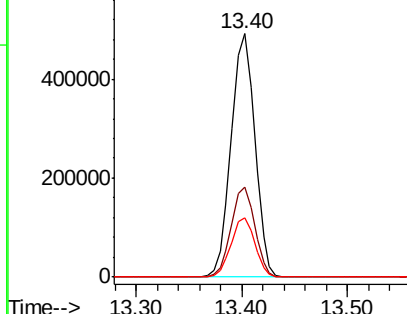
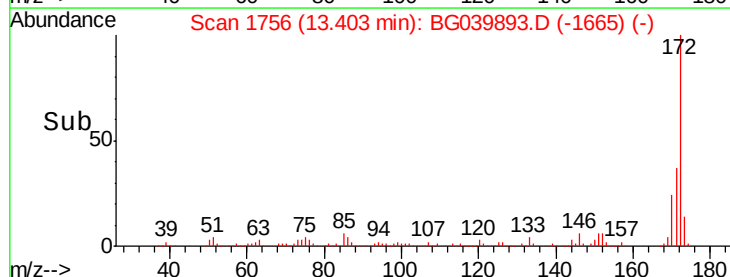
170 24.3 20.2 30.4

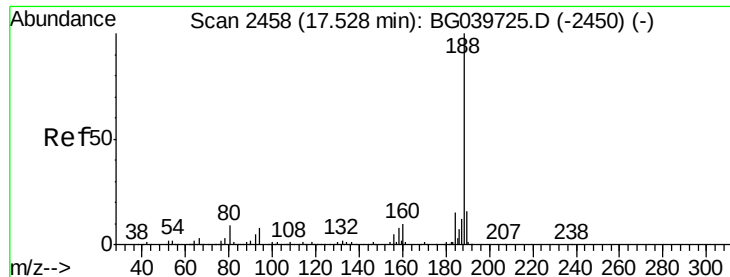


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG039893.D

Acq: 13 Mar 2019 4:08

Instrument :

BNA_G

ClientSampleId :

SU-03-031119-B

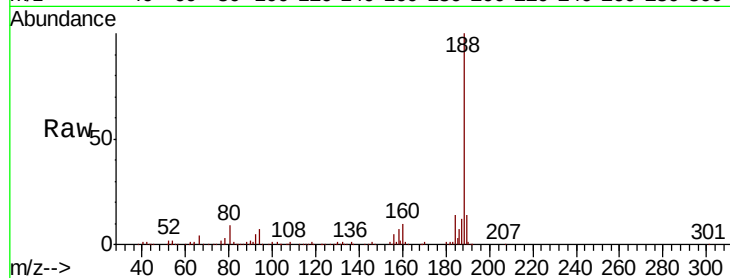
Tot Ion:188 Resp: 260147

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

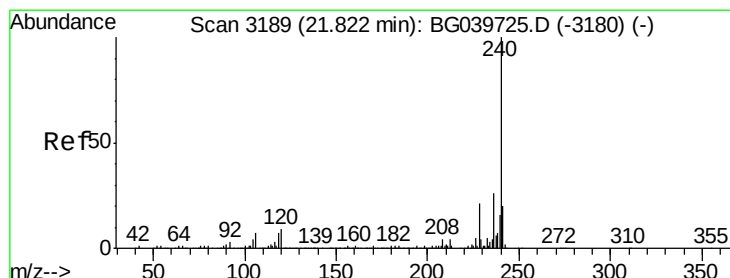
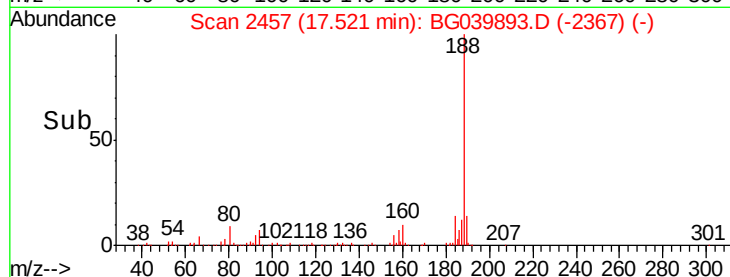
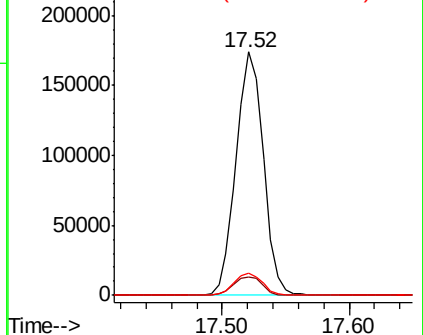
80 9.0 8.1 12.1



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: 21.81 min Scan# 3187

Delta R.T. -0.00 min

Lab File: BG039893.D

Acq: 13 Mar 2019 4:08

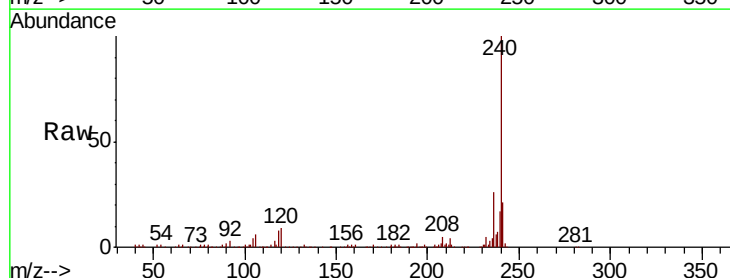
Tgt Ion:240 Resp: 284088

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

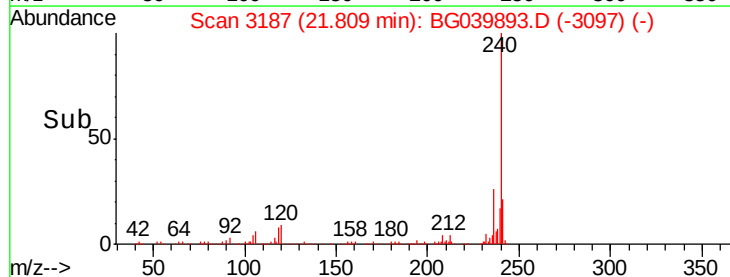
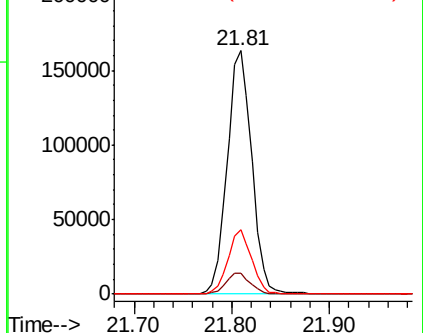
236 26.4 21.0 31.4

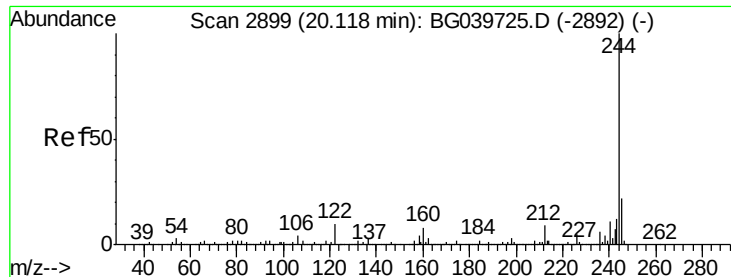


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.887 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BG039893.D

Acq: 13 Mar 2019 4:08

Instrument :

BNA_G

ClientSampleId :

SU-03-031119-B

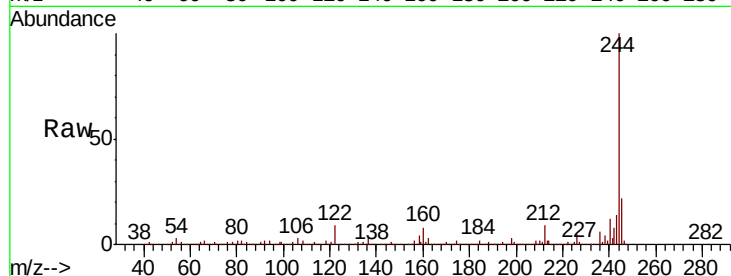
Tot Ion:244 Resp: 1288791

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

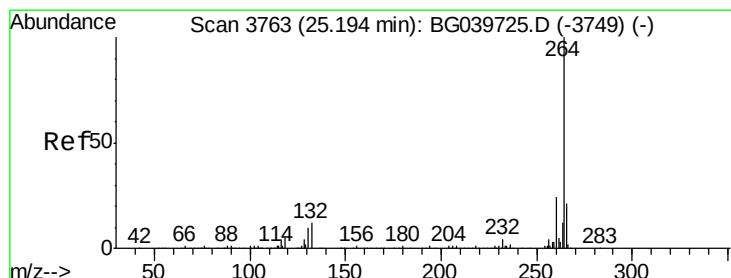
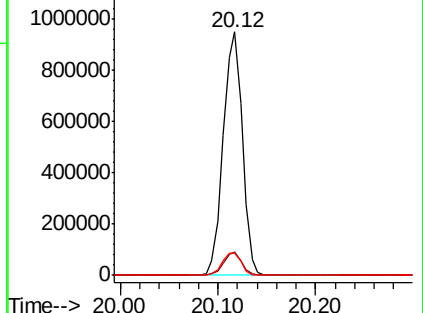
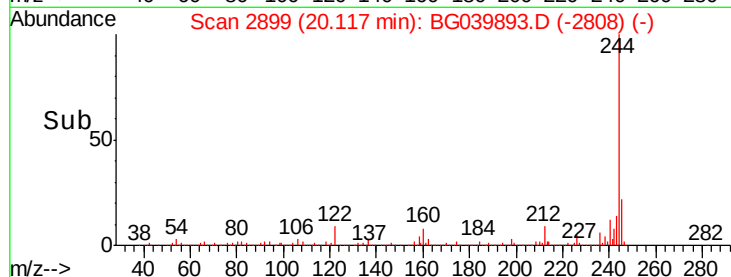
122 9.4 8.4 12.6



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: 25.18 min Scan# 3761

Delta R.T. -0.00 min

Lab File: BG039893.D

Acq: 13 Mar 2019 4:08

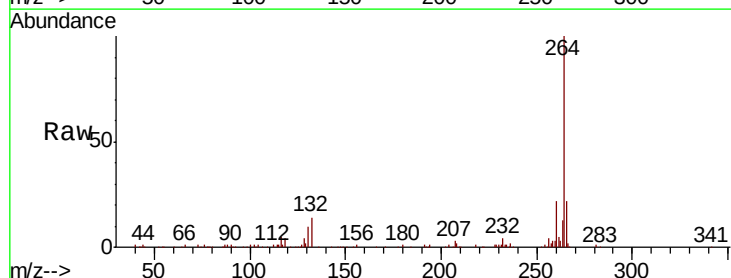
Tgt Ion:264 Resp: 268767

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

265 22.2 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

