

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039897.D
 Acq On : 13 Mar 2019 6:46
 Operator : JU/SJ
 Sample : K1697-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-031119-B

Quant Time: Mar 13 15:11:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	38992	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	162380	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	114801	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	293374	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	313199	20.00	ng	-0.02
87) Perylene-d12	25.17	264	287463	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	306249	133.99	ng	-0.01
7) Phenol-d6	7.30	99	380764	111.73	ng	-0.01
23) Nitrobenzene-d5	9.33	82	314519	104.76	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	177873	132.93	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	748546	92.84	ng	-0.01
79) Terphenyl-d14	20.12	244	1364312	95.91	ng	0.00

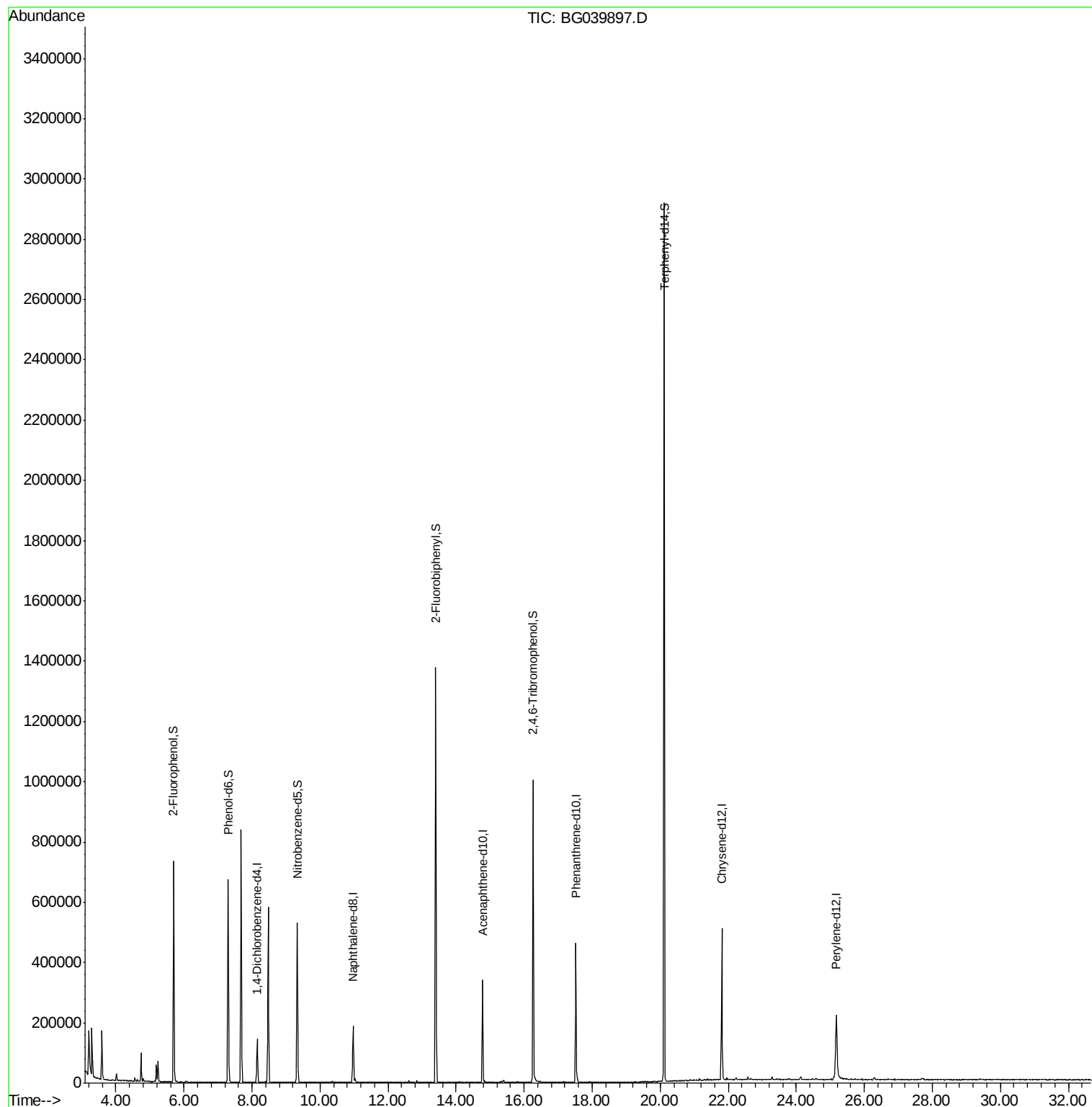
Target Compounds Qvalue

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

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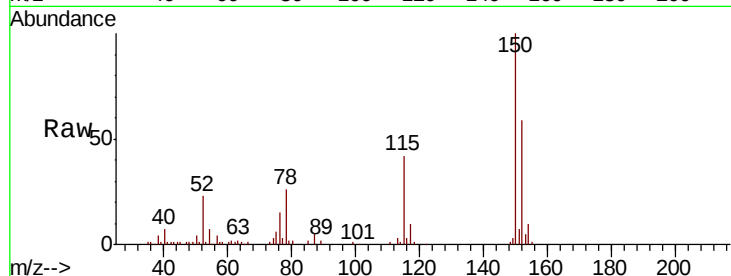


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039897.D
Acq: 13 Mar 2019 6:46

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	169.3	123.7	185.5
115	71.9	45.9	68.9

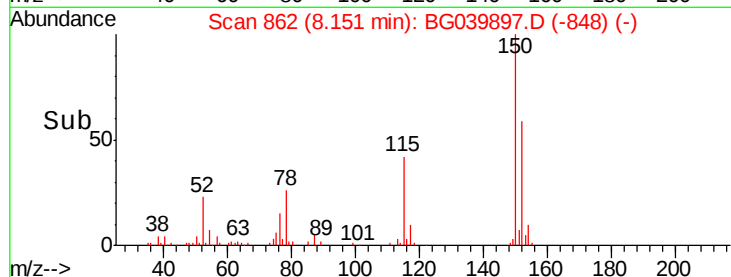
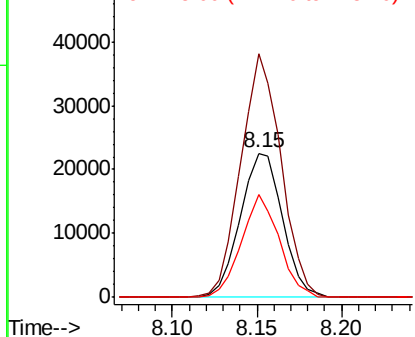


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

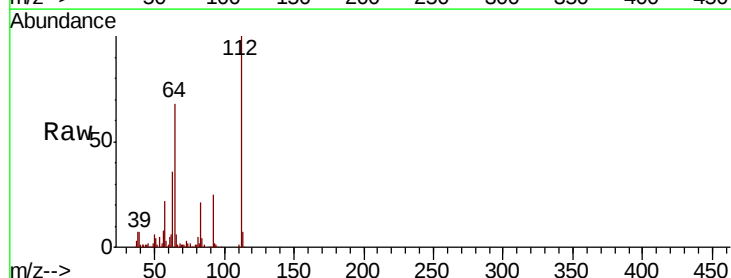
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 133.992 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039897.D
Acq: 13 Mar 2019 6:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	57.8	86.8
63	36.3	29.8	44.6

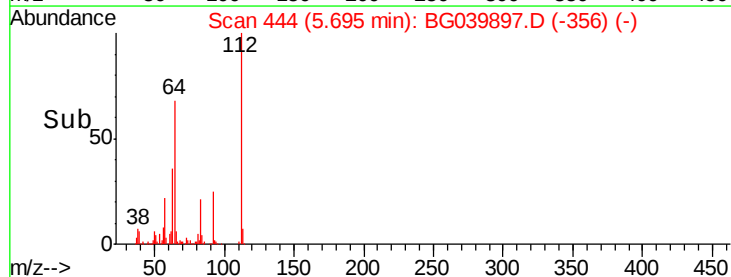
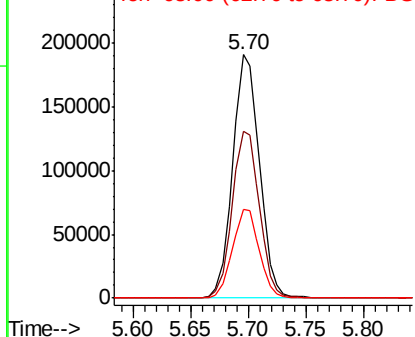


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.729 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039897.D

Acq: 13 Mar 2019 6:46

Instrument :

BNA_G

ClientSampleId :

SU-04-031119-B

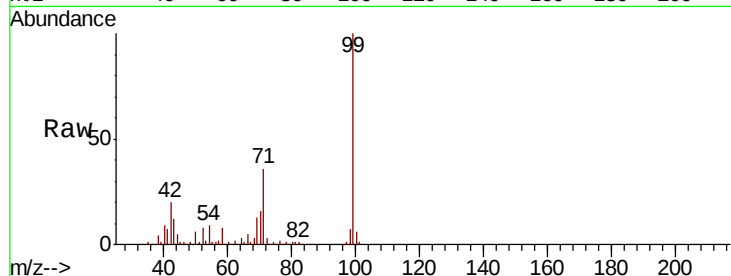
Tot Ion: 99 Resp: 380764

Ion Ratio Lower Upper

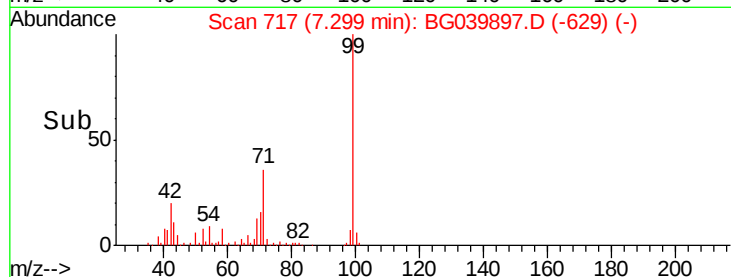
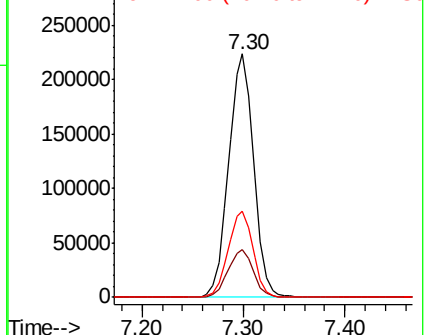
99 100

42 19.8 18.2 27.2

71 35.5 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: 10.97 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BG039897.D

Acq: 13 Mar 2019 6:46

Tgt Ion: 136 Resp: 162380

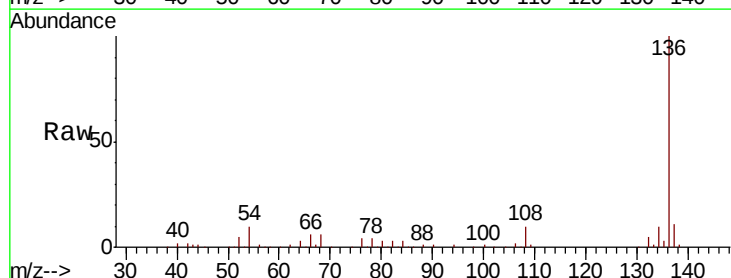
Ion Ratio Lower Upper

136 100

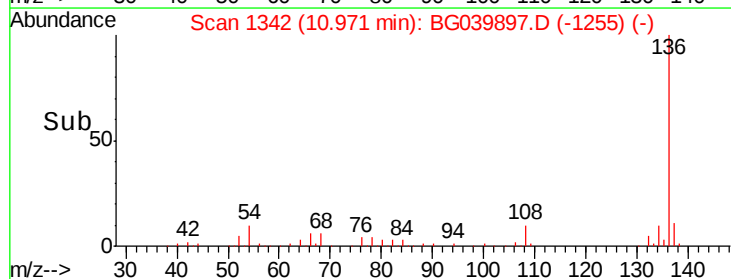
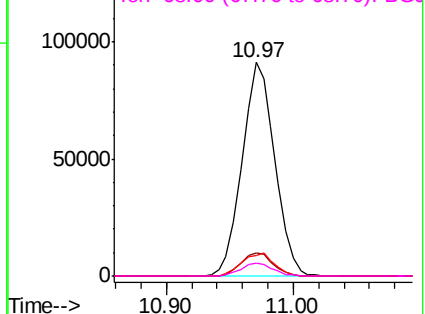
137 10.7 9.1 13.7

54 9.7 9.4 14.2

68 6.0 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

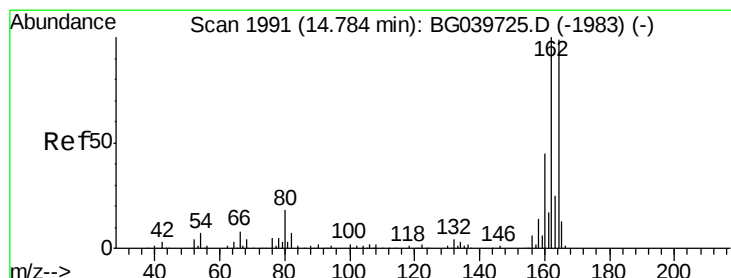
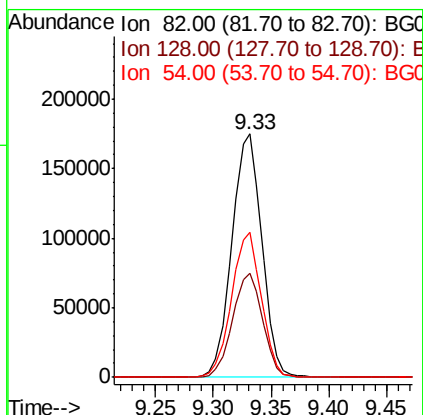
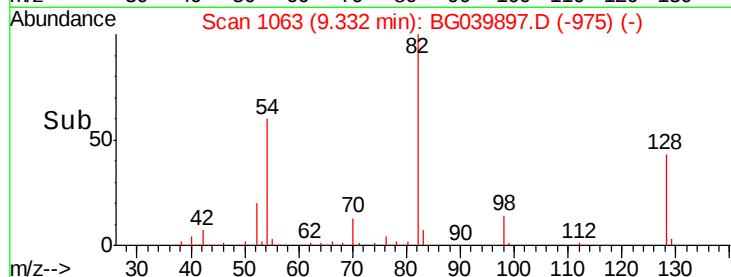
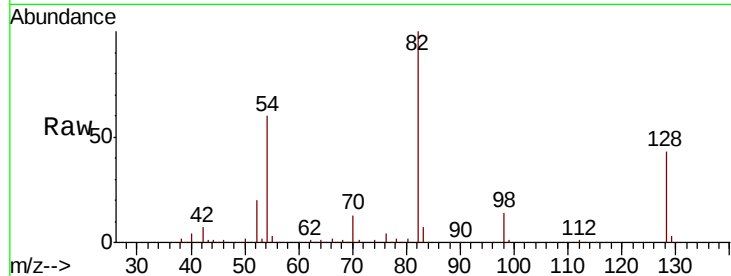




#23
Nitrobenzene-d5
Concen: 104.757 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039897.D
Acq: 13 Mar 2019 6:46

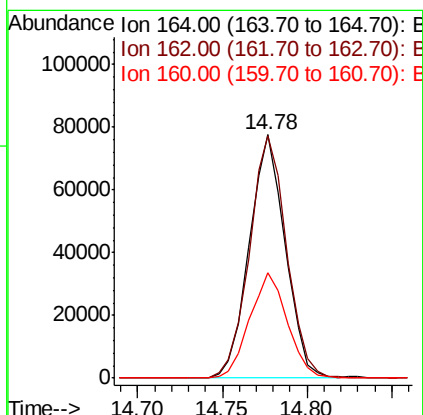
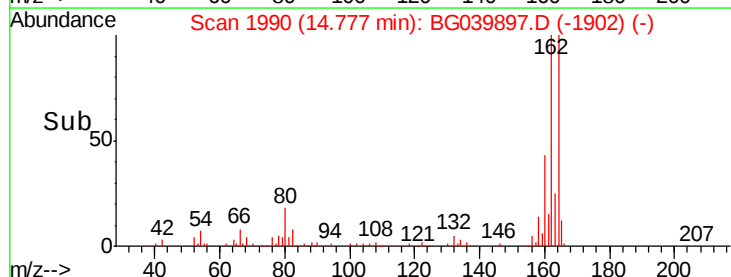
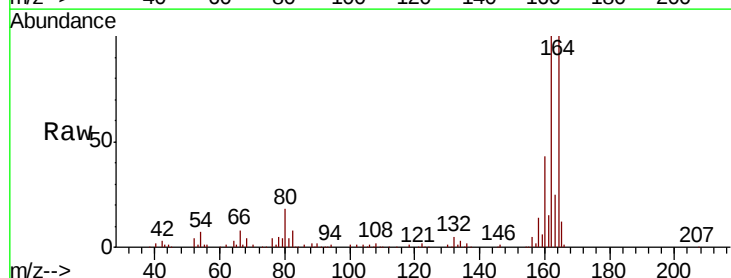
Instrument :
BNA_G
ClientSampleId :
SU-04-031119-B

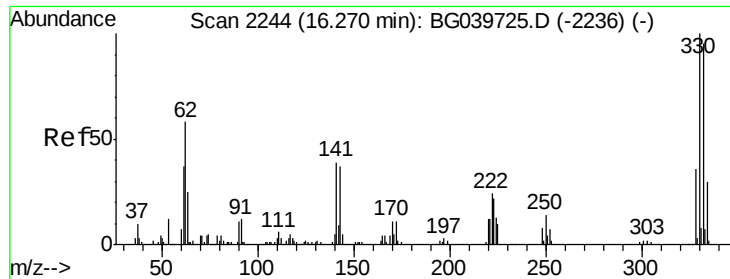
Tot Ion: 82 Resp: 314519
Ion Ratio Lower Upper
82 100
128 42.8 31.3 46.9
54 59.5 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039897.D
Acq: 13 Mar 2019 6:46

Tgt Ion: 164 Resp: 114801
Ion Ratio Lower Upper
164 100
162 99.7 81.6 122.4
160 43.1 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 132.930 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039897.D

Acq: 13 Mar 2019 6:46

Instrument :

BNA_G

ClientSampleId :

SU-04-031119-B

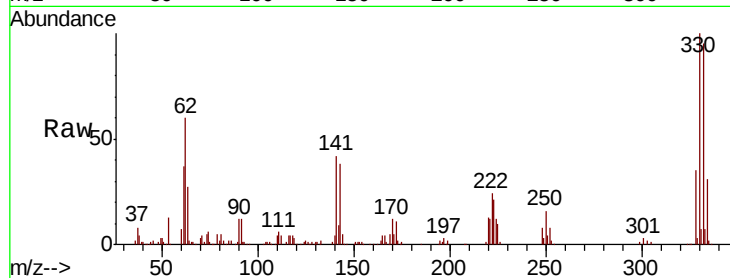
Tot Ion:330 Resp: 177873

Ion Ratio Lower Upper

330 100

332 96.4 75.7 113.5

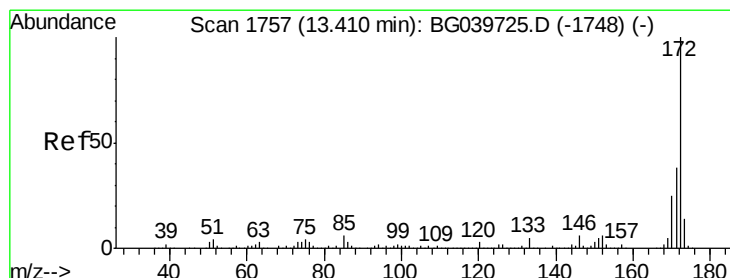
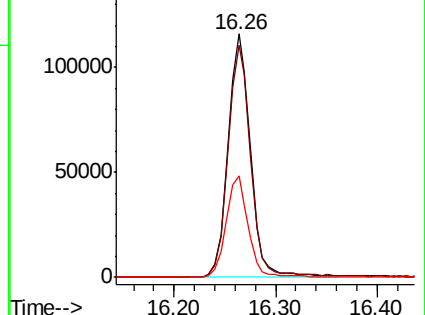
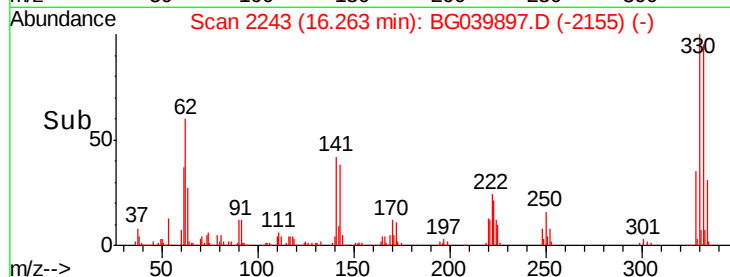
141 41.4 35.6 53.4



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: 92.839 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039897.D

Acq: 13 Mar 2019 6:46

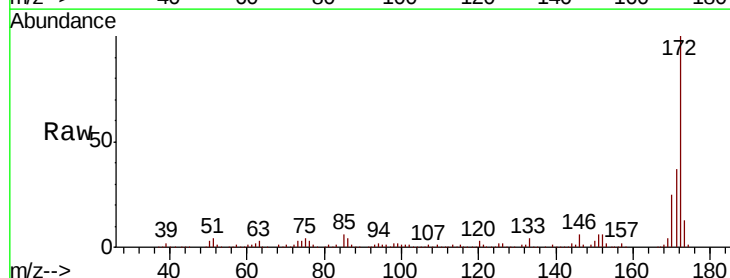
Tgt Ion:172 Resp: 748546

Ion Ratio Lower Upper

172 100

171 37.2 30.8 46.2

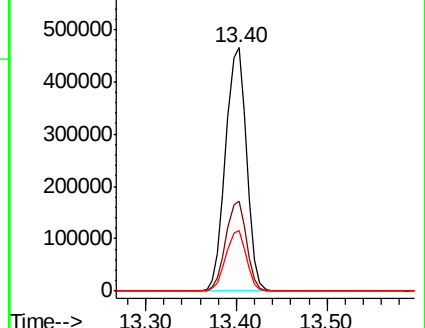
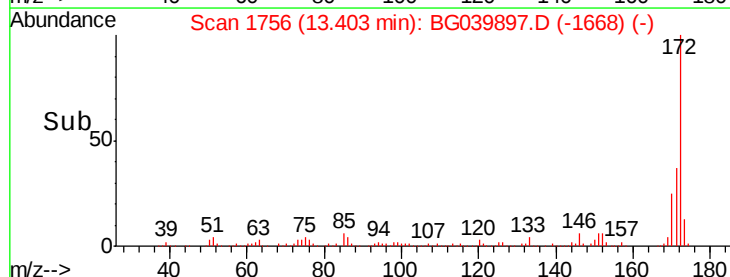
170 25.0 20.2 30.4



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: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039897.D

Acq: 13 Mar 2019 6:46

Instrument :

BNA_G

ClientSampleId :

SU-04-031119-B

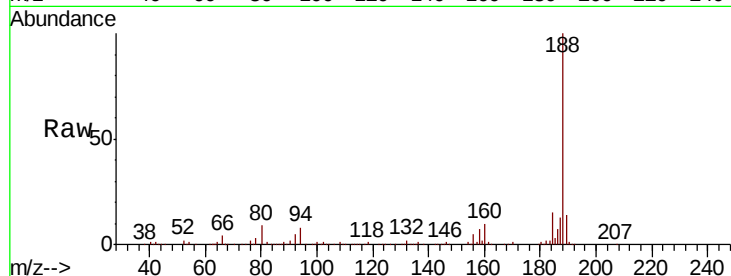
Tot Ion:188 Resp: 293374

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

80 9.3 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

250000

200000

150000

100000

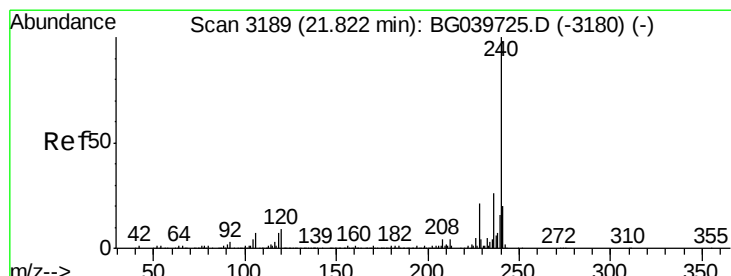
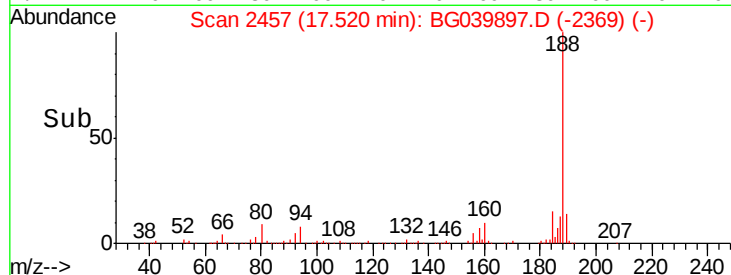
50000

0

17.52

17.50 17.52 17.54 17.56 17.58 17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039897.D

Acq: 13 Mar 2019 6:46

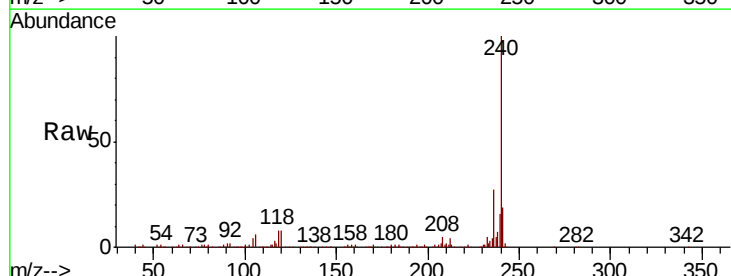
Tgt Ion:240 Resp: 313199

Ion Ratio Lower Upper

240 100

120 8.0 7.0 10.6

236 26.8 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

250000

200000

150000

100000

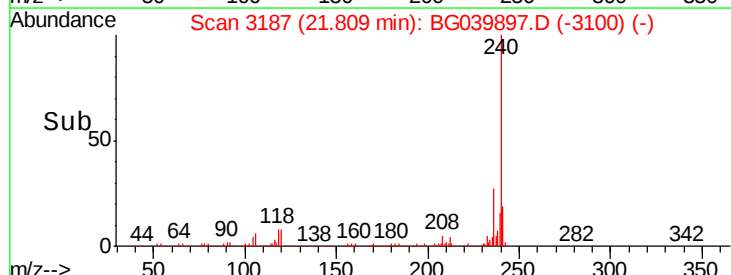
50000

0

21.81

21.70 21.80 21.90

Time-->





#79

Terphenyl-d14

Concen: 95.912 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039897.D

Acq: 13 Mar 2019 6:46

Instrument :

BNA_G

ClientSampleId :

SU-04-031119-B

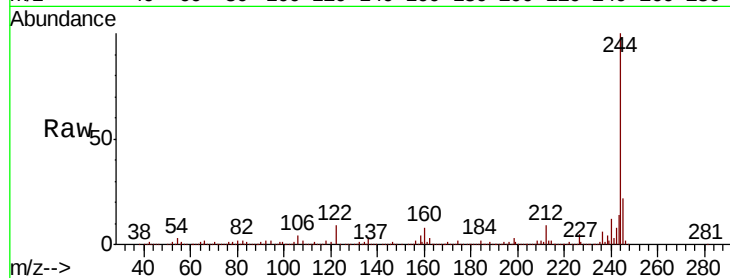
Tot Ion:244 Resp: 1364312

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

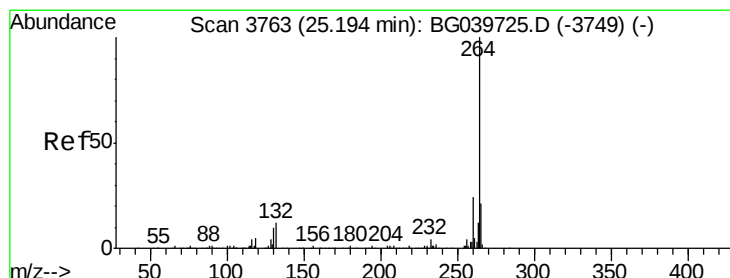
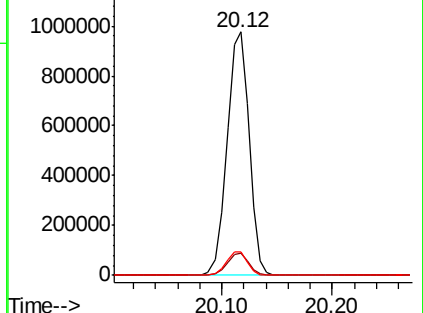
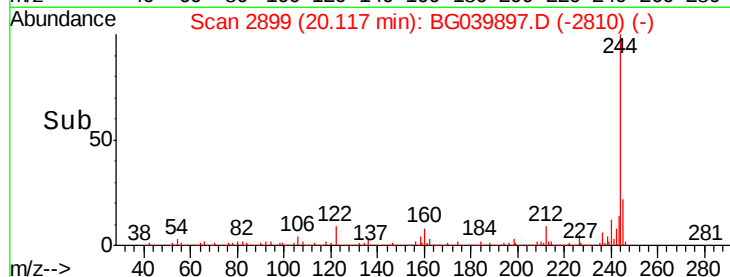
122 9.5 8.4 12.6



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: 25.17 min Scan# 3760

Delta R.T. -0.03 min

Lab File: BG039897.D

Acq: 13 Mar 2019 6:46

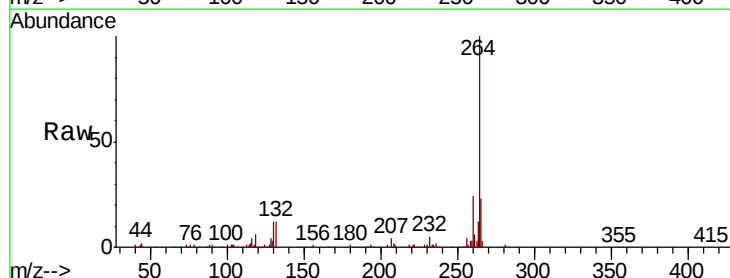
Tgt Ion:264 Resp: 287463

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 23.4 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

