

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039857.D
 Acq On : 12 Mar 2019 2:22
 Operator : JU/SJ
 Sample : K1693-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-030719-A

Quant Time: Mar 12 04:16:05 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	42808	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	173554	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	119446	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	314719	20.00	ng	0.00
76) Chrysene-d12	21.81	240	346270	20.00	ng	-0.02
87) Perylene-d12	25.18	264	332667	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	320287	127.64	ng	0.00
7) Phenol-d6	7.30	99	418936	111.97	ng	-0.01
23) Nitrobenzene-d5	9.33	82	304181	94.79	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	200094	143.72	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	741183	88.35	ng	-0.01
79) Terphenyl-d14	20.12	244	1361755	86.59	ng	0.00

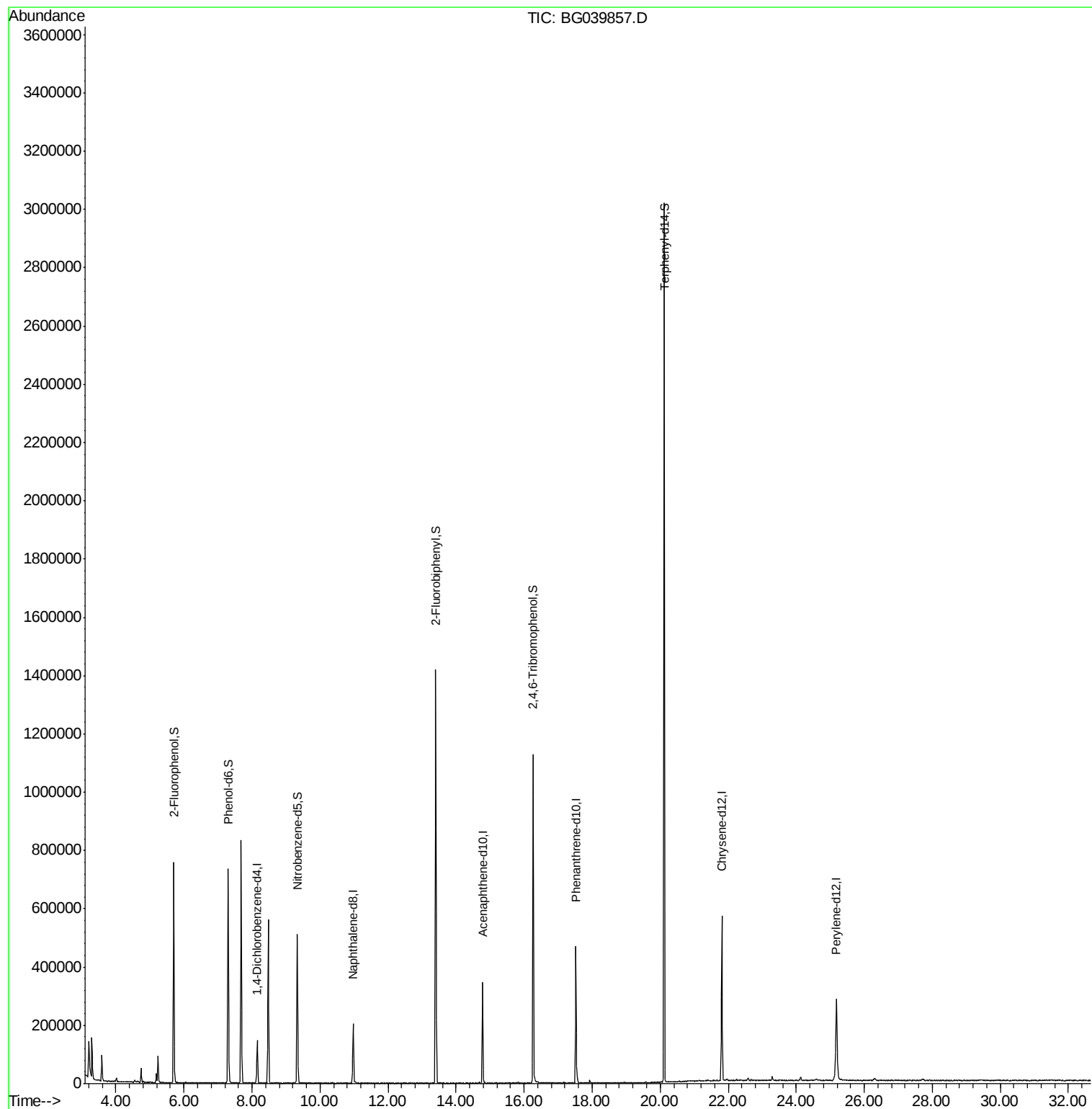
Target Compounds Qvalue

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

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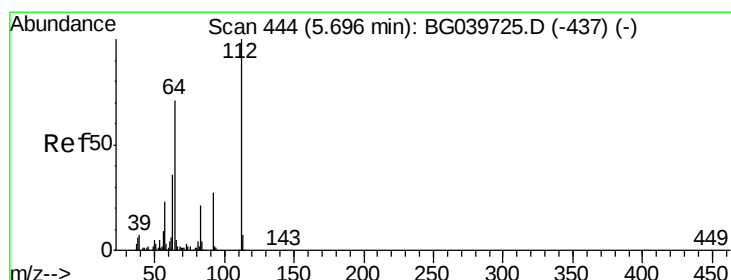
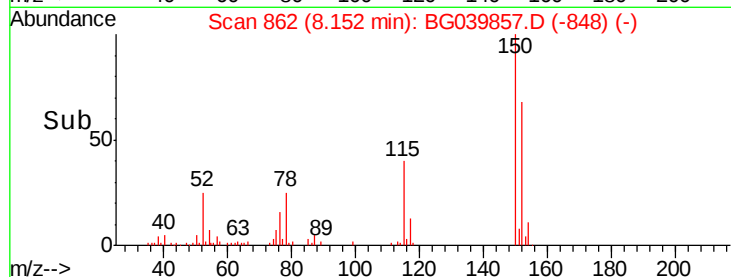
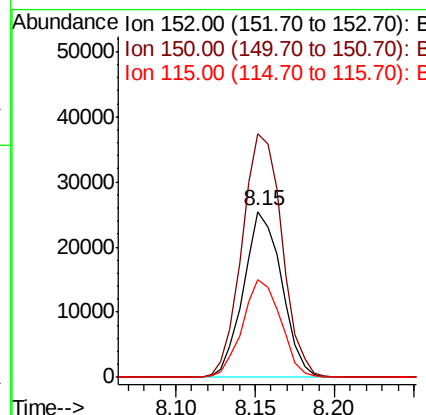
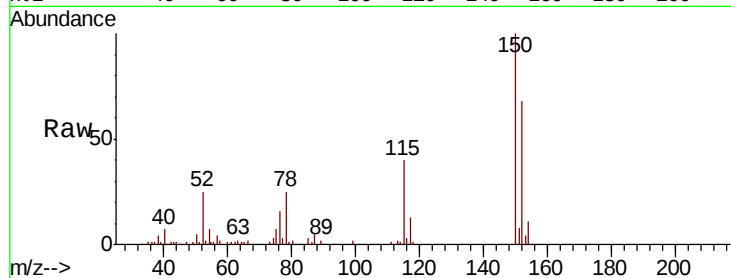


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-A

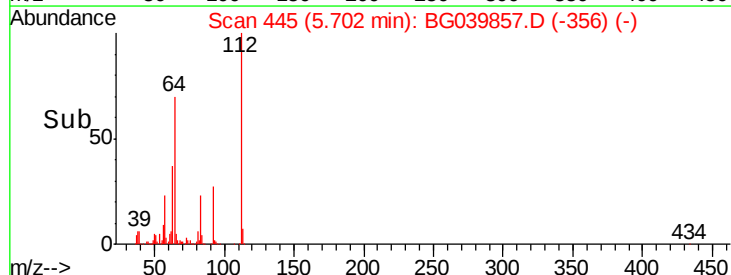
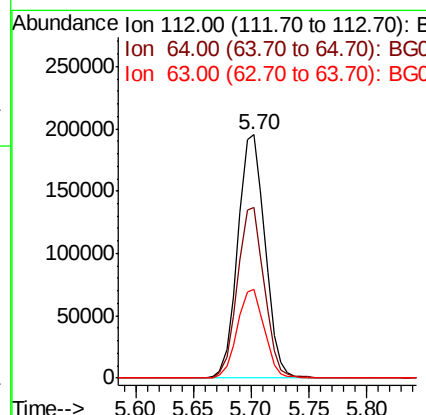
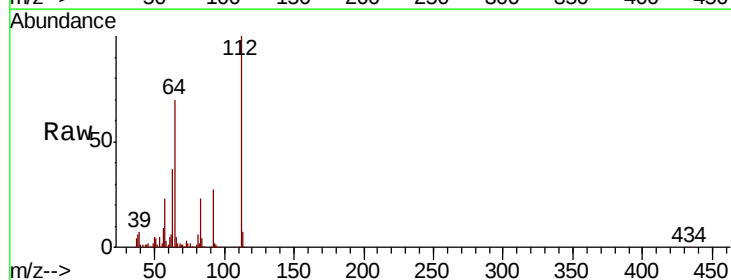
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.7	123.7	185.5
115	58.8	45.9	68.9



#5

2-Fluorophenol
Concen: 127.643 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	57.8	86.8
63	36.6	29.8	44.6





#7

Phenol-d6

Concen: 111.972 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039857.D

Acq: 12 Mar 2019 2:22

Instrument :

BNA_G

ClientSampleId :

OR-01-030719-A

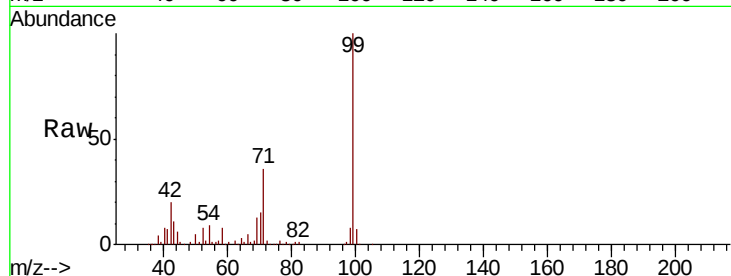
Tot Ion: 99 Resp: 418936

Ion Ratio Lower Upper

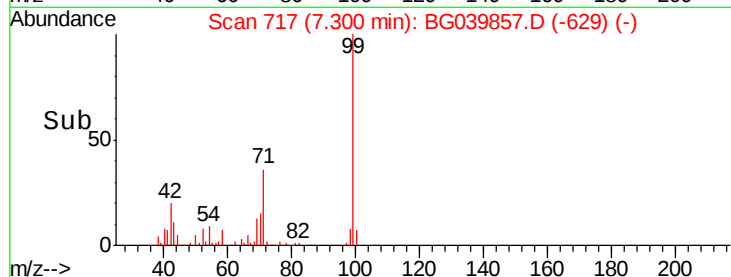
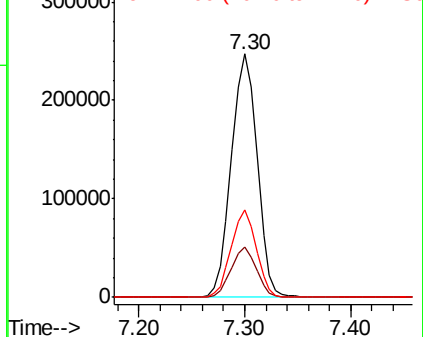
99 100

42 20.5 18.2 27.2

71 35.9 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: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG039857.D

Acq: 12 Mar 2019 2:22

Tgt Ion: 136 Resp: 173554

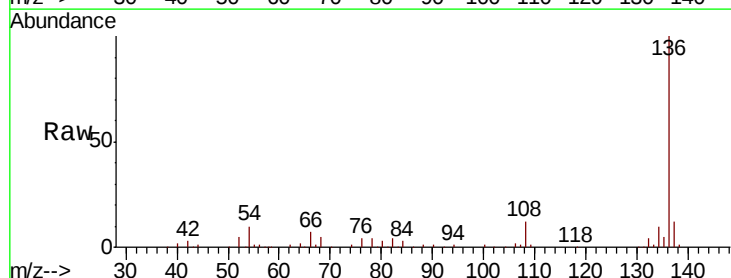
Ion Ratio Lower Upper

136 100

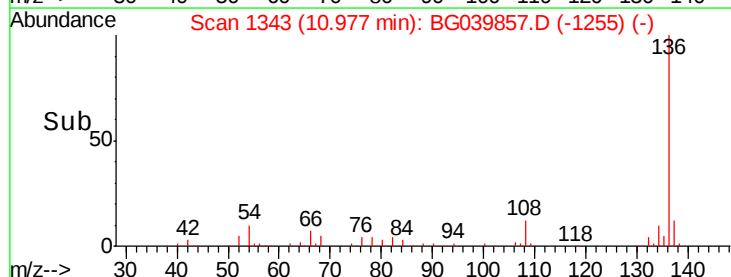
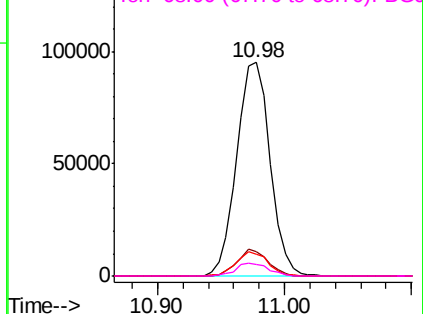
137 11.5 9.1 13.7

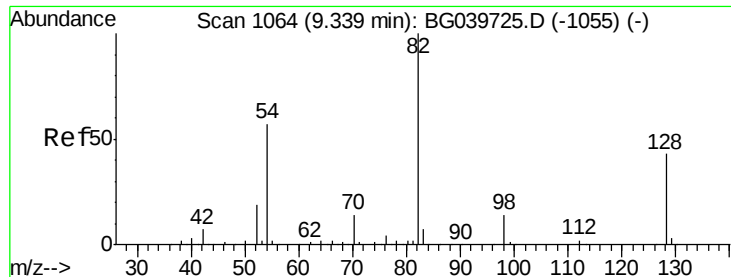
54 10.2 9.4 14.2

68 5.4 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

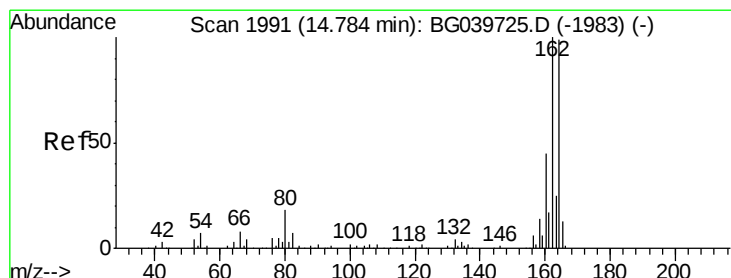
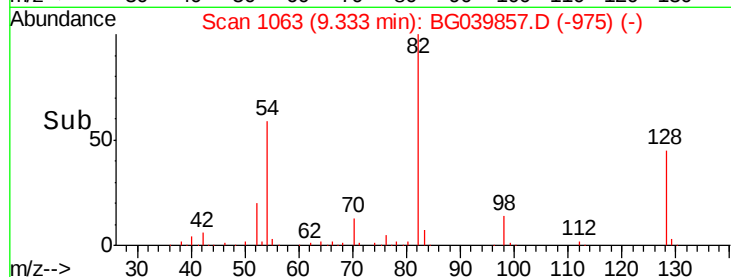
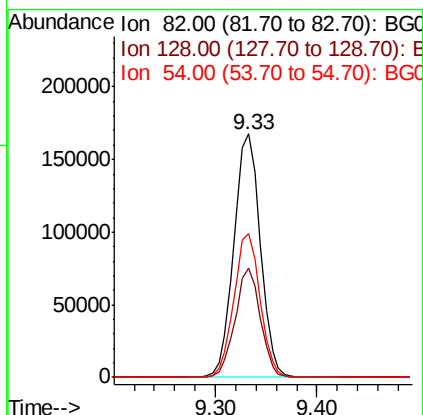
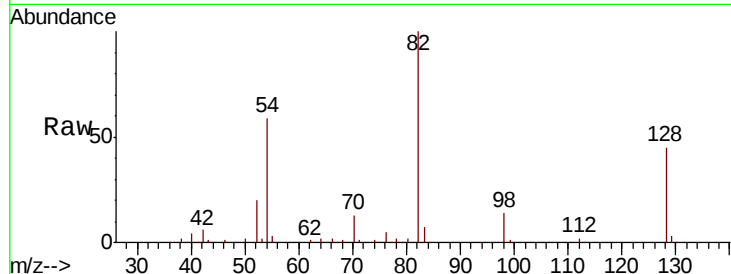




#23
 Nitrobenzene-d5
 Concen: 94.791 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039857.D
 Acq: 12 Mar 2019 2:22

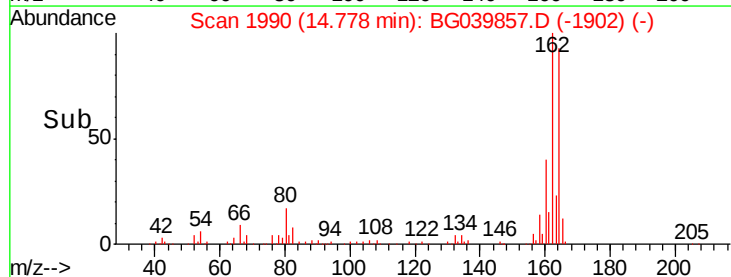
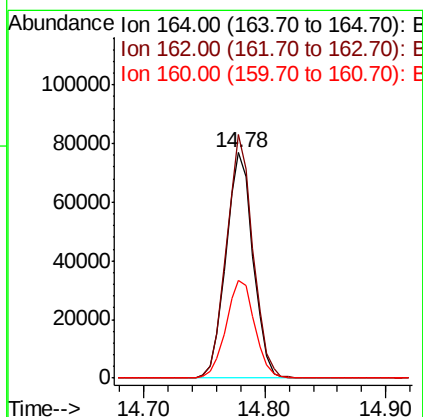
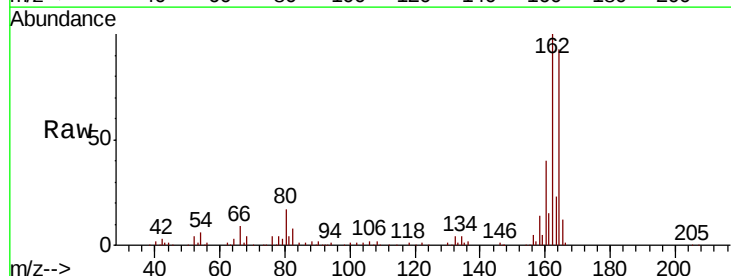
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-030719-A

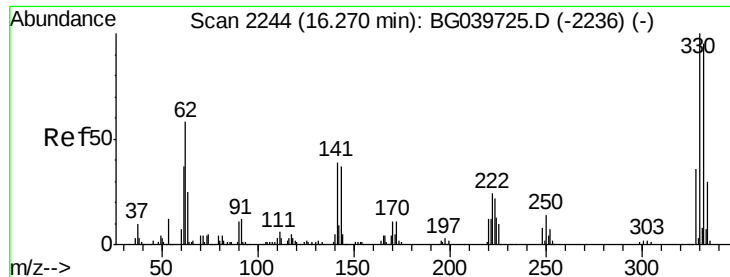
Tot Ion	82	Resp	304181
Ion Ratio	Lower	Upper	
82	100		
128	45.1	31.3	46.9
54	59.2	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039857.D
 Acq: 12 Mar 2019 2:22

Tgt Ion	164	Resp	119446
Ion Ratio	Lower	Upper	
164	100		
162	108.1	81.6	122.4
160	43.1	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 143.722 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039857.D

Acq: 12 Mar 2019 2:22

Instrument :

BNA_G

ClientSampleId :

OR-01-030719-A

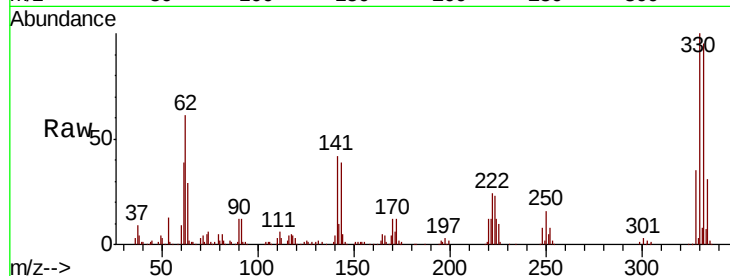
Tot Ion:330 Resp: 200094

Ion Ratio Lower Upper

330 100

332 96.6 75.7 113.5

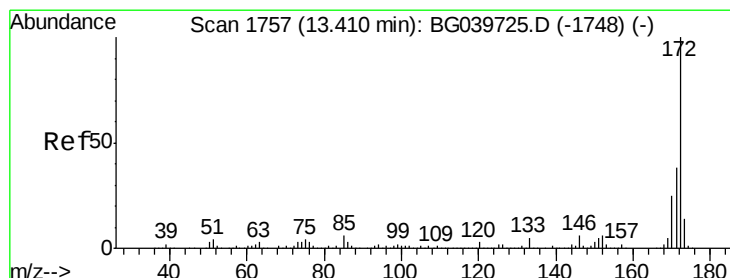
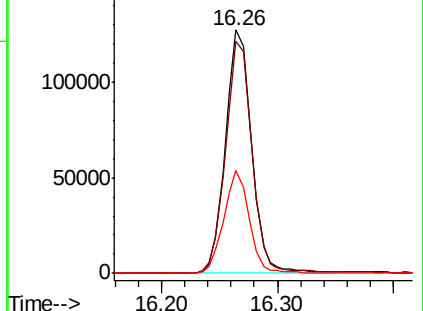
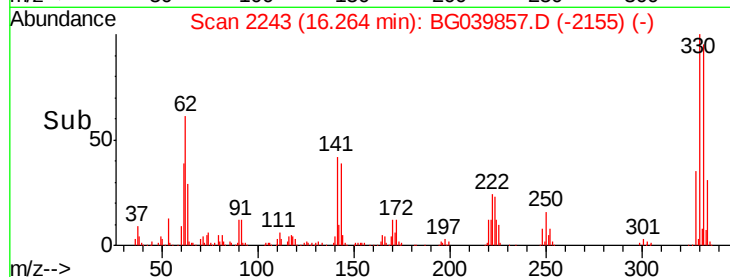
141 41.1 35.6 53.4



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: 88.351 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039857.D

Acq: 12 Mar 2019 2:22

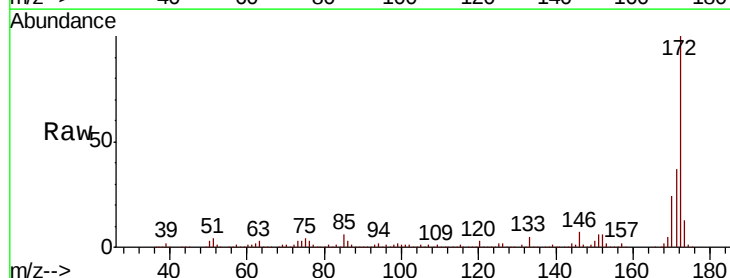
Tgt Ion:172 Resp: 741183

Ion Ratio Lower Upper

172 100

171 37.2 30.8 46.2

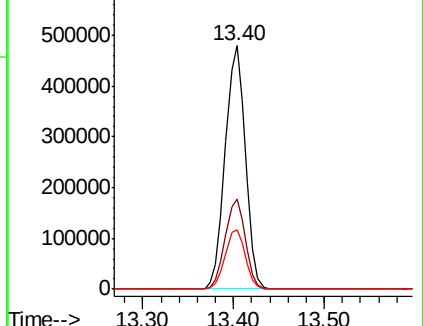
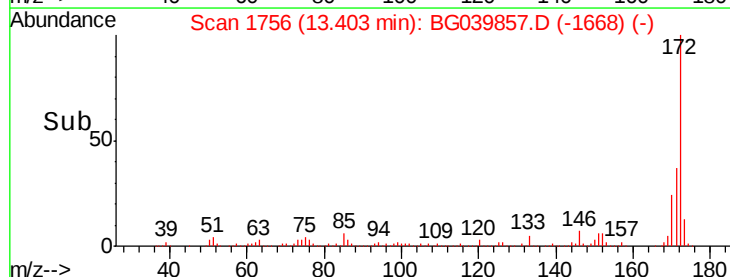
170 24.2 20.2 30.4

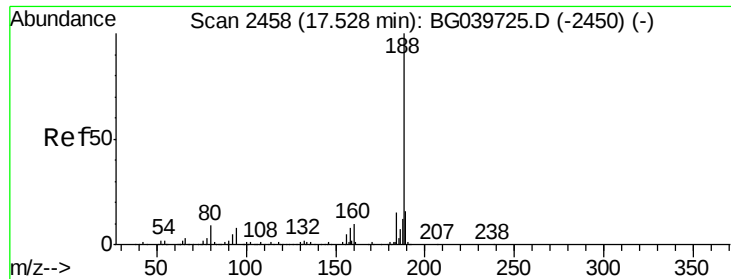


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

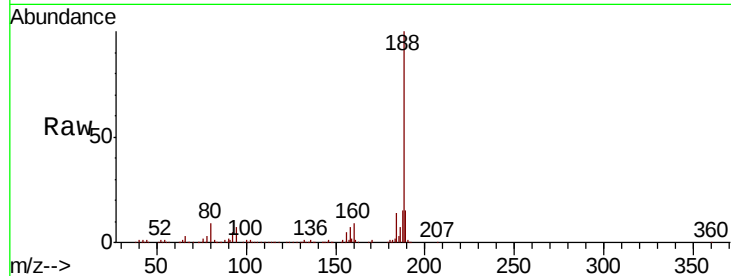




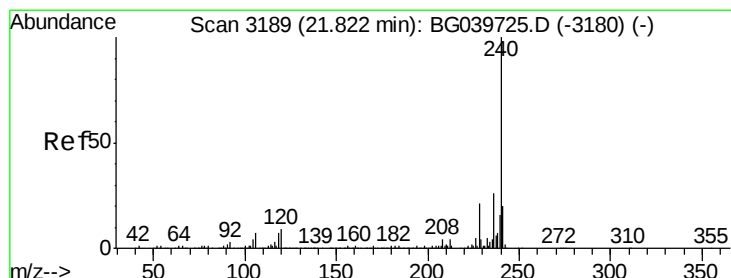
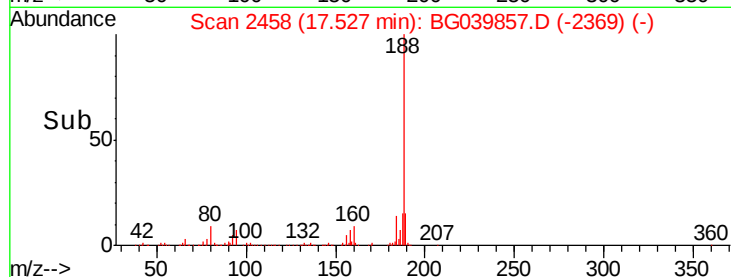
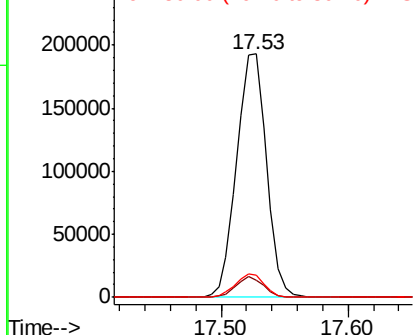
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-A

Tot Ion:188 Resp: 314719
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 9.3 8.1 12.1

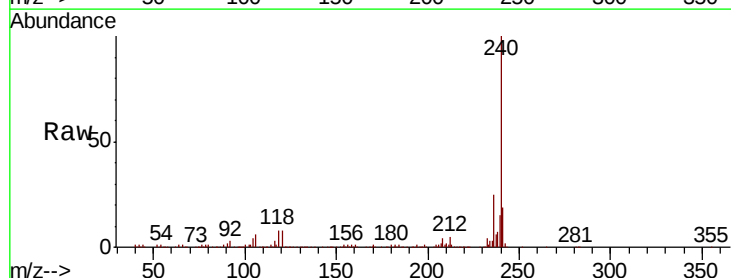


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

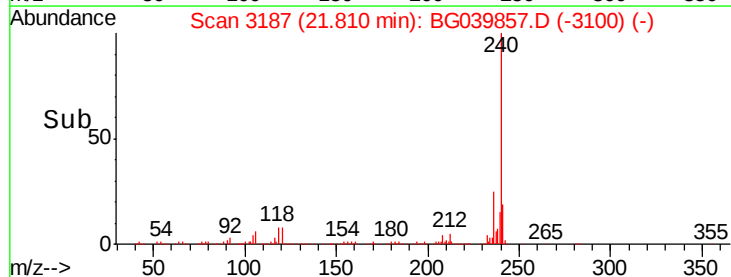
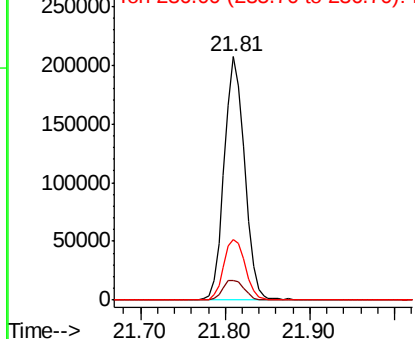


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039857.D
Acq: 12 Mar 2019 2:22

Tgt Ion:240 Resp: 346270
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.6
236 25.0 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: 86.589 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039857.D

Acq: 12 Mar 2019 2:22

Instrument :

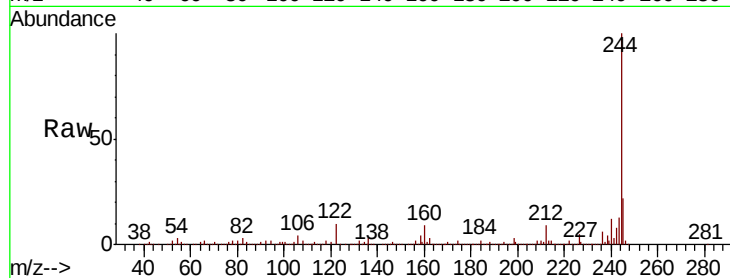
BNA_G

ClientSampleId :

OR-01-030719-A

Tot Ion:244 Resp: 1361755

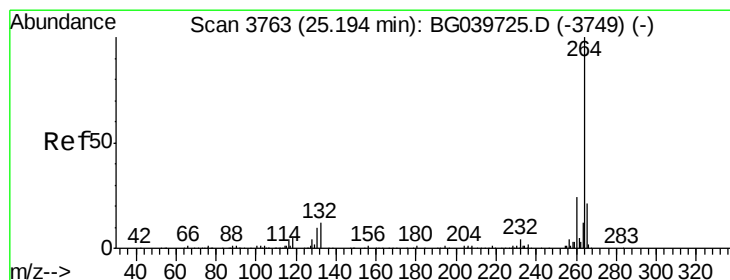
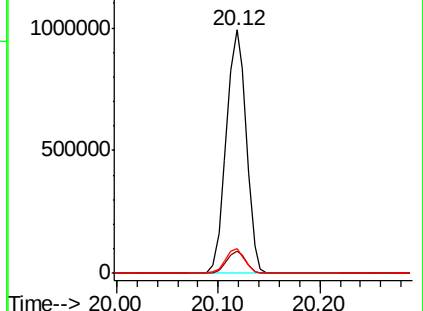
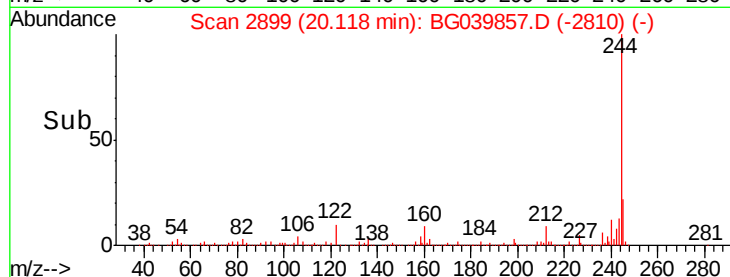
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	10.2	8.4	12.6



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

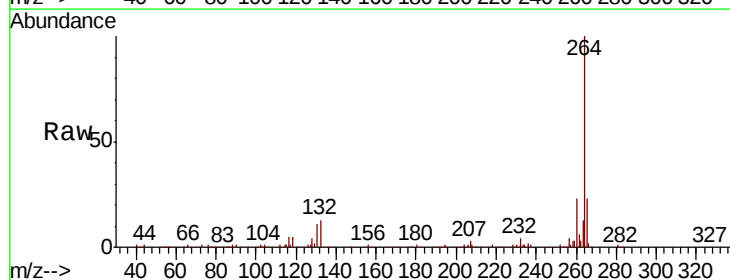
Delta R.T. -0.02 min

Lab File: BG039857.D

Acq: 12 Mar 2019 2:22

Tgt Ion:264 Resp: 332667

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	22.7	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

