

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039860.D
 Acq On : 12 Mar 2019 4:20
 Operator : JU/SJ
 Sample : K1693-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Mar 12 09:34:58 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	41681	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	168747	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	116572	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	300527	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	330786	20.00	ng	-0.02
87) Perylene-d12	25.18	264	318260	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	336616	137.78	ng	0.00
7) Phenol-d6	7.30	99	437779	120.17	ng	-0.01
23) Nitrobenzene-d5	9.33	82	317558	101.78	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	214290	157.71	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	770844	94.15	ng	-0.01
79) Terphenyl-d14	20.12	244	1396019	92.92	ng	0.00

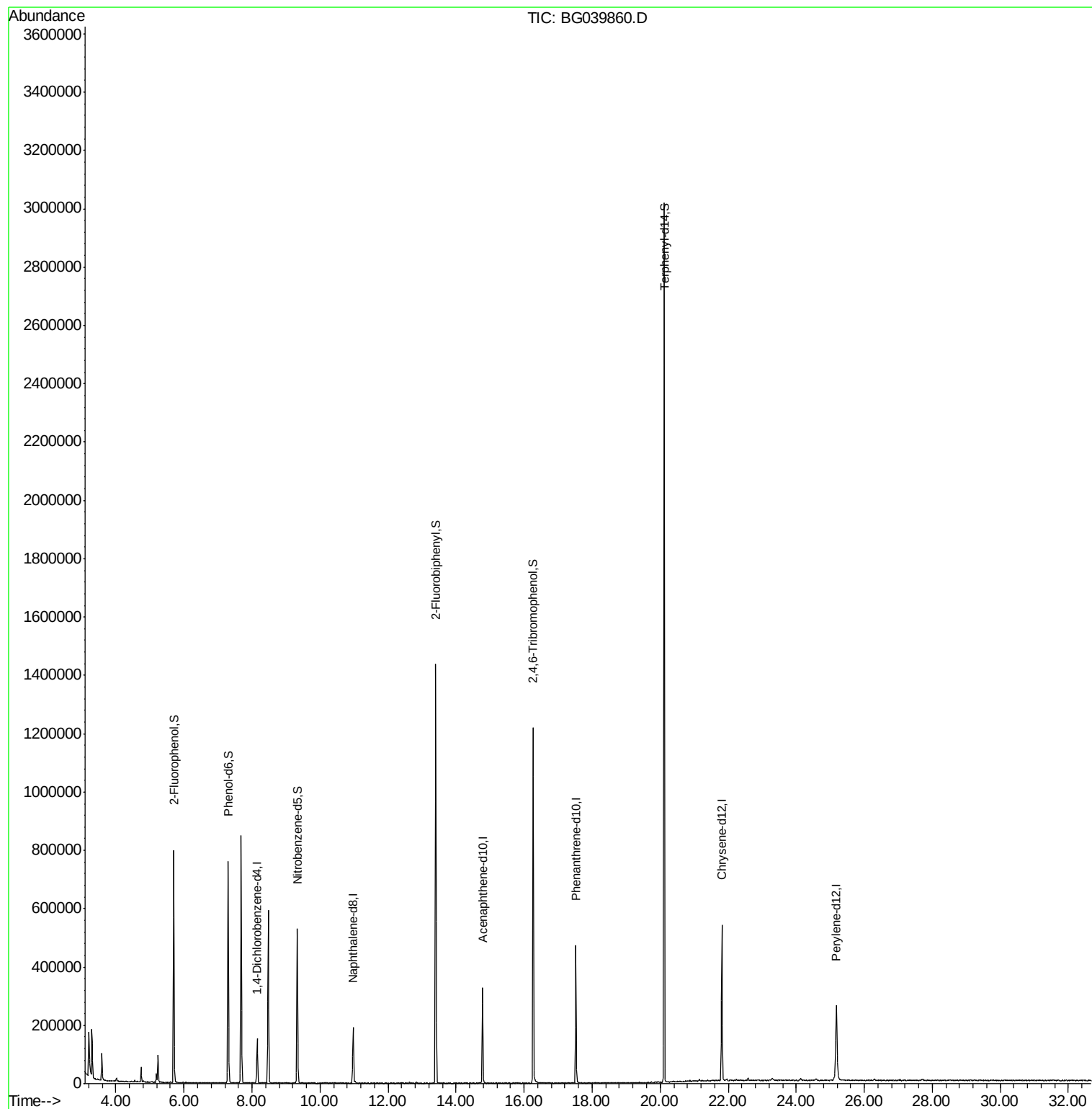
Target Compounds Qvalue

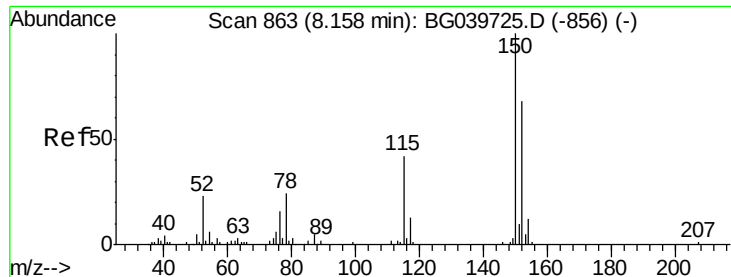
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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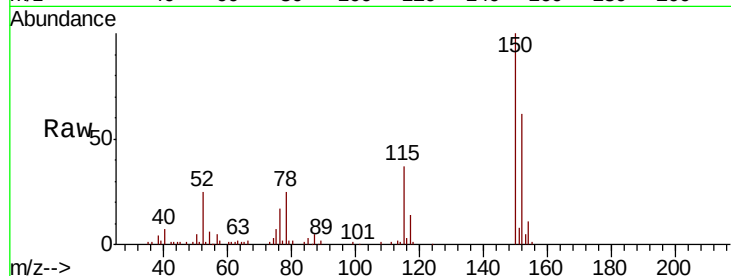


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039860.D
Acq: 12 Mar 2019 4:20

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	123.7	185.5
115	59.4	45.9	68.9

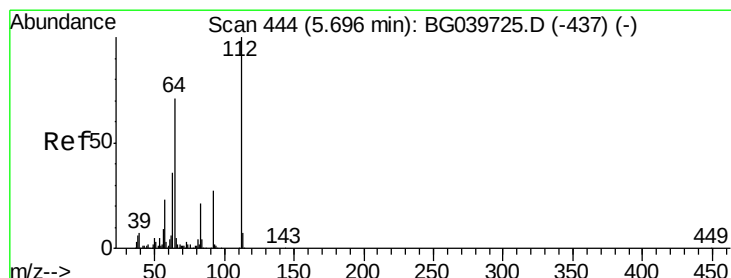
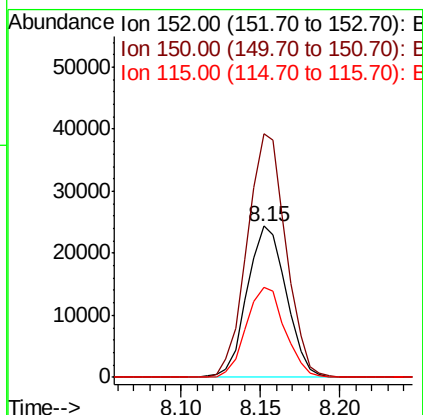
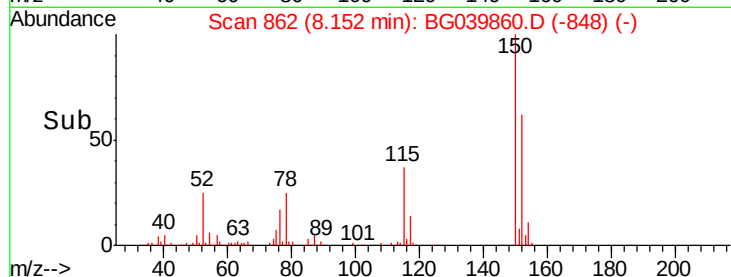


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

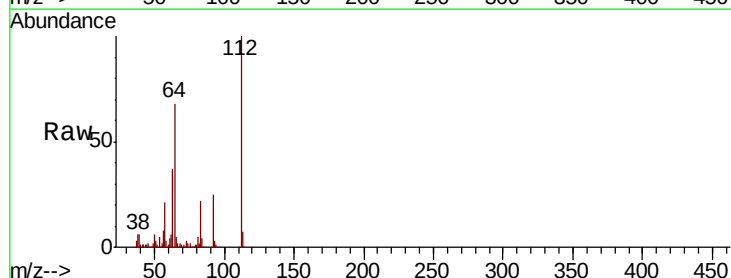
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.777 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039860.D
Acq: 12 Mar 2019 4:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	57.8	86.8
63	37.1	29.8	44.6

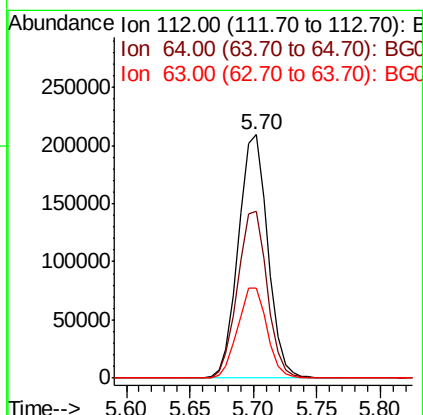
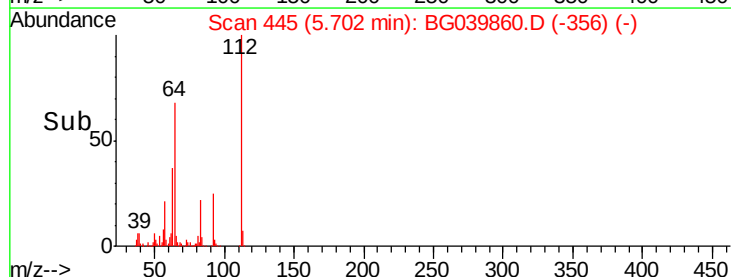


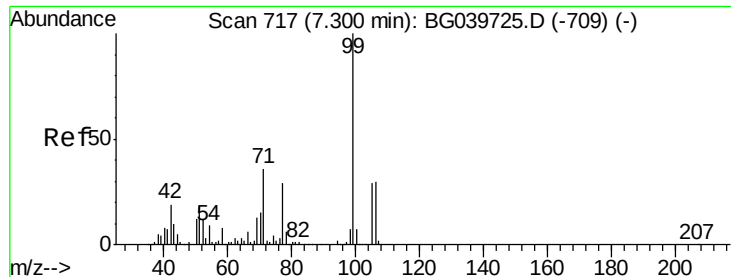
Abundance

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: 120.172 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039860.D

Acq: 12 Mar 2019 4:20

Instrument :

BNA_G

ClientSampleId :

OR-01-030719-B

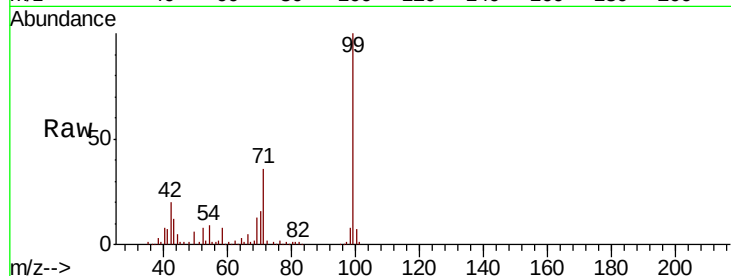
Tot Ion: 99 Resp: 437779

Ion Ratio Lower Upper

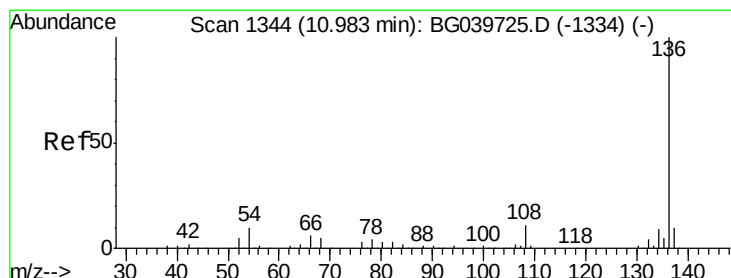
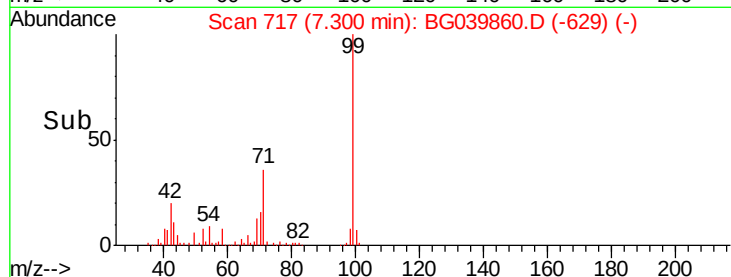
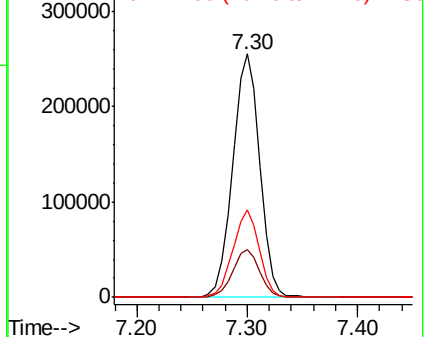
99 100

42 19.8 18.2 27.2

71 35.8 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: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG039860.D

Acq: 12 Mar 2019 4:20

Tgt Ion: 136 Resp: 168747

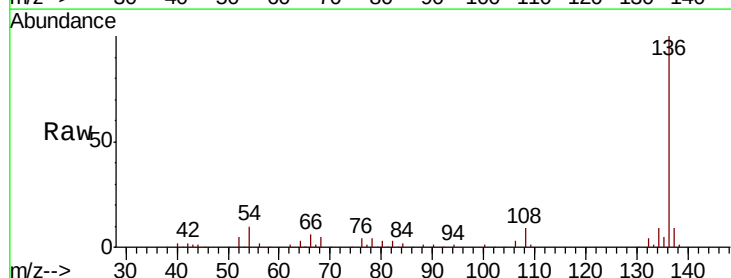
Ion Ratio Lower Upper

136 100

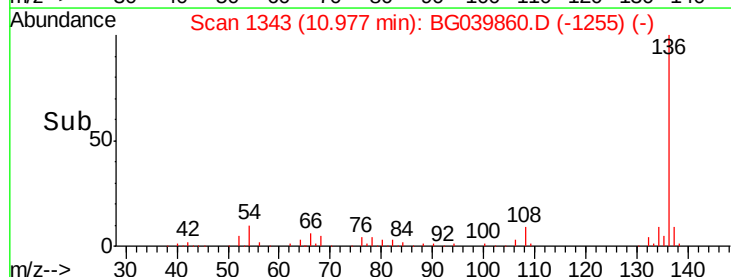
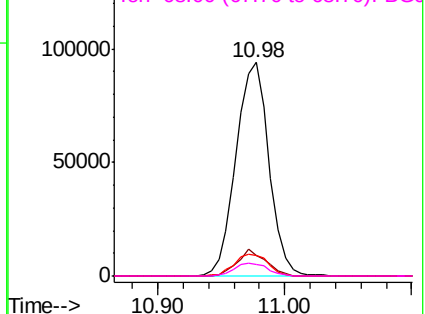
137 9.4 9.1 13.7

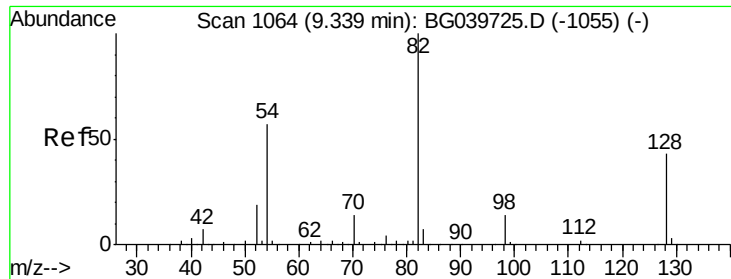
54 9.6 9.4 14.2

68 5.3 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

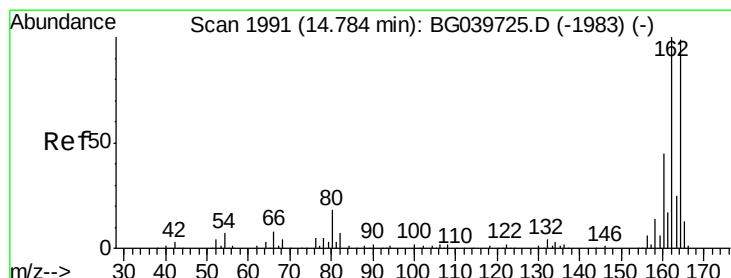
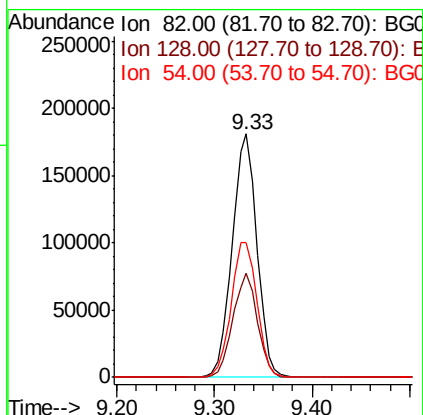
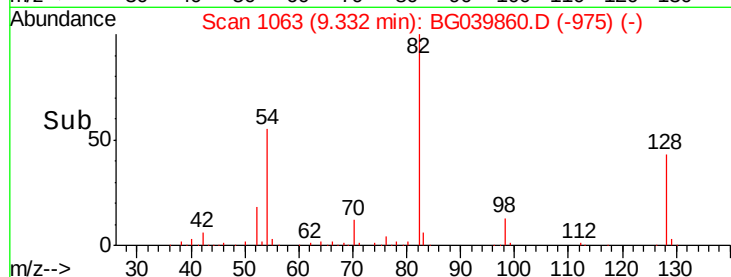
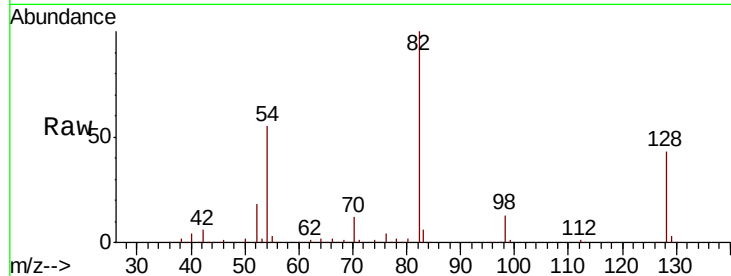




#23
Nitrobenzene-d5
Concen: 101.779 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039860.D
Acq: 12 Mar 2019 4:20

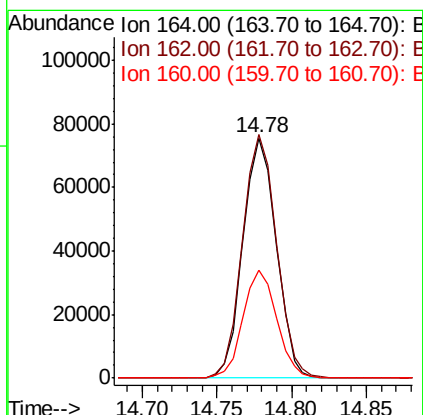
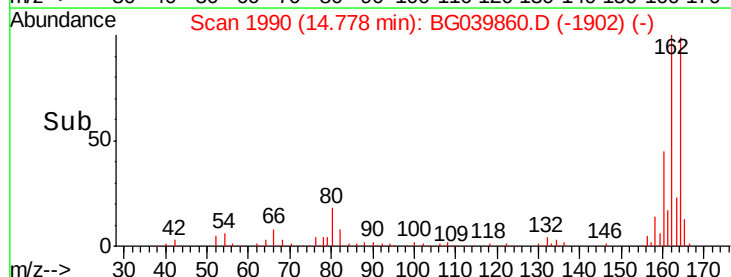
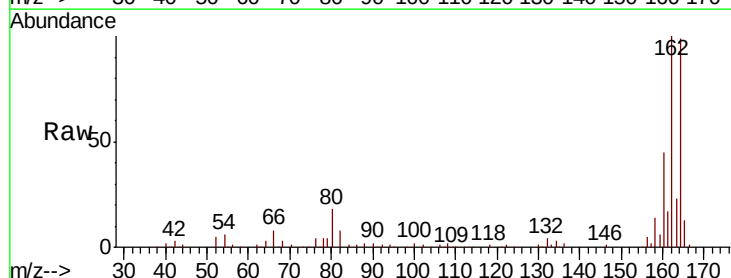
Instrument :
BNA_G
ClientSampleId :
OR-01-030719-B

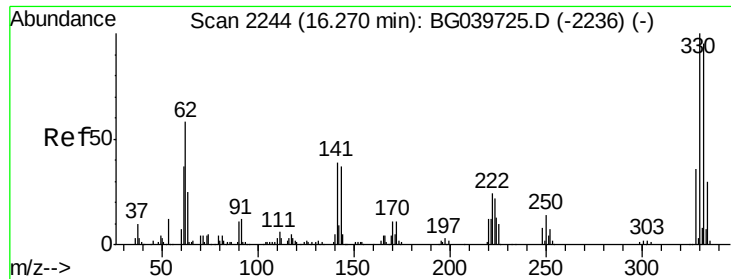
Tot Ion: 82 Resp: 317558
Ion Ratio Lower Upper
82 100
128 42.9 31.3 46.9
54 55.3 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039860.D
Acq: 12 Mar 2019 4:20

Tgt Ion:164 Resp: 116572
Ion Ratio Lower Upper
164 100
162 101.4 81.6 122.4
160 45.2 34.2 51.2

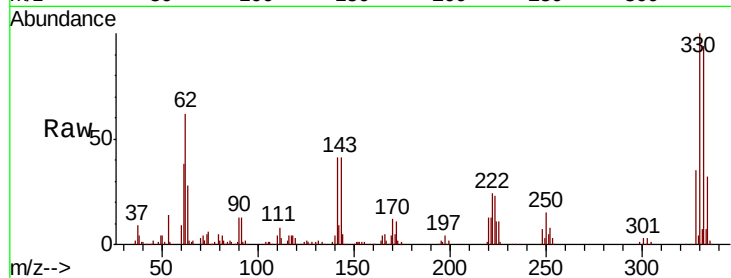




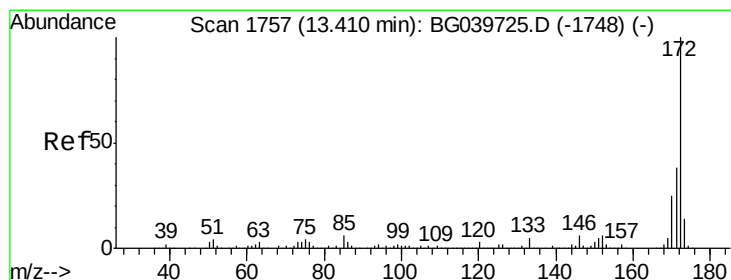
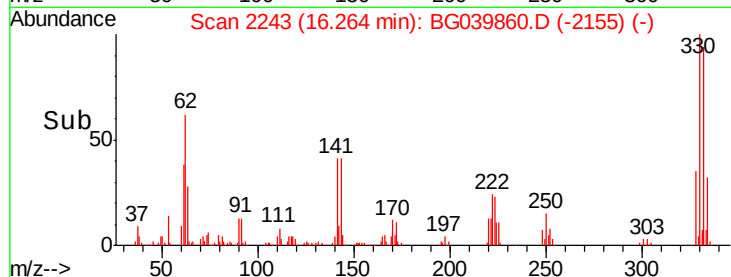
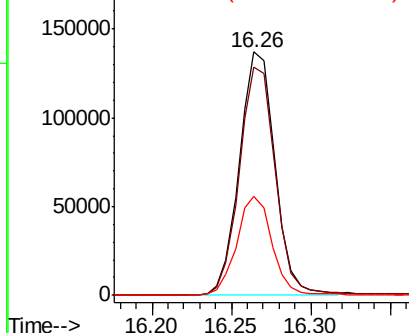
#42
 2,4,6-Tribromophenol
 Concen: 157.713 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039860.D
 Acq: 12 Mar 2019 4:20

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.7	113.5
141	41.1	35.6	53.4

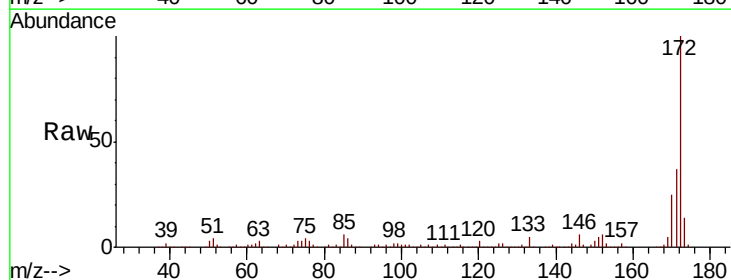


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

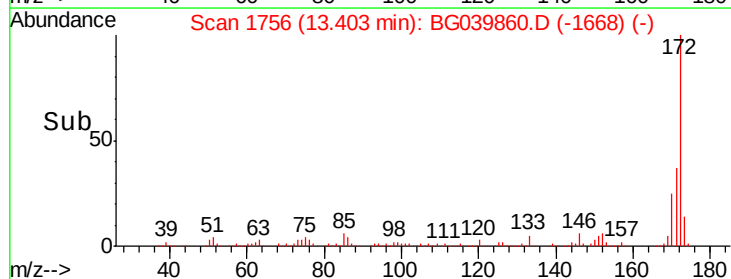
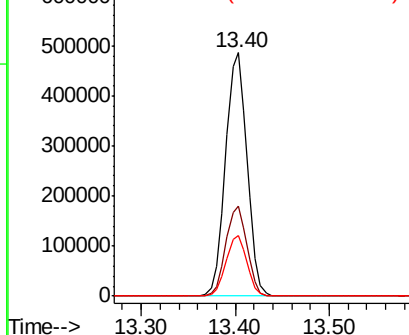


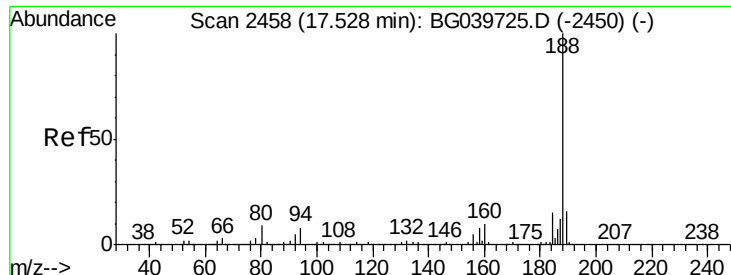
#45
 2-Fluorobiphenyl
 Concen: 94.152 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039860.D
 Acq: 12 Mar 2019 4:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	24.6	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

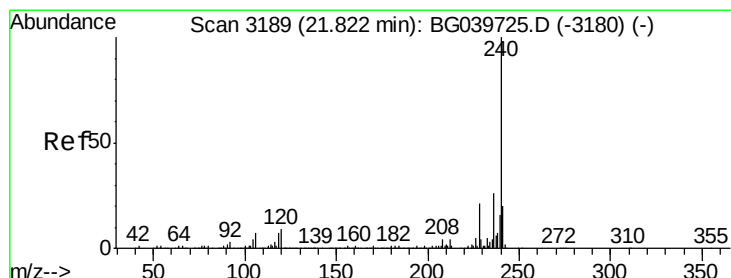
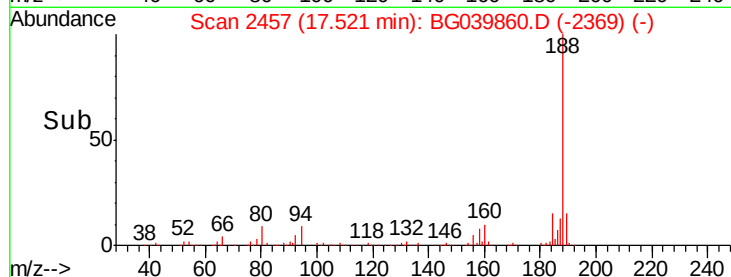
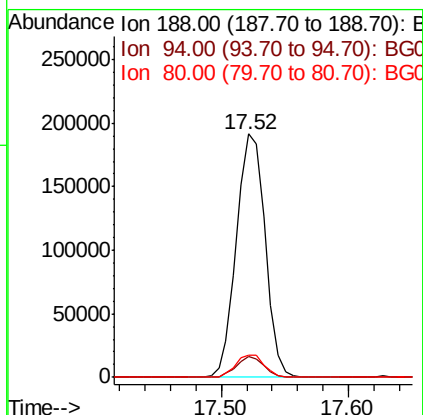
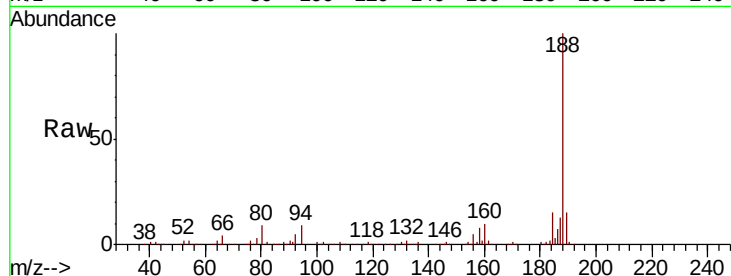




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039860.D
Acq: 12 Mar 2019 4:20

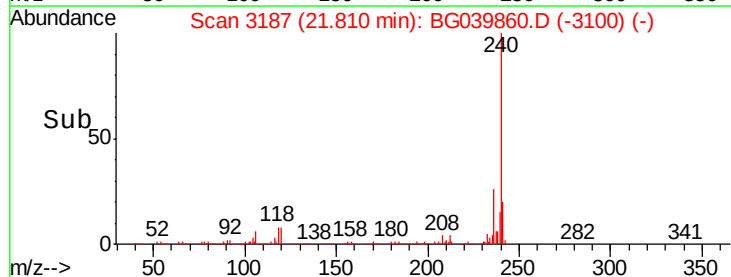
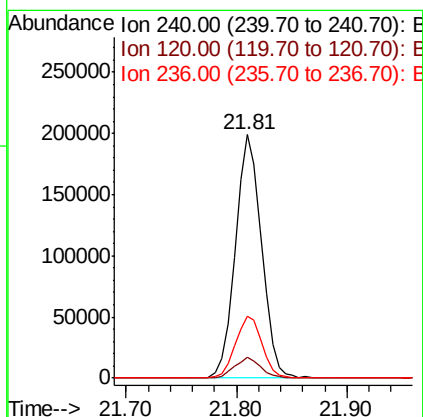
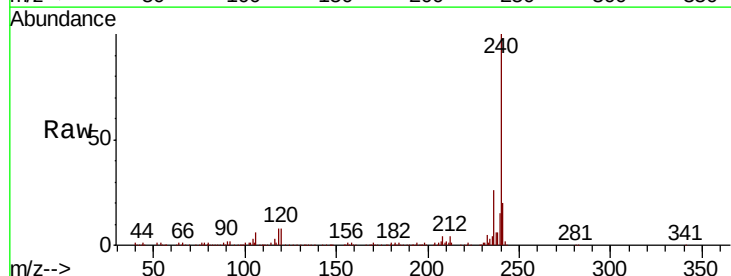
Instrument :
BNA_G
ClientSampleId :
OR-01-030719-B

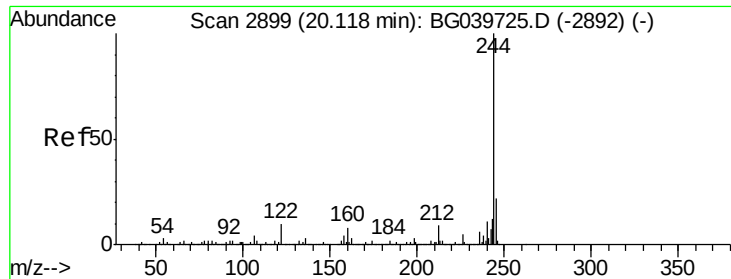
Tot Ion:188 Resp: 300527
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.2 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039860.D
Acq: 12 Mar 2019 4:20

Tgt Ion:240 Resp: 330786
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 25.6 21.0 31.4





#79

Terphenyl-d14

Concen: 92.923 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039860.D

Acq: 12 Mar 2019 4:20

Instrument :

BNA_G

ClientSampleId :

OR-01-030719-B

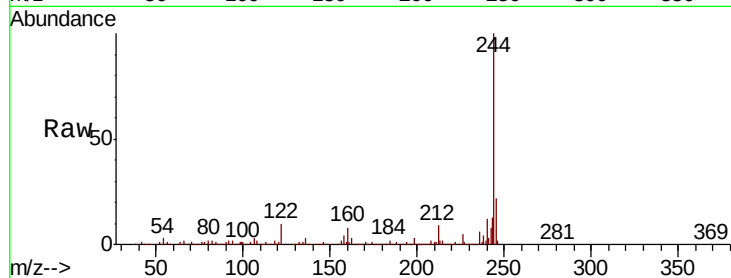
Tot Ion:244 Resp: 1396019

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

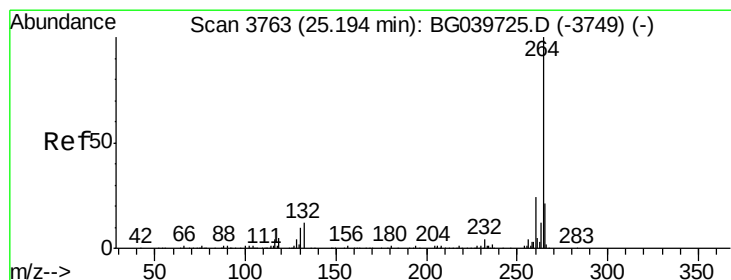
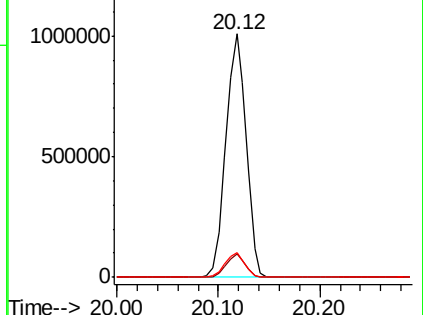
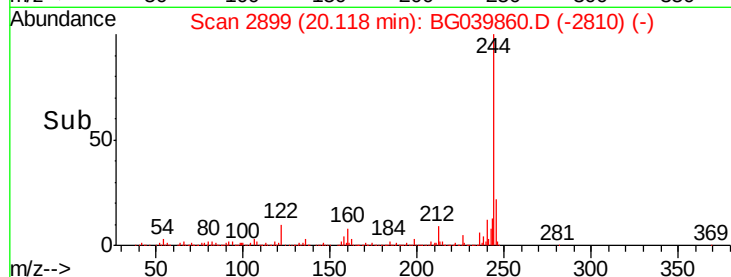
122 9.9 8.4 12.6



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: BG039860.D

Acq: 12 Mar 2019 4:20

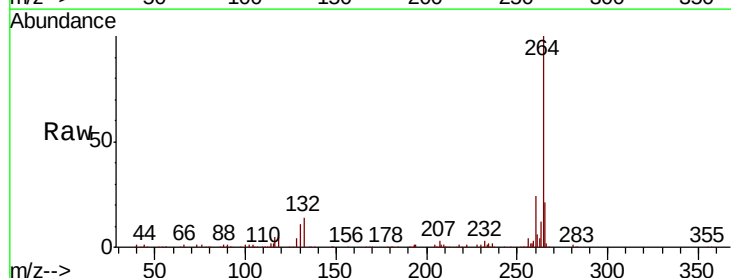
Tgt Ion:264 Resp: 318260

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

265 21.1 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

