

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039950.D
 Acq On : 15 Mar 2019 20:48
 Operator : JU/SJ
 Sample : K1909-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 97-98

Quant Time: Mar 16 04:48:38 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	44475	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	187795	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	128358	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	291003	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	301249	20.00	ng	-0.02
87) Perylene-d12	25.17	264	304302	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	94203	36.14	ng	-0.02
7) Phenol-d6	7.29	99	80453	20.70	ng	-0.02
23) Nitrobenzene-d5	9.33	82	325189	93.65	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	130495	87.22	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	814194	90.32	ng	-0.02
79) Terphenyl-d14	20.11	244	1050312	76.77	ng	-0.01

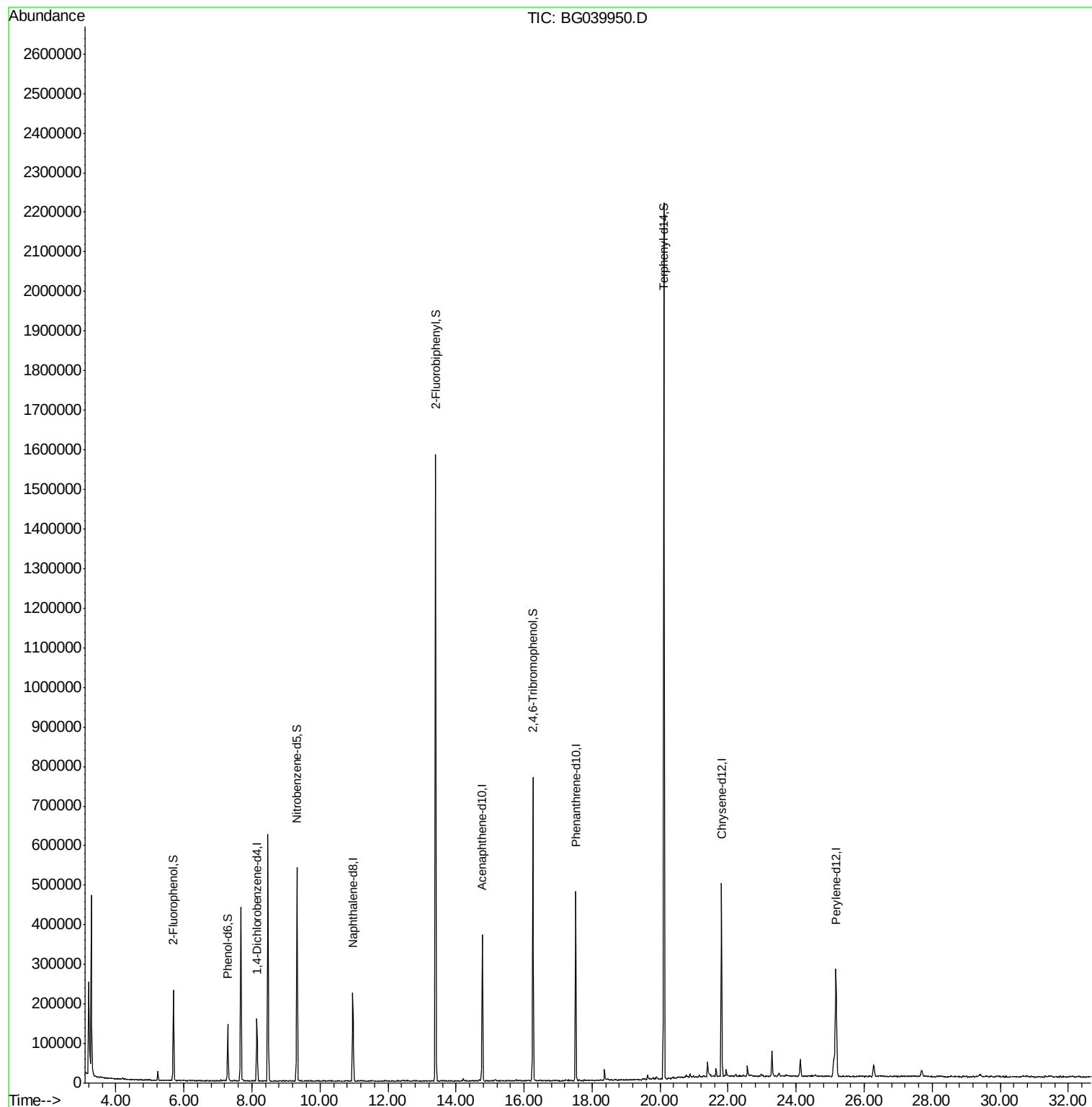
Target Compounds Qvalue

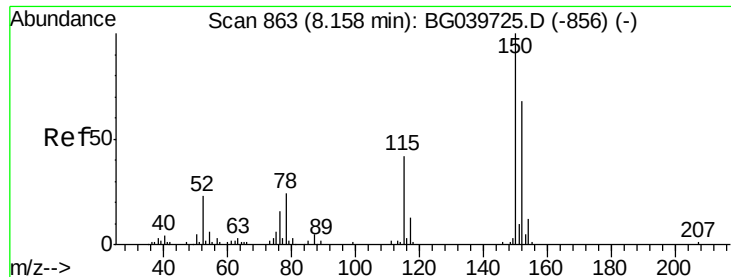
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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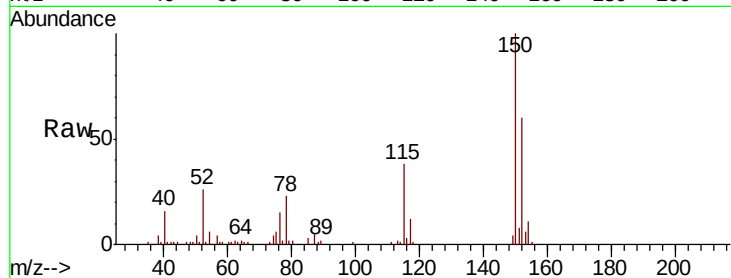


#1

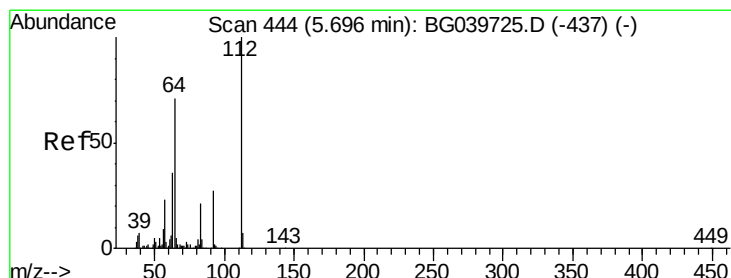
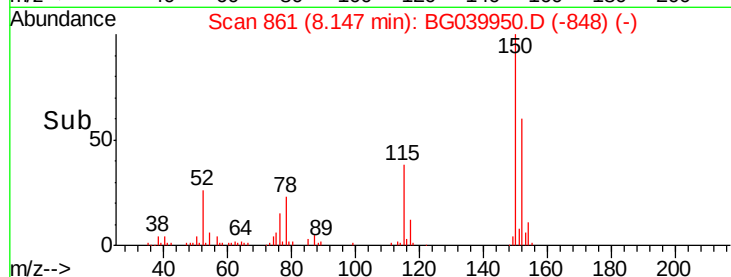
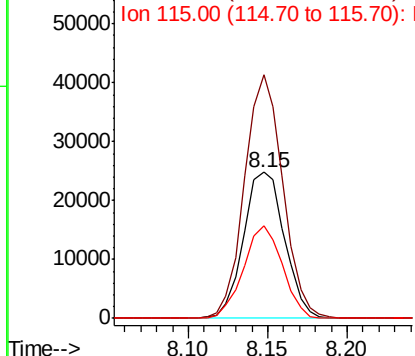
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039950.D
Acq: 15 Mar 2019 20:48

Instrument :
BNA_G
ClientSampled :
97-98

Tot Ion:152 Resp: 44475
Ion Ratio Lower Upper
152 100
150 166.4 123.7 185.5
115 63.7 45.9 68.9



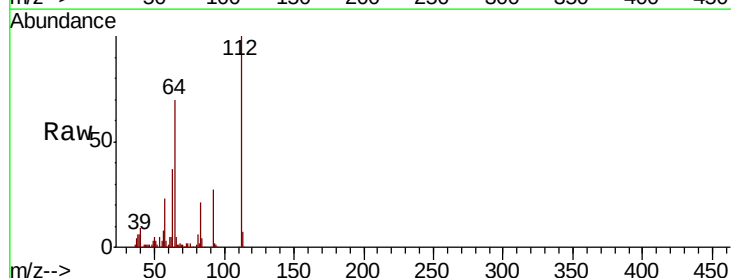
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



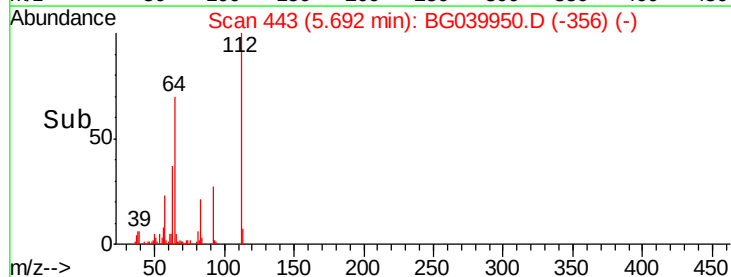
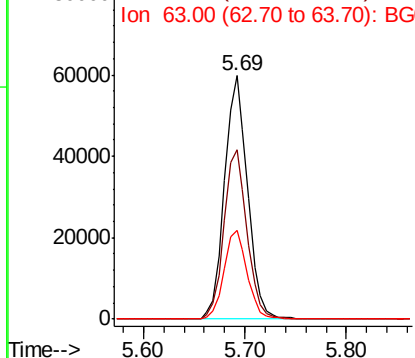
#5

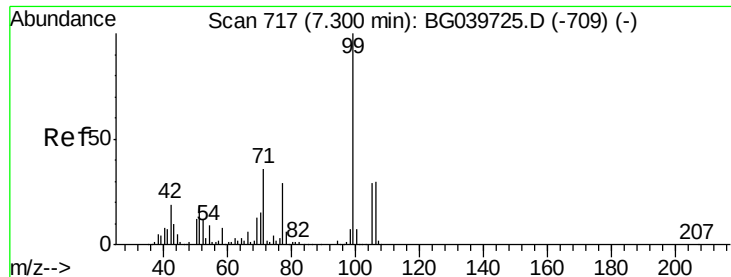
2-Fluorophenol
Concen: 36.135 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039950.D
Acq: 15 Mar 2019 20:48

Tgt Ion:112 Resp: 94203
Ion Ratio Lower Upper
112 100
64 69.5 57.8 86.8
63 36.6 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 20.697 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039950.D

Acq: 15 Mar 2019 20:48

Instrument :

BNA_G

ClientSampleId :

97-98

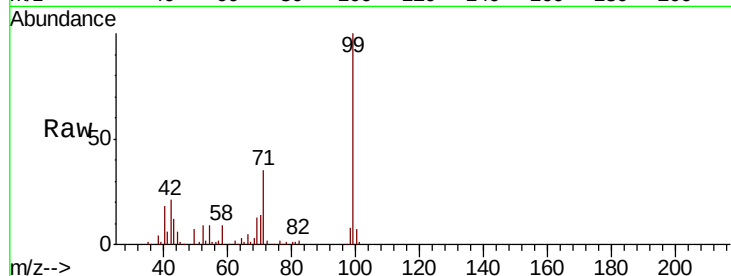
Tot Ion: 99 Resp: 80453

Ion Ratio Lower Upper

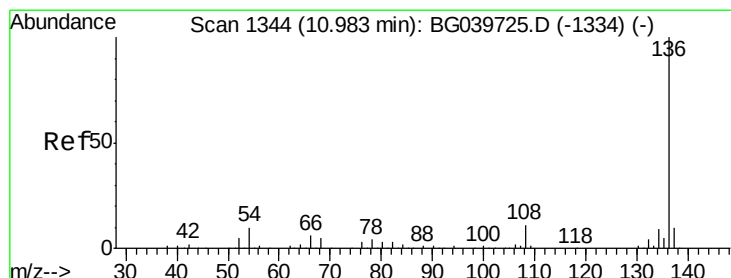
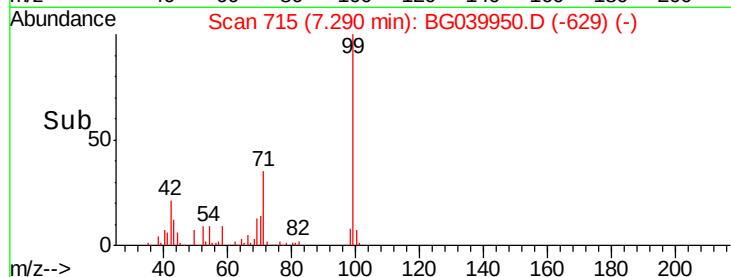
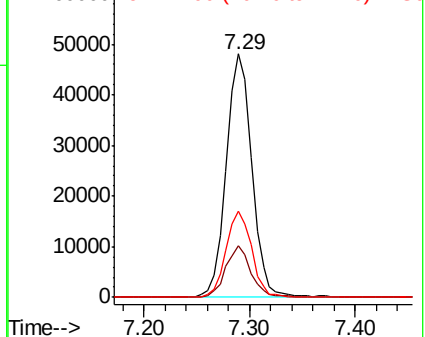
99 100

42 21.2 18.2 27.2

71 35.4 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# 1341

Delta R.T. -0.02 min

Lab File: BG039950.D

Acq: 15 Mar 2019 20:48

Tgt Ion: 136 Resp: 187795

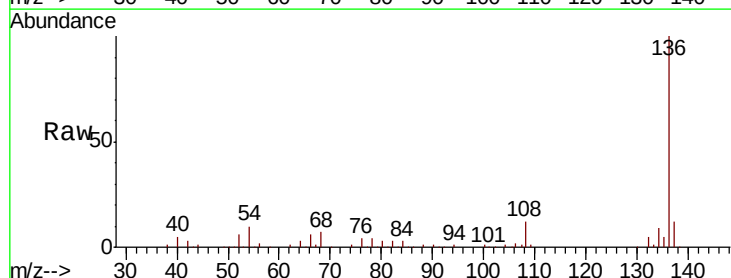
Ion Ratio Lower Upper

136 100

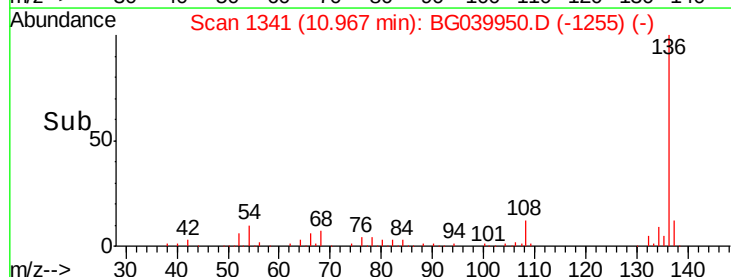
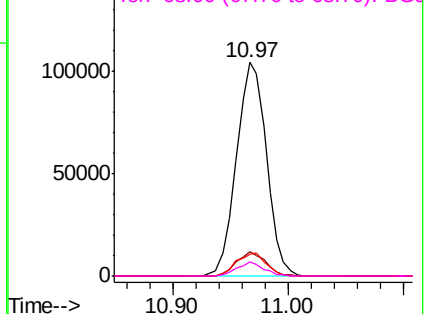
137 11.5 9.1 13.7

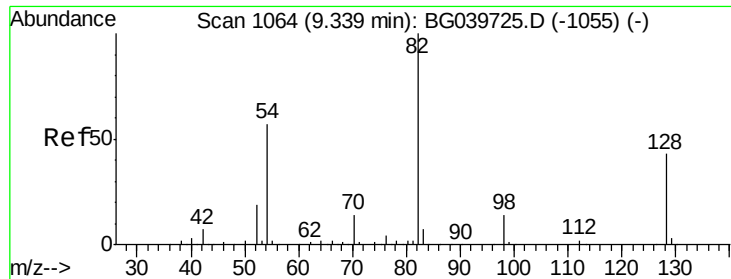
54 10.3 9.4 14.2

68 6.7 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

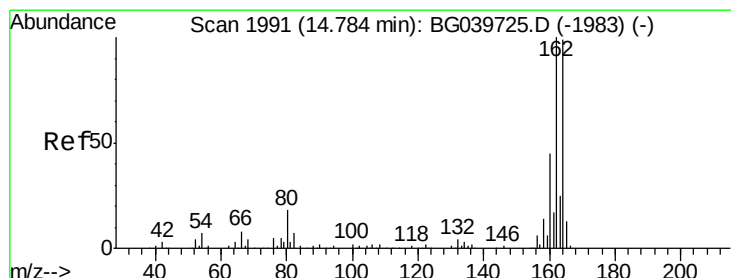
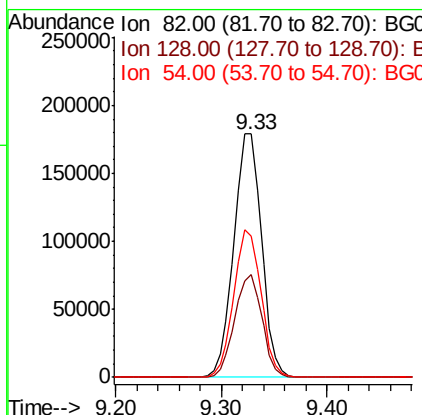
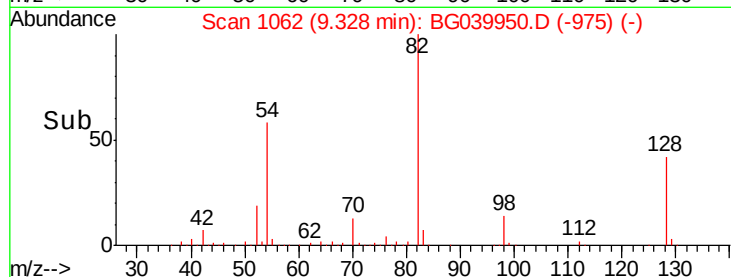
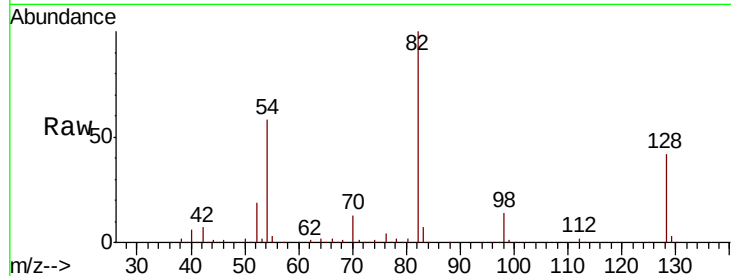




#23
Nitrobenzene-d5
Concen: 93.653 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039950.D
Acq: 15 Mar 2019 20:48

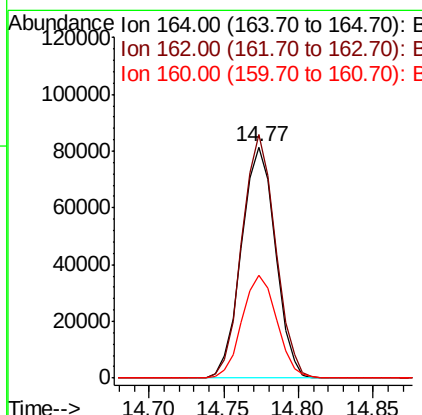
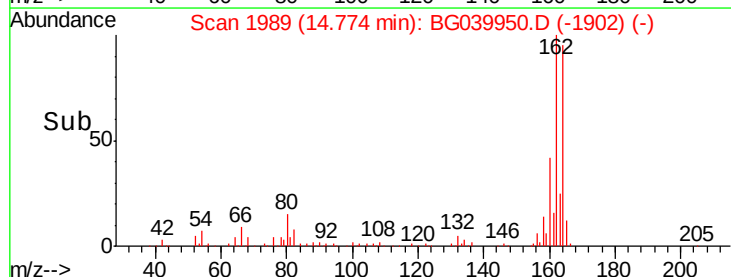
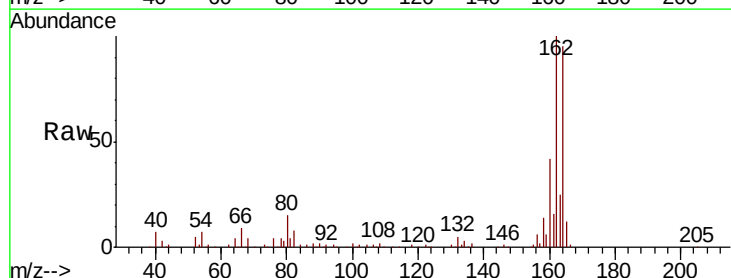
Instrument :
BNA_G
ClientSampled :
97-98

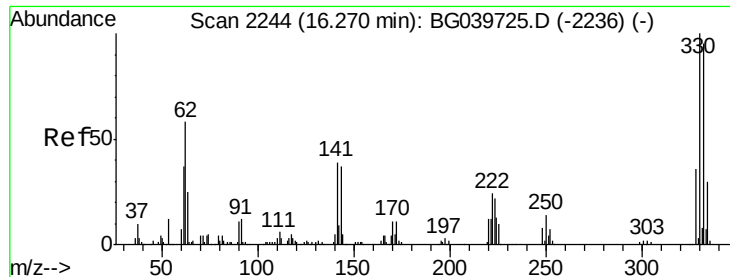
Tot Ion: 82 Resp: 325189
Ion Ratio Lower Upper
82 100
128 42.1 31.3 46.9
54 57.9 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039950.D
Acq: 15 Mar 2019 20:48

Tgt Ion:164 Resp: 128358
Ion Ratio Lower Upper
164 100
162 105.3 81.6 122.4
160 44.4 34.2 51.2

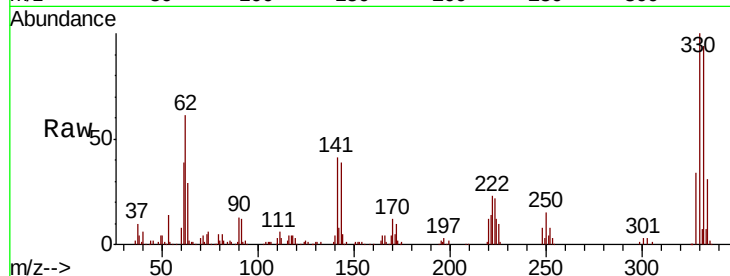




#42
 2,4,6-Tribromophenol
 Concen: 87.223 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039950.D
 Acq: 15 Mar 2019 20:48

Instrument :
 BNA_G
 ClientSampled :
 97-98

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.7	113.5
141	43.2	35.6	53.4

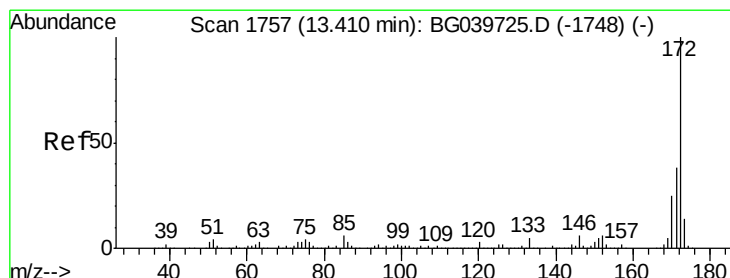
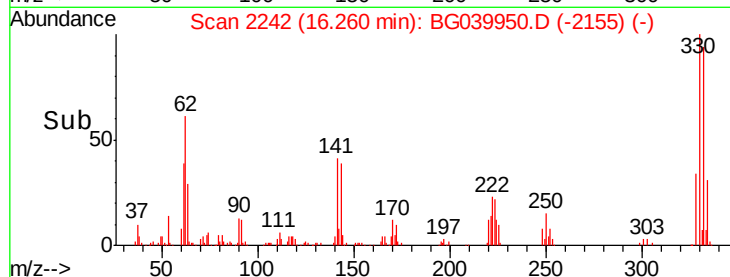
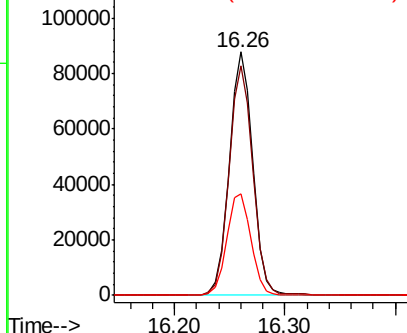


Abundance

Ion 329.80 (329.50 to 330.50): E

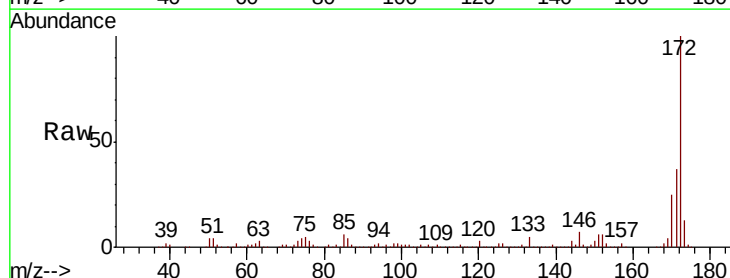
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.316 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039950.D
 Acq: 15 Mar 2019 20:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	25.4	20.2	30.4

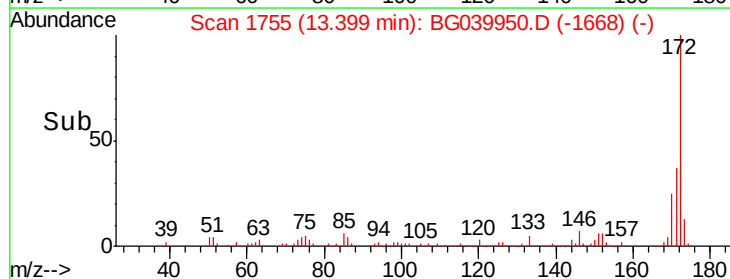
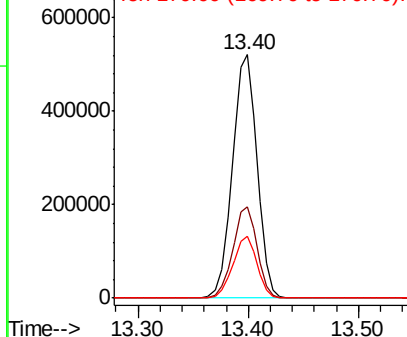


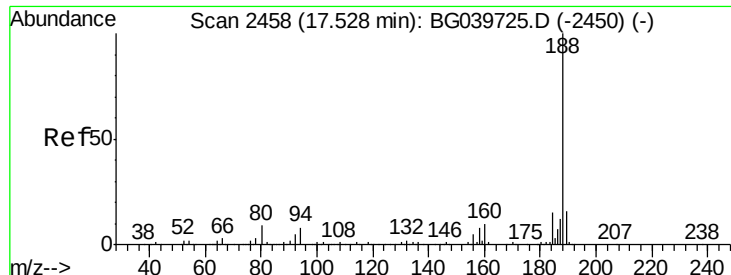
Abundance

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

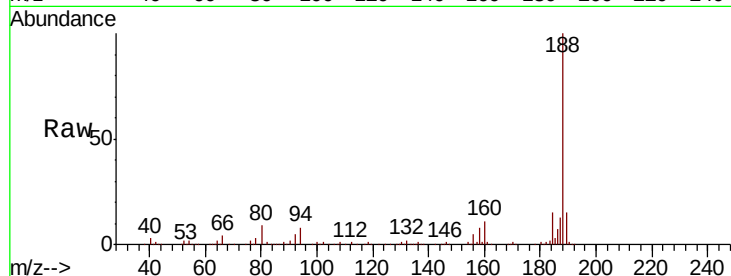




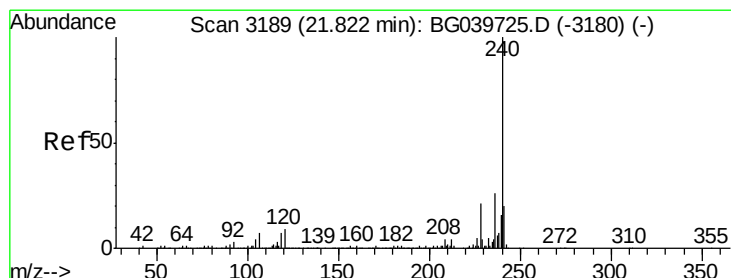
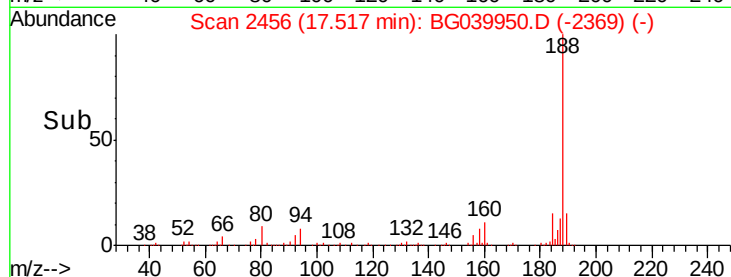
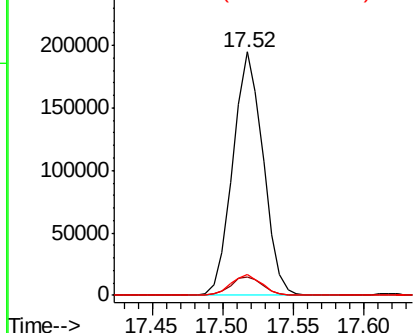
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039950.D
Acq: 15 Mar 2019 20:48

Instrument :
BNA_G
ClientSampled :
97-98

Tot Ion:188 Resp: 291003
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 8.8 8.1 12.1

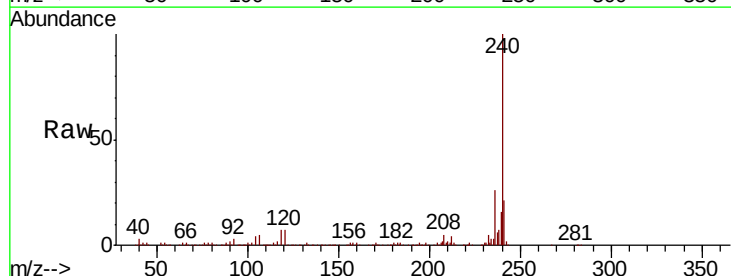


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

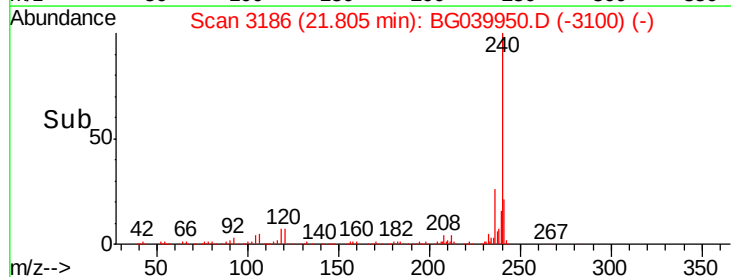
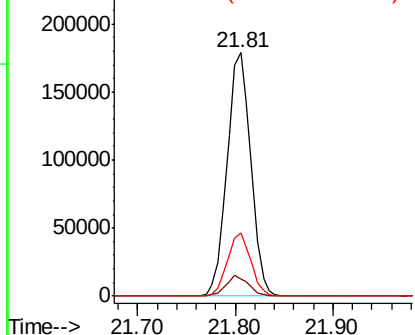


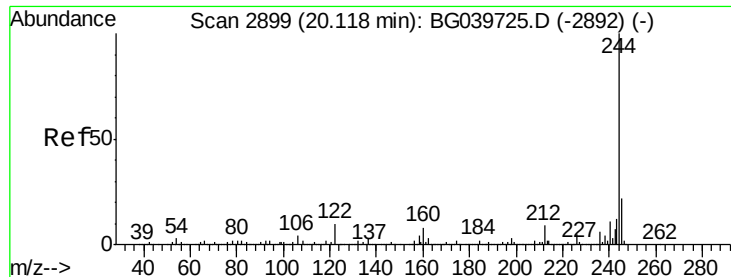
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039950.D
Acq: 15 Mar 2019 20:48

Tgt Ion:240 Resp: 301249
Ion Ratio Lower Upper
240 100
120 7.0 7.0 10.6#
236 26.0 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: 76.766 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039950.D

Acq: 15 Mar 2019 20:48

Instrument :

BNA_G

ClientSampled :

97-98

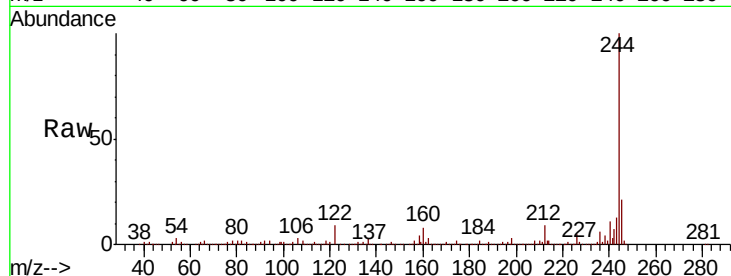
Tot Ion:244 Resp: 1050312

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

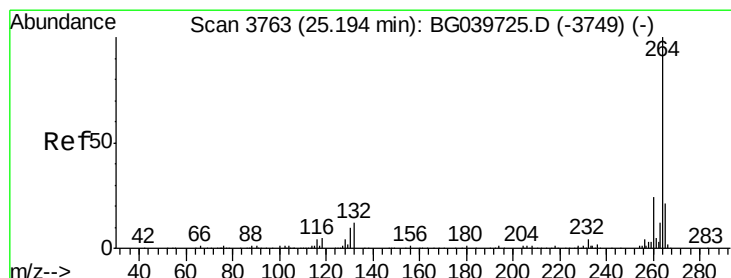
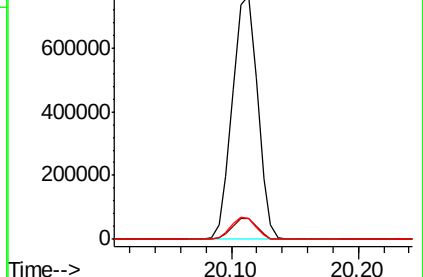
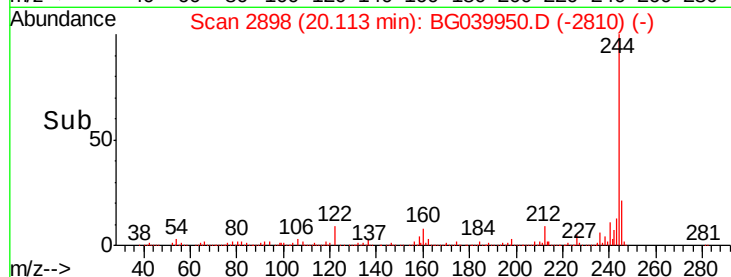
122 8.7 8.4 12.6



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: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039950.D

Acq: 15 Mar 2019 20:48

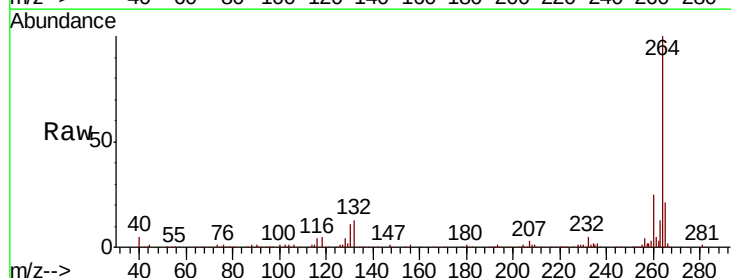
Tgt Ion:264 Resp: 304302

Ion Ratio Lower Upper

264 100

260 25.0 18.2 27.4

265 21.3 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

