

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
 Data File : BG039920.D
 Acq On : 14 Mar 2019 2:41
 Operator : JU/SJ
 Sample : K1873-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 371

Quant Time: Mar 14 04:51:21 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	39909	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	156352	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	104340	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	261404	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	289791	20.00	ng	-0.03
87) Perylene-d12	25.17	264	287220	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	280222	119.79	ng	-0.02
7) Phenol-d6	7.30	99	361684	103.69	ng	-0.02
23) Nitrobenzene-d5	9.32	82	269576	93.25	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	164974	135.65	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	650878	88.82	ng	-0.02
79) Terphenyl-d14	20.11	244	1129780	85.84	ng	-0.02

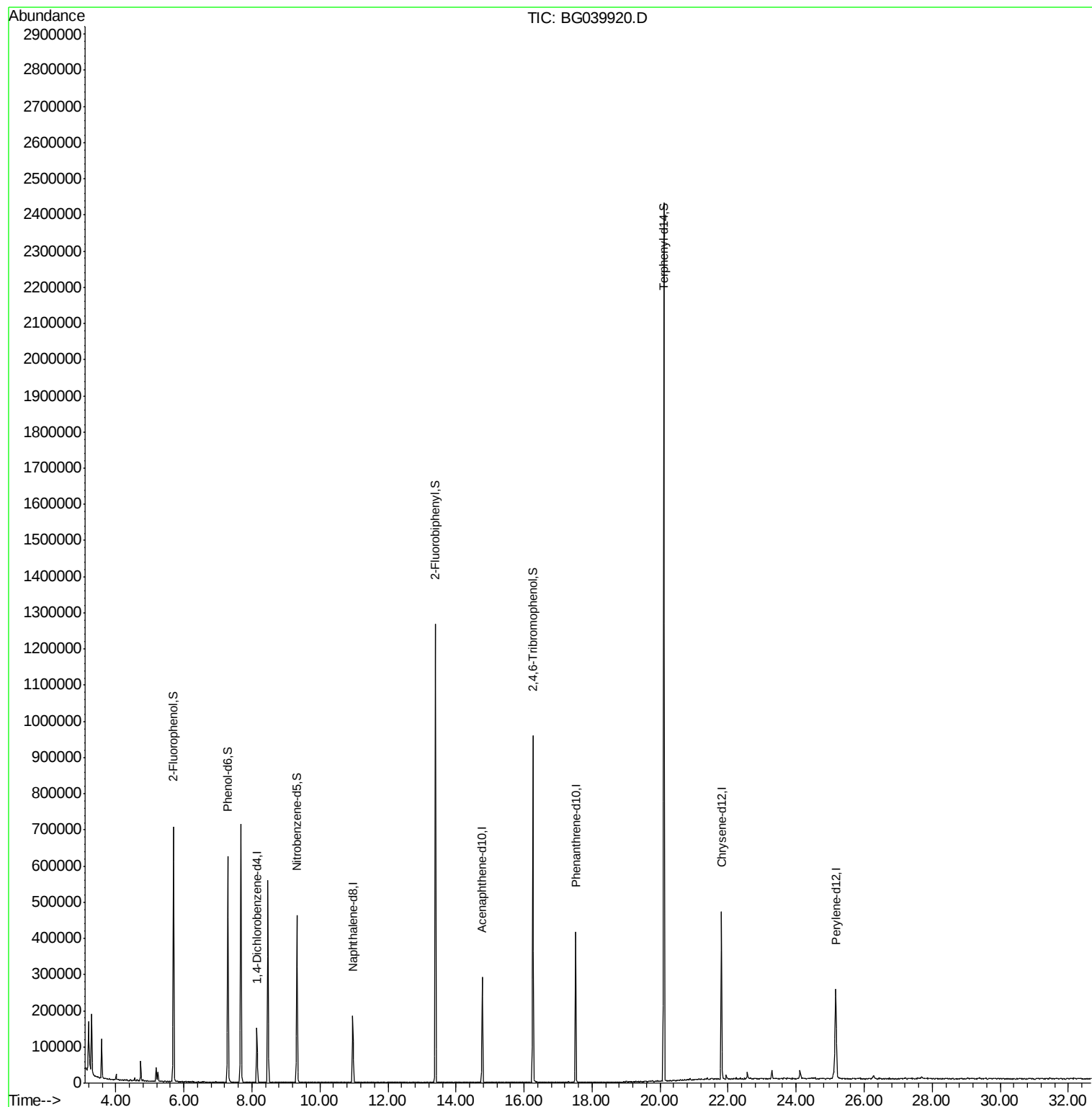
Target Compounds Qvalue

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

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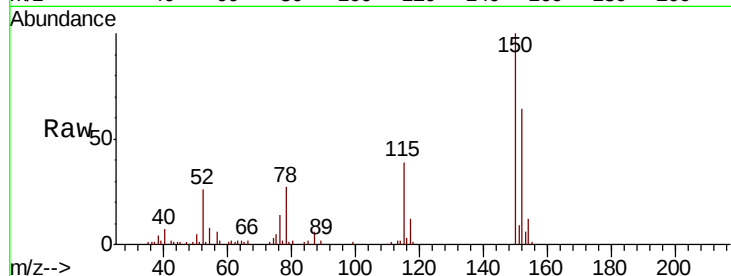


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039920.D
Acq: 14 Mar 2019 2:41

Instrument :
BNA_G
ClientSampled :
371

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.7	185.5
115	61.2	45.9	68.9

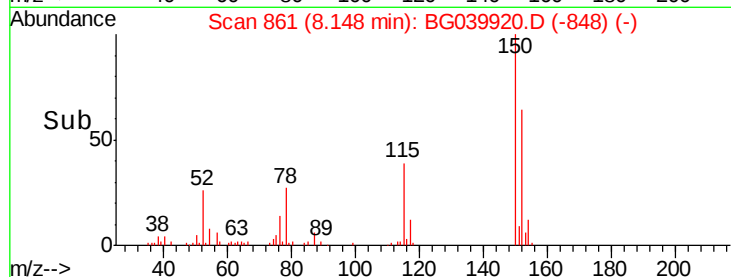
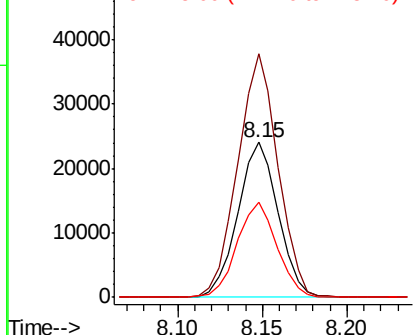


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

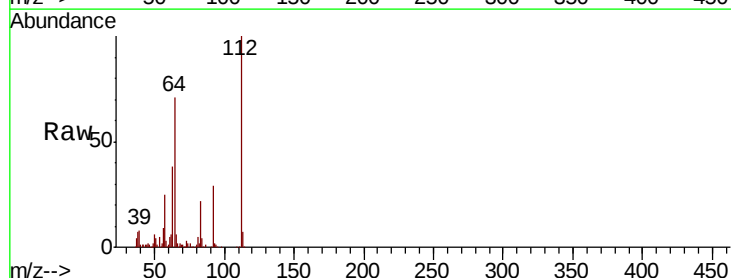
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.788 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039920.D
Acq: 14 Mar 2019 2:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	57.8	86.8
63	38.4	29.8	44.6

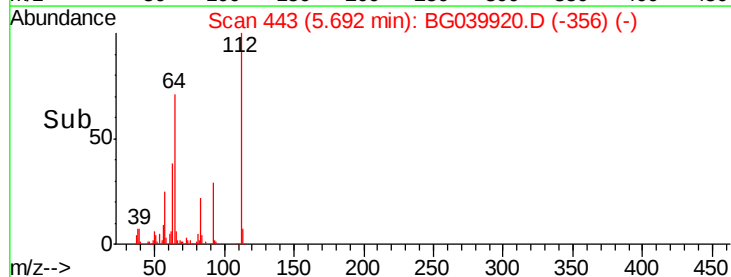
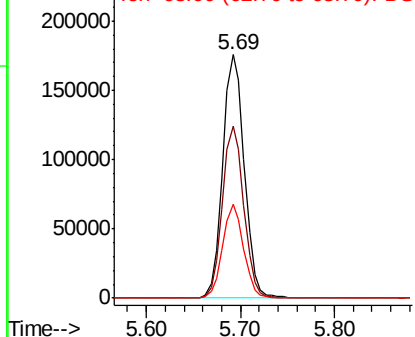


Abundance

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: 103.692 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039920.D

Acq: 14 Mar 2019 2:41

Instrument :

BNA_G

ClientSampled :
371

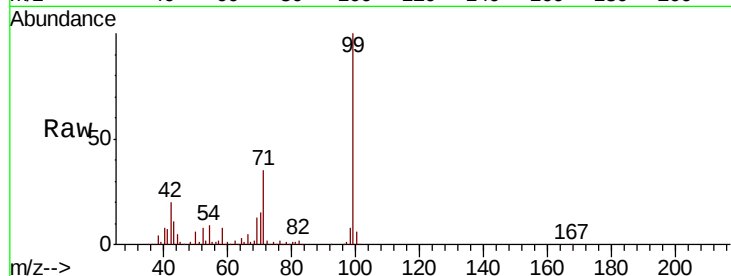
Tot Ion: 99 Resp: 361684

Ion Ratio Lower Upper

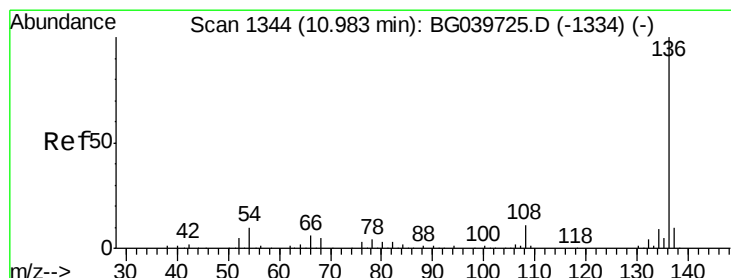
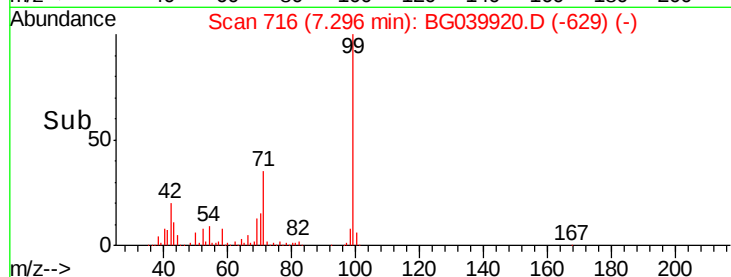
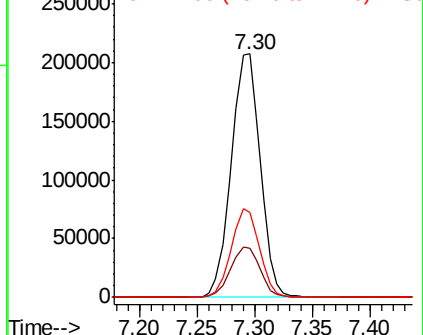
99 100

42 20.4 18.2 27.2

71 34.9 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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG039920.D

Acq: 14 Mar 2019 2:41

Tgt Ion: 136 Resp: 156352

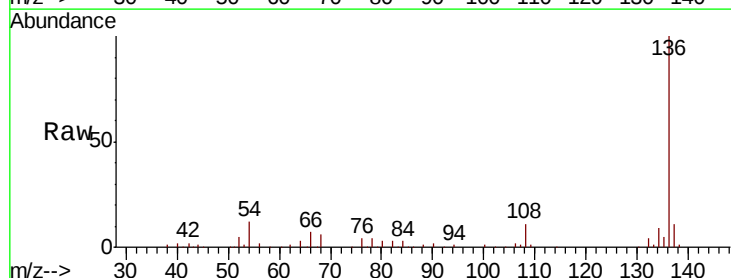
Ion Ratio Lower Upper

136 100

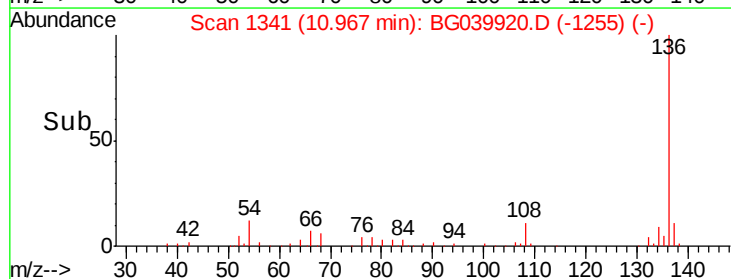
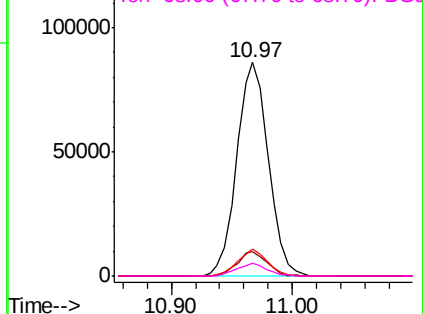
137 11.2 9.1 13.7

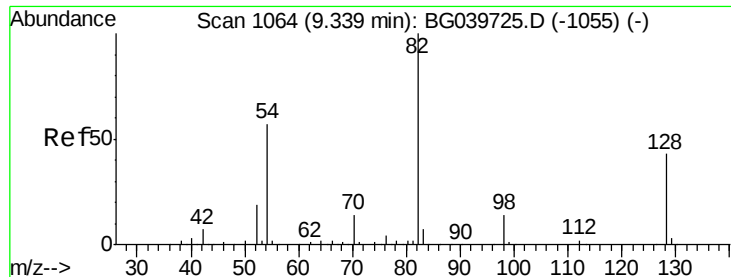
54 12.3 9.4 14.2

68 5.8 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

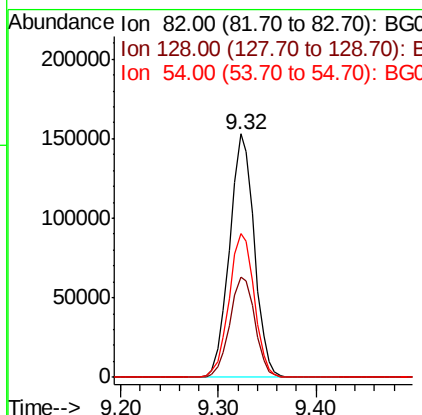
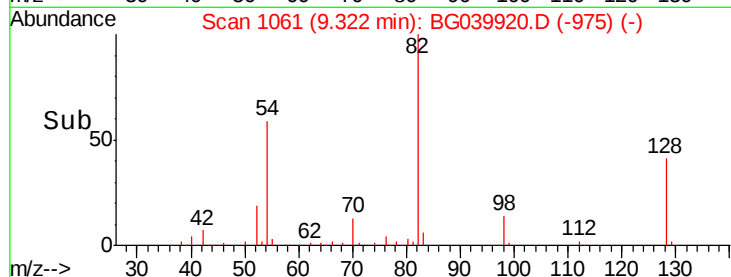
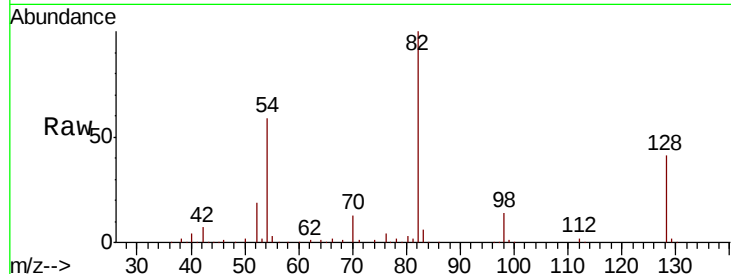




#23
Nitrobenzene-d5
Concen: 93.250 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039920.D
Acq: 14 Mar 2019 2:41

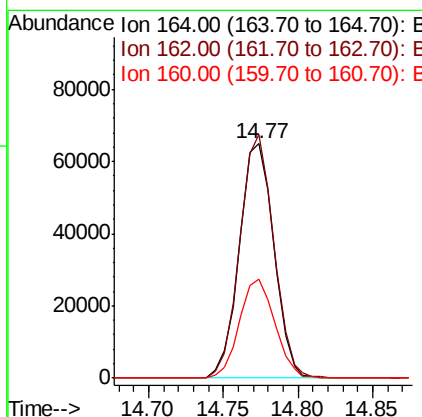
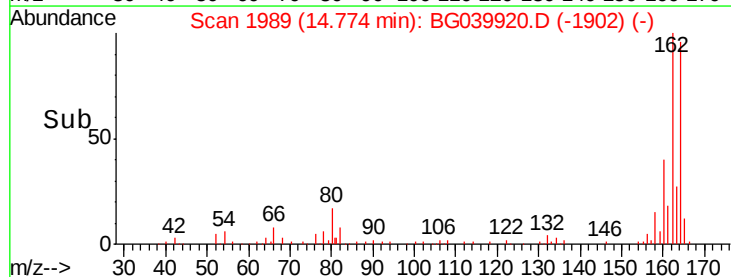
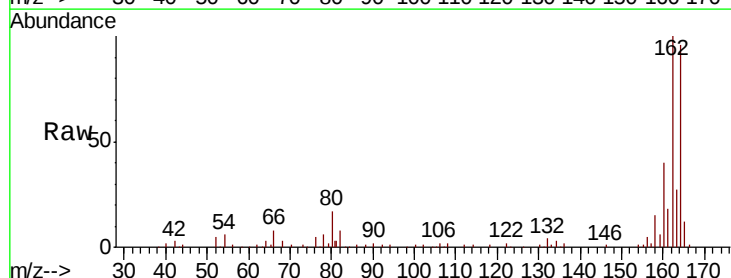
Instrument :
BNA_G
ClientSampleId :
371

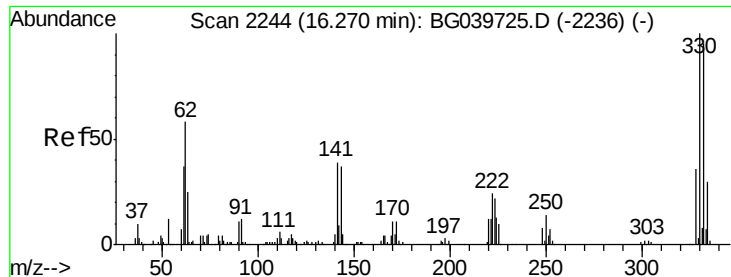
Tot Ion	82.00	Resp	269576
Ion Ratio	100	Lower	Upper
128	41.1	31.3	46.9
54	59.1	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039920.D
Acq: 14 Mar 2019 2:41

Tgt Ion	164	Resp	104340
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.9	81.6	122.4
160	42.0	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 135.652 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039920.D

Acq: 14 Mar 2019 2:41

Instrument :

BNA_G

ClientSampled :

371

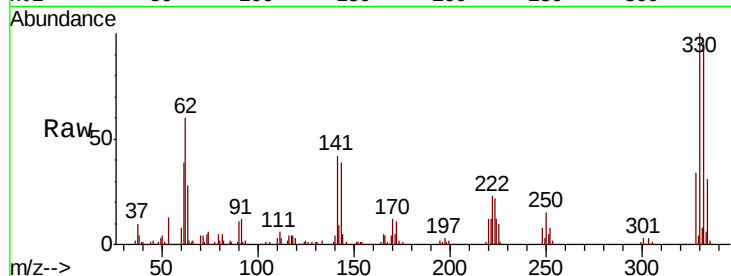
Tot Ion:330 Resp: 164974

Ion Ratio Lower Upper

330 100

332 95.7 75.7 113.5

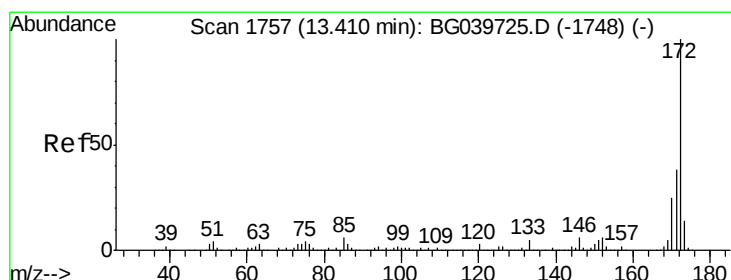
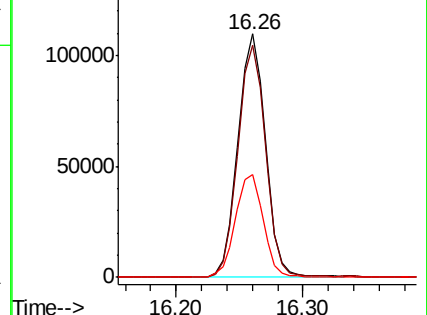
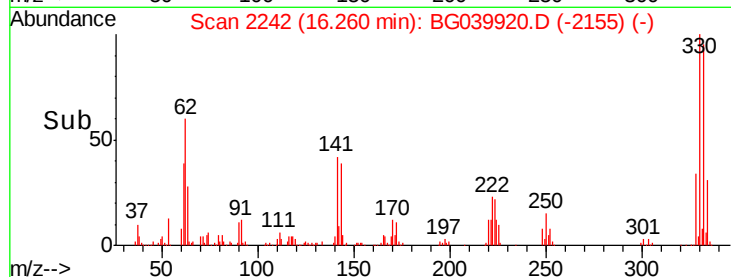
141 42.7 35.6 53.4



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: 88.819 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG039920.D

Acq: 14 Mar 2019 2:41

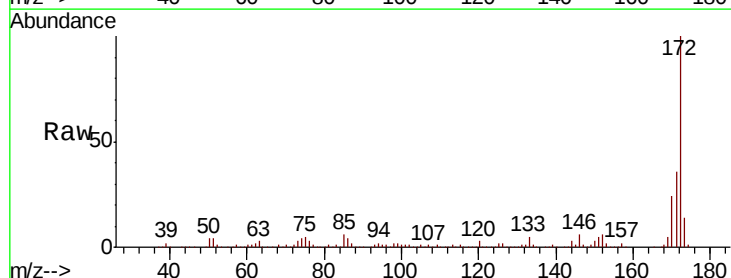
Tgt Ion:172 Resp: 650878

Ion Ratio Lower Upper

172 100

171 36.4 30.8 46.2

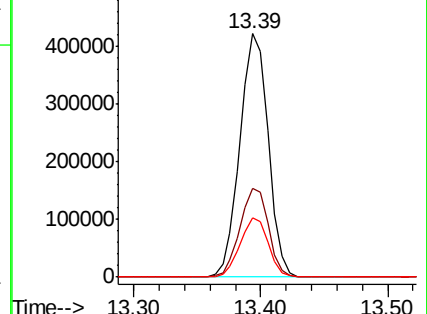
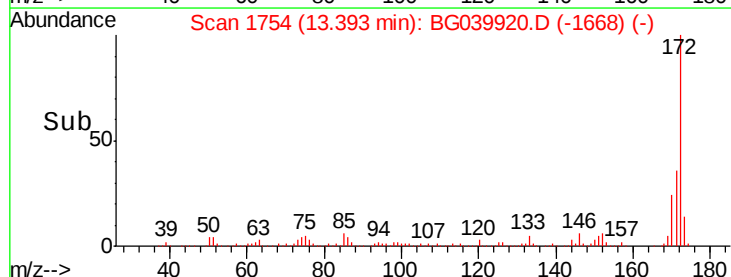
170 24.3 20.2 30.4



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

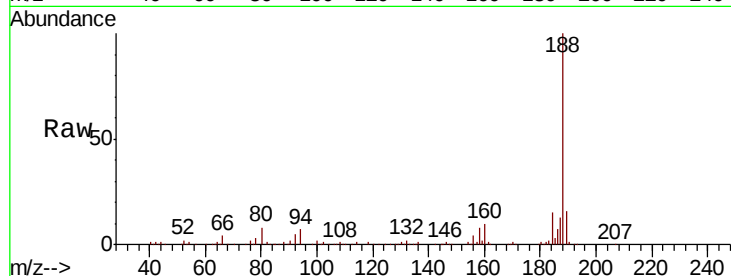




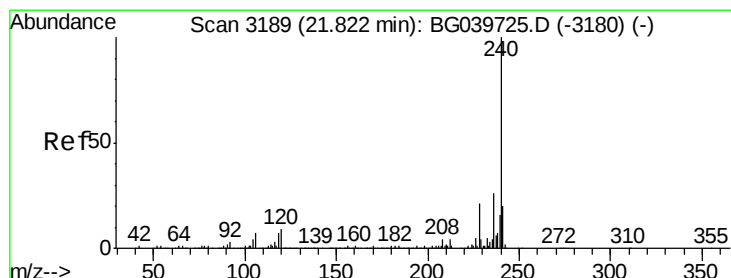
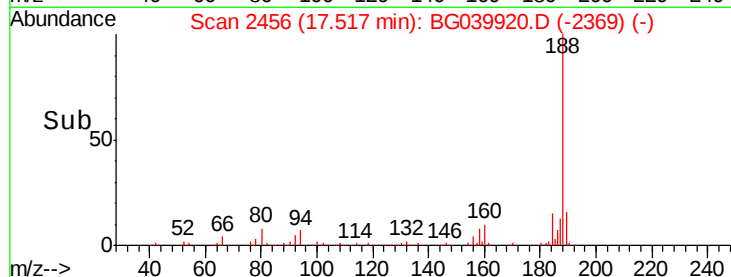
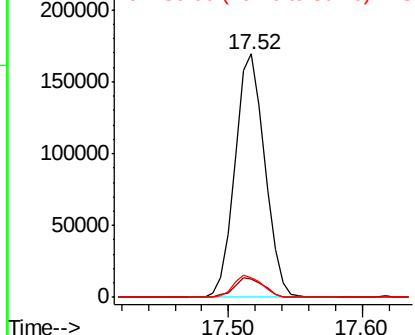
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039920.D
Acq: 14 Mar 2019 2:41

Instrument :
BNA_G
ClientSampleId :
371

Tot Ion:188 Resp: 261404
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 8.2 8.1 12.1

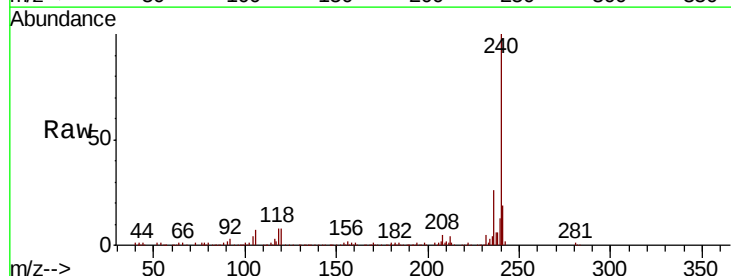


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

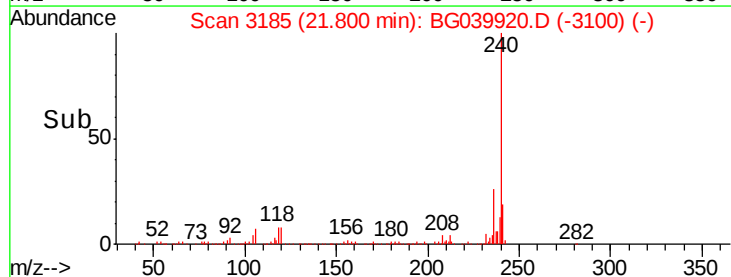
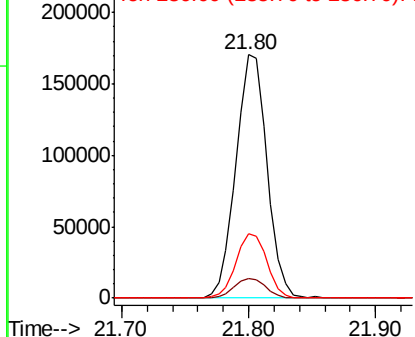


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG039920.D
Acq: 14 Mar 2019 2:41

Tgt Ion:240 Resp: 289791
Ion Ratio Lower Upper
240 100
120 8.2 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: 85.840 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039920.D

Acq: 14 Mar 2019 2:41

Instrument :

BNA_G

ClientSampled :

371

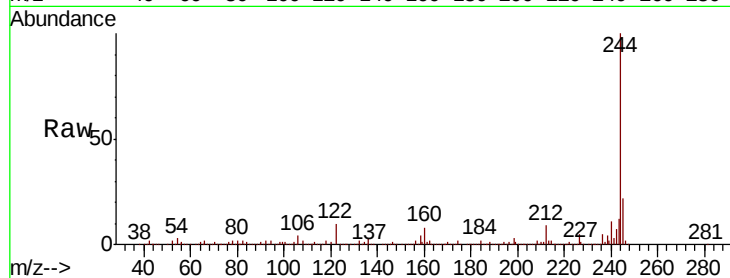
Tot Ion:244 Resp: 1129780

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

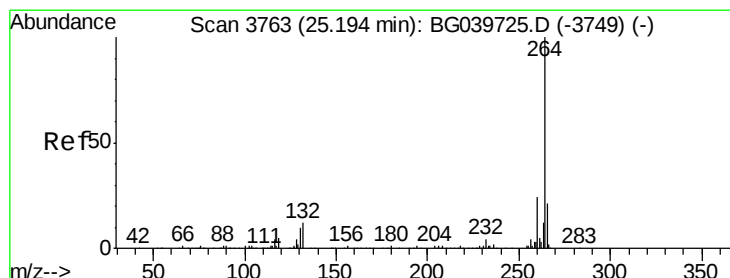
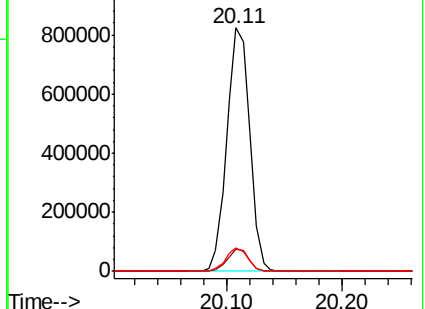
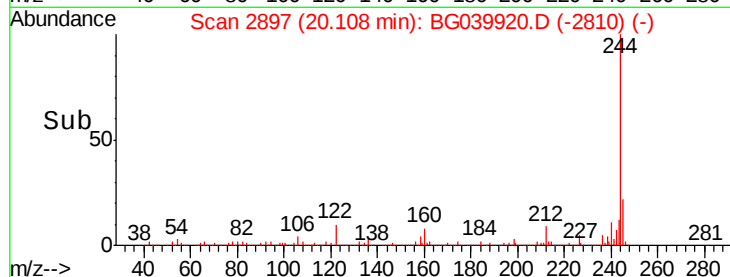
122 9.7 8.4 12.6



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# 3758

Delta R.T. -0.03 min

Lab File: BG039920.D

Acq: 14 Mar 2019 2:41

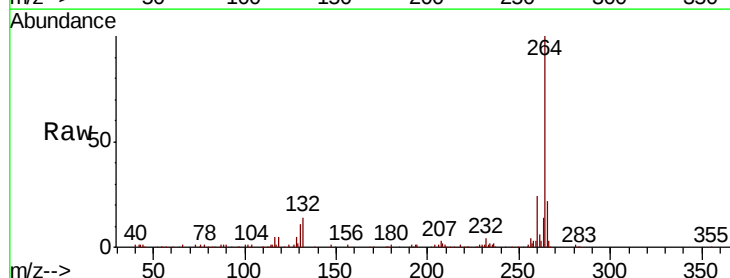
Tgt Ion:264 Resp: 287220

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 22.3 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

