

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030619\
 Data File : BG039791.D
 Acq On : 6 Mar 2019 17:27
 Operator : JU/SJ
 Sample : K1707-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S10

Quant Time: Mar 07 00:10:01 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

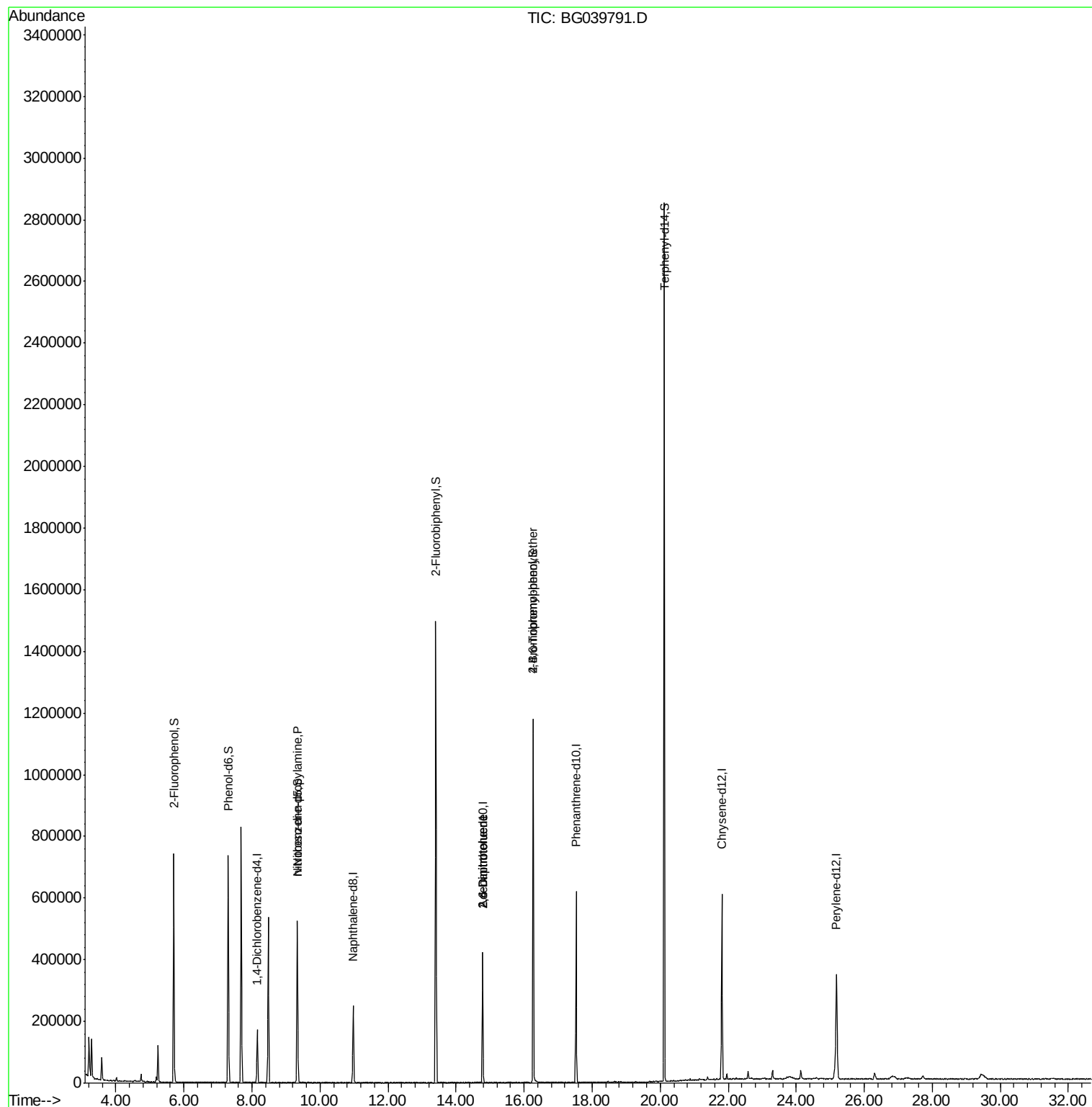
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	47784	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	208086	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	150584	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	378261	20.00	ng	0.00
76) Chrysene-d12	21.82	240	382008	20.00	ng	-0.01
87) Perylene-d12	25.18	264	384684	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	312491	111.57	ng	0.00
7) Phenol-d6	7.30	99	409284	98.00	ng	-0.01
23) Nitrobenzene-d5	9.33	82	306953	79.78	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	205027	116.81	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	766138	72.44	ng	-0.01
79) Terphenyl-d14	20.12	244	1313680	75.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	40489	13.469	ng	# 69
51) 2,6-Dinitrotoluene	14.78	165	18665	6.992	ng	# 24
57) 2,4-Dinitrotoluene	14.78	165	18665	4.976	ng	# 20
67) 4-Bromophenyl-phenylether	16.27	248	16281	3.845	ng	# 1

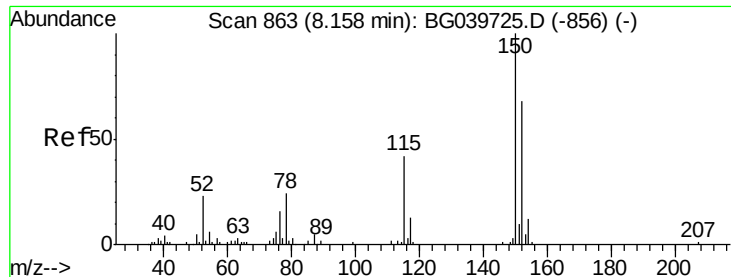
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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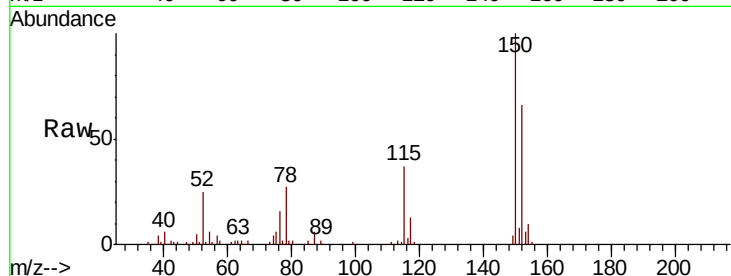


#1

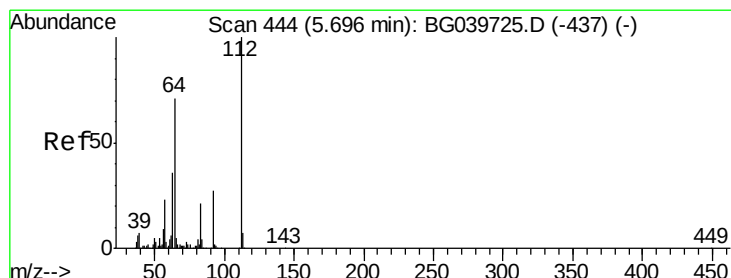
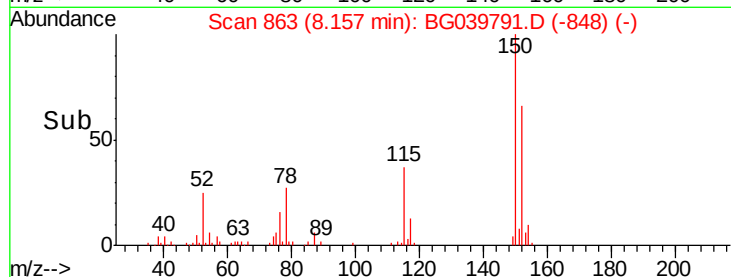
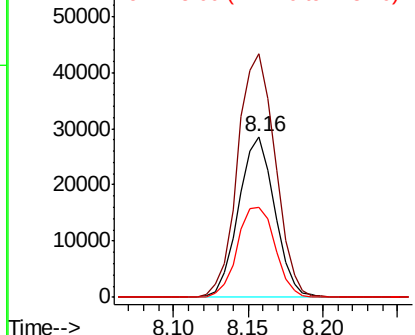
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039791.D
Acq: 6 Mar 2019 17:27

Instrument :
BNA_G
ClientSampleId :
S10

Tgt Ion:152 Resp: 47784
Ion Ratio Lower Upper
152 100
150 151.3 123.7 185.5
115 55.7 45.9 68.9



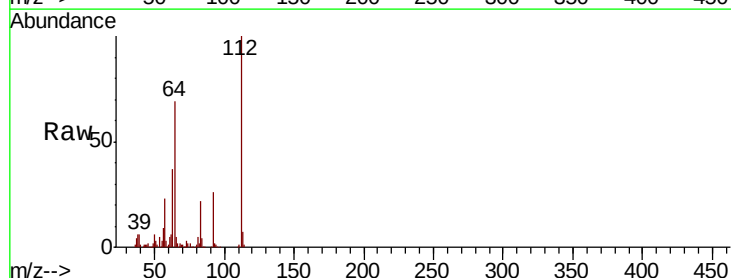
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



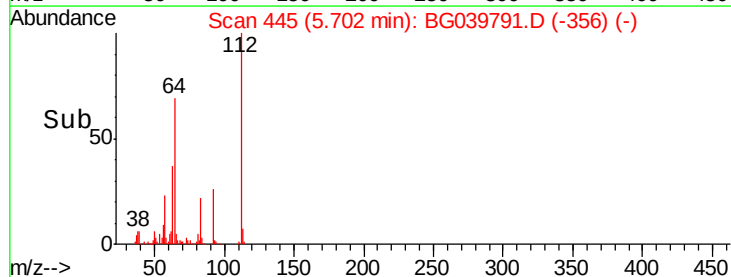
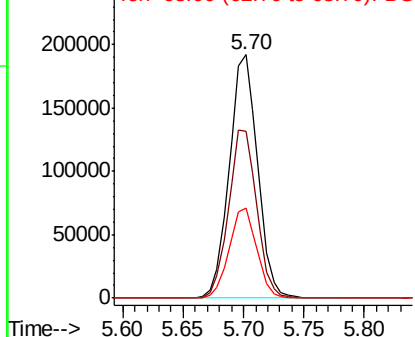
#5

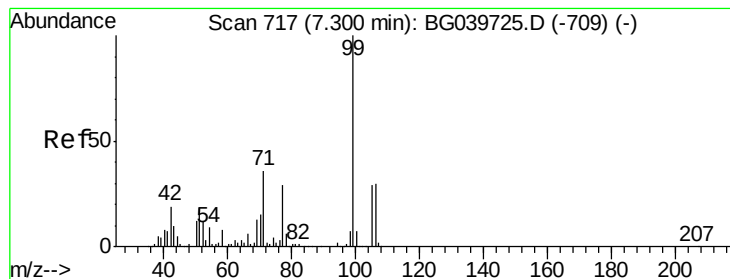
2-Fluorophenol
Concen: 111.567 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039791.D
Acq: 6 Mar 2019 17:27

Tgt Ion:112 Resp: 312491
Ion Ratio Lower Upper
112 100
64 68.6 57.8 86.8
63 37.0 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: 98.001 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039791.D

Acq: 6 Mar 2019 17:27

Instrument :

BNA_G

ClientSampleId :

S10

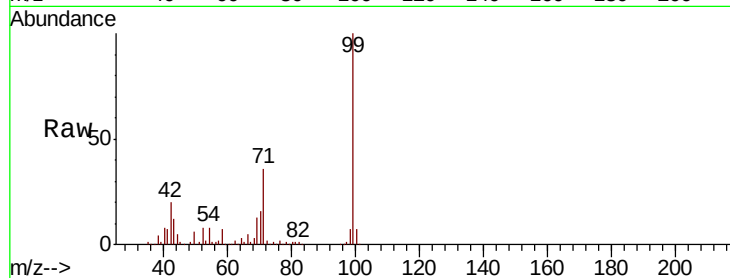
Tgt Ion: 99 Resp: 409284

Ion Ratio Lower Upper

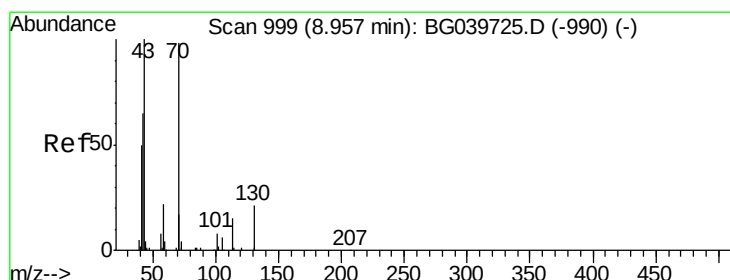
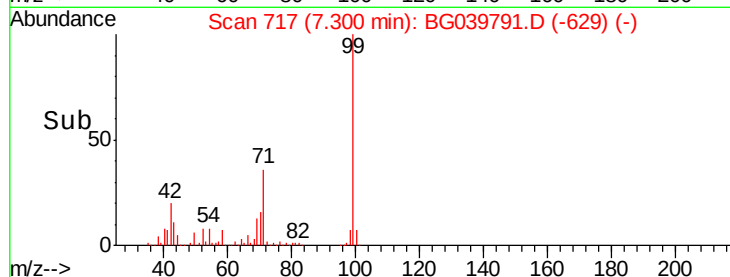
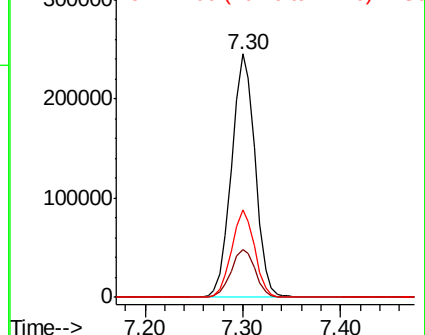
99 100

42 19.6 18.2 27.2

71 35.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.469 ng

RT: 9.33 min Scan# 1063

Delta R.T. 0.36 min

Lab File: BG039791.D

Acq: 6 Mar 2019 17:27

Tgt Ion: 70 Resp: 40489

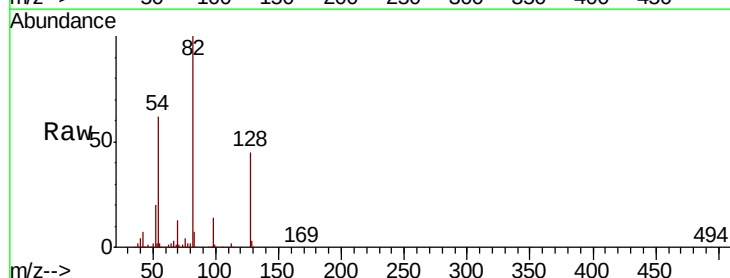
Ion Ratio Lower Upper

70 100

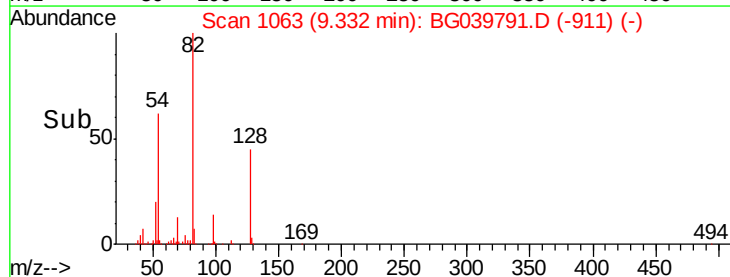
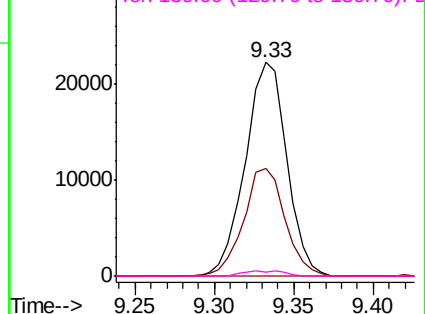
42 50.5 60.4 90.6#

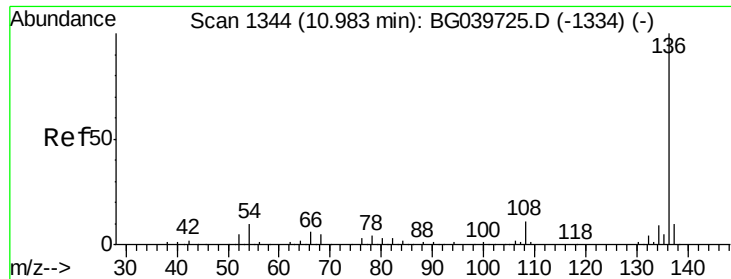
101 0.0 7.5 11.3#

130 1.9 16.9 25.3#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

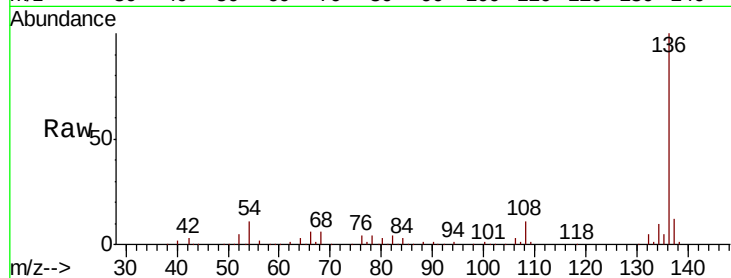




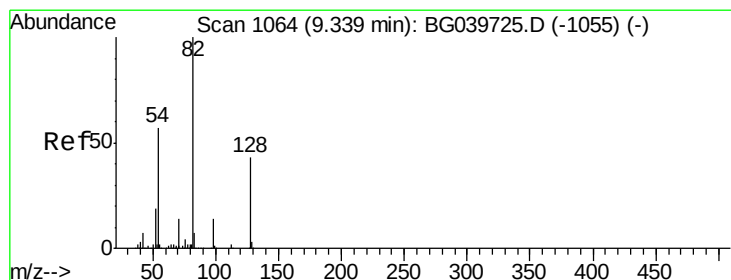
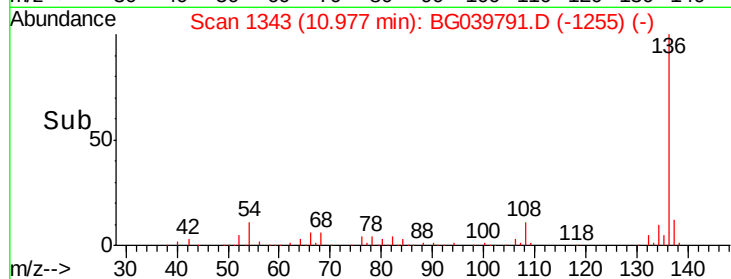
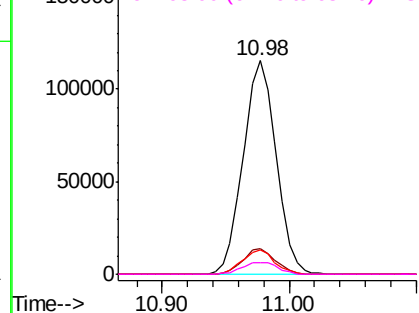
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039791.D
Acq: 6 Mar 2019 17:27

Instrument :
BNA_G
ClientSampleId :
S10

Tgt Ion:	136	Resp:	208086
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	11.5	9.4	14.2
68	5.6	4.2	6.4

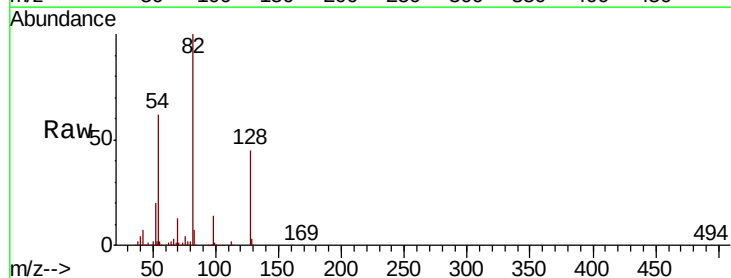


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

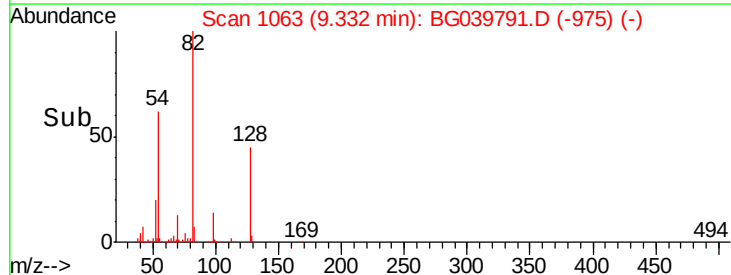
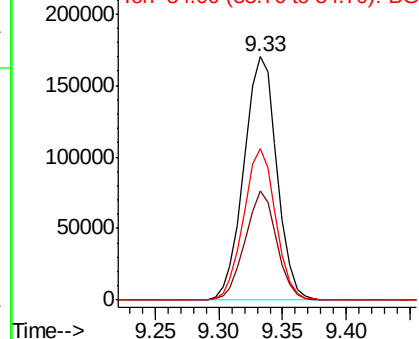


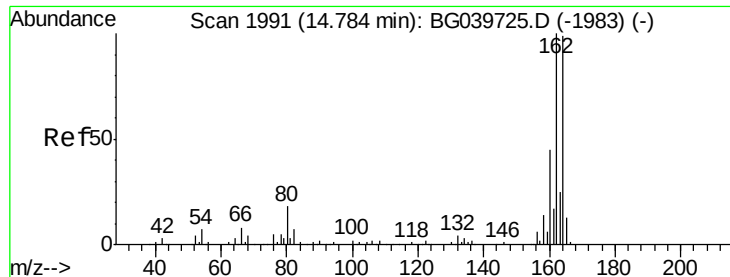
#23
Nitrobenzene-d5
Concen: 79.781 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039791.D
Acq: 6 Mar 2019 17:27

Tgt Ion:	82	Resp:	306953
Ion	Ratio	Lower	Upper
82	100		
128	45.0	31.3	46.9
54	62.2	50.9	76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

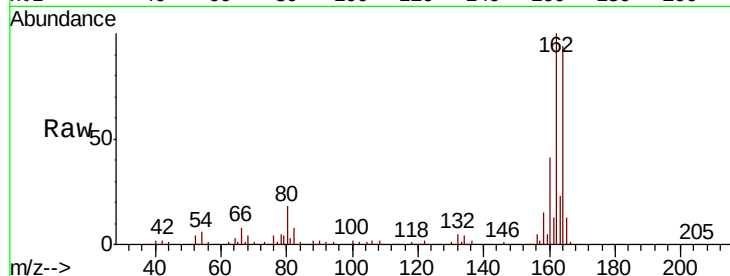




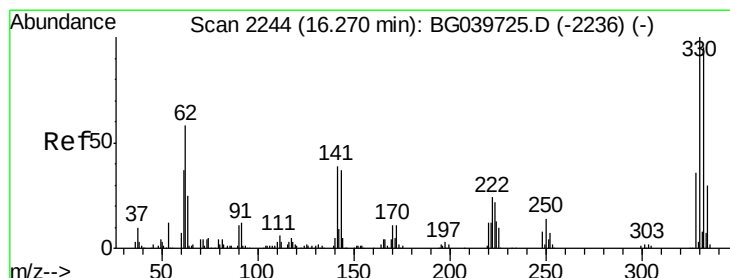
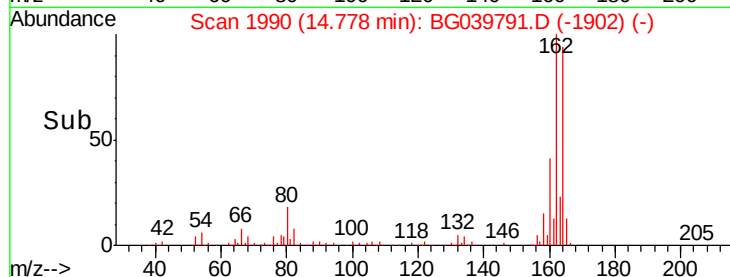
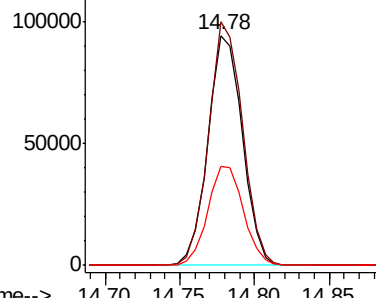
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039791.D
Acq: 6 Mar 2019 17:27

Instrument :
BNA_G
ClientSampleId :
S10

Tgt Ion:164 Resp: 150584
Ion Ratio Lower Upper
164 100
162 106.0 81.6 122.4
160 43.1 34.2 51.2

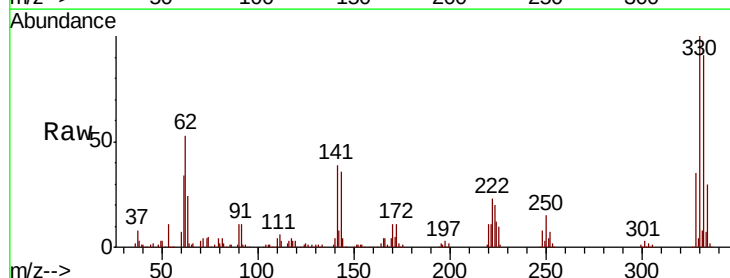


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

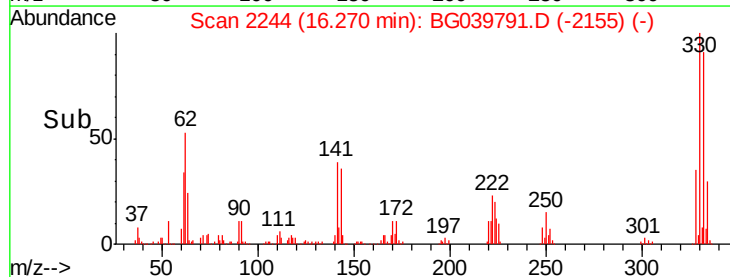
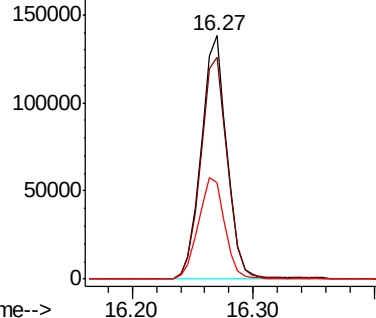


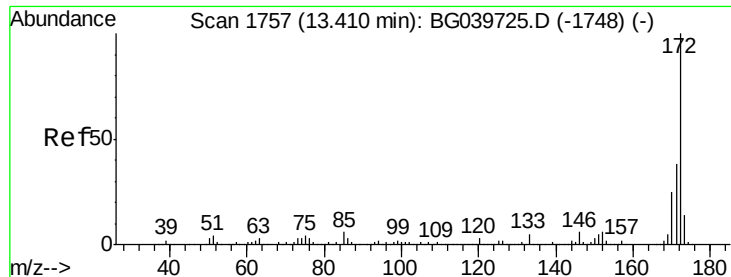
#42
2,4,6-Tribromophenol
Concen: 116.813 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039791.D
Acq: 6 Mar 2019 17:27

Tgt Ion:330 Resp: 205027
Ion Ratio Lower Upper
330 100
332 94.2 75.7 113.5
141 42.6 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

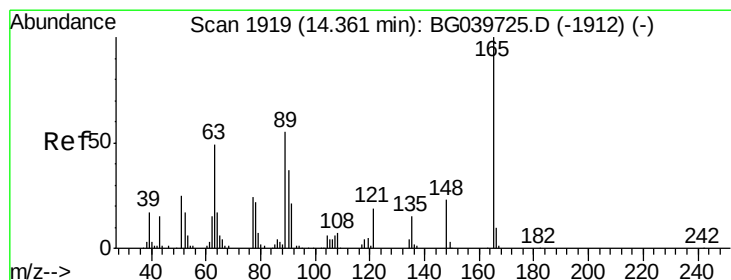
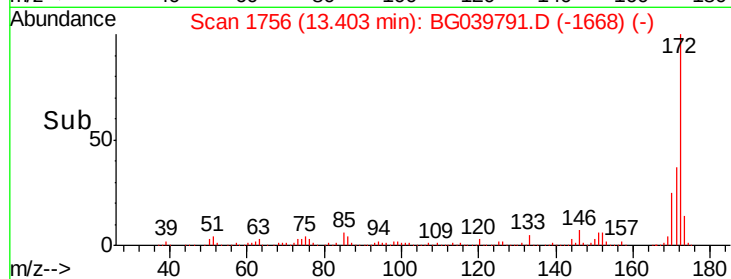
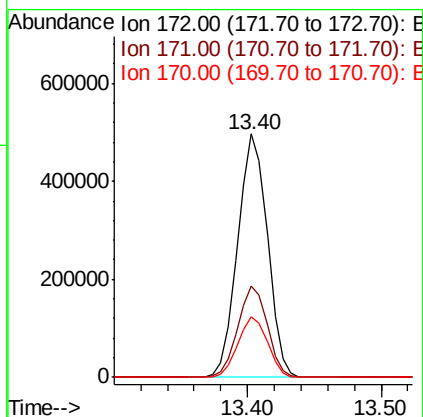
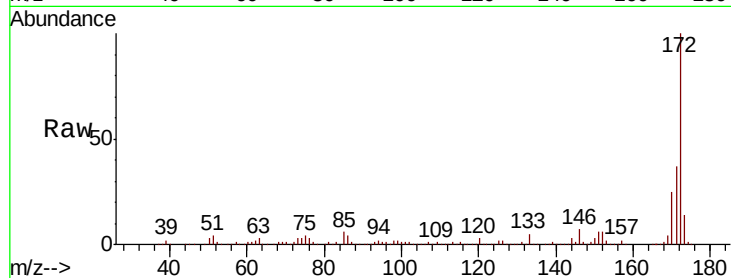




#45
 2-Fluorobiphenyl
 Concen: 72.441 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039791.D
 Acq: 6 Mar 2019 17:27

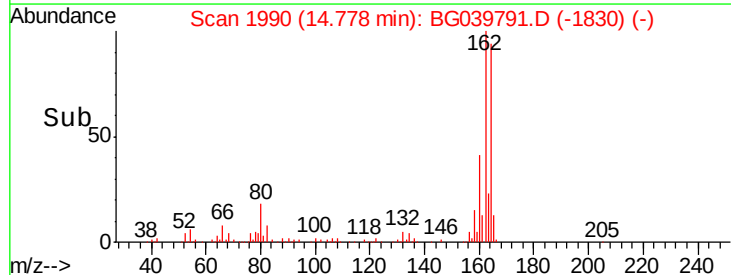
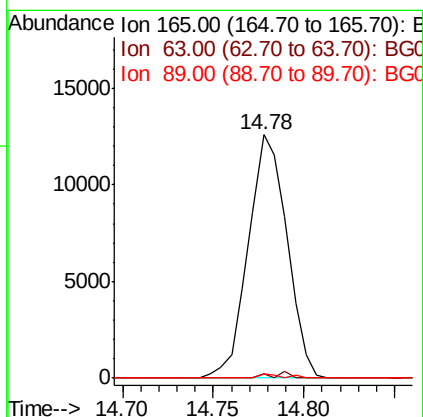
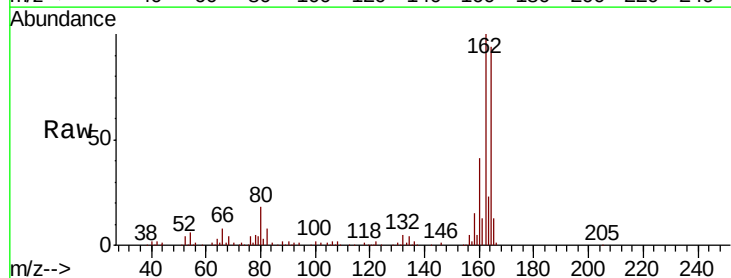
Instrument :
 BNA_G
 ClientSampleId :
 S10

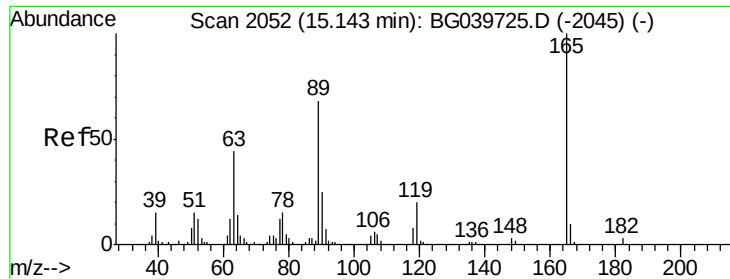
Tgt Ion:172 Resp: 766138
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 24.7 20.2 30.4



#51
 2,6-Dinitrotoluene
 Concen: 6.992 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.41 min
 Lab File: BG039791.D
 Acq: 6 Mar 2019 17:27

Tgt Ion:165 Resp: 18665
 Ion Ratio Lower Upper
 165 100
 63 1.9 47.0 70.6#
 89 1.9 45.8 68.8#

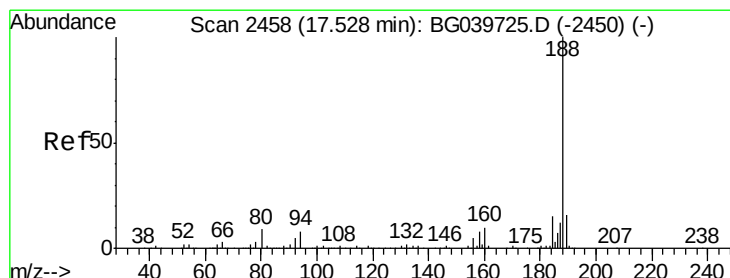
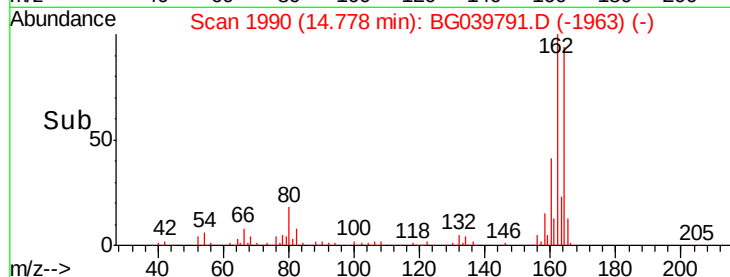
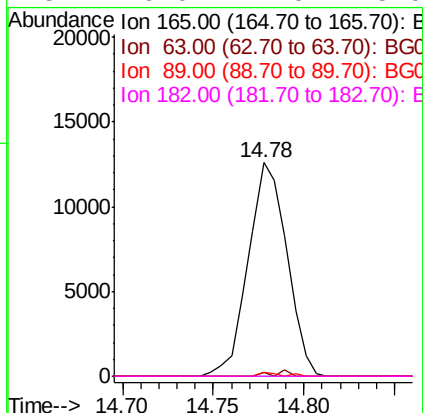
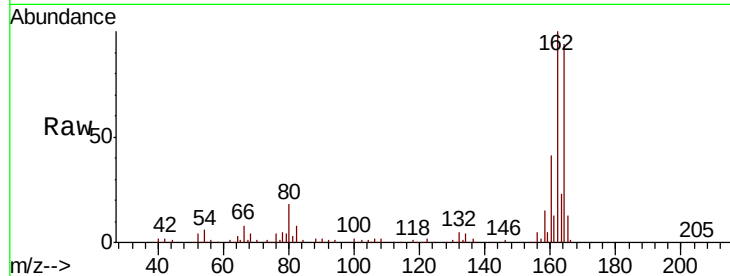




#57
 2,4-Dinitrotoluene
 Concen: 4.976 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039791.D
 Acq: 6 Mar 2019 17:27

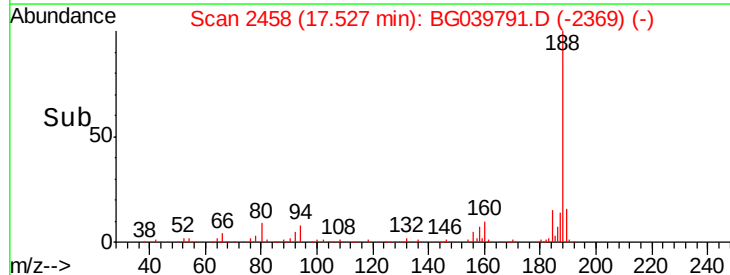
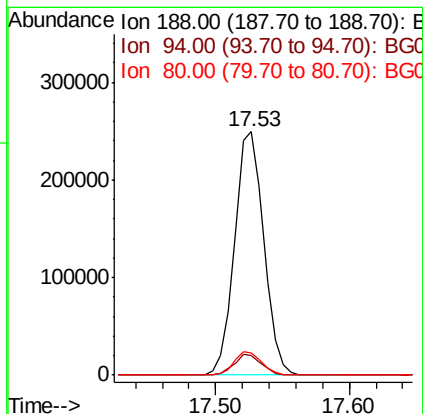
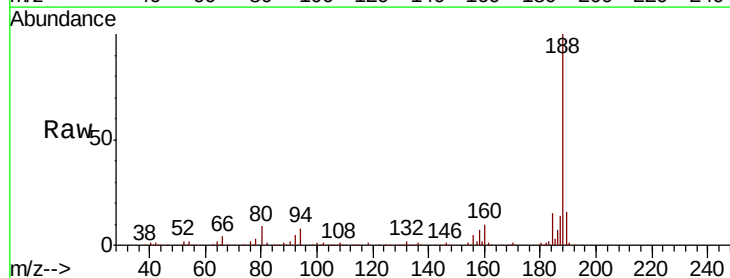
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 S10

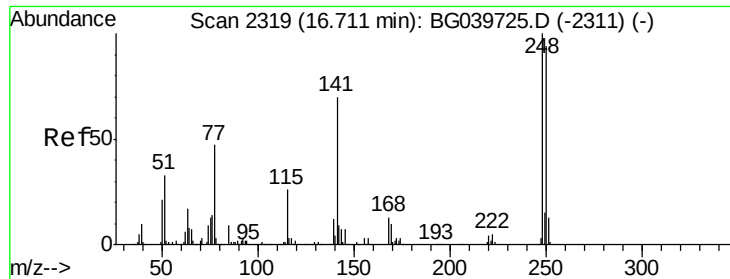
Tgt Ion:	165	Resp:	18665
Ion	Ratio	Lower	Upper
165	100		
63	1.9	41.0	61.6#
89	1.9	64.6	96.8#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.53 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BG039791.D
 Acq: 6 Mar 2019 17:27

Tgt Ion:	188	Resp:	378261
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.3	8.1	12.1

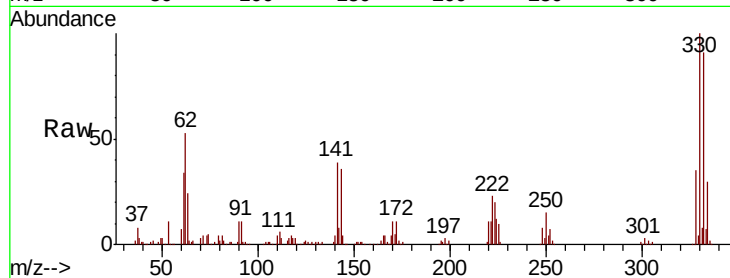




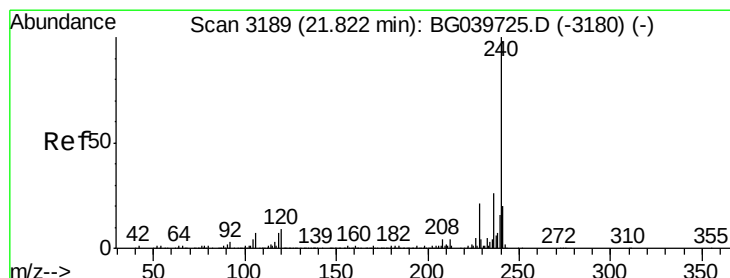
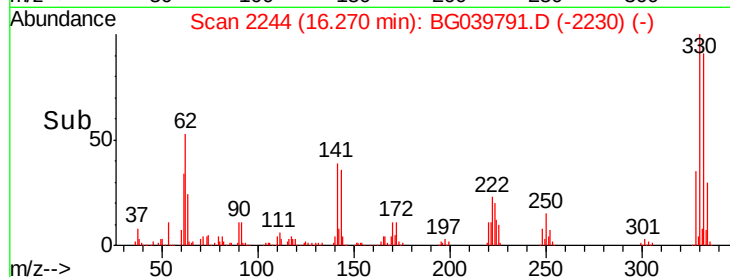
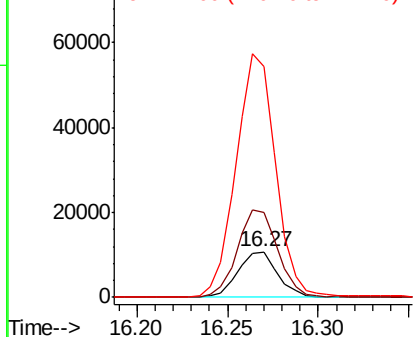
#67
 4-Bromophenyl-phenylether
 Concen: 3.845 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.45 min
 Lab File: BG039791.D
 Acq: 6 Mar 2019 17:27

Instrument :
 BNA_G
 ClientSampleId :
 S10

Tgt Ion:248 Resp: 16281
 Ion Ratio Lower Upper
 248 100
 250 187.5 77.6 116.4#
 141 509.1 63.9 95.9#

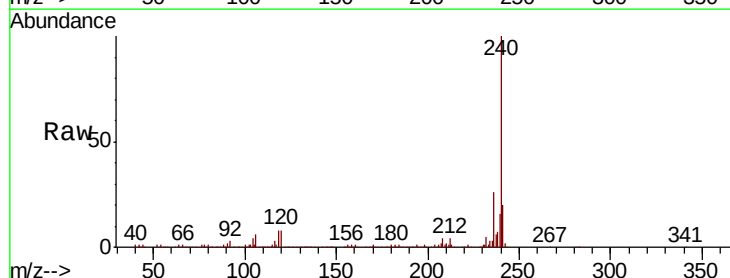


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

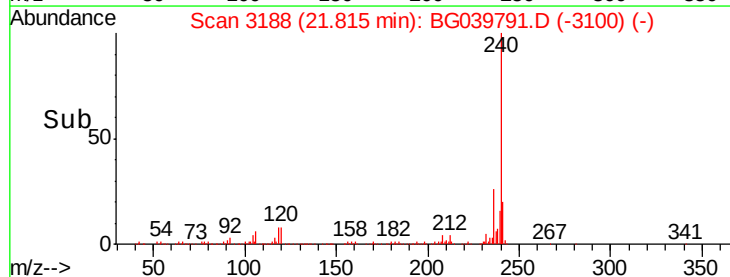
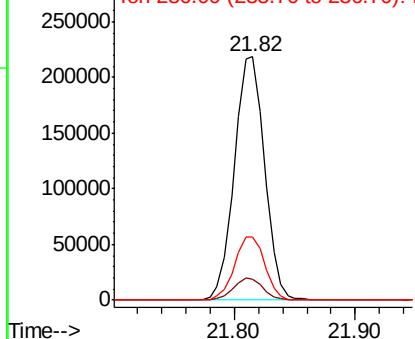


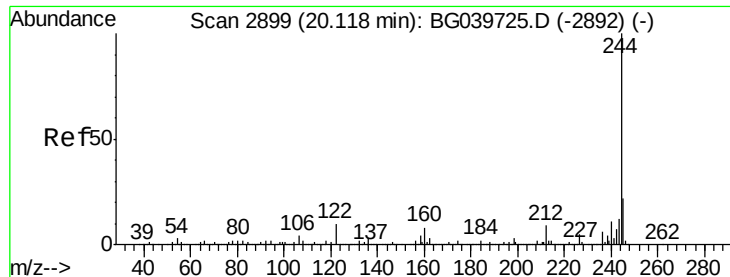
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.82 min Scan# 3188
 Delta R.T. -0.01 min
 Lab File: BG039791.D
 Acq: 6 Mar 2019 17:27

Tgt Ion:240 Resp: 382008
 Ion Ratio Lower Upper
 240 100
 120 8.5 7.0 10.6
 236 25.8 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





#79

Terphenyl-d14

Concen: 75.717 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039791.D

Acq: 6 Mar 2019 17:27

Instrument :

BNA_G

ClientSampleId :

S10

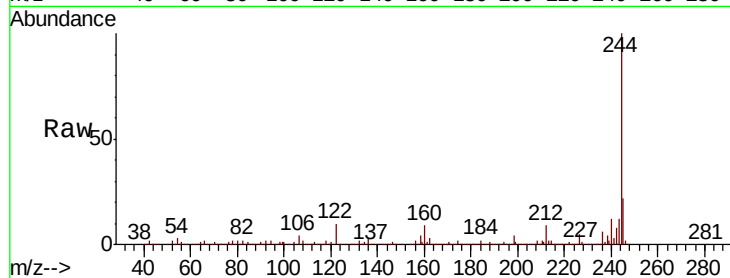
Tgt Ion:244 Resp: 1313680

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

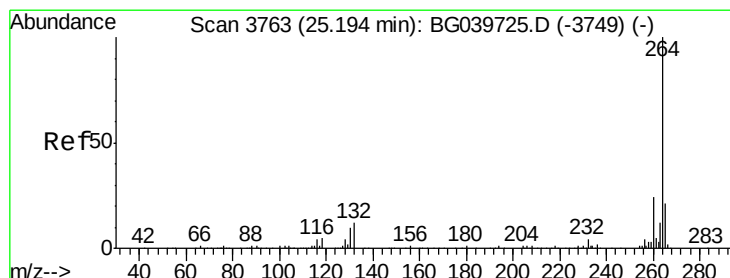
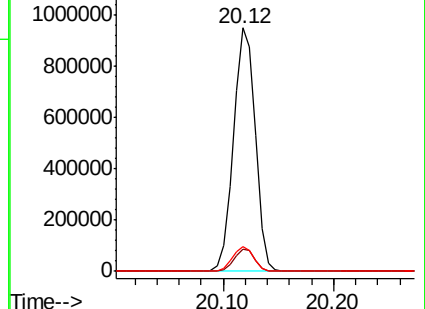
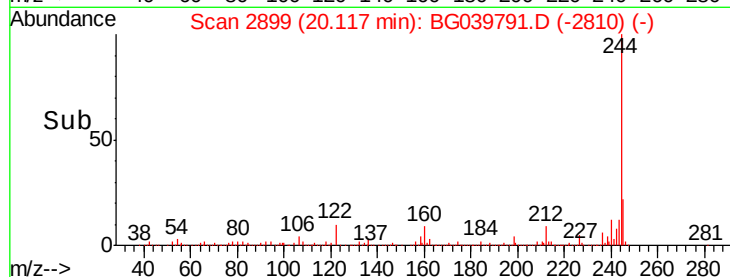
122 10.0 8.4 12.6



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: BG039791.D

Acq: 6 Mar 2019 17:27

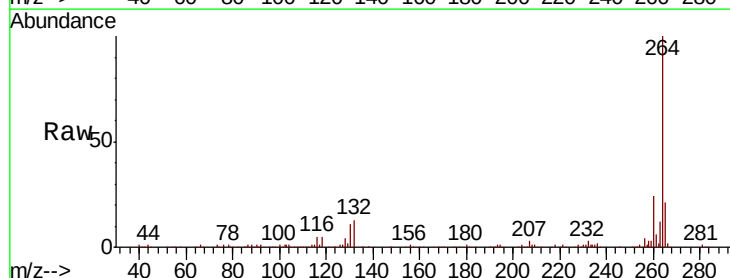
Tgt Ion:264 Resp: 384684

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 20.6 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

