

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032619\
 Data File : BG040150.D
 Acq On : 26 Mar 2019 16:56
 Operator : JU/SJ
 Sample : PB118289BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118289BL

Quant Time: Mar 27 01:23:02 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

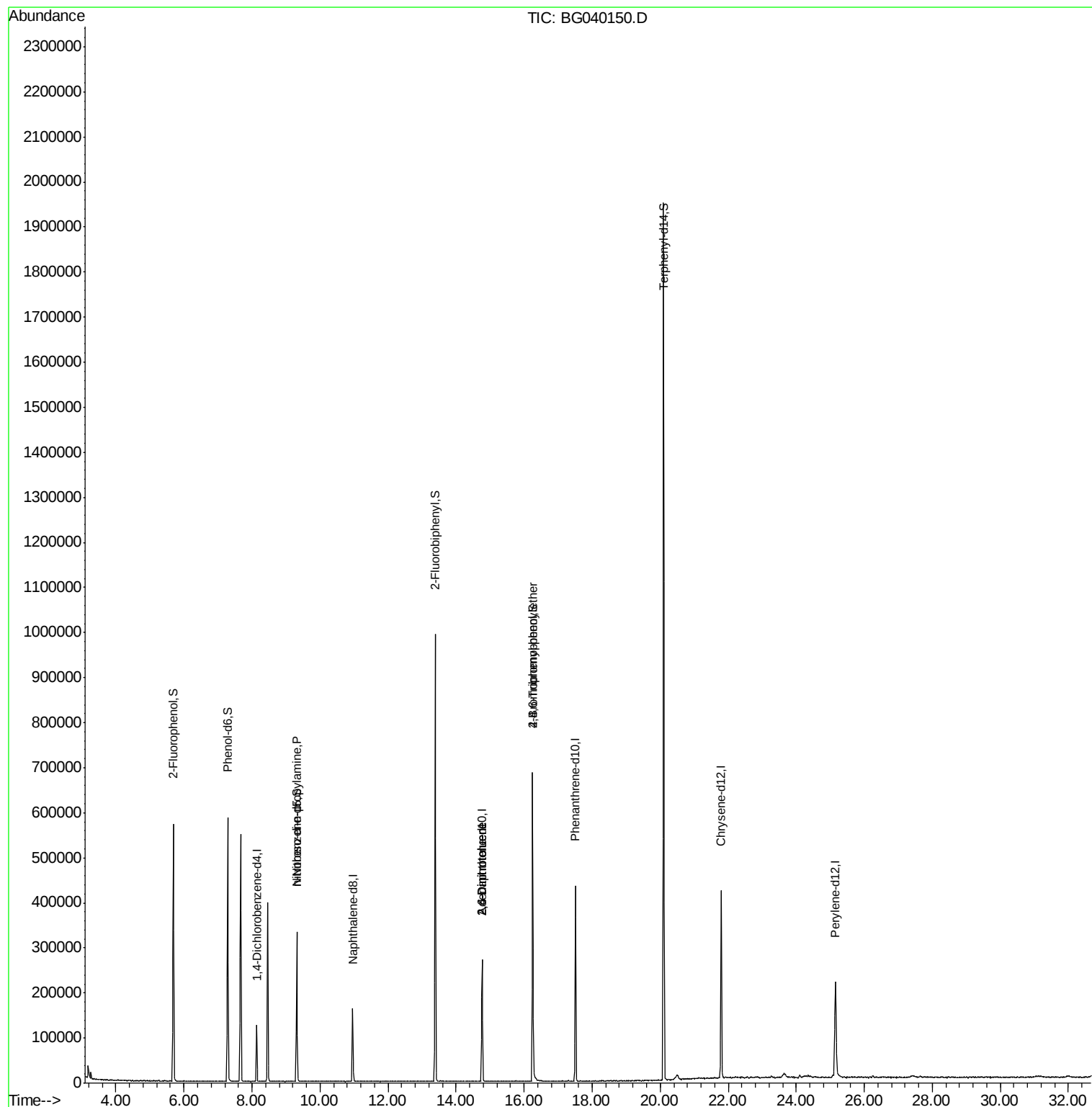
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	34570	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	142029	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	102765	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	268493	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	276505	20.00	ng	-0.04
87) Perylene-d12	25.15	264	269512	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	237659	117.28	ng	-0.02
7) Phenol-d6	7.29	99	341690	113.09	ng	-0.02
23) Nitrobenzene-d5	9.32	82	198989	75.77	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	134612	112.38	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	533886	73.97	ng	-0.03
79) Terphenyl-d14	20.10	244	937579	74.66	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.32	70	24609	11.316	ng	# 68
51) 2,6-Dinitrotoluene	14.76	165	12733	6.990	ng	# 22
57) 2,4-Dinitrotoluene	14.76	165	12733	4.974	ng	# 17
67) 4-Bromophenyl-phenylether	16.25	248	10390	3.457	ng	# 1

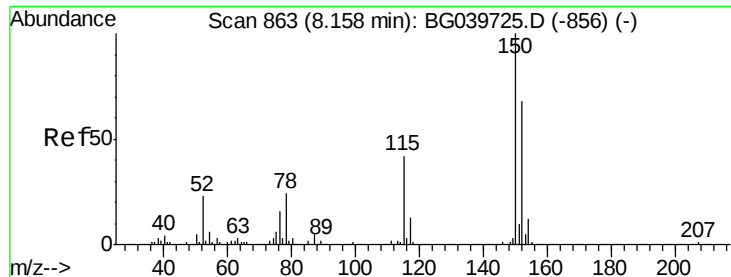
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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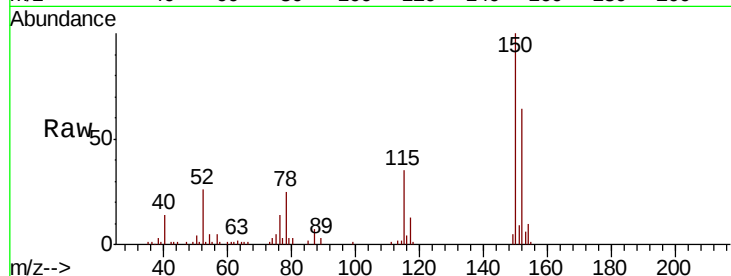


#1

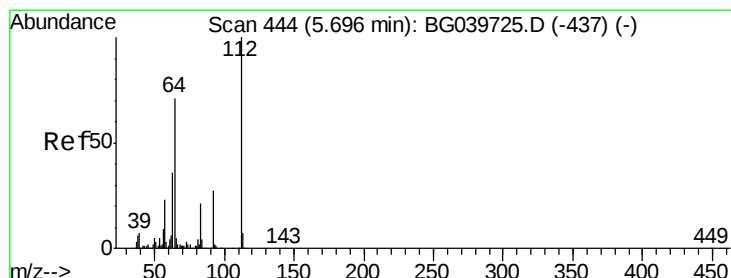
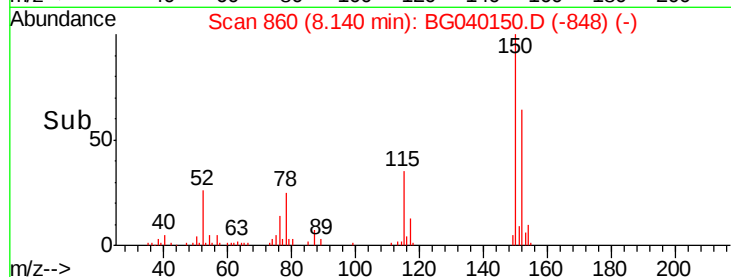
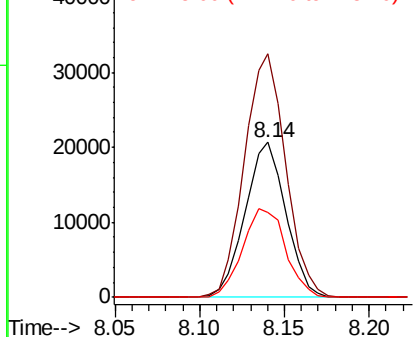
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040150.D
Acq: 26 Mar 2019 16:56

Instrument :
BNA_G
ClientSampleId :
PB118289BL

Tgt Ion:152 Resp: 34570
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 54.8 45.9 68.9



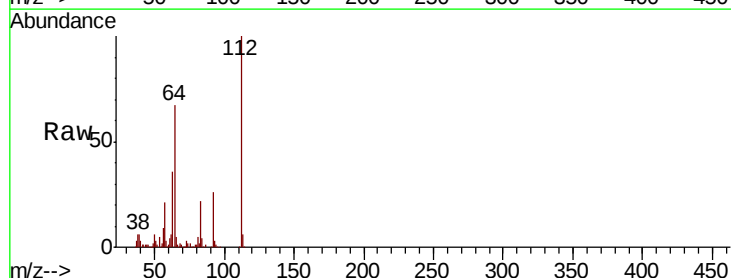
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



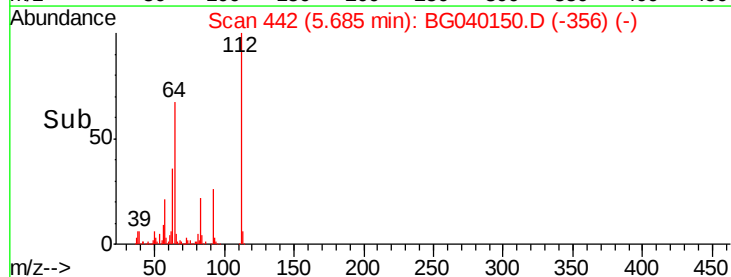
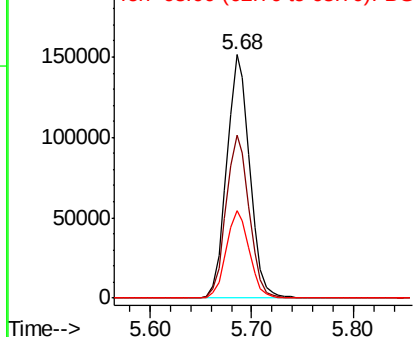
#5

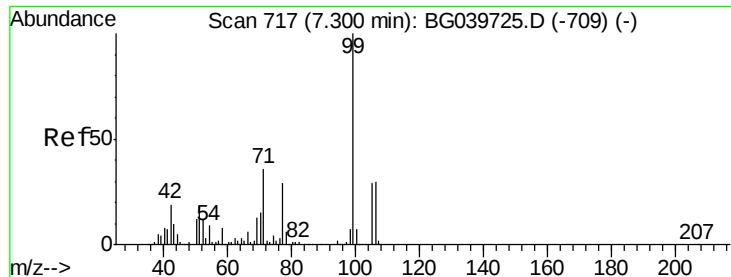
2-Fluorophenol
Concen: 117.283 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040150.D
Acq: 26 Mar 2019 16:56

Tgt Ion:112 Resp: 237659
Ion Ratio Lower Upper
112 100
64 67.1 57.8 86.8
63 36.1 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: 113.089 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040150.D

Acq: 26 Mar 2019 16:56

Instrument :

BNA_G

ClientSampleId :

PB118289BL

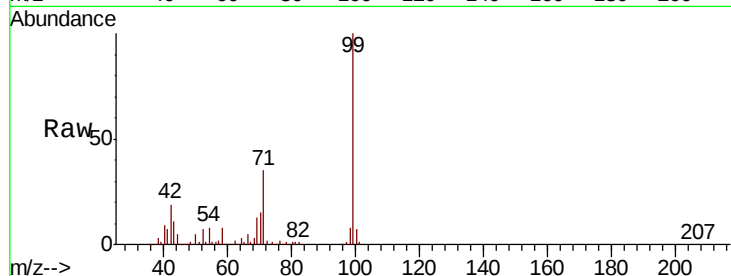
Tgt Ion: 99 Resp: 341690

Ion Ratio Lower Upper

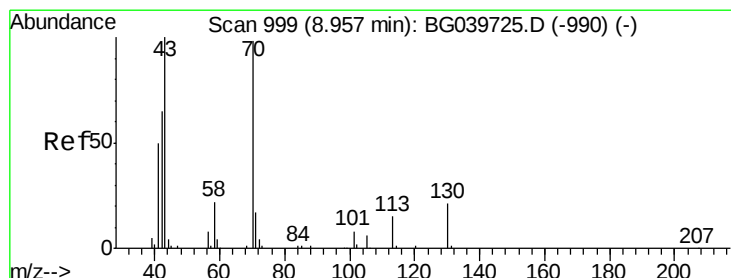
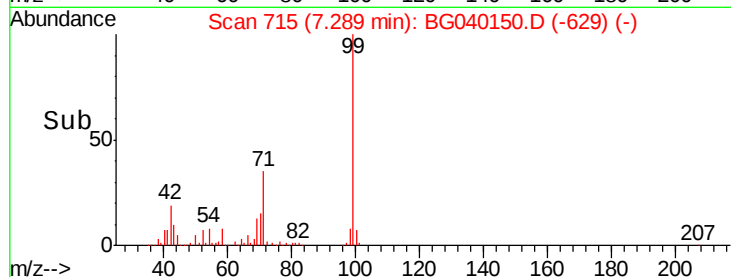
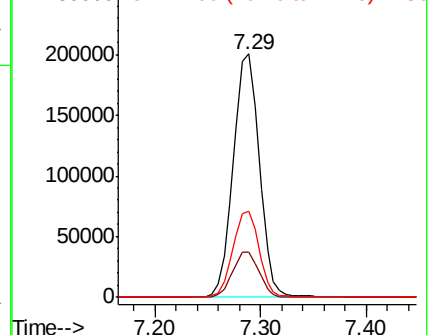
99 100

42 18.6 18.2 27.2

71 35.3 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: 11.316 ng

RT: 9.32 min Scan# 1060

Delta R.T. 0.35 min

Lab File: BG040150.D

Acq: 26 Mar 2019 16:56

Tgt Ion: 70 Resp: 24609

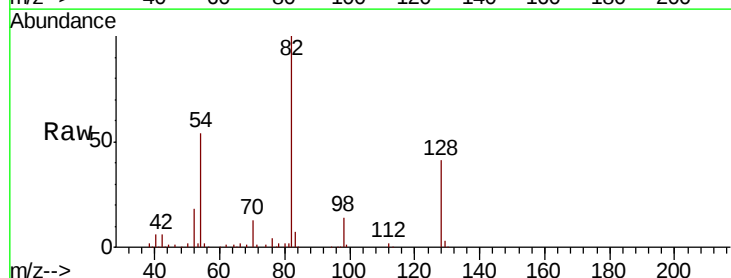
Ion Ratio Lower Upper

70 100

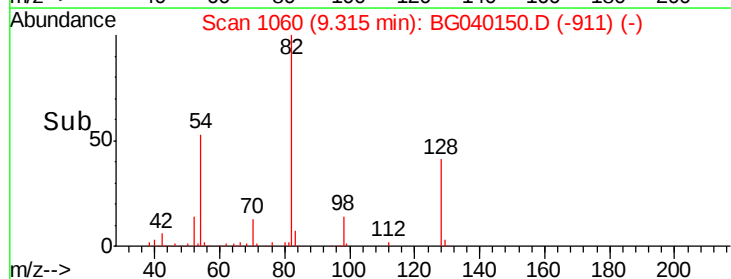
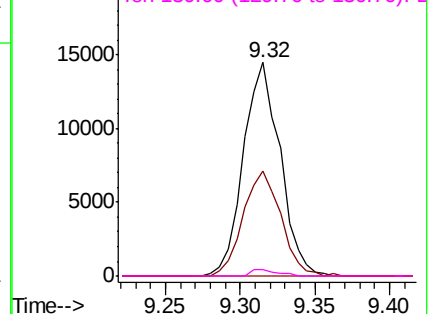
42 48.9 60.4 90.6#

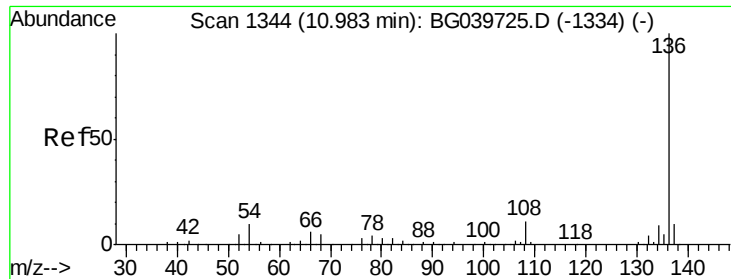
101 0.0 7.5 11.3#

130 3.0 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

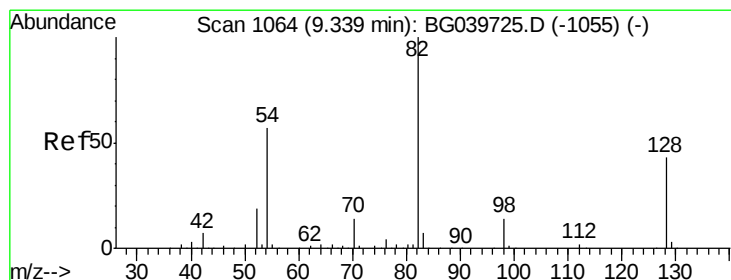
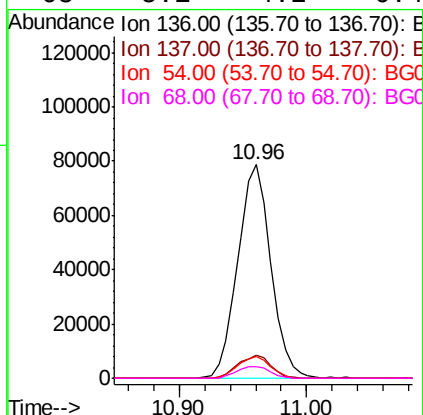
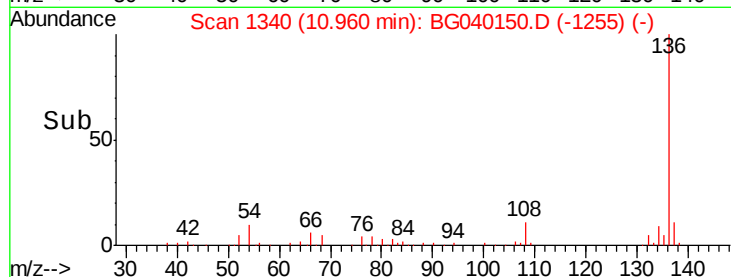
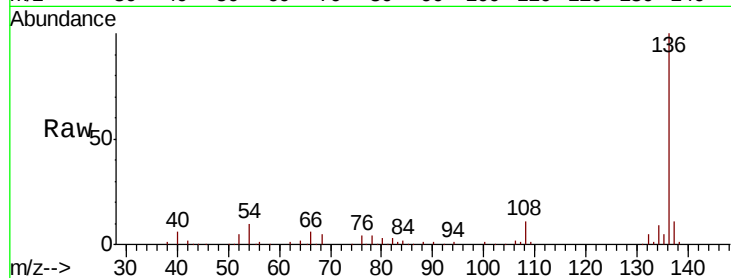




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040150.D
Acq: 26 Mar 2019 16:56

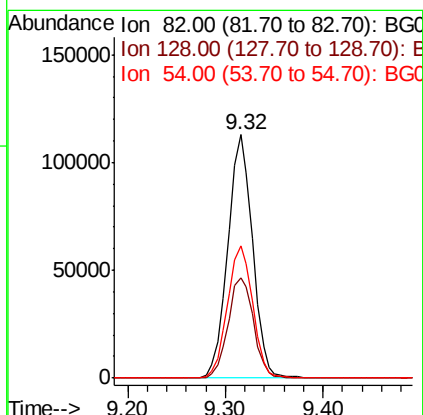
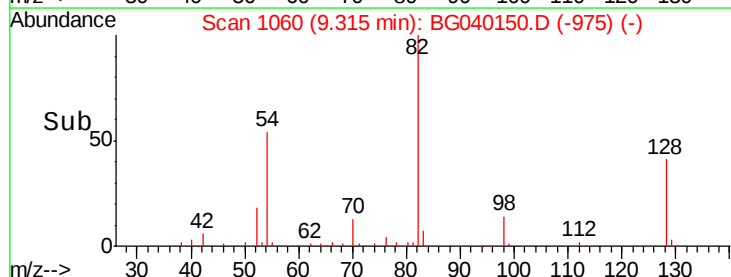
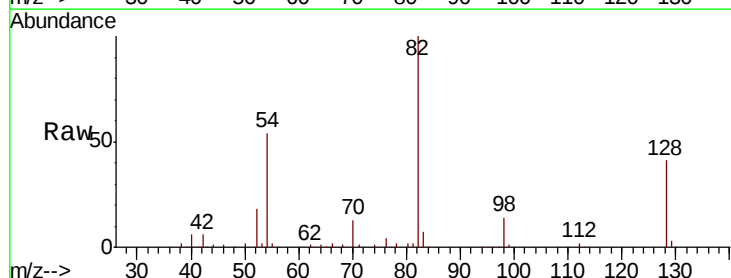
Instrument :
BNA_G
ClientSampleId :
PB118289BL

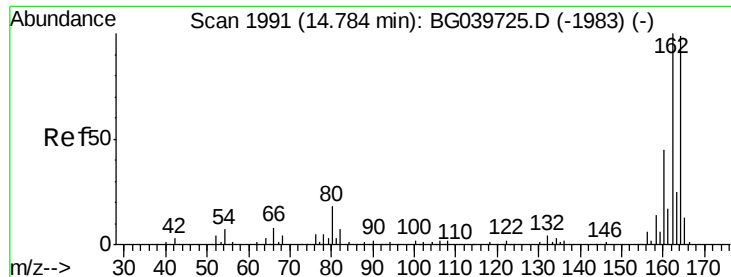
Tgt Ion:	136	Resp:	142029
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.3	9.4	14.2
68	5.1	4.2	6.4



#23
Nitrobenzene-d5
Concen: 75.774 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040150.D
Acq: 26 Mar 2019 16:56

Tgt Ion:	82	Resp:	198989
Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.3	46.9
54	54.4	50.9	76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040150.D

Acq: 26 Mar 2019 16:56

Instrument :

BNA_G

ClientSampleId :

PB118289BL

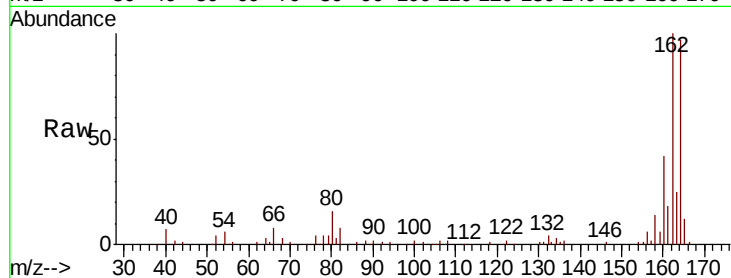
Tgt Ion:164 Resp: 102765

Ion Ratio Lower Upper

164 100

162 103.4 81.6 122.4

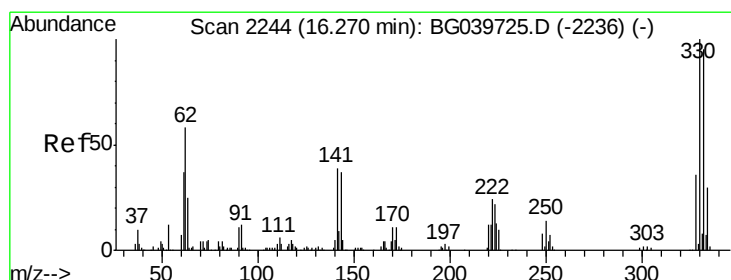
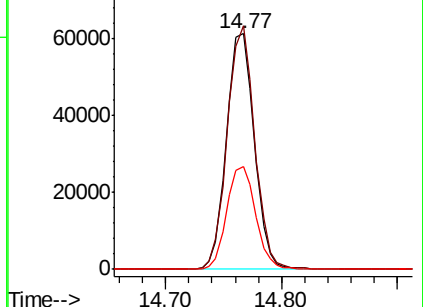
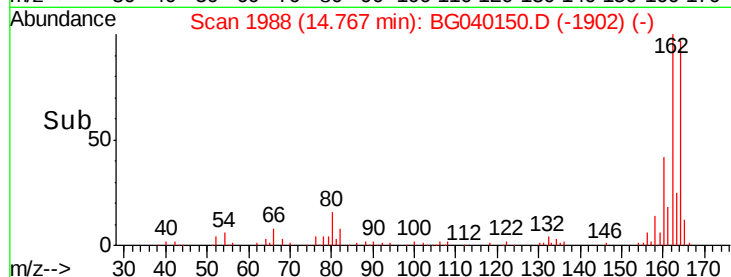
160 43.8 34.2 51.2



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: 112.383 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040150.D

Acq: 26 Mar 2019 16:56

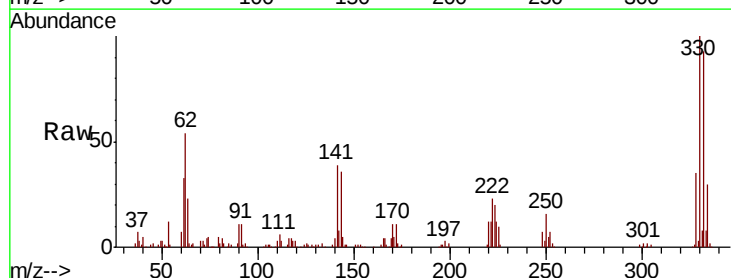
Tgt Ion:330 Resp: 134612

Ion Ratio Lower Upper

330 100

332 97.4 75.7 113.5

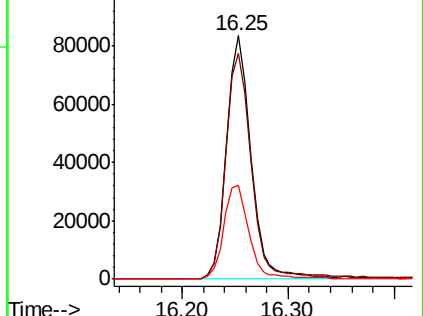
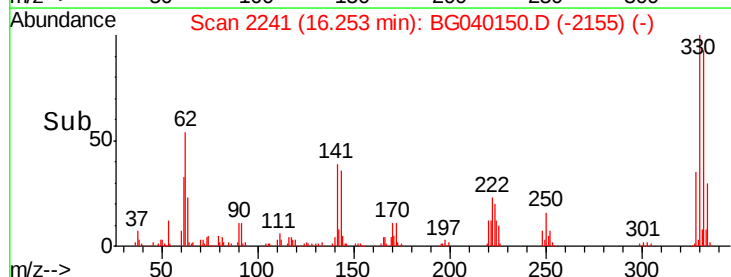
141 40.3 35.6 53.4

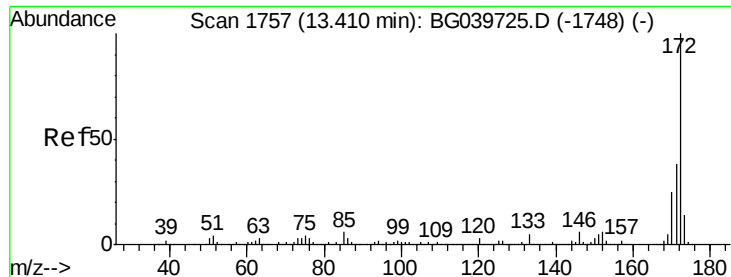


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

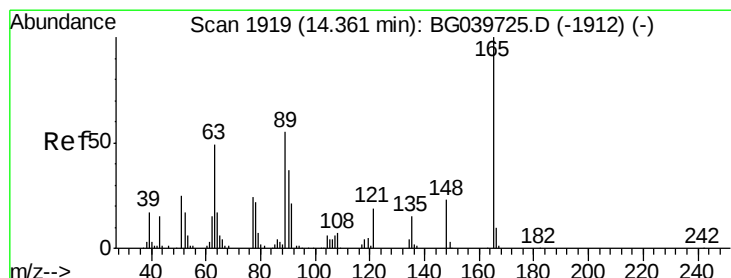
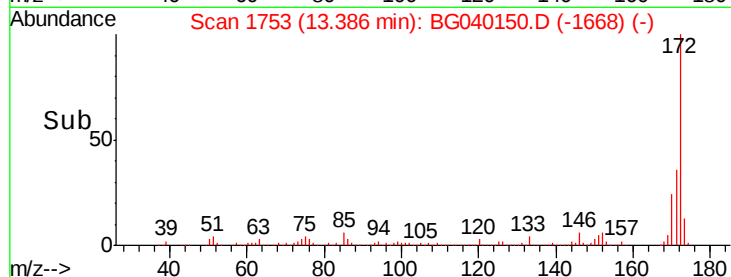
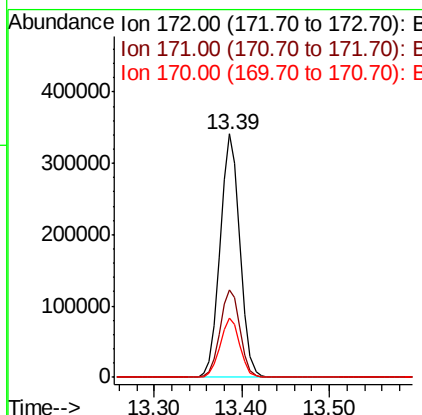
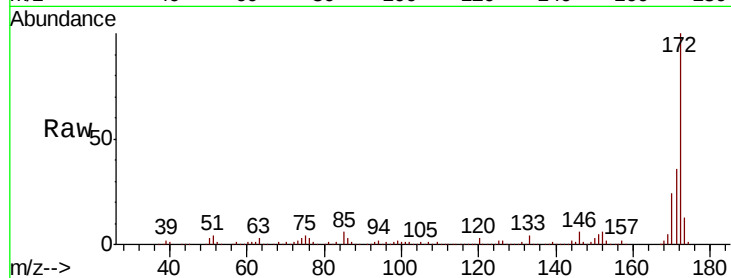




#45
2-Fluorobiphenyl
Concen: 73.971 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040150.D
Acq: 26 Mar 2019 16:56

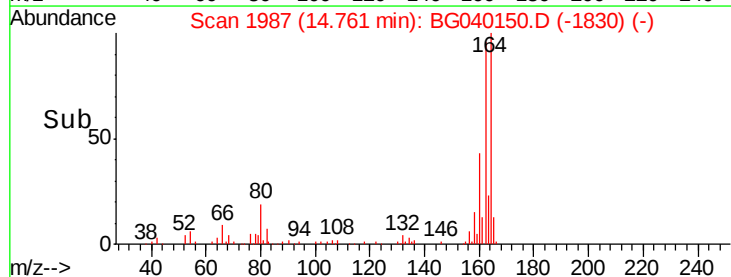
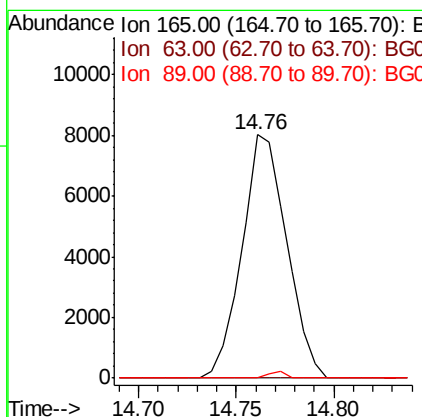
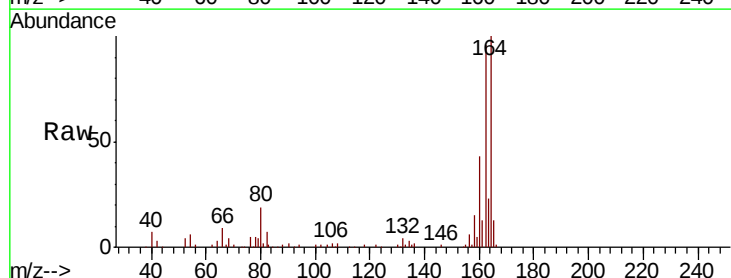
Instrument :
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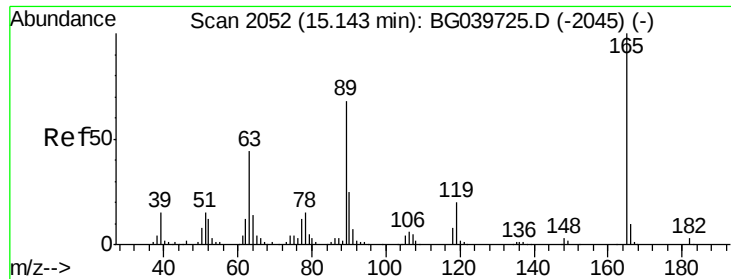
Tgt Ion:172 Resp: 533886
Ion Ratio Lower Upper
172 100
171 35.9 30.8 46.2
170 24.1 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 6.990 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.39 min
Lab File: BG040150.D
Acq: 26 Mar 2019 16:56

Tgt Ion:165 Resp: 12733
Ion Ratio Lower Upper
165 100
63 0.0 47.0 70.6#
89 0.0 45.8 68.8#

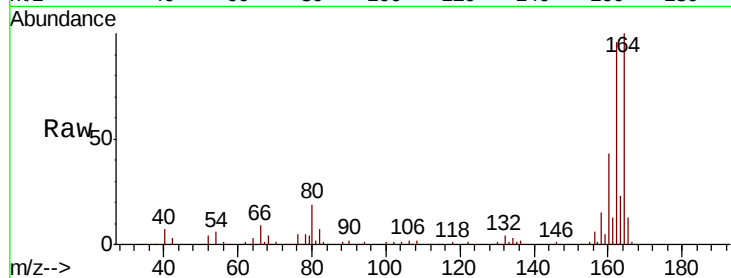




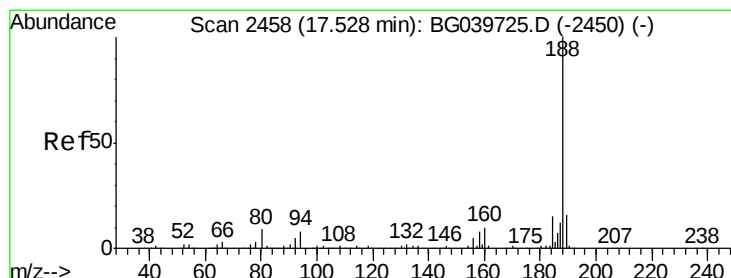
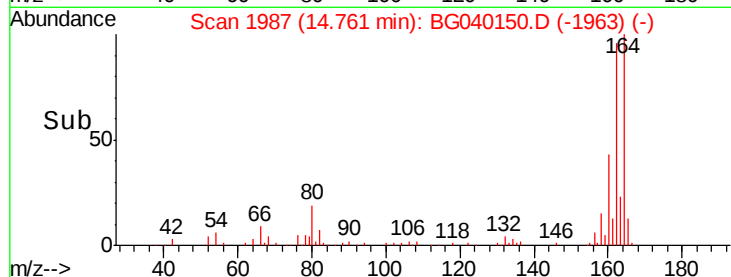
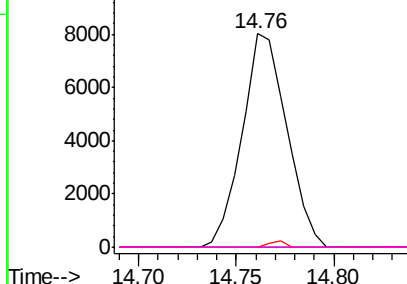
#57
 2,4-Dinitrotoluene
 Concen: 4.974 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.39 min
 Lab File: BG040150.D
 Acq: 26 Mar 2019 16:56

Instrument :
 BNA_G
 ClientSampleId :
 PB118289BL

Tgt Ion:	165	Resp:	12733
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#

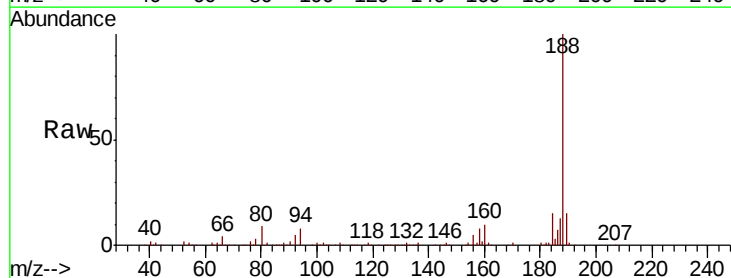


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

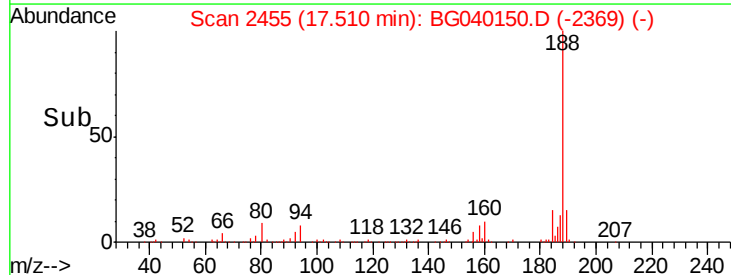
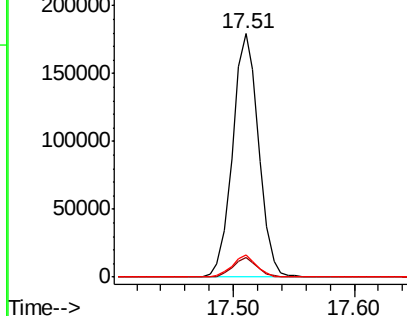


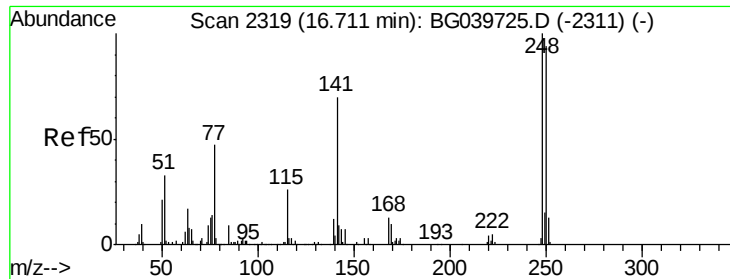
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040150.D
 Acq: 26 Mar 2019 16:56

Tgt Ion:	188	Resp:	268493
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.0	8.1	12.1



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

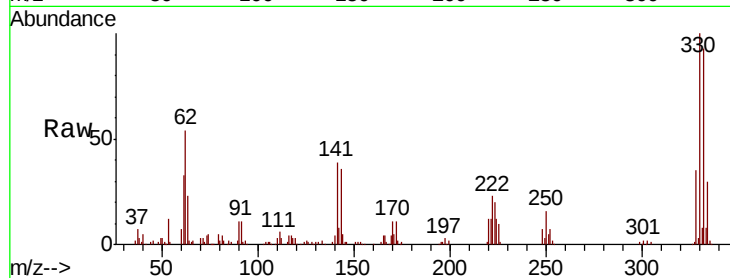




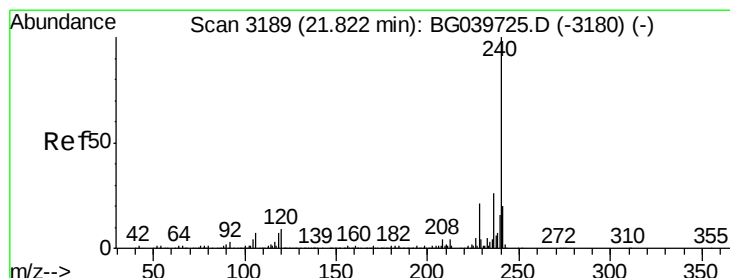
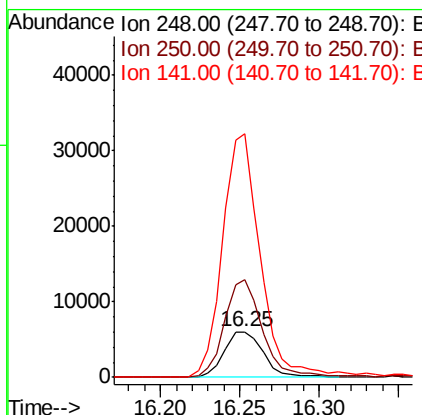
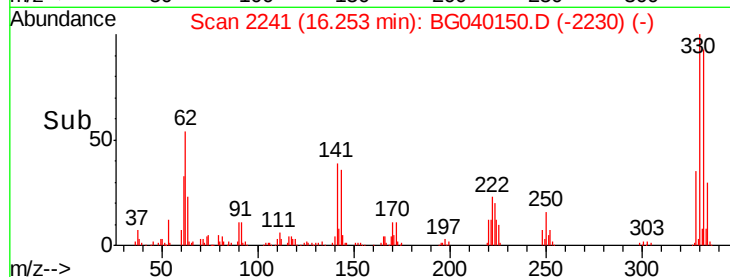
#67
4-Bromophenyl-phenylether
Concen: 3.457 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040150.D
Acq: 26 Mar 2019 16:56

Instrument :
BNA_G
ClientSampleId :
PB118289BL

Tgt Ion:248 Resp: 10390
Ion Ratio Lower Upper
248 100
250 214.6 77.6 116.4#
141 532.2 63.9 95.9#

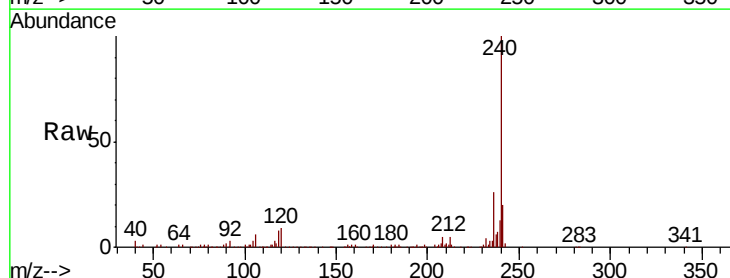


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

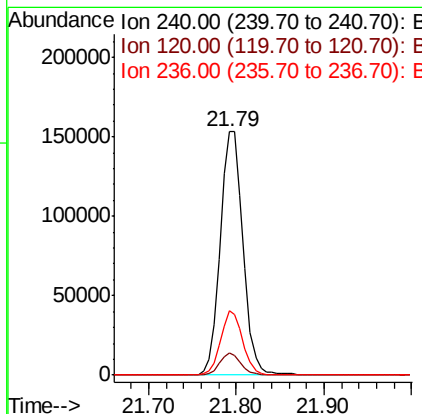
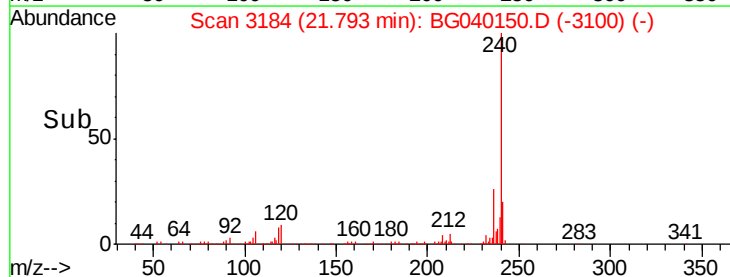


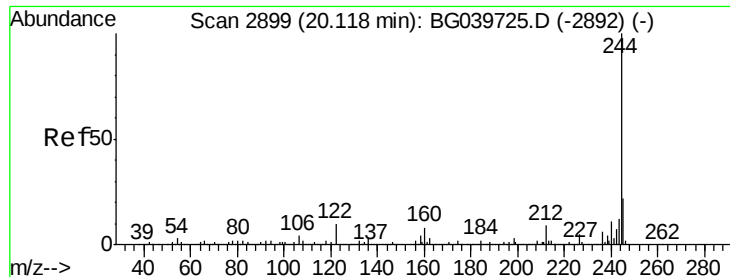
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.04 min
Lab File: BG040150.D
Acq: 26 Mar 2019 16:56

Tgt Ion:240 Resp: 276505
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 26.5 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: 74.659 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040150.D

Acq: 26 Mar 2019 16:56

Instrument :

BNA_G

ClientSampleId :

PB118289BL

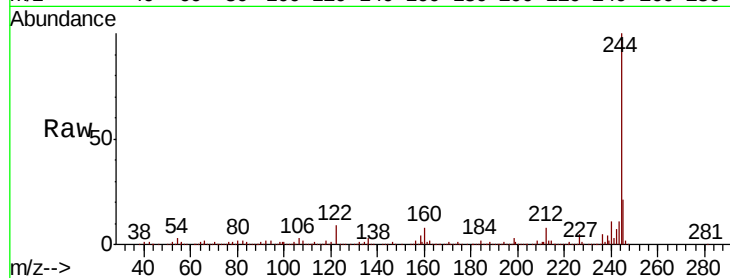
Tgt Ion:244 Resp: 937579

Ion Ratio Lower Upper

244 100

212 8.5 7.3 10.9

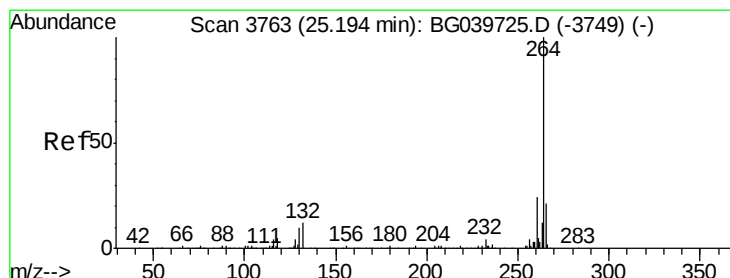
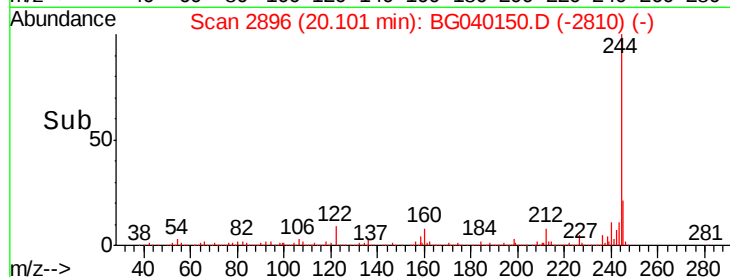
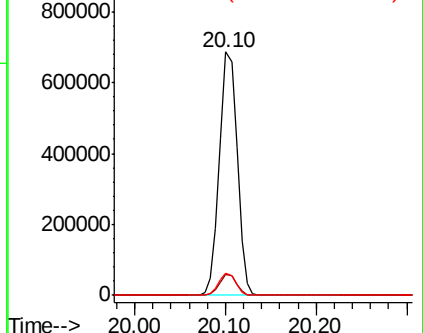
122 9.0 8.4 12.6



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: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040150.D

Acq: 26 Mar 2019 16:56

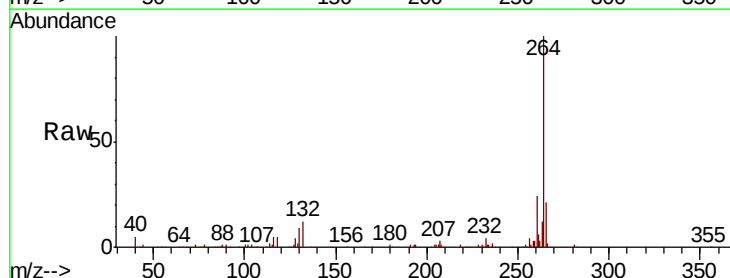
Tgt Ion:264 Resp: 269512

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 20.8 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

