

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032619\
 Data File : BG040151.D
 Acq On : 26 Mar 2019 17:36
 Operator : JU/SJ
 Sample : PB118289TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118289TB

Quant Time: Mar 27 01:23:13 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

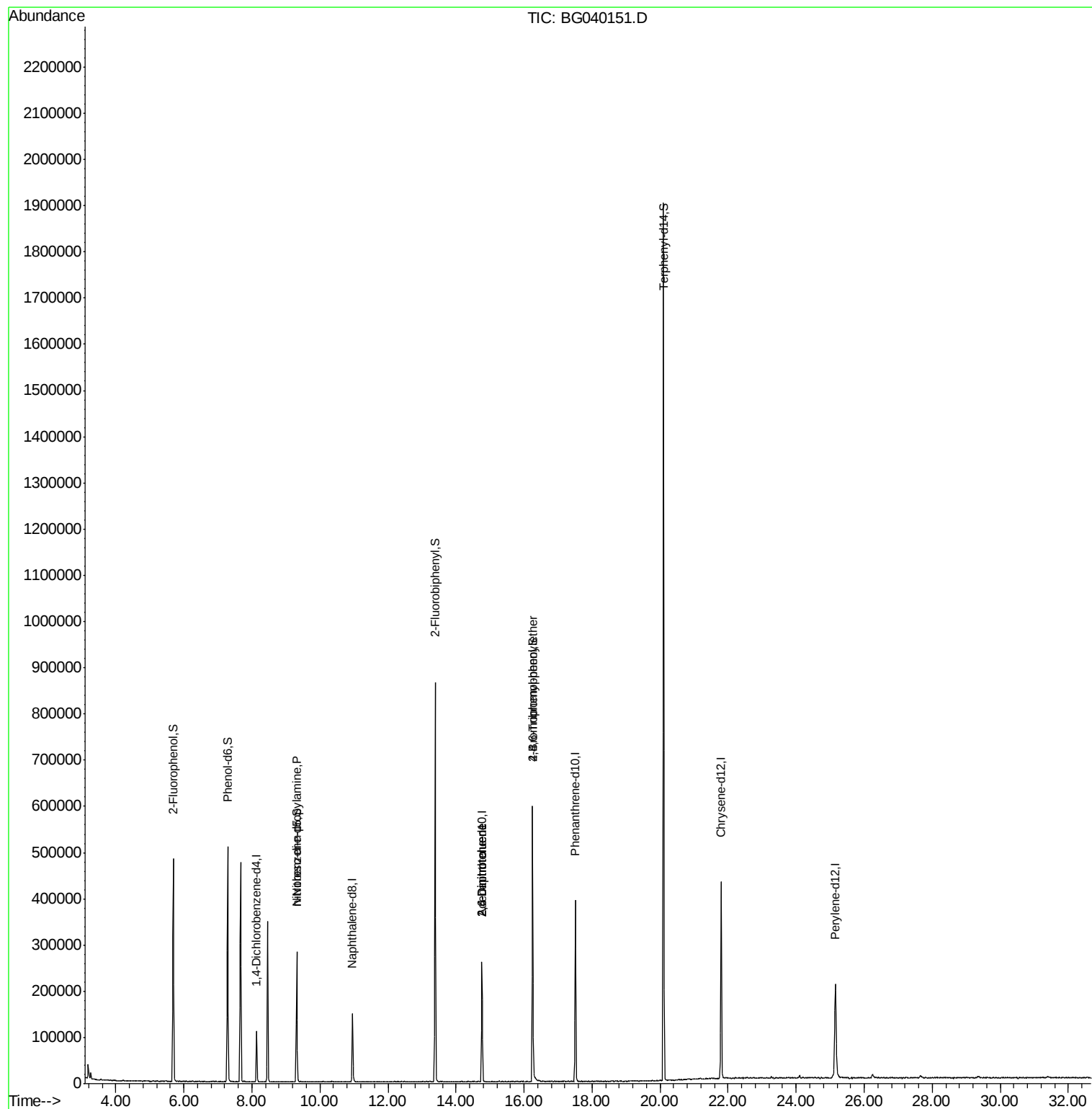
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	30242	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	129174	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	95144	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	259444	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	274022	20.00	ng	-0.03
87) Perylene-d12	25.15	264	261145	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	202496	114.23	ng	-0.02
7) Phenol-d6	7.28	99	291828	110.41	ng	-0.03
23) Nitrobenzene-d5	9.32	82	169585	71.00	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	120728	108.86	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	469610	70.28	ng	-0.03
79) Terphenyl-d14	20.10	244	882193	70.89	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.32	70	21355	11.225	ng	# 68
51) 2,6-Dinitrotoluene	14.76	165	11802	6.998	ng	# 24
57) 2,4-Dinitrotoluene	14.76	165	11802	4.980	ng	# 19
67) 4-Bromophenyl-phenylether	16.25	248	8792	3.027	ng	# 1

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

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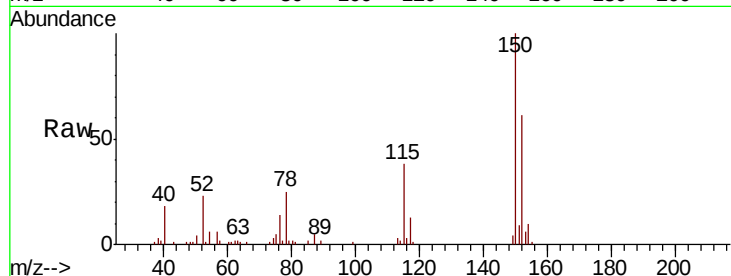


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: BG040151.D
Acq: 26 Mar 2019 17:36

Instrument :
BNA_G
ClientSampleId :
PB118289TB

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.0	123.7	185.5
115	62.1	45.9	68.9

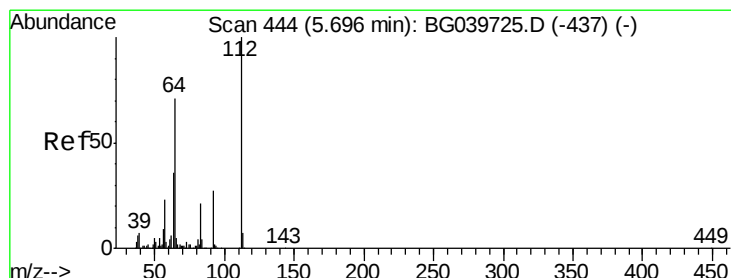
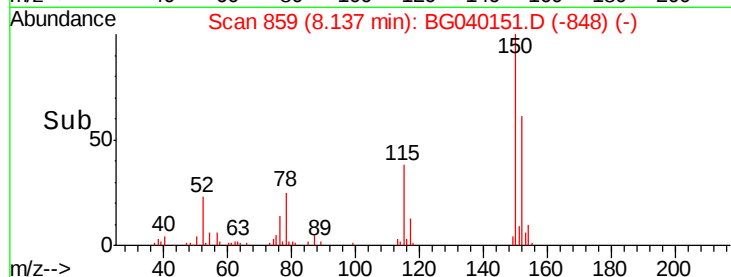
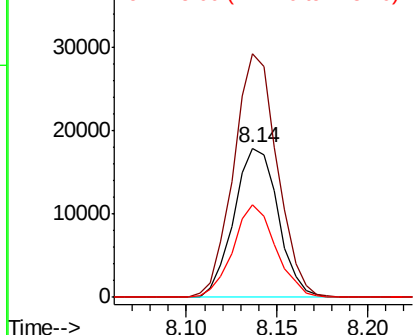


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

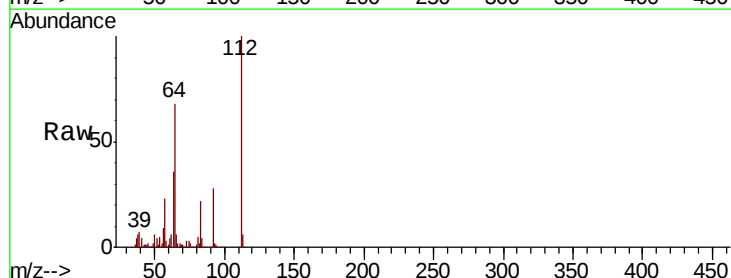
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.232 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040151.D
Acq: 26 Mar 2019 17:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	57.8	86.8
63	35.7	29.8	44.6

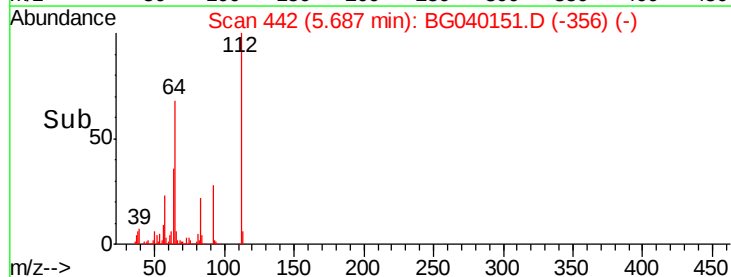
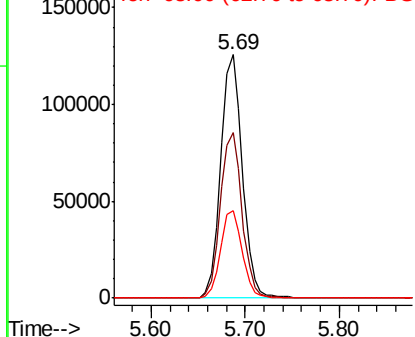


Abundance

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: 110.409 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040151.D

Acq: 26 Mar 2019 17:36

Instrument :

BNA_G

ClientSampleId :

PB118289TB

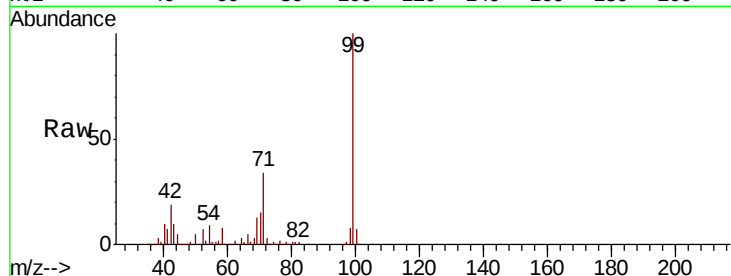
Tgt Ion: 99 Resp: 291828

Ion Ratio Lower Upper

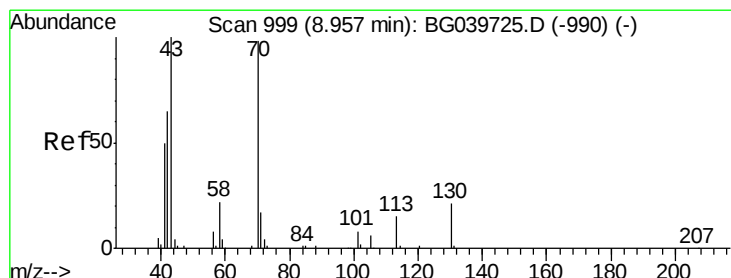
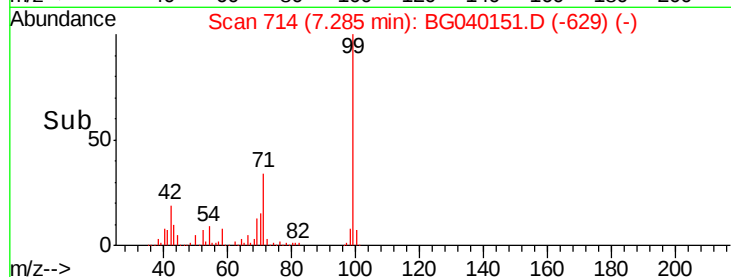
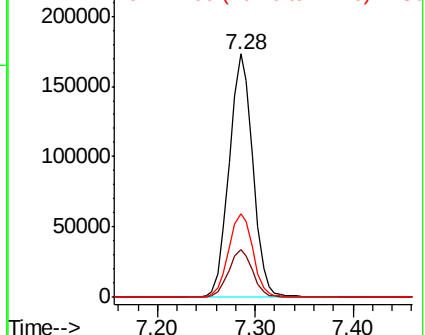
99 100

42 19.5 18.2 27.2

71 34.3 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: 11.225 ng

RT: 9.32 min Scan# 1060

Delta R.T. 0.35 min

Lab File: BG040151.D

Acq: 26 Mar 2019 17:36

Tgt Ion: 70 Resp: 21355

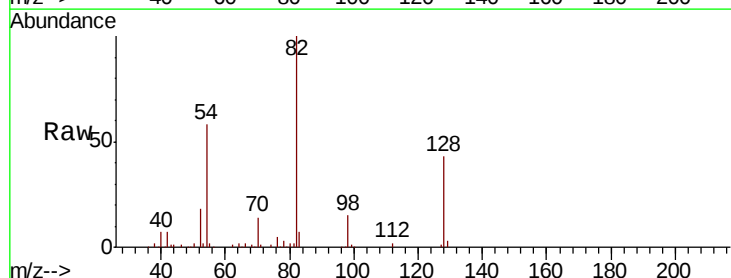
Ion Ratio Lower Upper

70 100

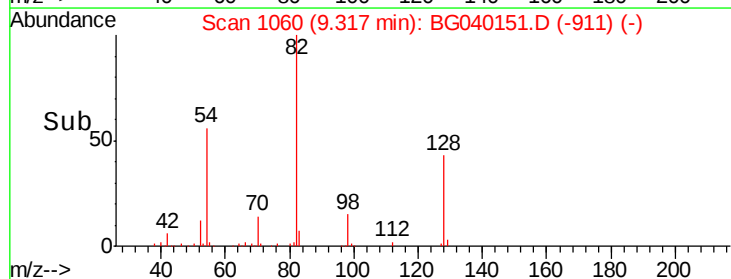
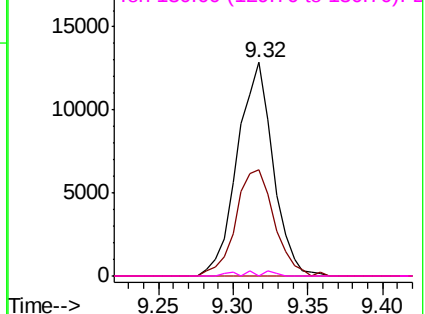
42 50.0 60.4 90.6#

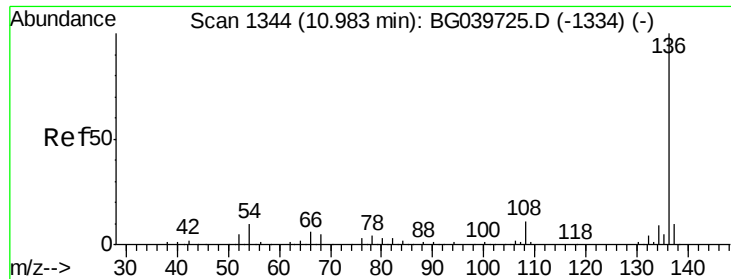
101 0.0 7.5 11.3#

130 0.0 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

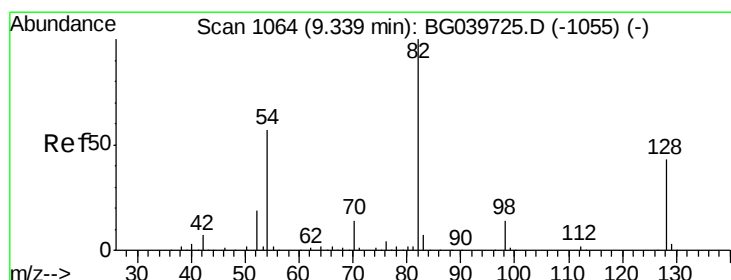
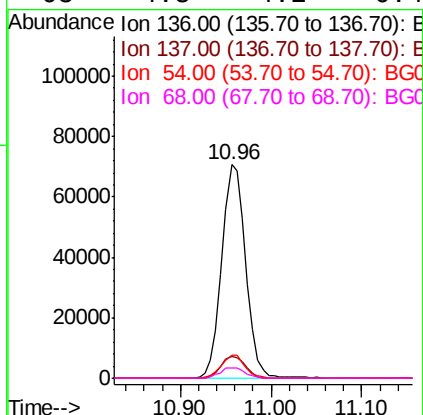
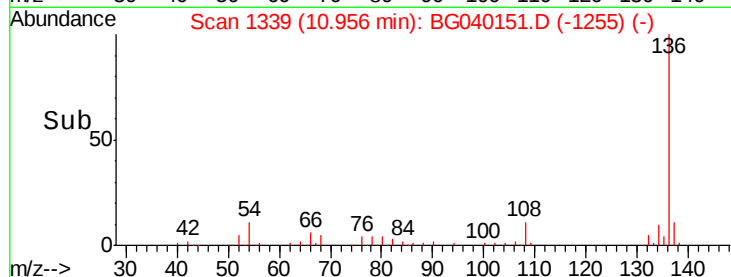
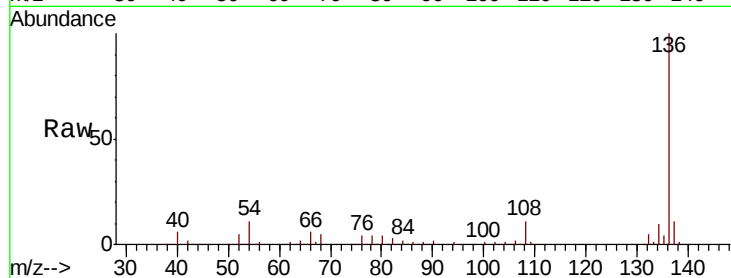




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040151.D
Acq: 26 Mar 2019 17:36

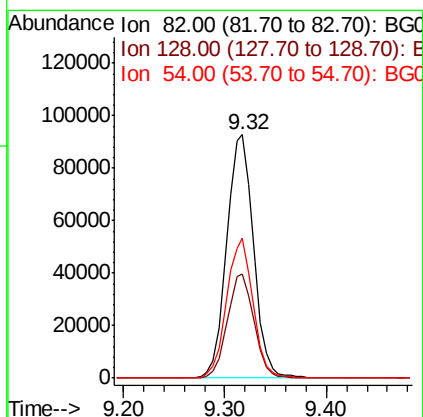
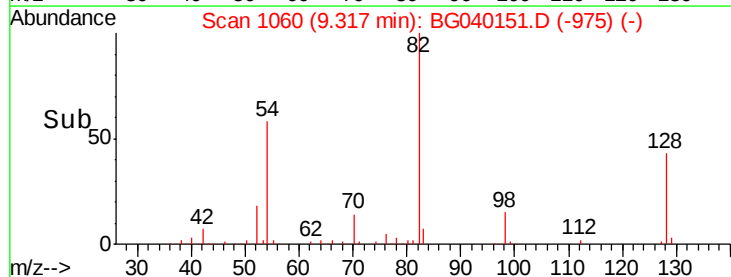
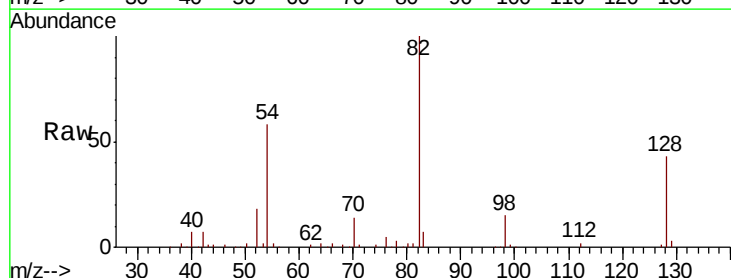
Instrument :
BNA_G
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Tgt Ion:	136	Resp:	129174
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	10.6	9.4	14.2
68	4.8	4.2	6.4



#23
Nitrobenzene-d5
Concen: 71.004 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040151.D
Acq: 26 Mar 2019 17:36

Tgt Ion:	82	Resp:	169585
Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	57.7	50.9	76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040151.D

Acq: 26 Mar 2019 17:36

Instrument :

BNA_G

ClientSampleId :

PB118289TB

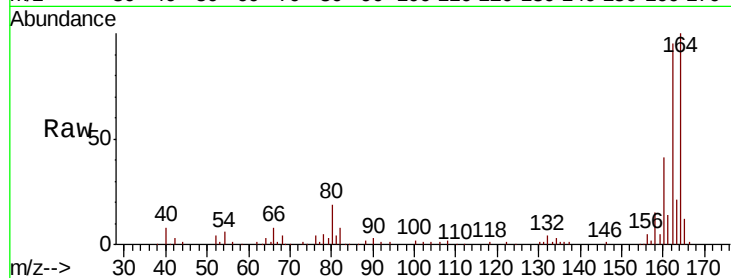
Tgt Ion:164 Resp: 95144

Ion Ratio Lower Upper

164 100

162 94.9 81.6 122.4

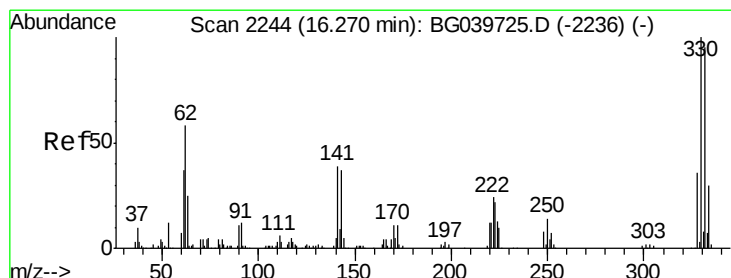
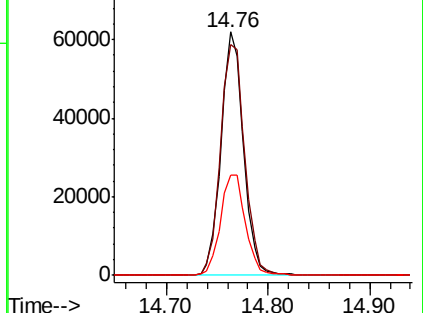
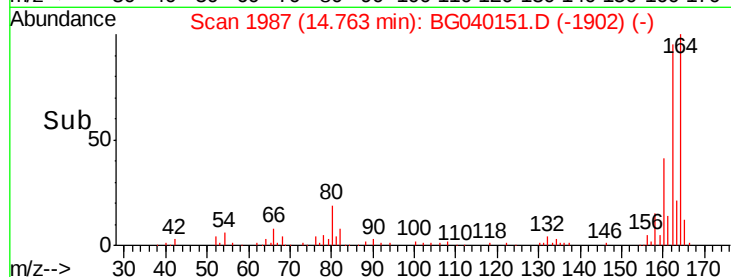
160 41.3 34.2 51.2



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: 108.865 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040151.D

Acq: 26 Mar 2019 17:36

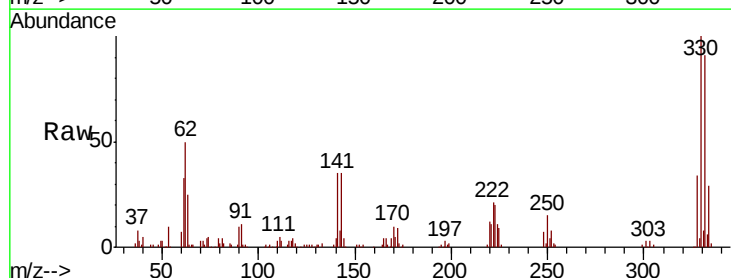
Tgt Ion:330 Resp: 120728

Ion Ratio Lower Upper

330 100

332 94.6 75.7 113.5

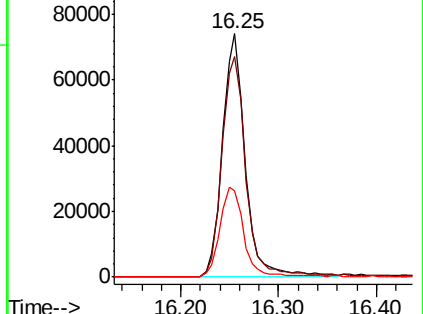
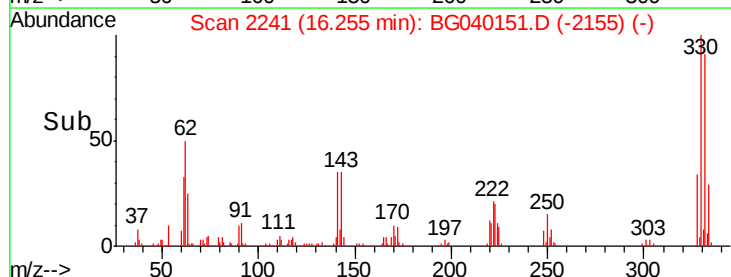
141 38.9 35.6 53.4



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

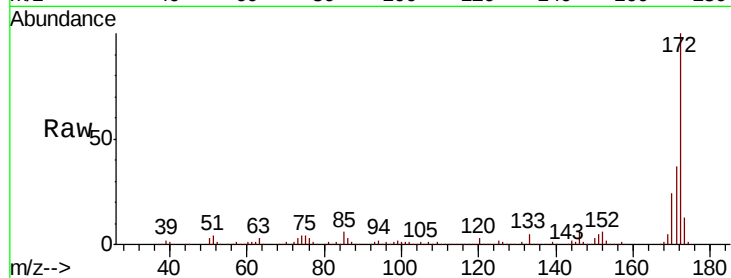




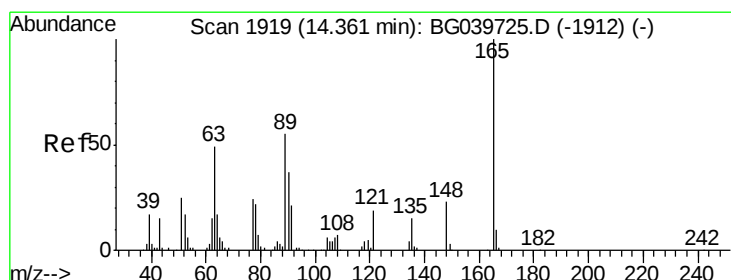
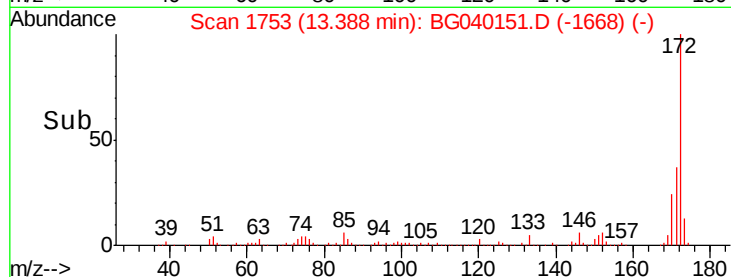
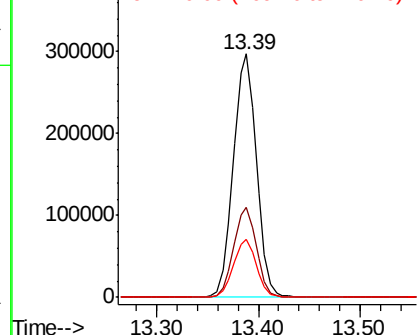
#45
 2-Fluorobiphenyl
 Concen: 70.277 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040151.D
 Acq: 26 Mar 2019 17:36

Instrument :
 BNA_G
 ClientSampleId :
 PB118289TB

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	24.1	20.2	30.4

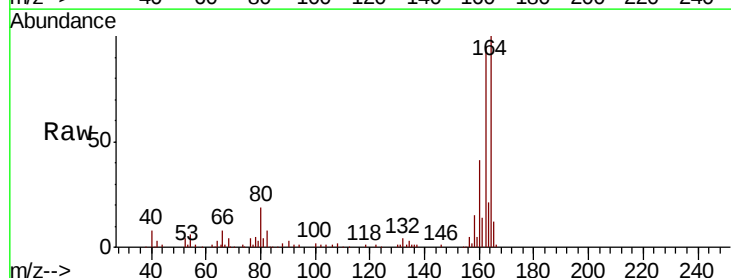


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

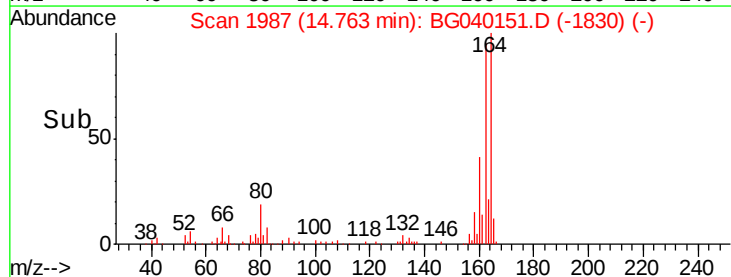
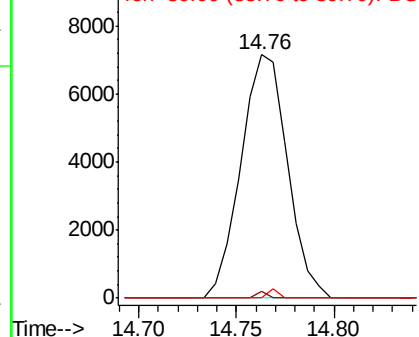


#51
 2,6-Dinitrotoluene
 Concen: 6.998 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.40 min
 Lab File: BG040151.D
 Acq: 26 Mar 2019 17:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.9	47.0	70.6#
89	0.0	45.8	68.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

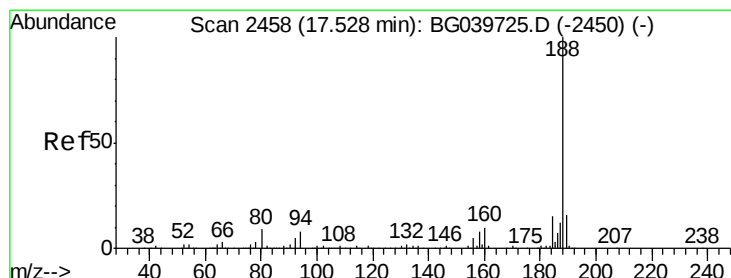
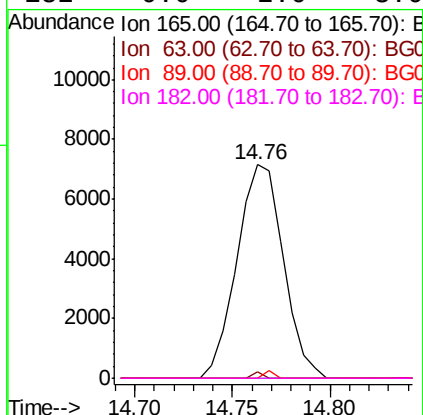
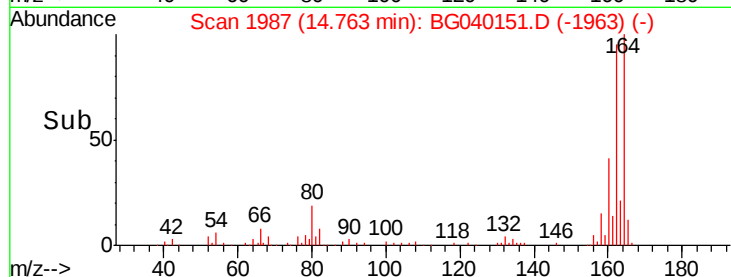
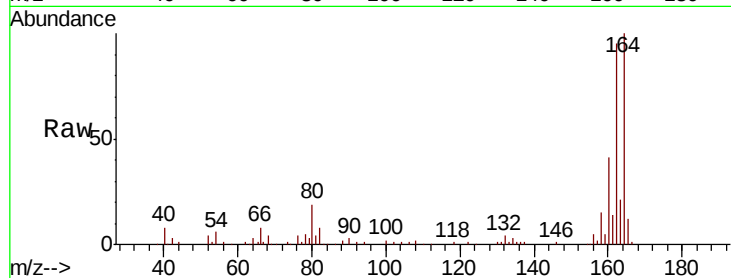




#57
 2,4-Dinitrotoluene
 Concen: 4.980 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.39 min
 Lab File: BG040151.D
 Acq: 26 Mar 2019 17:36

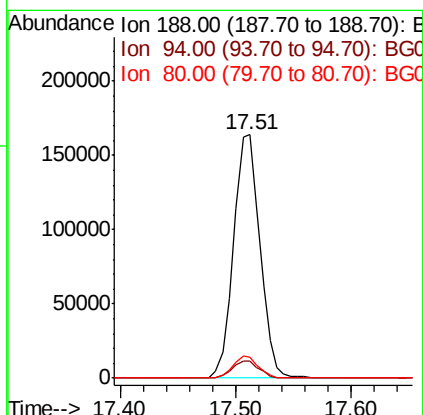
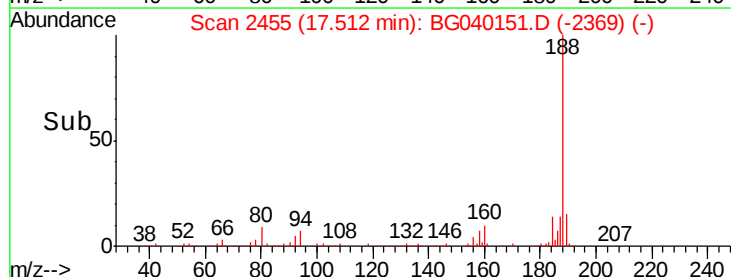
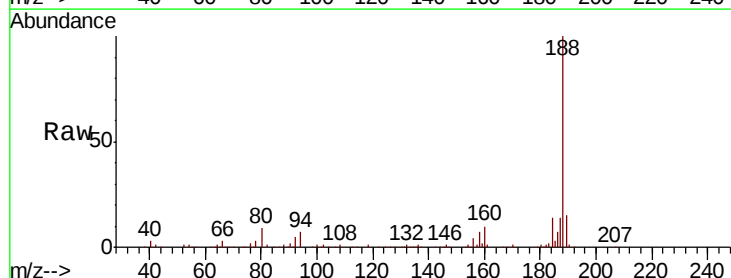
Instrument :
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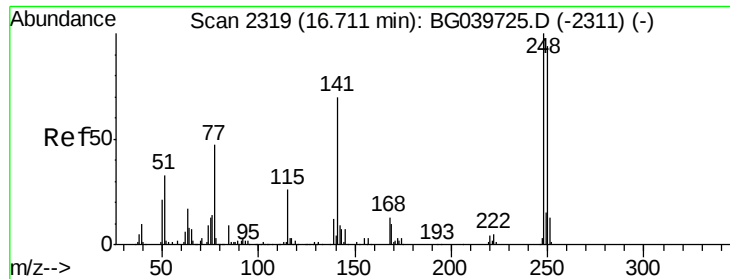
Tgt Ion:	165	Resp:	11802
Ion	Ratio	Lower	Upper
165	100		
63	2.9	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040151.D
 Acq: 26 Mar 2019 17:36

Tgt Ion:	188	Resp:	259444
Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	8.5	8.1	12.1

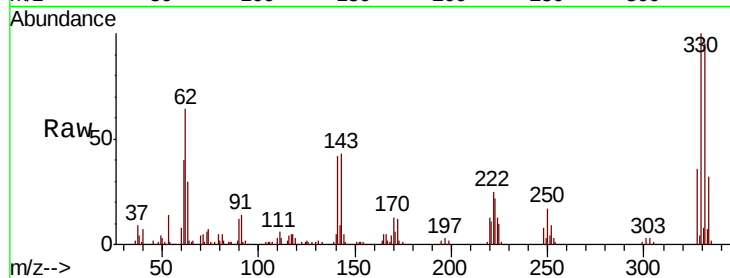




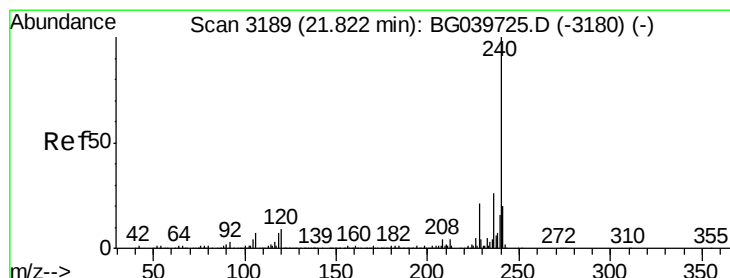
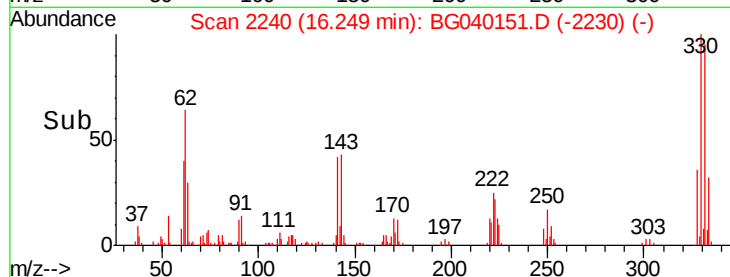
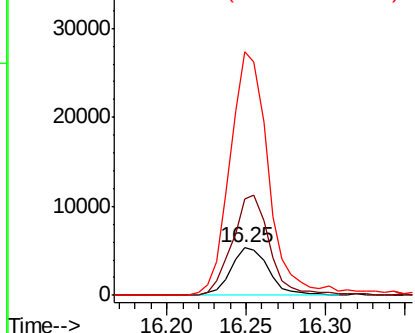
#67
4-Bromophenyl-phenylether
Concen: 3.027 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.47 min
Lab File: BG040151.D
Acq: 26 Mar 2019 17:36

Instrument :
BNA_G
ClientSampleId :
PB118289TB

Tgt Ion:248 Resp: 8792
Ion Ratio Lower Upper
248 100
250 204.0 77.6 116.4#
141 515.2 63.9 95.9#

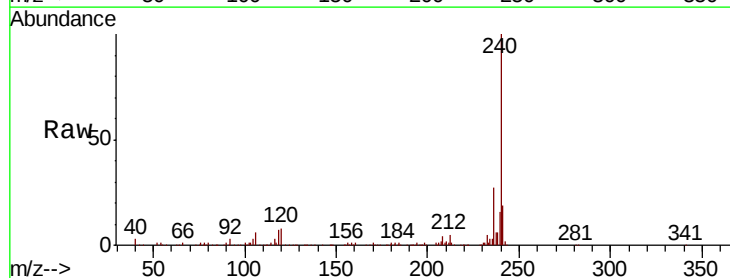


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

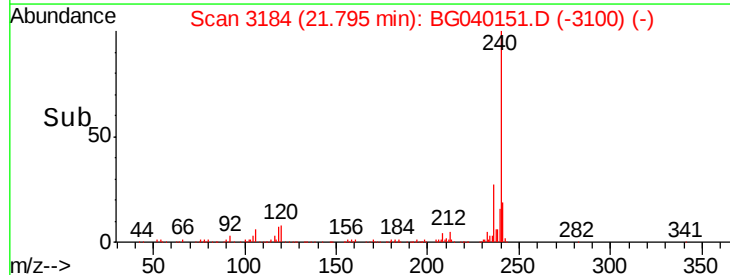
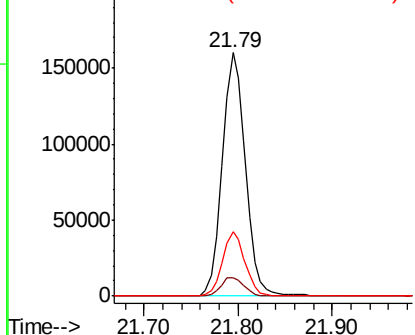


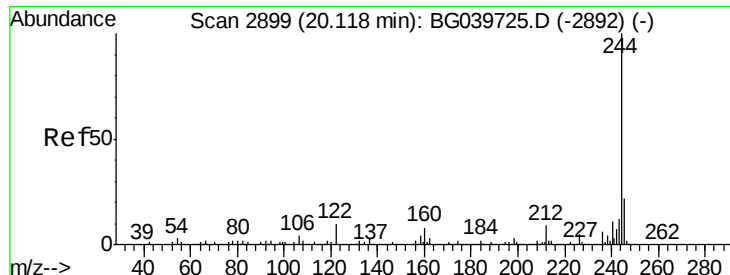
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040151.D
Acq: 26 Mar 2019 17:36

Tgt Ion:240 Resp: 274022
Ion Ratio Lower Upper
240 100
120 7.6 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: 70.885 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040151.D

Acq: 26 Mar 2019 17:36

Instrument :

BNA_G

ClientSampleId :

PB118289TB

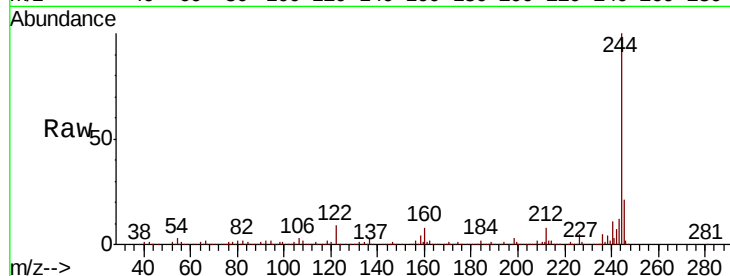
Tgt Ion:244 Resp: 882193

Ion Ratio Lower Upper

244 100

212 8.5 7.3 10.9

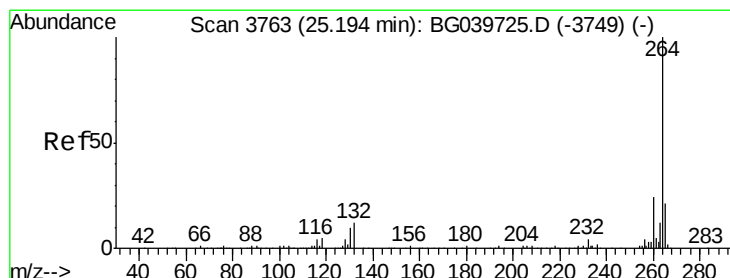
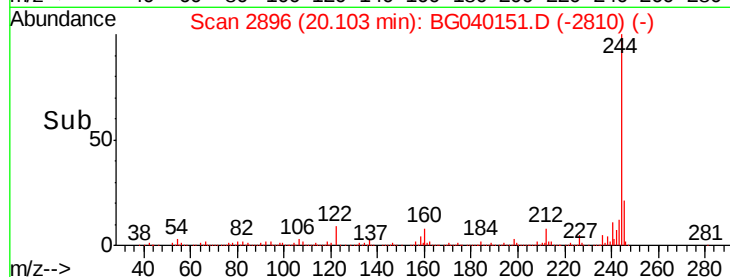
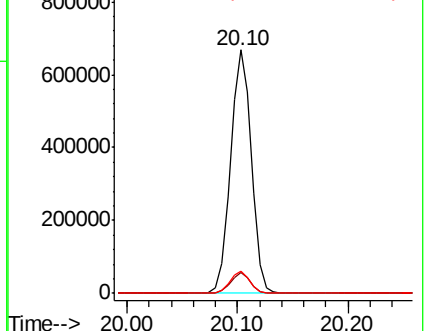
122 9.2 8.4 12.6



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: BG040151.D

Acq: 26 Mar 2019 17:36

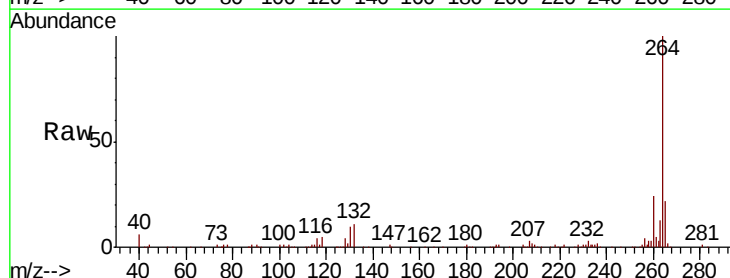
Tgt Ion:264 Resp: 261145

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 22.4 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

