

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032519\
 Data File : BG040144.D
 Acq On : 26 Mar 2019 10:12
 Operator : JU/SJ
 Sample : K2059-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 26 14:17:07 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

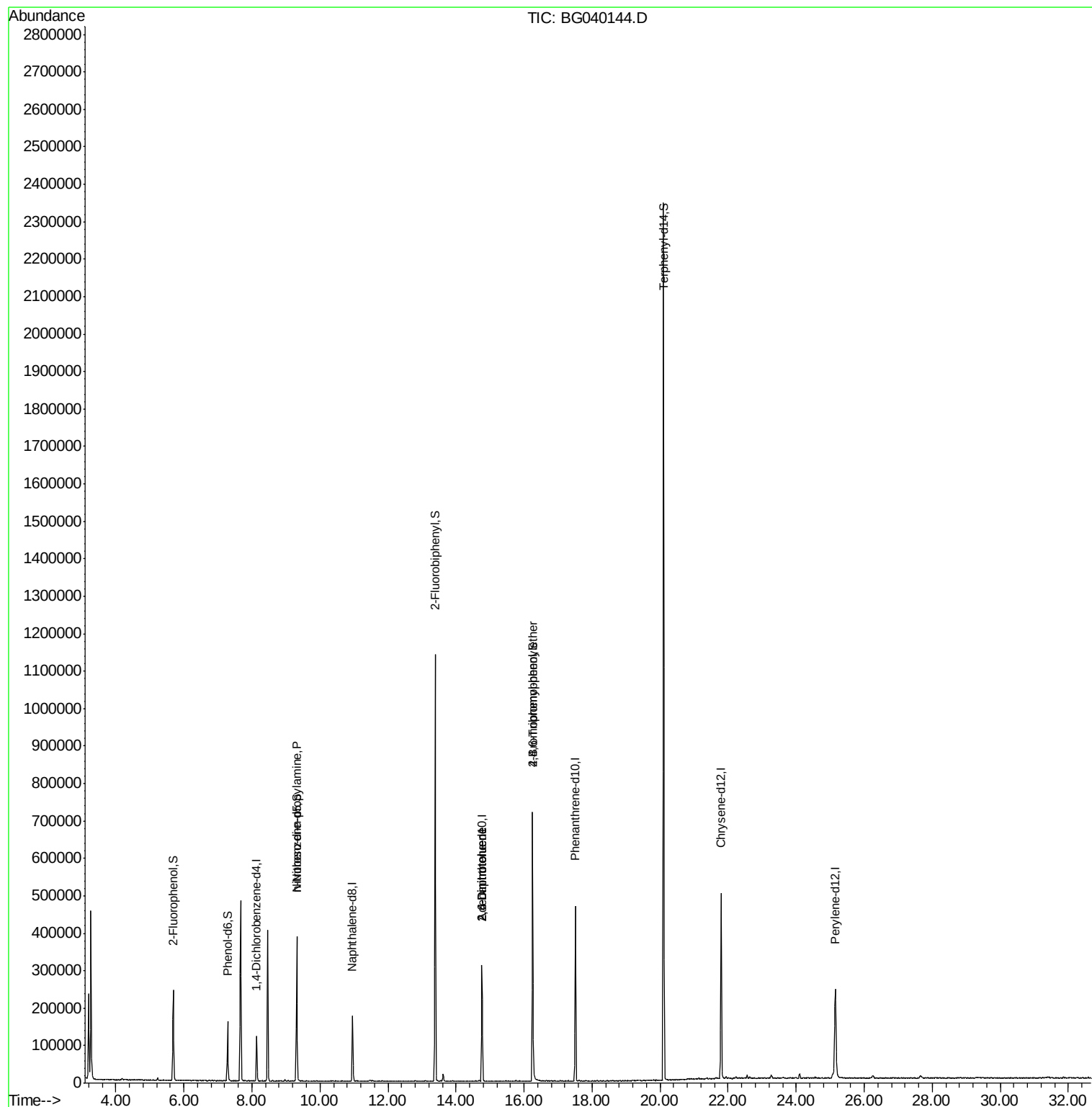
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	34315	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	149456	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	112309	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	294258	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	302107	20.00	ng	-0.03
87) Perylene-d12	25.15	264	293137	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	106300	52.85	ng	-0.02
7) Phenol-d6	7.28	99	94976	31.67	ng	-0.03
23) Nitrobenzene-d5	9.32	82	224855	81.37	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	141928	108.42	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	606846	76.93	ng	-0.03
79) Terphenyl-d14	20.10	244	1096633	79.92	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.32	70	29845	13.825	ng	# 64
51) 2,6-Dinitrotoluene	14.76	165	15047	7.558	ng	# 22
57) 2,4-Dinitrotoluene	14.76	165	15047	5.379	ng	# 17
67) 4-Bromophenyl-phenylether	16.25	248	10791	3.276	ng	# 1

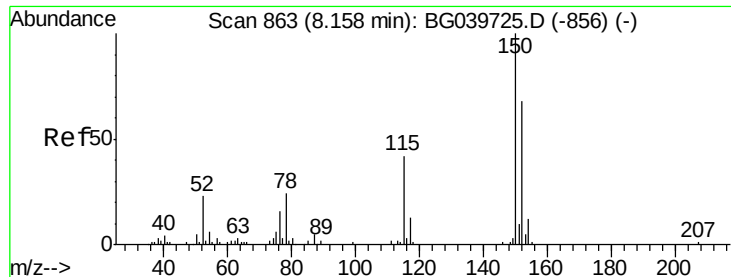
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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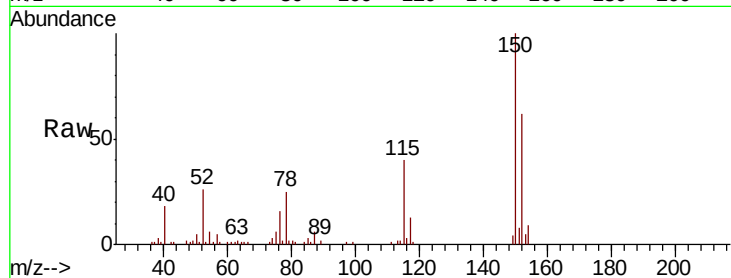


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: BG040144.D
Acq: 26 Mar 2019 10:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	123.7	185.5
115	63.7	45.9	68.9

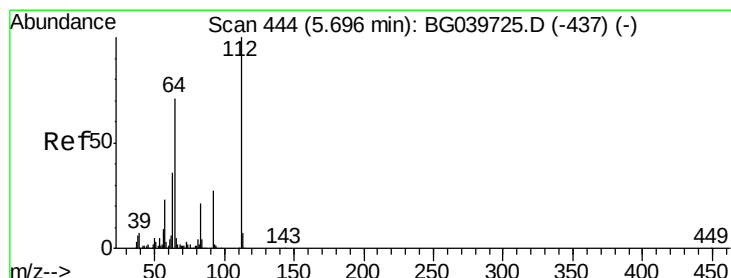
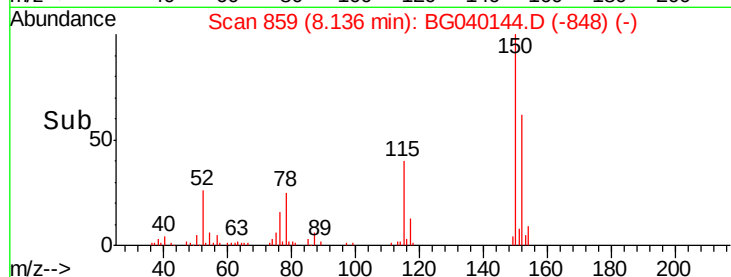
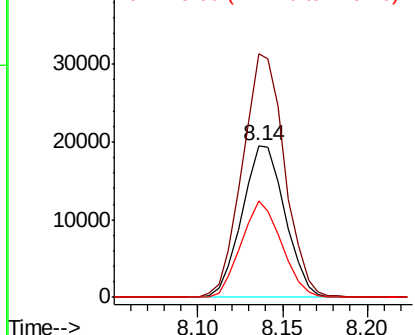


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

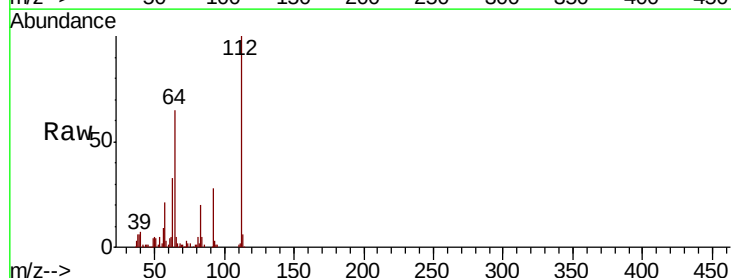
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 52.848 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040144.D
Acq: 26 Mar 2019 10:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	57.8	86.8
63	33.3	29.8	44.6

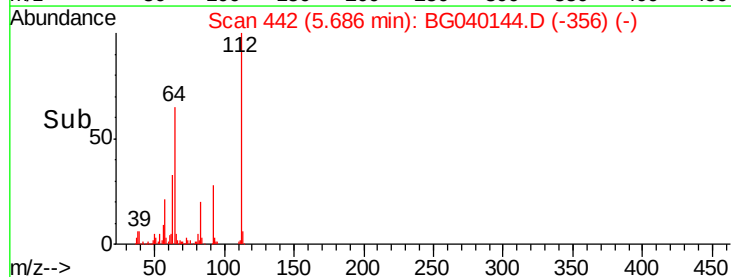
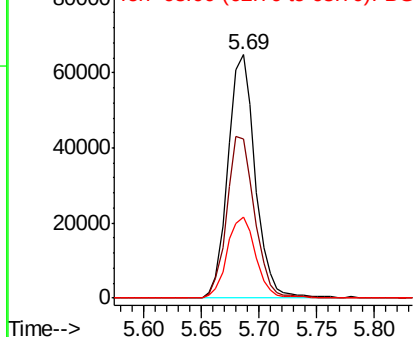


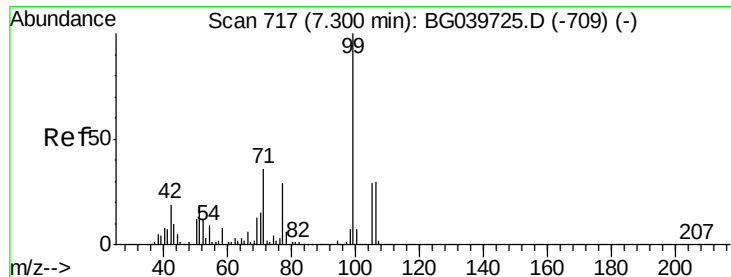
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 31.668 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040144.D

Acq: 26 Mar 2019 10:12

Instrument :

BNA_G

ClientSampleId :

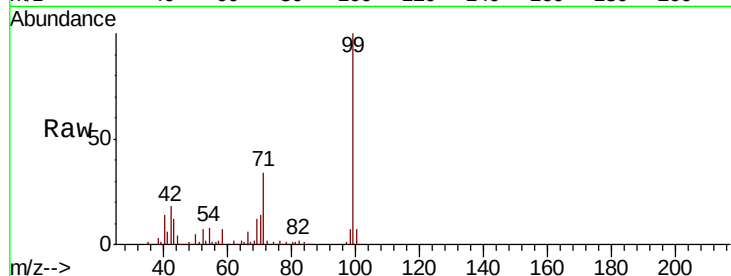
Tot Ion: 99 Resp: 94976

Ion Ratio Lower Upper

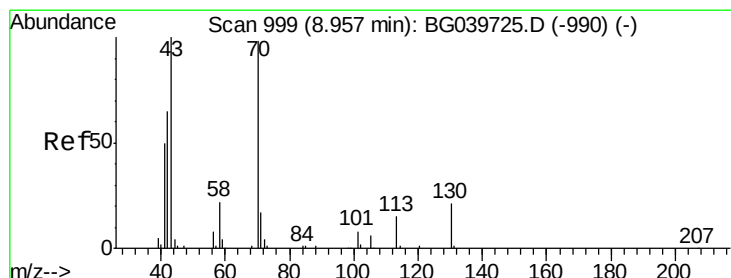
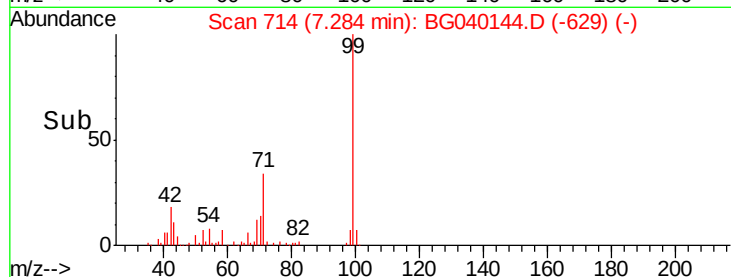
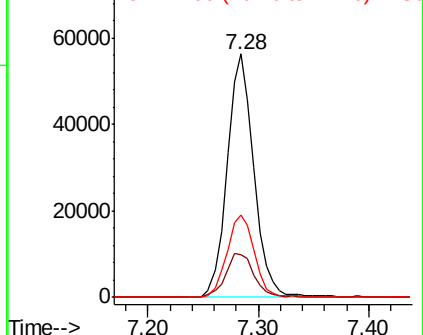
99 100

42 17.7 18.2 27.2#

71 33.6 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: 13.825 ng

RT: 9.32 min Scan# 1060

Delta R.T. 0.35 min

Lab File: BG040144.D

Acq: 26 Mar 2019 10:12

Tgt Ion: 70 Resp: 29845

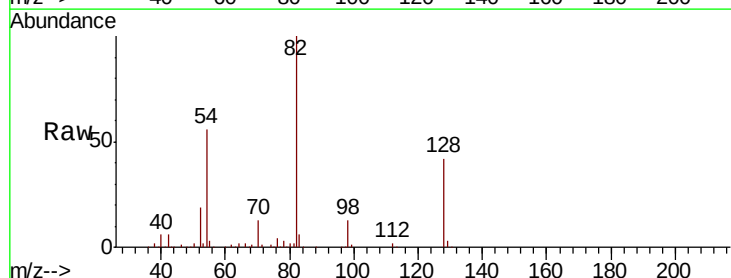
Ion Ratio Lower Upper

70 100

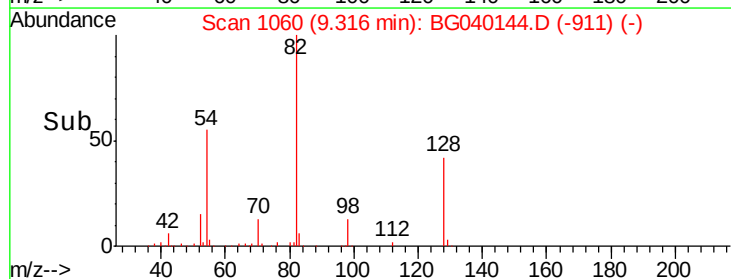
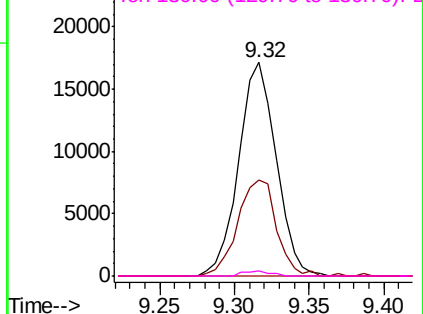
42 44.8 60.4 90.6#

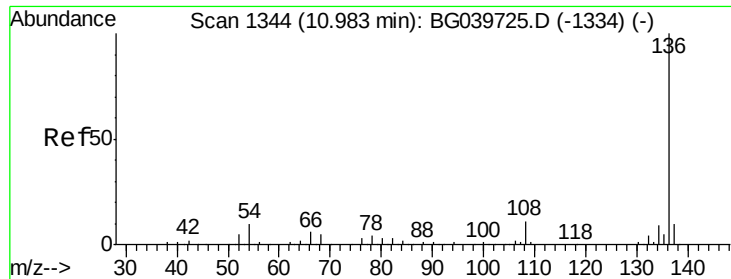
101 0.0 7.5 11.3#

130 2.3 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

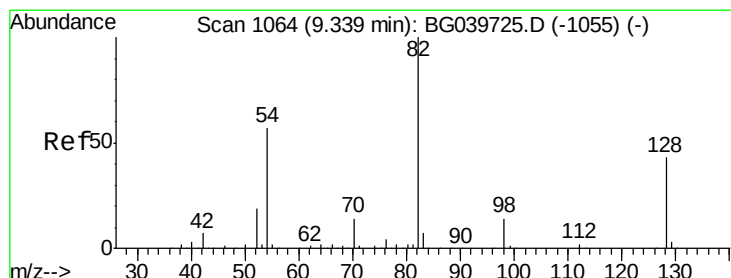
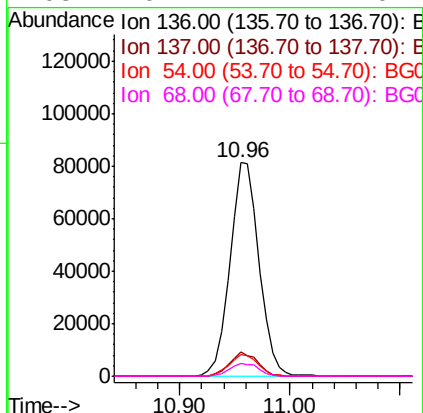
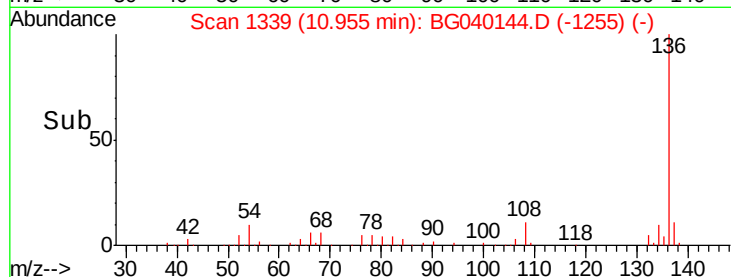
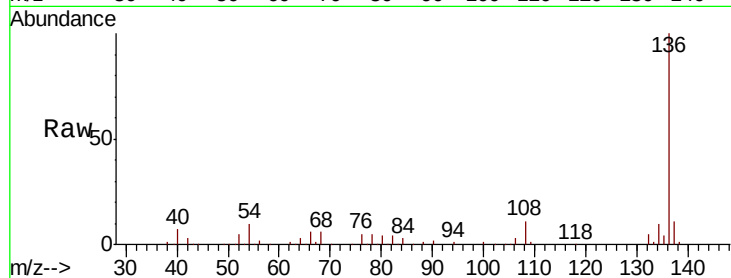




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040144.D
Acq: 26 Mar 2019 10:12

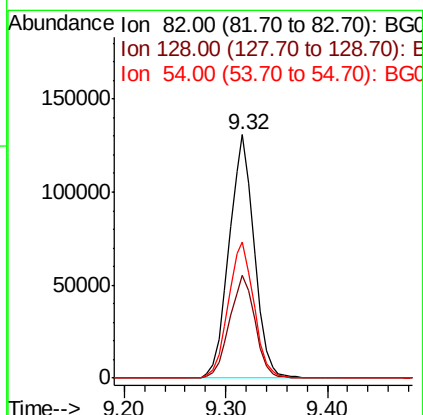
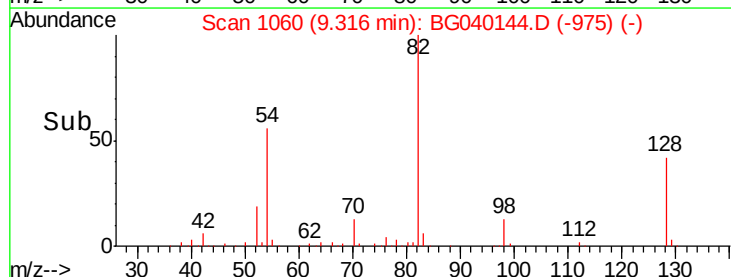
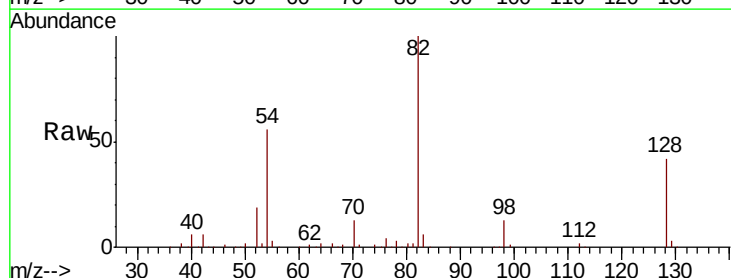
Instrument :
BNA_G
ClientSampleId :

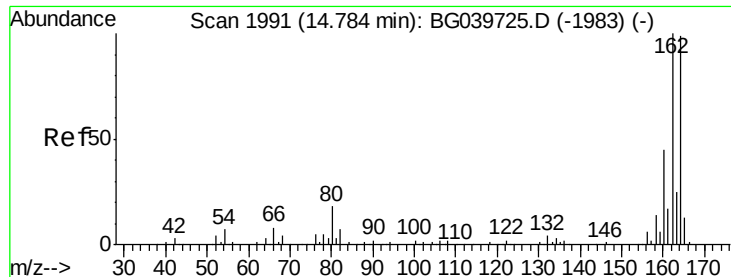
Tot Ion:136	Resp:	149456
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.1 13.7
54	10.3	9.4 14.2
68	6.2	4.2 6.4



#23
Nitrobenzene-d5
Concen: 81.369 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040144.D
Acq: 26 Mar 2019 10:12

Tgt Ion: 82	Resp:	224855
Ion	Ratio	Lower Upper
82	100	
128	42.3	31.3 46.9
54	56.1	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: BG040144.D

Acq: 26 Mar 2019 10:12

Instrument :

BNA_G

ClientSampleId :

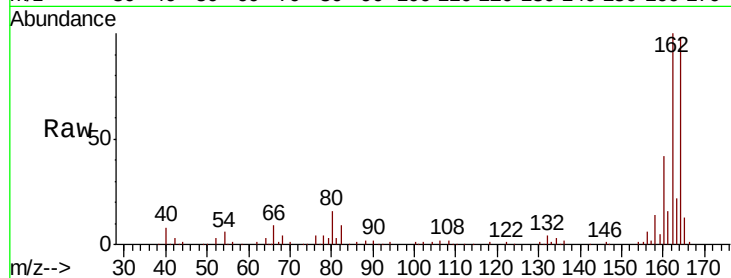
Tot Ion:164 Resp: 112309

Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

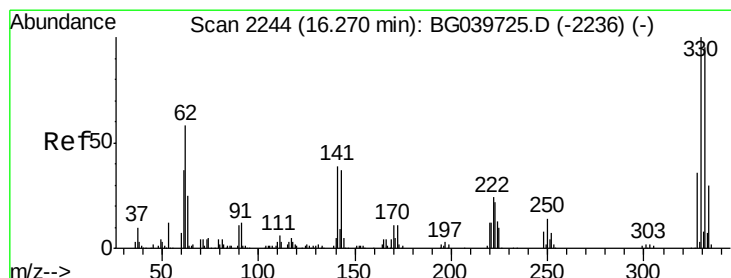
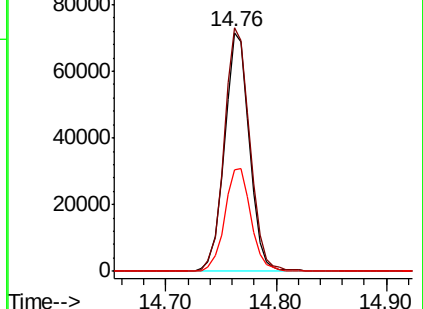
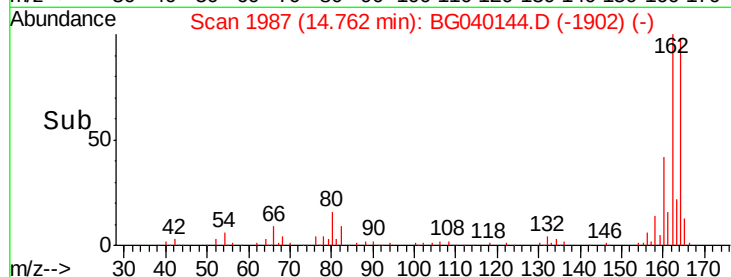
160 42.7 34.2 51.2



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: 108.421 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040144.D

Acq: 26 Mar 2019 10:12

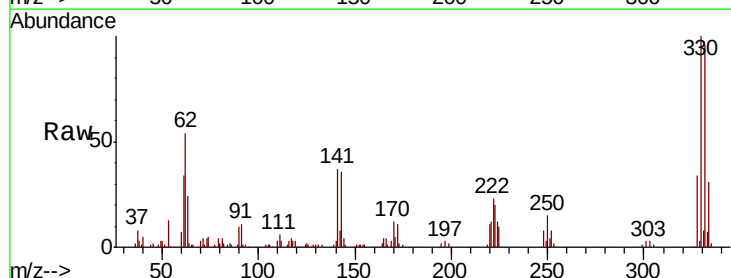
Tgt Ion:330 Resp: 141928

Ion Ratio Lower Upper

330 100

332 93.6 75.7 113.5

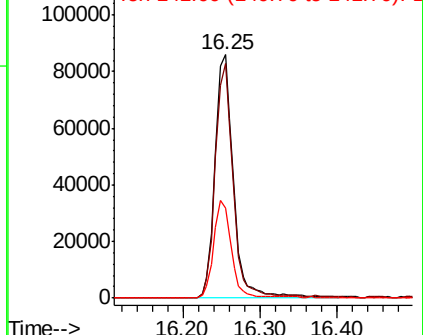
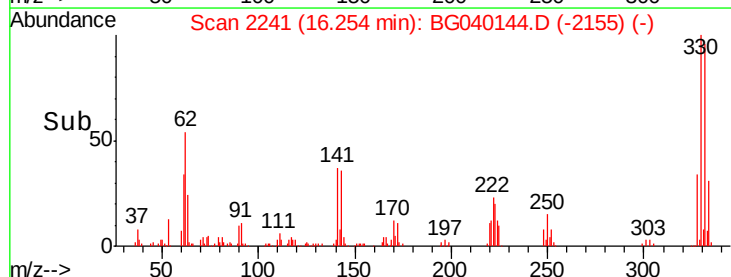
141 38.4 35.6 53.4

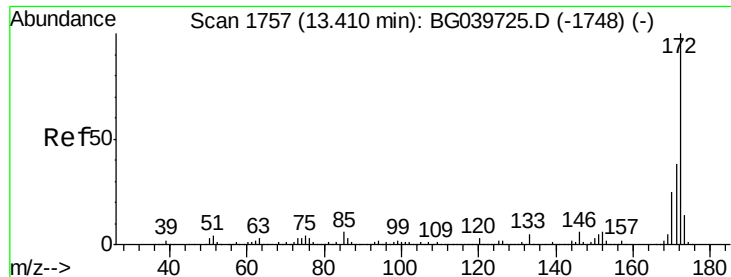


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

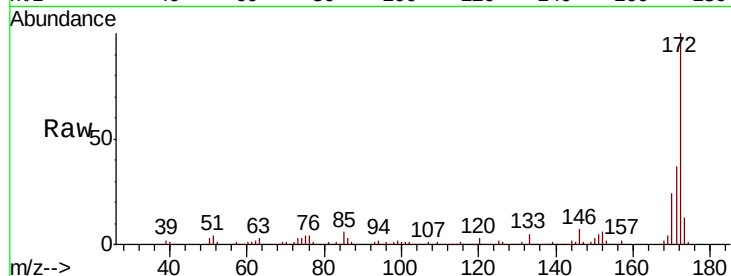




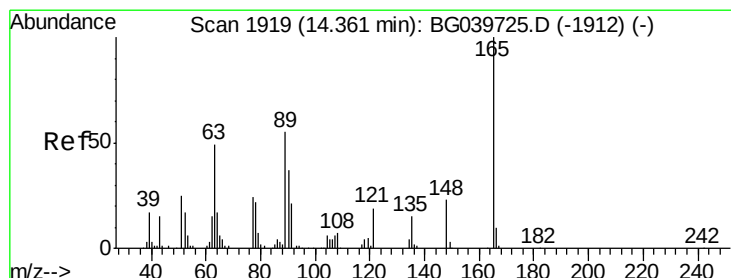
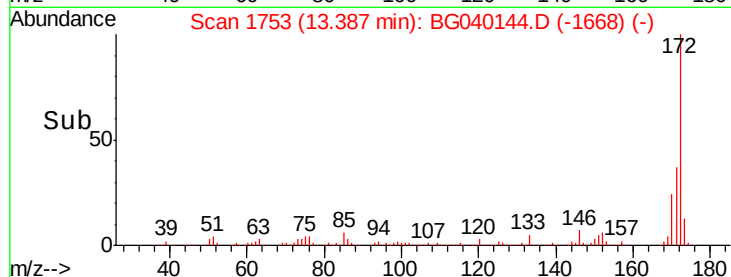
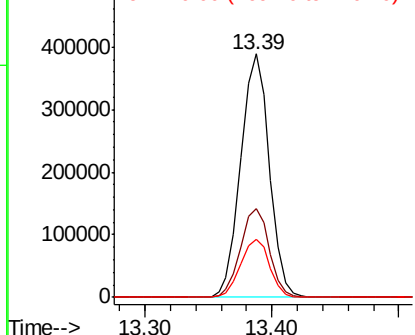
#45
 2-Fluorobiphenyl
 Concen: 76.935 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040144.D
 Acq: 26 Mar 2019 10:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 606846
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.8 46.2
 170 23.7 20.2 30.4

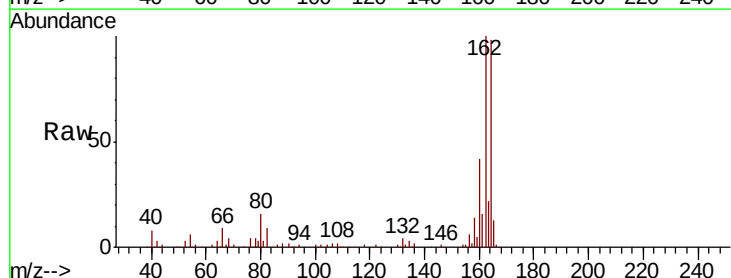


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

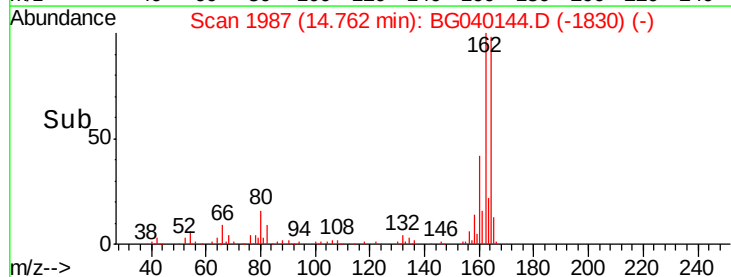
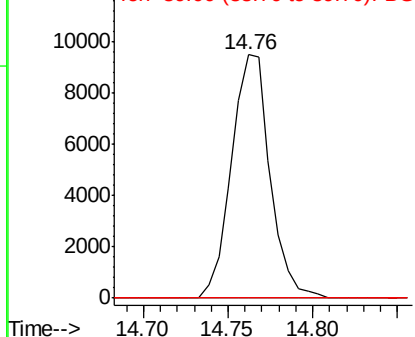


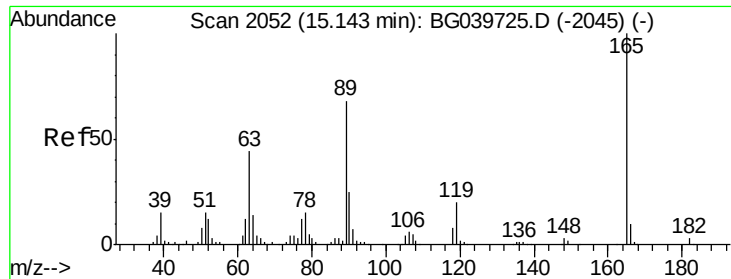
#51
 2,6-Dinitrotoluene
 Concen: 7.558 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.39 min
 Lab File: BG040144.D
 Acq: 26 Mar 2019 10:12

Tgt Ion:165 Resp: 15047
 Ion Ratio Lower Upper
 165 100
 63 0.0 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

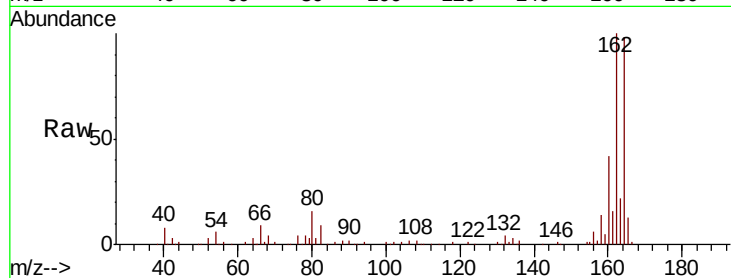




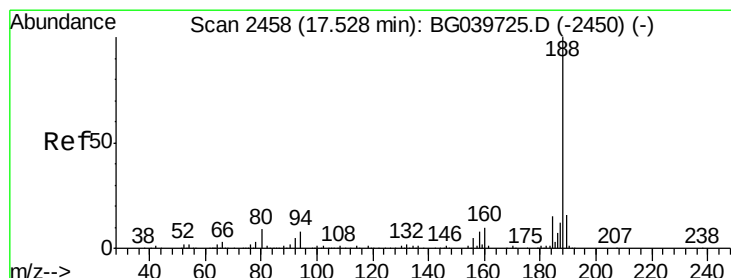
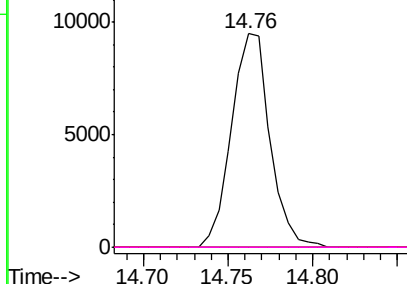
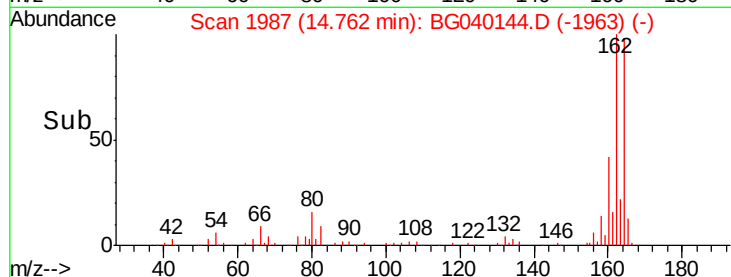
#57
 2,4-Dinitrotoluene
 Concen: 5.379 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.39 min
 Lab File: BG040144.D
 Acq: 26 Mar 2019 10:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	165	Resp:	15047
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#

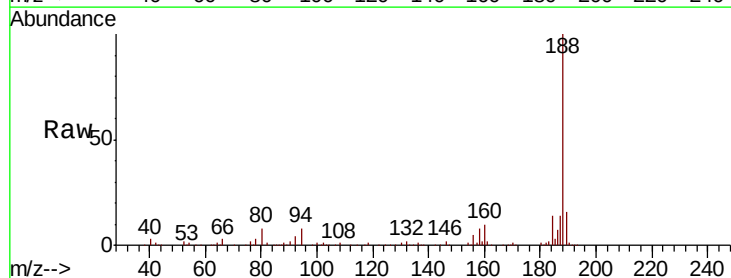


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

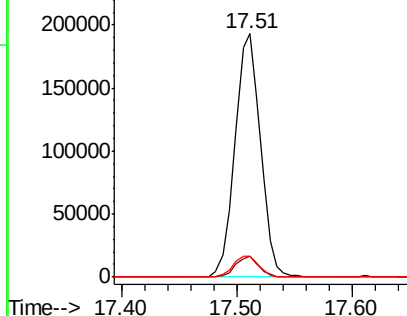
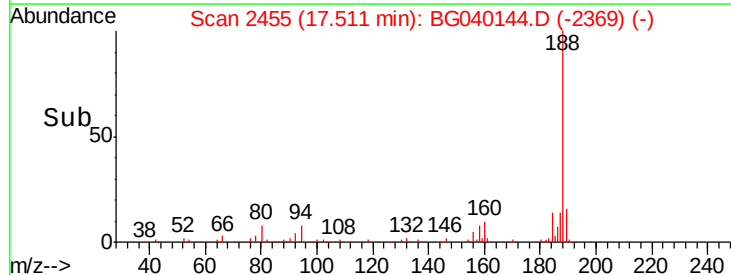


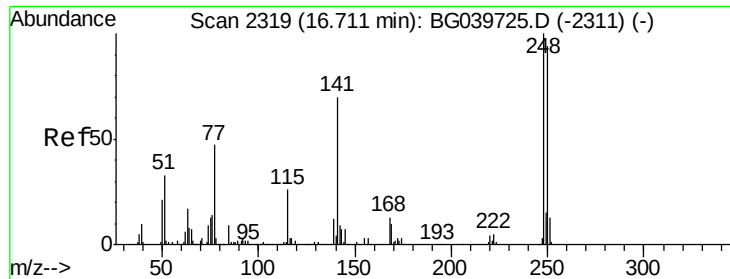
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040144.D
 Acq: 26 Mar 2019 10:12

Tgt Ion:	188	Resp:	294258
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	8.4	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

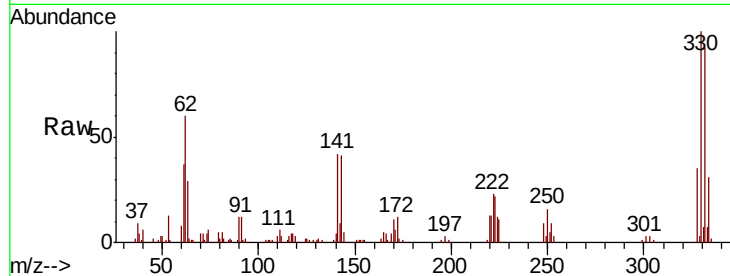




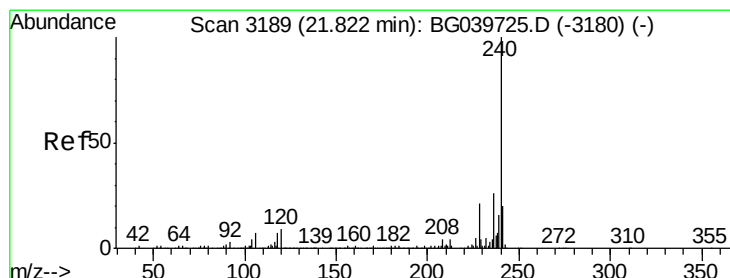
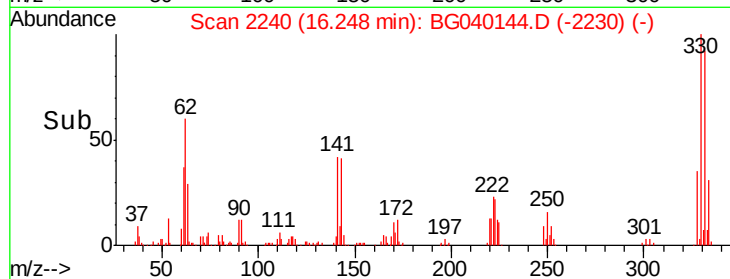
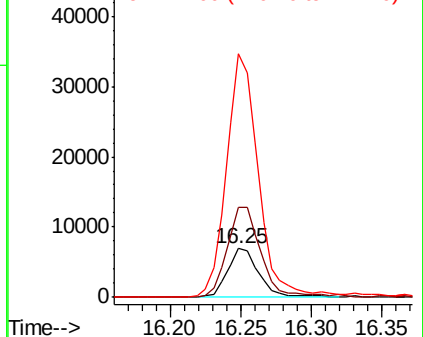
#67
 4-Bromophenyl-phenylether
 Concen: 3.276 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.47 min
 Lab File: BG040144.D
 Acq: 26 Mar 2019 10:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 10791
 Ion Ratio Lower Upper
 248 100
 250 182.9 77.6 116.4#
 141 497.4 63.9 95.9#

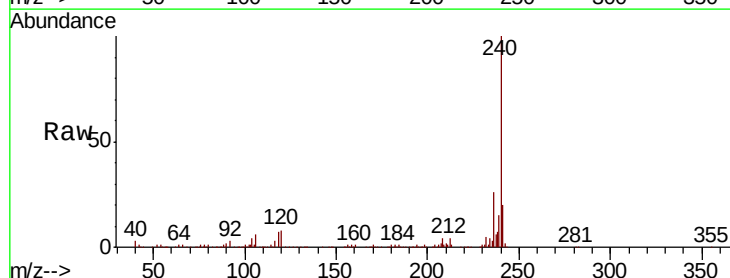


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

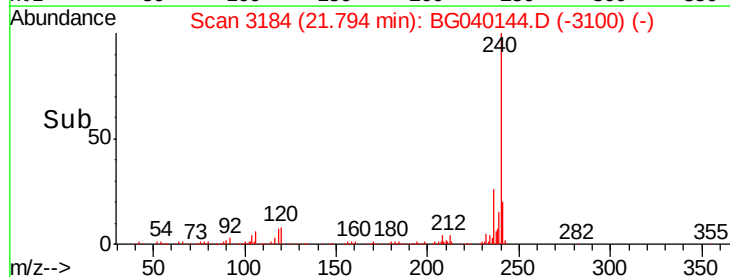
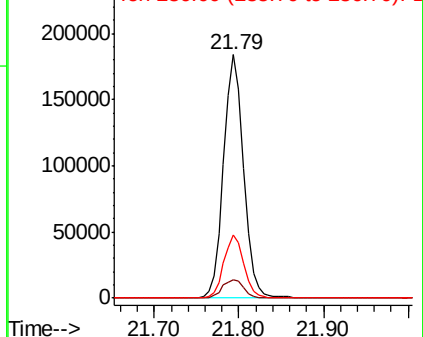


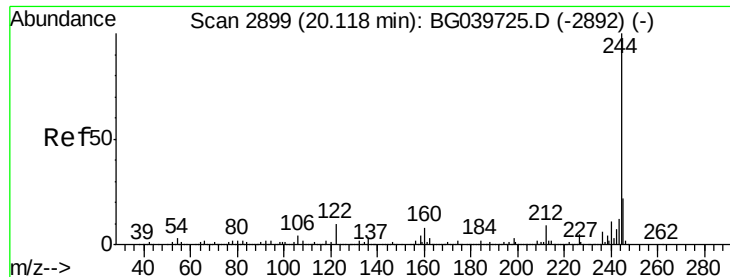
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3184
 Delta R.T. -0.03 min
 Lab File: BG040144.D
 Acq: 26 Mar 2019 10:12

Tgt Ion:240 Resp: 302107
 Ion Ratio Lower Upper
 240 100
 120 7.6 7.0 10.6
 236 25.9 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: 79.924 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040144.D

Acq: 26 Mar 2019 10:12

Instrument :

BNA_G

ClientSampled :

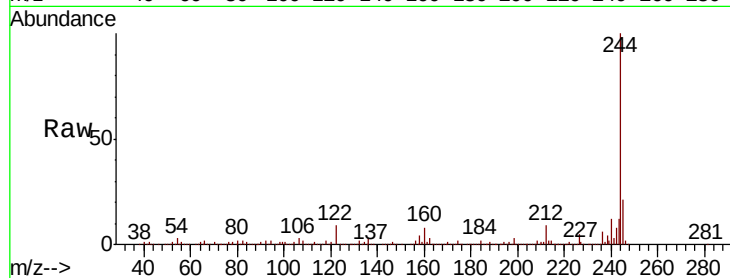
Tot Ion:244 Resp: 1096633

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

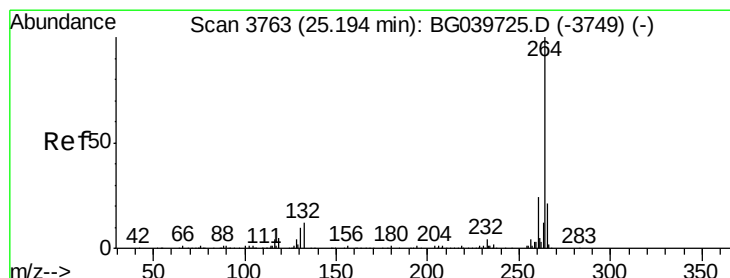
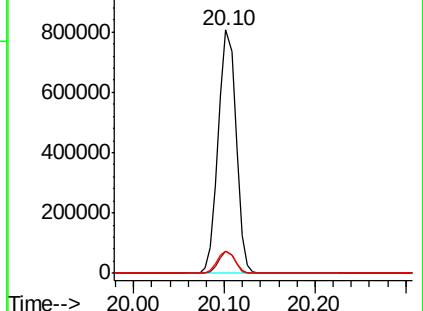
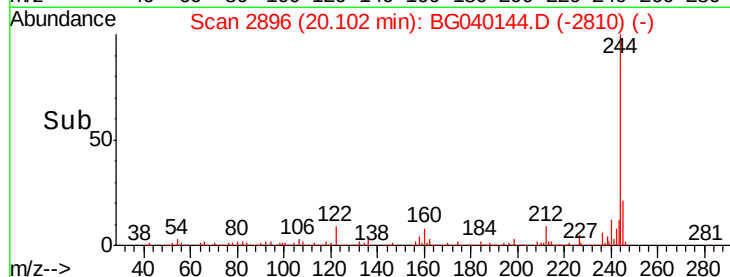
122 9.4 8.4 12.6



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# 3755

Delta R.T. -0.05 min

Lab File: BG040144.D

Acq: 26 Mar 2019 10:12

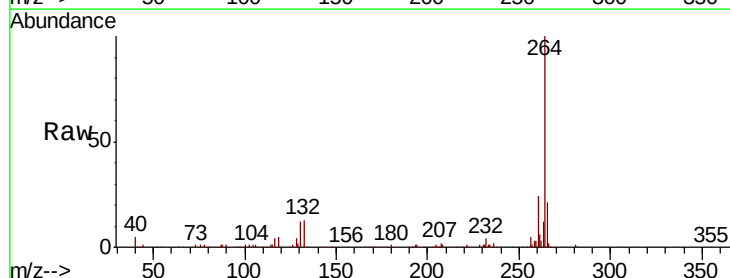
Tgt Ion:264 Resp: 293137

Ion Ratio Lower Upper

264 100

260 24.1 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

