

Data File : BG044636.D
Acq On : 2 Mar 2020 17:10
Operator : CG/JU
Sample : L1740-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GP-06-022720

Quant Time: Mar 03 06:14:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

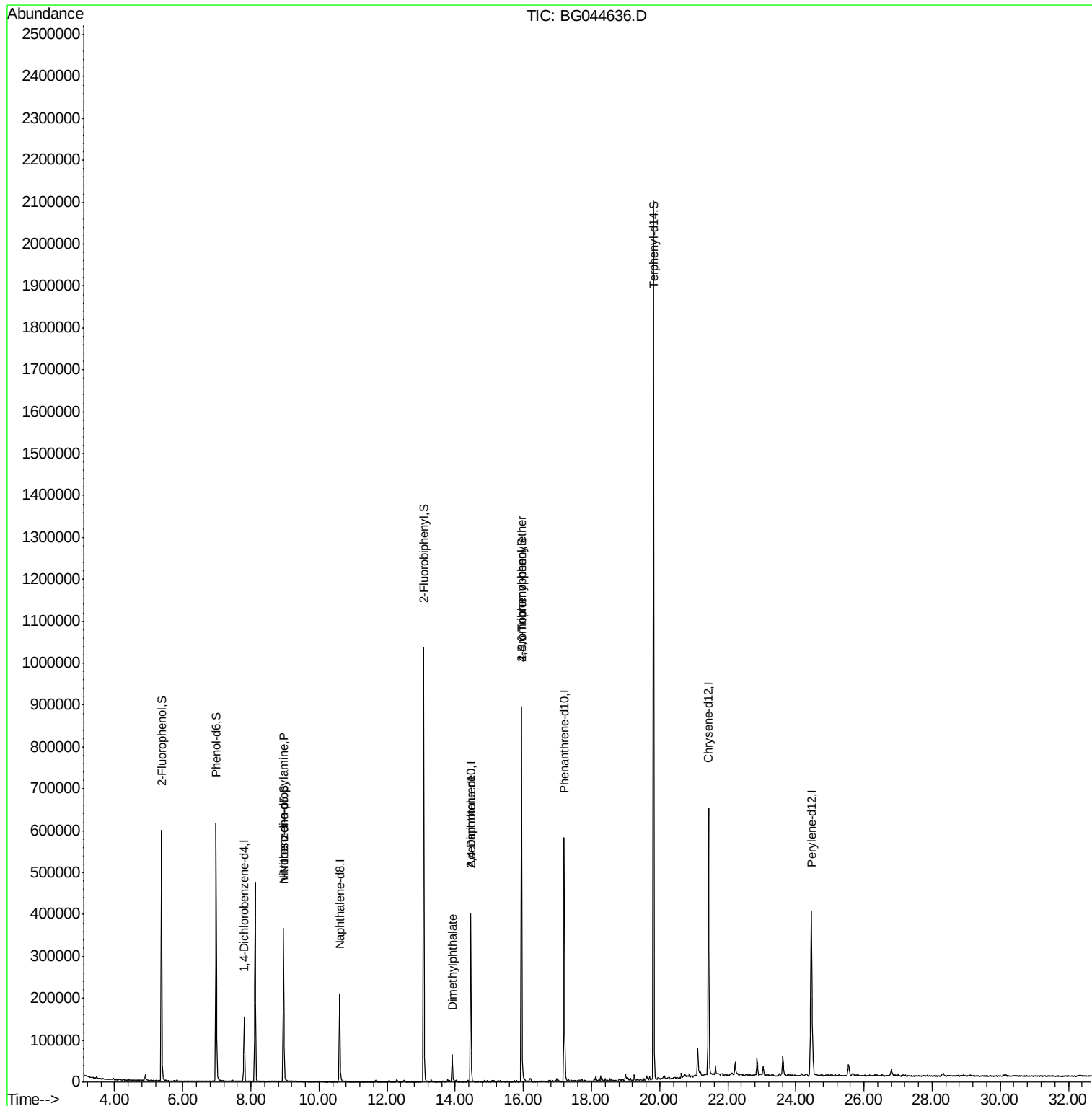
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	44427	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	199257	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	148707	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	371415	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	359316	20.00	ng	-0.07
87) Perylene-d12	24.46	264	408368	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	290349	104.86	ng	-0.07
7) Phenol-d6	6.98	99	396391	104.58	ng	-0.07
23) Nitrobenzene-d5	8.96	82	240044	62.06	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	184903	87.69	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	570161	54.90	ng	-0.06
79) Terphenyl-d14	19.82	244	1007522	53.08	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.96	70	29927	12.284	ng	# 77
50) Dimethylphthalate	13.91	163	53443	4.453	ng	# 97
57) 2,4-Dinitrotoluene	14.46	165	20132	5.409	ng	# 30
67) 4-Bromophenyl-phenylether	15.94	248	11926	2.587	ng	# 1

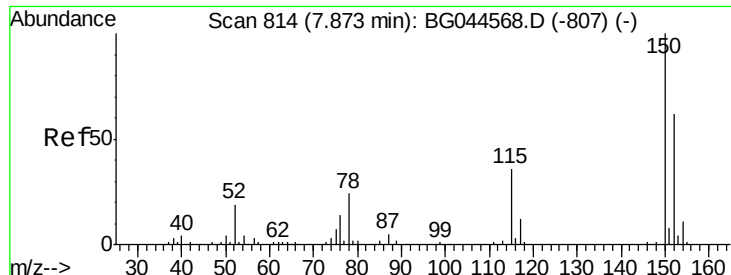
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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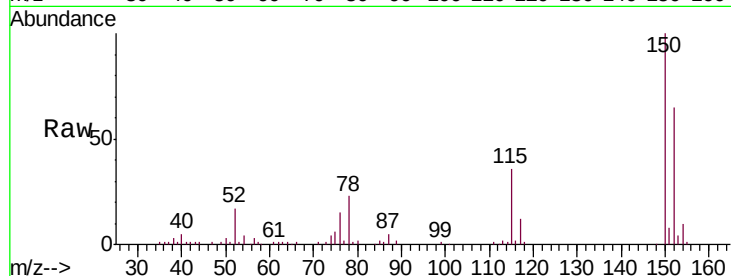


#1

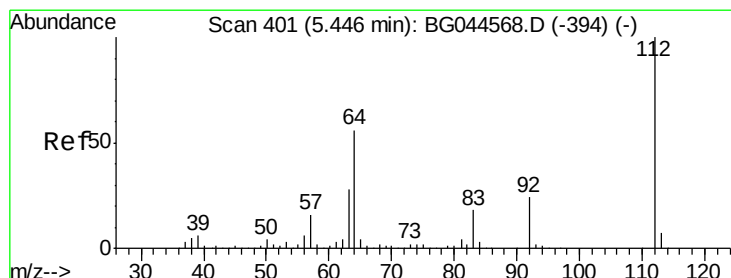
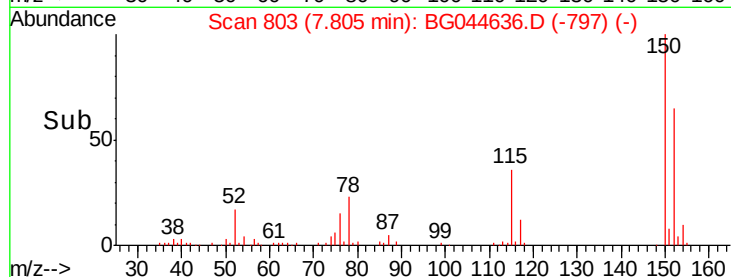
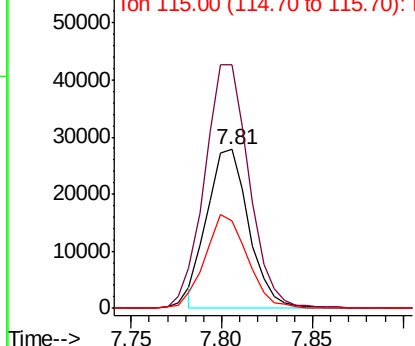
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.07 min
Lab File: BG044636.D
Acq: 2 Mar 2020 17:10

Instrument :
BNA_G
ClientSampleId :
GP-06-022720

Tgt Ion:152 Resp: 44427
Ion Ratio Lower Upper
152 100
150 153.3 128.9 193.3
115 54.8 47.0 70.4



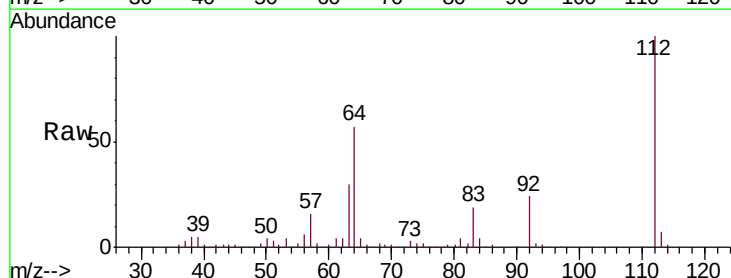
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



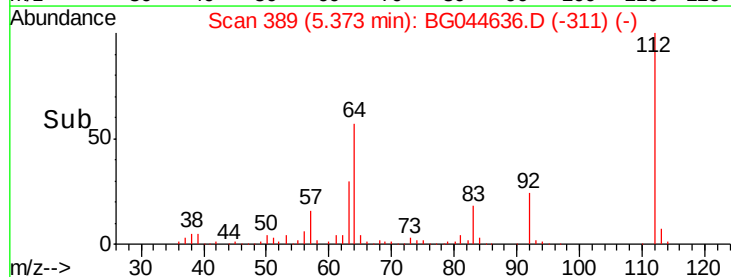
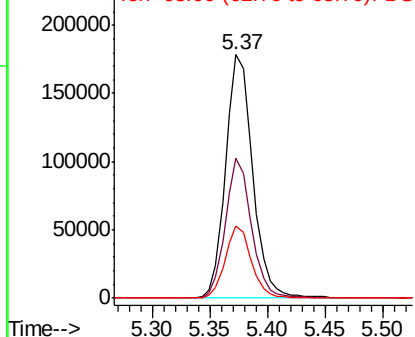
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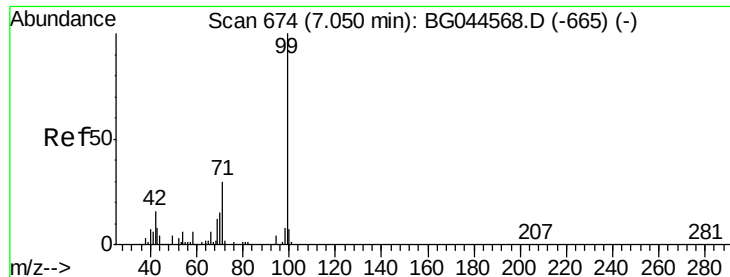
2-Fluorophenol
Concen: 104.859 ng
RT: 5.37 min Scan# 389
Delta R.T. -0.07 min
Lab File: BG044636.D
Acq: 2 Mar 2020 17:10

Tgt Ion:112 Resp: 290349
Ion Ratio Lower Upper
112 100
64 57.4 44.8 67.2
63 29.6 22.3 33.5



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: 104.584 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.07 min

Lab File: BG044636.D

Acq: 2 Mar 2020 17:10

Instrument :

BNA_G

ClientSampleId :

GP-06-022720

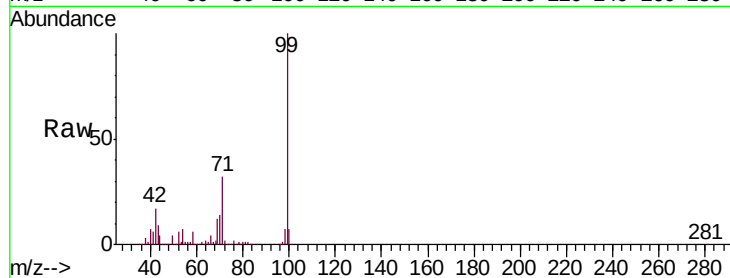
Tgt Ion: 99 Resp: 396391

Ion Ratio Lower Upper

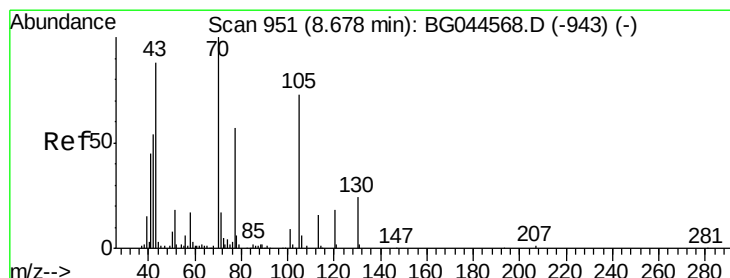
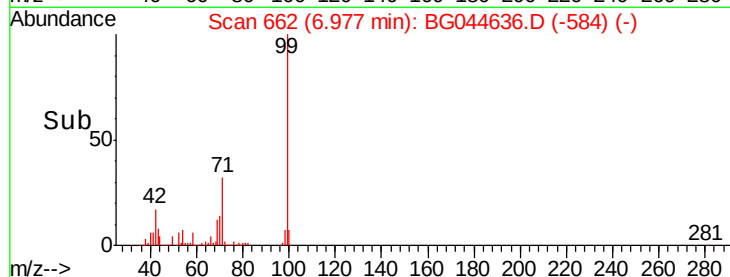
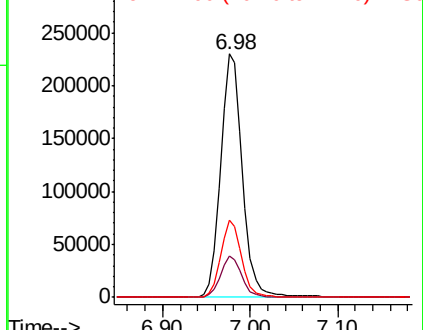
99 100

42 16.8 12.8 19.2

71 31.6 24.4 36.6



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: 12.284 ng

RT: 8.96 min Scan# 1000

Delta R.T. 0.28 min

Lab File: BG044636.D

Acq: 2 Mar 2020 17:10

Tgt Ion: 70 Resp: 29927

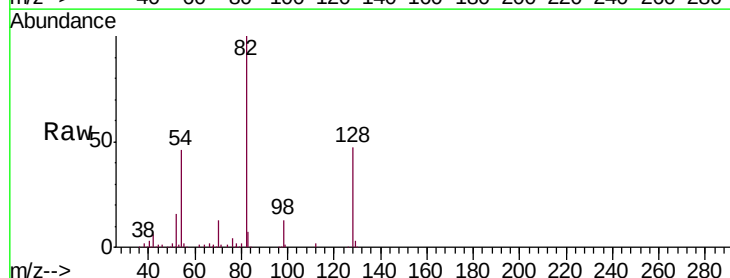
Ion Ratio Lower Upper

70 100

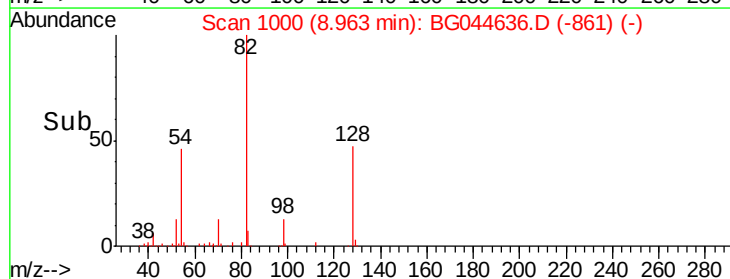
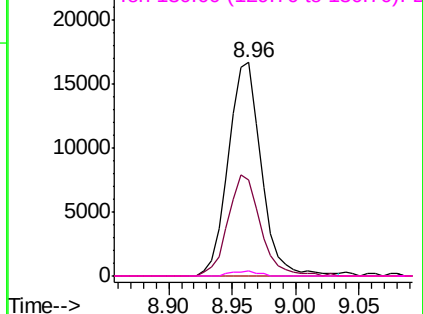
42 44.9 43.4 65.0

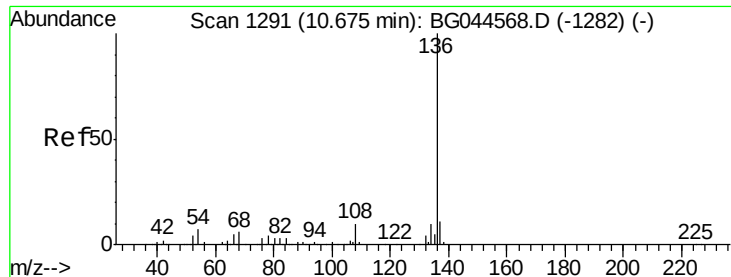
101 0.0 7.5 11.3#

130 2.5 18.9 28.3#



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

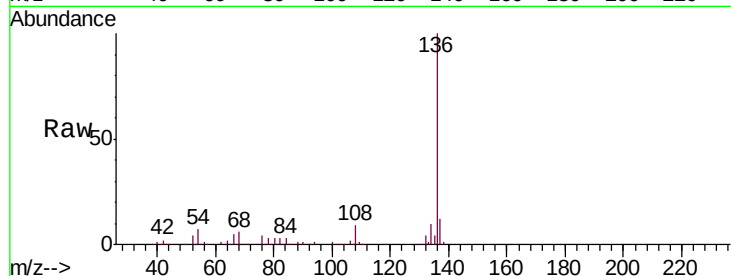




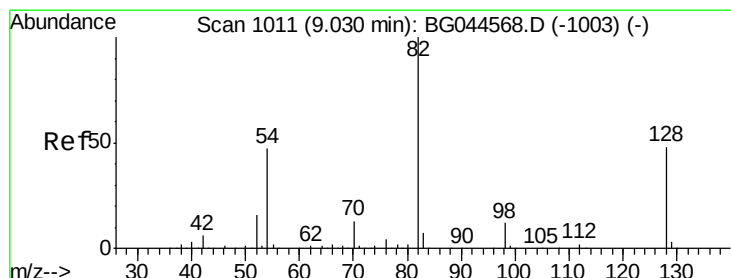
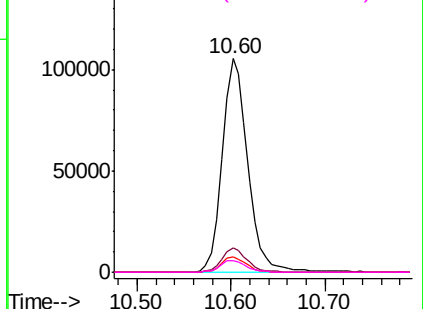
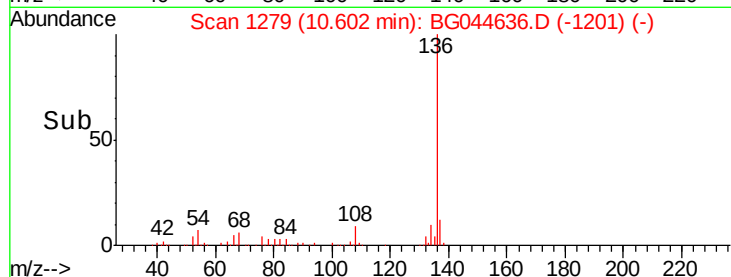
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044636.D
Acq: 2 Mar 2020 17:10

Instrument :
BNA_G
ClientSampleId :
GP-06-022720

Tgt Ion:	136	Resp:	199257
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.2	5.7	8.5
68	5.6	4.5	6.7

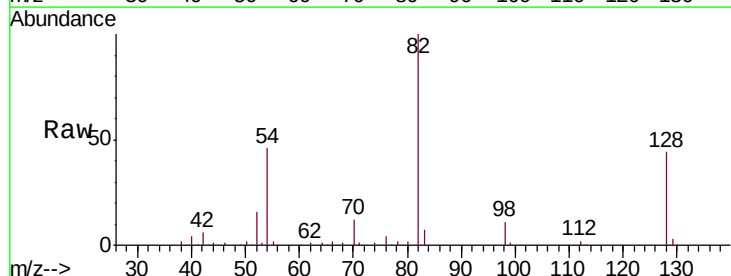


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

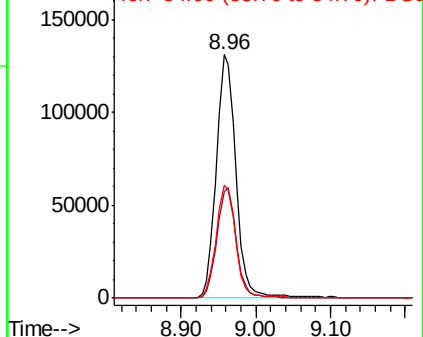
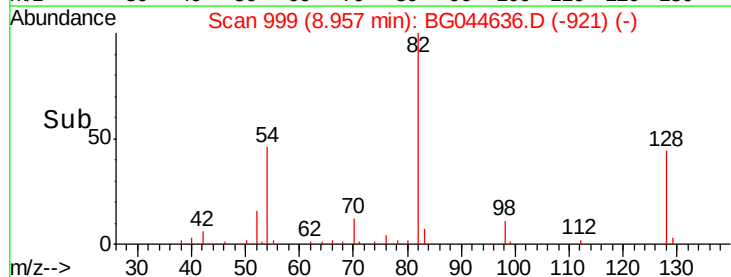


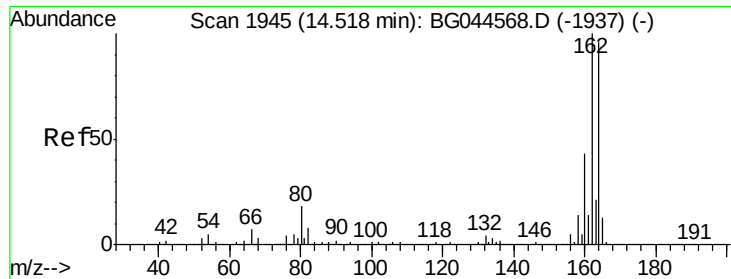
#23
Nitrobenzene-d5
Concen: 62.064 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.07 min
Lab File: BG044636.D
Acq: 2 Mar 2020 17:10

Tgt Ion:	82	Resp:	240044
Ion	Ratio	Lower	Upper
82	100		
128	44.0	38.1	57.1
54	46.2	37.5	56.3



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

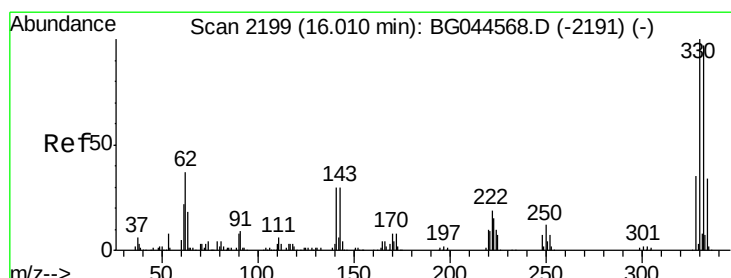
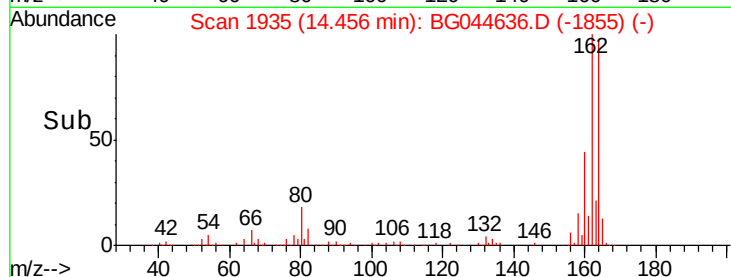
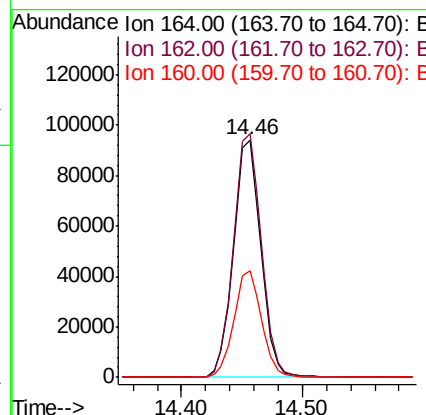
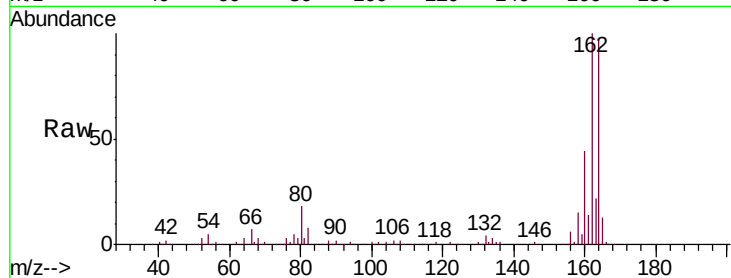




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.06 min
Lab File: BG044636.D
Acq: 2 Mar 2020 17:10

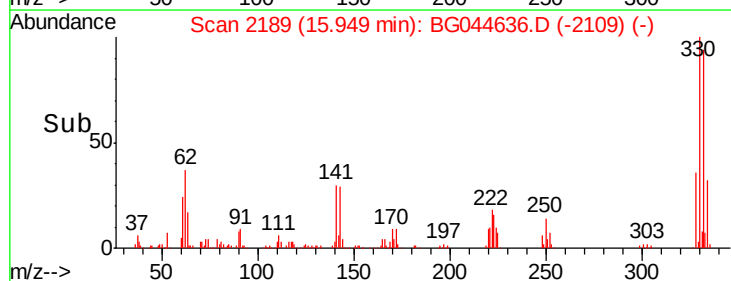
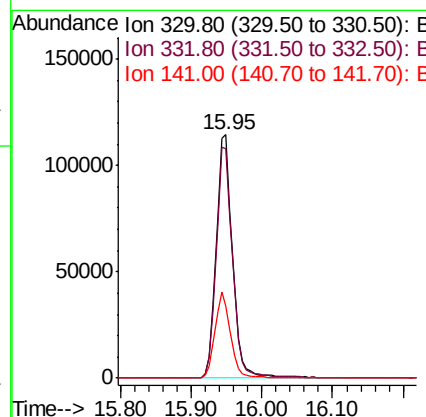
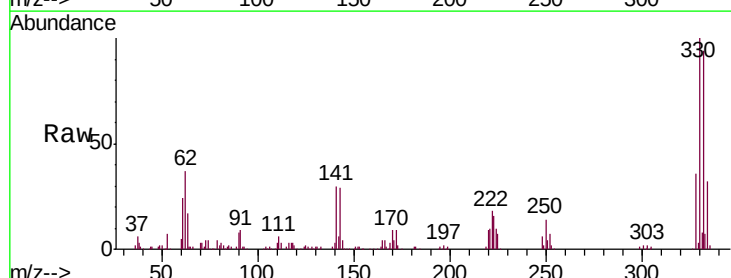
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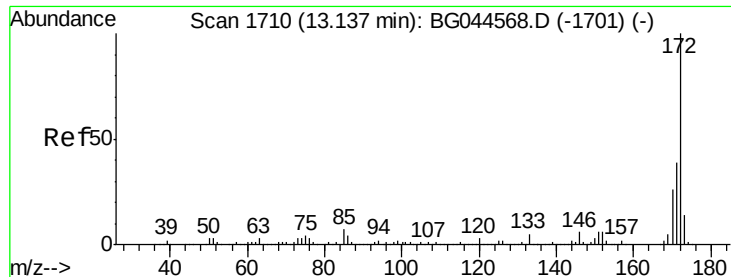
Tgt Ion:164 Resp: 148707
Ion Ratio Lower Upper
164 100
162 102.6 83.6 125.4
160 45.0 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 87.692 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.06 min
Lab File: BG044636.D
Acq: 2 Mar 2020 17:10

Tgt Ion:330 Resp: 184903
Ion Ratio Lower Upper
330 100
332 95.0 77.4 116.0
141 33.6 26.1 39.1

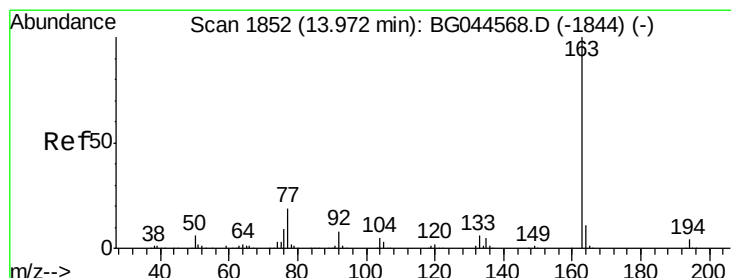
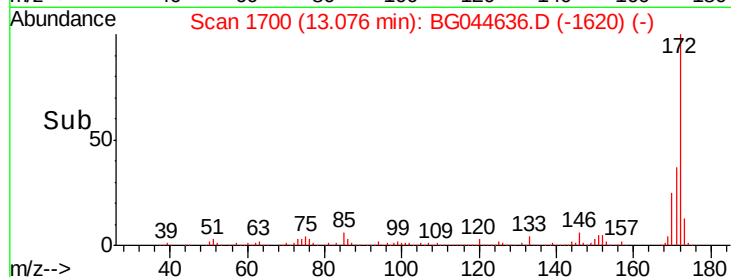
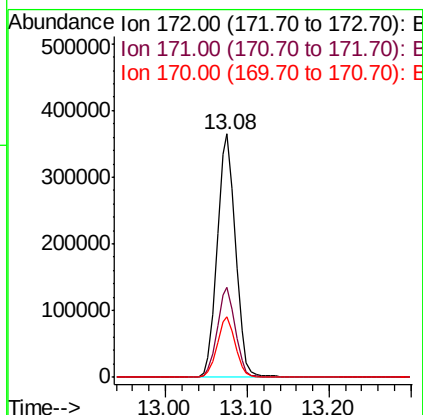
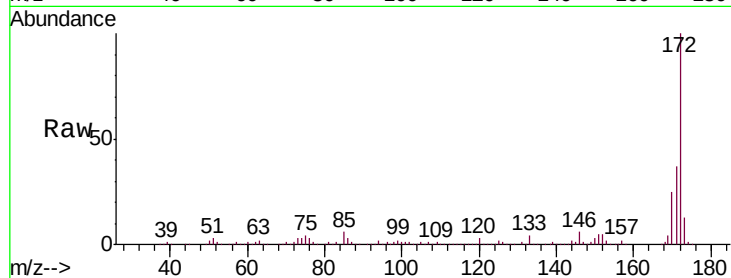




#45
 2-Fluorobiphenyl
 Concen: 54.904 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044636.D
 Acq: 2 Mar 2020 17:10

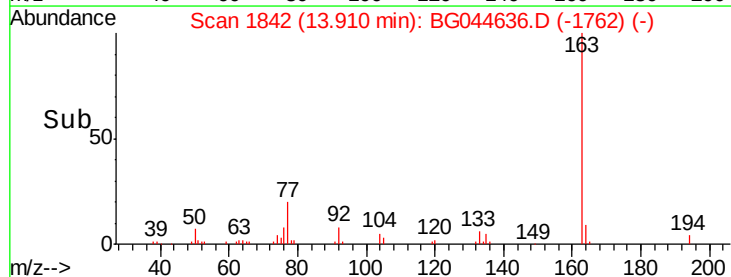
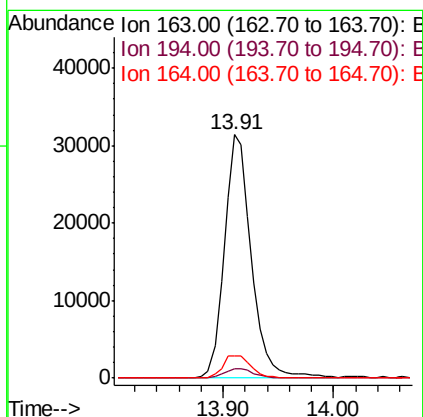
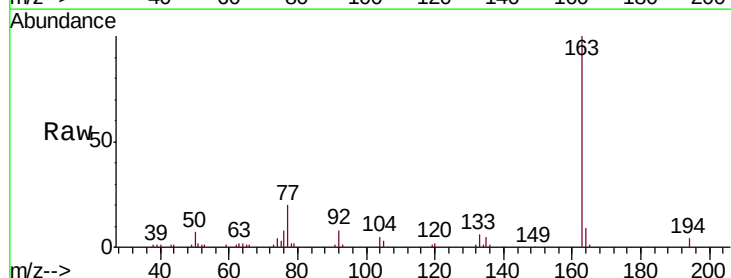
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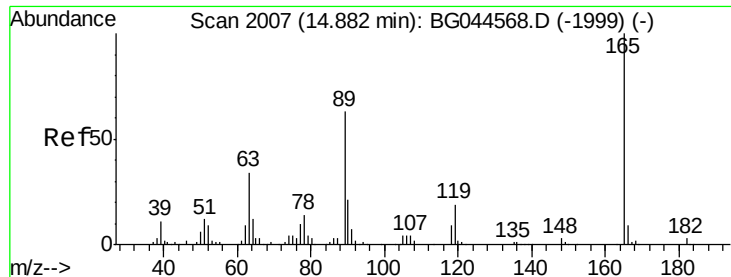
Tgt Ion:172 Resp: 570161
 Ion Ratio Lower Upper
 172 100
 171 36.7 31.3 46.9
 170 24.6 21.0 31.4



#50
 Dimethylphthalate
 Concen: 4.453 ng
 RT: 13.91 min Scan# 1842
 Delta R.T. -0.06 min
 Lab File: BG044636.D
 Acq: 2 Mar 2020 17:10

Tgt Ion:163 Resp: 53443
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.4 5.0
 164 9.3 8.7 13.1

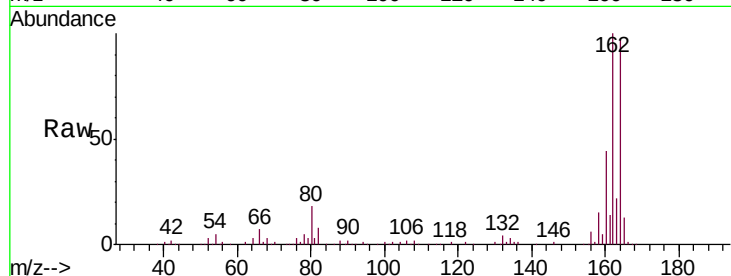




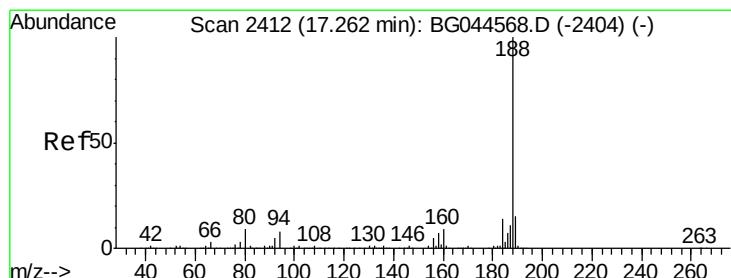
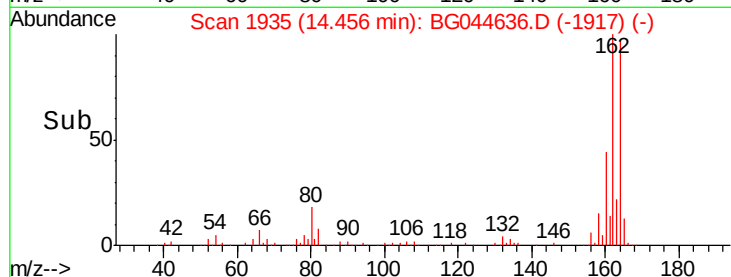
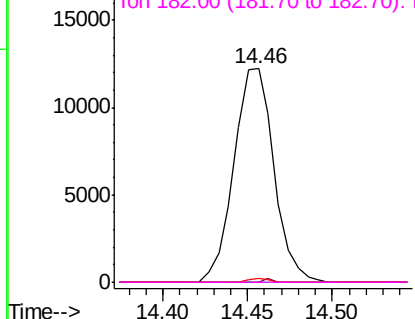
#57
 2,4-Dinitrotoluene
 Concen: 5.409 ng
 RT: 14.46 min Scan# 1935
 Delta R.T. -0.43 min
 Lab File: BG044636.D
 Acq: 2 Mar 2020 17:10

Instrument :
 BNA_G
 ClientSampleId :
 GP-06-022720

Tgt Ion:	165	Resp:	20132
Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.5	41.3#
89	1.7	50.0	75.0#
182	0.0	2.3	3.5#

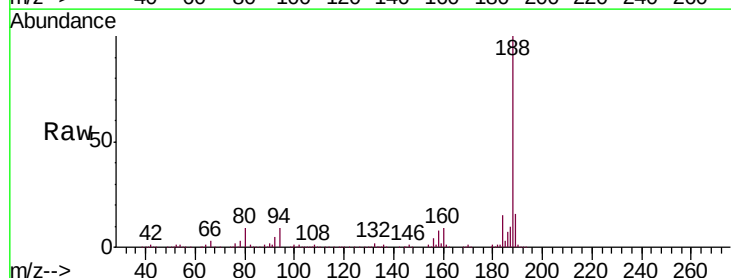


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

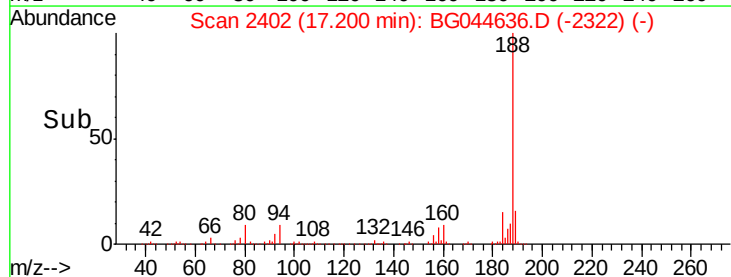
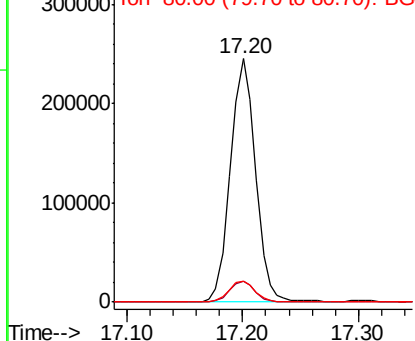


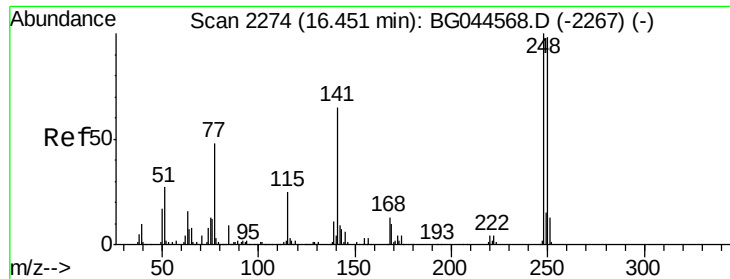
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.20 min Scan# 2402
 Delta R.T. -0.06 min
 Lab File: BG044636.D
 Acq: 2 Mar 2020 17:10

Tgt Ion:	188	Resp:	371415
Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.7	10.1
80	8.6	7.6	11.4



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

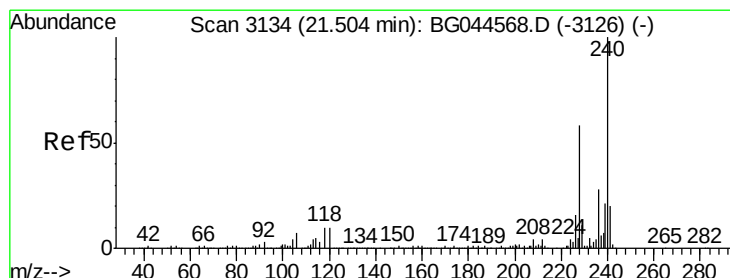
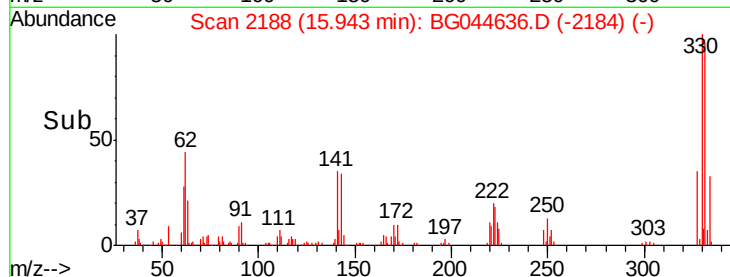
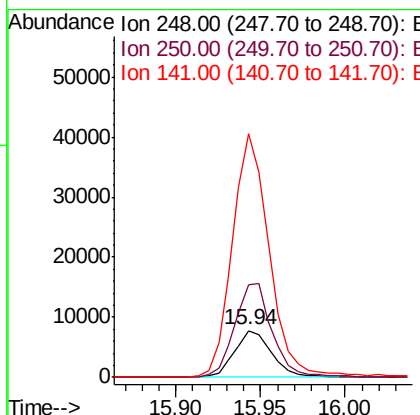
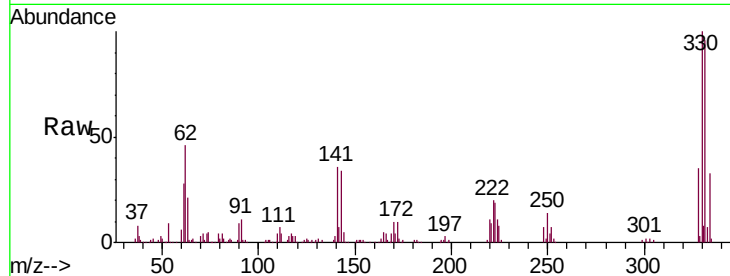




#67
 4-Bromophenyl-phenylether
 Concen: 2.587 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.51 min
 Lab File: BG044636.D
 Acq: 2 Mar 2020 17:10

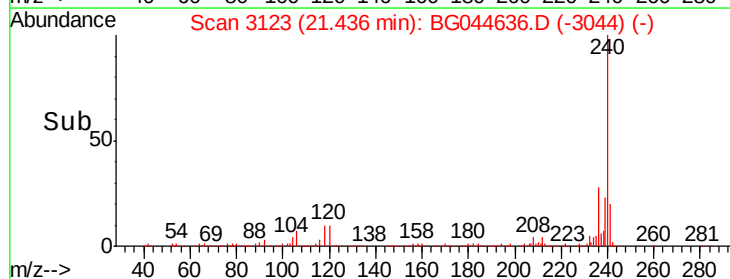
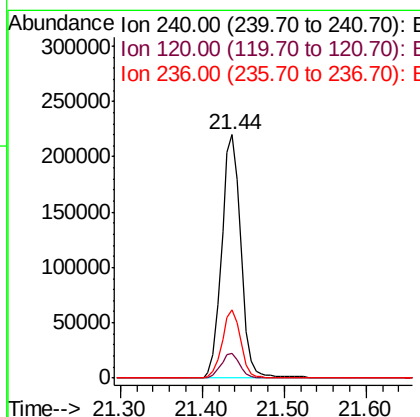
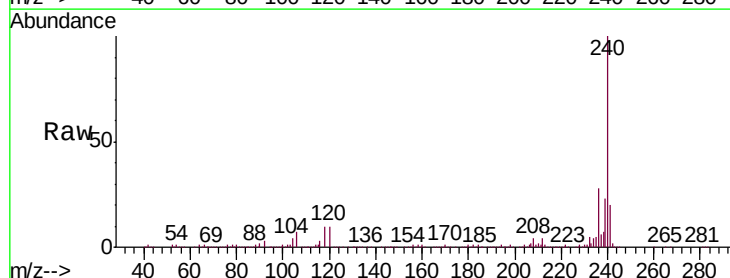
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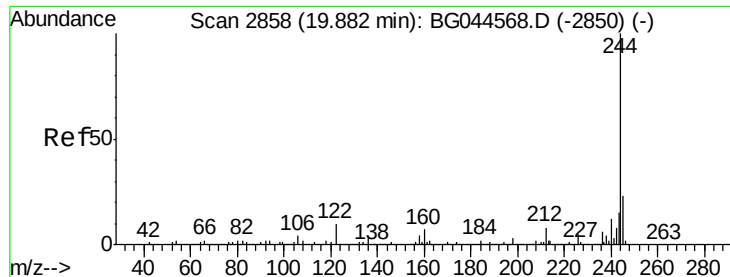
Tgt Ion:248 Resp: 11926
 Ion Ratio Lower Upper
 248 100
 250 197.7 78.7 118.1#
 141 518.7 52.3 78.5#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.44 min Scan# 3123
 Delta R.T. -0.07 min
 Lab File: BG044636.D
 Acq: 2 Mar 2020 17:10

Tgt Ion:240 Resp: 359316
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.3 12.5
 236 27.9 22.3 33.5





#79

Terphenyl-d14

Concen: 53.082 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.06 min

Lab File: BG044636.D

Acq: 2 Mar 2020 17:10

Instrument :

BNA_G

ClientSampleId :

GP-06-022720

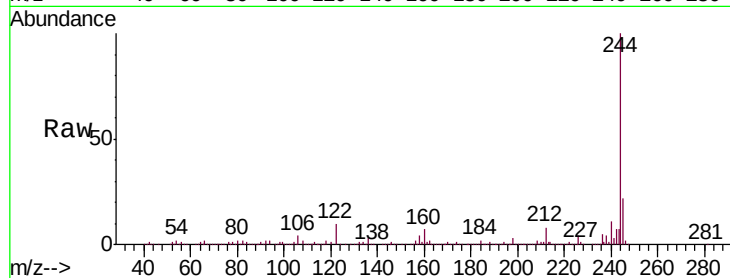
Tgt Ion:244 Resp: 1007522

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

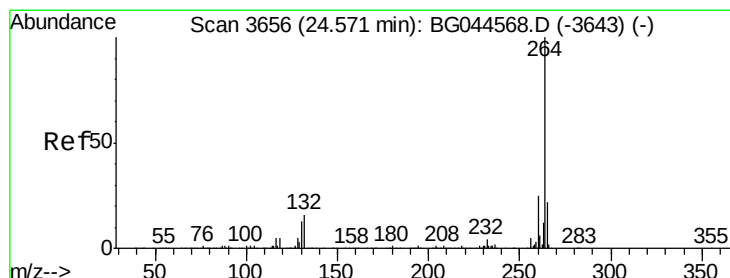
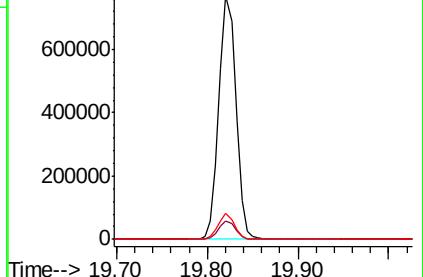
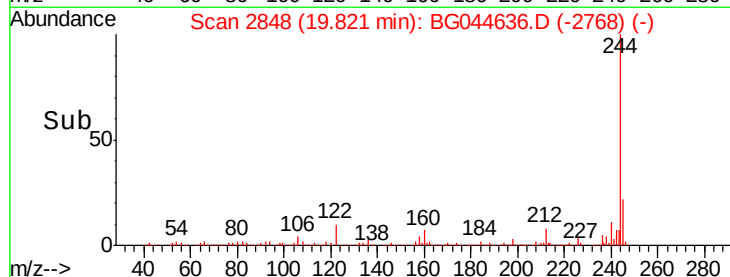
122 10.5 8.2 12.4



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: 24.46 min Scan# 3637

Delta R.T. -0.11 min

Lab File: BG044636.D

Acq: 2 Mar 2020 17:10

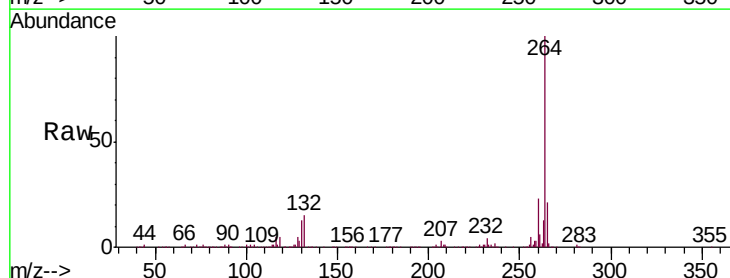
Tgt Ion:264 Resp: 408368

Ion Ratio Lower Upper

264 100

260 23.4 19.7 29.5

265 21.0 17.8 26.8



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

