

Data File : BG044637.D
Acq On : 2 Mar 2020 17:50
Operator : CG/JU
Sample : L1740-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GP-07-022720

Quant Time: Mar 03 06:14:47 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	52893	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	226957	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	165823	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	398796	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	383261	20.00	ng	-0.07
87) Perylene-d12	24.45	264	429283	20.00	ng	-0.12

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	333469	101.16	ng	-0.07
7) Phenol-d6	6.98	99	436414	96.71	ng	-0.07
23) Nitrobenzene-d5	8.96	82	255624	58.03	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	204553	87.00	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	622470	53.75	ng	-0.06
79) Terphenyl-d14	19.82	244	1045067	51.62	ng	-0.06

Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	8.96	70	32626	11.248	ng	# 76
50) Dimethylphthalate	13.92	163	46691	3.489	ng	# 98
51) 2,6-Dinitrotoluene	14.45	165	21307	7.218	ng	# 31
57) 2,4-Dinitrotoluene	14.45	165	21307	5.134	ng	# 30
67) 4-Bromophenyl-phenylether	15.94	248	13136	2.654	ng	# 1

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

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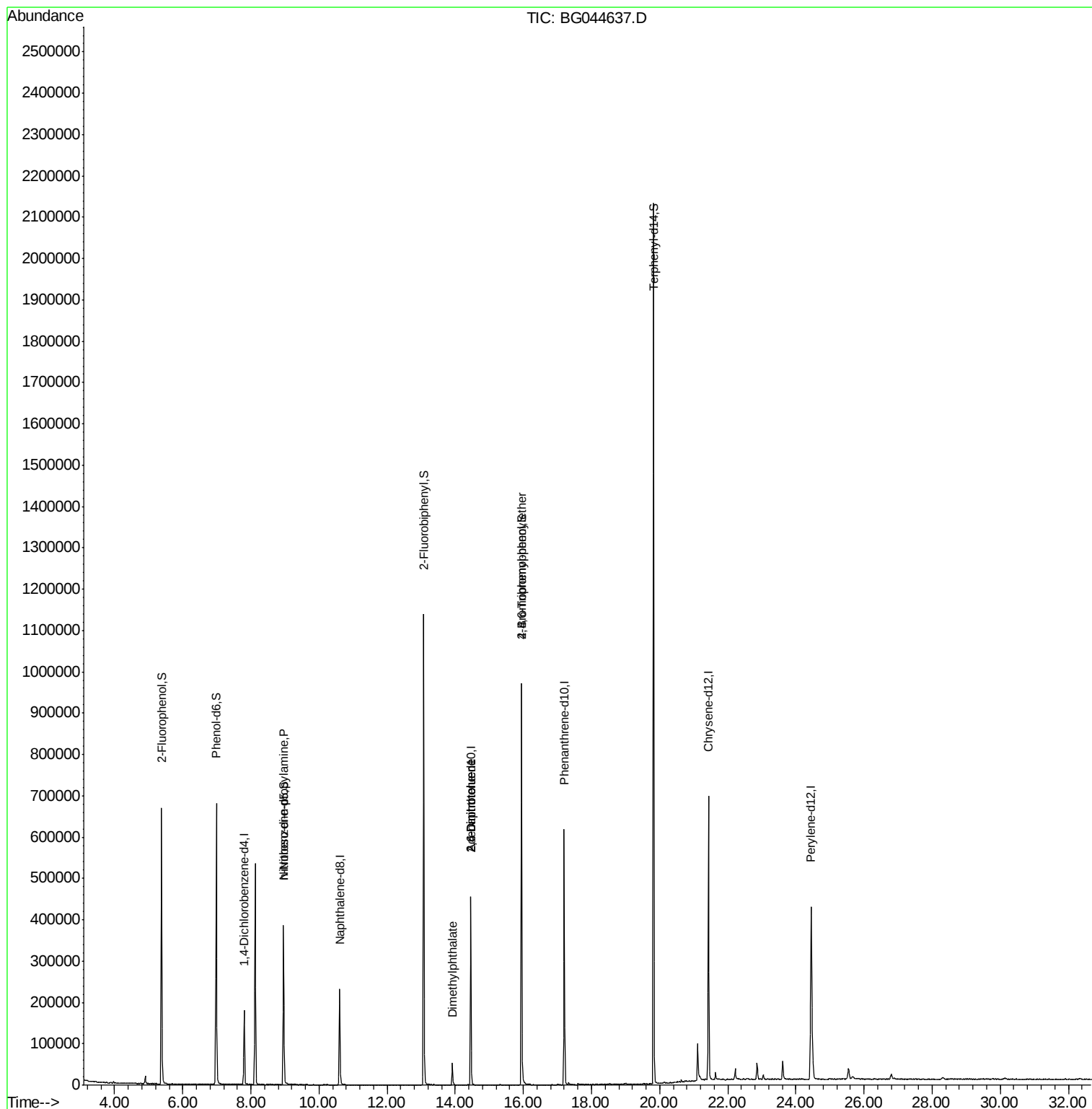
Quant Time: Mar 03 06:14:47 2020

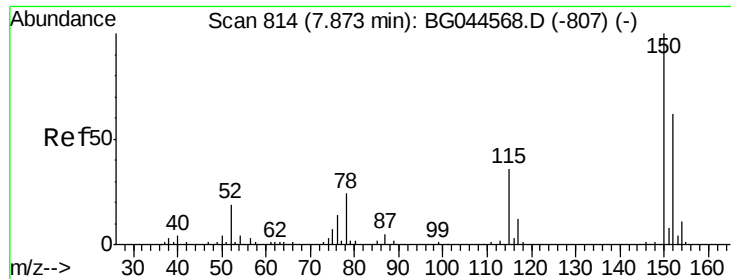
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG022420.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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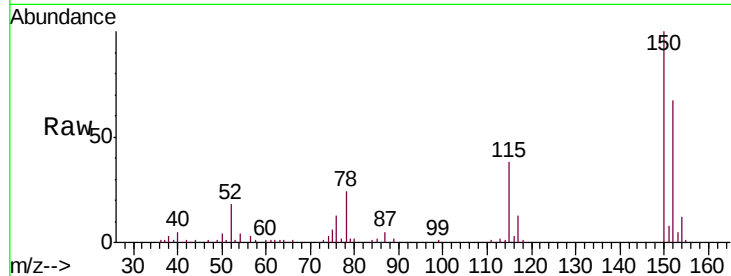


#1

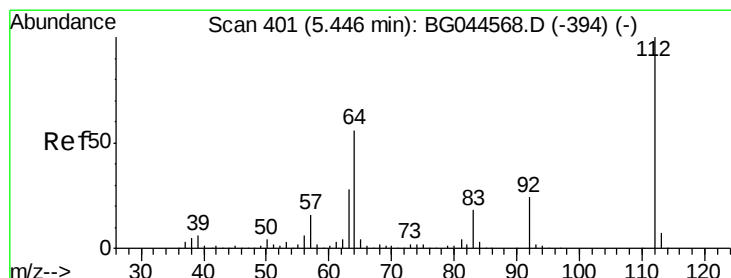
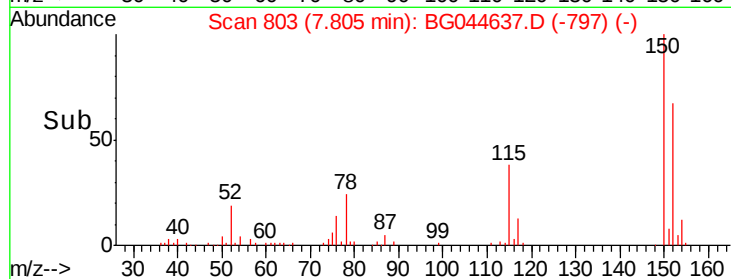
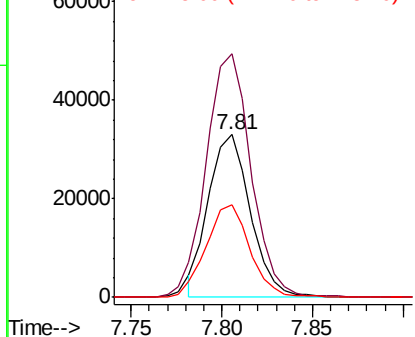
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.07 min
Lab File: BG044637.D
Acq: 2 Mar 2020 17:50

Instrument :
BNA_G
ClientSampleId :
GP-07-022720

Tgt Ion:152 Resp: 52893
Ion Ratio Lower Upper
152 100
150 149.8 128.9 193.3
115 56.9 47.0 70.4



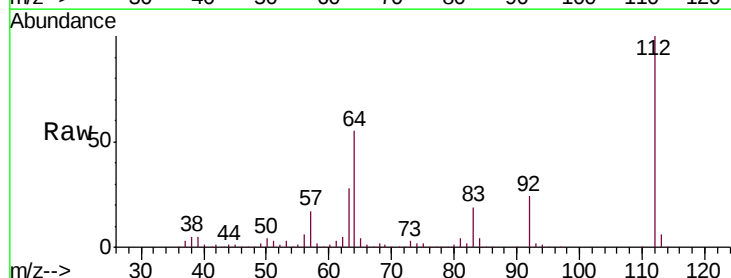
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



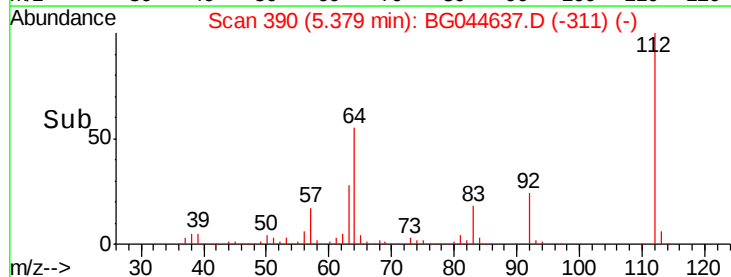
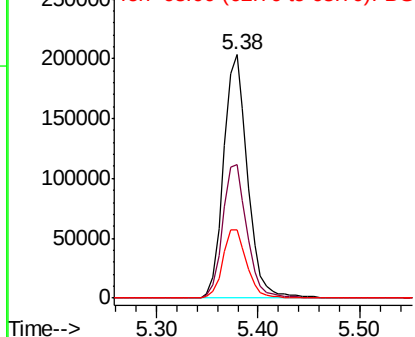
#5

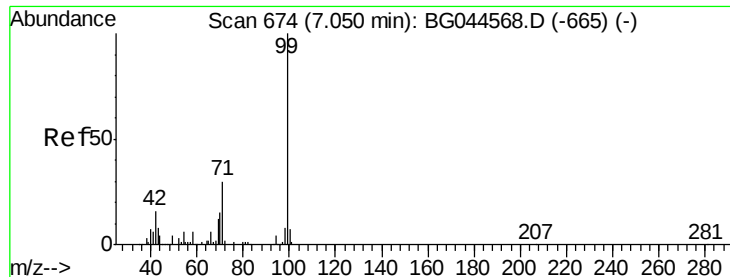
2-Fluorophenol
Concen: 101.155 ng
RT: 5.38 min Scan# 390
Delta R.T. -0.07 min
Lab File: BG044637.D
Acq: 2 Mar 2020 17:50

Tgt Ion:112 Resp: 333469
Ion Ratio Lower Upper
112 100
64 54.8 44.8 67.2
63 28.1 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: 96.714 ng

RT: 6.98 min Scan# 663

Delta R.T. -0.07 min

Lab File: BG044637.D

Acq: 2 Mar 2020 17:50

Instrument :

BNA_G

ClientSampleId :

GP-07-022720

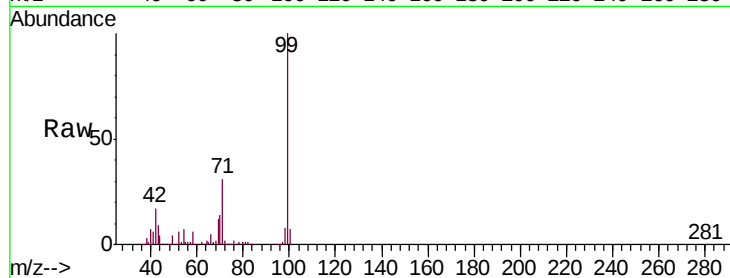
Tgt Ion: 99 Resp: 436414

Ion Ratio Lower Upper

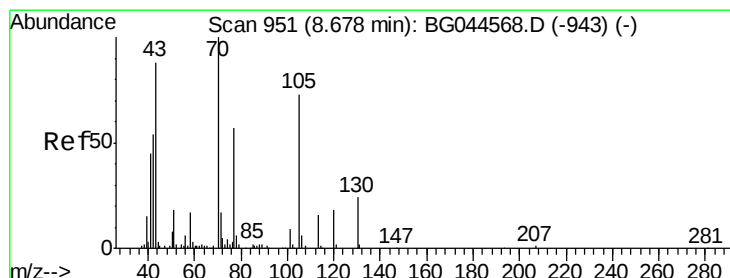
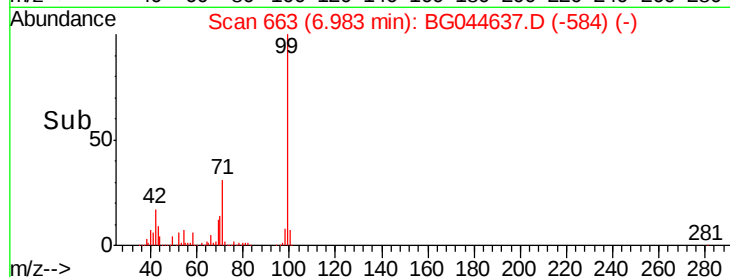
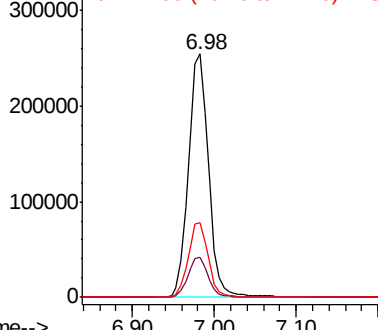
99 100

42 16.6 12.8 19.2

71 30.5 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: 11.248 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.28 min

Lab File: BG044637.D

Acq: 2 Mar 2020 17:50

Tgt Ion: 70 Resp: 32626

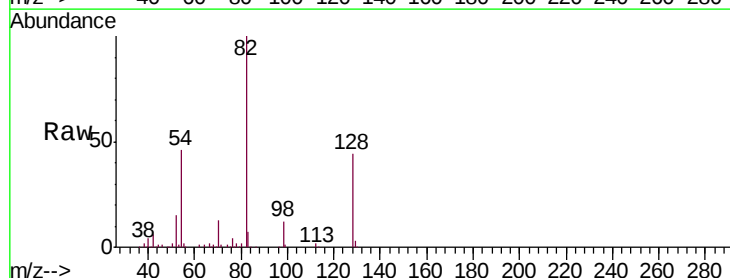
Ion Ratio Lower Upper

70 100

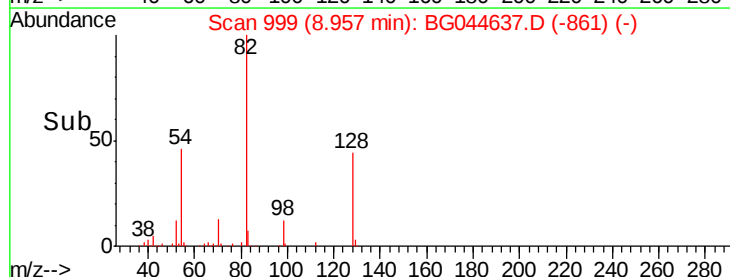
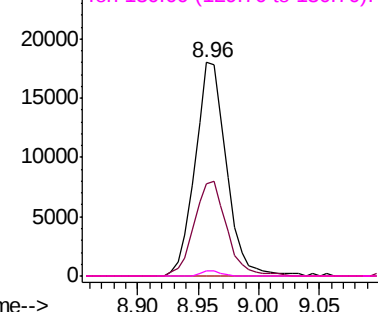
42 43.1 43.4 65.0#

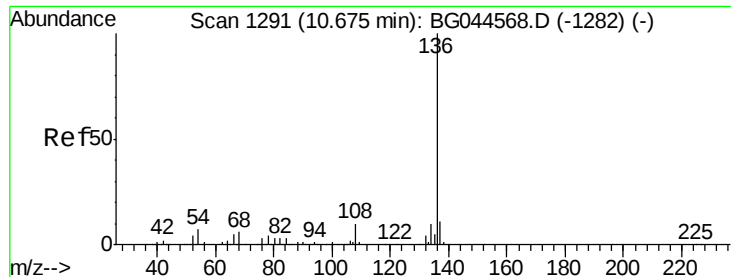
101 0.0 7.5 11.3#

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

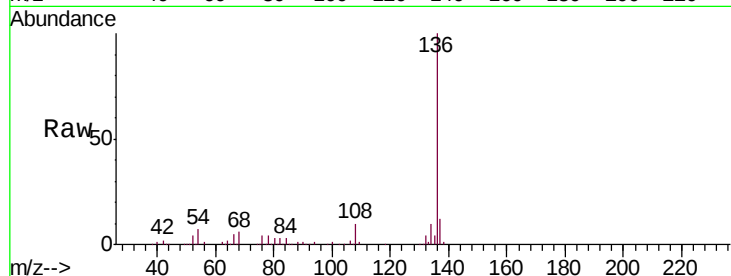




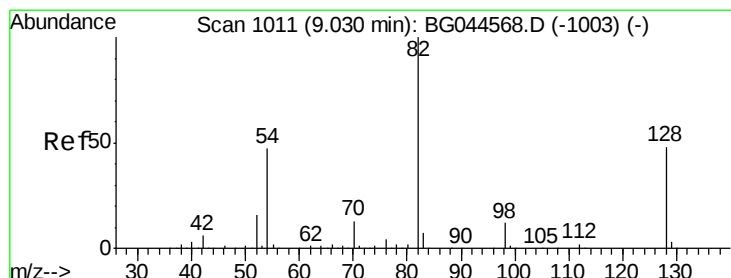
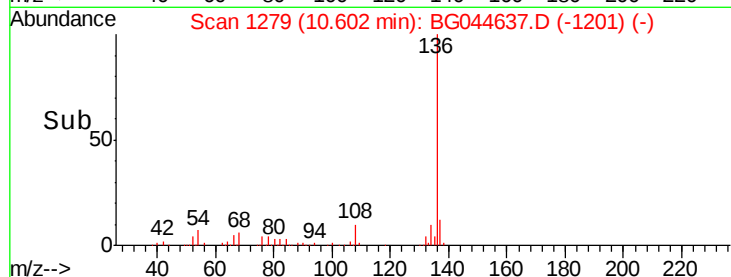
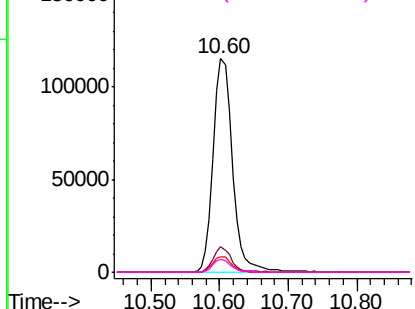
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044637.D
Acq: 2 Mar 2020 17:50

Instrument :
BNA_G
ClientSampleId :
GP-07-022720

Tgt Ion:	136	Resp:	226957
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.8	13.2
54	7.2	5.7	8.5
68	6.2	4.5	6.7

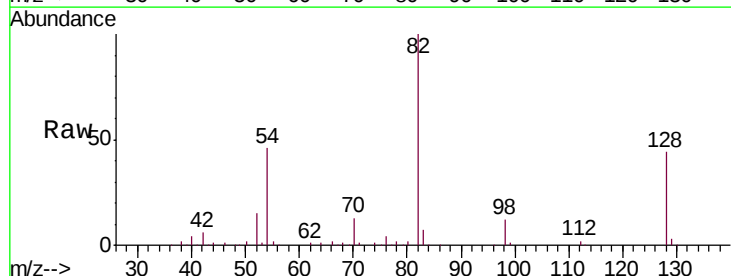


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

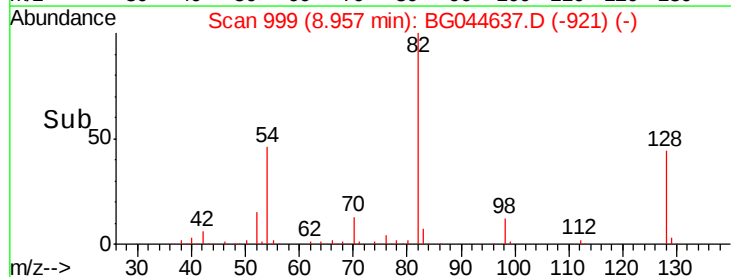
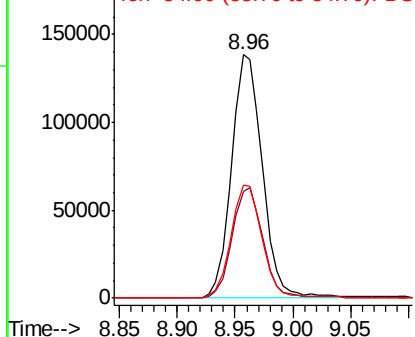


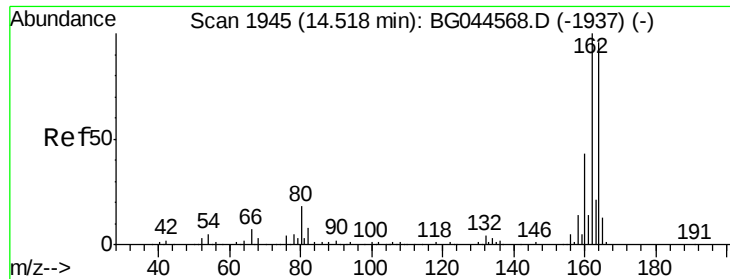
#23
Nitrobenzene-d5
Concen: 58.026 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.07 min
Lab File: BG044637.D
Acq: 2 Mar 2020 17:50

Tgt Ion:	82	Resp:	255624
Ion	Ratio	Lower	Upper
82	100		
128	43.8	38.1	57.1
54	46.5	37.5	56.3



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: 14.46 min Scan# 1935

Delta R.T. -0.06 min

Lab File: BG044637.D

Acq: 2 Mar 2020 17:50

Instrument :

BNA_G

ClientSampleId :

GP-07-022720

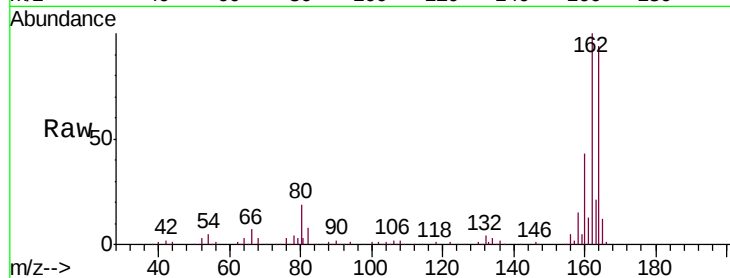
Tgt Ion:164 Resp: 165823

Ion Ratio Lower Upper

164 100

162 105.9 83.6 125.4

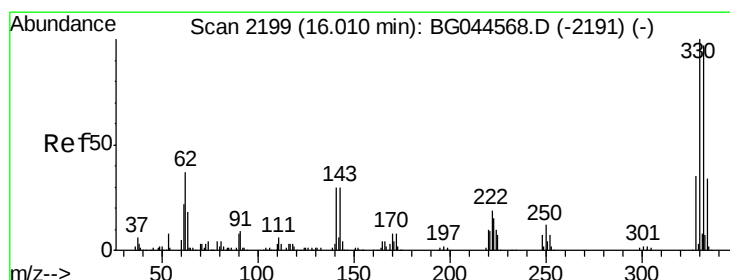
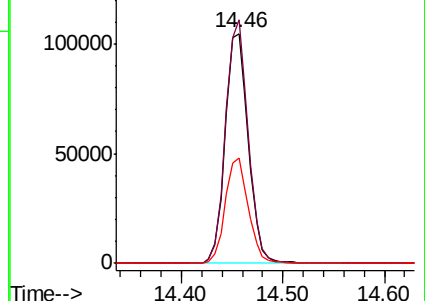
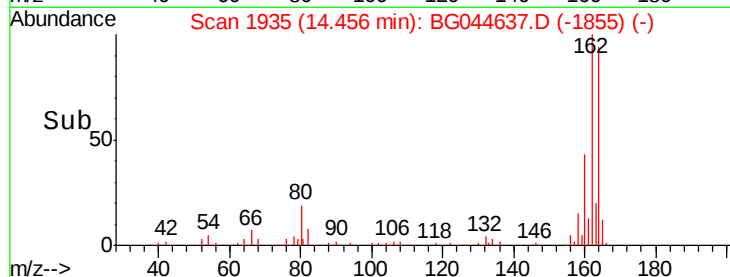
160 45.7 36.2 54.4



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: 86.998 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.06 min

Lab File: BG044637.D

Acq: 2 Mar 2020 17:50

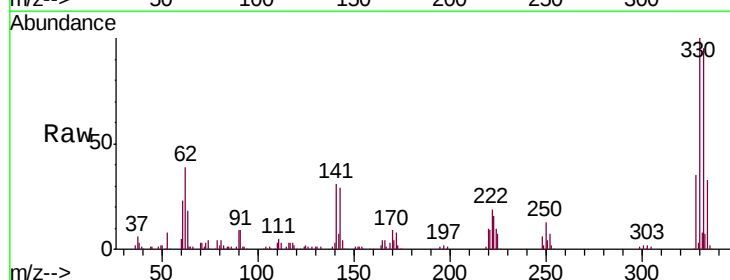
Tgt Ion:330 Resp: 204553

Ion Ratio Lower Upper

330 100

332 94.1 77.4 116.0

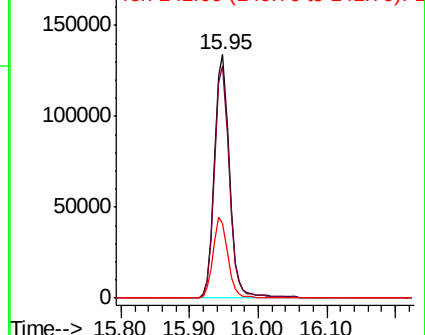
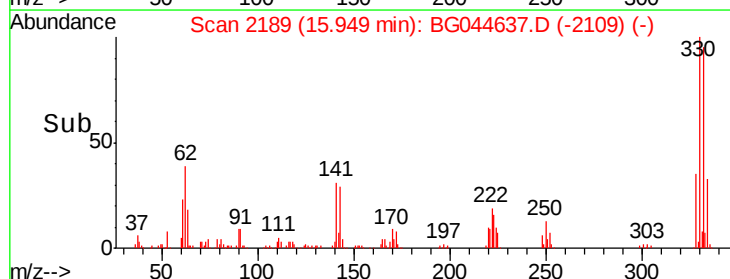
141 32.4 26.1 39.1

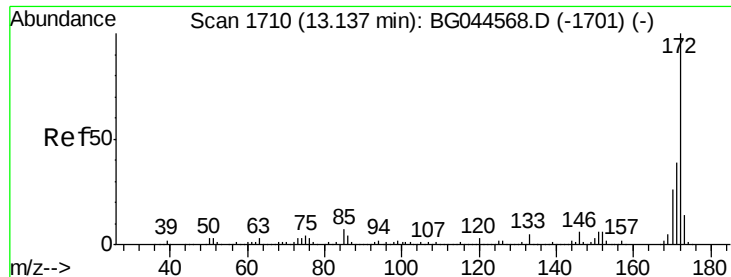


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

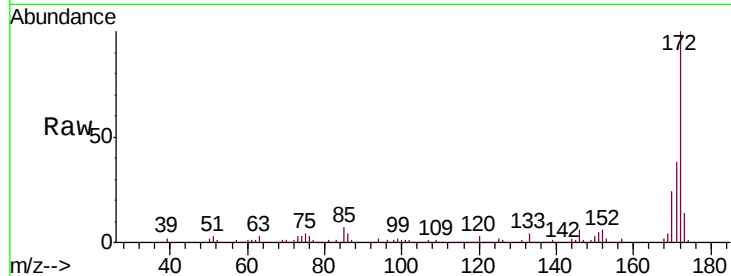




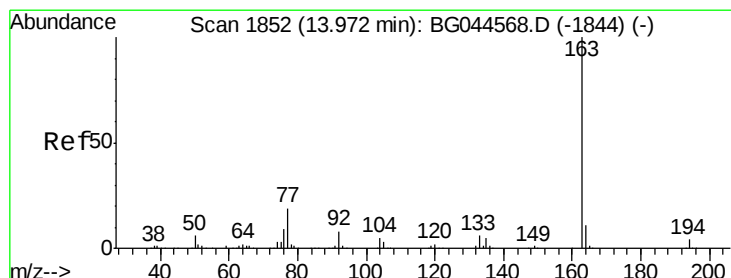
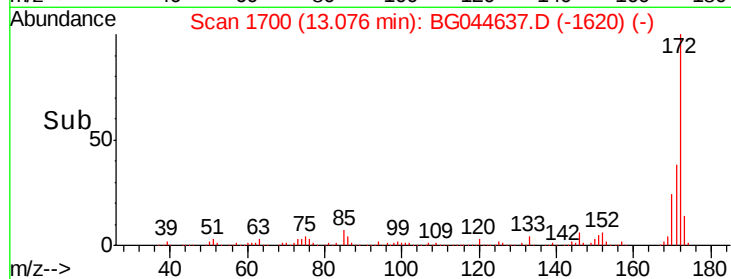
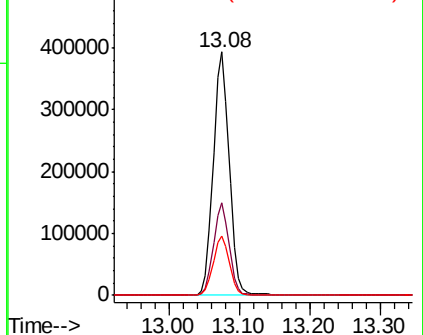
#45
 2-Fluorobiphenyl
 Concen: 53.754 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044637.D
 Acq: 2 Mar 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 GP-07-022720

Tgt Ion:172 Resp: 622470
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.3 46.9
 170 24.4 21.0 31.4

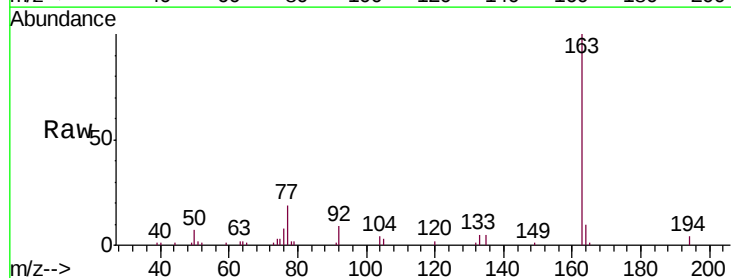


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

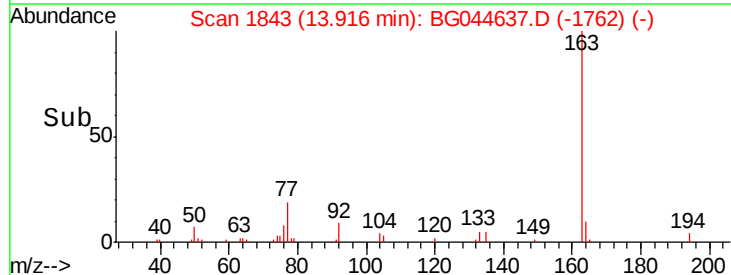
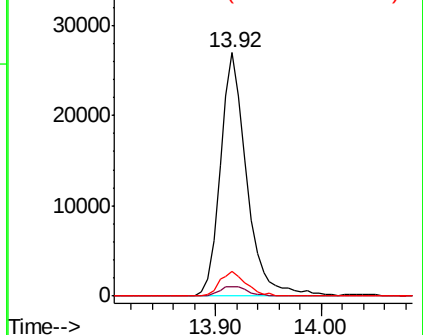


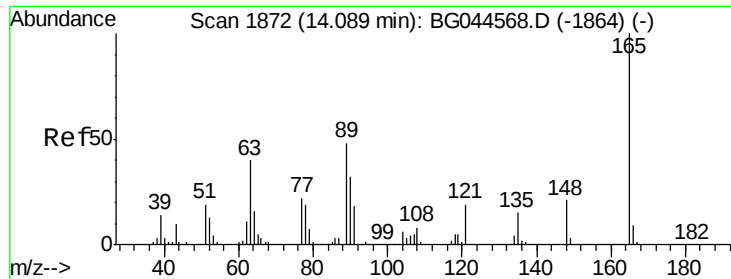
#50
 Dimethylphthalate
 Concen: 3.489 ng
 RT: 13.92 min Scan# 1843
 Delta R.T. -0.06 min
 Lab File: BG044637.D
 Acq: 2 Mar 2020 17:50

Tgt Ion:163 Resp: 46691
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.4 5.0
 164 10.2 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

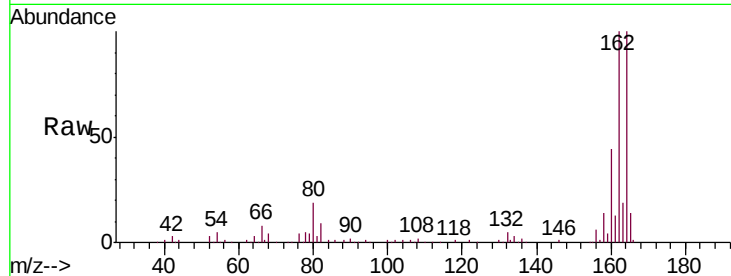




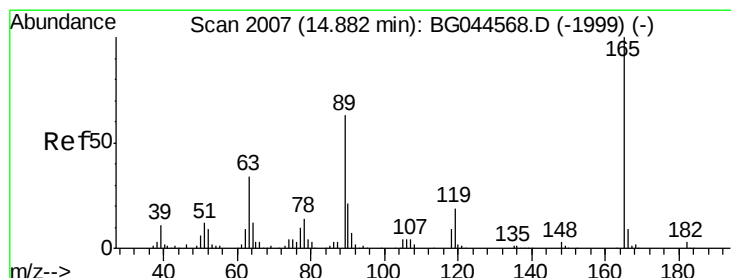
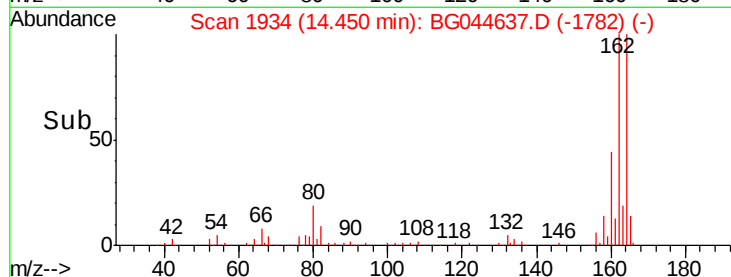
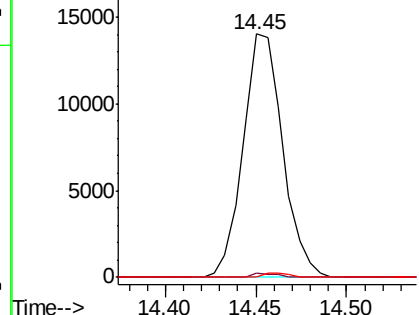
#51
 2,6-Dinitrotoluene
 Concen: 7.218 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. 0.36 min
 Lab File: BG044637.D
 Acq: 2 Mar 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 GP-07-022720

Tgt Ion:165 Resp: 21307
 Ion Ratio Lower Upper
 165 100
 63 1.9 35.8 53.6#
 89 0.0 38.7 58.1#

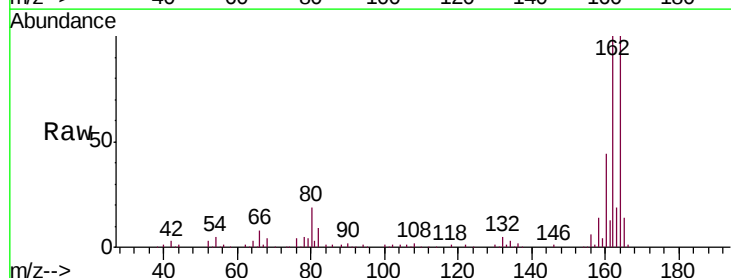


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

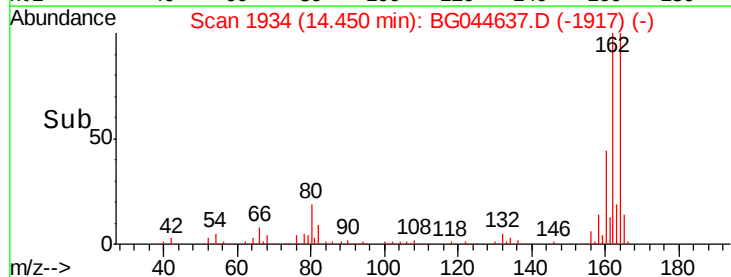
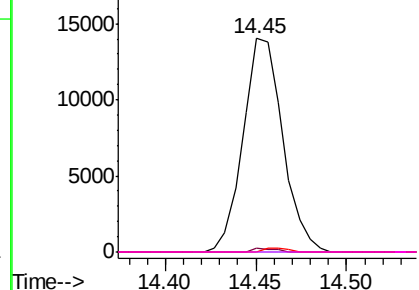


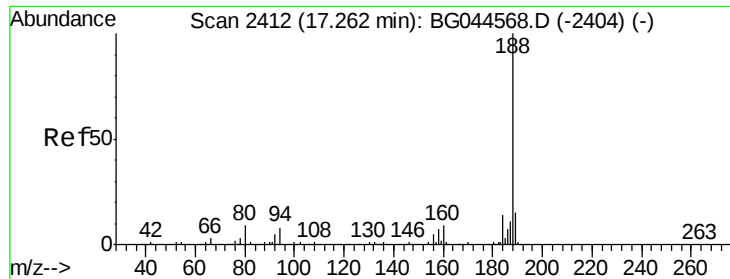
#57
 2,4-Dinitrotoluene
 Concen: 5.134 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.43 min
 Lab File: BG044637.D
 Acq: 2 Mar 2020 17:50

Tgt Ion:165 Resp: 21307
 Ion Ratio Lower Upper
 165 100
 63 1.9 27.5 41.3#
 89 0.0 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: BG044637.D

Acq: 2 Mar 2020 17:50

Instrument :

BNA_G

ClientSampleId :

GP-07-022720

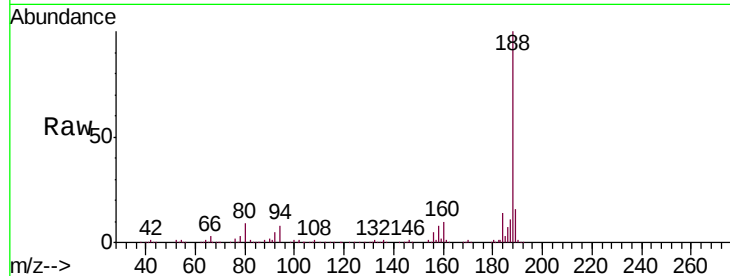
Tgt Ion:188 Resp: 398796

Ion Ratio Lower Upper

188 100

94 8.5 6.7 10.1

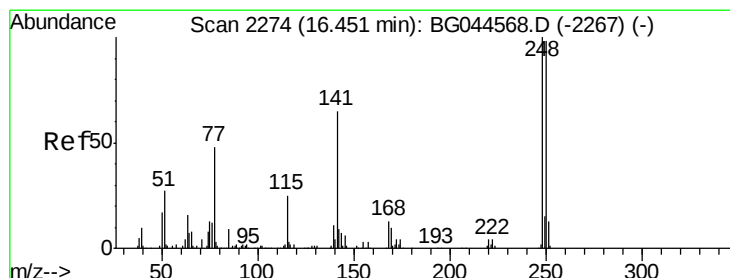
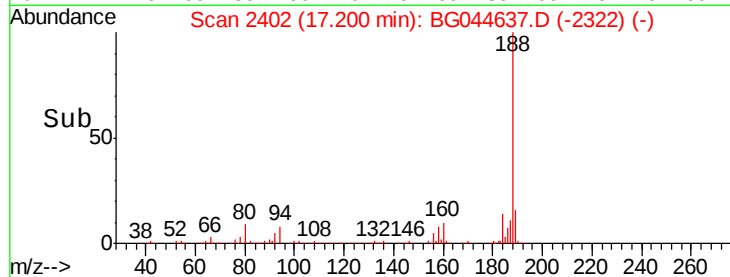
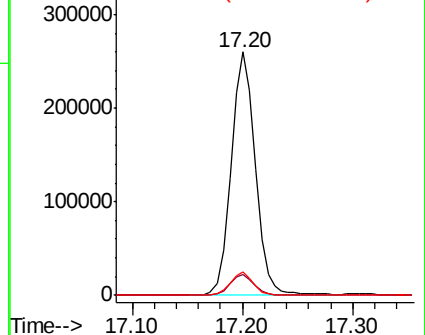
80 9.4 7.6 11.4



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: 2.654 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.51 min

Lab File: BG044637.D

Acq: 2 Mar 2020 17:50

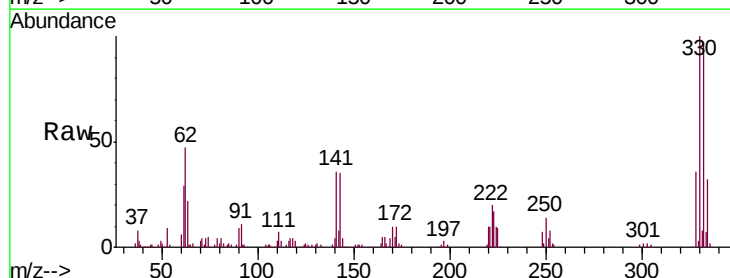
Tgt Ion:248 Resp: 13136

Ion Ratio Lower Upper

248 100

250 195.5 78.7 118.1#

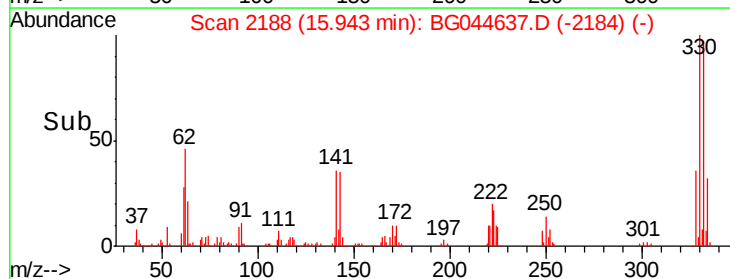
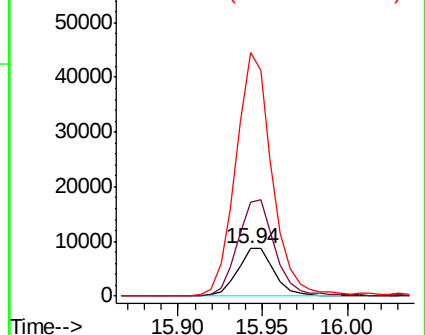
141 510.4 52.3 78.5#

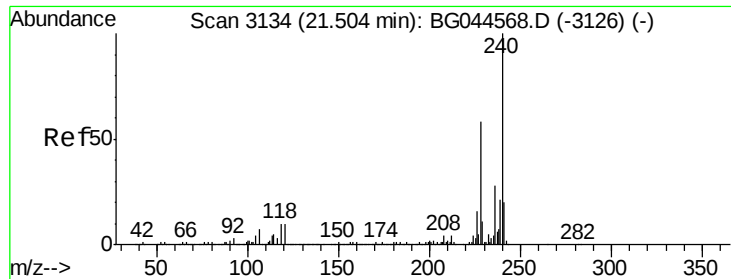


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

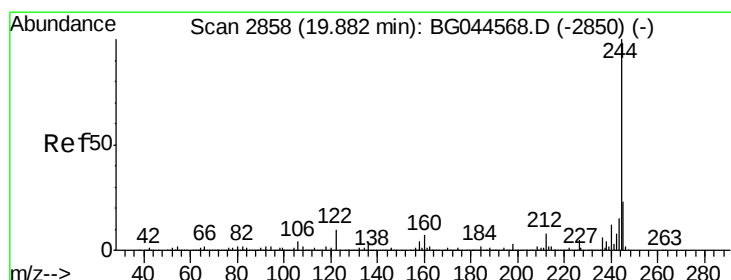
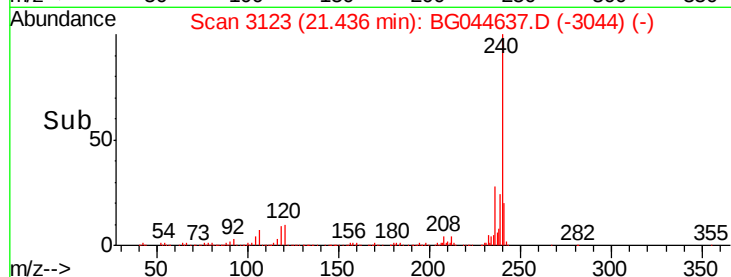
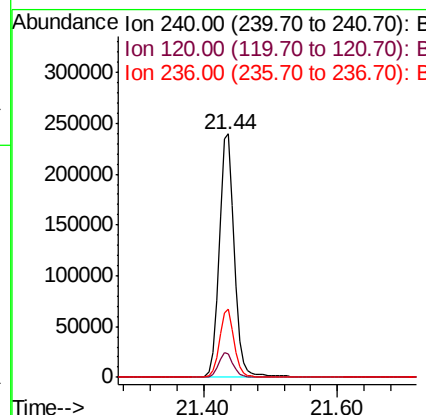
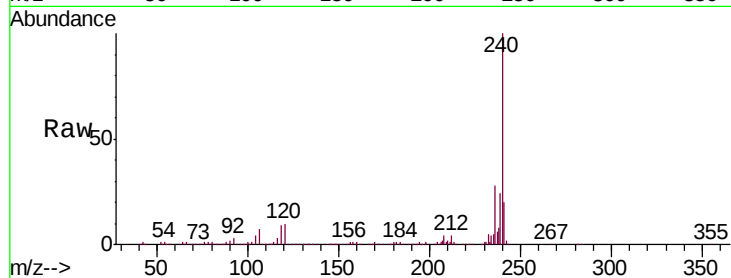




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.07 min
Lab File: BG044637.D
Acq: 2 Mar 2020 17:50

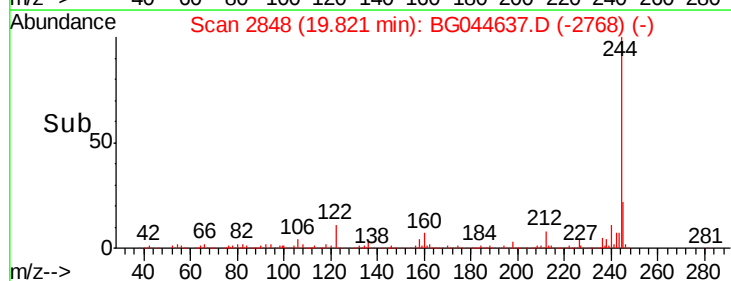
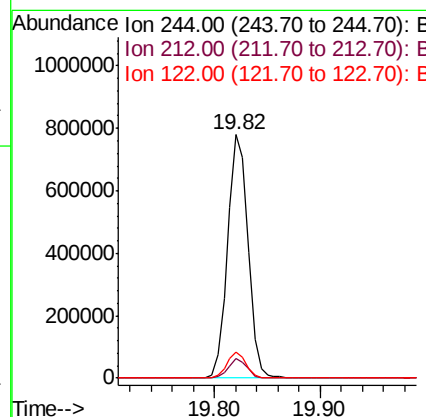
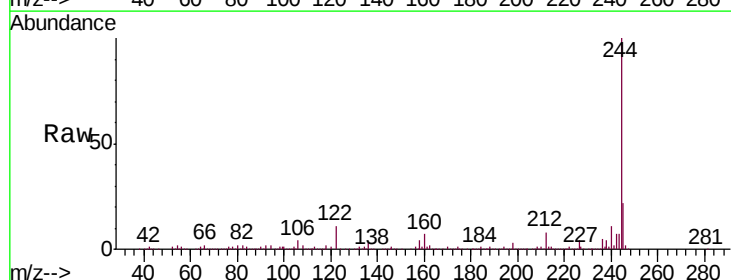
Instrument :
BNA_G
ClientSampleId :
GP-07-022720

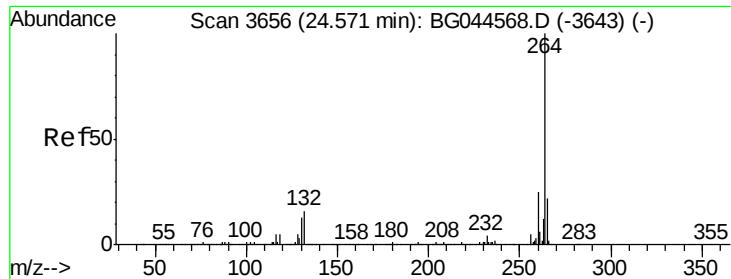
Tgt Ion:240 Resp: 383261
Ion Ratio Lower Upper
240 100
120 9.7 8.3 12.5
236 27.9 22.3 33.5



#79
Terphenyl-d14
Concen: 51.620 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.06 min
Lab File: BG044637.D
Acq: 2 Mar 2020 17:50

Tgt Ion:244 Resp: 1045067
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 10.7 8.2 12.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.12 min
Lab File: BG044637.D
Acq: 2 Mar 2020 17:50

Instrument :
BNA_G
ClientSampleId :
GP-07-022720

Tgt Ion: 264 Resp: 429283
Ion Ratio Lower Upper
264 100
260 24.7 19.7 29.5
265 21.8 17.8 26.8

