

Data File : BG044645.D
Acq On : 2 Mar 2020 23:05
Operator : CG/JU
Sample : L1743-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-8

Quant Time: Mar 03 06:16:43 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

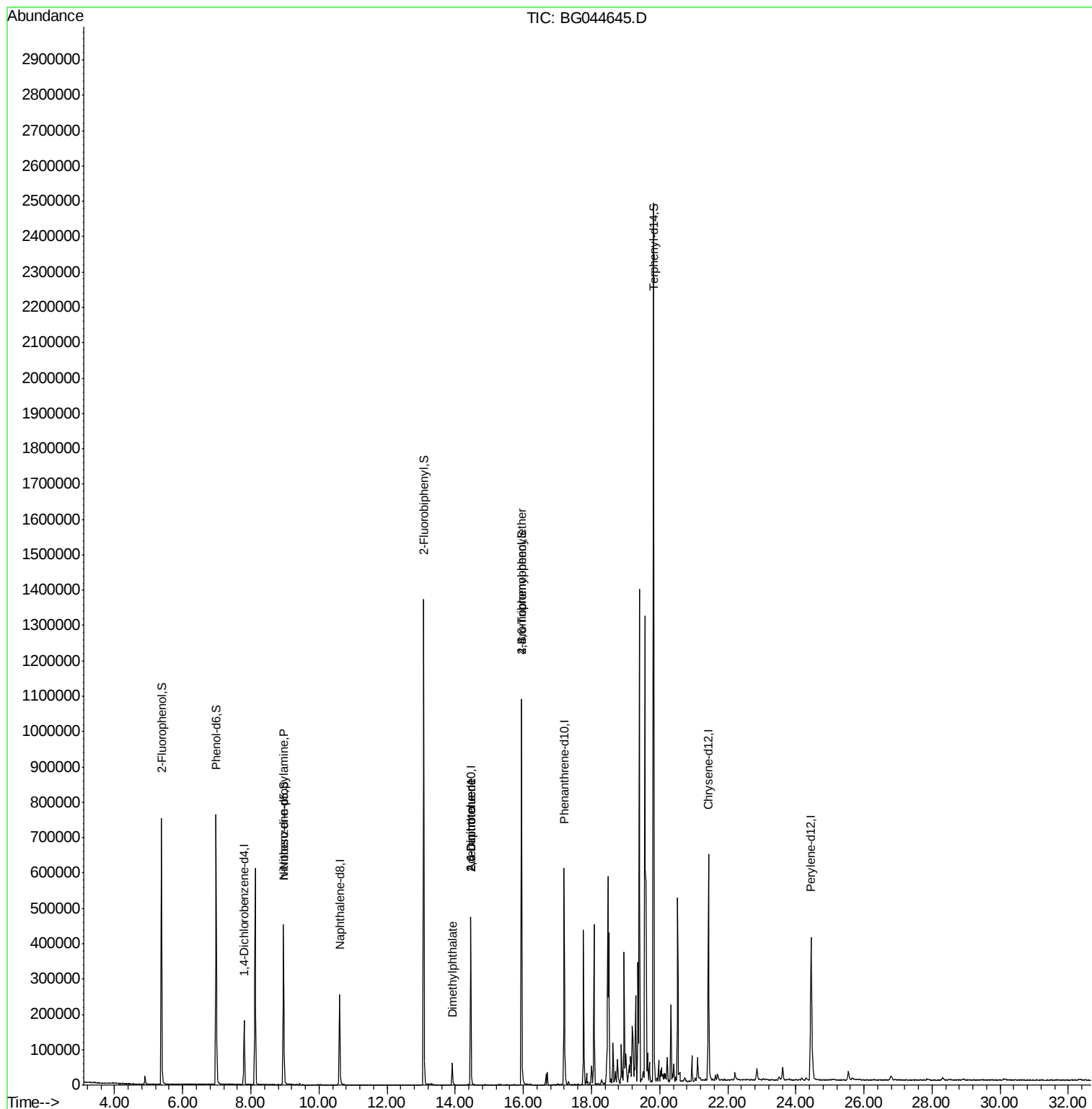
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	52483	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	244469	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	173366	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	397940	20.00	ng	-0.06
76) Chrysene-d12	21.43	240	365532	20.00	ng	-0.07
87) Perylene-d12	24.45	264	406162	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	366535	112.05	ng	-0.07
7) Phenol-d6	6.98	99	493860	110.30	ng	-0.07
23) Nitrobenzene-d5	8.96	82	295072	62.18	ng	-0.07
42) 2,4,6-Tribromophenol	15.94	330	222284	90.43	ng	-0.07
45) 2-Fluorobiphenyl	13.08	172	753527	62.24	ng	-0.06
79) Terphenyl-d14	19.82	244	1222310	63.30	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.96	70	37956	13.188	ng	# 77
50) Dimethylphthalate	13.91	163	52276	3.736	ng	# 98
51) 2,6-Dinitrotoluene	14.46	165	22141	7.175	ng	# 31
57) 2,4-Dinitrotoluene	14.46	165	22141	5.103	ng	# 30
67) 4-Bromophenyl-phenylether	15.94	248	14942	3.025	ng	# 1

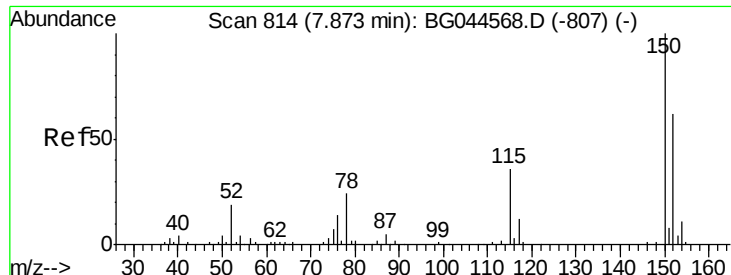
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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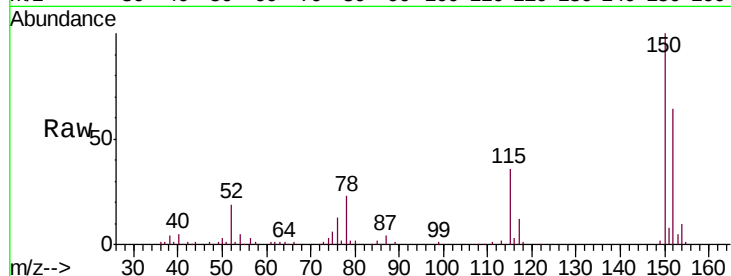


#1

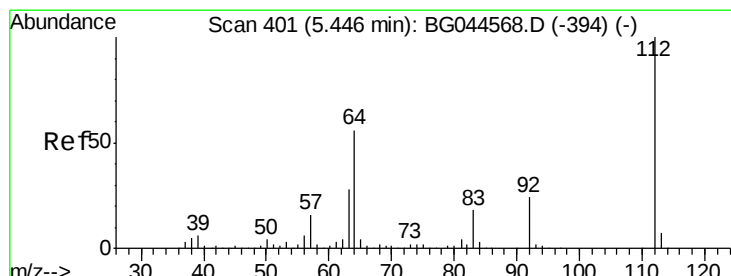
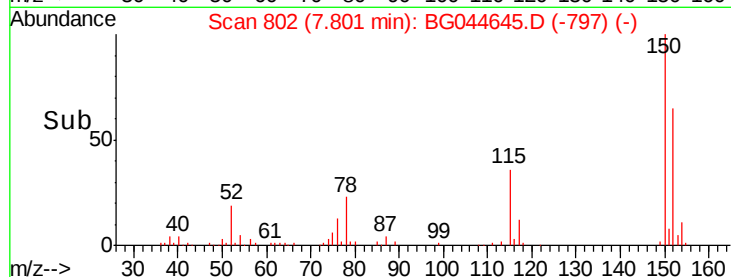
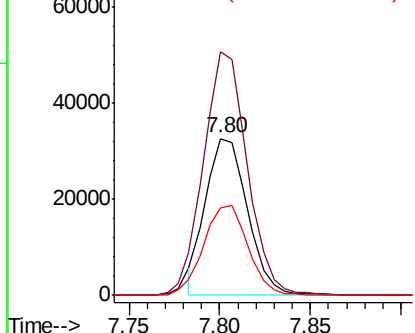
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.07 min
Lab File: BG044645.D
Acq: 2 Mar 2020 23:05

Instrument :
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ClientSampleId :
C-8

Tgt Ion:152 Resp: 52483
Ion Ratio Lower Upper
152 100
150 155.2 128.9 193.3
115 55.5 47.0 70.4



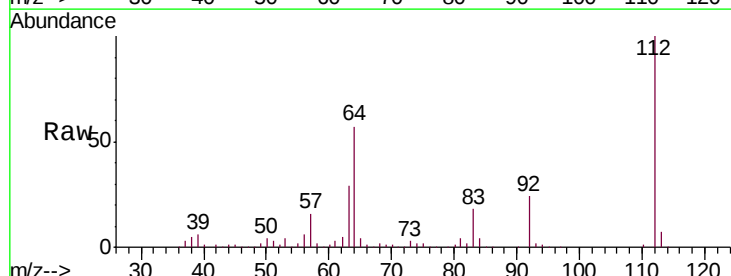
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



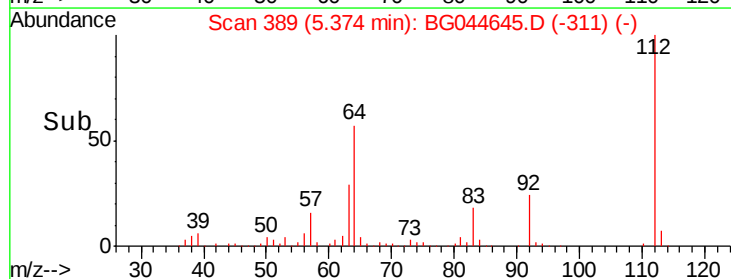
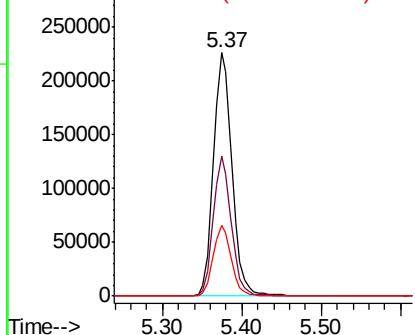
#5

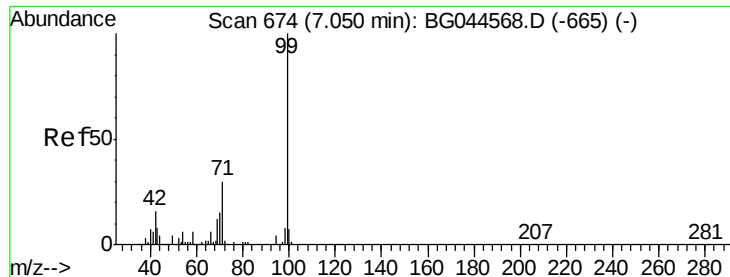
2-Fluorophenol
Concen: 112.054 ng
RT: 5.37 min Scan# 389
Delta R.T. -0.07 min
Lab File: BG044645.D
Acq: 2 Mar 2020 23:05

Tgt Ion:112 Resp: 366535
Ion Ratio Lower Upper
112 100
64 57.3 44.8 67.2
63 29.2 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: 110.300 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.07 min

Lab File: BG044645.D

Acq: 2 Mar 2020 23:05

Instrument :

BNA_G

ClientSampleId :

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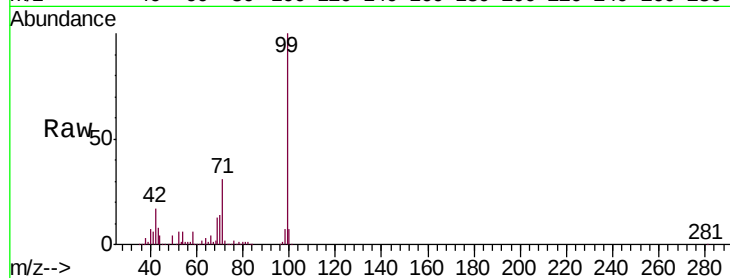
Tgt Ion: 99 Resp: 493860

Ion Ratio Lower Upper

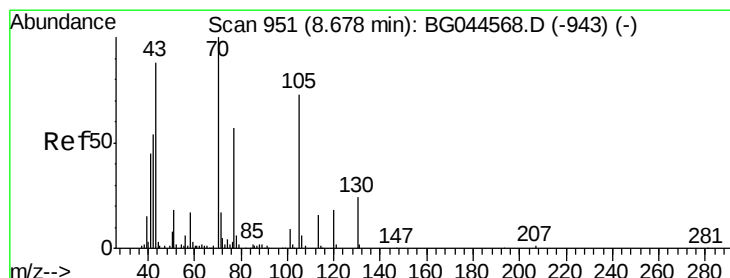
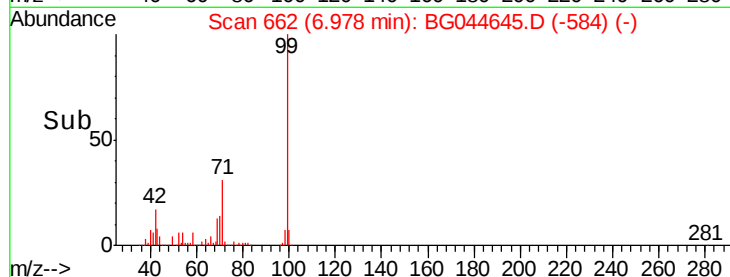
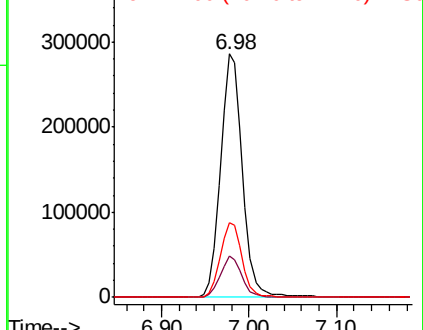
99 100

42 16.9 12.8 19.2

71 30.7 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: 13.188 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.28 min

Lab File: BG044645.D

Acq: 2 Mar 2020 23:05

Tgt Ion: 70 Resp: 37956

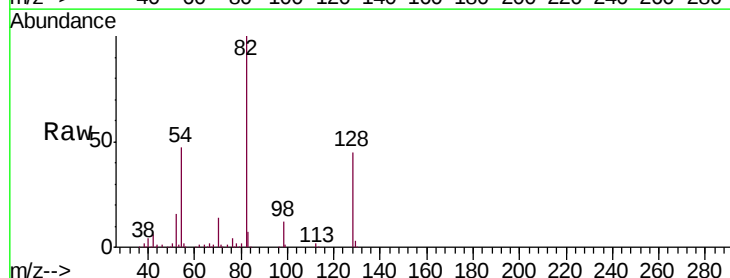
Ion Ratio Lower Upper

70 100

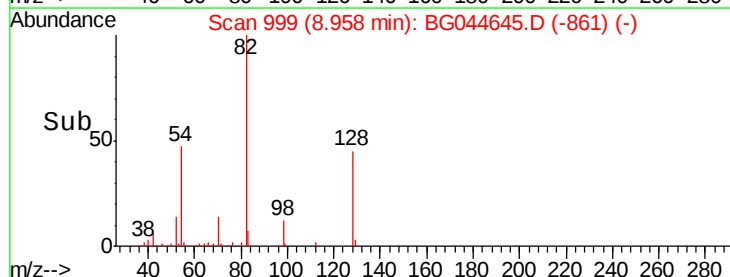
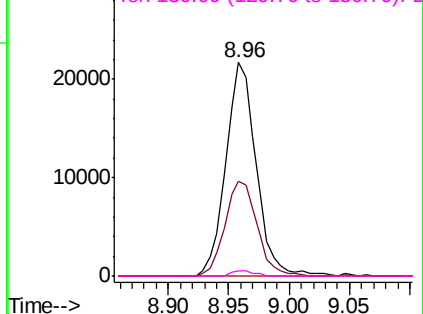
42 44.1 43.4 65.0

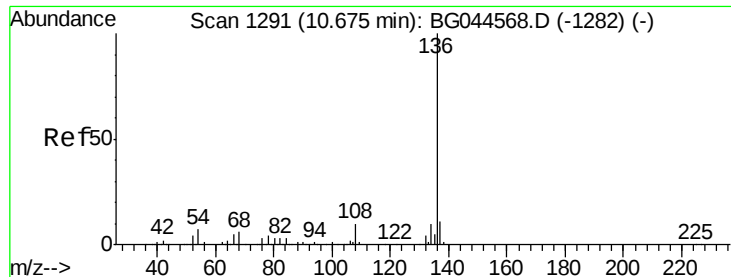
101 0.0 7.5 11.3#

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

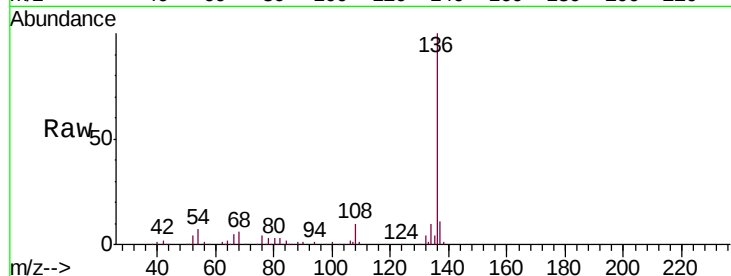




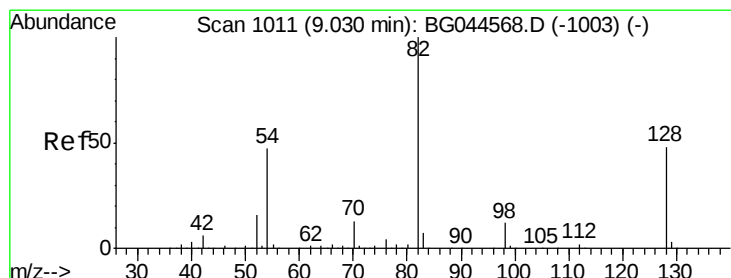
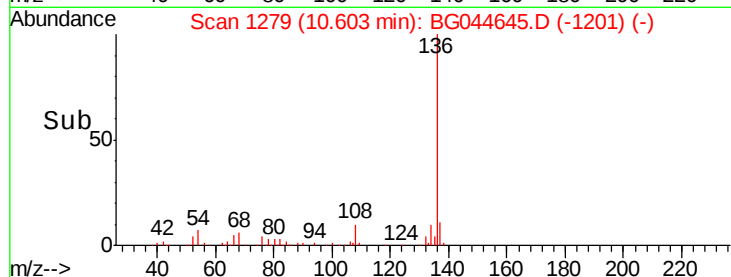
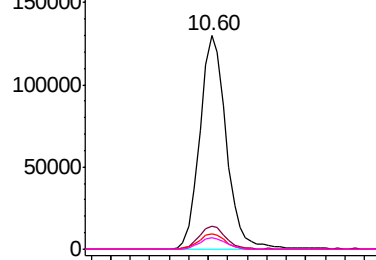
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BG044645.D
Acq: 2 Mar 2020 23:05

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Tgt Ion:	136	Resp:	244469
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.3	5.7	8.5
68	5.6	4.5	6.7

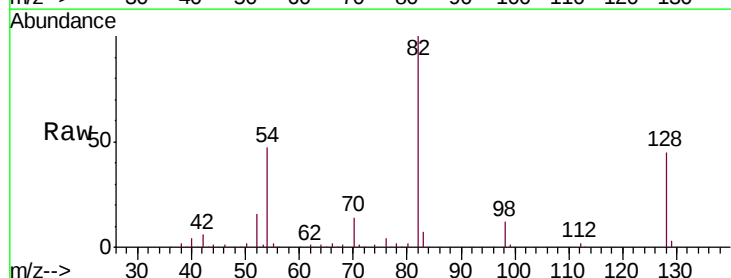


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

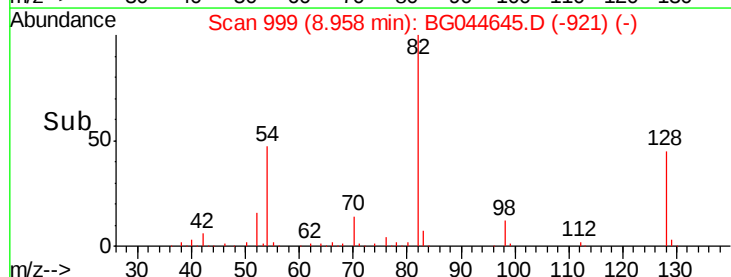
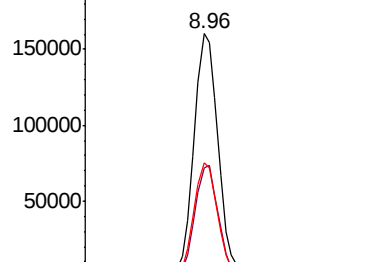


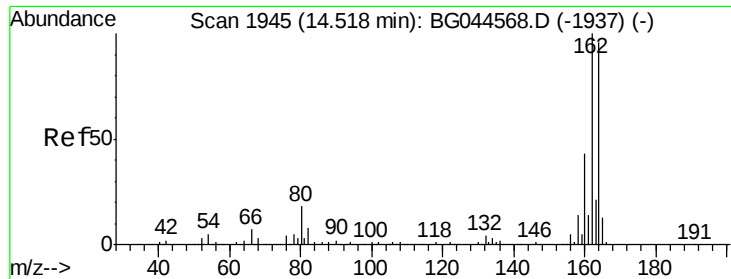
#23
Nitrobenzene-d5
Concen: 62.182 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.07 min
Lab File: BG044645.D
Acq: 2 Mar 2020 23:05

Tgt Ion:	82	Resp:	295072
Ion	Ratio	Lower	Upper
82	100		
128	44.6	38.1	57.1
54	47.1	37.5	56.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
200000
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: BG044645.D

Acq: 2 Mar 2020 23:05

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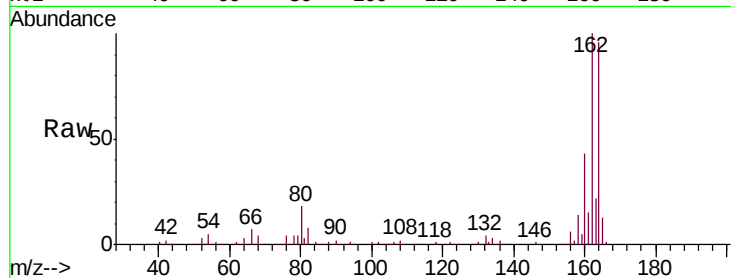
Tgt Ion:164 Resp: 173366

Ion Ratio Lower Upper

164 100

162 103.9 83.6 125.4

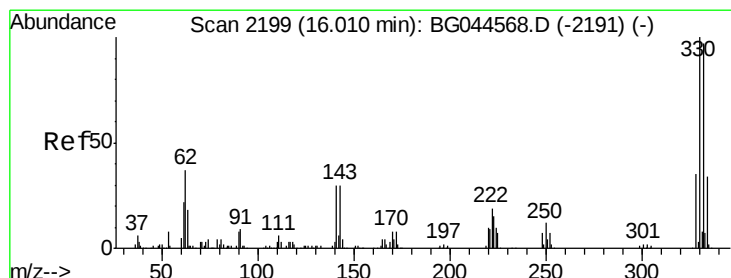
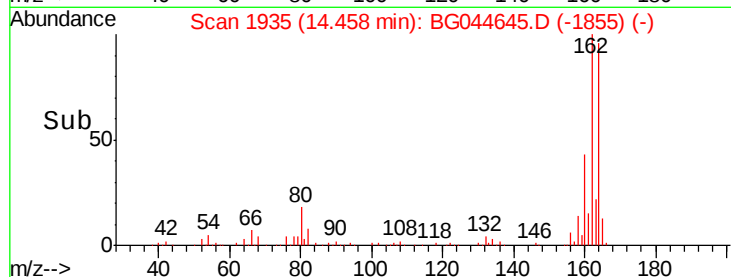
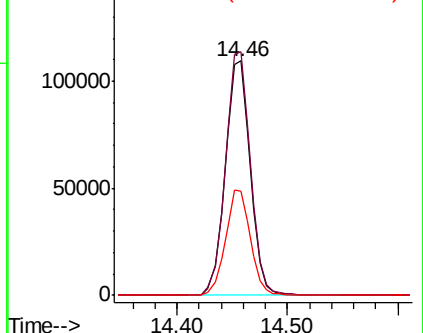
160 44.5 36.2 54.4



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: 90.426 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.07 min

Lab File: BG044645.D

Acq: 2 Mar 2020 23:05

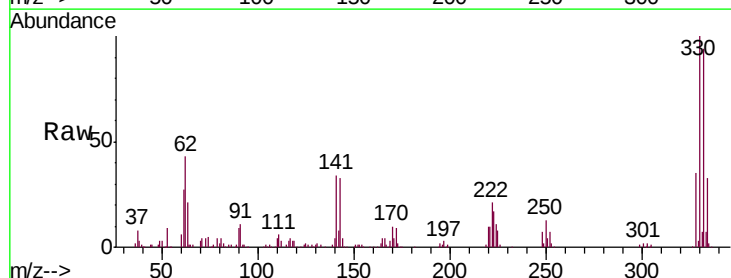
Tgt Ion:330 Resp: 222284

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

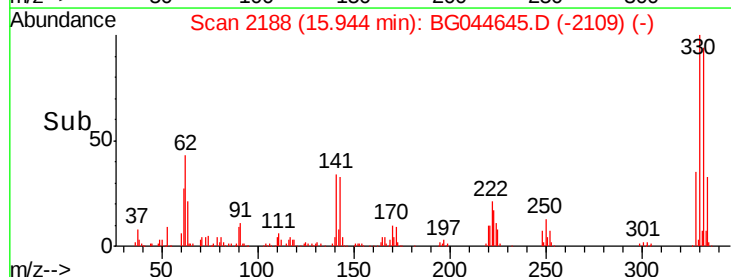
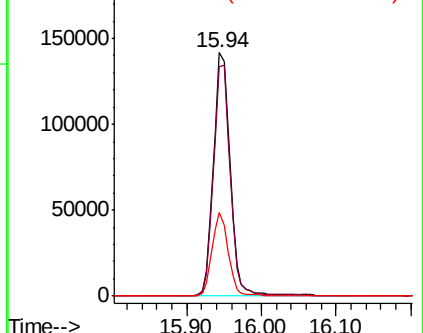
141 33.4 26.1 39.1

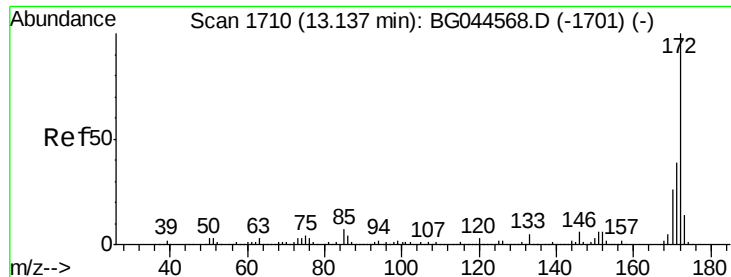


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

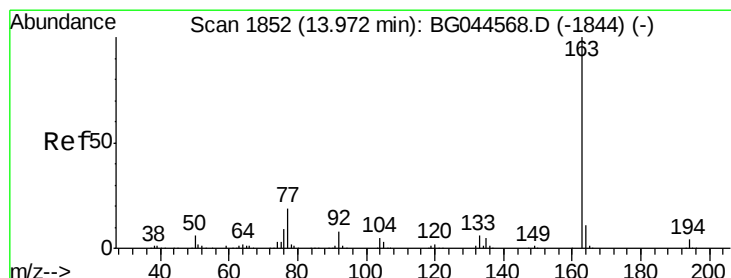
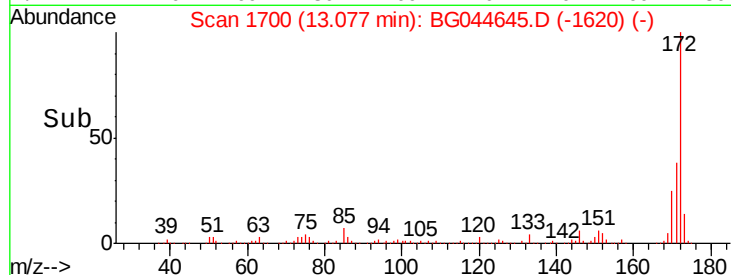
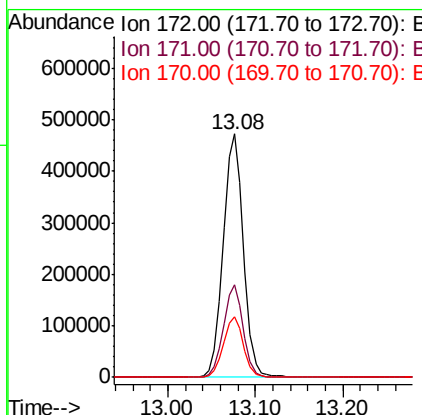
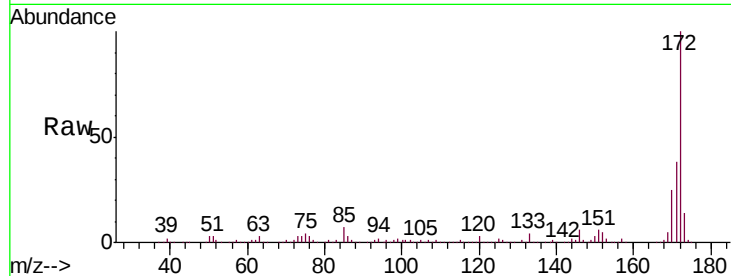




#45
 2-Fluorobiphenyl
 Concen: 62.241 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044645.D
 Acq: 2 Mar 2020 23:05

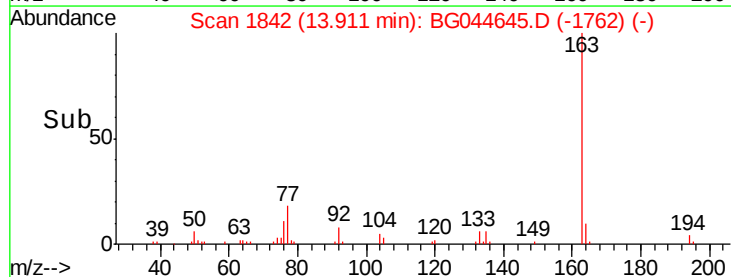
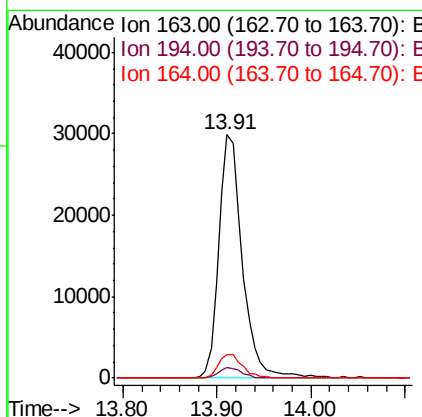
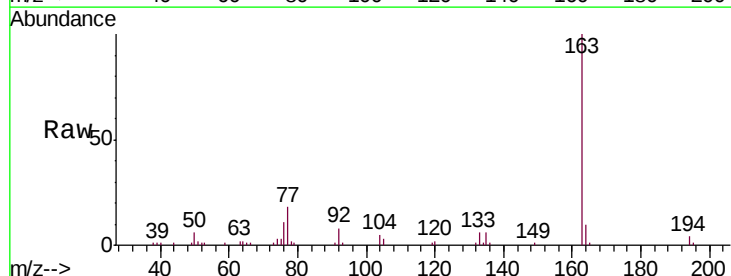
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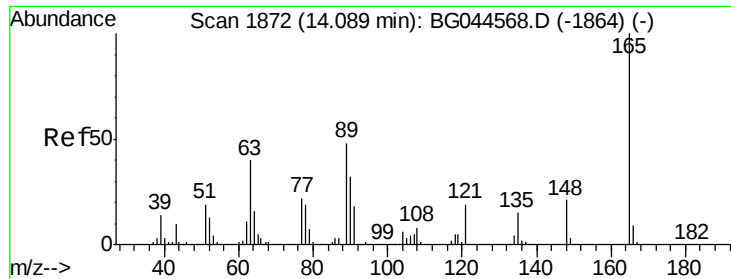
Tgt Ion:	172	Resp:	753527
Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	25.0	21.0	31.4



#50
 Dimethylphthalate
 Concen: 3.736 ng
 RT: 13.91 min Scan# 1842
 Delta R.T. -0.06 min
 Lab File: BG044645.D
 Acq: 2 Mar 2020 23:05

Tgt Ion:	163	Resp:	52276
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.9	8.7	13.1

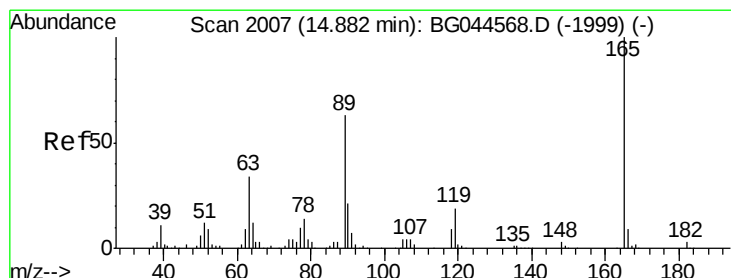
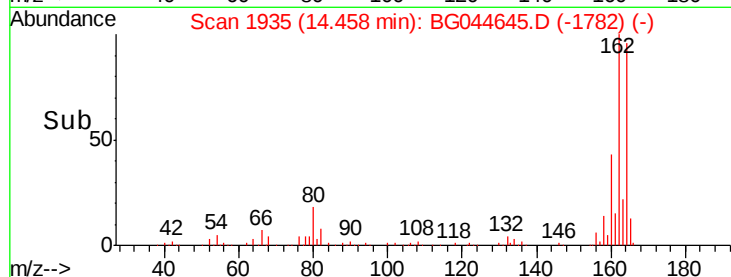
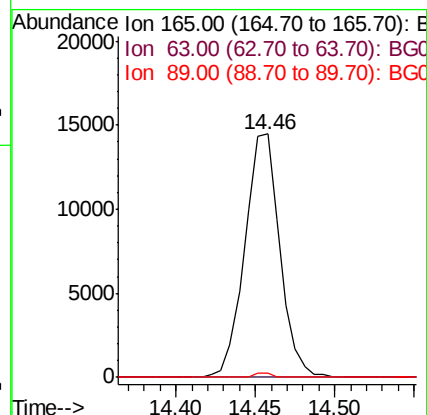
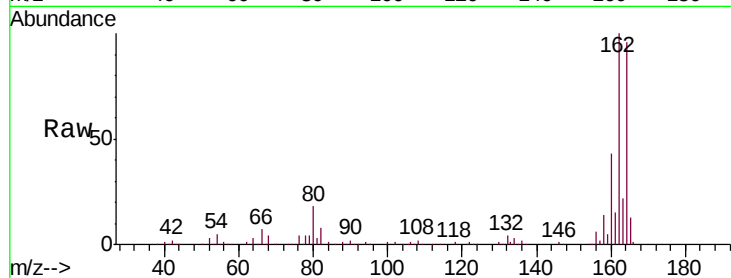




#51
 2,6-Dinitrotoluene
 Concen: 7.175 ng
 RT: 14.46 min Scan# 1935
 Delta R.T. 0.37 min
 Lab File: BG044645.D
 Acq: 2 Mar 2020 23:05

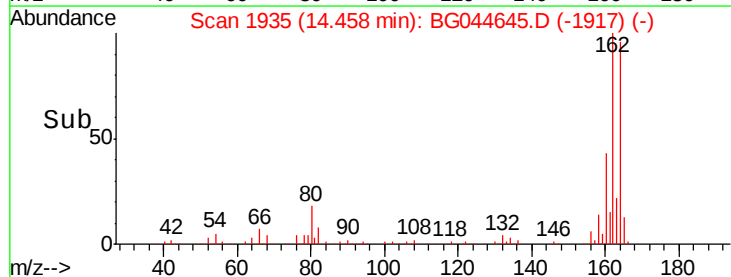
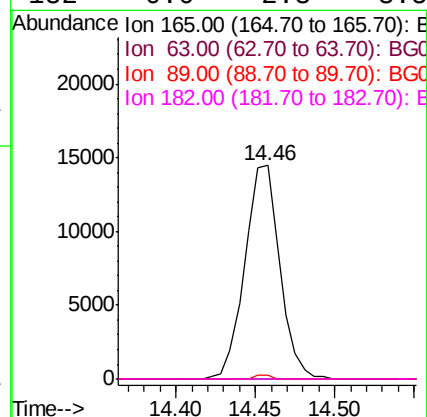
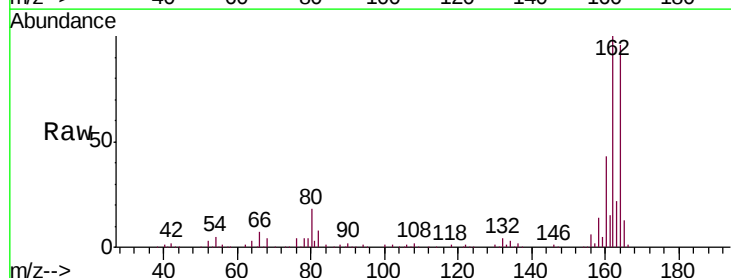
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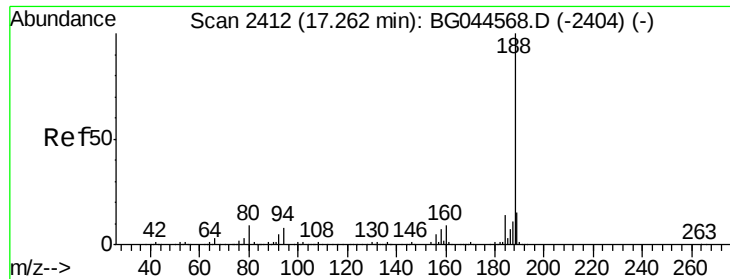
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.8	53.6#
89	1.6	38.7	58.1#



#57
 2,4-Dinitrotoluene
 Concen: 5.103 ng
 RT: 14.46 min Scan# 1935
 Delta R.T. -0.42 min
 Lab File: BG044645.D
 Acq: 2 Mar 2020 23:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.5	41.3#
89	1.6	50.0	75.0#
182	0.0	2.3	3.5#

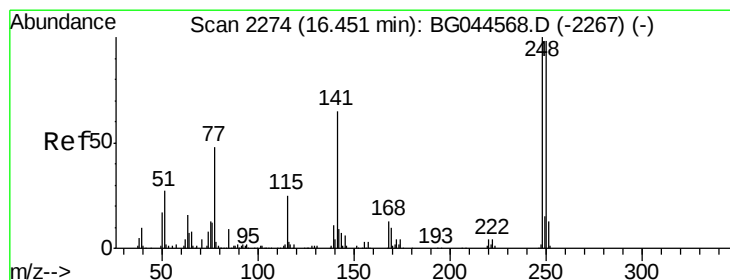
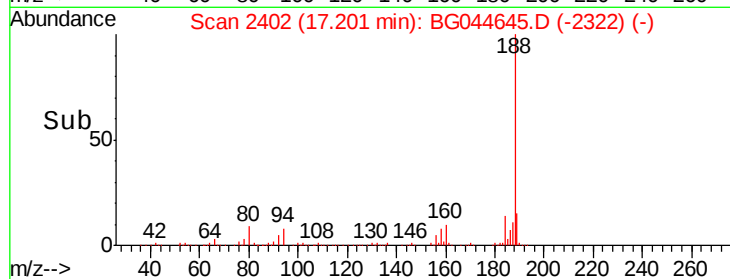
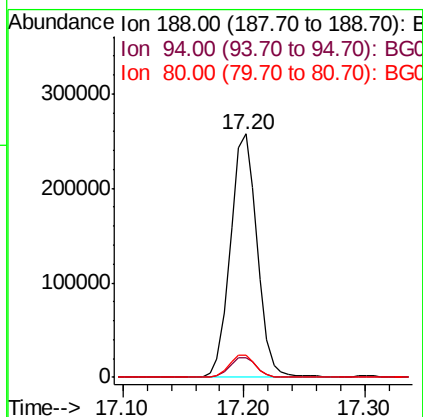
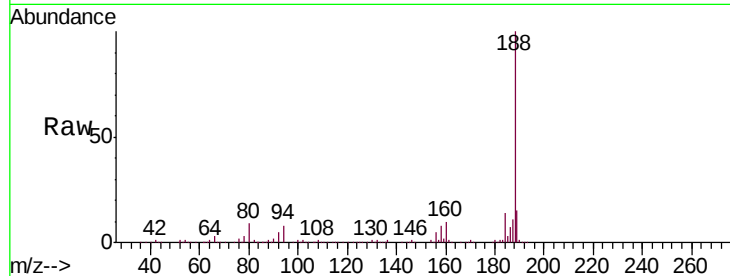




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.20 min Scan# 2402
 Delta R.T. -0.06 min
 Lab File: BG044645.D
 Acq: 2 Mar 2020 23:05

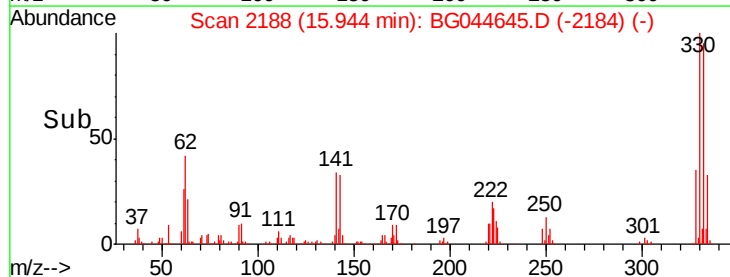
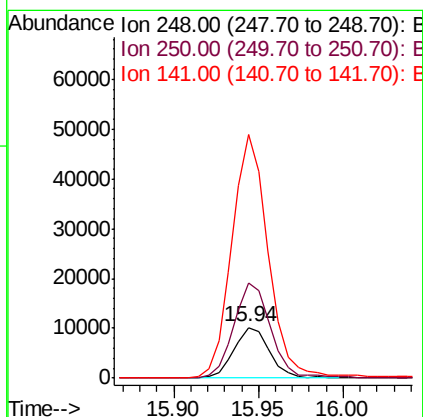
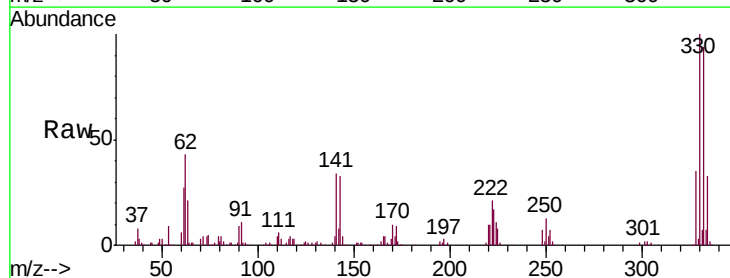
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 C-8

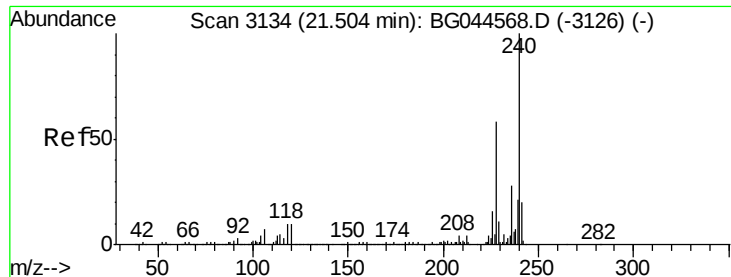
Tgt Ion:188 Resp: 397940
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.7 10.1
 80 9.2 7.6 11.4



#67
 4-Bromophenyl-phenylether
 Concen: 3.025 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.51 min
 Lab File: BG044645.D
 Acq: 2 Mar 2020 23:05

Tgt Ion:248 Resp: 14942
 Ion Ratio Lower Upper
 248 100
 250 187.9 78.7 118.1#
 141 479.9 52.3 78.5#

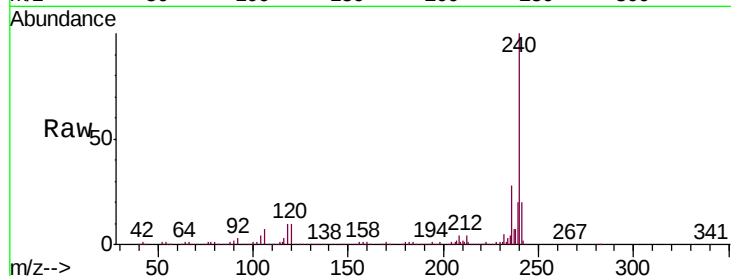




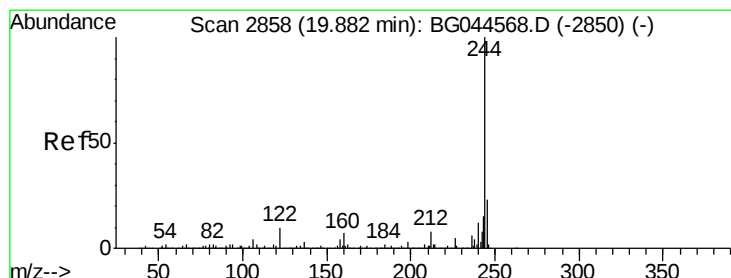
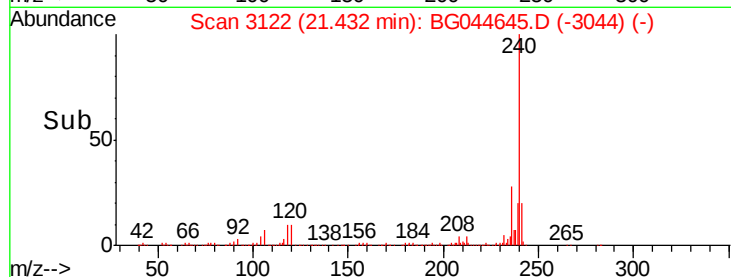
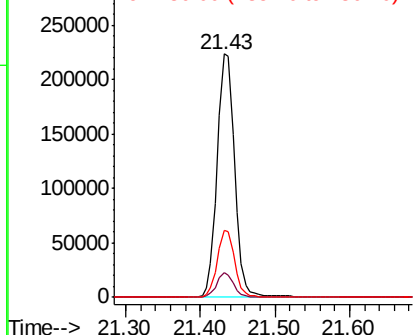
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.07 min
Lab File: BG044645.D
Acq: 2 Mar 2020 23:05

Instrument :
BNA_G
ClientSampleId :
C-8

Tgt Ion:240 Resp: 365532
Ion Ratio Lower Upper
240 100
120 10.1 8.3 12.5
236 27.5 22.3 33.5

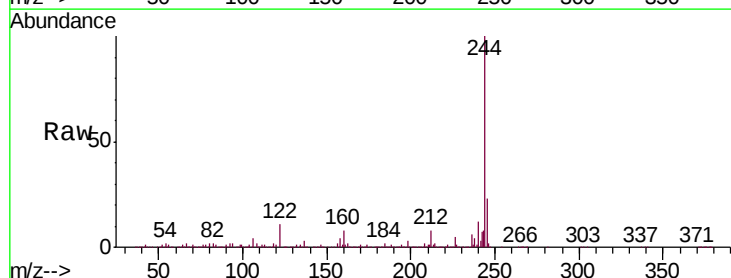


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

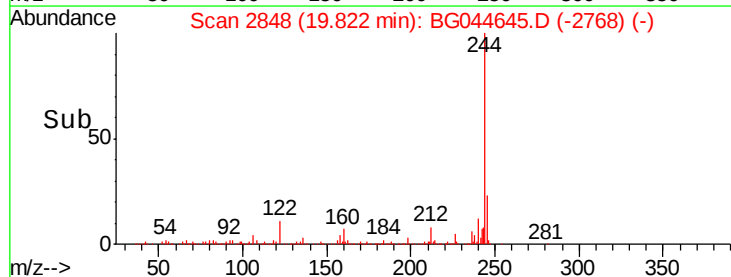
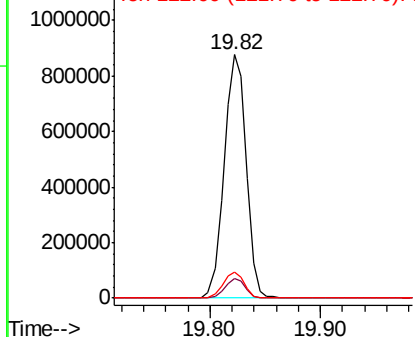


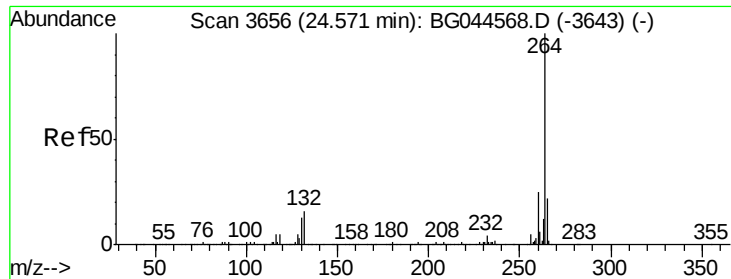
#79
Terphenyl-d14
Concen: 63.303 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.06 min
Lab File: BG044645.D
Acq: 2 Mar 2020 23:05

Tgt Ion:244 Resp: 1222310
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 10.7 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: 24.45 min Scan# 3636
Delta R.T. -0.12 min
Lab File: BG044645.D
Acq: 2 Mar 2020 23:05

Instrument :
BNA_G
ClientSampleId :
C-8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	21.9	17.8	26.8

