

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044440.D
 Acq On : 14 Feb 2020 16:01
 Operator : CG/JU
 Sample : L1523-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Feb 15 06:01:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

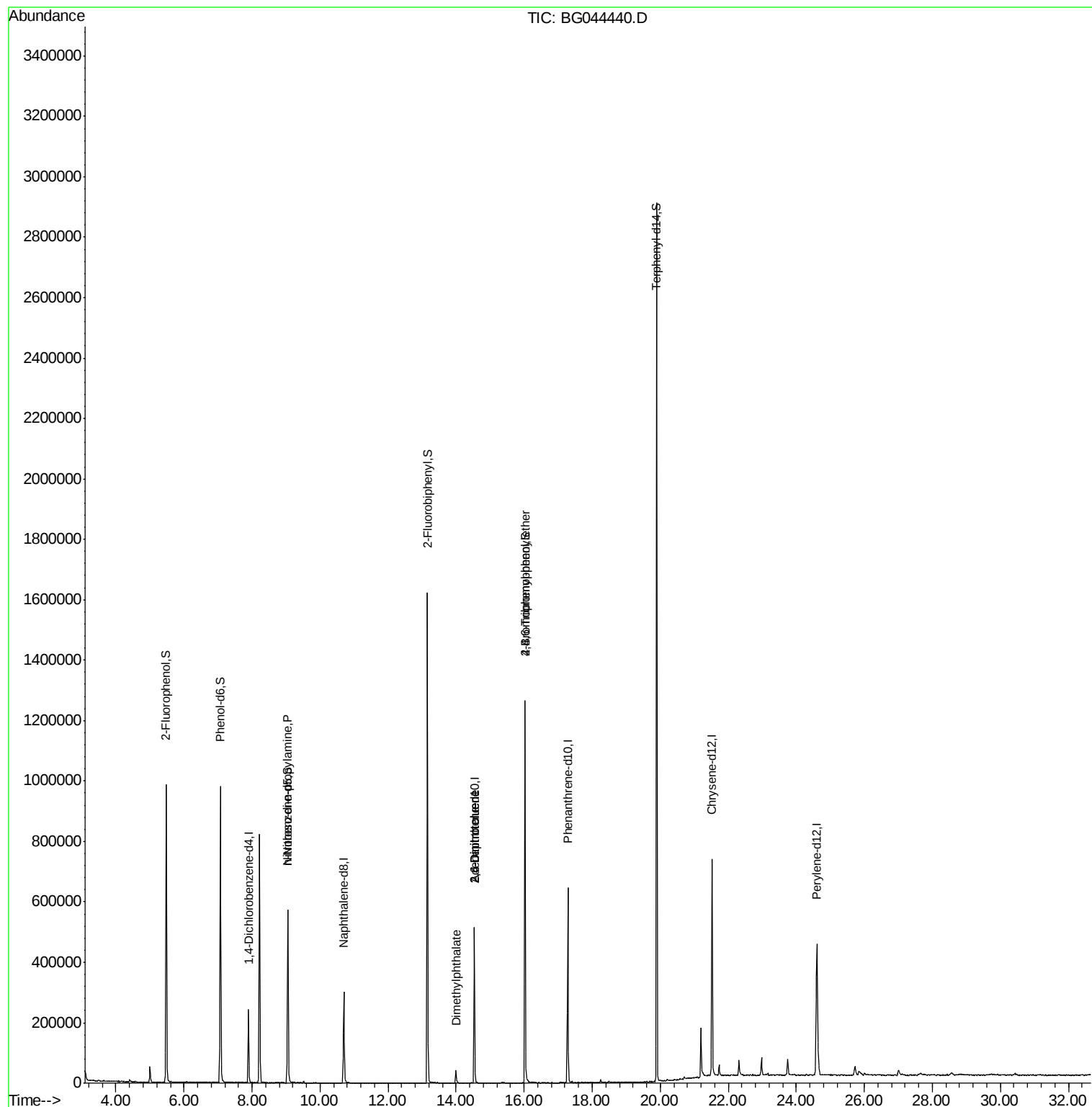
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	75483	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	302420	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	194131	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	440201	20.00	ng	0.00
76) Chrysene-d12	21.52	240	426805	20.00	ng	-0.01
87) Perylene-d12	24.60	264	443837	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	503701	117.77	ng	0.00
7) Phenol-d6	7.07	99	638056	111.09	ng	0.00
23) Nitrobenzene-d5	9.05	82	387820	72.40	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	251954	110.56	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	902642	77.86	ng	0.00
79) Terphenyl-d14	19.90	244	1452832	70.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.05	70	49616	12.962	ng	Qvalue # 78
50) Dimethylphthalate	13.99	163	41483	2.973	ng	# 98
51) 2,6-Dinitrotoluene	14.53	165	24984	8.030	ng	# 30
57) 2,4-Dinitrotoluene	14.53	165	24984	5.729	ng	# 28
67) 4-Bromophenyl-phenylether	16.02	248	17468	3.642	ng	# 1

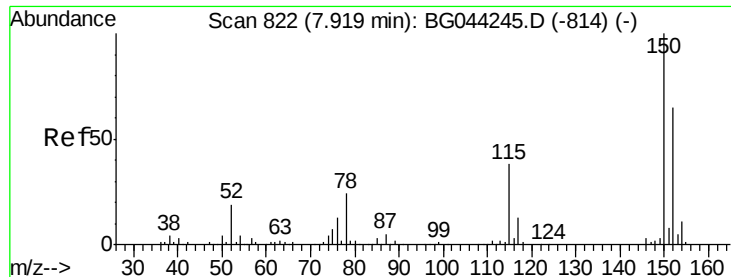
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG044440.D

Acq: 14 Feb 2020 16:01

Instrument :

BNA_G

ClientSampleId :

COMP-1

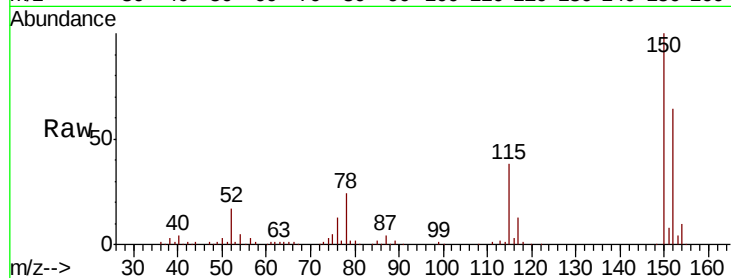
Tot Ion:152 Resp: 75483

Ion Ratio Lower Upper

152 100

150 155.3 122.6 183.8

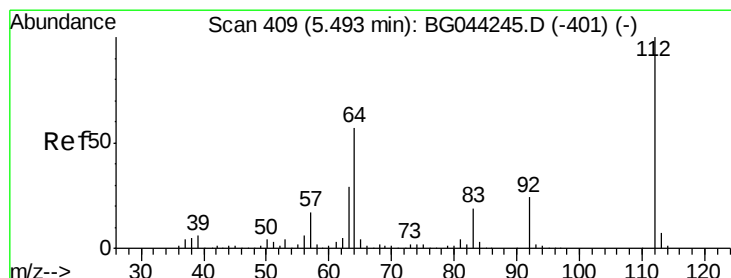
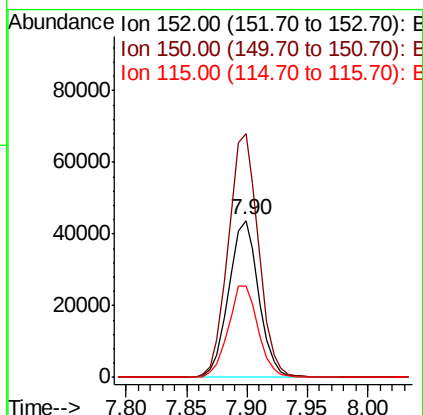
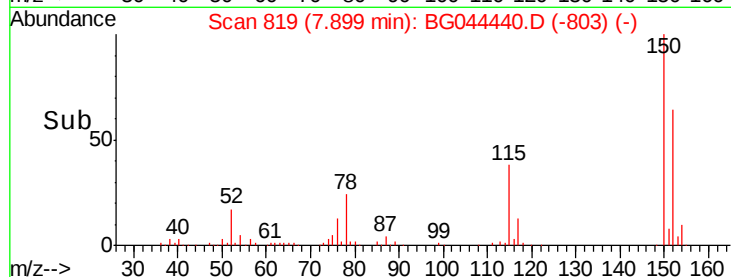
115 58.4 46.0 69.0



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: 117.769 ng

RT: 5.48 min Scan# 407

Delta R.T. -0.00 min

Lab File: BG044440.D

Acq: 14 Feb 2020 16:01

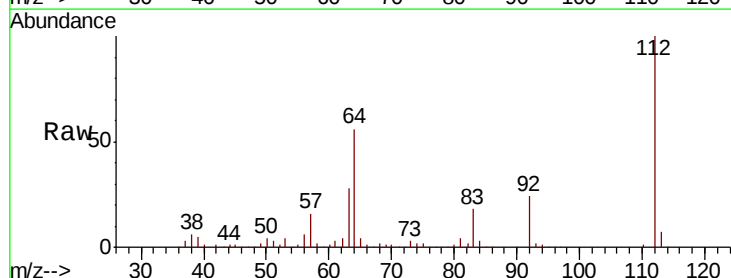
Tgt Ion:112 Resp: 503701

Ion Ratio Lower Upper

112 100

64 55.9 45.4 68.2

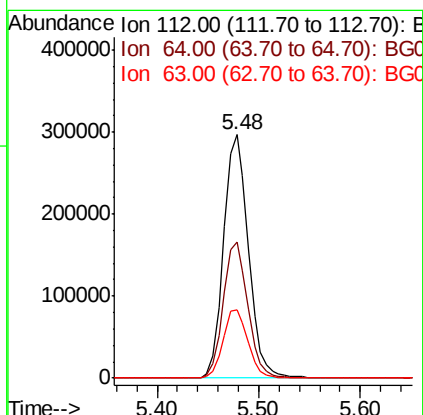
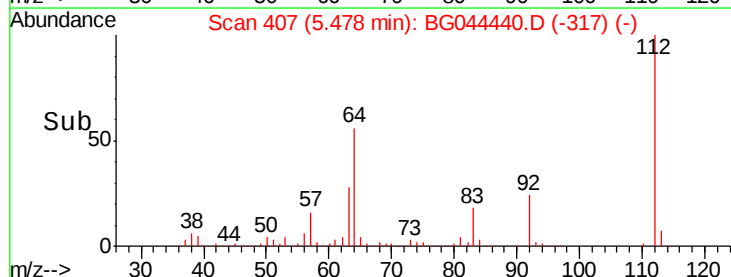
63 28.2 22.9 34.3

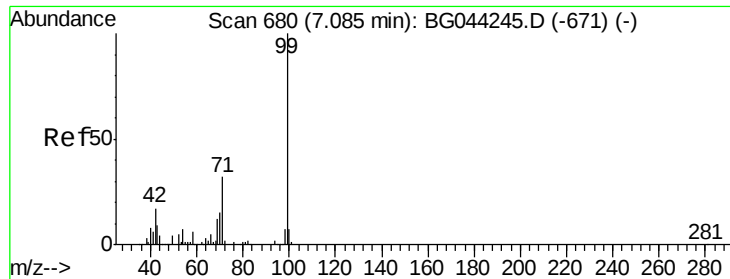


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 111.093 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044440.D

Acq: 14 Feb 2020 16:01

Instrument :

BNA_G

ClientSampleId :

COMP-1

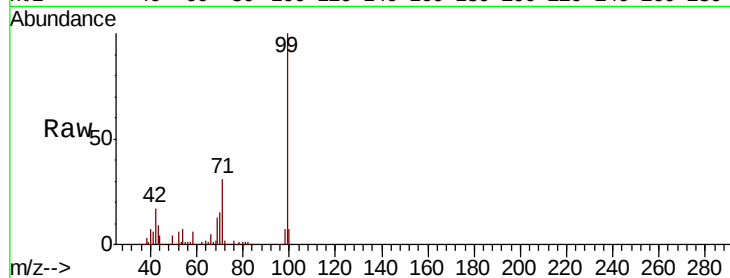
Tot Ion: 99 Resp: 638056

Ion Ratio Lower Upper

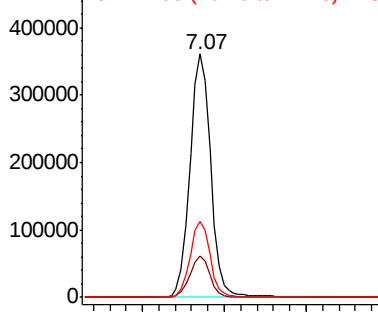
99 100

42 16.9 13.8 20.6

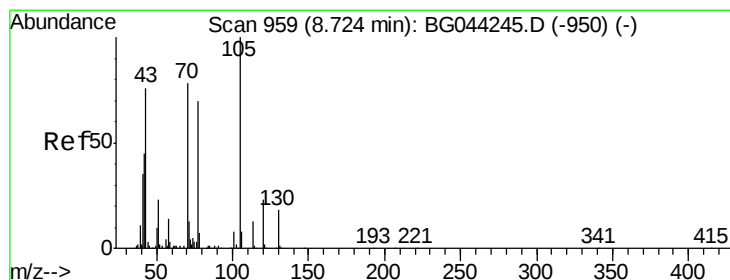
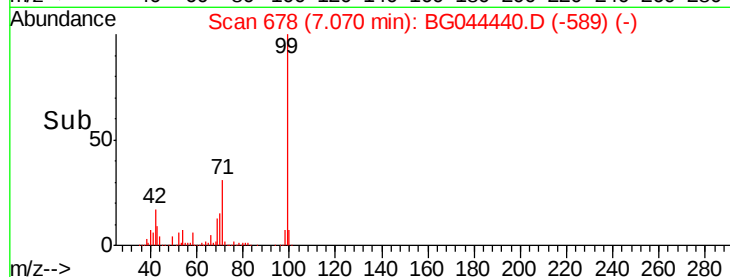
71 31.3 25.5 38.3



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



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 12.962 ng

RT: 9.05 min Scan# 1015

Delta R.T. 0.34 min

Lab File: BG044440.D

Acq: 14 Feb 2020 16:01

Tgt Ion: 70 Resp: 49616

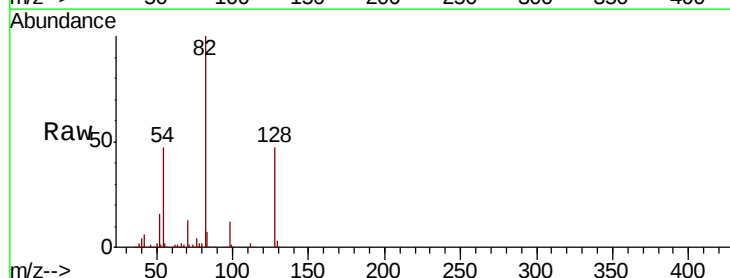
Ion Ratio Lower Upper

70 100

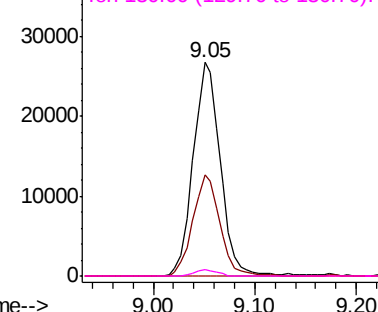
42 47.2 46.2 69.2

101 0.0 8.4 12.6#

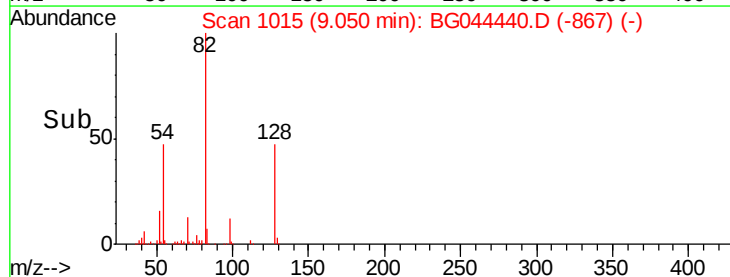
130 3.0 17.8 26.8#

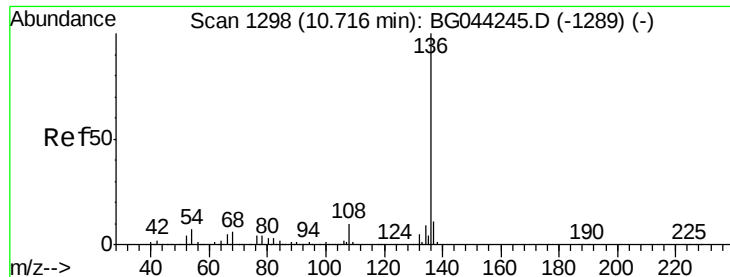


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



Time-->

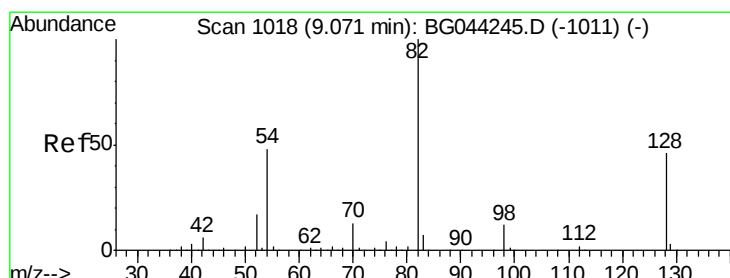
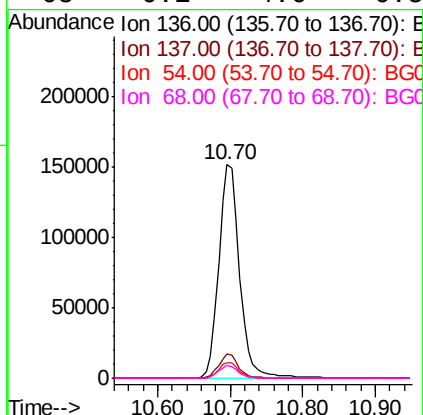
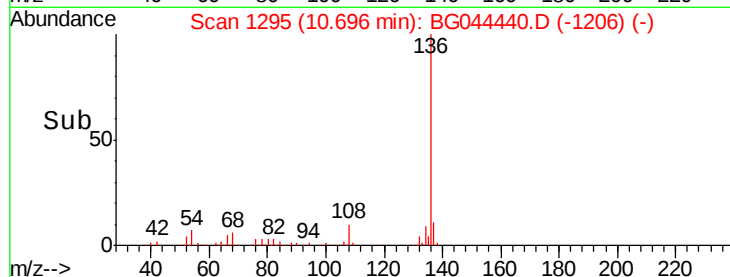
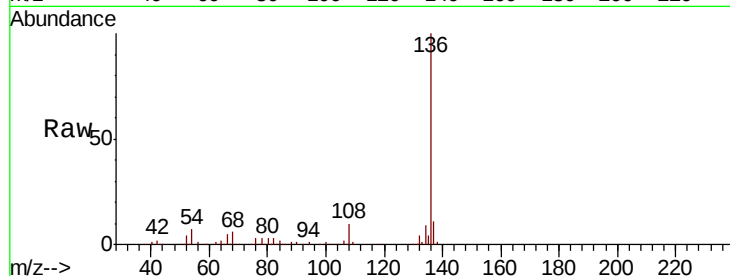




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG044440.D
Acq: 14 Feb 2020 16:01

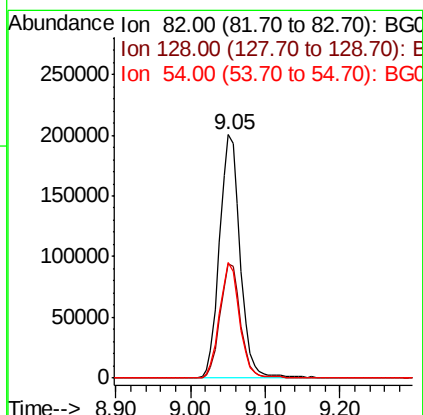
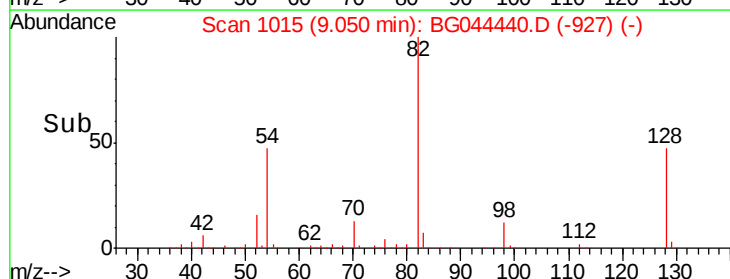
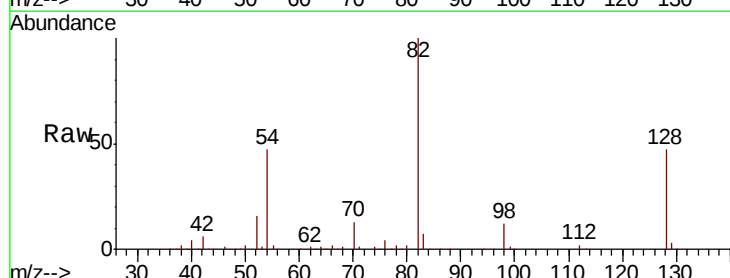
Instrument :
BNA_G
ClientSampleId :
COMP-1

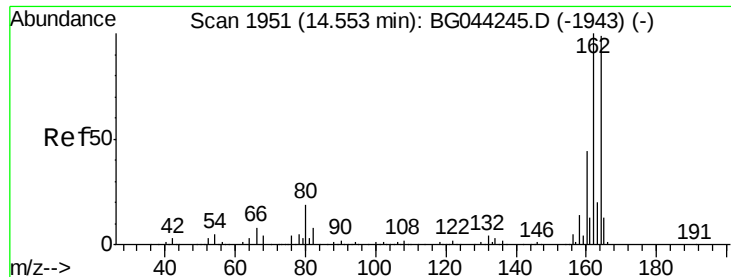
Tot Ion:136	Resp:	302420
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 7.2	5.8	8.8
68 6.1	4.6	6.8



#23
Nitrobenzene-d5
Concen: 72.399 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044440.D
Acq: 14 Feb 2020 16:01

Tgt Ion: 82	Resp: 387820
Ion Ratio	Lower Upper
82 100	
128 47.1	36.5 54.7
54 47.3	38.6 58.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG044440.D

Acq: 14 Feb 2020 16:01

Instrument :

BNA_G

ClientSampleId :

COMP-1

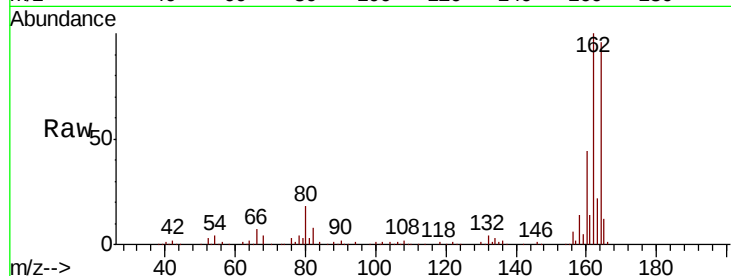
Tot Ion:164 Resp: 194131

Ion Ratio Lower Upper

164 100

162 103.7 80.7 121.1

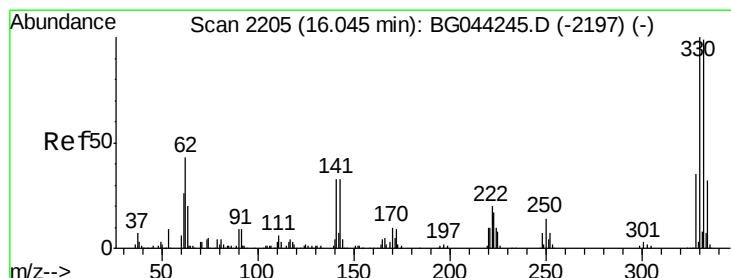
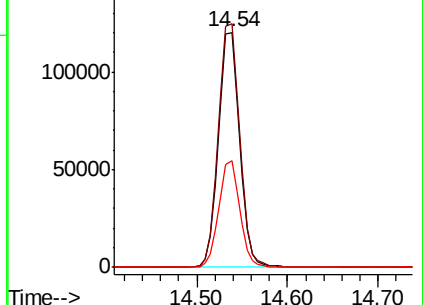
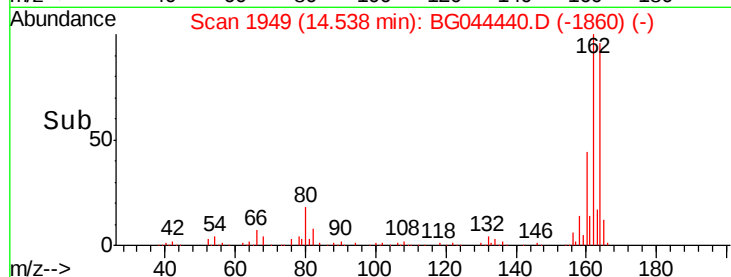
160 45.6 35.3 52.9



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: 110.555 ng

RT: 16.02 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044440.D

Acq: 14 Feb 2020 16:01

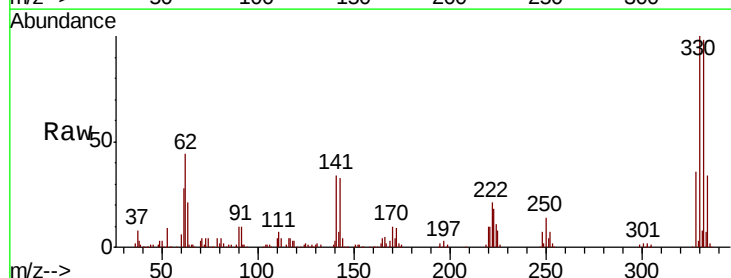
Tgt Ion:330 Resp: 251954

Ion Ratio Lower Upper

330 100

332 98.0 77.2 115.8

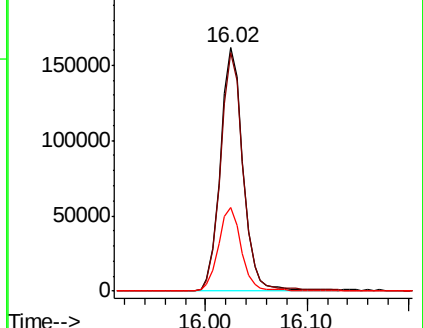
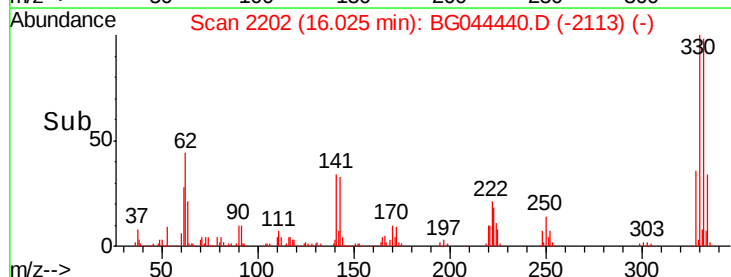
141 34.7 28.3 42.5

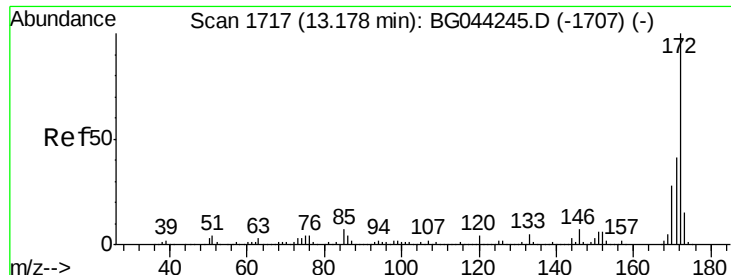


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

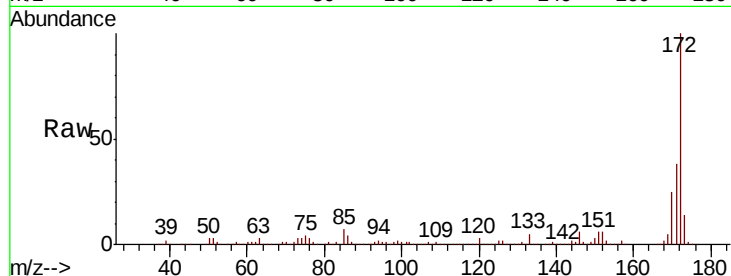




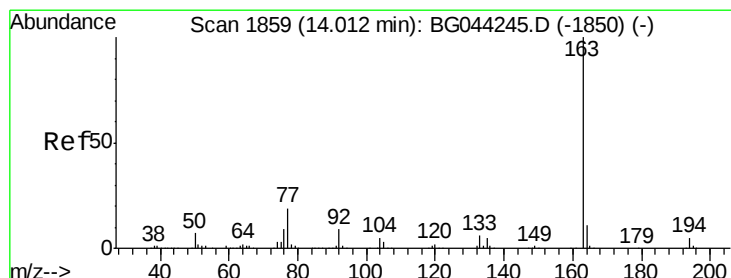
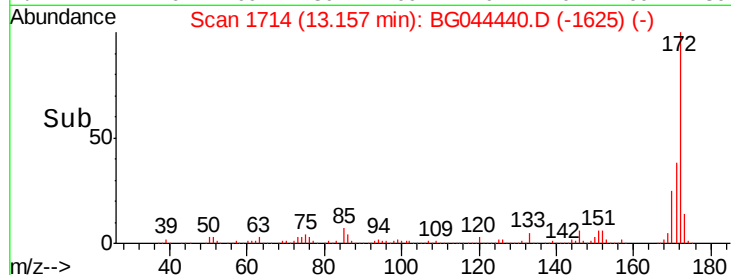
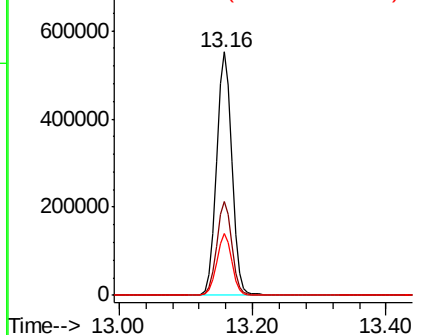
#45
2-Fluorobiphenyl
Concen: 77.861 ng
RT: 13.16 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG044440.D
Acq: 14 Feb 2020 16:01

Instrument :
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ClientSampleId :
COMP-1

Tot Ion:172 Resp: 902642
Ion Ratio Lower Upper
172 100
171 38.4 32.9 49.3
170 25.3 22.0 33.0

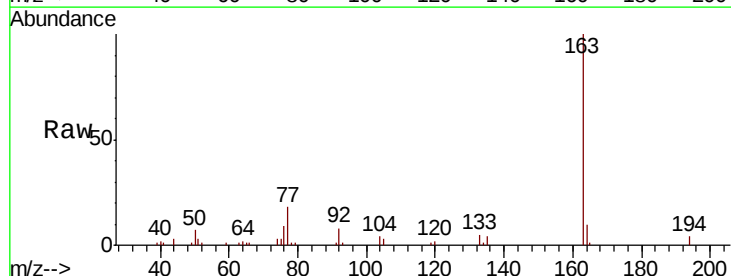


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

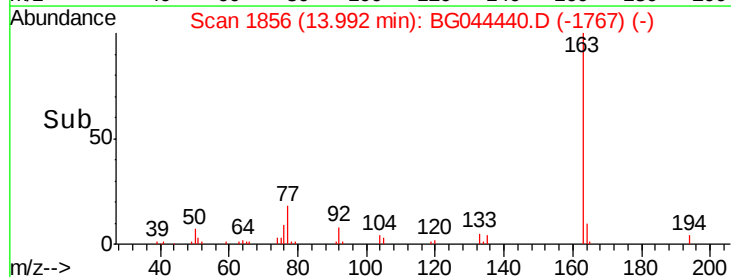
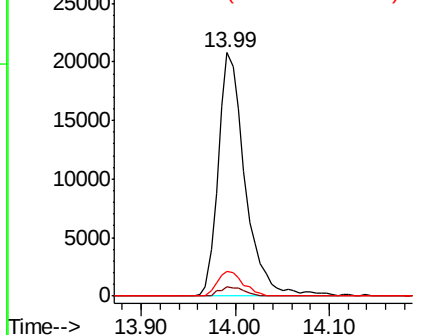


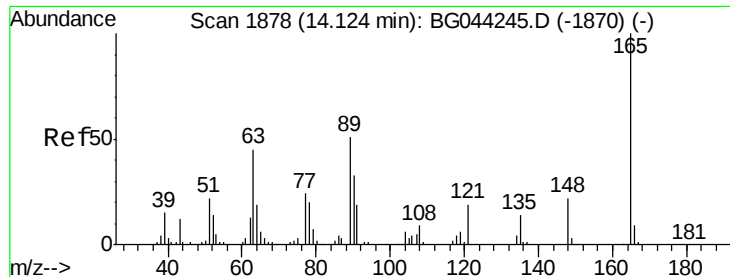
#50
Dimethylphthalate
Concen: 2.973 ng
RT: 13.99 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BG044440.D
Acq: 14 Feb 2020 16:01

Tgt Ion:163 Resp: 41483
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
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

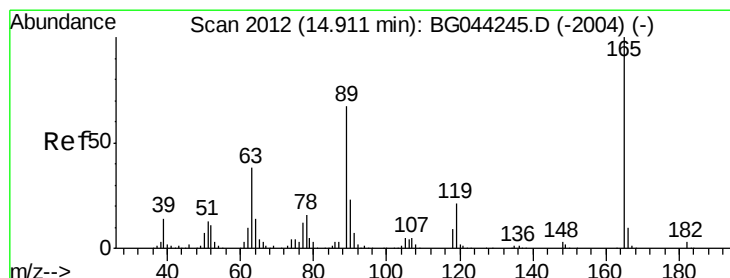
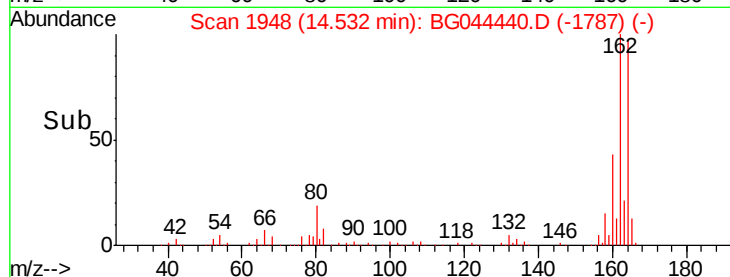
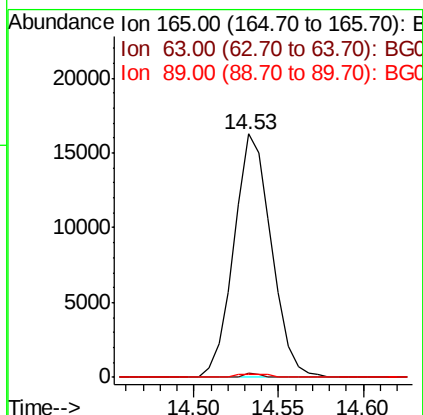
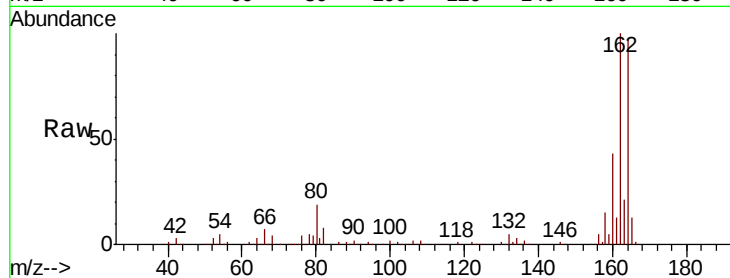




#51
 2,6-Dinitrotoluene
 Concen: 8.030 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG044440.D
 Acq: 14 Feb 2020 16:01

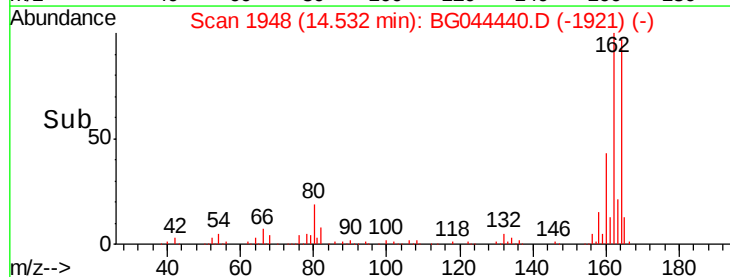
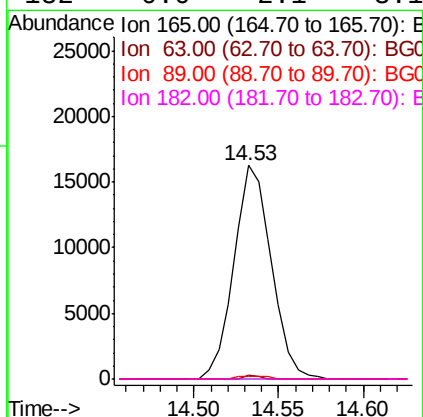
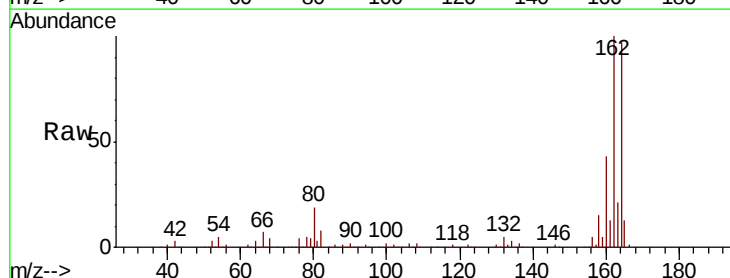
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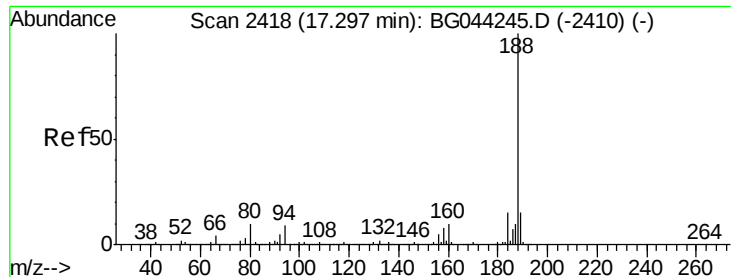
Tot Ion:165 Resp: 24984
 Ion Ratio Lower Upper
 165 100
 63 1.6 38.7 58.1#
 89 1.3 40.4 60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.729 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG044440.D
 Acq: 14 Feb 2020 16:01

Tgt Ion:165 Resp: 24984
 Ion Ratio Lower Upper
 165 100
 63 1.6 30.3 45.5#
 89 1.3 53.4 80.2#
 182 0.0 2.1 3.1#

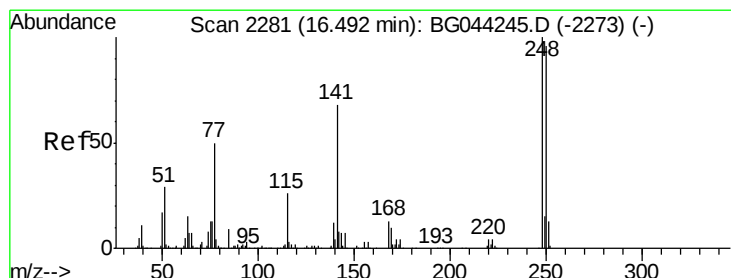
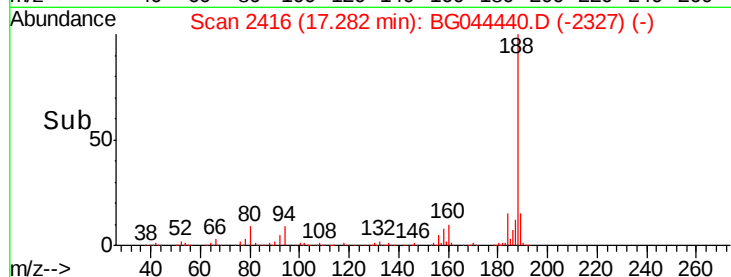
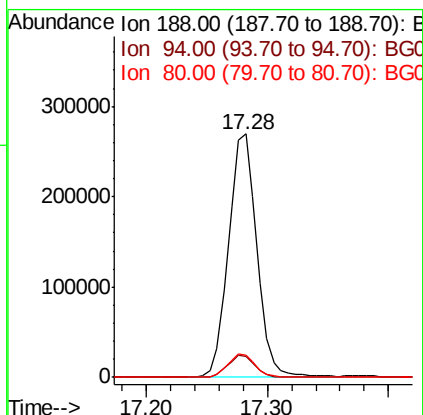
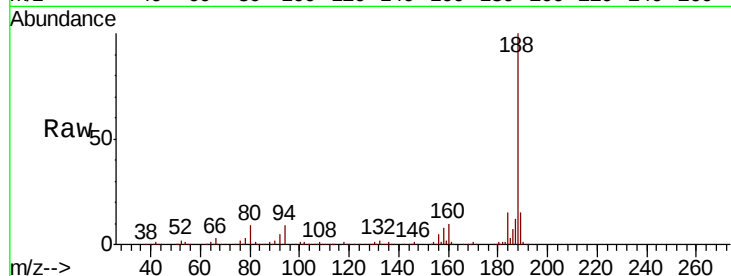




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BG044440.D
Acq: 14 Feb 2020 16:01

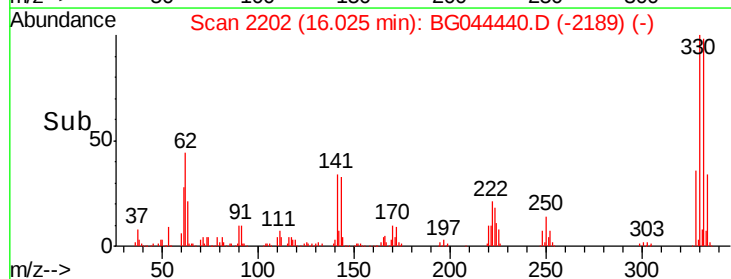
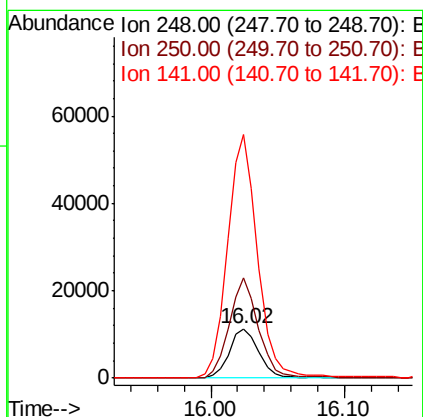
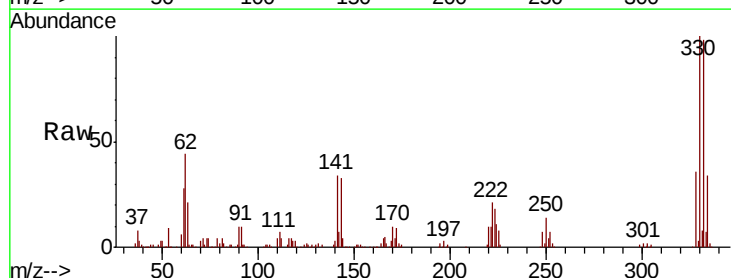
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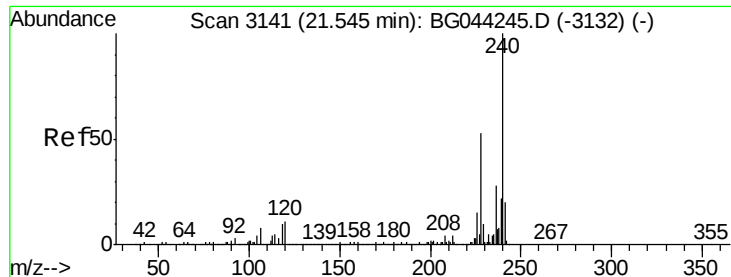
Tot Ion:188 Resp: 440201
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.1 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 3.642 ng
RT: 16.02 min Scan# 2202
Delta R.T. -0.45 min
Lab File: BG044440.D
Acq: 14 Feb 2020 16:01

Tgt Ion:248 Resp: 17468
Ion Ratio Lower Upper
248 100
250 203.1 76.6 114.8#
141 494.8 54.7 82.1#

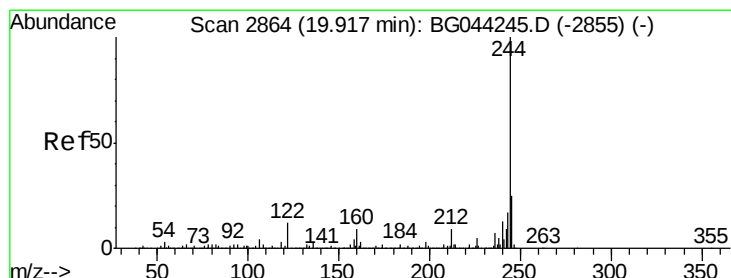
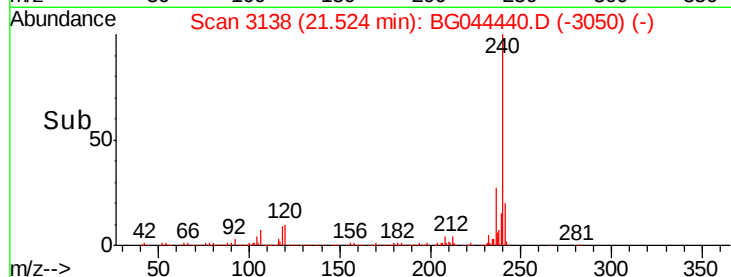
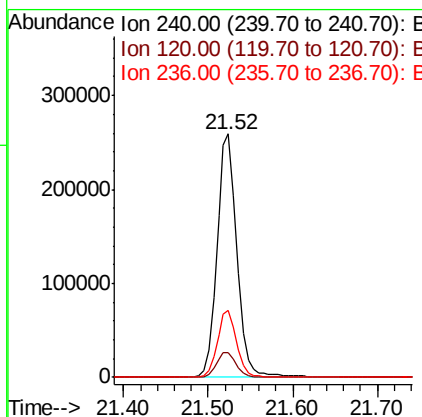
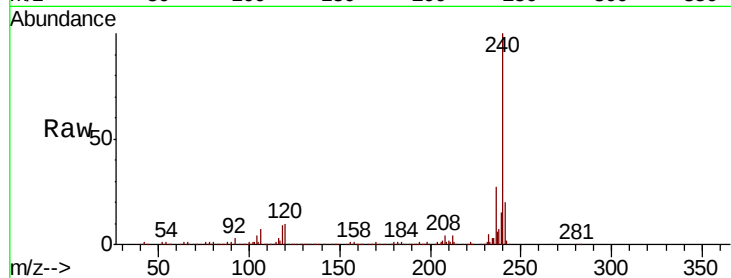




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG044440.D
 Acq: 14 Feb 2020 16:01

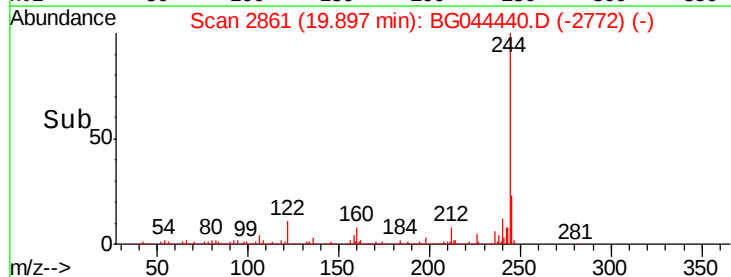
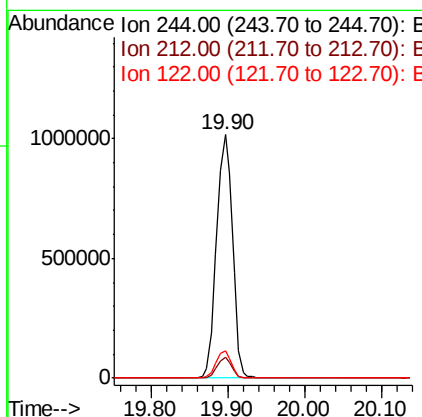
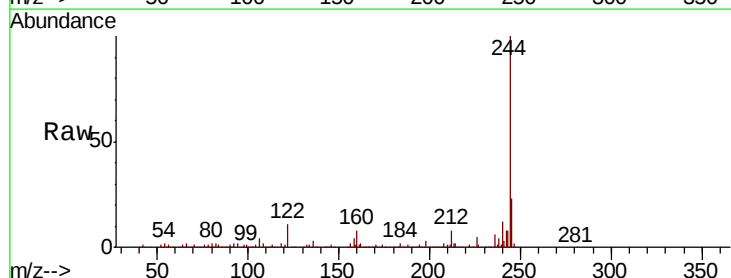
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

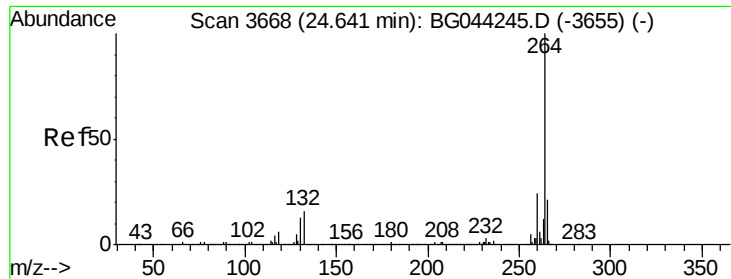
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	27.3	22.1	33.1



#79
 Terphenyl-d14
 Concen: 70.015 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG044440.D
 Acq: 14 Feb 2020 16:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.2
122	11.3	9.8	14.6

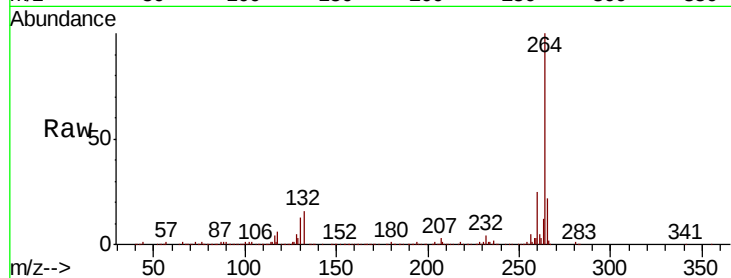




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.02 min
Lab File: BG044440.D
Acq: 14 Feb 2020 16:01

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tot Ion:264 Resp: 443837
Ion Ratio Lower Upper
264 100
260 24.9 19.4 29.2
265 21.9 16.7 25.1



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

