

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044441.D
 Acq On : 14 Feb 2020 16:41
 Operator : CG/JU
 Sample : L1523-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Feb 15 06:01:35 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

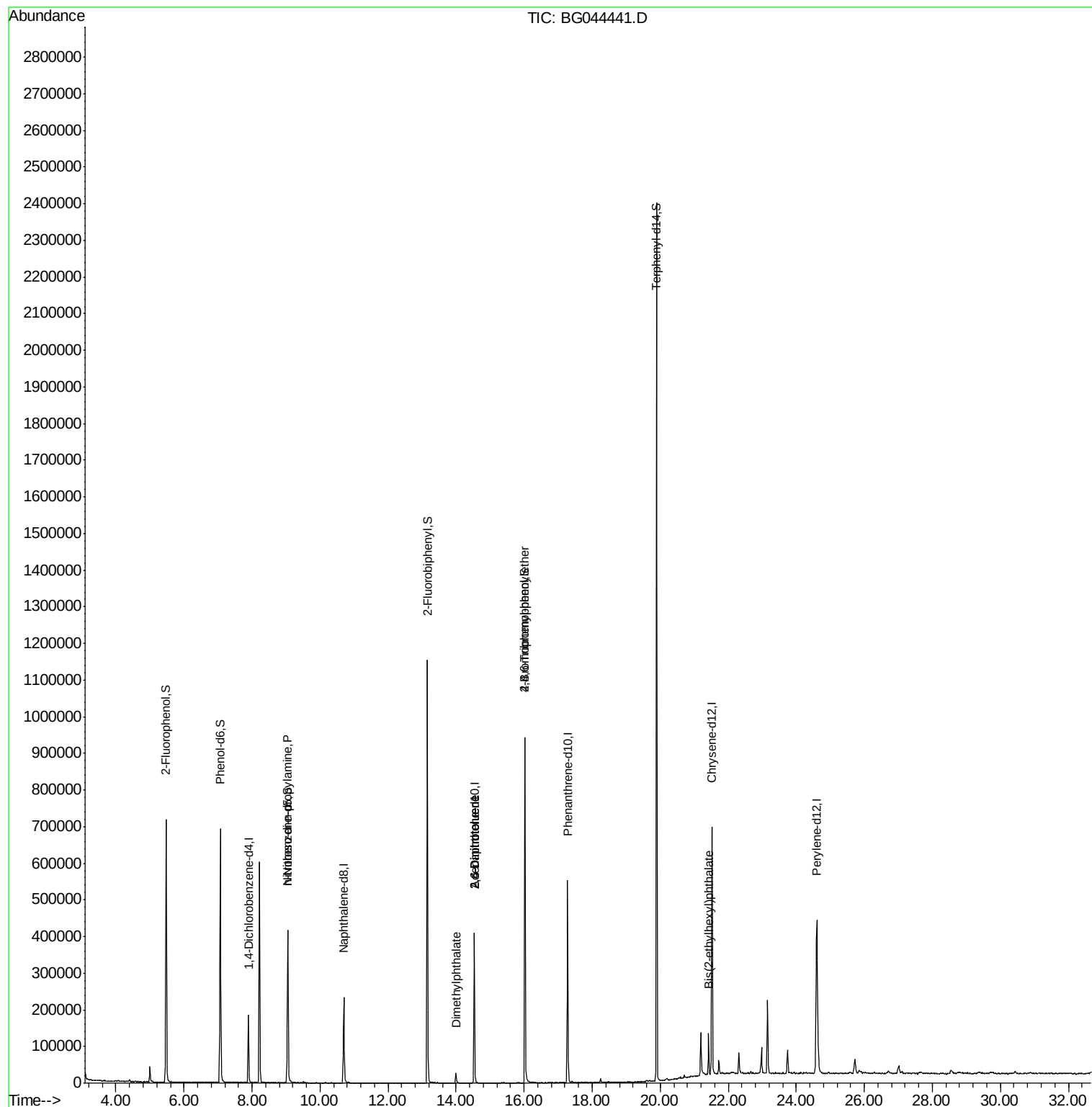
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	57391	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	228223	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	152919	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	368320	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	409546	20.00	ng	-0.02
87) Perylene-d12	24.60	264	419191	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	363043	111.64	ng	0.00
7) Phenol-d6	7.07	99	467689	107.10	ng	-0.01
23) Nitrobenzene-d5	9.05	82	280745	69.45	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	195907	109.13	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	655251	71.75	ng	0.00
79) Terphenyl-d14	19.90	244	1210876	60.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.05	70	36280	12.466	ng	Qvalue # 75
50) Dimethylphthalate	14.00	163	27832	2.532	ng	98
51) 2,6-Dinitrotoluene	14.53	165	19505	7.958	ng	# 29
57) 2,4-Dinitrotoluene	14.53	165	19505	5.678	ng	# 27
67) 4-Bromophenyl-phenylether	16.03	248	13605	3.390	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.42	149	47894	2.903	ng	96

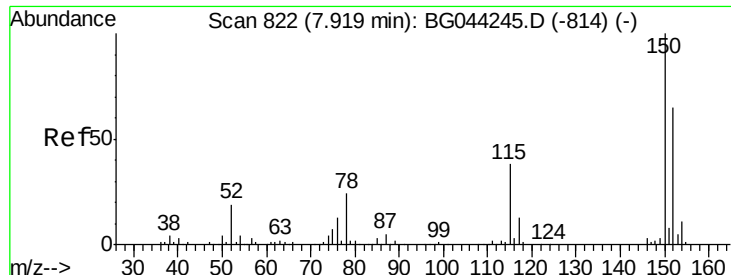
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



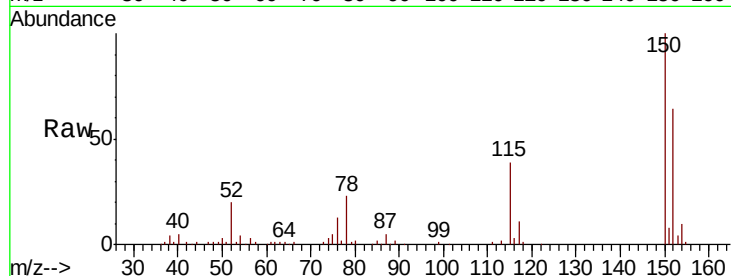


#1

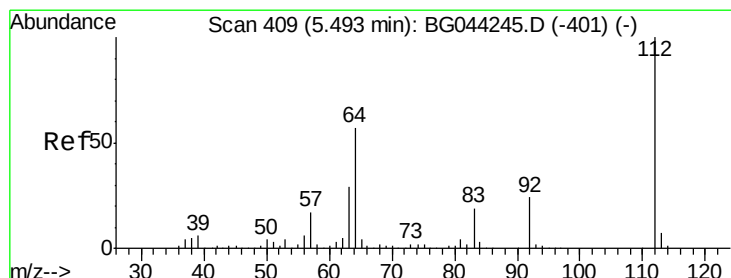
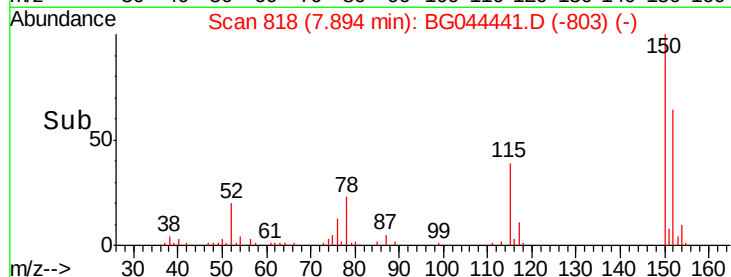
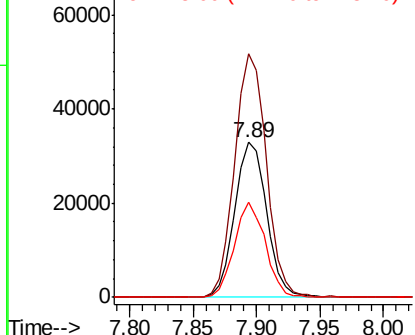
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG044441.D
Acq: 14 Feb 2020 16:41

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tot Ion:152 Resp: 57391
Ion Ratio Lower Upper
152 100
150 157.0 122.6 183.8
115 61.1 46.0 69.0



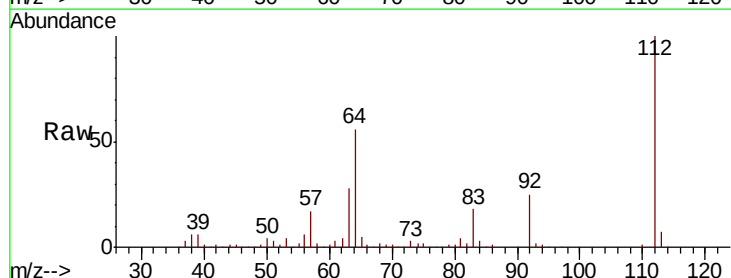
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



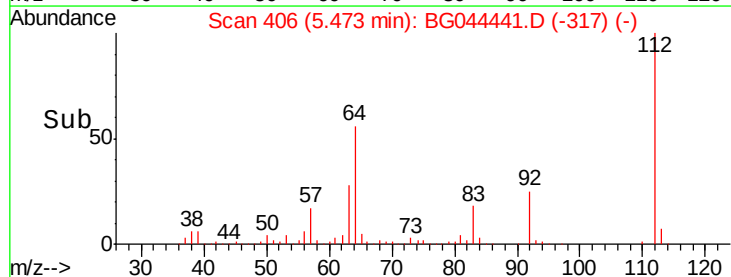
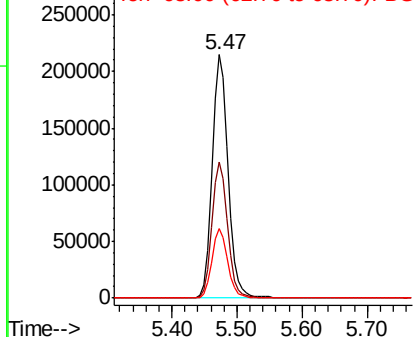
#5

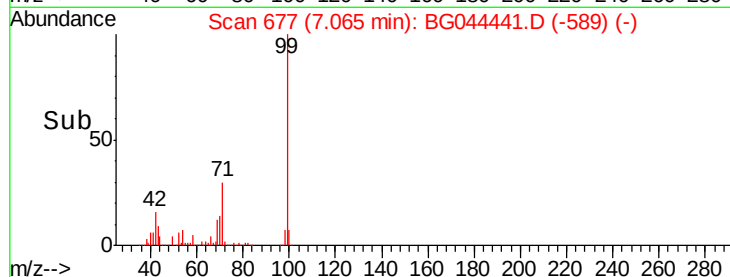
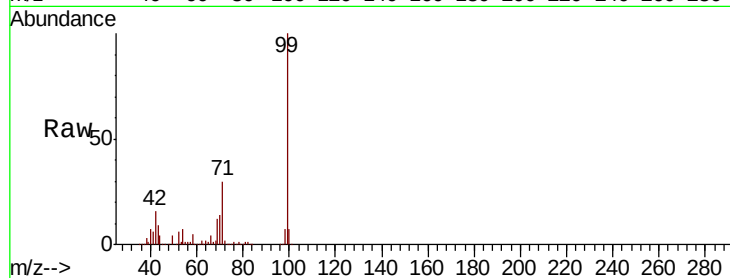
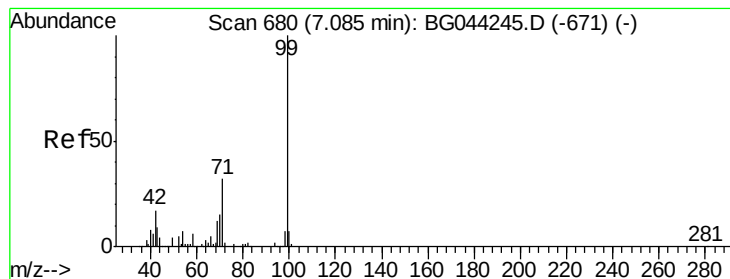
2-Fluorophenol
Concen: 111.640 ng
RT: 5.47 min Scan# 406
Delta R.T. -0.01 min
Lab File: BG044441.D
Acq: 14 Feb 2020 16:41

Tgt Ion:112 Resp: 363043
Ion Ratio Lower Upper
112 100
64 56.0 45.4 68.2
63 28.5 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: 107.101 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044441.D

Acq: 14 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

COMP-2

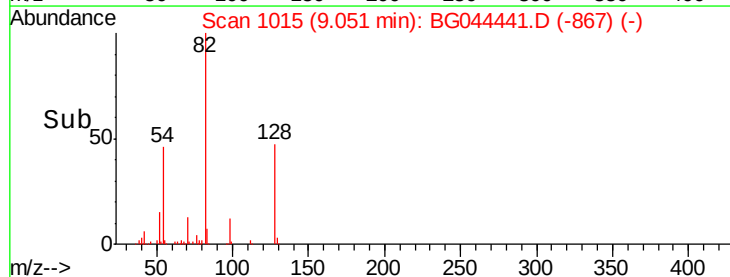
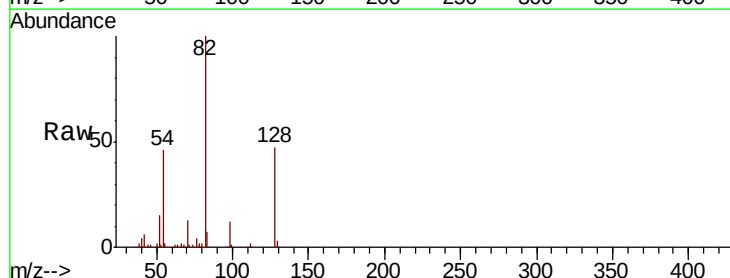
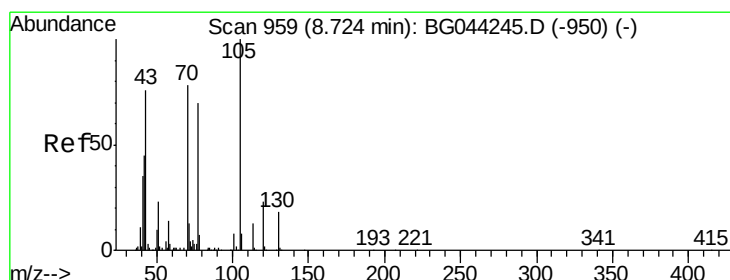
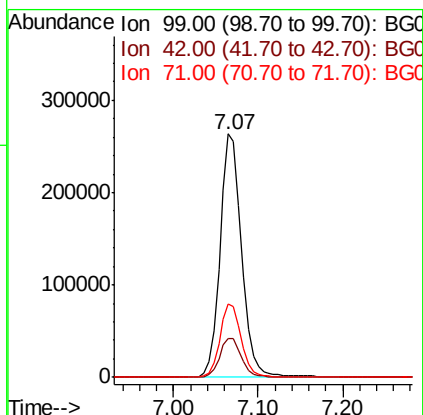
Tot Ion: 99 Resp: 467689

Ion Ratio Lower Upper

99 100

42 16.1 13.8 20.6

71 29.9 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.466 ng

RT: 9.05 min Scan# 1015

Delta R.T. 0.34 min

Lab File: BG044441.D

Acq: 14 Feb 2020 16:41

Tgt Ion: 70 Resp: 36280

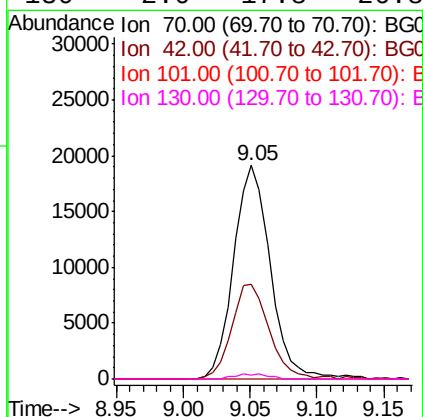
Ion Ratio Lower Upper

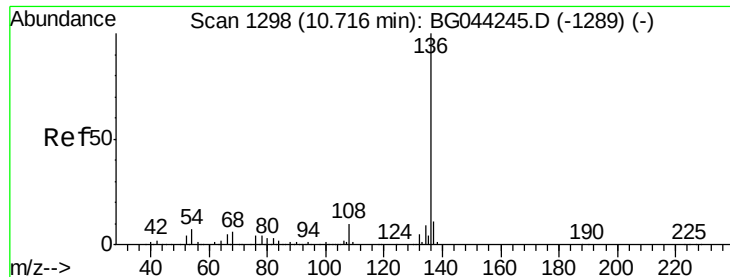
70 100

42 44.5 46.2 69.2#

101 0.0 8.4 12.6#

130 2.0 17.8 26.8#

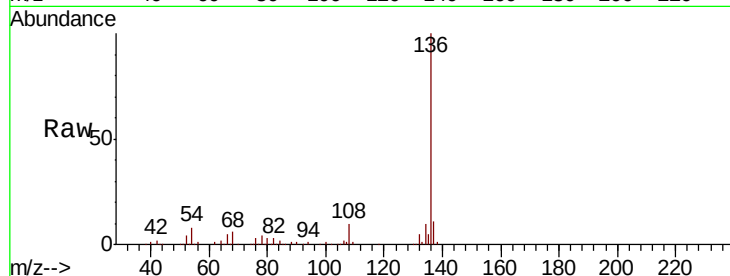




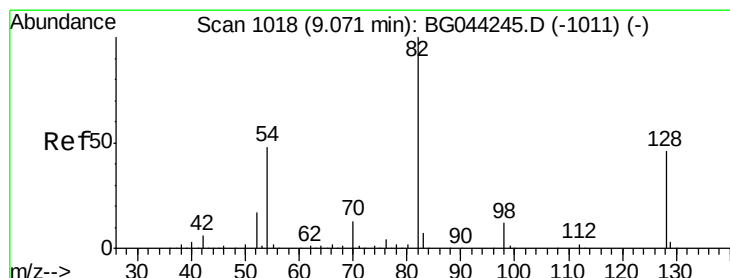
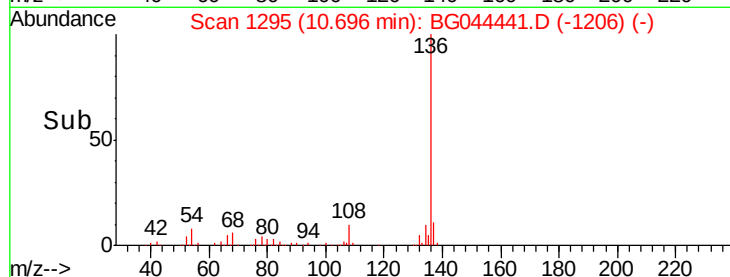
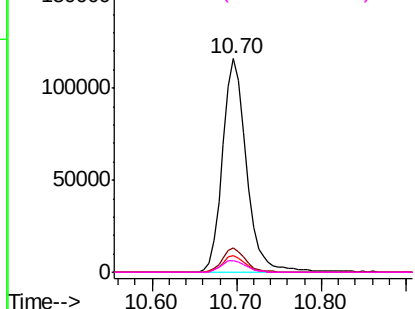
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG044441.D
Acq: 14 Feb 2020 16:41

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tot Ion:136	Resp:	228223
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.8	13.2
54 7.8	5.8	8.8
68 5.6	4.6	6.8

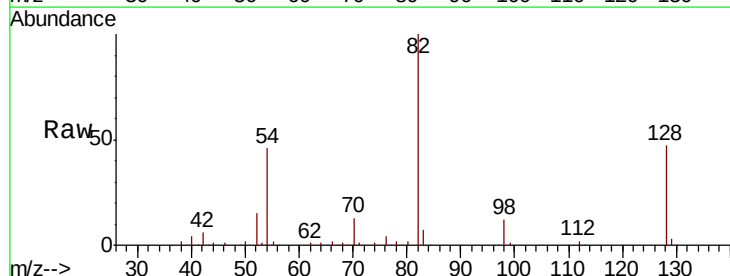


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

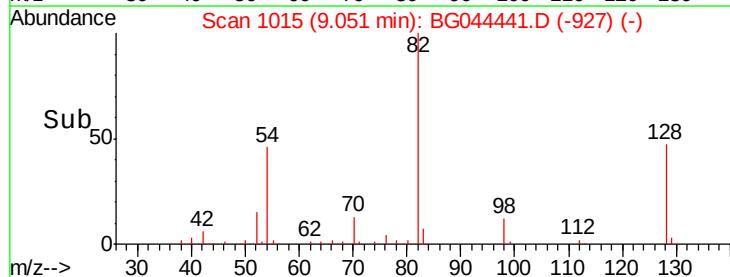
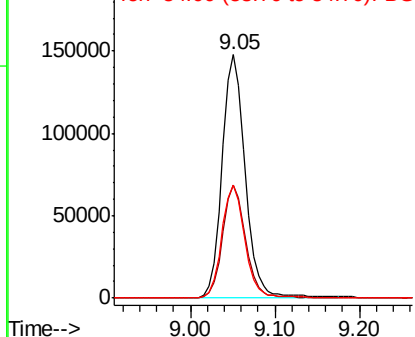


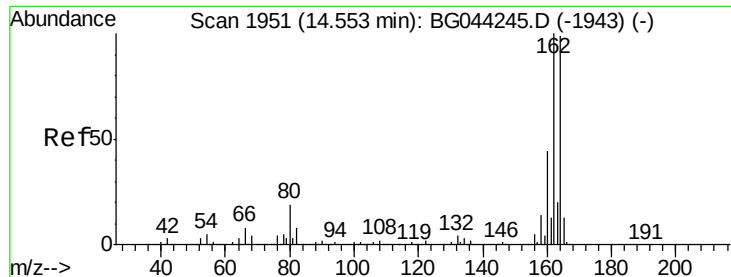
#23
Nitrobenzene-d5
Concen: 69.449 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044441.D
Acq: 14 Feb 2020 16:41

Tgt Ion: 82	Resp: 280745
Ion Ratio	Lower Upper
82 100	
128 46.5	36.5 54.7
54 46.3	38.6 58.0



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: 14.53 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG044441.D

Acq: 14 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

COMP-2

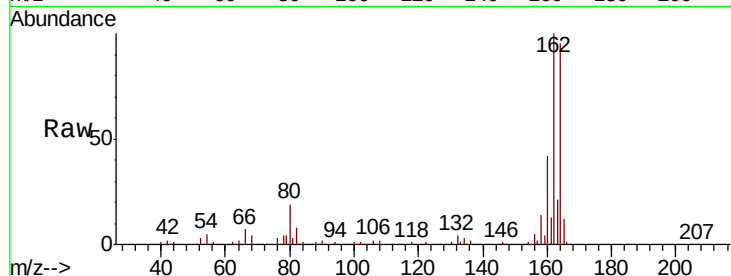
Tot Ion:164 Resp: 152919

Ion Ratio Lower Upper

164 100

162 104.9 80.7 121.1

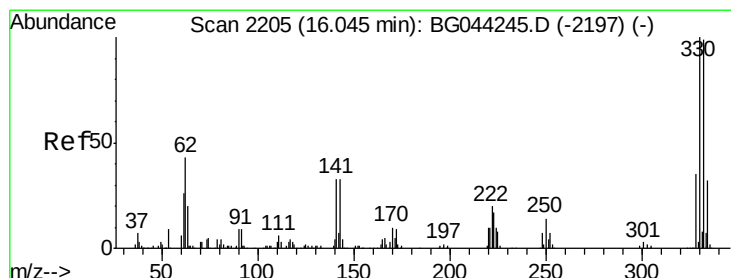
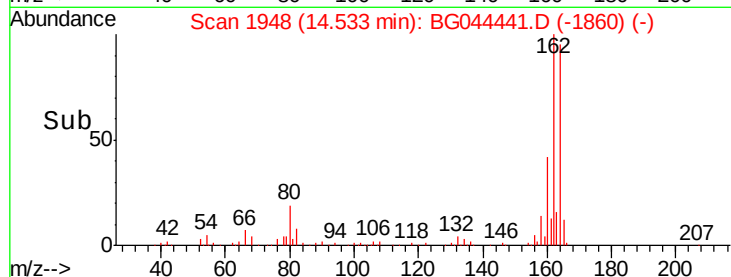
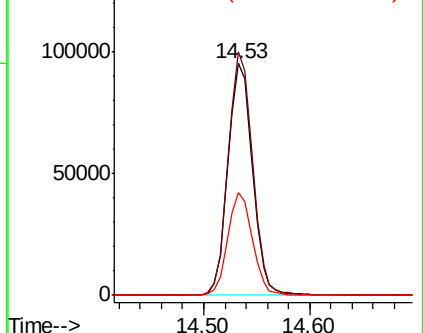
160 44.1 35.3 52.9



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: 109.129 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044441.D

Acq: 14 Feb 2020 16:41

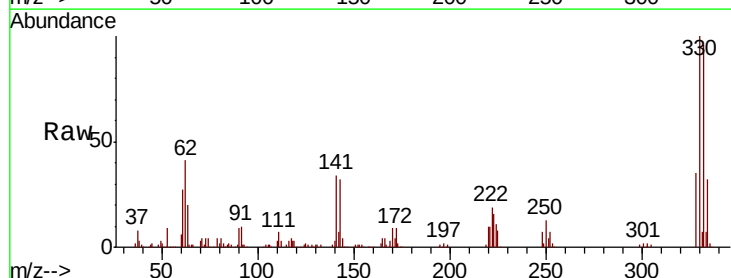
Tgt Ion:330 Resp: 195907

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

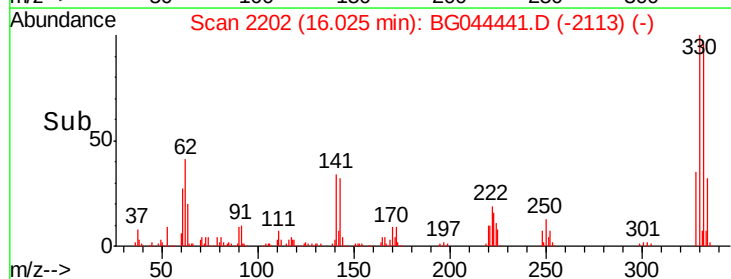
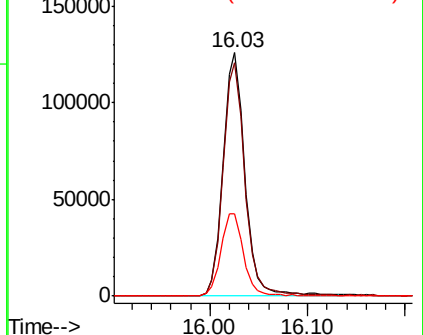
141 35.2 28.3 42.5

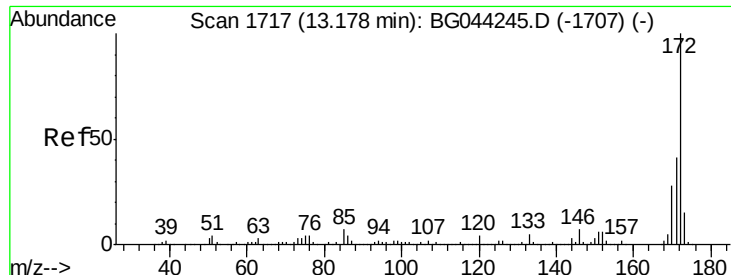


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

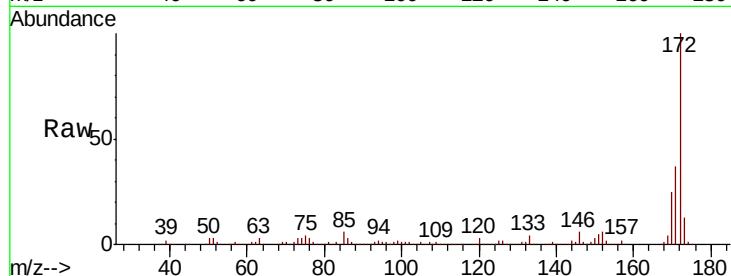




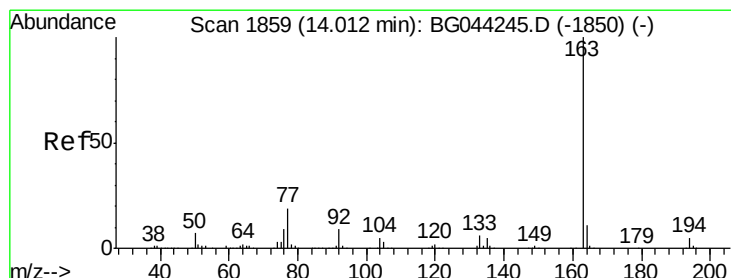
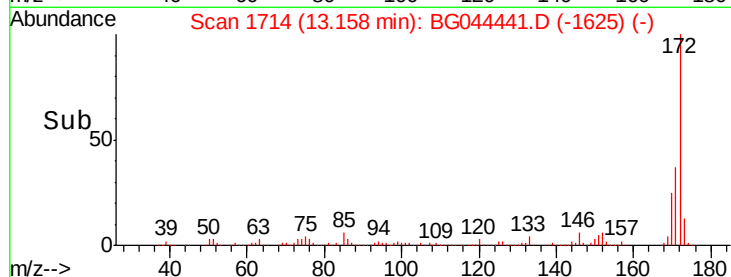
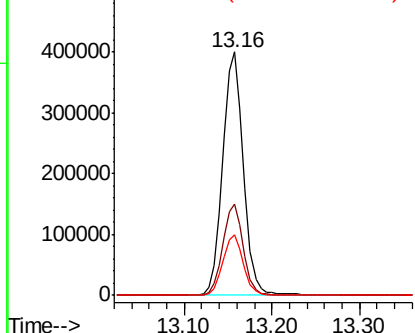
#45
2-Fluorobiphenyl
Concen: 71.754 ng
RT: 13.16 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG044441.D
Acq: 14 Feb 2020 16:41

Instrument :
BNA_G
ClientSampled :
COMP-2

Tot Ion:172 Resp: 655251
Ion Ratio Lower Upper
172 100
171 37.2 32.9 49.3
170 24.9 22.0 33.0

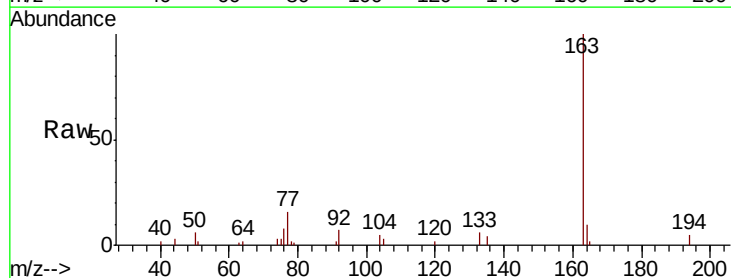


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

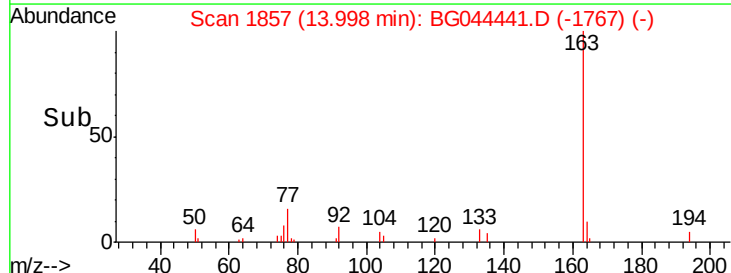
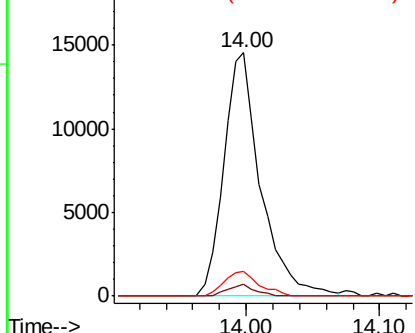


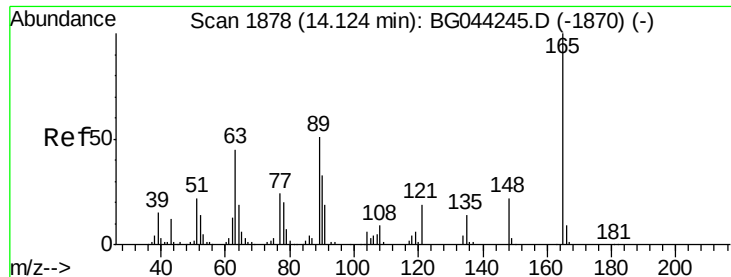
#50
Dimethylphthalate
Concen: 2.532 ng
RT: 14.00 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BG044441.D
Acq: 14 Feb 2020 16:41

Tgt Ion:163 Resp: 27832
Ion Ratio Lower Upper
163 100
194 5.0 3.6 5.4
164 9.9 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

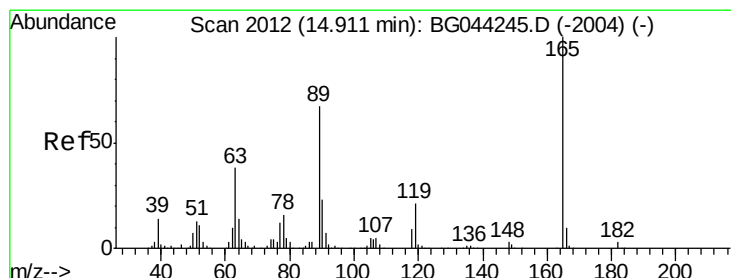
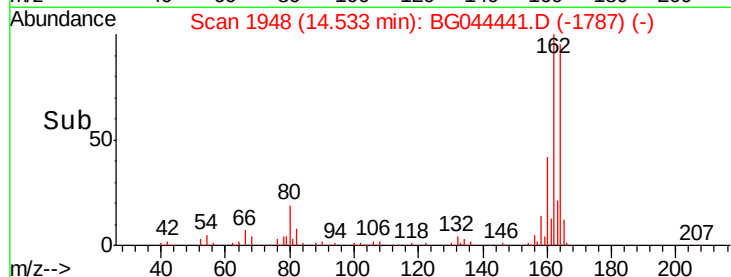
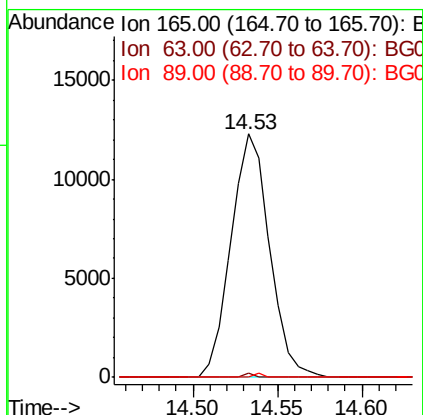
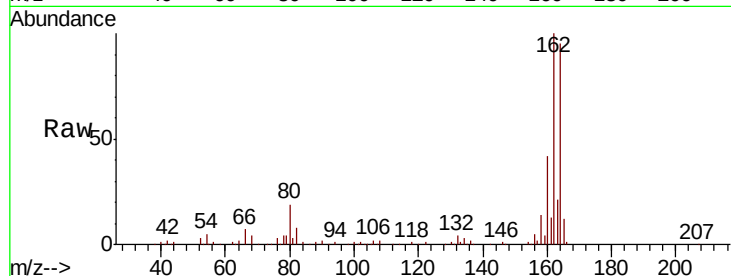




#51
 2,6-Dinitrotoluene
 Concen: 7.958 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG044441.D
 Acq: 14 Feb 2020 16:41

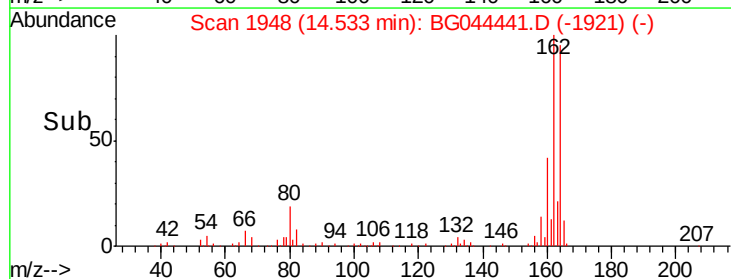
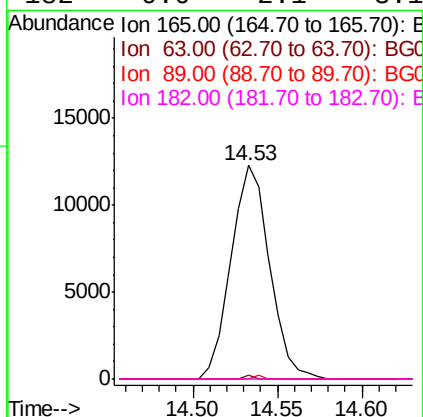
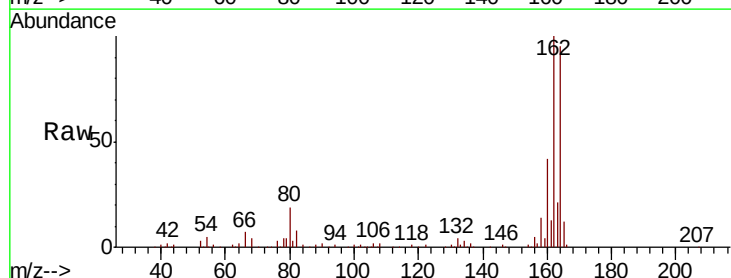
Instrument :
 BNA_G
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 COMP-2

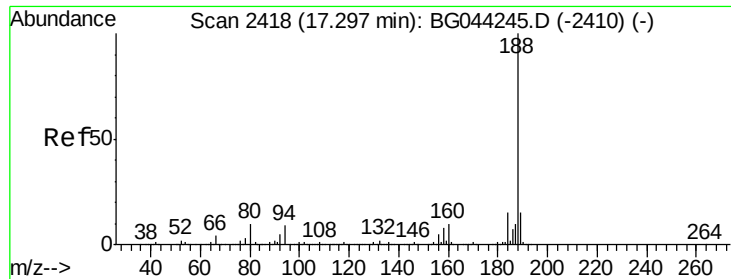
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	38.7	58.1#
89	0.0	40.4	60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.678 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG044441.D
 Acq: 14 Feb 2020 16:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	30.3	45.5#
89	0.0	53.4	80.2#
182	0.0	2.1	3.1#

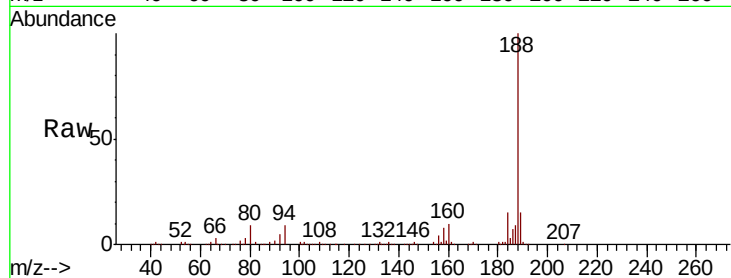




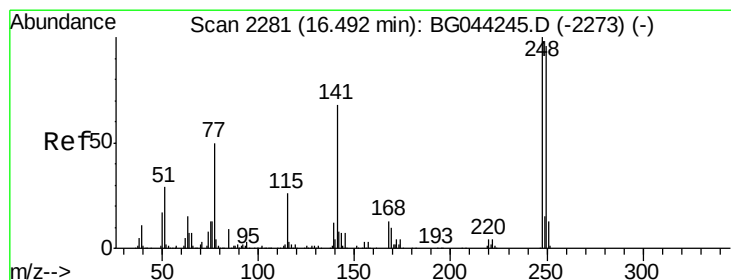
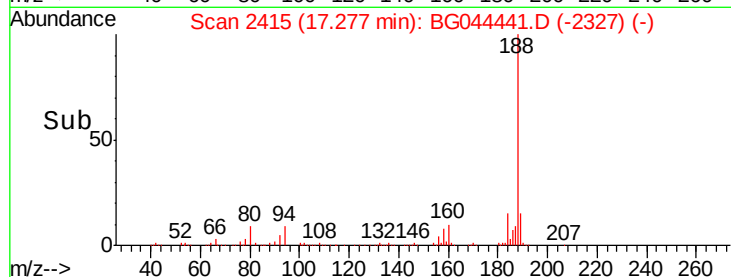
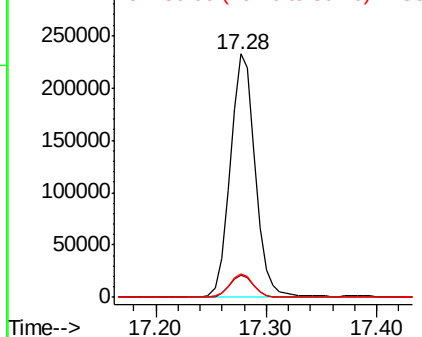
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044441.D
Acq: 14 Feb 2020 16:41

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tot Ion:188 Resp: 368320
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.5 7.7 11.5

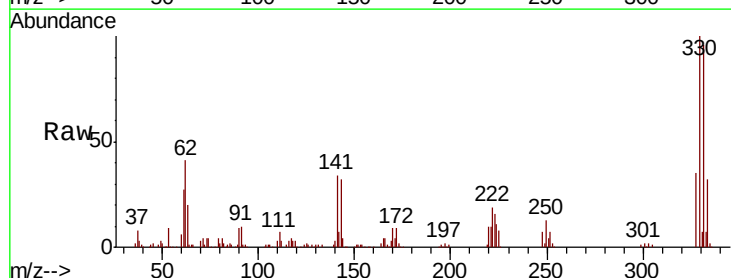


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

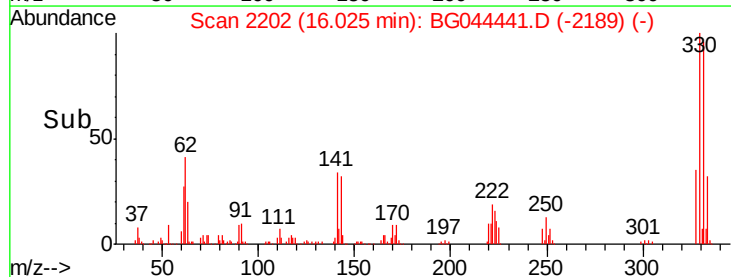
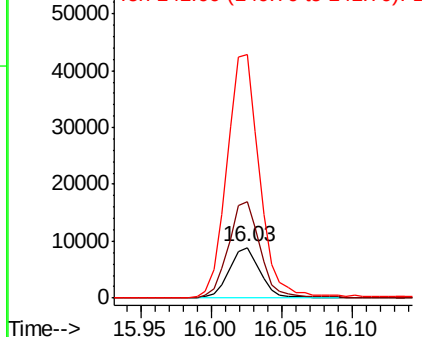


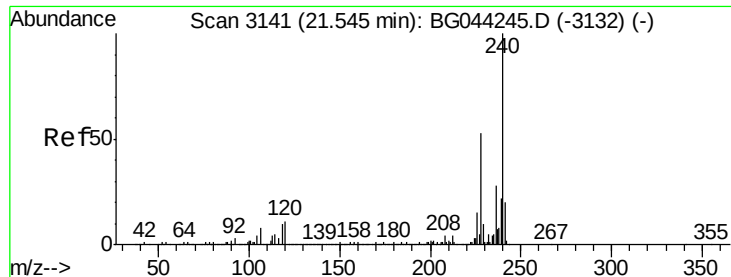
#67
4-Bromophenyl-phenylether
Concen: 3.390 ng
RT: 16.03 min Scan# 2202
Delta R.T. -0.45 min
Lab File: BG044441.D
Acq: 14 Feb 2020 16:41

Tgt Ion:248 Resp: 13605
Ion Ratio Lower Upper
248 100
250 191.1 76.6 114.8#
141 483.0 54.7 82.1#



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: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG044441.D

Acq: 14 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

COMP-2

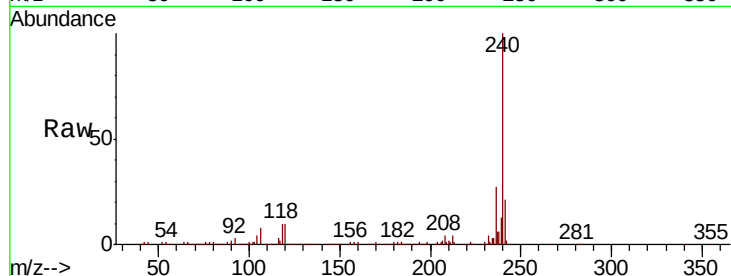
Tot Ion:240 Resp: 409546

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

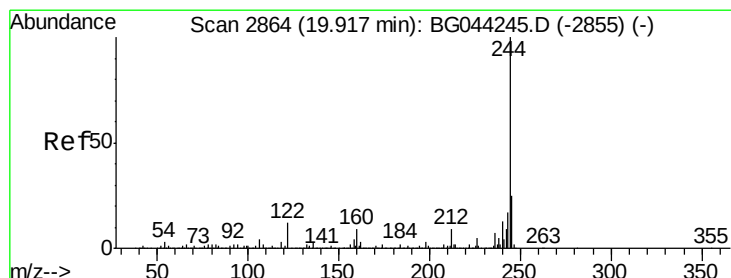
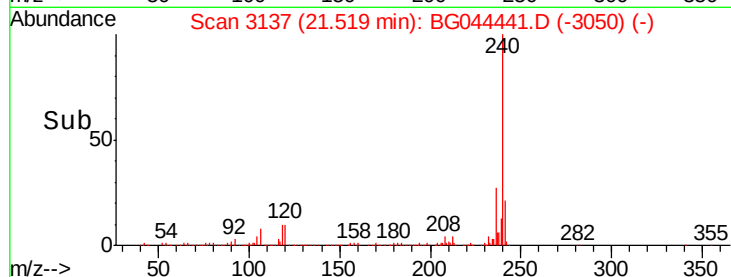
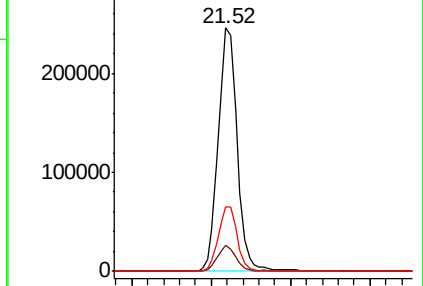
236 26.6 22.1 33.1



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: 60.814 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG044441.D

Acq: 14 Feb 2020 16:41

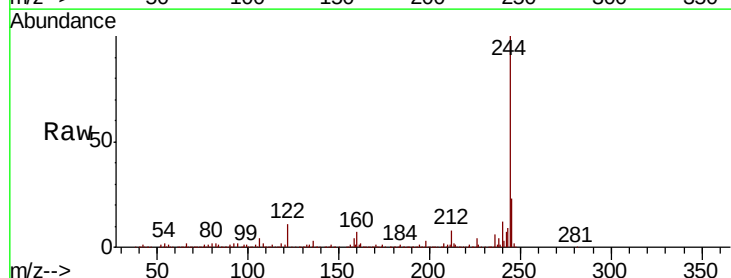
Tgt Ion:244 Resp: 1210876

Ion Ratio Lower Upper

244 100

212 8.1 7.4 11.2

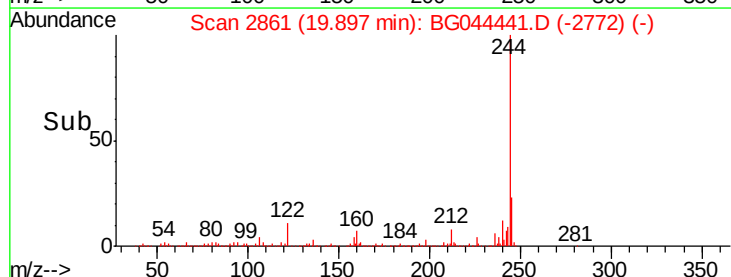
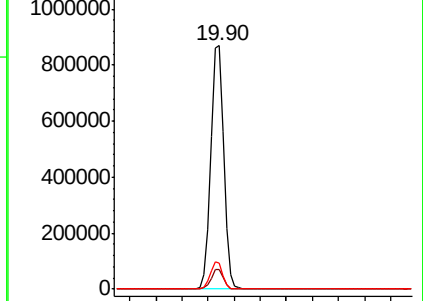
122 10.5 9.8 14.6

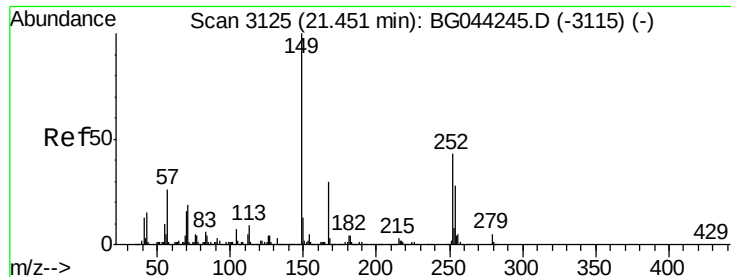


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.903 ng

RT: 21.42 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG044441.D

Acq: 14 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

COMP-2

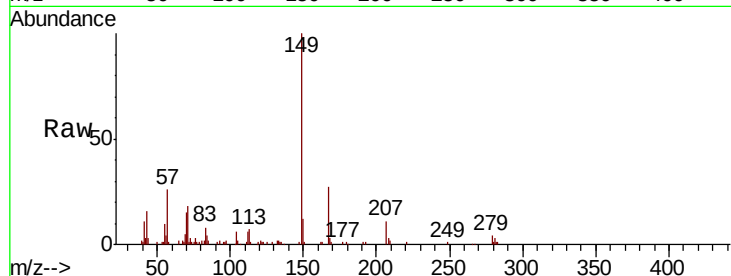
Tot Ion:149 Resp: 47894

Ion Ratio Lower Upper

149 100

167 27.4 24.0 36.0

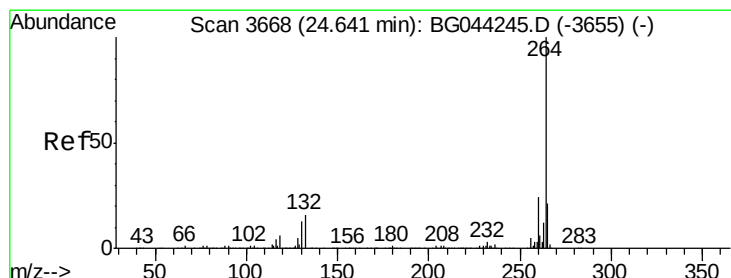
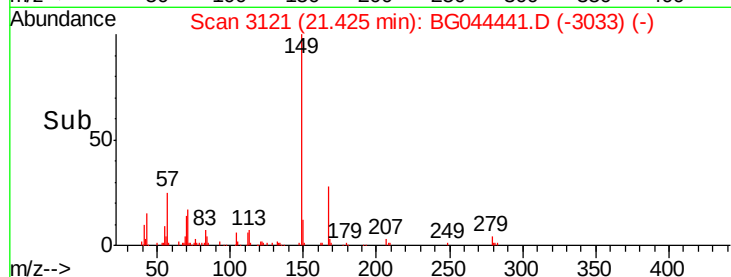
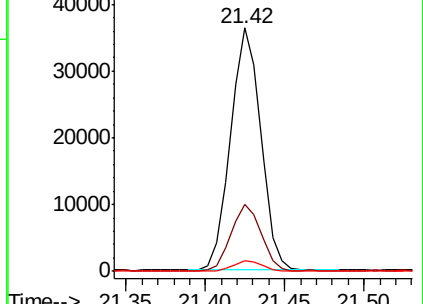
279 4.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.60 min Scan# 3662

Delta R.T. -0.02 min

Lab File: BG044441.D

Acq: 14 Feb 2020 16:41

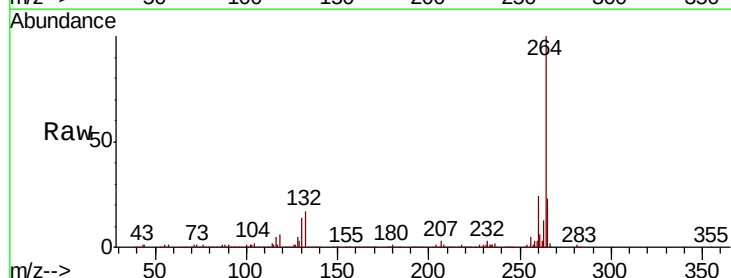
Tgt Ion:264 Resp: 419191

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 23.3 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

