

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045714.D
 Acq On : 11 Jun 2020 8:45
 Operator : CG/JU
 Sample : L2965-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EXT-WHITE-COMP-1

Quant Time: Jun 11 10:42:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

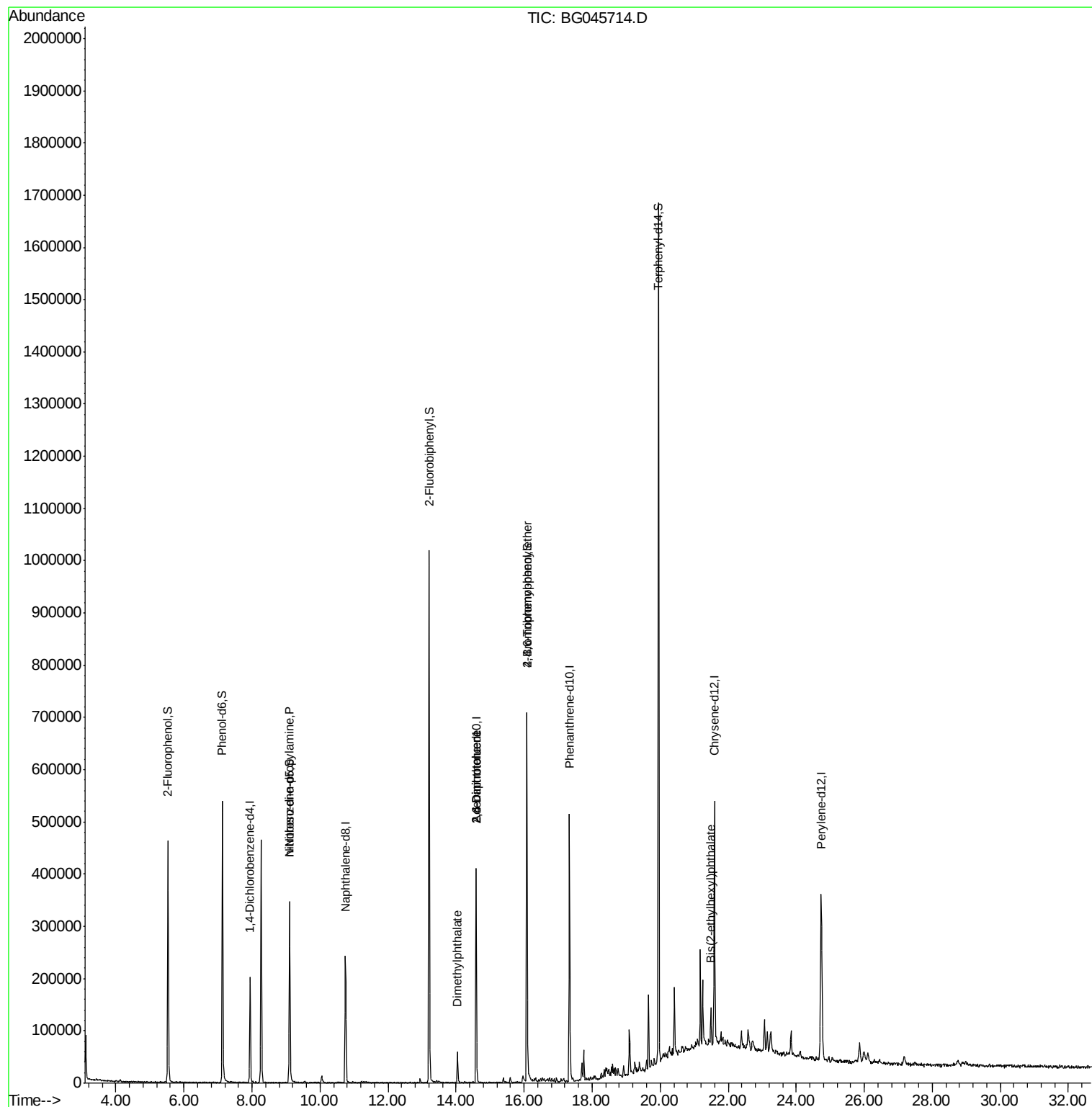
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	57114	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	226989	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	157999	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	332133	20.00	ng	-0.01
76) Chrysene-d12	21.59	240	306303	20.00	ng	-0.01
87) Perylene-d12	24.74	264	347854	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	235308	80.52	ng	0.00
7) Phenol-d6	7.13	99	358984	86.30	ng	-0.02
23) Nitrobenzene-d5	9.10	82	246508	59.22	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	159221	78.80	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	564009	60.55	ng	0.00
79) Terphenyl-d14	19.95	244	845130	64.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	34860	12.119	ng	Qvalue # 82
50) Dimethylphthalate	14.04	163	43102	3.977	ng	96
51) 2,6-Dinitrotoluene	14.58	165	19824	8.106	ng	# 23
57) 2,4-Dinitrotoluene	14.58	165	19824	5.597	ng	# 23
67) 4-Bromophenyl-phenylether	16.08	248	10319	2.869	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.49	149	29393	2.837	ng	94

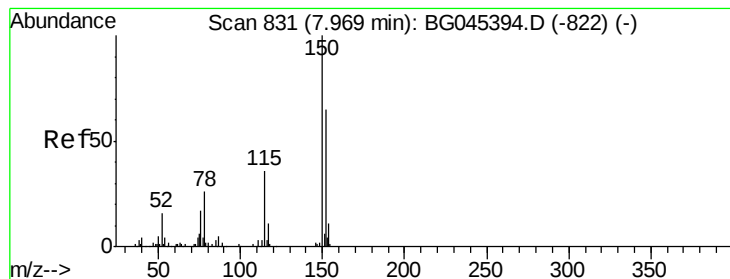
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
Data File : BG045714.D
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Jun 11 10:42:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
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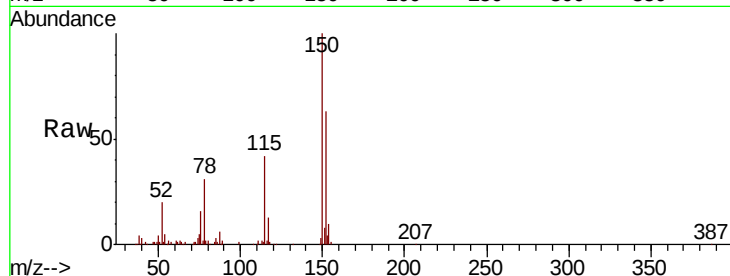


#1

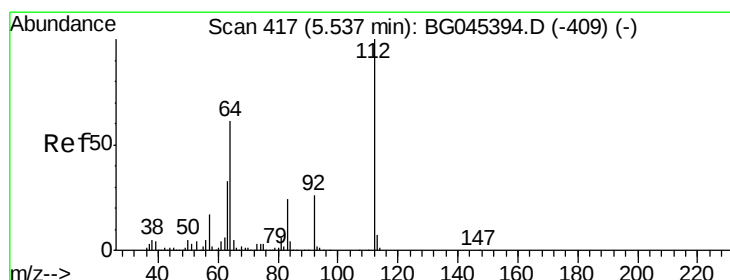
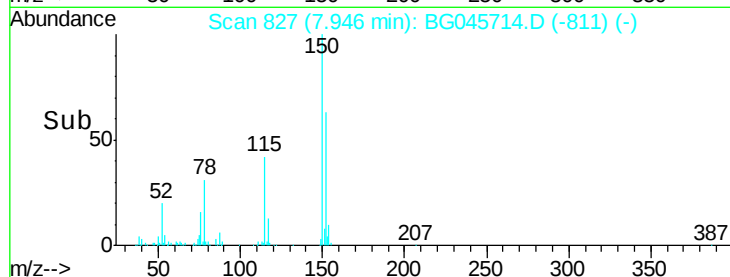
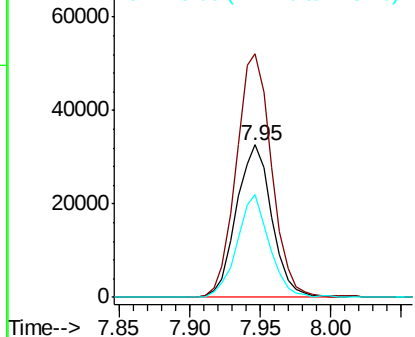
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045714.D
Acq: 11 Jun 2020 8:45

Instrument :
BNA_G
ClientSampleId :
EXT-WHITE-COMP-1

Tot Ion:152 Resp: 57114
Ion Ratio Lower Upper
152 100
150 159.7 122.4 183.6
115 67.8 44.2 66.4#



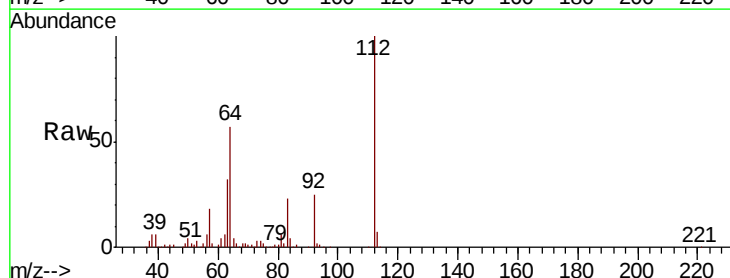
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



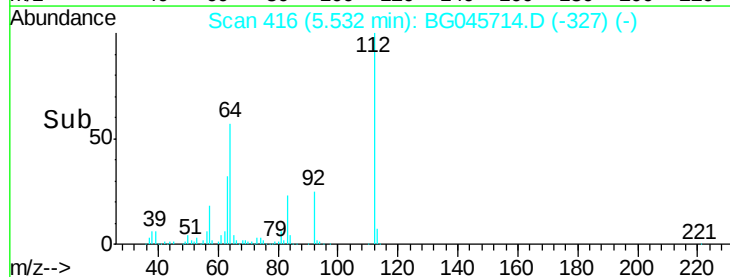
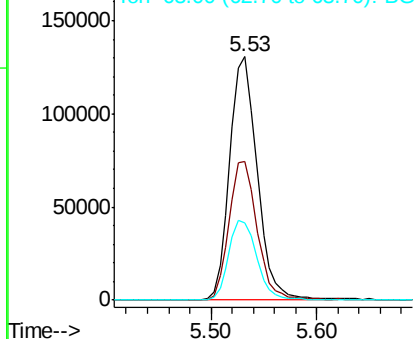
#5

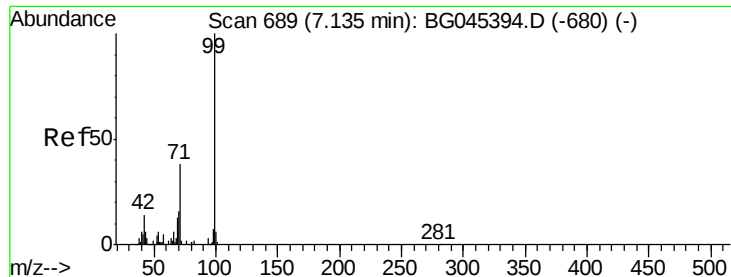
2-Fluorophenol
Concen: 80.516 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045714.D
Acq: 11 Jun 2020 8:45

Tgt Ion:112 Resp: 235308
Ion Ratio Lower Upper
112 100
64 57.1 48.6 72.8
63 31.5 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 86.303 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG045714.D

Acq: 11 Jun 2020 8:45

Instrument :

BNA_G

ClientSampleId :

EXT-WHITE-COMP-1

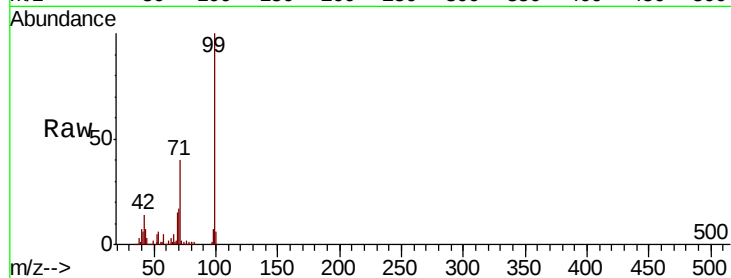
Tot Ion: 99 Resp: 358984

Ion Ratio Lower Upper

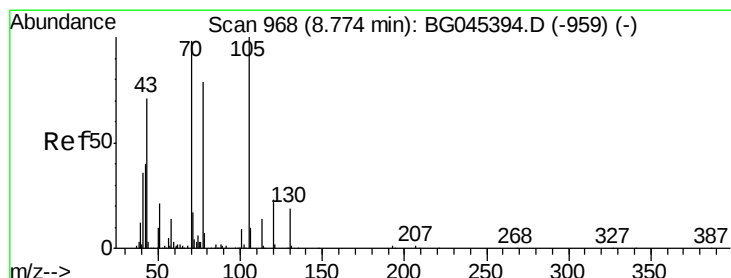
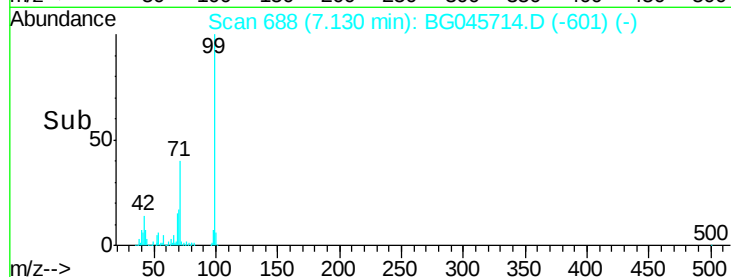
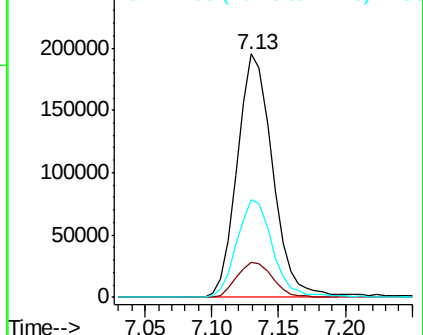
99 100

42 14.2 11.3 16.9

71 39.9 30.8 46.2



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: 12.119 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG045714.D

Acq: 11 Jun 2020 8:45

Tgt Ion: 70 Resp: 34860

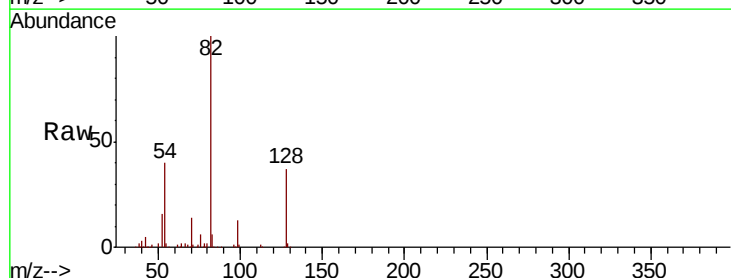
Ion Ratio Lower Upper

70 100

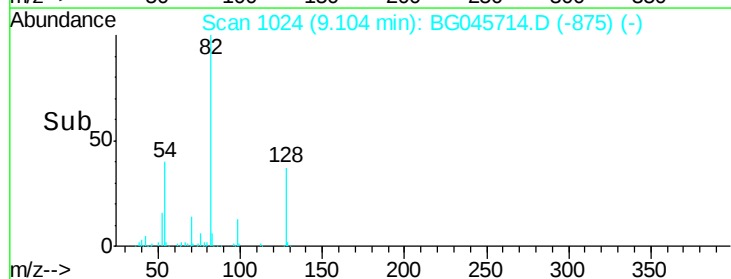
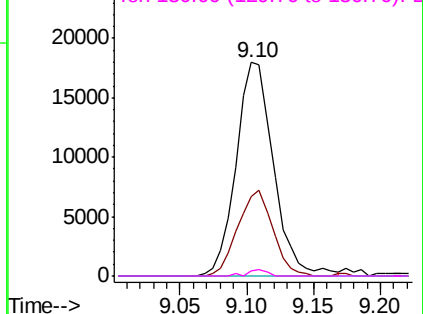
42 37.3 33.2 49.8

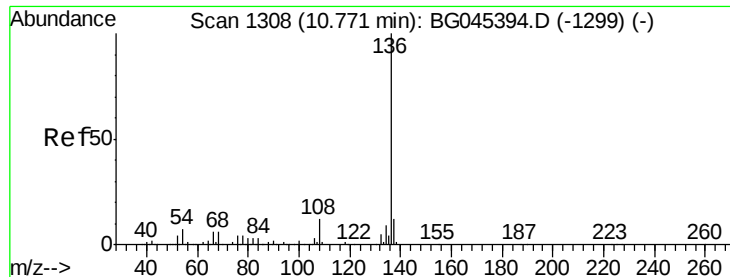
101 0.0 7.8 11.6#

130 2.3 15.4 23.2#



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

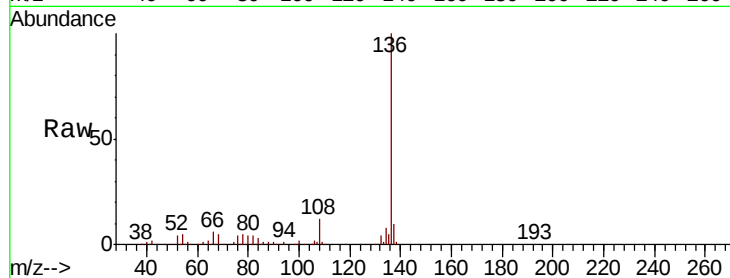




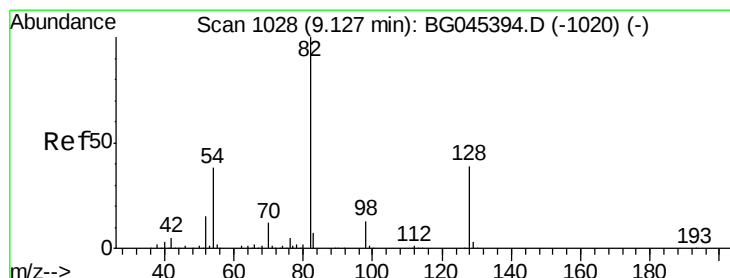
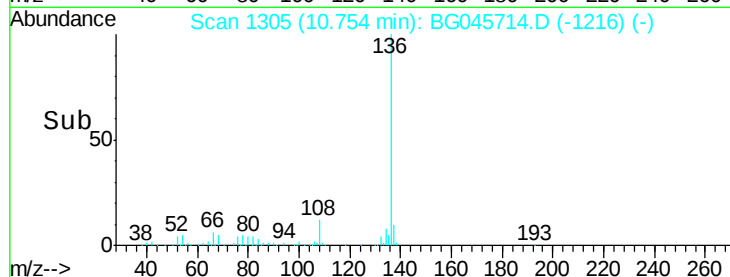
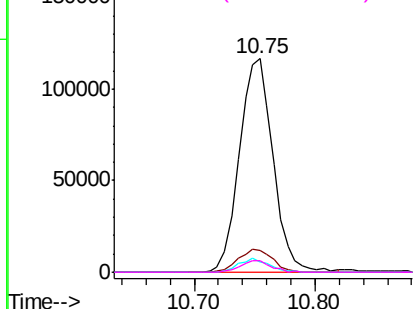
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045714.D
Acq: 11 Jun 2020 8:45

Instrument :
BNA_G
ClientSampleId :
EXT-WHITE-COMP-1

Tot Ion:136	Resp:	226989
Ion Ratio	Lower	Upper
136 100		
137 10.2	9.4	14.2
54 5.0	5.8	8.6#
68 5.1	4.5	6.7

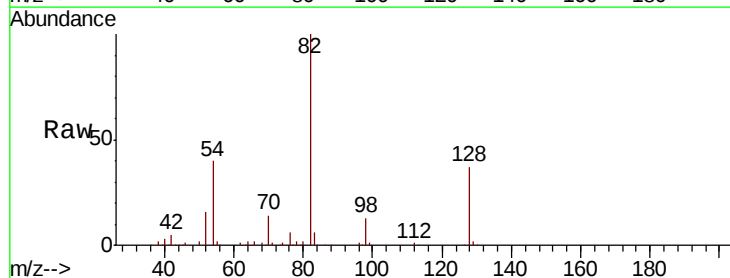


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

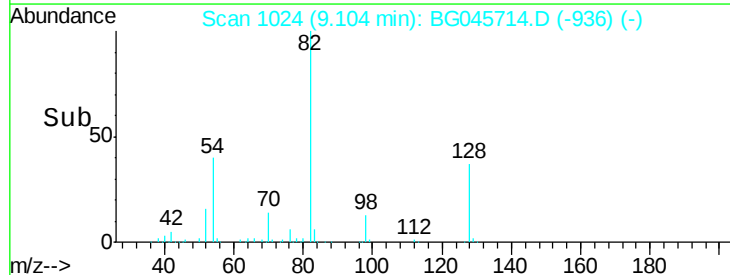
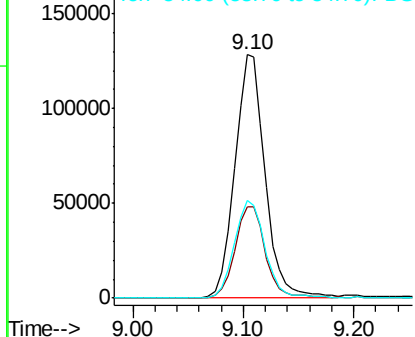


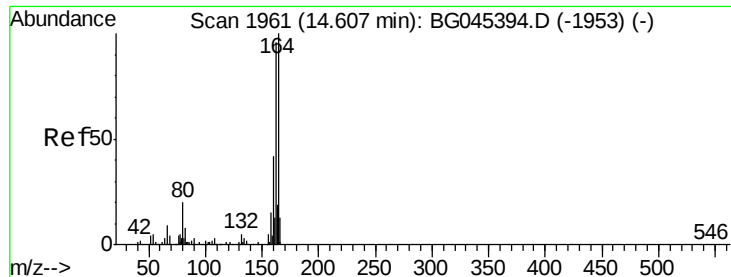
#23
Nitrobenzene-d5
Concen: 59.221 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045714.D
Acq: 11 Jun 2020 8:45

Tgt	Ion: 82	Resp:	246508
Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.9	46.3
54	40.1	30.3	45.5



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: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG045714.D

Acq: 11 Jun 2020 8:45

Instrument :

BNA_G

ClientSampleId :

EXT-WHITE-COMP-1

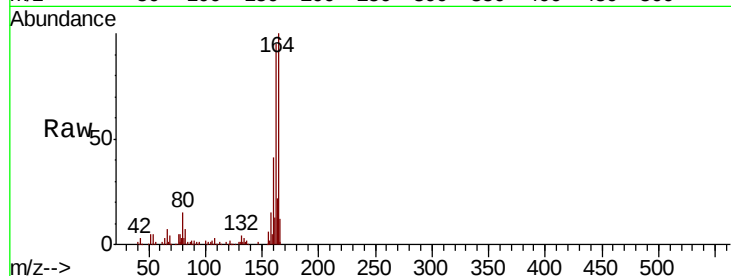
Tot Ion:164 Resp: 157999

Ion Ratio Lower Upper

164 100

162 95.0 76.9 115.3

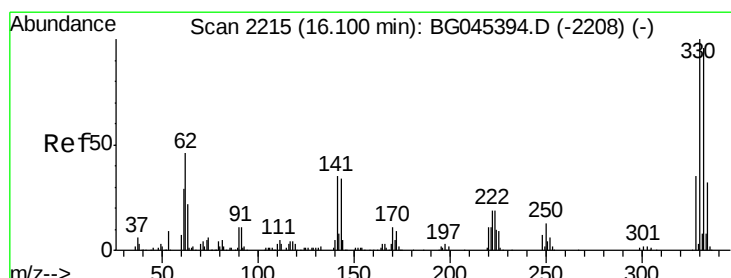
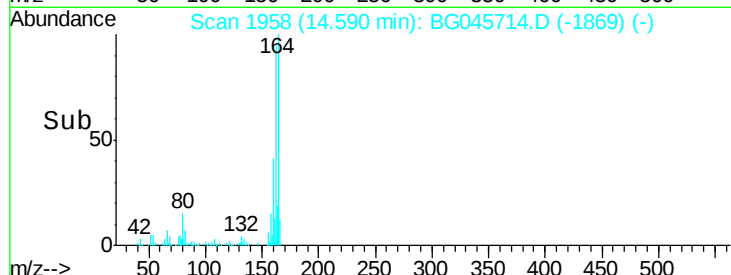
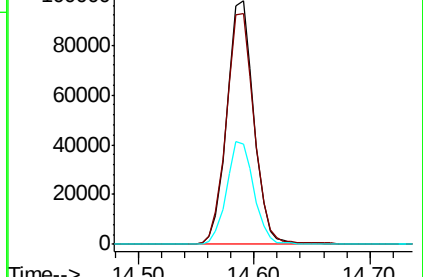
160 41.4 33.8 50.8



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: 78.798 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045714.D

Acq: 11 Jun 2020 8:45

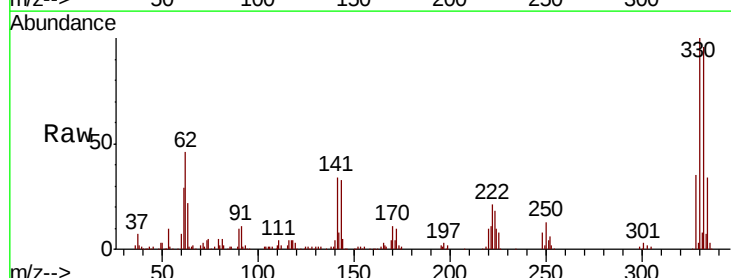
Tgt Ion:330 Resp: 159221

Ion Ratio Lower Upper

330 100

332 95.0 78.2 117.4

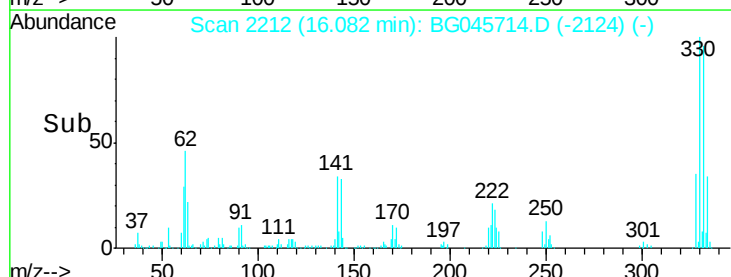
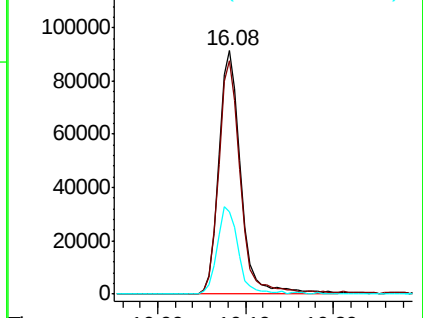
141 34.7 28.2 42.4

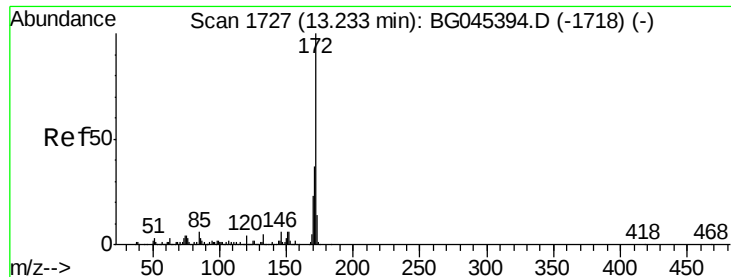


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

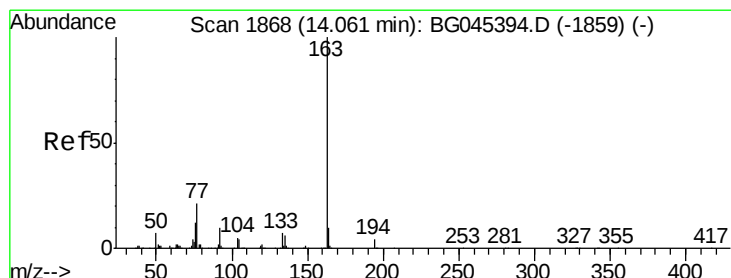
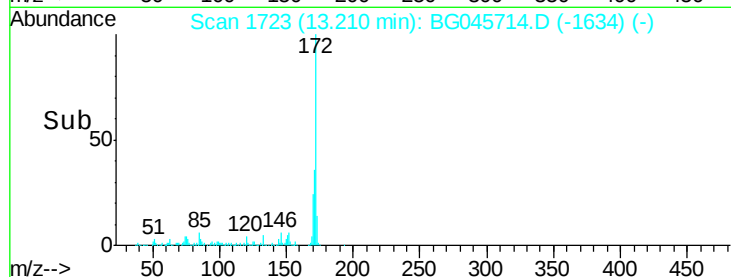
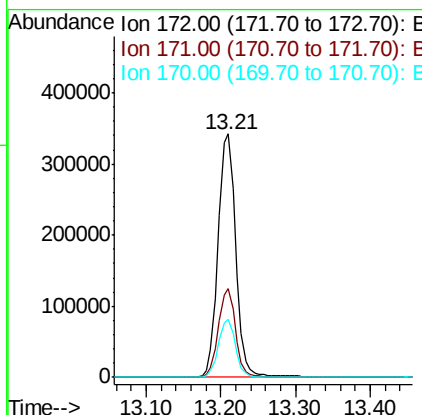
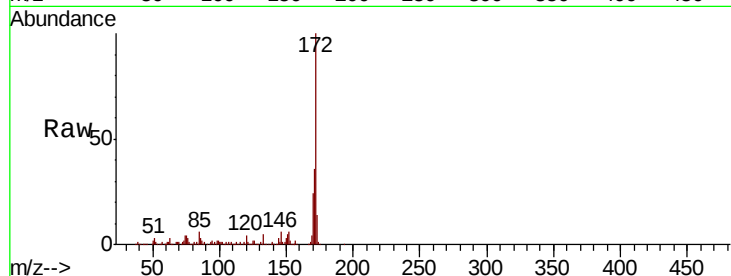




#45
2-Fluorobiphenyl
Concen: 60.549 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG045714.D
Acq: 11 Jun 2020 8:45

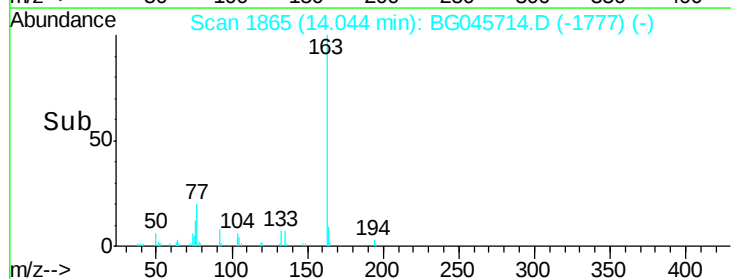
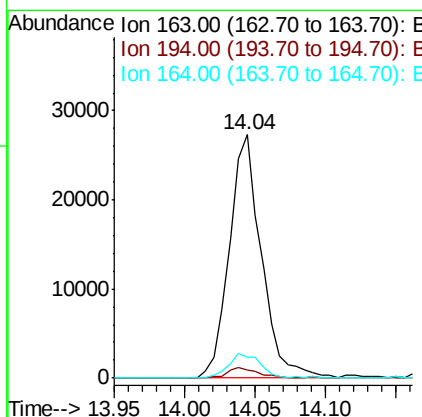
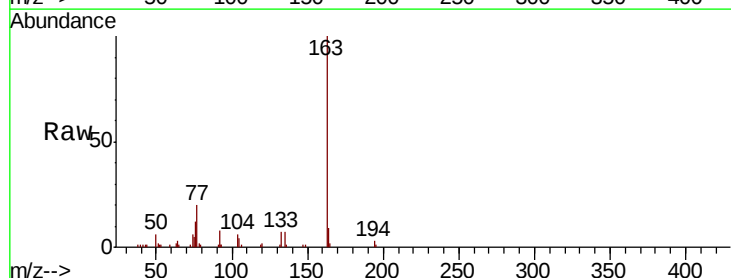
Instrument :
BNA_G
ClientSampleId :
EXT-WHITE-COMP-1

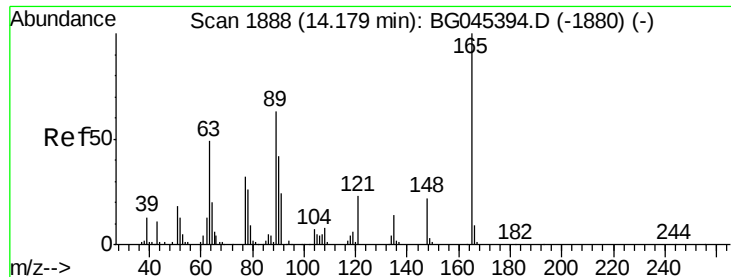
Tot Ion:172 Resp: 564009
Ion Ratio Lower Upper
172 100
171 36.3 29.5 44.3
170 23.8 18.5 27.7



#50
Dimethylphthalate
Concen: 3.977 ng
RT: 14.04 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045714.D
Acq: 11 Jun 2020 8:45

Tgt Ion:163 Resp: 43102
Ion Ratio Lower Upper
163 100
194 3.3 3.2 4.8
164 8.8 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 8.106 ng

RT: 14.58 min Scan# 1957

Delta R.T. 0.42 min

Lab File: BG045714.D

Acq: 11 Jun 2020 8:45

Instrument :

BNA_G

ClientSampleId :

EXT-WHITE-COMP-1

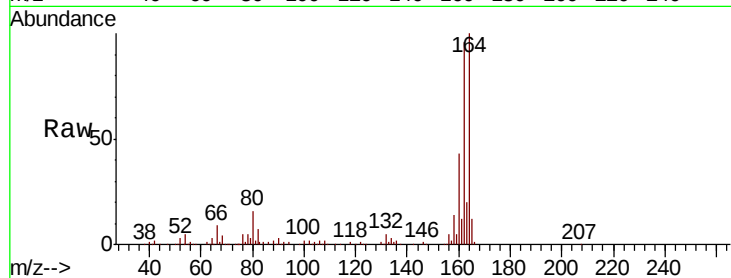
Tot Ion:165 Resp: 19824

Ion Ratio Lower Upper

165 100

63 1.8 45.0 67.4#

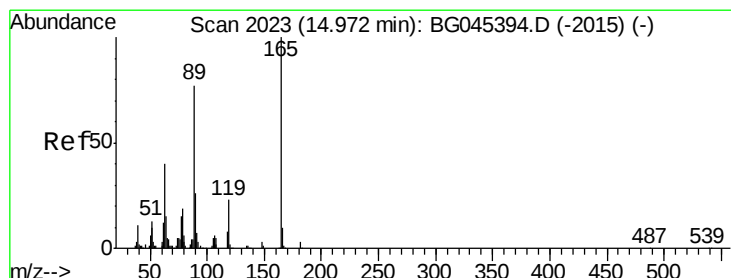
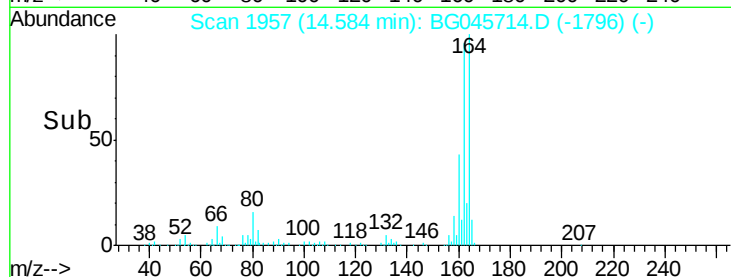
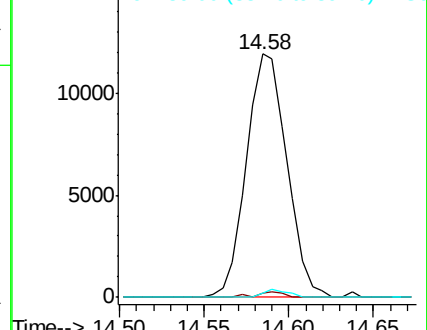
89 1.7 50.2 75.4#



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: 5.597 ng

RT: 14.58 min Scan# 1957

Delta R.T. -0.38 min

Lab File: BG045714.D

Acq: 11 Jun 2020 8:45

Tgt Ion:165 Resp: 19824

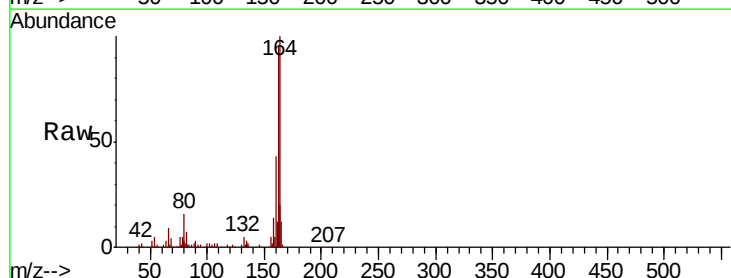
Ion Ratio Lower Upper

165 100

63 1.8 32.5 48.7#

89 1.7 61.8 92.6#

182 0.0 2.3 3.5#

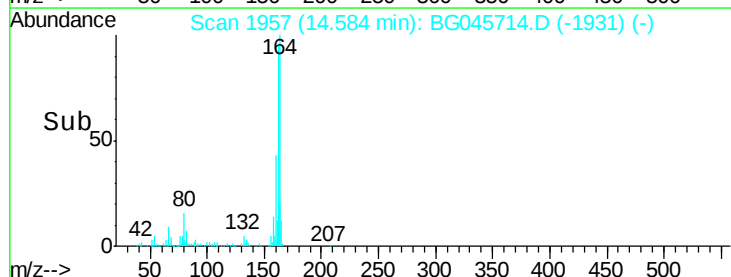
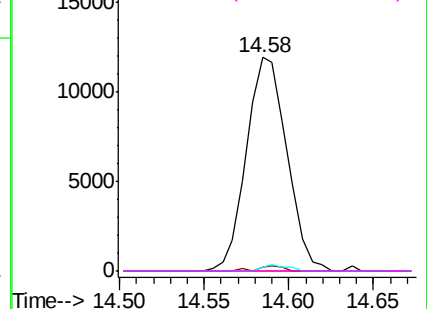


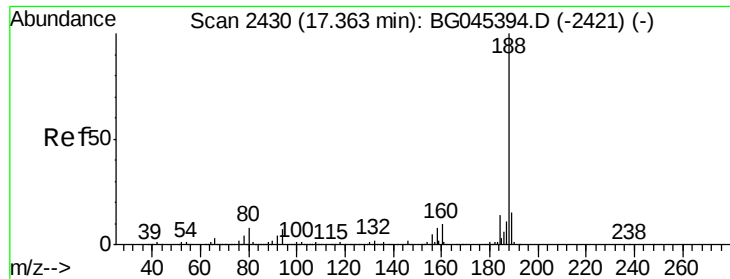
Abundance Ion 165.00 (164.70 to 165.70): E

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

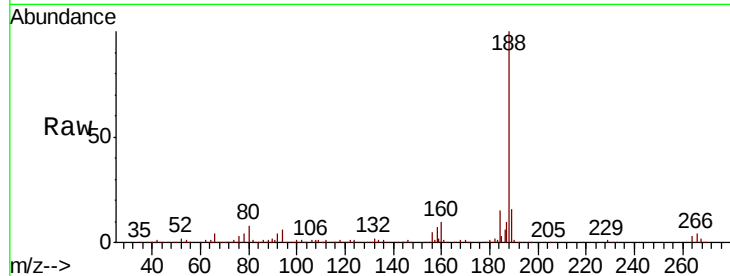




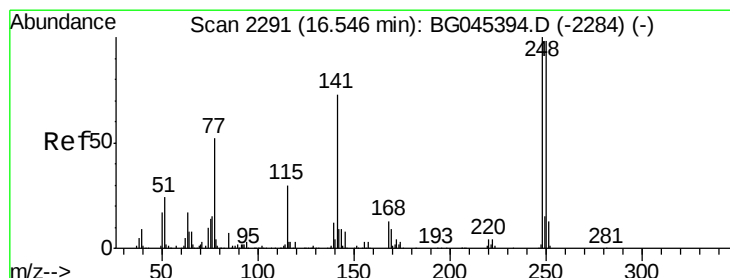
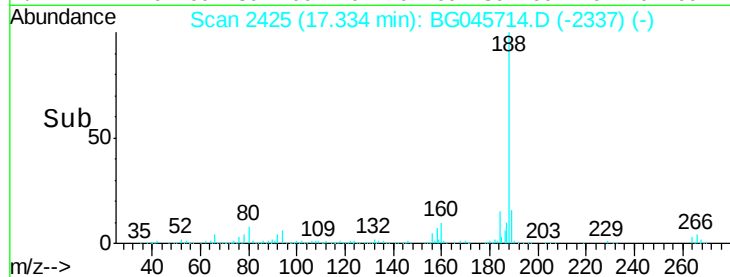
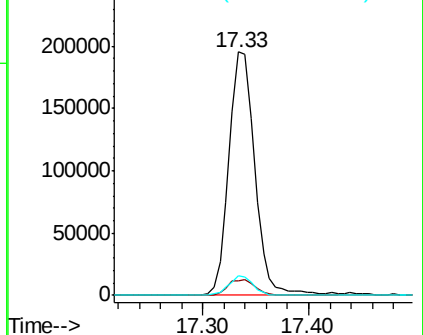
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.33 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BG045714.D
 Acq: 11 Jun 2020 8:45

Instrument :
 BNA_G
 ClientSampleId :
 EXT-WHITE-COMP-1

Tot Ion:188 Resp: 332133
 Ion Ratio Lower Upper
 188 100
 94 6.1 5.5 8.3
 80 8.0 6.6 10.0

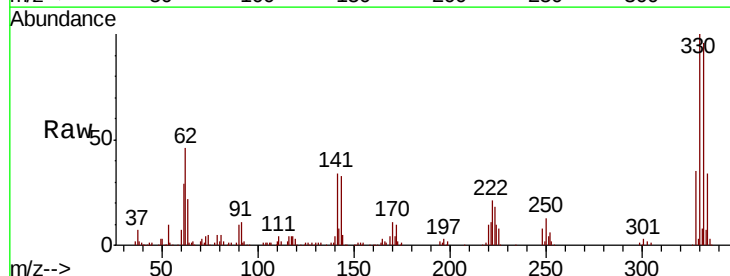


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

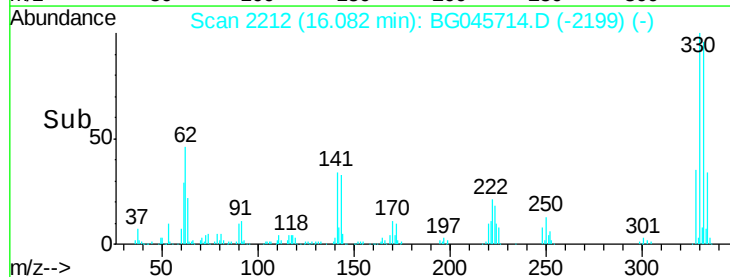
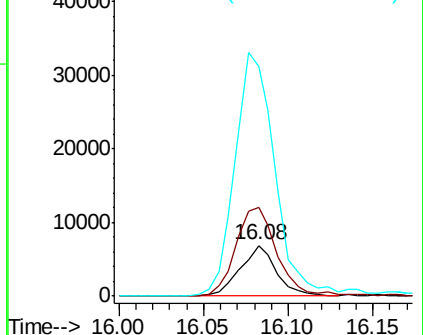


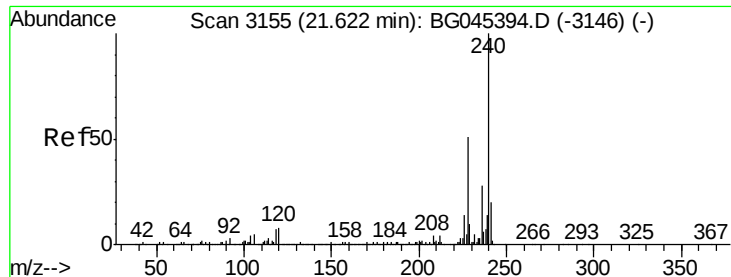
#67
 4-Bromophenyl-phenylether
 Concen: 2.869 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.45 min
 Lab File: BG045714.D
 Acq: 11 Jun 2020 8:45

Tgt Ion:248 Resp: 10319
 Ion Ratio Lower Upper
 248 100
 250 176.5 78.6 117.8#
 141 453.5 58.2 87.2#



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: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045714.D

Acq: 11 Jun 2020 8:45

Instrument :

BNA_G

ClientSampleId :

EXT-WHITE-COMP-1

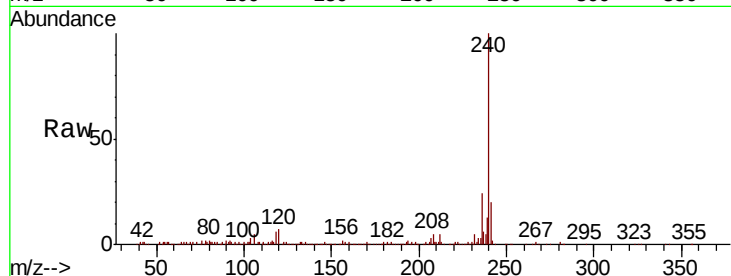
Tot Ion:240 Resp: 306303

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

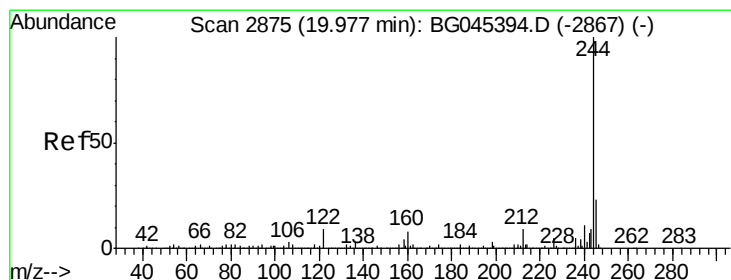
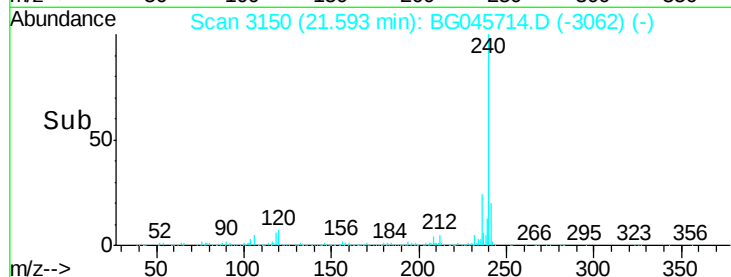
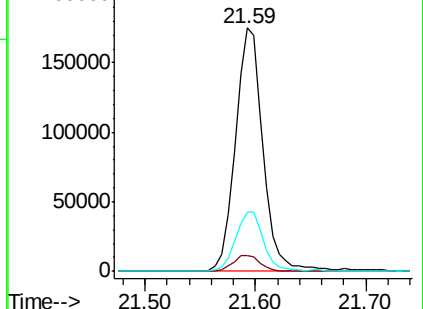
236 24.3 22.3 33.5



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: 64.351 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045714.D

Acq: 11 Jun 2020 8:45

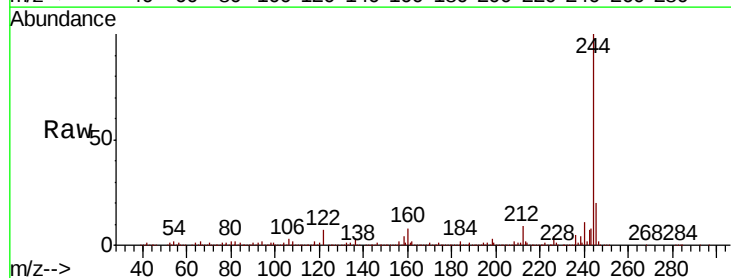
Tgt Ion:244 Resp: 845130

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.0

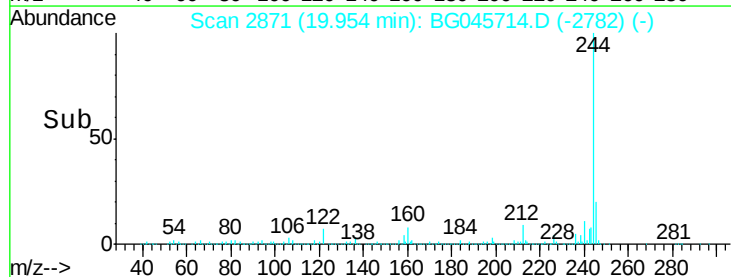
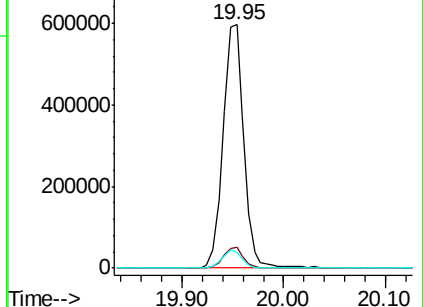
122 6.6 6.8 10.2#

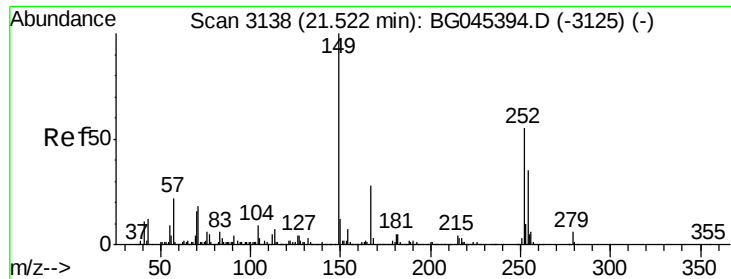


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.837 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG045714.D

Acq: 11 Jun 2020 8:45

Instrument :

BNA_G

ClientSampleId :

EXT-WHITE-COMP-1

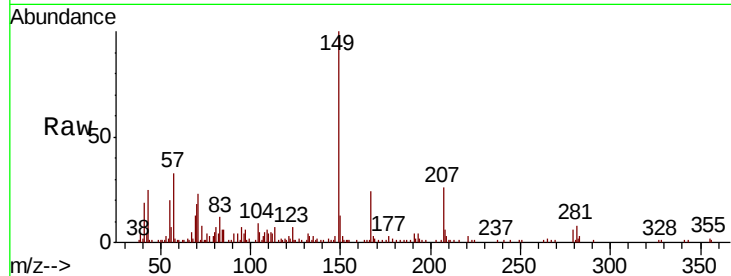
Tot Ion:149 Resp: 29393

Ion Ratio Lower Upper

149 100

167 24.1 22.2 33.2

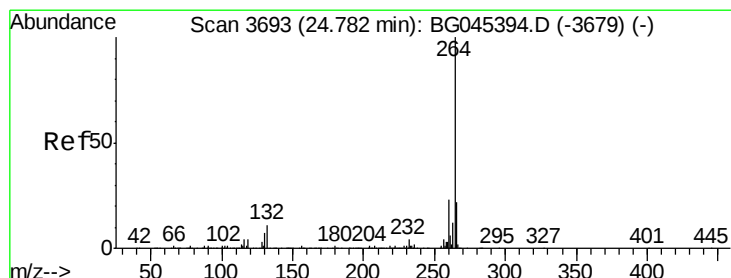
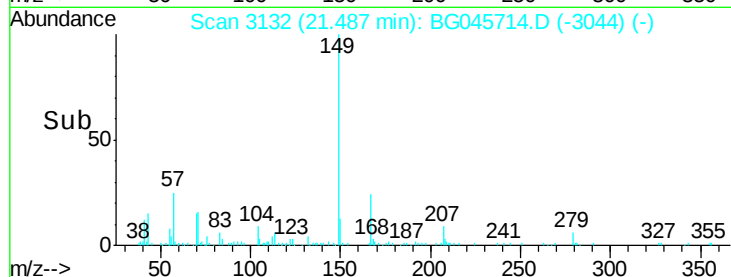
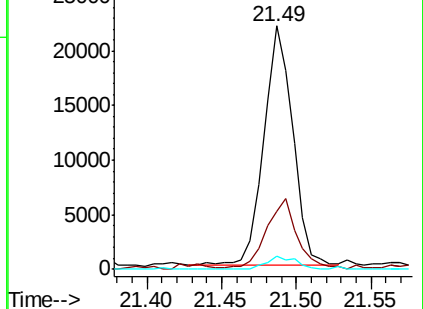
279 5.5 4.7 7.1



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: 24.74 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG045714.D

Acq: 11 Jun 2020 8:45

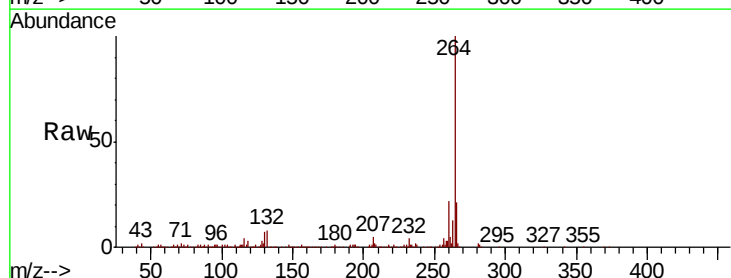
Tgt Ion:264 Resp: 347854

Ion Ratio Lower Upper

264 100

260 21.7 18.2 27.4

265 21.0 17.6 26.4



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

