

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081120\
 Data File : BG046215.D
 Acq On : 11 Aug 2020 11:05
 Operator : CG/JU
 Sample : L3607-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ES-TOTE-COMP

Quant Time: Aug 11 11:43:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

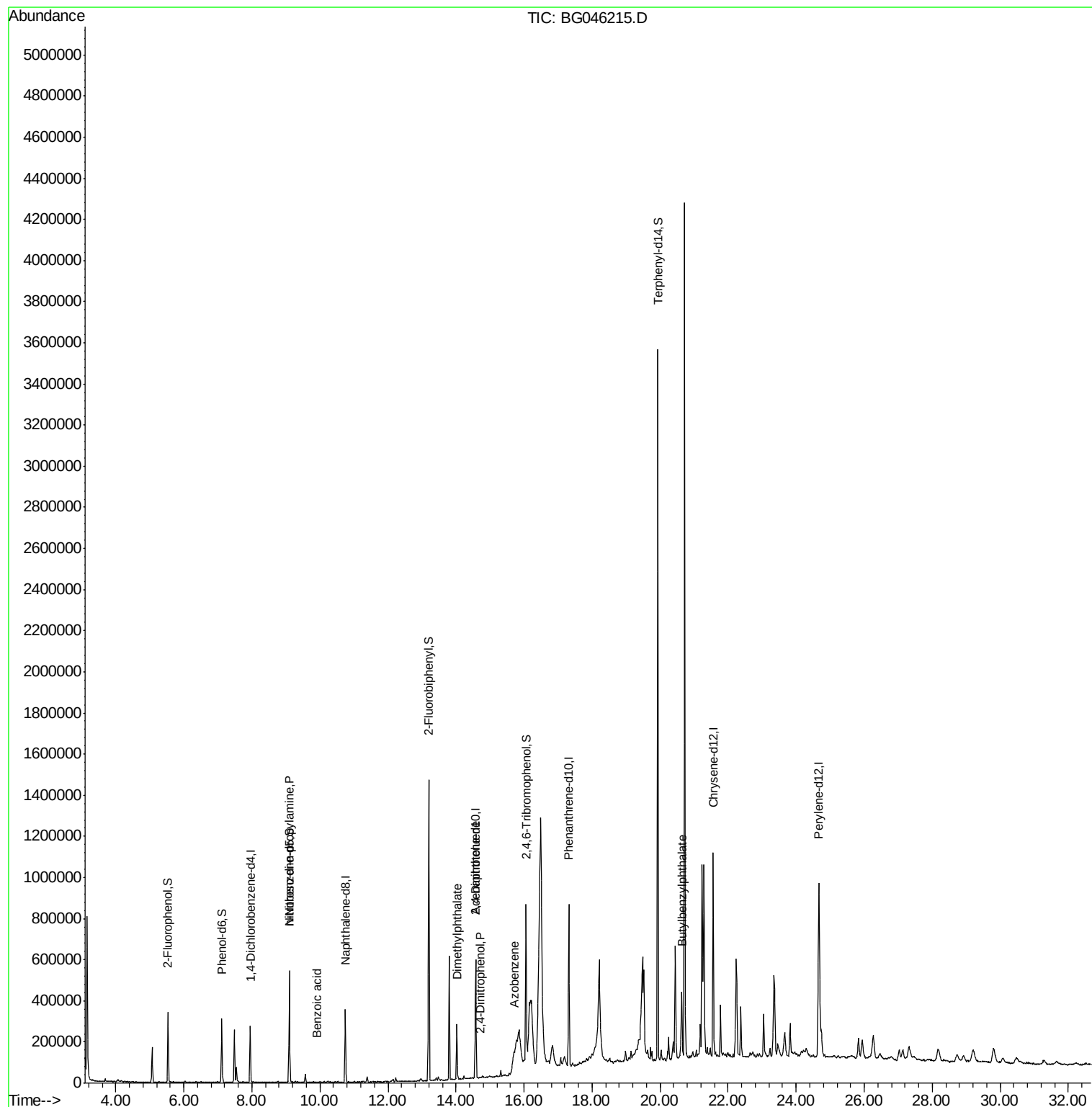
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	82981	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	314794	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	203080	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	498676	20.00	ng	-0.01
76) Chrysene-d12	21.56	240	634963	20.00	ng	-0.01
86) Perylene-d12	24.67	264	674978	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	155638	32.60	ng	0.00
7) Phenol-d6	7.12	99	189927	29.19	ng	0.00
23) Nitrobenzene-d5	9.10	82	326624	56.18	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	174216	55.85	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	813747	58.21	ng	0.00
79) Terphenyl-d14	19.93	244	1545499	49.57	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	41152	9.719	ng	# 77
32) Benzoic acid	9.92	122	71	9.427	ng	# 1
50) Dimethylphthalate	14.02	163	191672	12.297	ng	97
54) 2,4-Dinitrophenol	14.72	184	55	7.088	ng	# 28
57) 2,4-Dinitrotoluene	14.58	165	27435	5.501	ng	# 29
63) Azobenzene	15.70	77	57768	4.020	ng	# 1
80) Butylbenzylphthalate	20.64	149	37881	2.451	ng	# 41

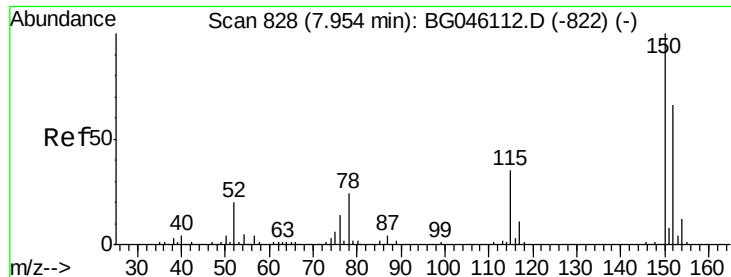
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081120\
Data File : BG046215.D
Acq On : 11 Aug 2020 11:05
Operator : CG/JU
Sample : L3607-01RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ES-TOTE-COMP

Quant Time: Aug 11 11:43:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration



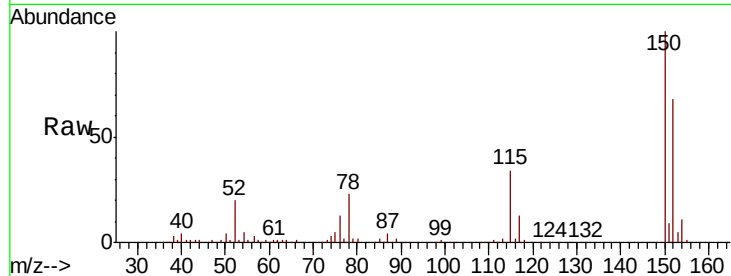


#1

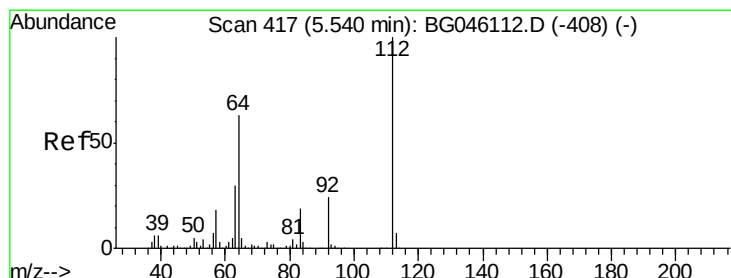
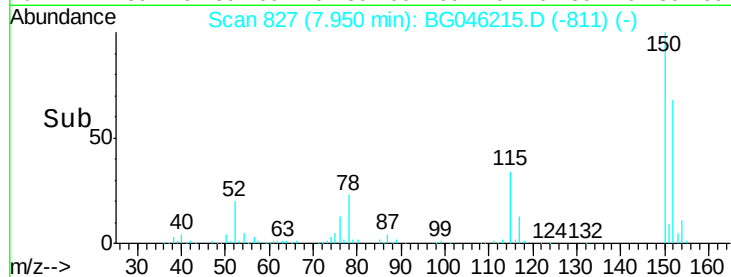
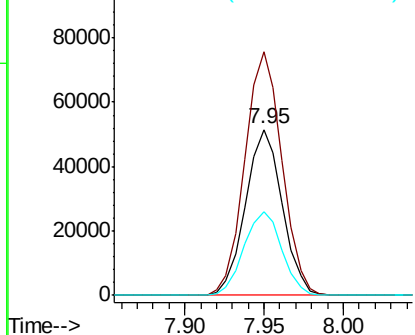
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046215.D
Acq: 11 Aug 2020 11:05

Instrument :
BNA_G
ClientSampleId :
ES-TOTE-COMP

Tot Ion:152 Resp: 82981
Ion Ratio Lower Upper
152 100
150 146.8 122.1 183.1
115 50.5 43.2 64.8



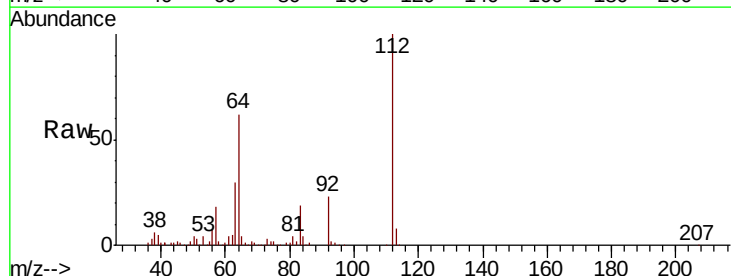
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



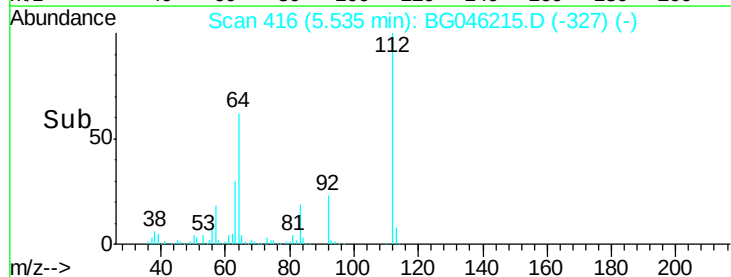
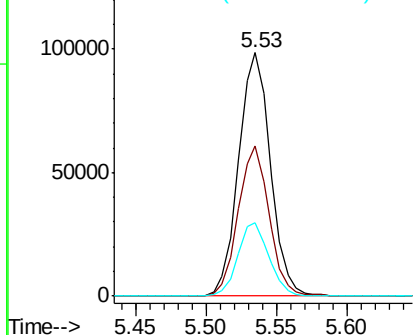
#5

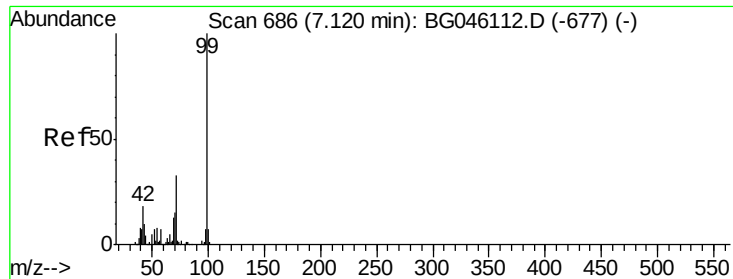
2-Fluorophenol
Concen: 32.605 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG046215.D
Acq: 11 Aug 2020 11:05

Tgt Ion:112 Resp: 155638
Ion Ratio Lower Upper
112 100
64 61.5 50.2 75.2
63 30.1 24.2 36.4



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: 29.194 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG046215.D

Acq: 11 Aug 2020 11:05

Instrument :

BNA_G

ClientSampleId :

ES-TOTE-COMP

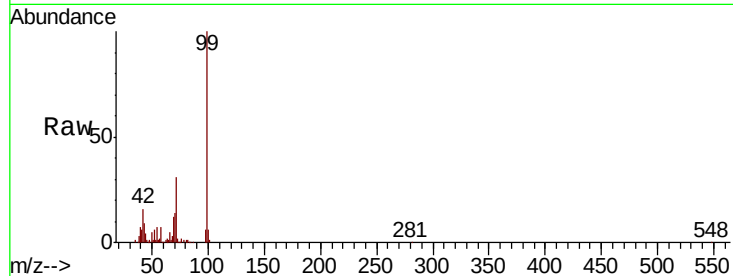
Tot Ion: 99 Resp: 189927

Ion Ratio Lower Upper

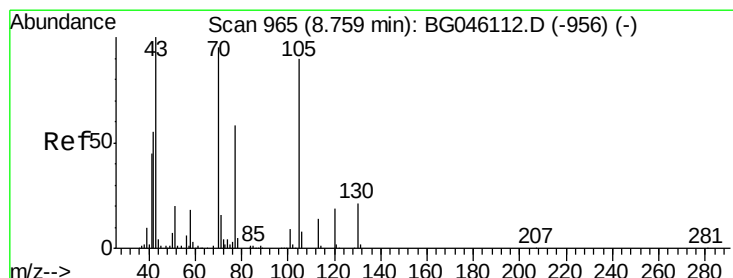
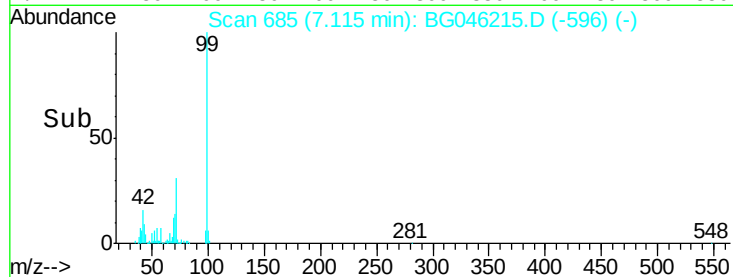
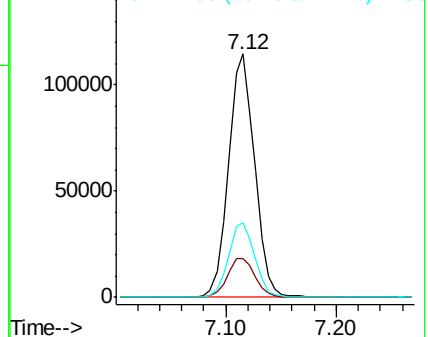
99 100

42 16.1 14.7 22.1

71 30.5 26.5 39.7



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: 9.719 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.34 min

Lab File: BG046215.D

Acq: 11 Aug 2020 11:05

Tgt Ion: 70 Resp: 41152

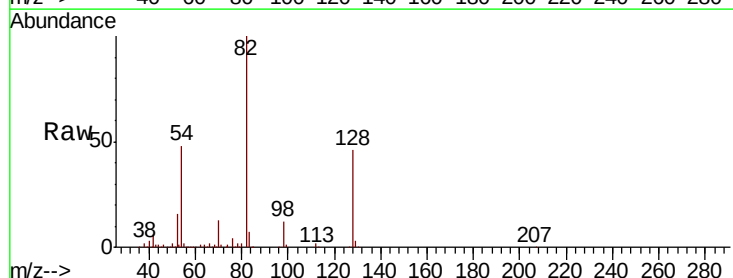
Ion Ratio Lower Upper

70 100

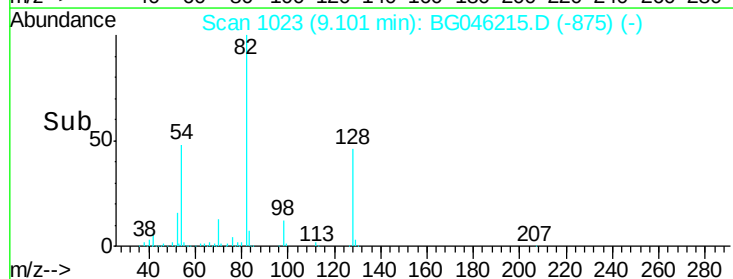
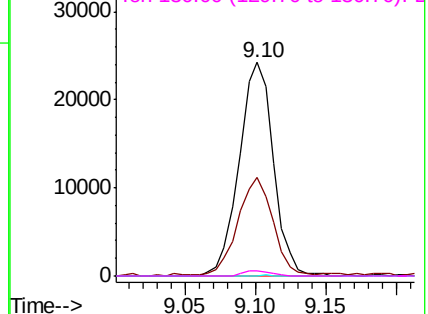
42 46.4 46.5 69.7#

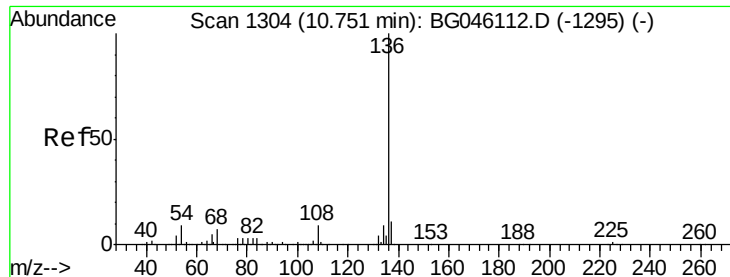
101 0.0 7.6 11.4#

130 2.2 17.3 25.9#



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

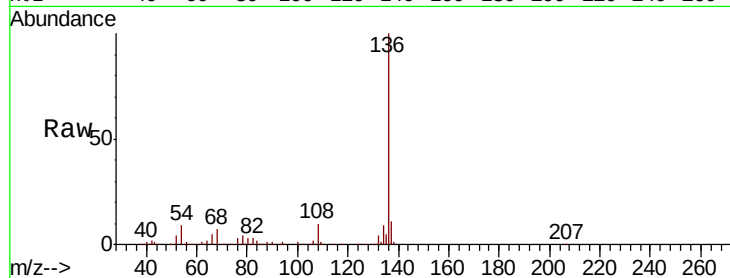




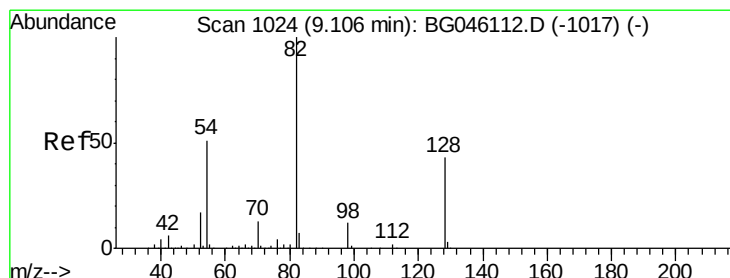
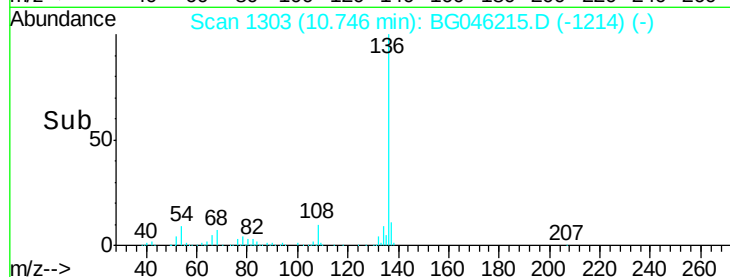
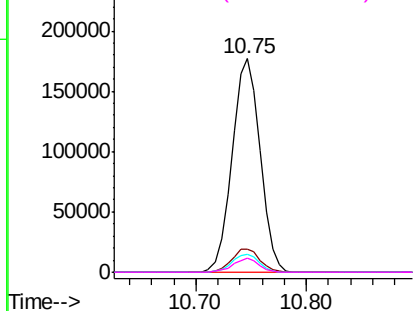
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG046215.D
Acq: 11 Aug 2020 11:05

Instrument :
BNA_G
ClientSampleId :
ES-TOTE-COMP

Tot Ion:136	Resp:	314794
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.8	13.2
54 8.6	7.0	10.4
68 6.5	5.3	7.9

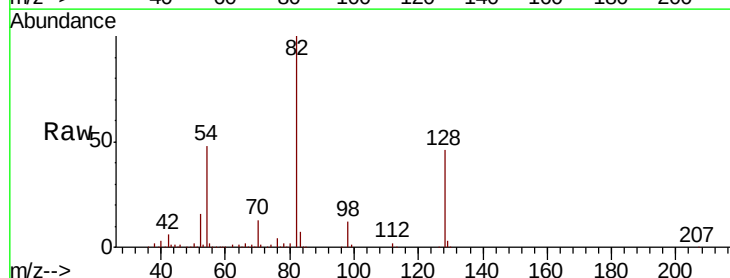


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

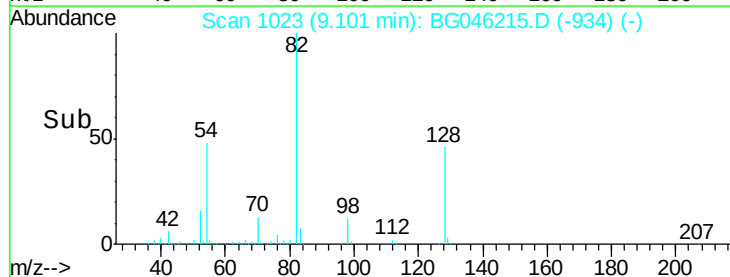
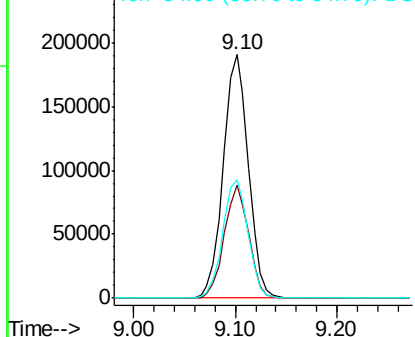


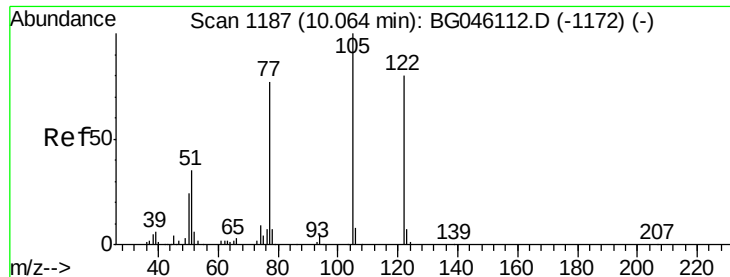
#23
Nitrobenzene-d5
Concen: 56.177 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG046215.D
Acq: 11 Aug 2020 11:05

Tgt Ion: 82	Resp: 326624
Ion Ratio	Lower Upper
82 100	
128 46.2	34.4 51.6
54 48.4	40.8 61.2



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

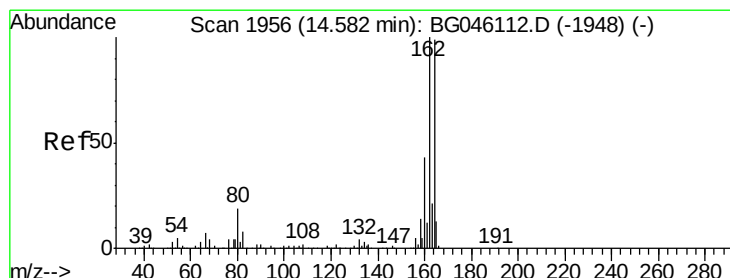
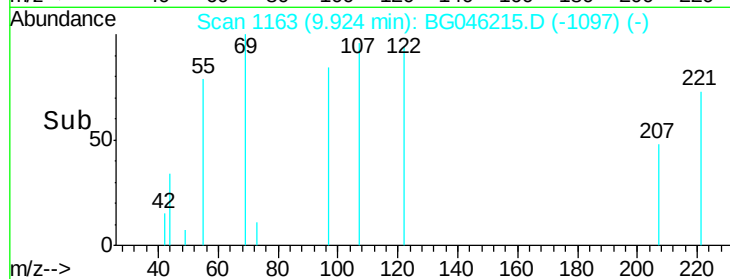
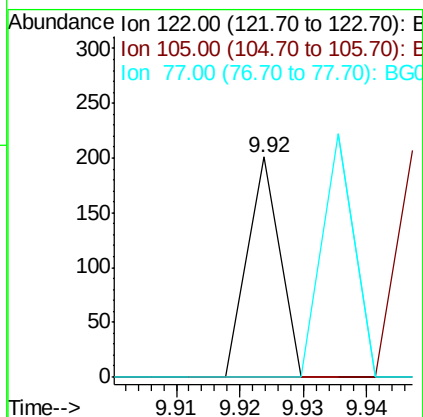
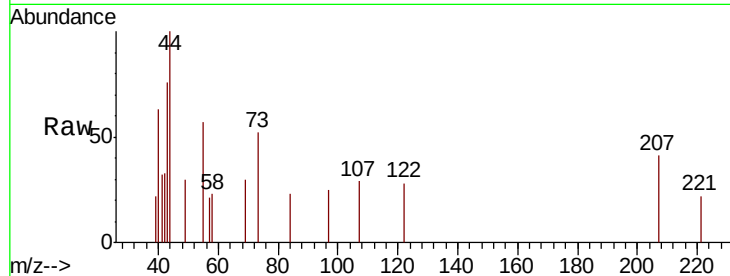




#32
Benzoic acid
Concen: 9.427 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.14 min
Lab File: BG046215.D
Acq: 11 Aug 2020 11:05

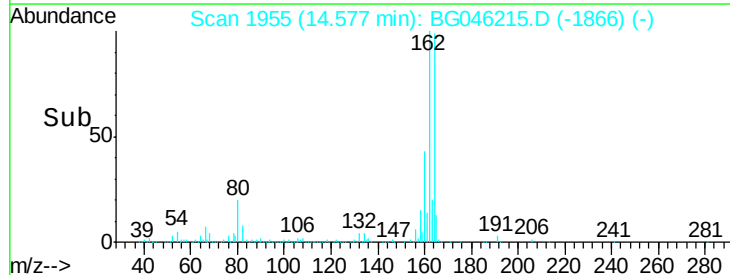
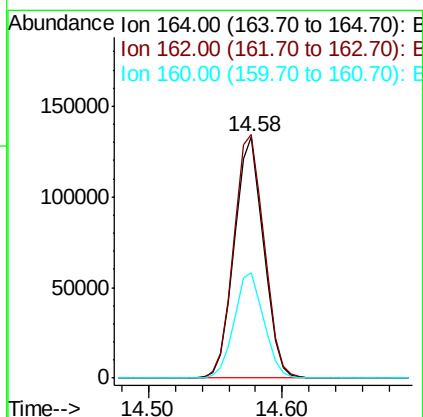
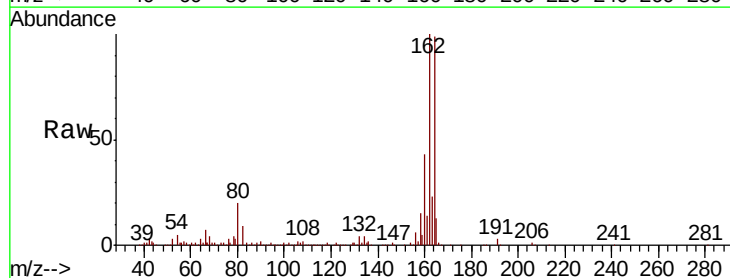
Instrument :
BNA_G
ClientSampleId :
ES-TOTE-COMP

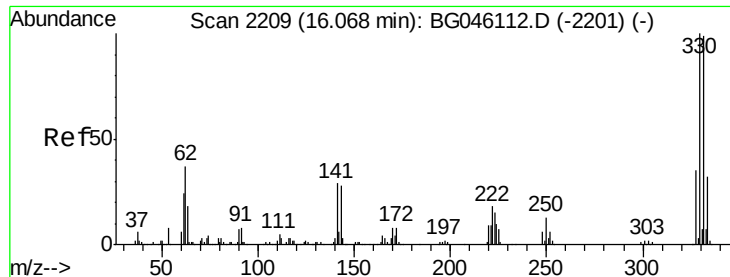
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.0	143.0#
77	0.0	75.2	115.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG046215.D
Acq: 11 Aug 2020 11:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.6	121.0
160	43.8	34.9	52.3





#42

2,4,6-Tribromophenol

Concen: 55.852 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BG046215.D

Acq: 11 Aug 2020 11:05

Instrument :

BNA_G

ClientSampleId :

ES-TOTE-COMP

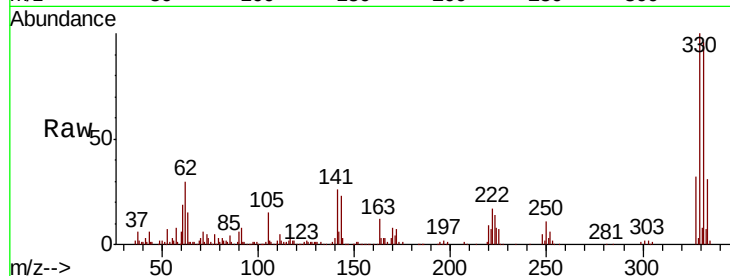
Tot Ion:330 Resp: 174216

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

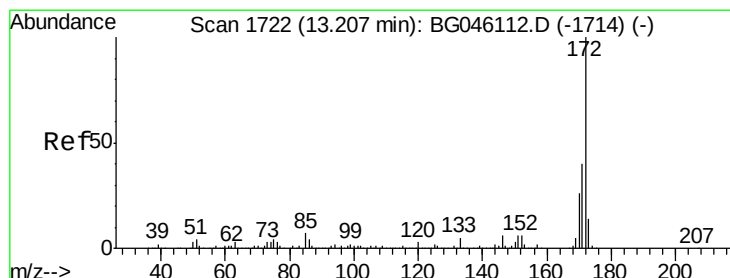
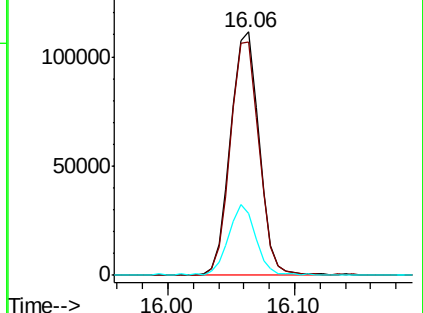
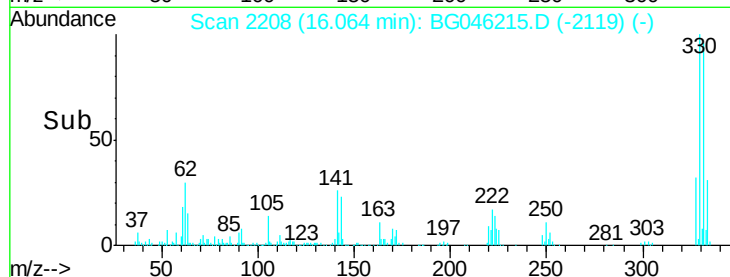
141 27.1 23.4 35.0



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: 58.207 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BG046215.D

Acq: 11 Aug 2020 11:05

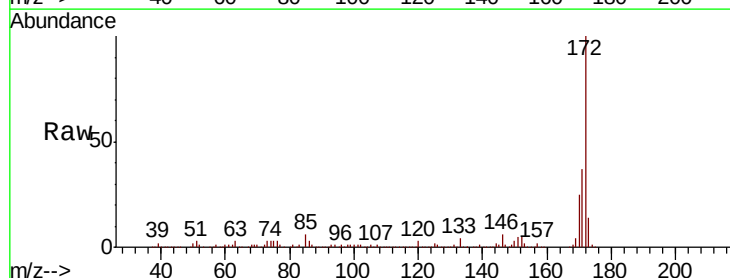
Tgt Ion:172 Resp: 813747

Ion Ratio Lower Upper

172 100

171 37.3 31.7 47.5

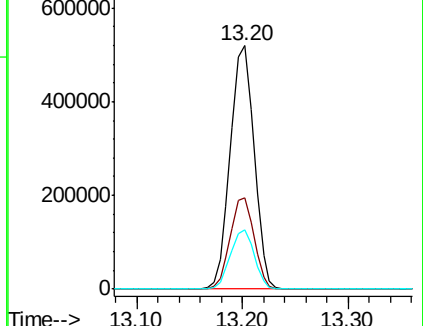
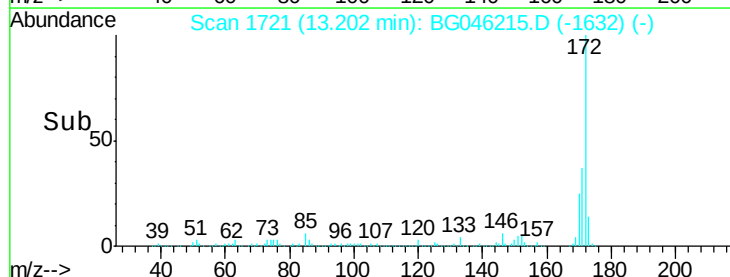
170 24.6 20.9 31.3

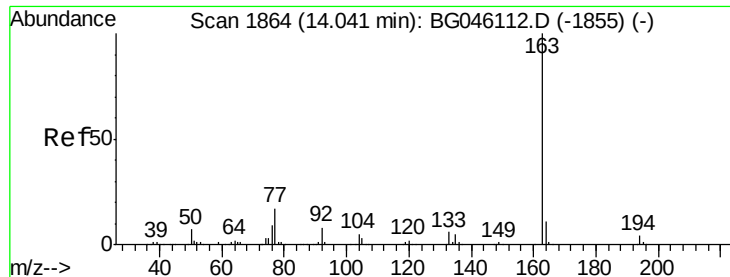


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 12.297 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.02 min

Lab File: BG046215.D

Acq: 11 Aug 2020 11:05

Instrument :

BNA_G

ClientSampleId :

ES-TOTE-COMP

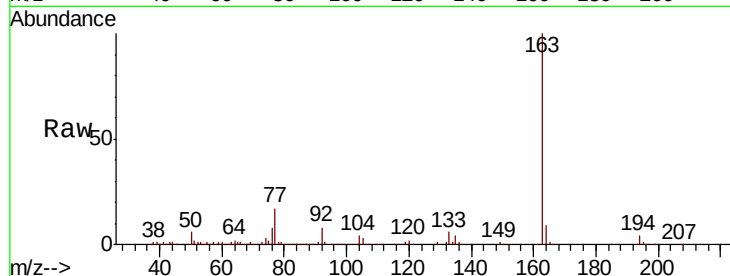
Tot Ion:163 Resp: 191672

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

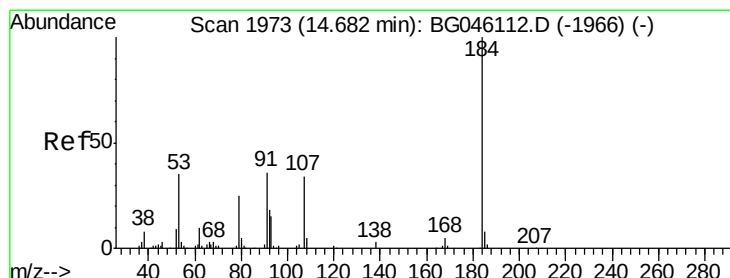
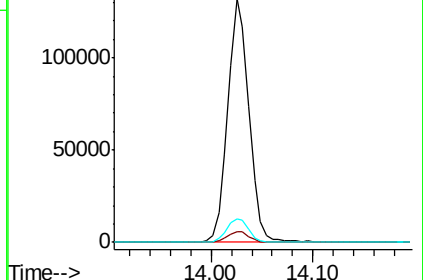
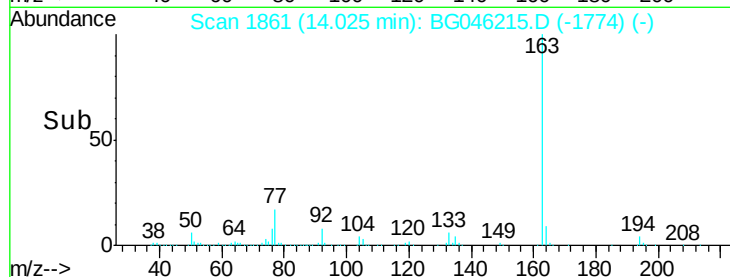
164 9.4 8.8 13.2



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



#54

2,4-Dinitrophenol

Concen: 7.088 ng

RT: 14.72 min Scan# 1979

Delta R.T. 0.04 min

Lab File: BG046215.D

Acq: 11 Aug 2020 11:05

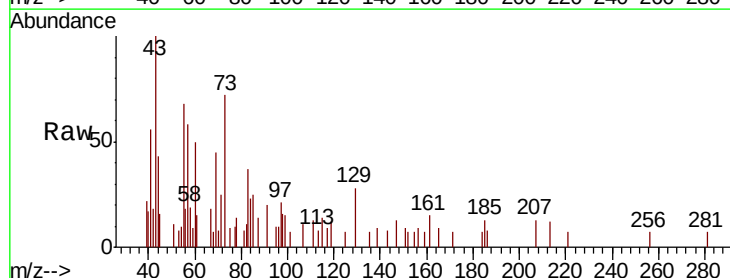
Tgt Ion:184 Resp: 55

Ion Ratio Lower Upper

184 100

63 0.0 36.7 55.1#

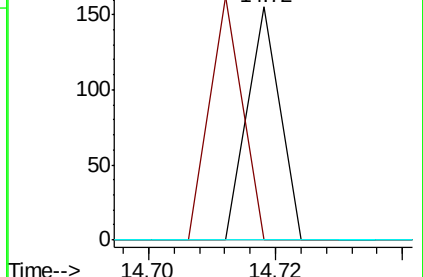
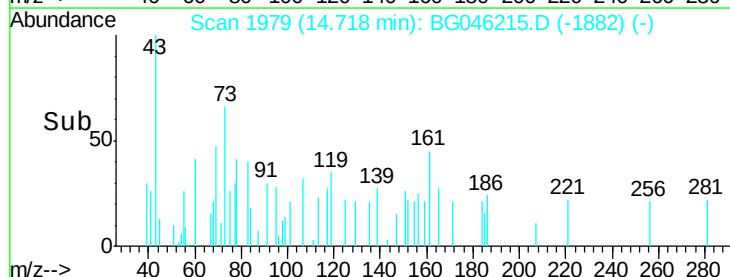
154 0.0 41.3 61.9#

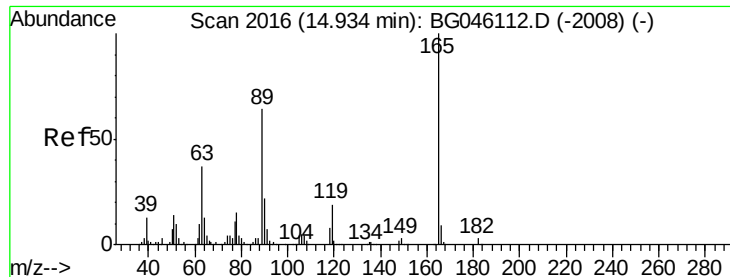


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

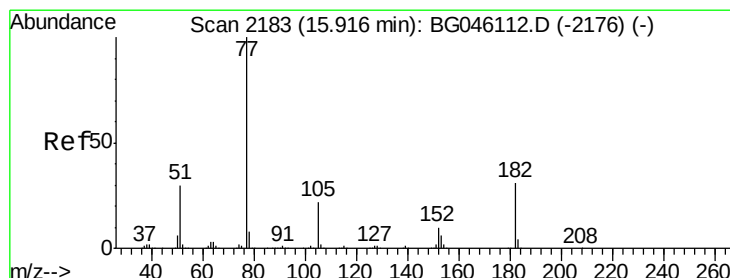
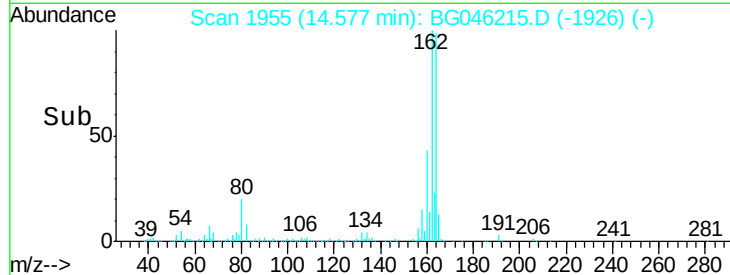
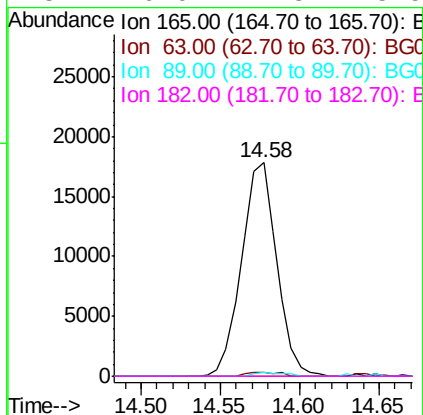
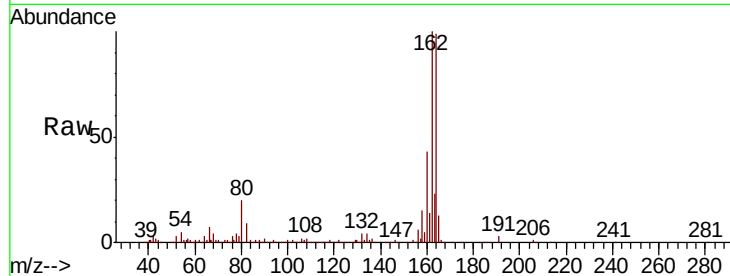




#57
 2,4-Dinitrotoluene
 Concen: 5.501 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046215.D
 Acq: 11 Aug 2020 11:05

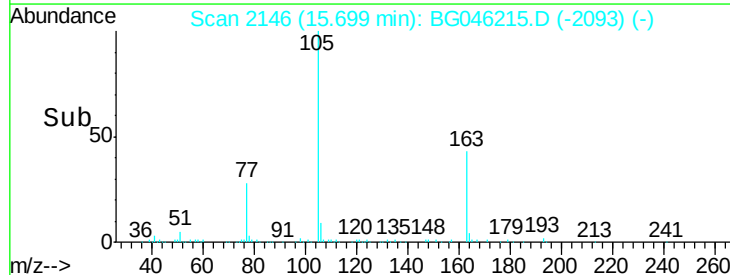
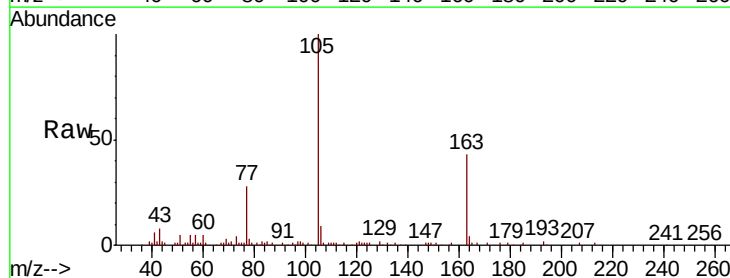
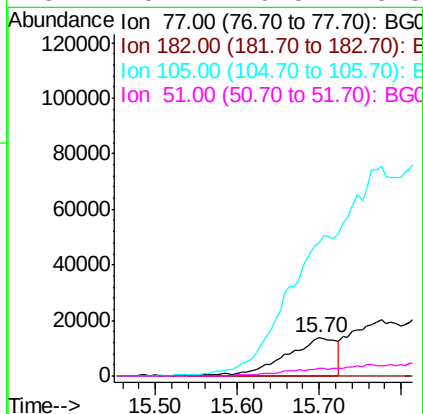
Instrument :
 BNA_G
 ClientSampleId :
 ES-TOTE-COMP

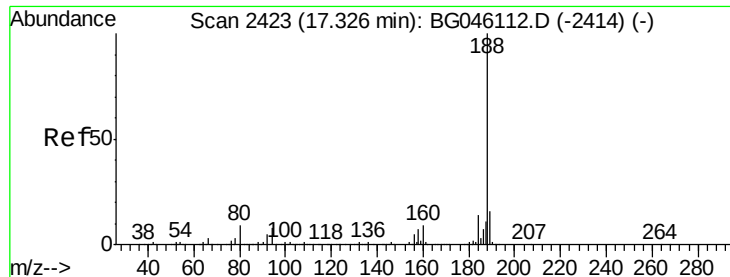
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	30.1	45.1#
89	1.9	51.4	77.2#
182	0.0	2.3	3.5#



#63
 Azobenzene
 Concen: 4.020 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.22 min
 Lab File: BG046215.D
 Acq: 11 Aug 2020 11:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	0.0	10.7	50.7#
105	351.7	1.9	41.9#
51	19.2	9.5	49.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BG046215.D

Acq: 11 Aug 2020 11:05

Instrument :

BNA_G

ClientSampleId :

ES-TOTE-COMP

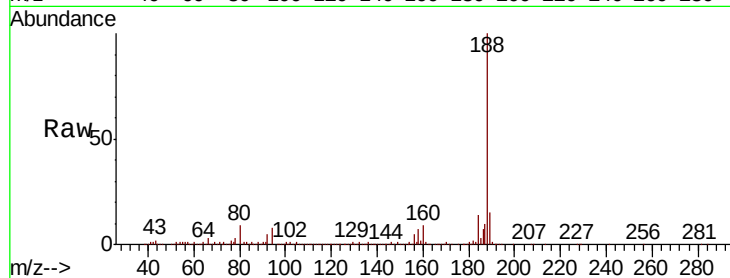
Tot Ion:188 Resp: 498676

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

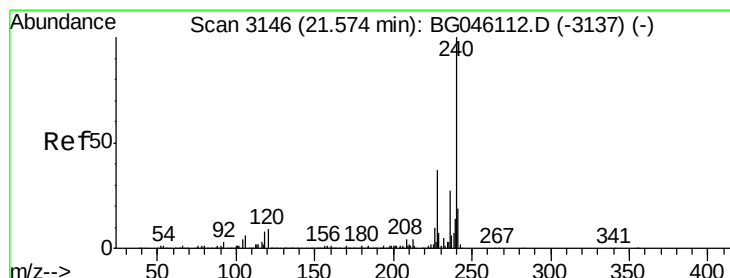
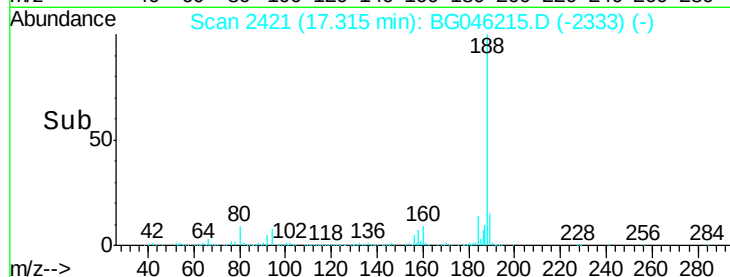
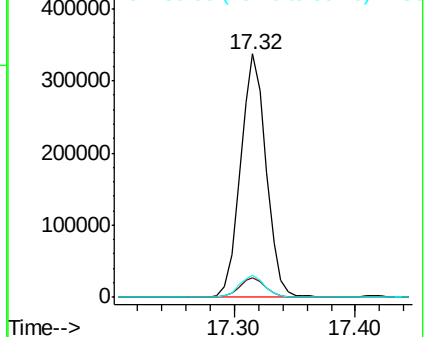
80 9.2 7.4 11.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG046215.D

Acq: 11 Aug 2020 11:05

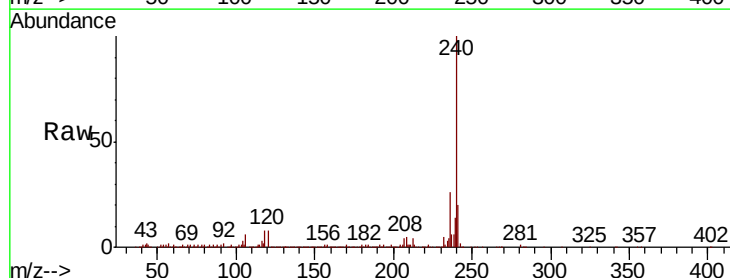
Tgt Ion:240 Resp: 634963

Ion Ratio Lower Upper

240 100

120 8.0 7.1 10.7

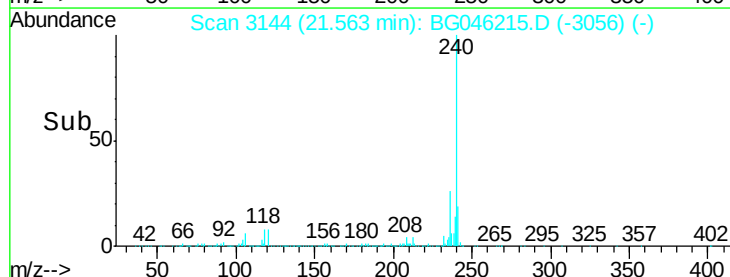
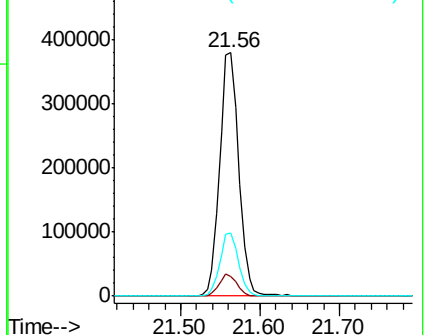
236 26.0 21.7 32.5

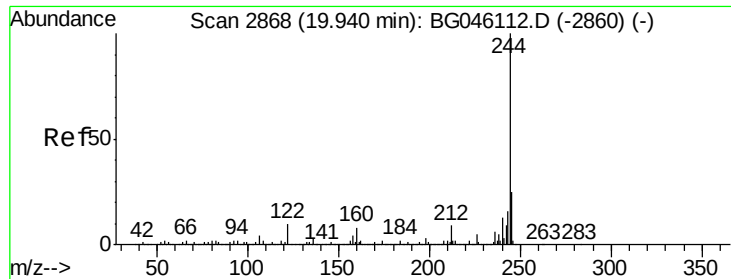


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 49.572 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BG046215.D

Acq: 11 Aug 2020 11:05

Instrument :

BNA_G

ClientSampleId :

ES-TOTE-COMP

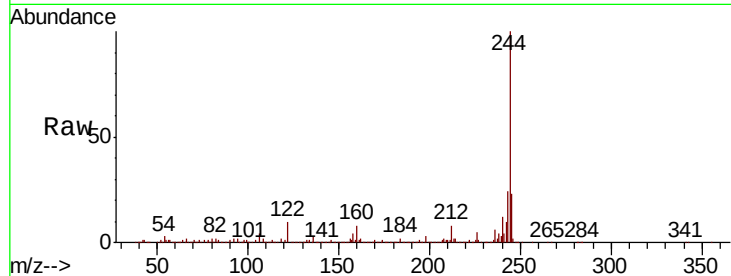
Tot Ion:244 Resp: 1545499

Ion Ratio Lower Upper

244 100

212 8.2 7.2 10.8

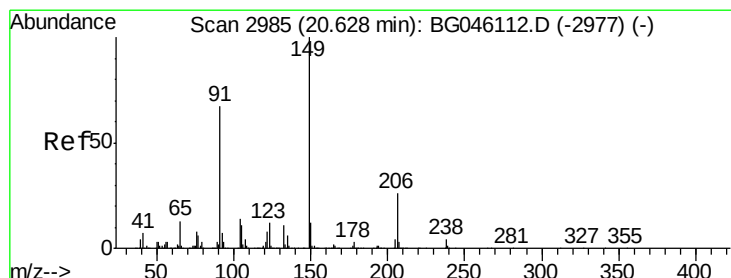
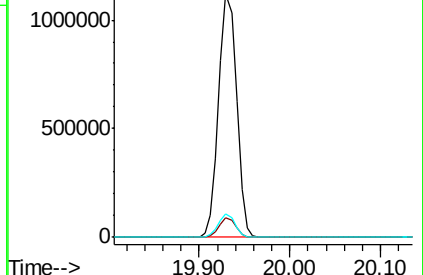
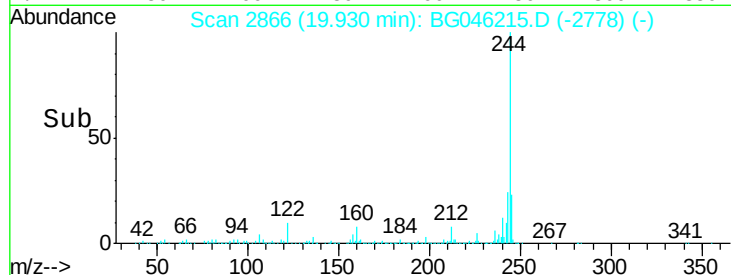
122 9.8 8.3 12.5



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



#80

Butylbenzylphthalate

Concen: 2.451 ng

RT: 20.64 min Scan# 2987

Delta R.T. 0.01 min

Lab File: BG046215.D

Acq: 11 Aug 2020 11:05

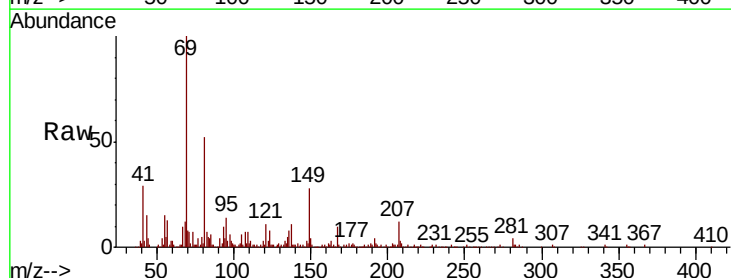
Tgt Ion:149 Resp: 37881

Ion Ratio Lower Upper

149 100

91 15.3 53.8 80.8#

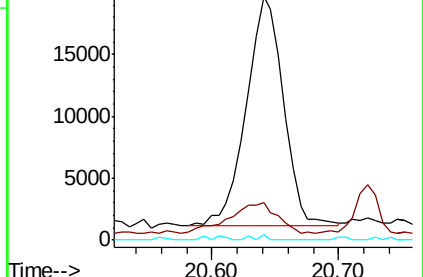
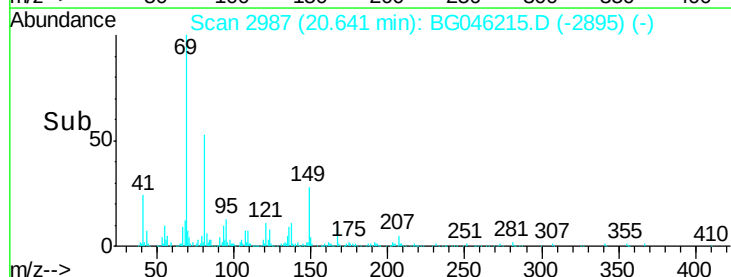
206 2.4 20.4 30.6#

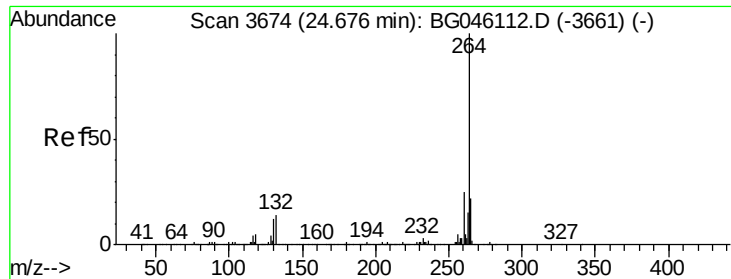


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

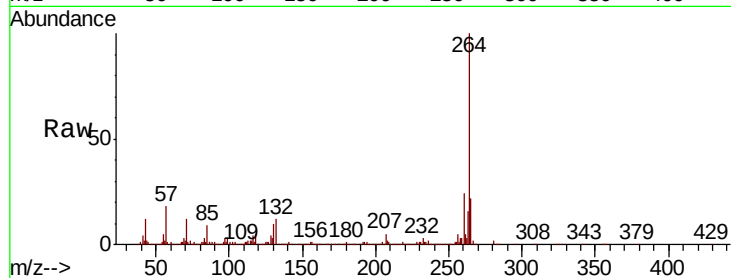




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.67 min Scan# 3672
 Delta R.T. -0.01 min
 Lab File: BG046215.D
 Acq: 11 Aug 2020 11:05

Instrument :
 BNA_G
 ClientSampleId :
 ES-TOTE-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	21.9	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

