

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
 Data File : BG046209.D
 Acq On : 10 Aug 2020 16:42
 Operator : CG/JU
 Sample : L3607-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ES-TOTE-COMP

Quant Time: Aug 10 17:24:47 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

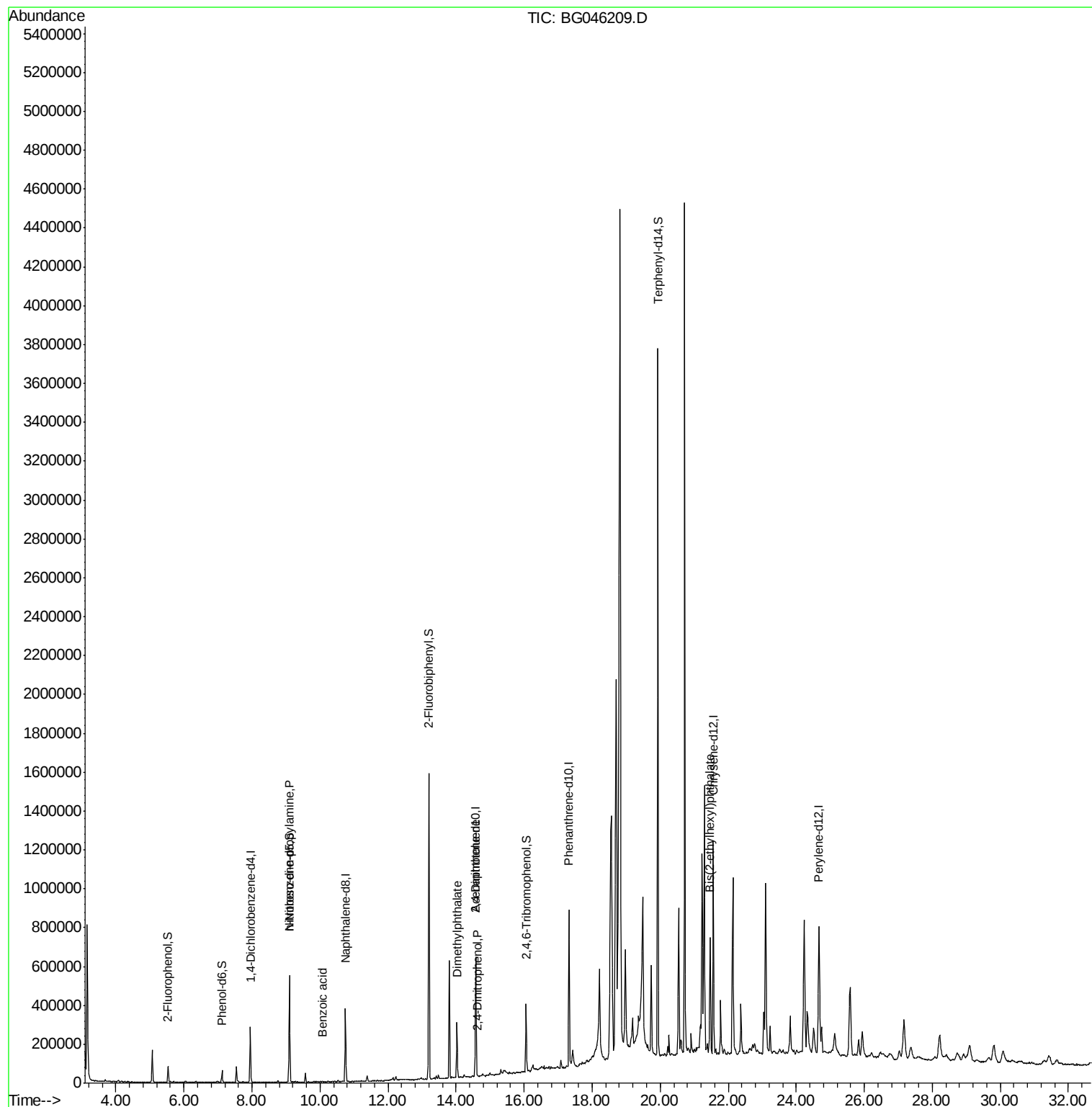
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	88818	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	339038	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	220403	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	533977	20.00	ng	0.00
76) Chrysene-d12	21.56	240	674074	20.00	ng	-0.01
86) Perylene-d12	24.67	264	728719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	41252	8.07	ng	0.00
7) Phenol-d6	7.12	99	37877	5.44	ng	0.00
23) Nitrobenzene-d5	9.10	82	340672	54.40	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	81976	24.21	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	862524	56.85	ng	0.00
79) Terphenyl-d14	19.93	244	1646921	49.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	44135	9.739	ng	# 72
32) Benzoic acid	10.07	122	397	9.498	ng	# 1
50) Dimethylphthalate	14.03	163	208273	12.312	ng	# 98
54) 2,4-Dinitrophenol	14.63	184	125	7.112	ng	# 29
57) 2,4-Dinitrotoluene	14.57	165	29030	5.363	ng	# 30
84) Bis(2-ethylhexyl)phthalate	21.47	149	53269	2.271	ng	# 94

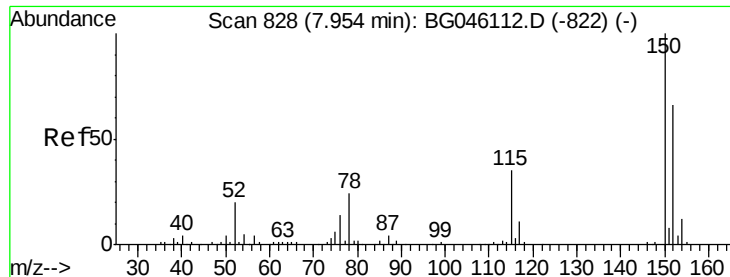
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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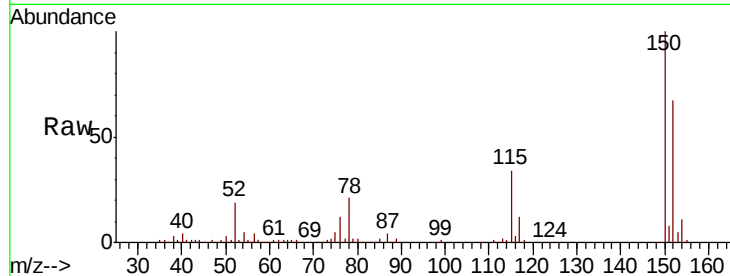


#1

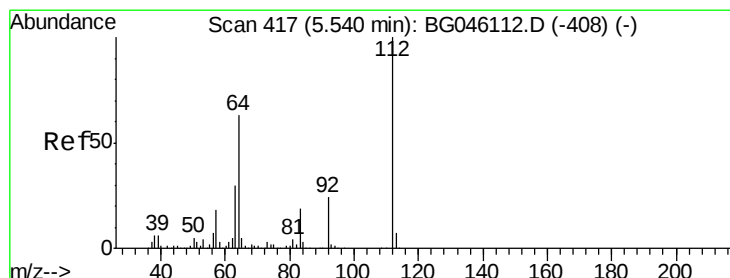
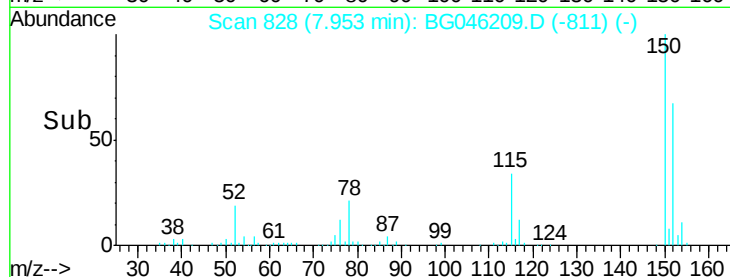
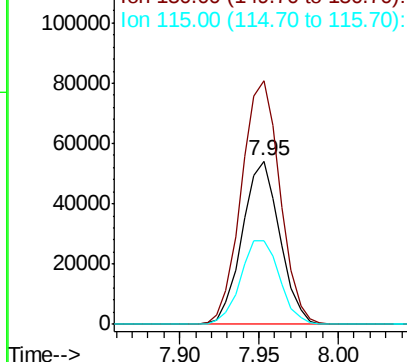
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BG046209.D
 Acq: 10 Aug 2020 16:42

Instrument :
 BNA_G
 ClientSampleId :
 ES-TOTE-COMP

Tot Ion:152 Resp: 88818
 Ion Ratio Lower Upper
 152 100
 150 149.4 122.1 183.1
 115 51.3 43.2 64.8



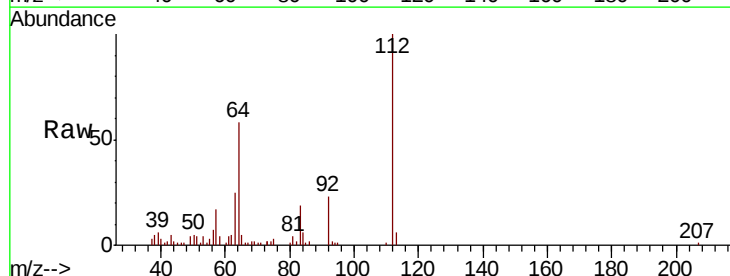
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



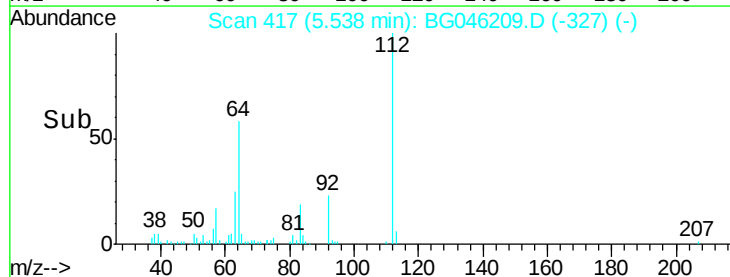
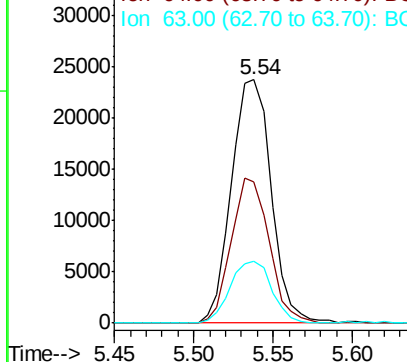
#5

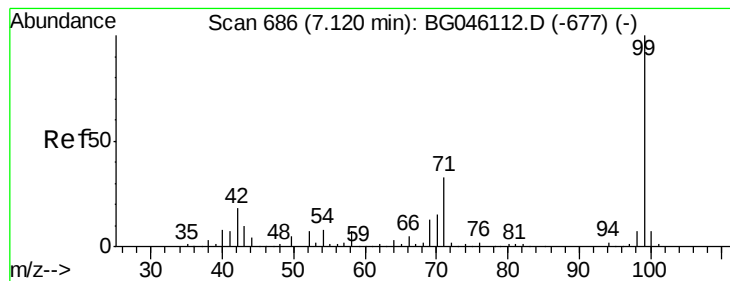
2-Fluorophenol
 Concen: 8.074 ng
 RT: 5.54 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BG046209.D
 Acq: 10 Aug 2020 16:42

Tgt Ion:112 Resp: 41252
 Ion Ratio Lower Upper
 112 100
 64 57.7 50.2 75.2
 63 25.5 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: 5.440 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

Instrument :

BNA_G

ClientSampleId :

ES-TOTE-COMP

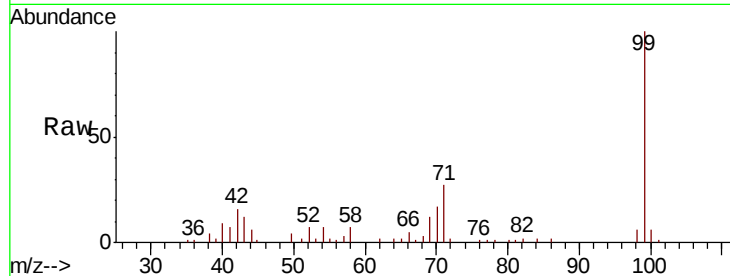
Tot Ion: 99 Resp: 37877

Ion Ratio Lower Upper

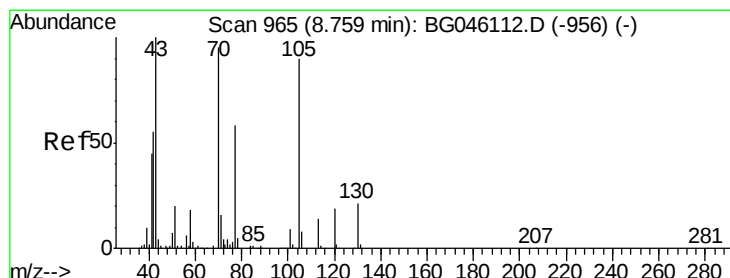
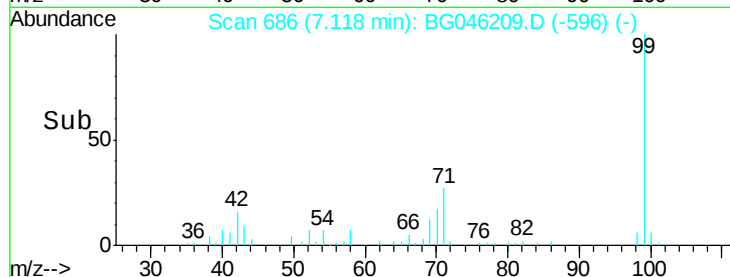
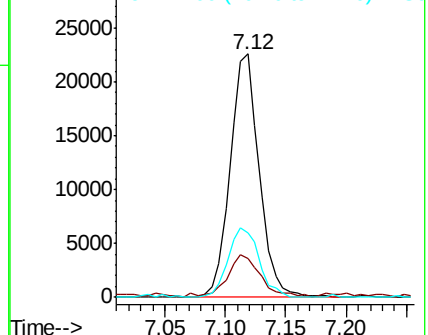
99 100

42 15.8 14.7 22.1

71 26.5 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: 9.739 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

Tgt Ion: 70 Resp: 44135

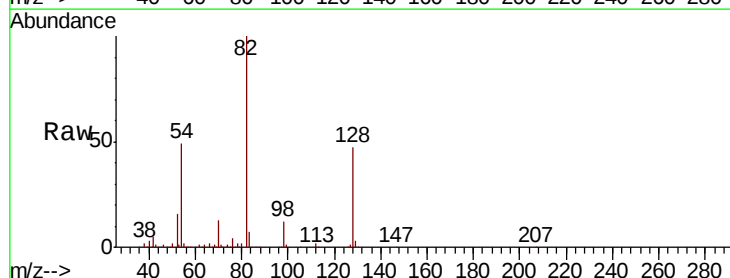
Ion Ratio Lower Upper

70 100

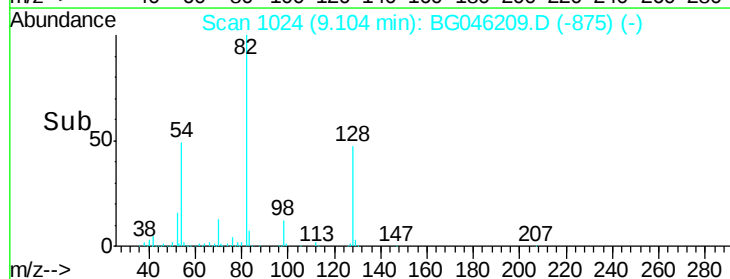
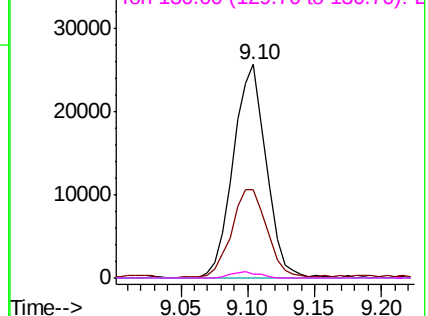
42 41.2 46.5 69.7#

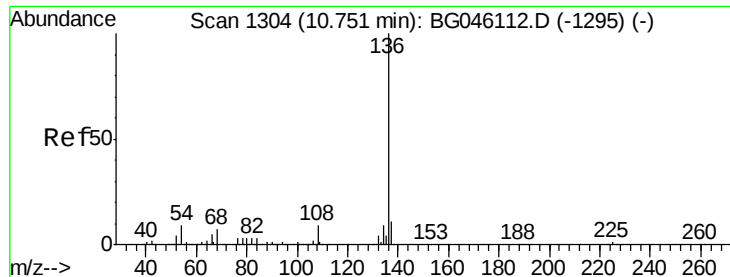
101 0.0 7.6 11.4#

130 1.9 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

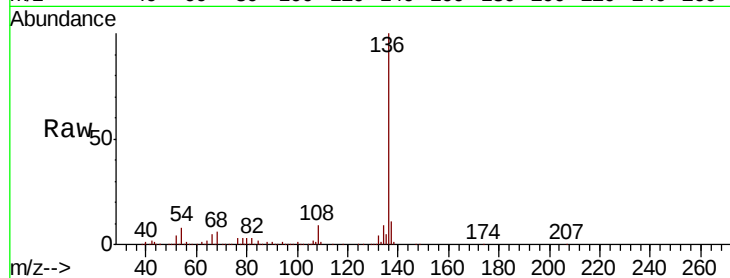




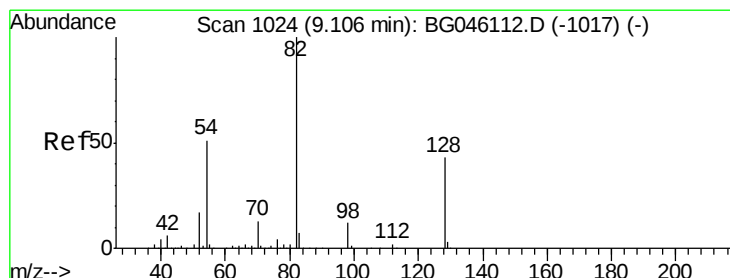
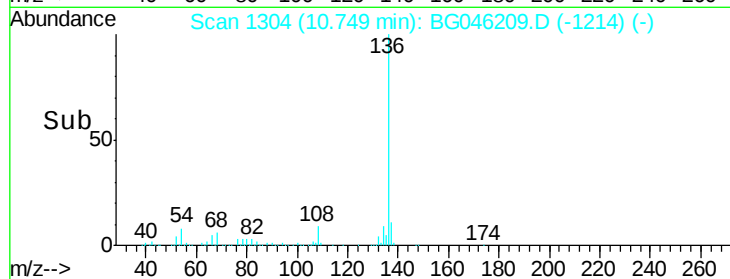
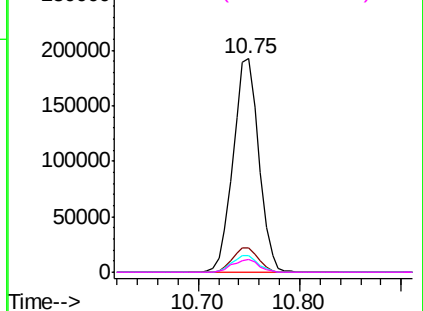
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046209.D
Acq: 10 Aug 2020 16:42

Instrument :
BNA_G
ClientSampleId :
ES-TOTE-COMP

Tot Ion:136	Resp:	339038	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.8	13.2	
54 7.8	7.0	10.4	
68 6.1	5.3	7.9	

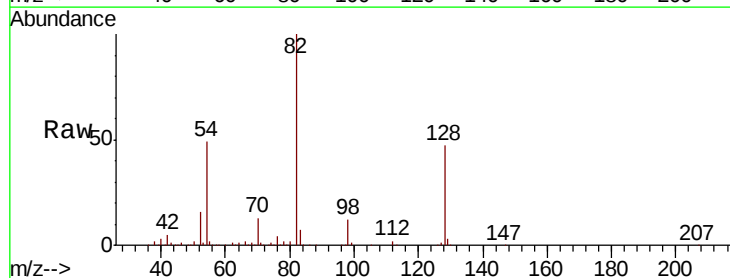


Abundance Ion 136.00 (135.70 to 136.70): E
300000
Ion 137.00 (136.70 to 137.70): E
250000
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

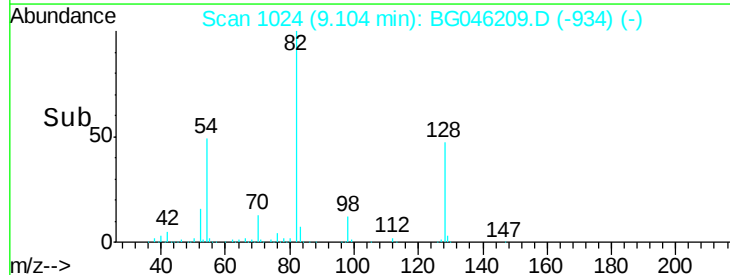
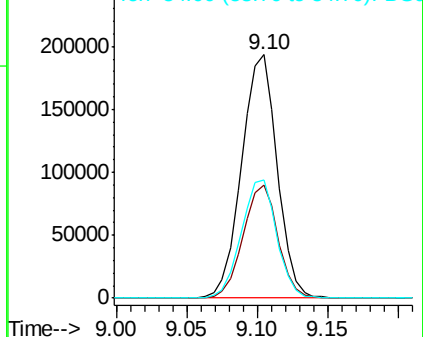


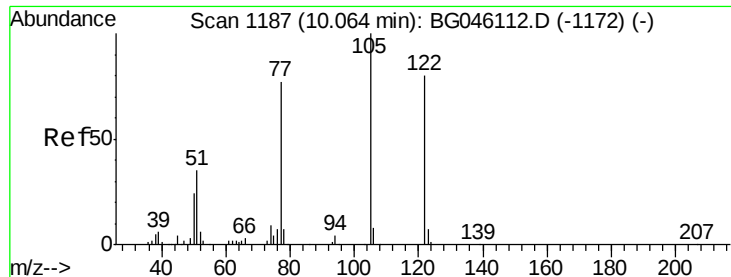
#23
Nitrobenzene-d5
Concen: 54.404 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046209.D
Acq: 10 Aug 2020 16:42

Tgt	Ion: 82	Resp:	340672
Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.4	51.6
54	48.5	40.8	61.2



Abundance Ion 82.00 (81.70 to 82.70): BG
250000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#32

Benzoic acid

Concen: 9.498 ng

RT: 10.07 min Scan# 1189

Delta R.T. 0.01 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

Instrument :

BNA_G

ClientSampleId :

ES-TOTE-COMP

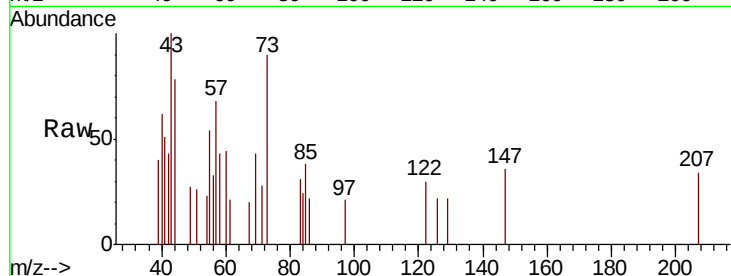
Tot Ion:122 Resp: 397

Ion Ratio Lower Upper

122 100

105 0.0 103.0 143.0#

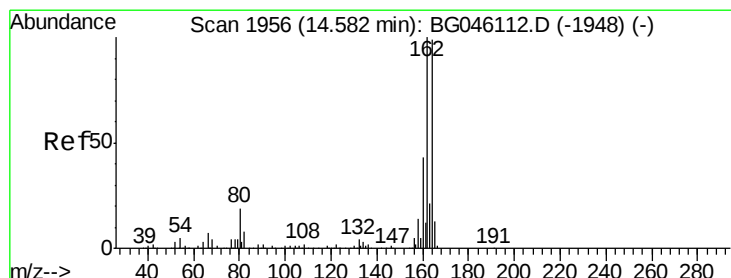
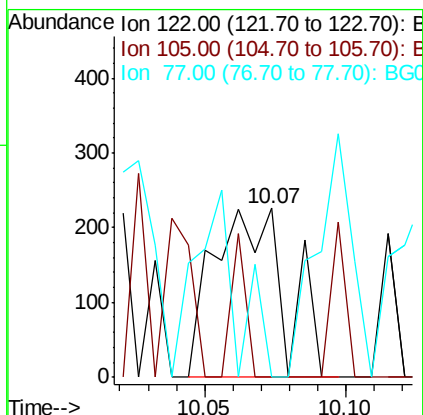
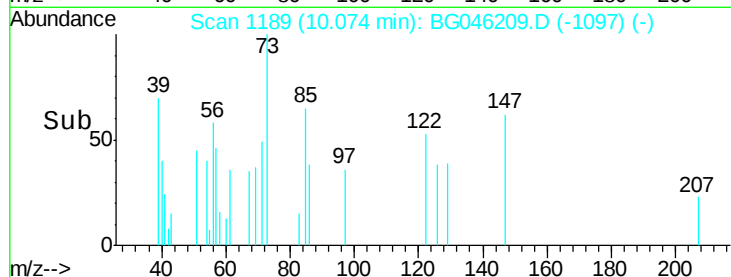
77 0.0 75.2 115.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

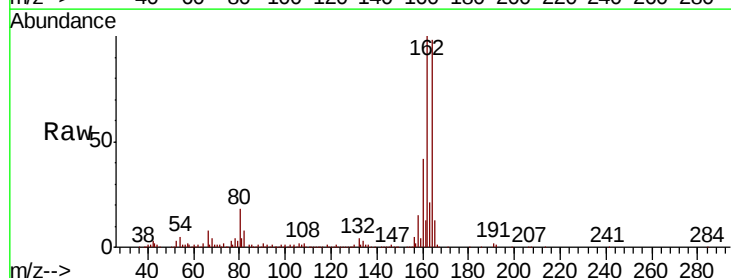
Tgt Ion:164 Resp: 220403

Ion Ratio Lower Upper

164 100

162 102.3 80.6 121.0

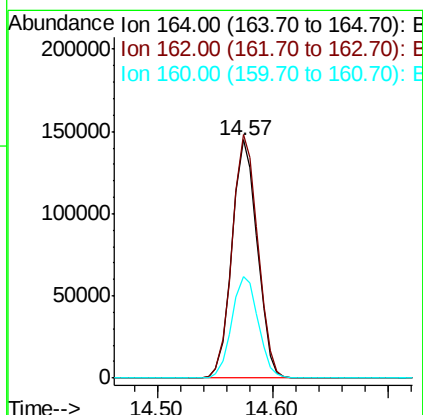
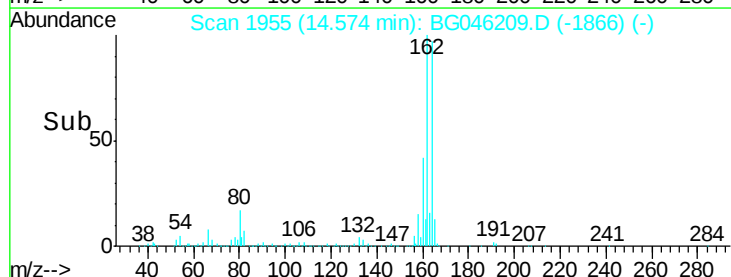
160 42.9 34.9 52.3

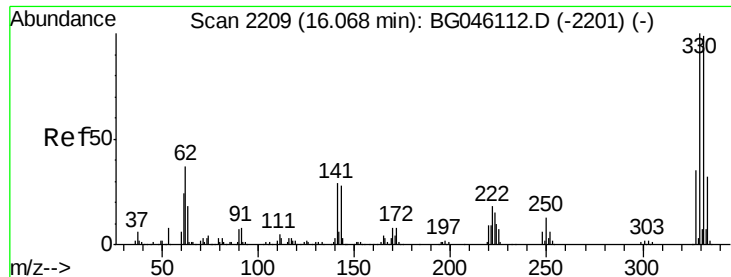


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 24.215 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

Instrument :

BNA_G

ClientSampleId :

ES-TOTE-COMP

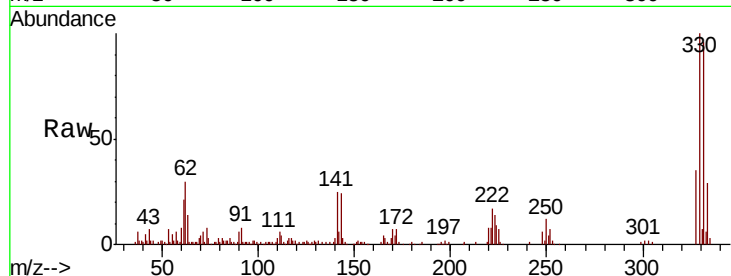
Tot Ion:330 Resp: 81976

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

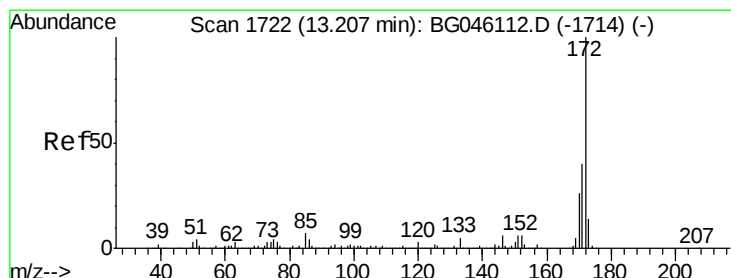
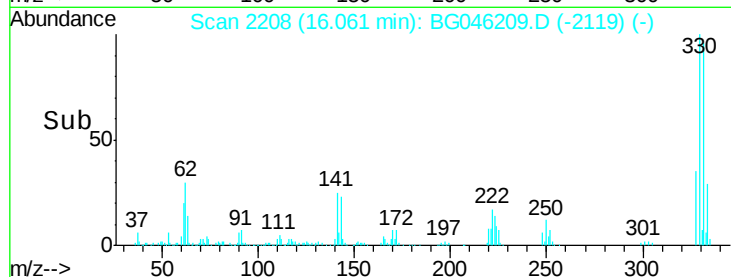
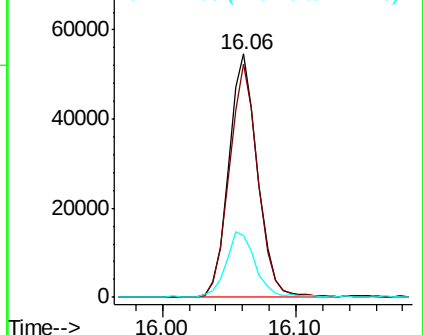
141 27.9 23.4 35.0



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: 56.847 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

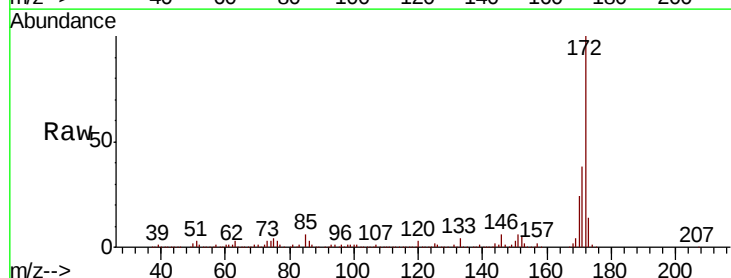
Tgt Ion:172 Resp: 862524

Ion Ratio Lower Upper

172 100

171 37.6 31.7 47.5

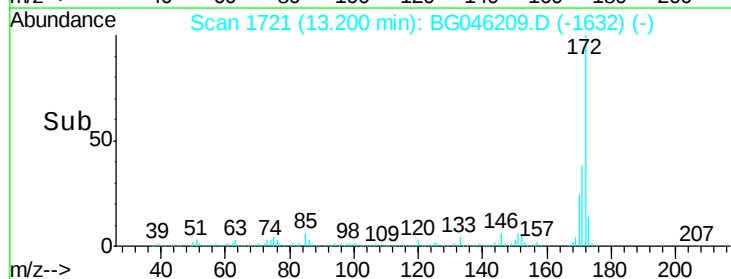
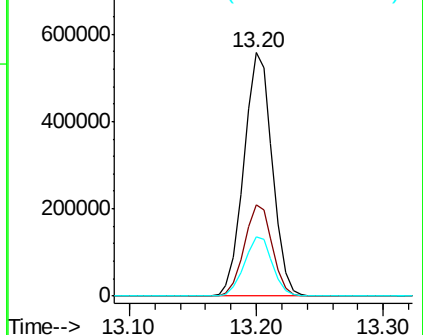
170 24.2 20.9 31.3

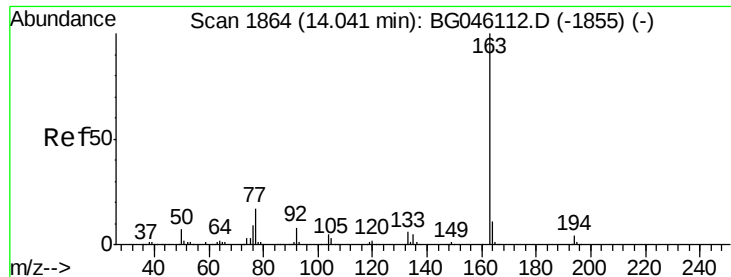


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 12.312 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

Instrument :

BNA_G

ClientSampleId :

ES-TOTE-COMP

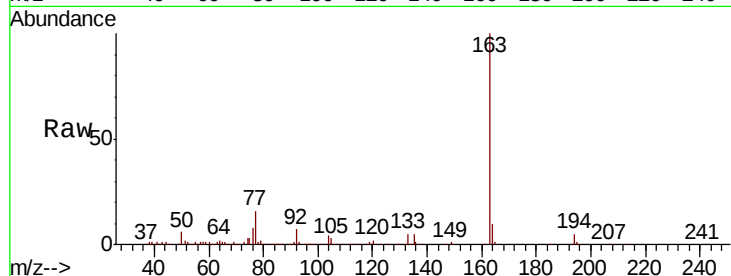
Tot Ion:163 Resp: 208273

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

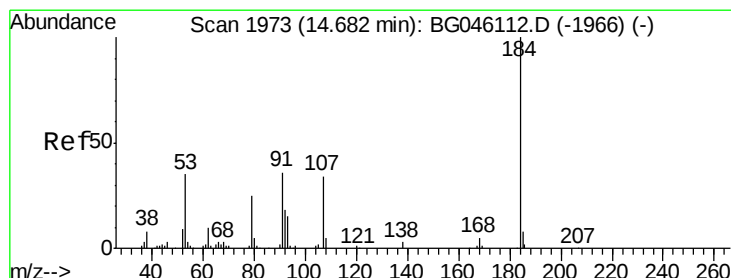
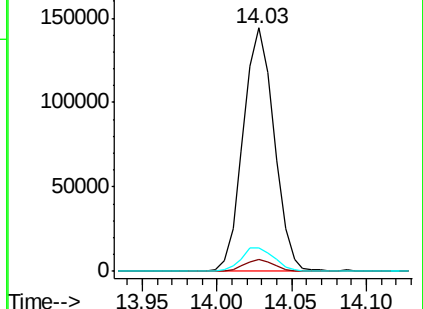
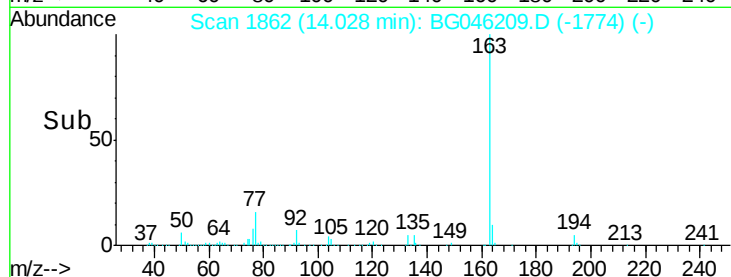
164 9.8 8.8 13.2



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: 7.112 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.05 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

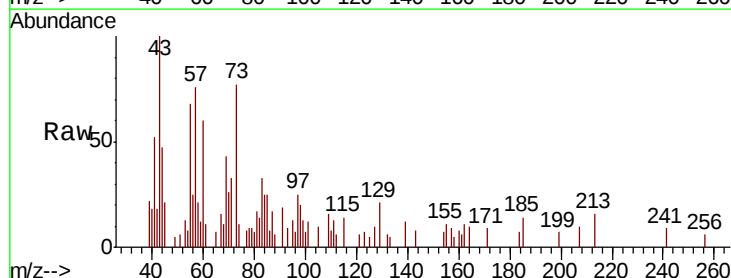
Tgt Ion:184 Resp: 125

Ion Ratio Lower Upper

184 100

63 0.0 36.7 55.1#

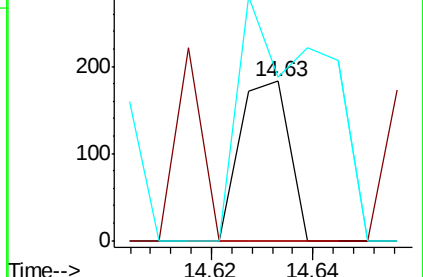
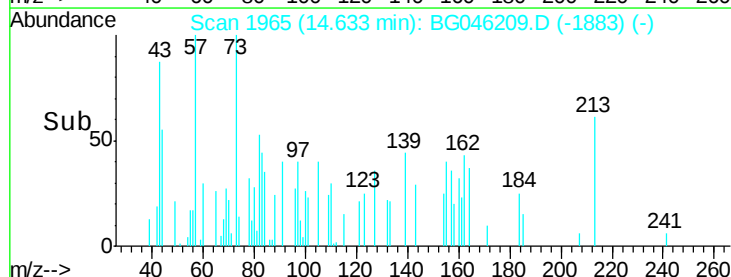
154 102.7 41.3 61.9#

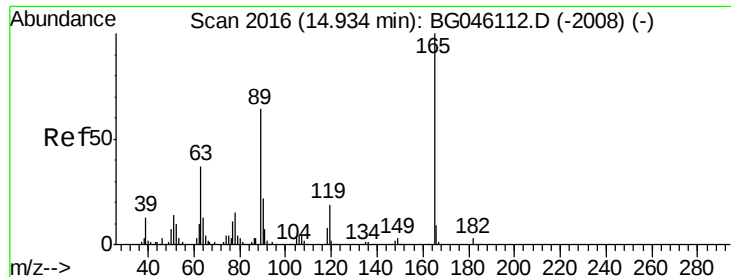


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

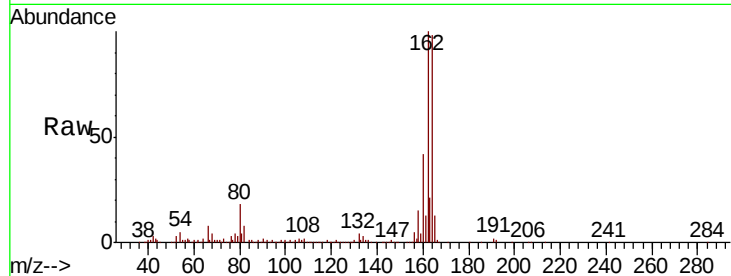




#57
 2,4-Dinitrotoluene
 Concen: 5.363 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046209.D
 Acq: 10 Aug 2020 16:42

Instrument :
 BNA_G
 ClientSampleId :
 ES-TOTE-COMP

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.7	30.1	45.1#
89	2.1	51.4	77.2#
182	0.0	2.3	3.5#

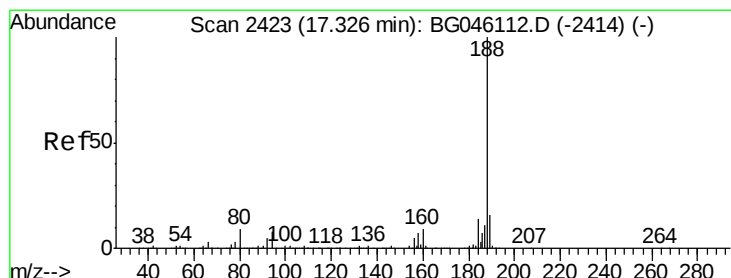
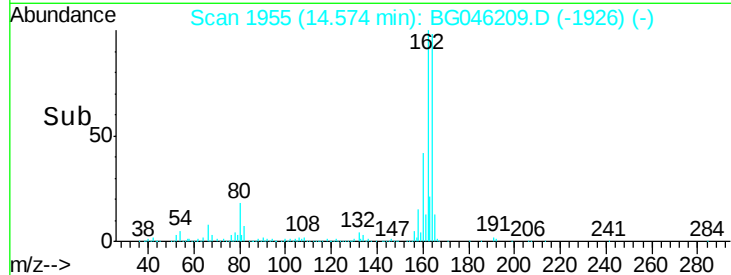
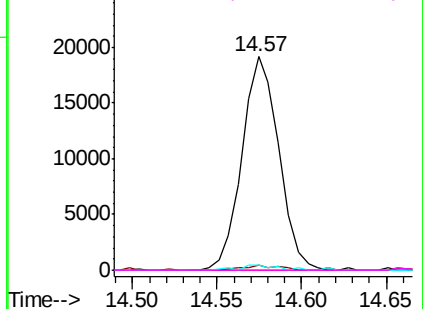


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

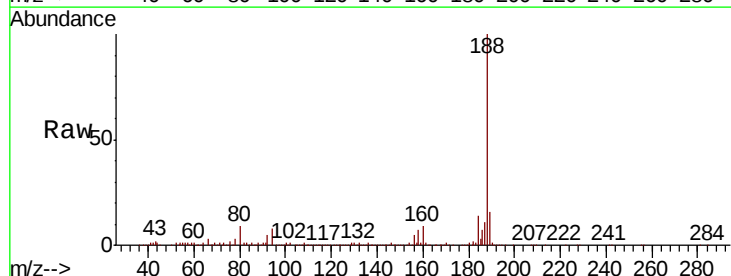
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG046209.D
 Acq: 10 Aug 2020 16:42

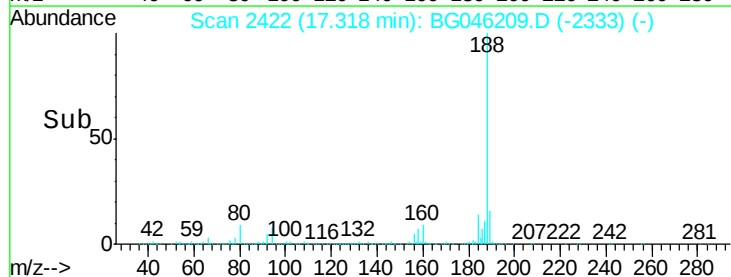
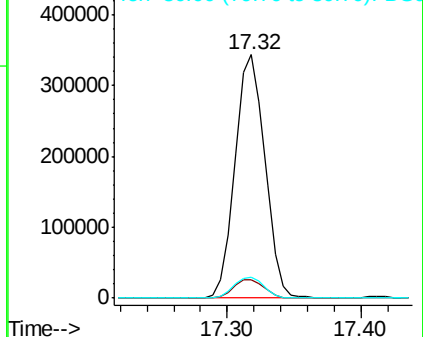
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.4	9.6
80	8.8	7.4	11.0

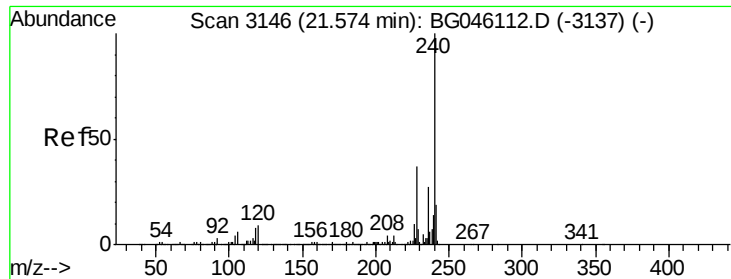


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrvsene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

Instrument :

BNA_G

ClientSampleId :

ES-TOTE-COMP

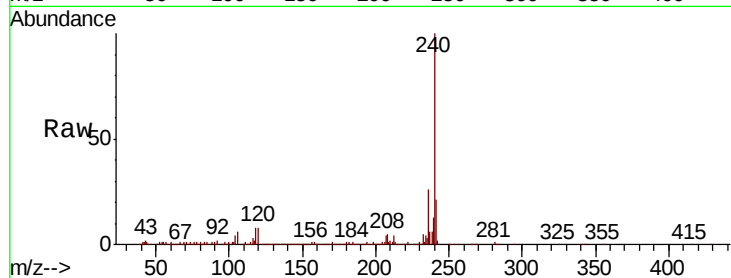
Tot Ion:240 Resp: 674074

Ion Ratio Lower Upper

240 100

120 8.5 7.1 10.7

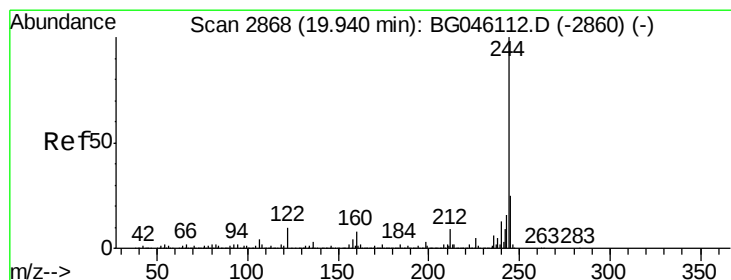
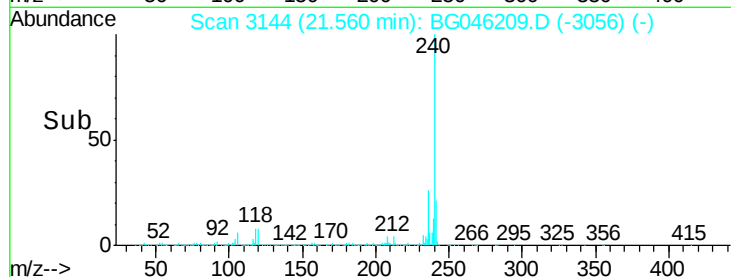
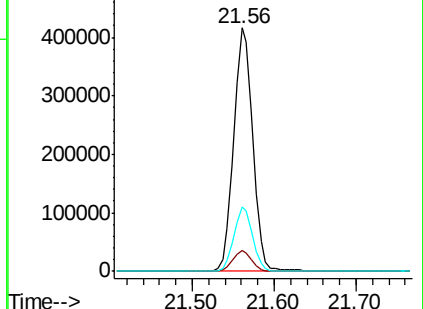
236 26.3 21.7 32.5



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: 49.760 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

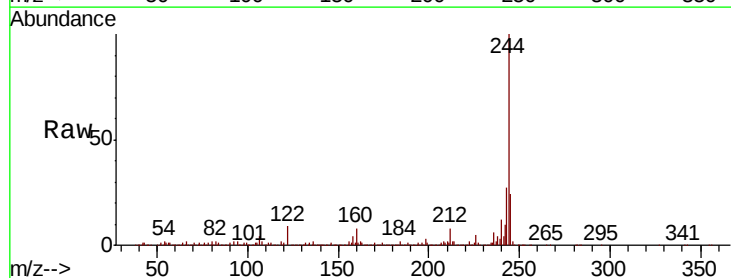
Tgt Ion:244 Resp: 1646921

Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

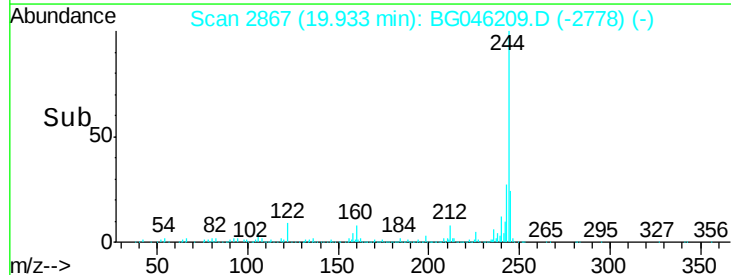
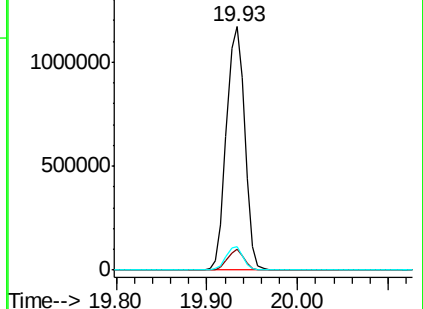
122 9.4 8.3 12.5

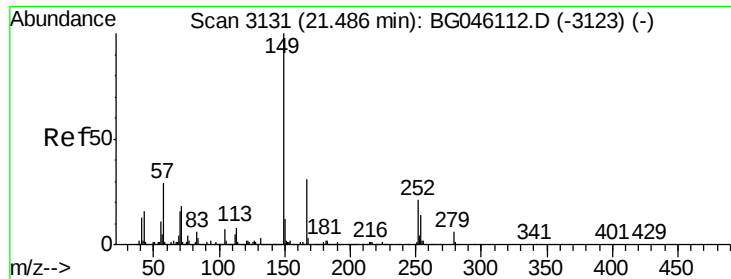


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.271 ng

RT: 21.47 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

Instrument :

BNA_G

ClientSampleId :

ES-TOTE-COMP

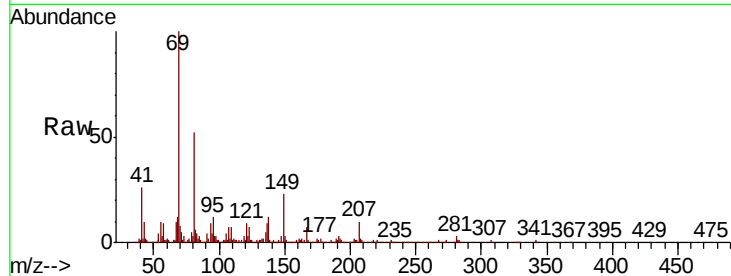
Tot Ion:149 Resp: 53269

Ion Ratio Lower Upper

149 100

167 28.2 24.8 37.2

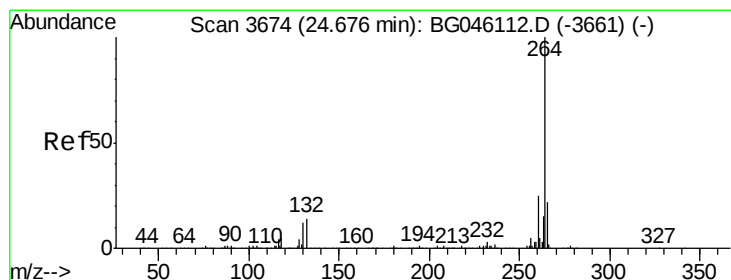
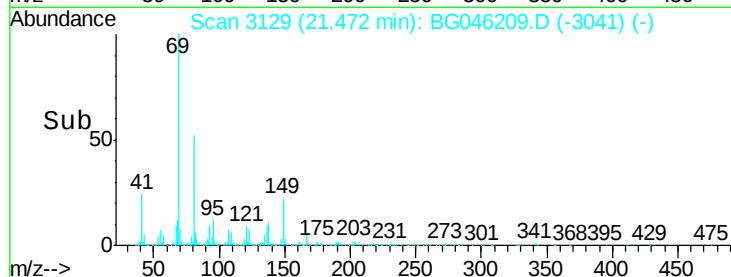
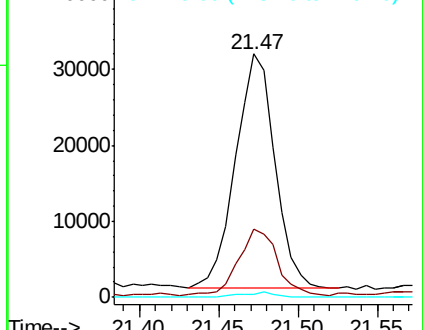
279 1.3 4.6 6.8#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

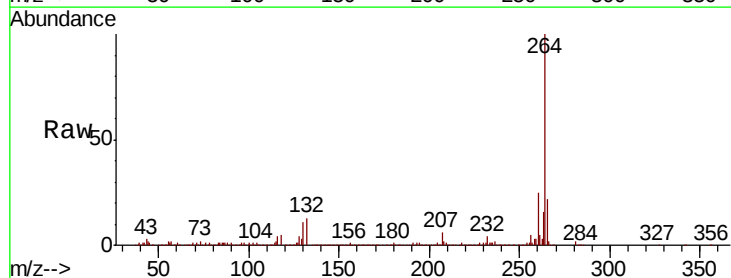
Tgt Ion:264 Resp: 728719

Ion Ratio Lower Upper

264 100

260 24.8 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

