

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081120\
 Data File : BG046216.D
 Acq On : 11 Aug 2020 14:04
 Operator : CG/JU
 Sample : L3624-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-4

Quant Time: Aug 11 15:08:25 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

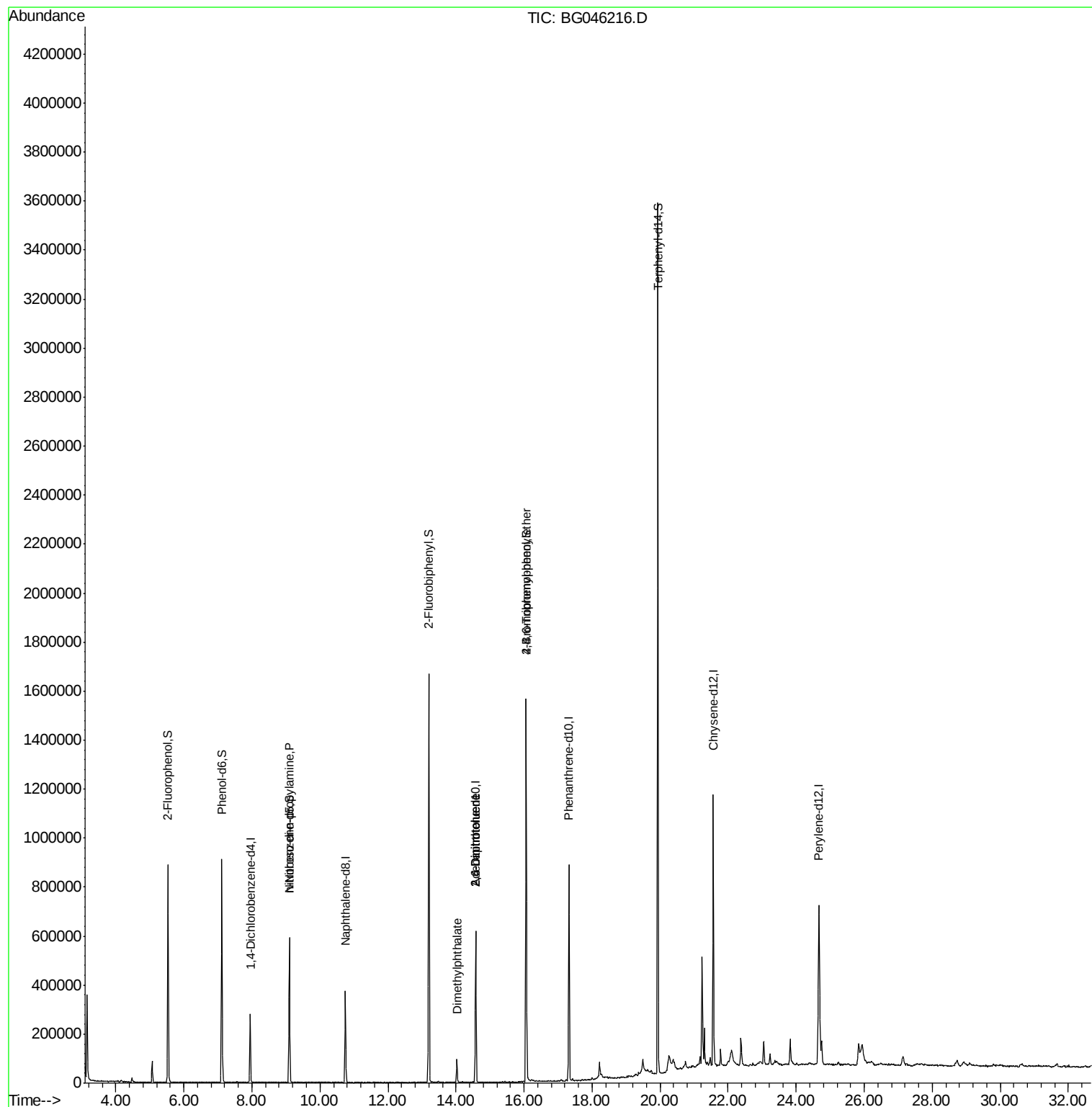
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	88100	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	335325	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	221641	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	566608	20.00	ng	0.00
76) Chrysene-d12	21.56	240	669815	20.00	ng	-0.01
86) Perylene-d12	24.67	264	714092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	424256	83.71	ng	0.00
7) Phenol-d6	7.11	99	554224	80.24	ng	0.00
23) Nitrobenzene-d5	9.10	82	369788	59.71	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	357631	105.05	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	909748	59.62	ng	0.00
79) Terphenyl-d14	19.93	244	1645873	50.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	46235	10.285	ng	Qvalue # 76
50) Dimethylphthalate	14.03	163	72547	4.265	ng	# 96
51) 2,6-Dinitrotoluene	14.58	165	29910	7.555	ng	# 28
57) 2,4-Dinitrotoluene	14.58	165	29910	5.495	ng	# 28
67) 4-Bromophenyl-phenylether	16.06	248	22671	3.239	ng	# 1

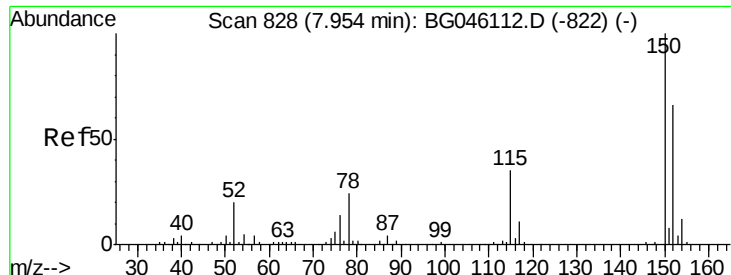
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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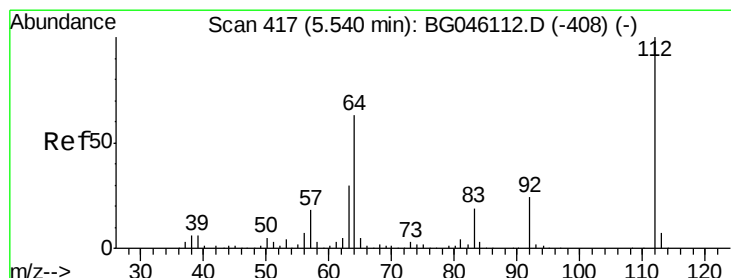
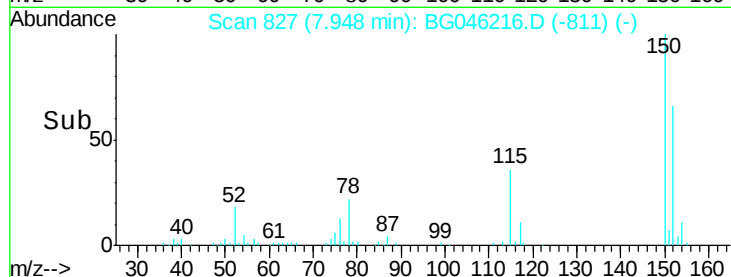
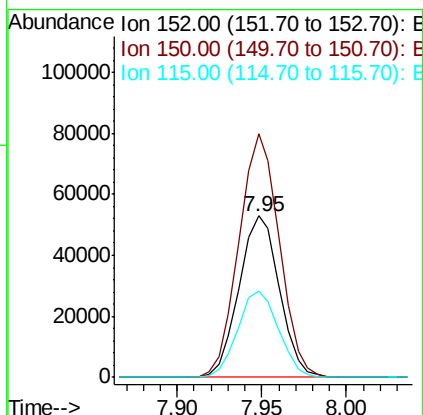
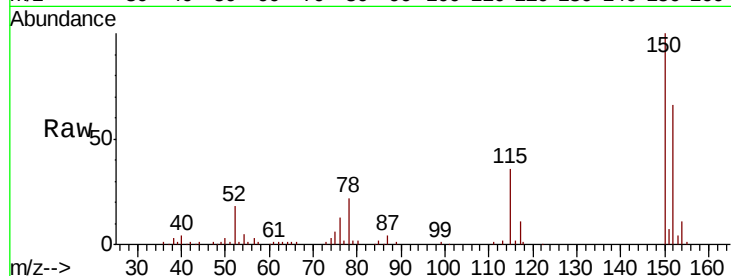


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG046216.D
Acq: 11 Aug 2020 14:04

Instrument :
BNA_G
ClientSampleId :
SS-TP-4

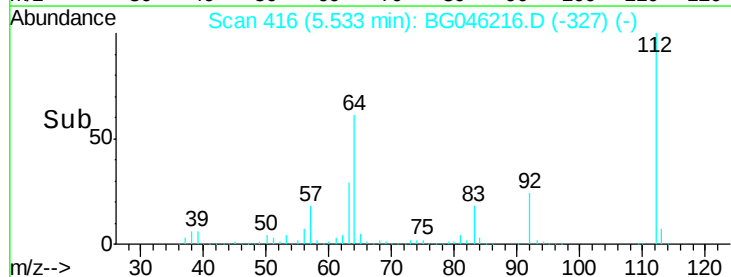
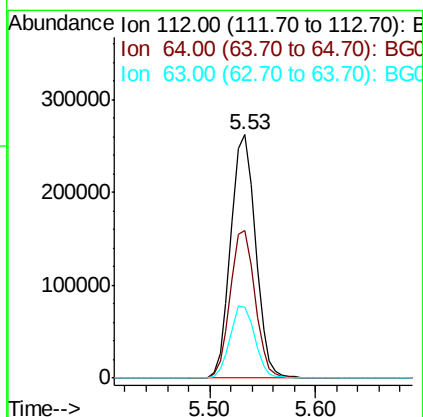
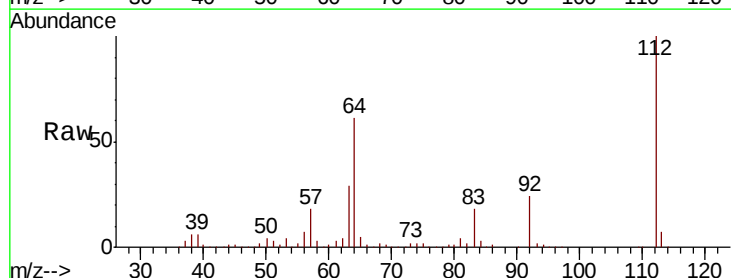
Tot Ion:152 Resp: 88100
Ion Ratio Lower Upper
152 100
150 151.0 122.1 183.1
115 53.7 43.2 64.8

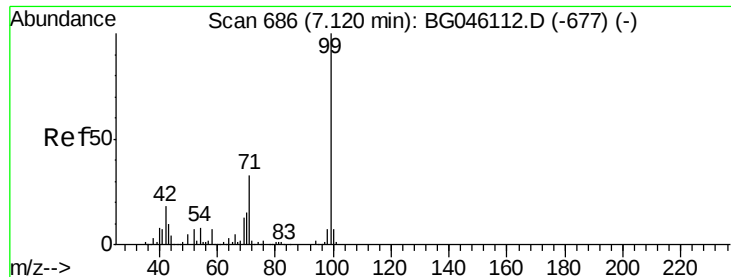


#5

2-Fluorophenol
Concen: 83.713 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG046216.D
Acq: 11 Aug 2020 14:04

Tgt Ion:112 Resp: 424256
Ion Ratio Lower Upper
112 100
64 60.6 50.2 75.2
63 29.3 24.2 36.4





#7

Phenol-d6

Concen: 80.241 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG046216.D

Acq: 11 Aug 2020 14:04

Instrument :

BNA_G

ClientSampleId :

SS-TP-4

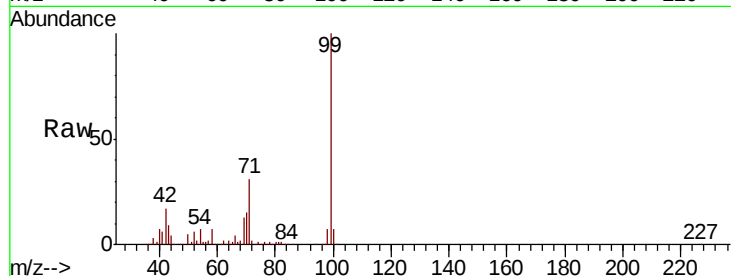
Tot Ion: 99 Resp: 554224

Ion Ratio Lower Upper

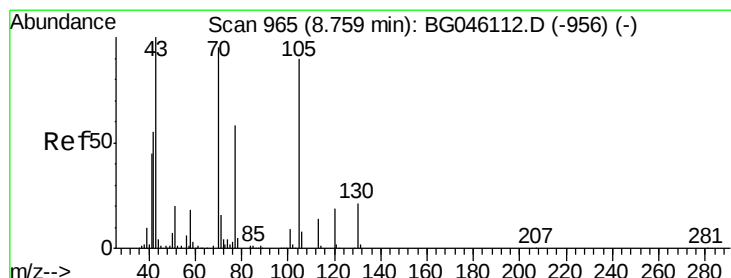
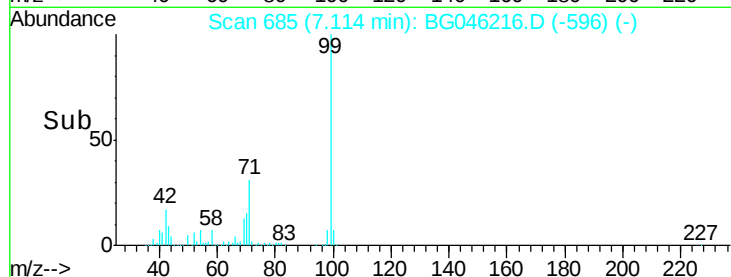
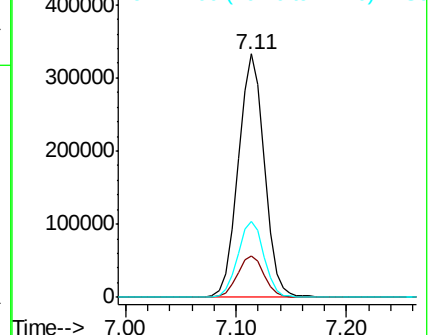
99 100

42 16.9 14.7 22.1

71 31.2 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: 10.285 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.34 min

Lab File: BG046216.D

Acq: 11 Aug 2020 14:04

Tgt Ion: 70 Resp: 46235

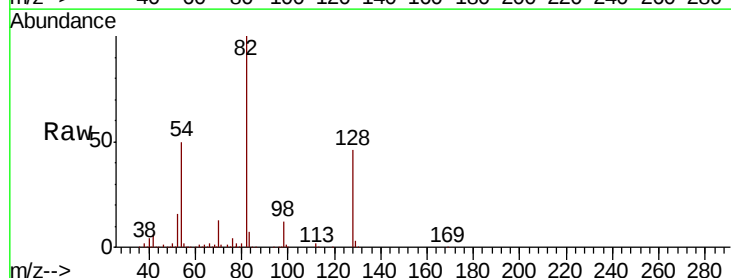
Ion Ratio Lower Upper

70 100

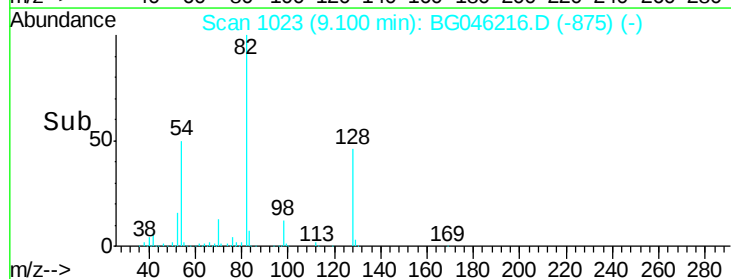
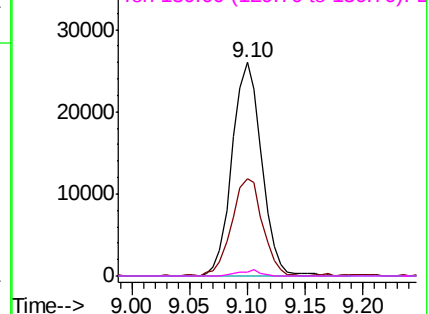
42 45.3 46.5 69.7#

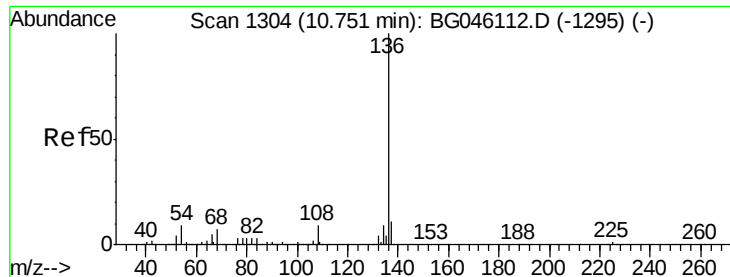
101 0.0 7.6 11.4#

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

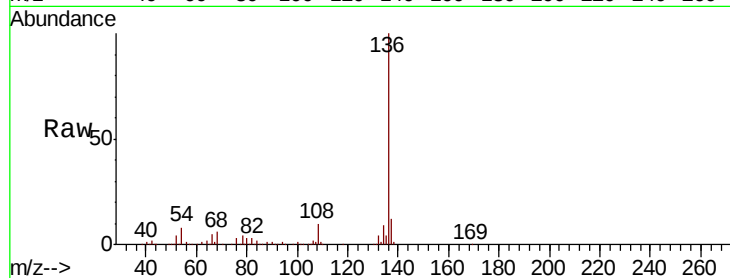




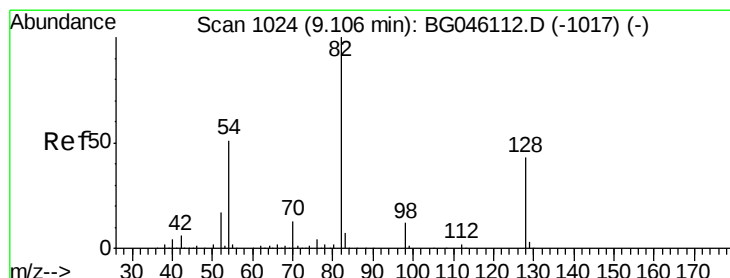
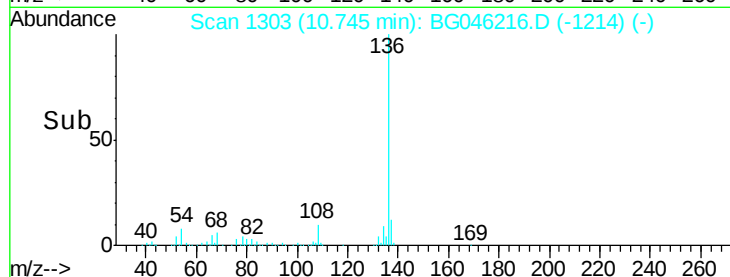
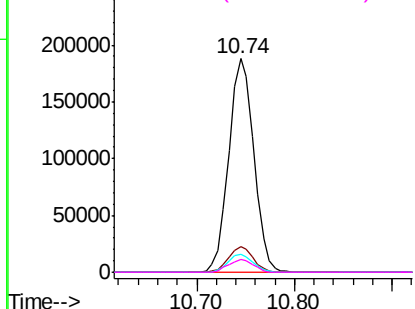
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046216.D
Acq: 11 Aug 2020 14:04

Instrument :
BNA_G
ClientSampleId :
SS-TP-4

Tot Ion:136	Resp:	335325
Ion Ratio	Lower	Upper
136 100		
137 12.2	8.8	13.2
54 8.5	7.0	10.4
68 6.0	5.3	7.9

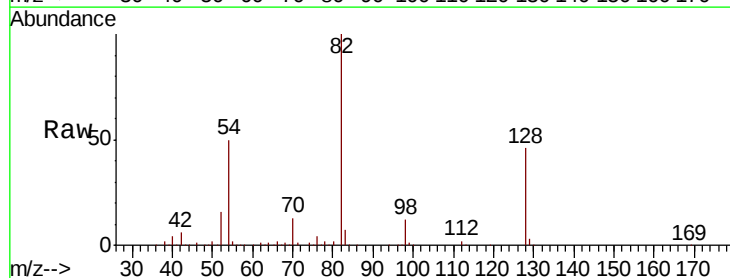


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

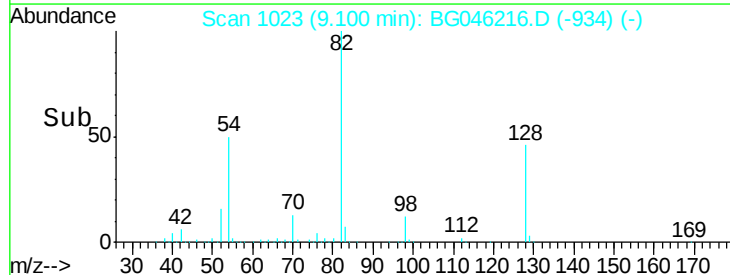
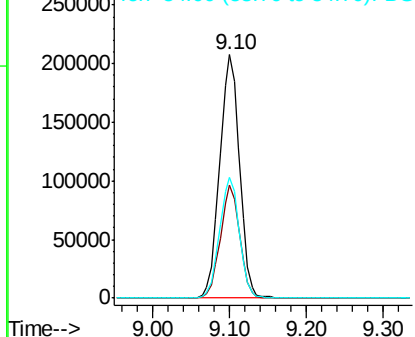


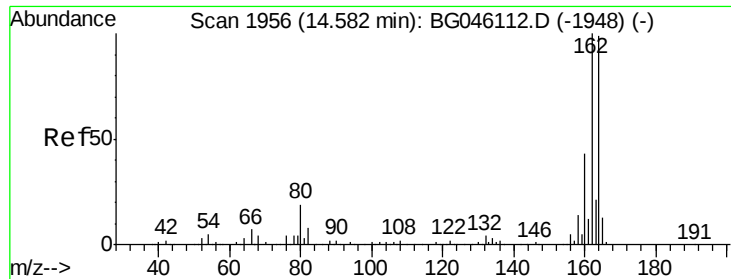
#23
Nitrobenzene-d5
Concen: 59.707 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG046216.D
Acq: 11 Aug 2020 14:04

Tgt Ion: 82	Resp: 369788
Ion Ratio	Lower Upper
82 100	
128 46.5	34.4 51.6
54 49.6	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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046216.D

Acq: 11 Aug 2020 14:04

Instrument :

BNA_G

ClientSampleId :

SS-TP-4

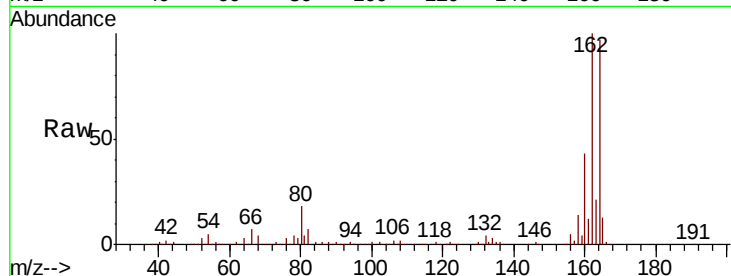
Tot Ion:164 Resp: 221641

Ion Ratio Lower Upper

164 100

162 103.1 80.6 121.0

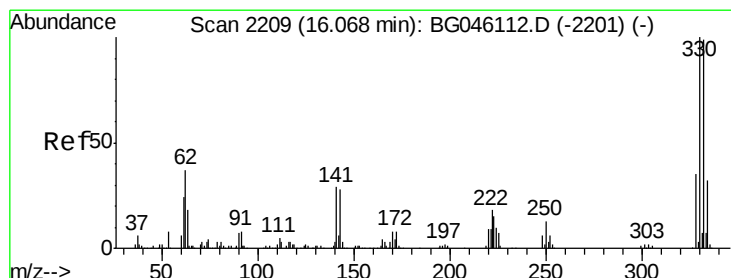
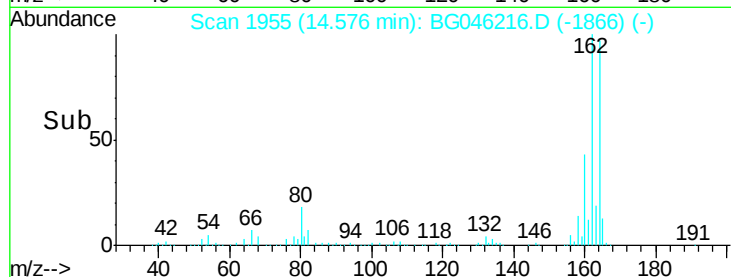
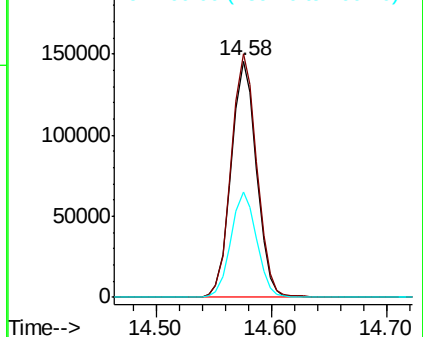
160 44.6 34.9 52.3



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: 105.051 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046216.D

Acq: 11 Aug 2020 14:04

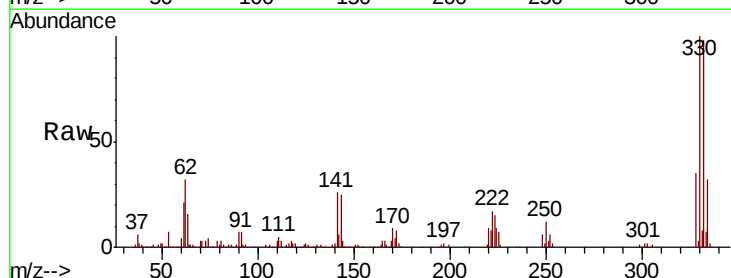
Tgt Ion:330 Resp: 357631

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

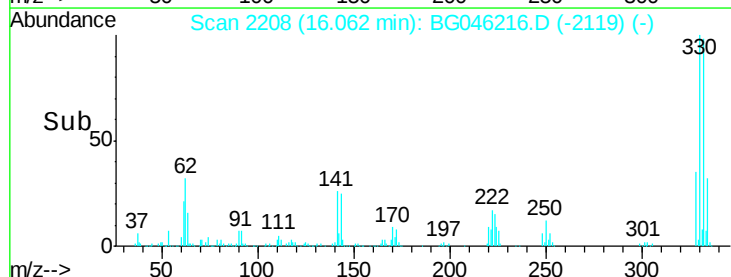
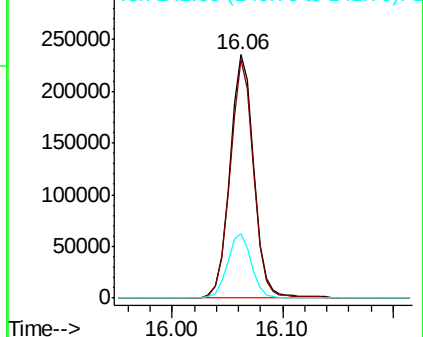
141 26.6 23.4 35.0

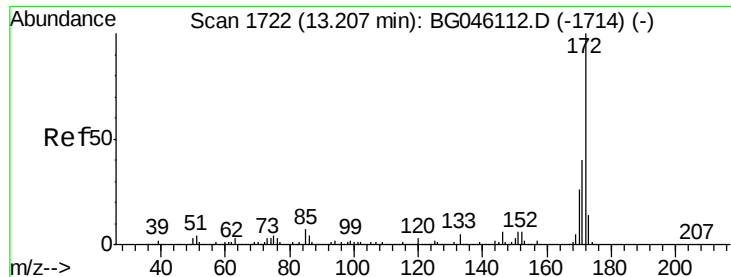


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

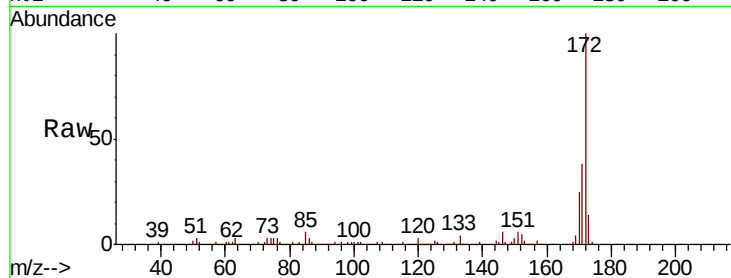




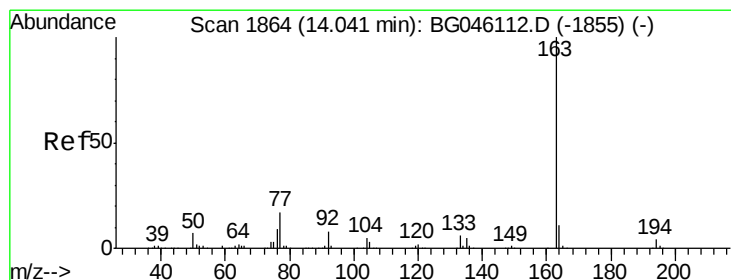
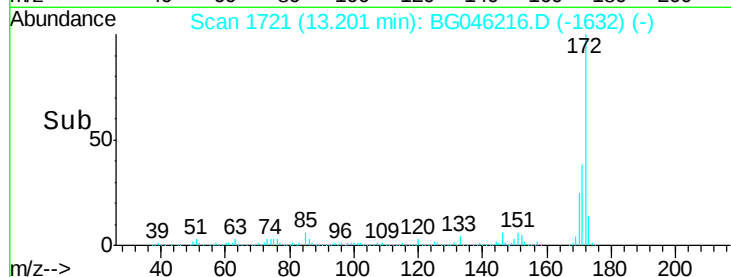
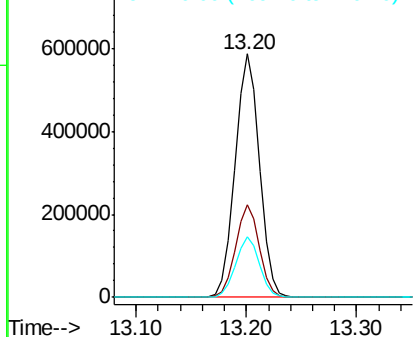
#45
 2-Fluorobiphenyl
 Concen: 59.625 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG046216.D
 Acq: 11 Aug 2020 14:04

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-4

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.7	47.5
170	24.8	20.9	31.3

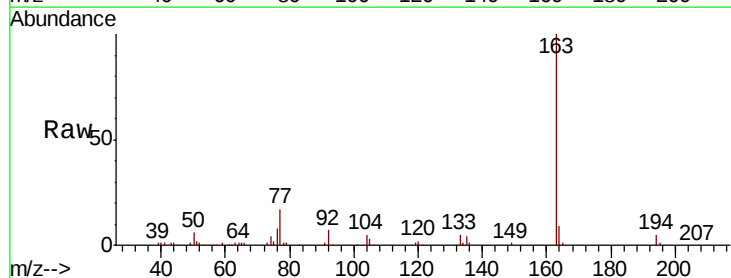


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

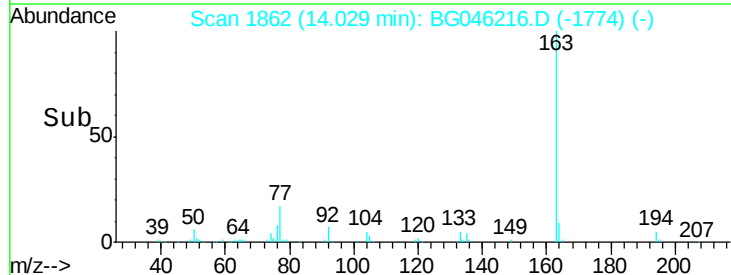
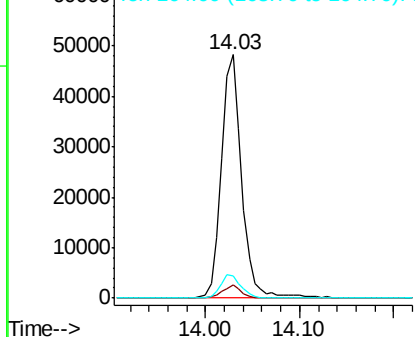


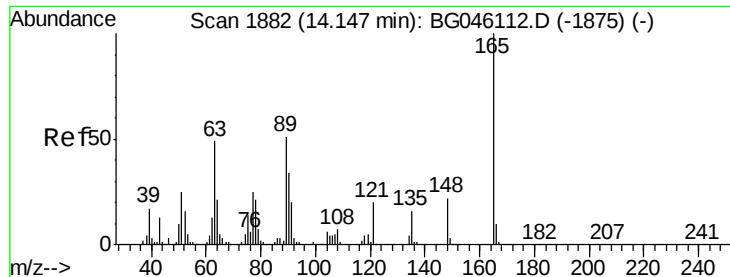
#50
 Dimethylphthalate
 Concen: 4.265 ng
 RT: 14.03 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: BG046216.D
 Acq: 11 Aug 2020 14:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.5	5.3
164	9.3	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





#51

2,6-Dinitrotoluene

Concen: 7.555 ng

RT: 14.58 min Scan# 1955

Delta R.T. 0.43 min

Lab File: BG046216.D

Acq: 11 Aug 2020 14:04

Instrument :

BNA_G

ClientSampled :

SS-TP-4

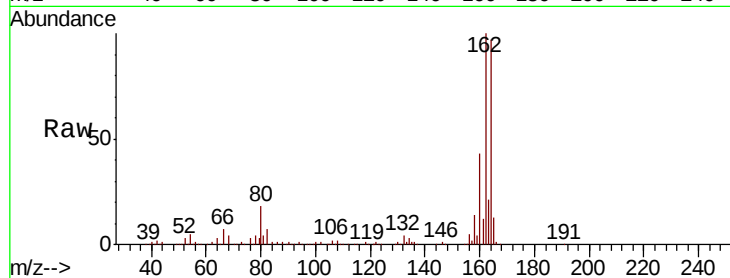
Tot Ion:165 Resp: 29910

Ion Ratio Lower Upper

165 100

63 0.0 39.7 59.5#

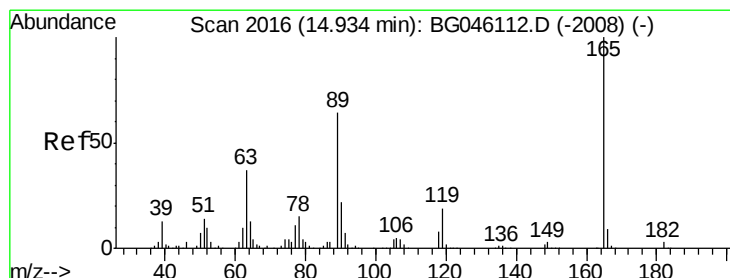
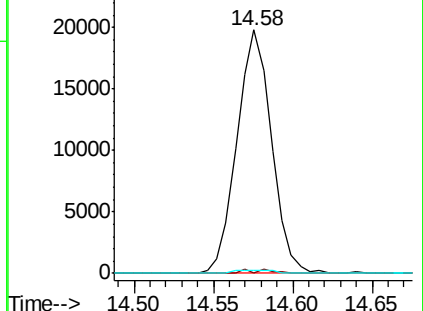
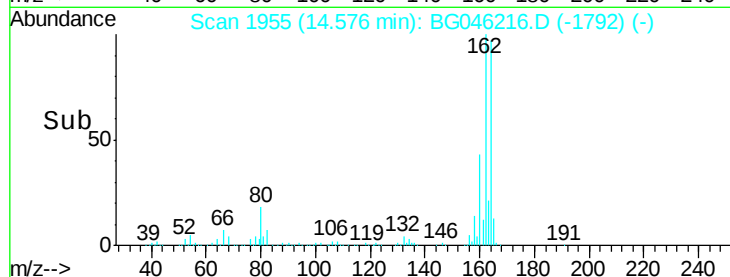
89 1.2 41.0 61.6#



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: 5.495 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.36 min

Lab File: BG046216.D

Acq: 11 Aug 2020 14:04

Tgt Ion:165 Resp: 29910

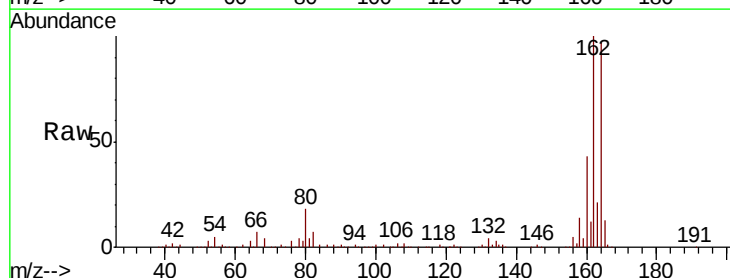
Ion Ratio Lower Upper

165 100

63 0.0 30.1 45.1#

89 1.2 51.4 77.2#

182 0.0 2.3 3.5#

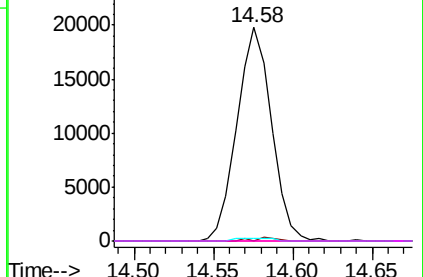
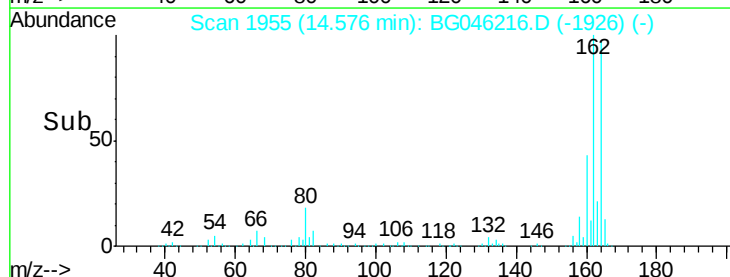


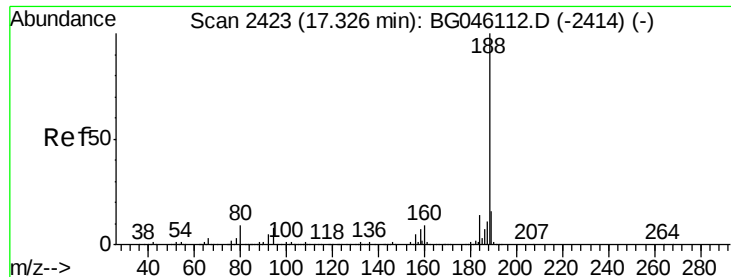
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG046216.D

Acq: 11 Aug 2020 14:04

Instrument :

BNA_G

ClientSampleId :

SS-TP-4

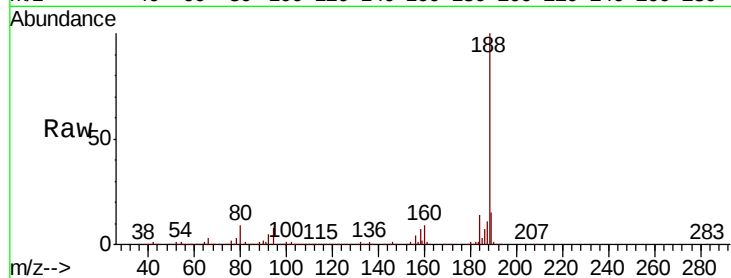
Tot Ion:188 Resp: 566608

Ion Ratio Lower Upper

188 100

94 7.5 6.4 9.6

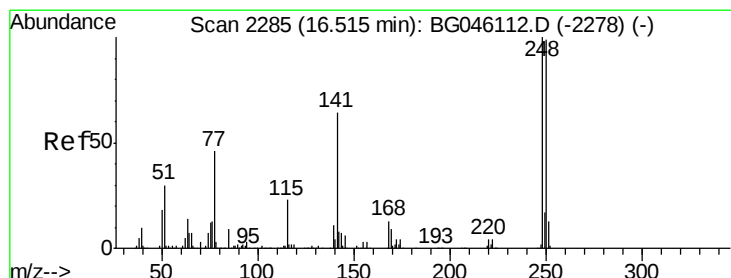
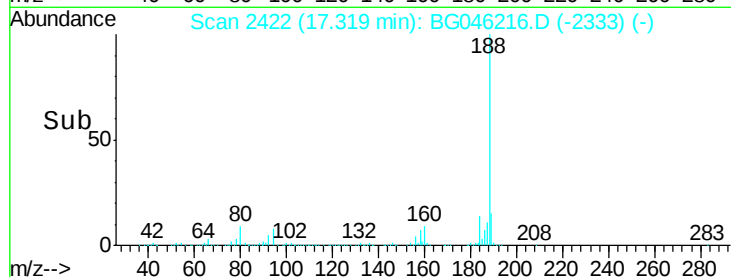
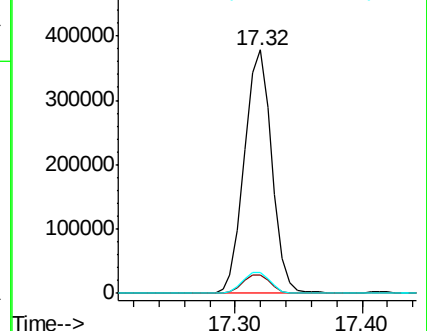
80 8.6 7.4 11.0



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



#67

4-Bromophenyl-phenylether

Concen: 3.239 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BG046216.D

Acq: 11 Aug 2020 14:04

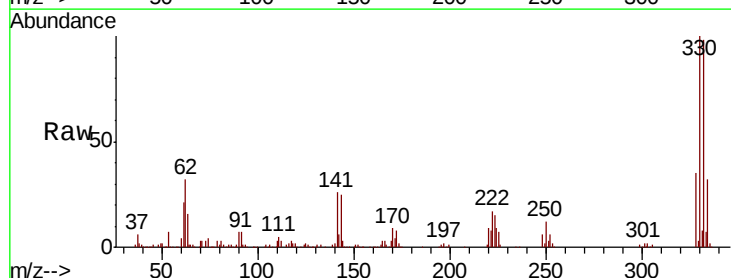
Tgt Ion:248 Resp: 22671

Ion Ratio Lower Upper

248 100

250 200.3 79.4 119.0#

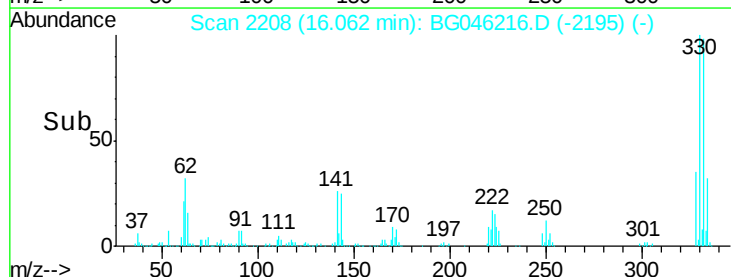
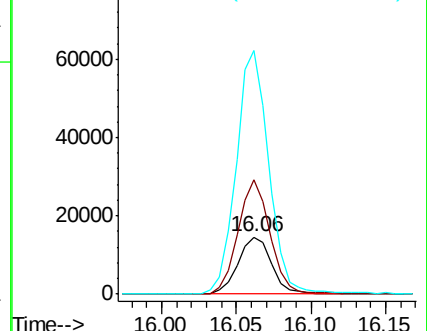
141 426.0 50.9 76.3#

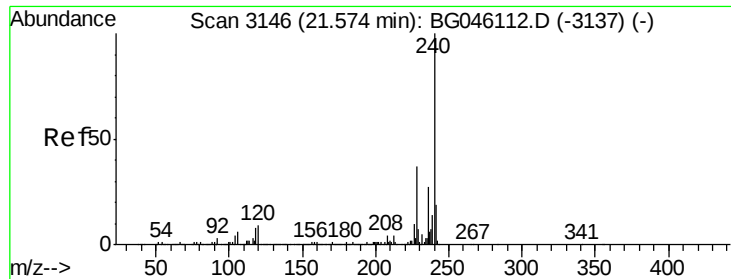


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

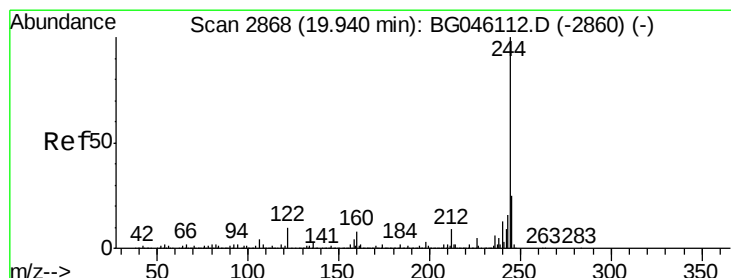
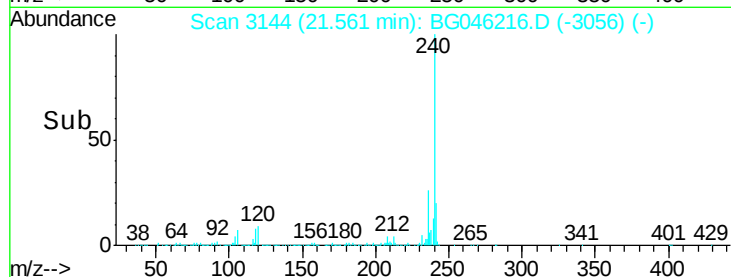
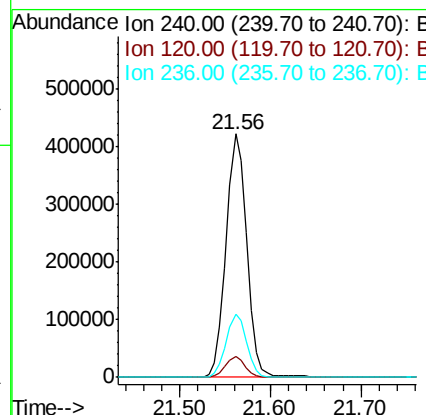
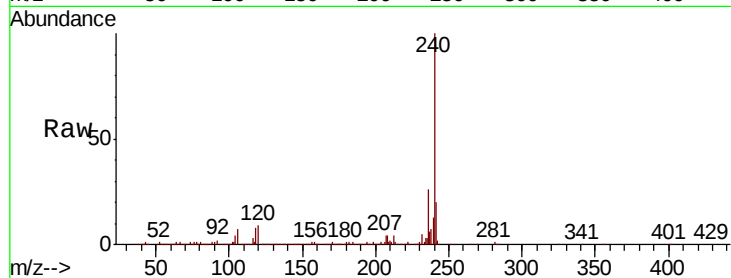




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG046216.D
 Acq: 11 Aug 2020 14:04

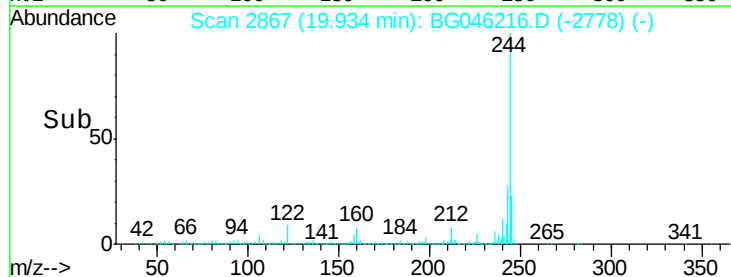
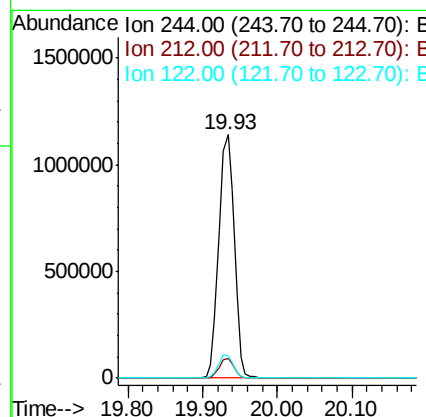
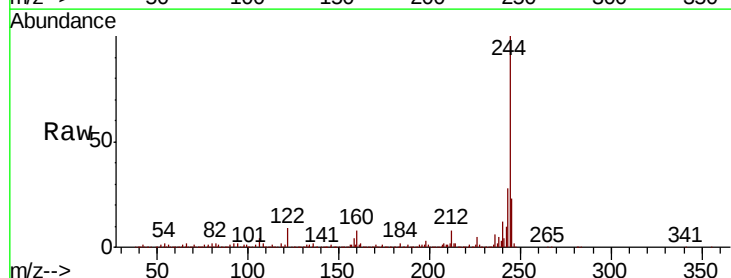
Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-4

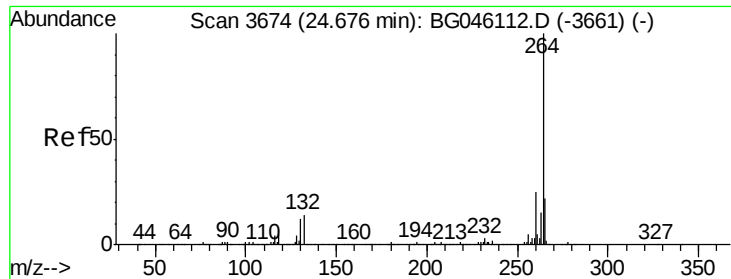
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.1	10.7
236	25.7	21.7	32.5



#79
 Terphenyl-d14
 Concen: 50.044 ng
 RT: 19.93 min Scan# 2867
 Delta R.T. -0.01 min
 Lab File: BG046216.D
 Acq: 11 Aug 2020 14:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.2	10.8
122	9.3	8.3	12.5

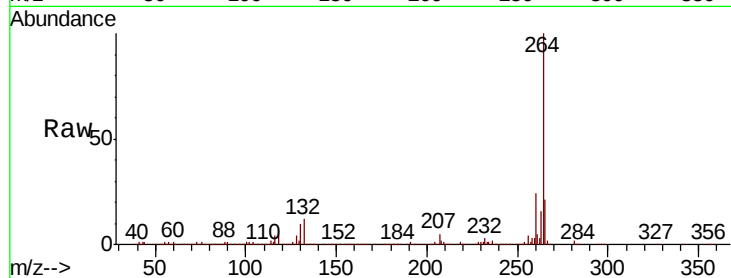




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.67 min Scan# 3673
 Delta R.T. -0.01 min
 Lab File: BG046216.D
 Acq: 11 Aug 2020 14:04

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	21.2	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

