

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081120\
 Data File : BG046217.D
 Acq On : 11 Aug 2020 14:44
 Operator : CG/JU
 Sample : L3623-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Quant Time: Aug 11 16:49:19 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

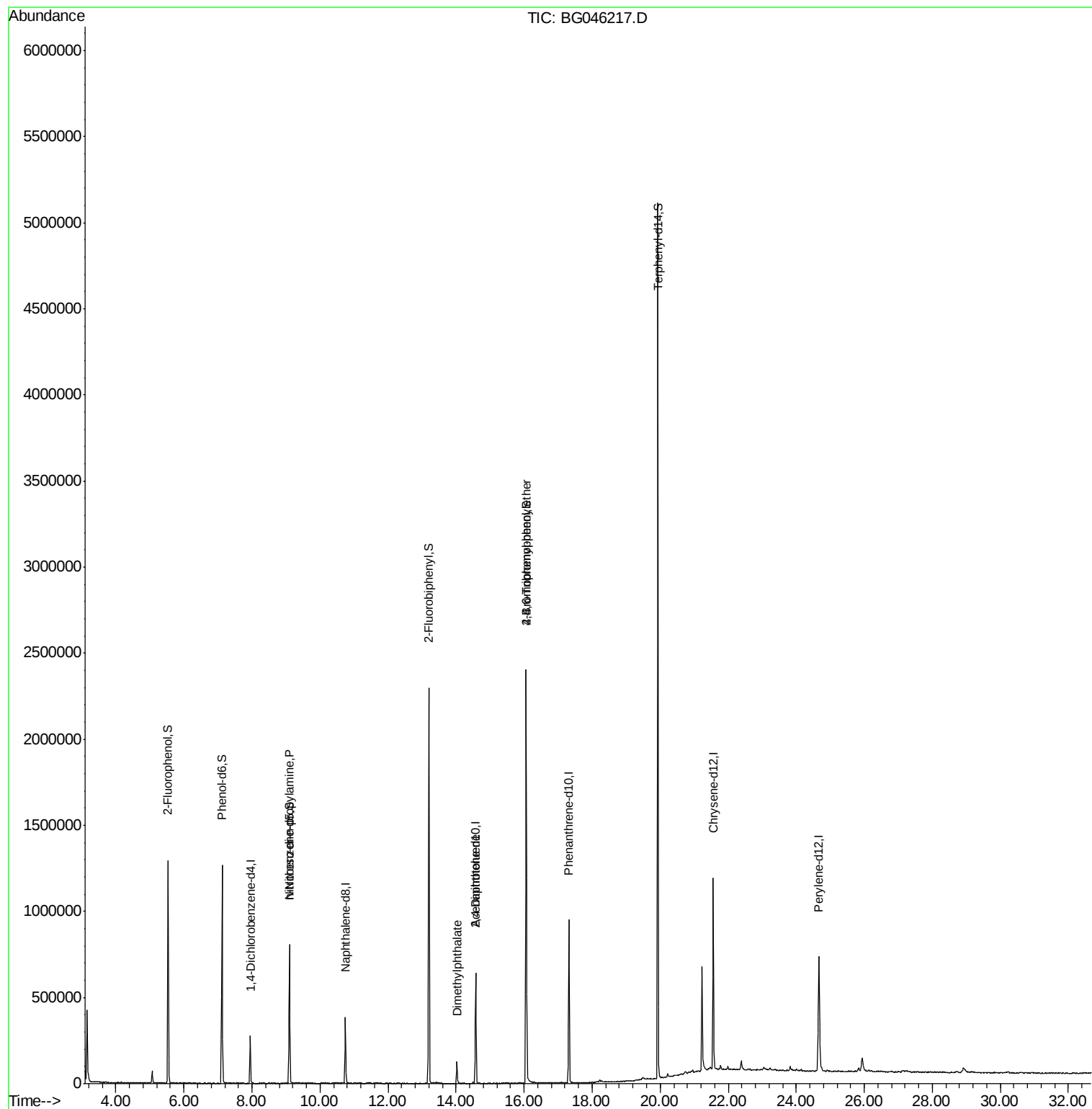
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	86532	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	337262	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	237167	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	616934	20.00	ng	0.00
76) Chrysene-d12	21.56	240	679434	20.00	ng	-0.01
86) Perylene-d12	24.67	264	711373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	583435	117.21	ng	0.00
7) Phenol-d6	7.12	99	777279	114.57	ng	0.00
23) Nitrobenzene-d5	9.10	82	508812	81.68	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	546409	150.00	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1244388	76.22	ng	0.00
79) Terphenyl-d14	19.93	244	2185140	65.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	67600	15.311	ng	Qvalue # 73
50) Dimethylphthalate	14.03	163	98248	5.397	ng	97
57) 2,4-Dinitrotoluene	14.57	165	31095	5.338	ng	# 28
67) 4-Bromophenyl-phenylether	16.06	248	34037	4.466	ng	# 1

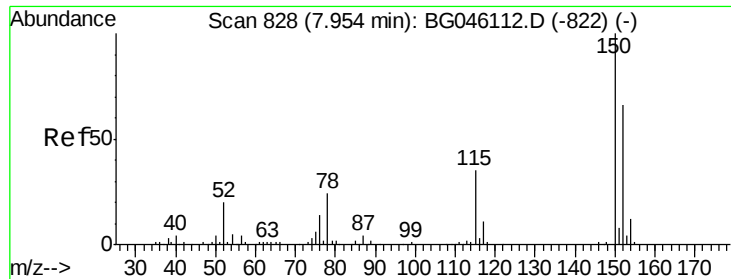
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 30 18:43:49 2020
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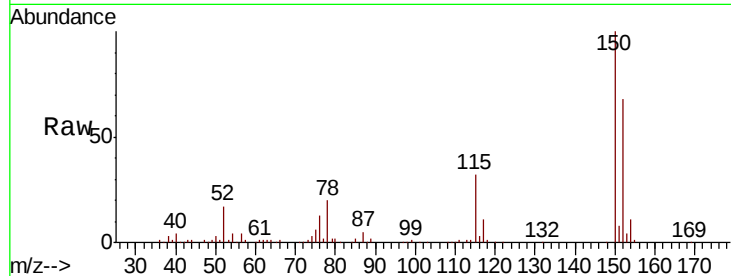


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046217.D
Acq: 11 Aug 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SB-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	122.1	183.1
115	47.4	43.2	64.8

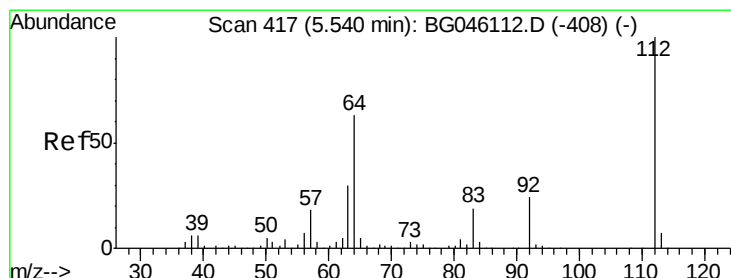
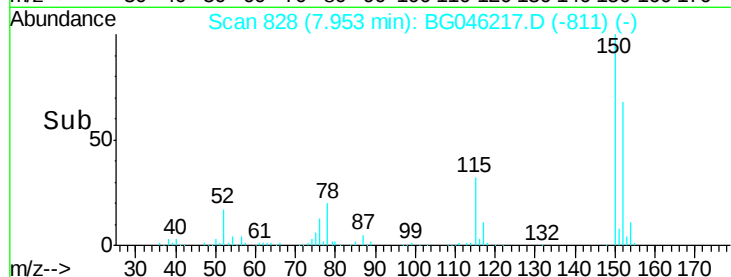
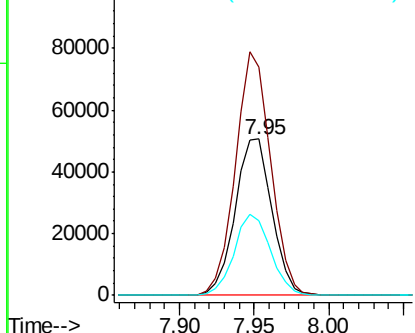


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

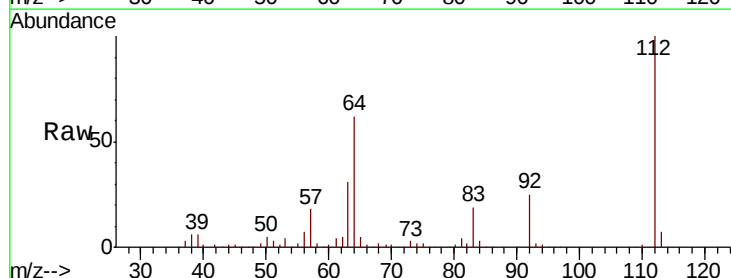
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 117.208 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG046217.D
Acq: 11 Aug 2020 14:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	50.2	75.2
63	30.6	24.2	36.4

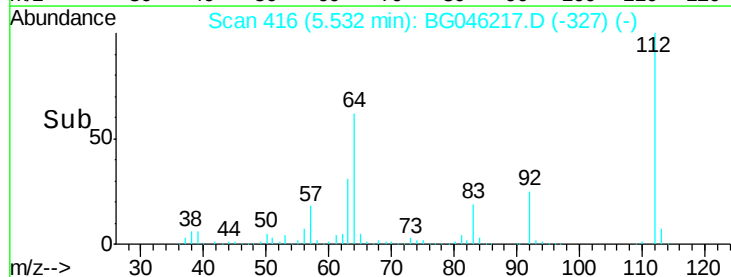
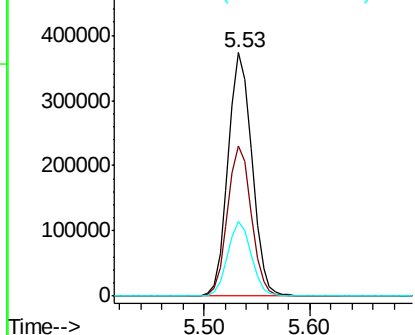


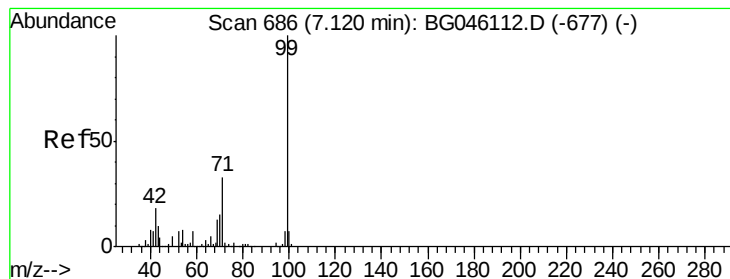
Abundance

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: 114.575 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046217.D

Acq: 11 Aug 2020 14:44

Instrument :

BNA_G

ClientSampleId :

SB-2

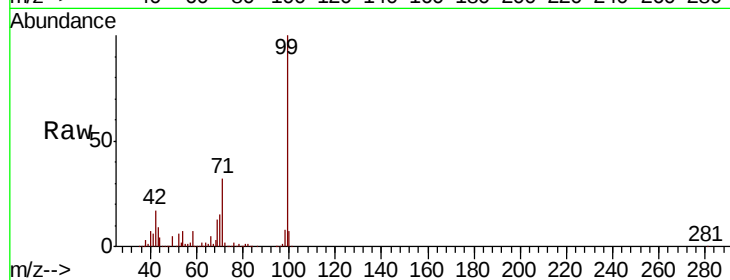
Tot Ion: 99 Resp: 777279

Ion Ratio Lower Upper

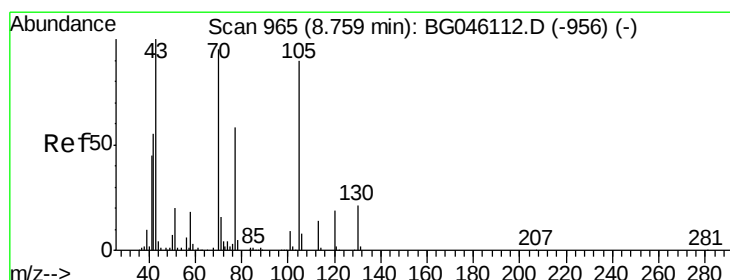
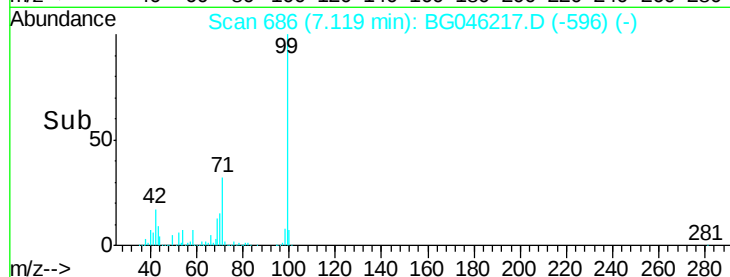
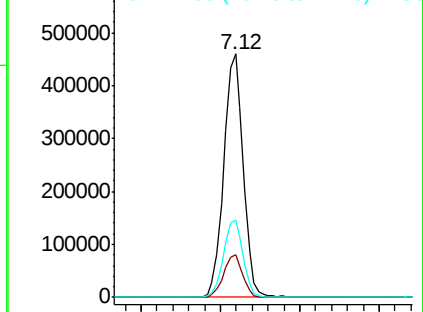
99 100

42 17.3 14.7 22.1

71 31.6 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: 15.311 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.34 min

Lab File: BG046217.D

Acq: 11 Aug 2020 14:44

Tgt Ion: 70 Resp: 67600

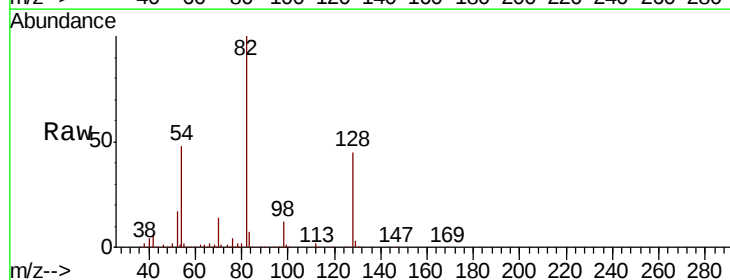
Ion Ratio Lower Upper

70 100

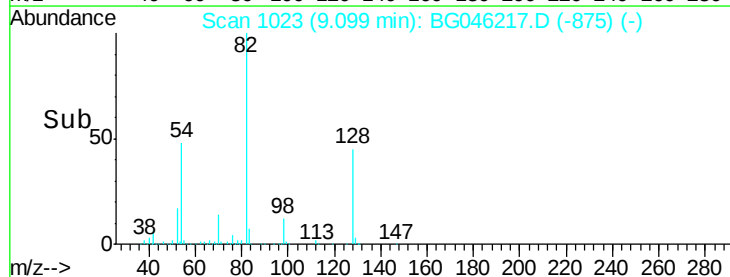
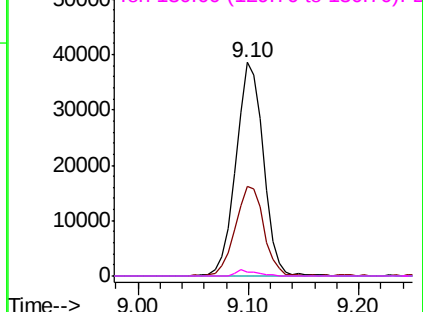
42 41.7 46.5 69.7#

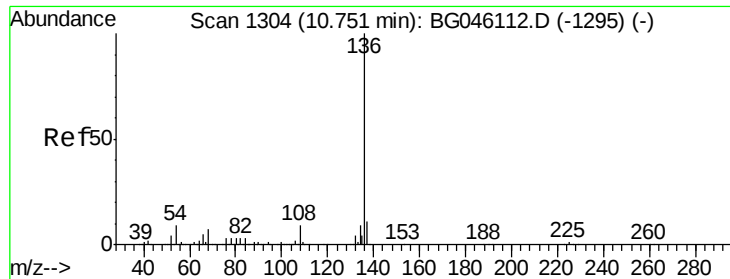
101 0.0 7.6 11.4#

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

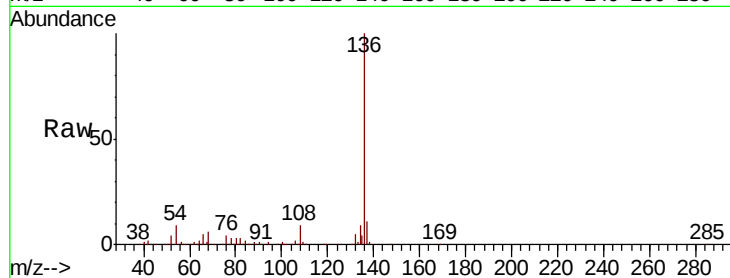




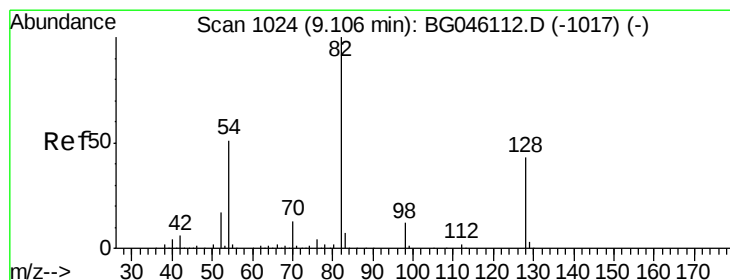
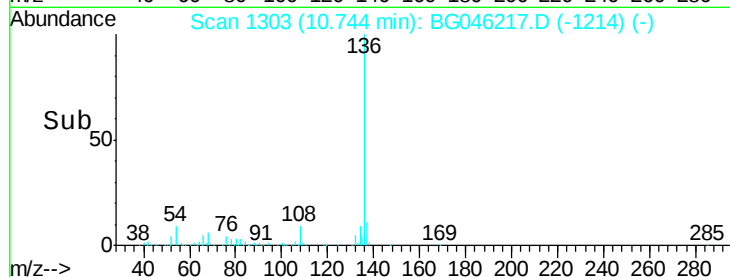
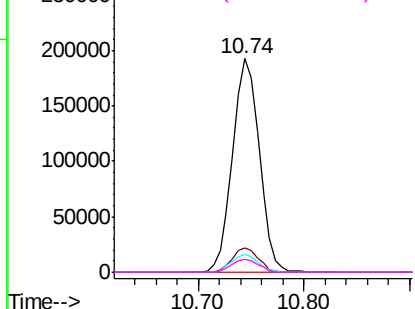
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046217.D
Acq: 11 Aug 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SB-2

Tot Ion:136	Resp:	337262
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.8	13.2
54 8.7	7.0	10.4
68 6.0	5.3	7.9

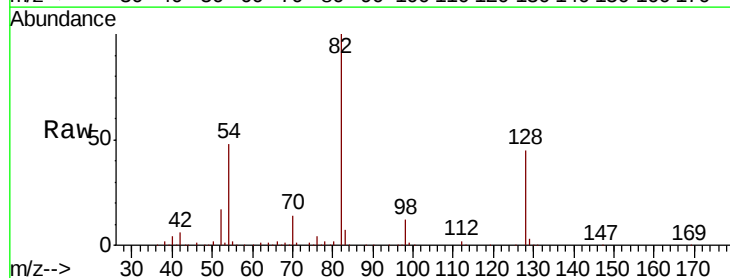


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

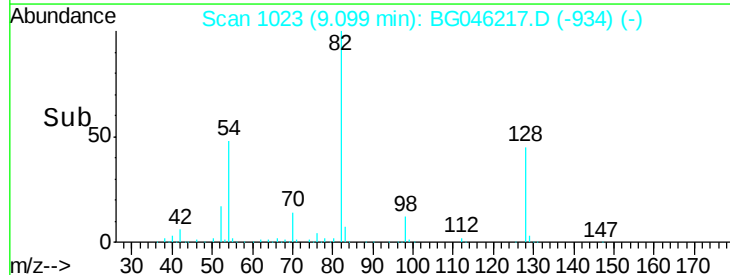
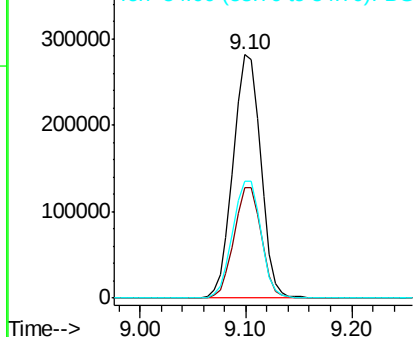


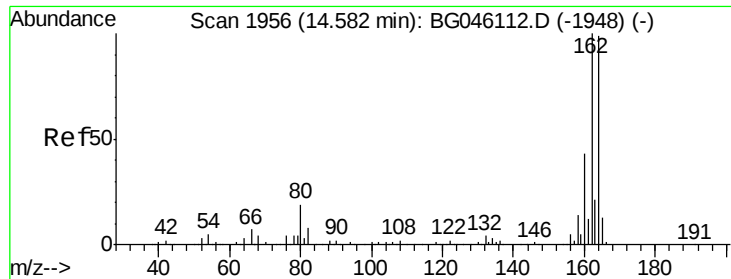
#23
Nitrobenzene-d5
Concen: 81.683 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG046217.D
Acq: 11 Aug 2020 14:44

Tgt	Ion: 82	Resp:	508812
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.4	51.6
54	48.1	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: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046217.D

Acq: 11 Aug 2020 14:44

Instrument :

BNA_G

ClientSampleId :

SB-2

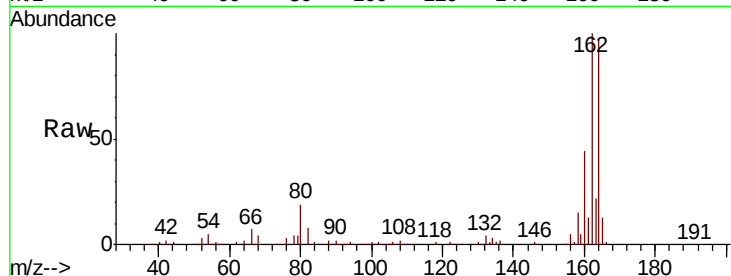
Tot Ion:164 Resp: 237167

Ion Ratio Lower Upper

164 100

162 102.8 80.6 121.0

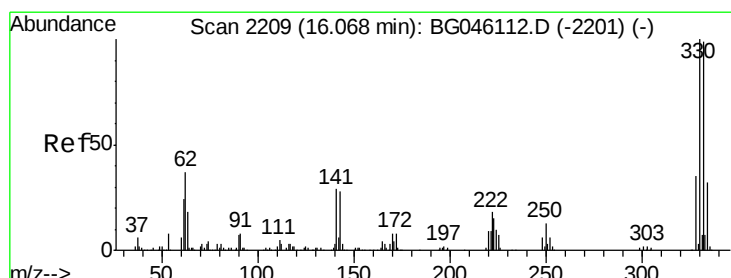
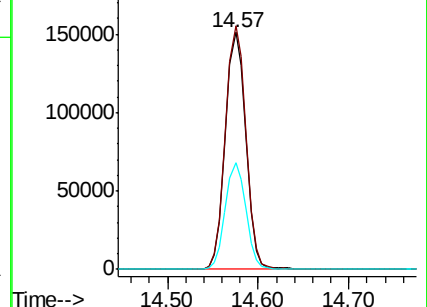
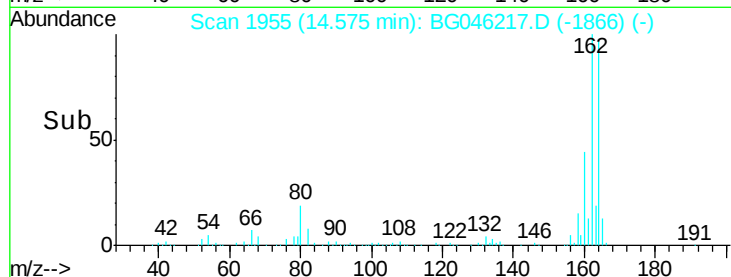
160 45.0 34.9 52.3



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: 149.995 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046217.D

Acq: 11 Aug 2020 14:44

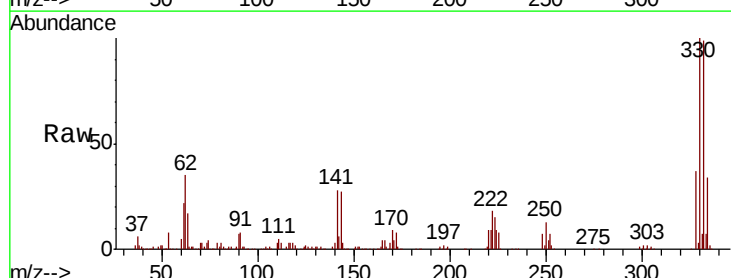
Tgt Ion:330 Resp: 546409

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.2

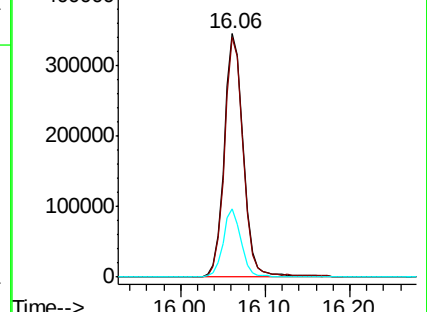
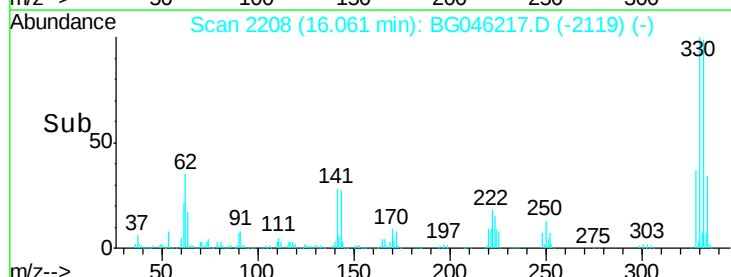
141 26.9 23.4 35.0

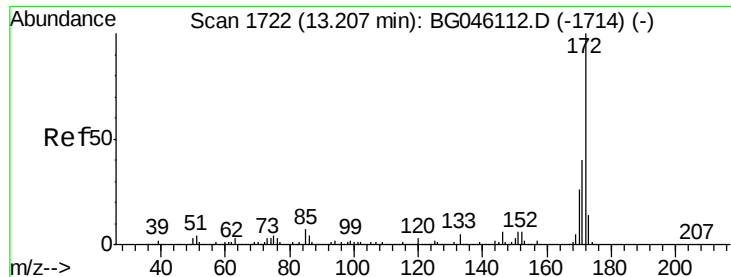


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

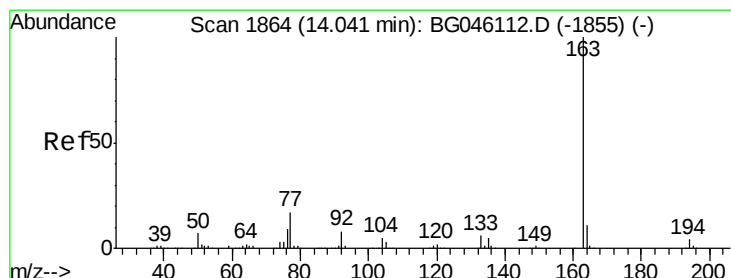
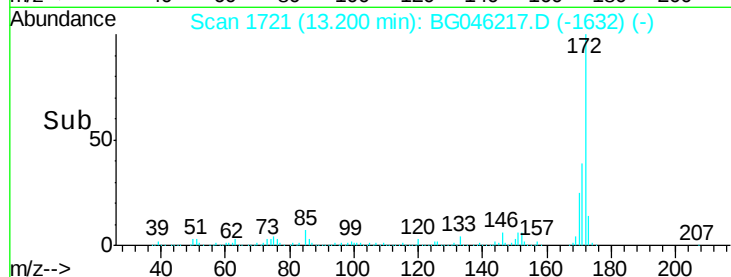
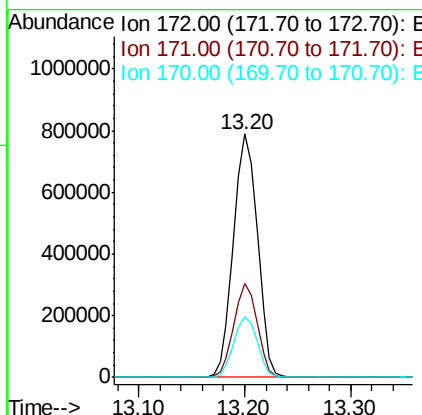
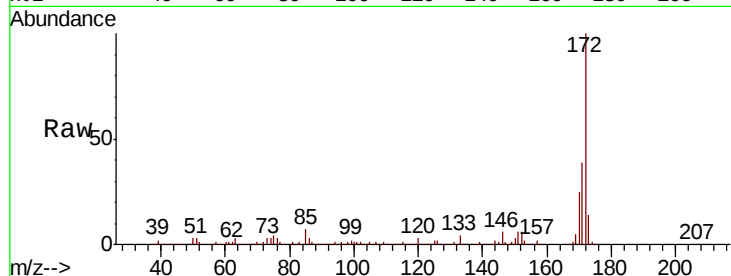




#45
2-Fluorobiphenyl
Concen: 76.218 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046217.D
Acq: 11 Aug 2020 14:44

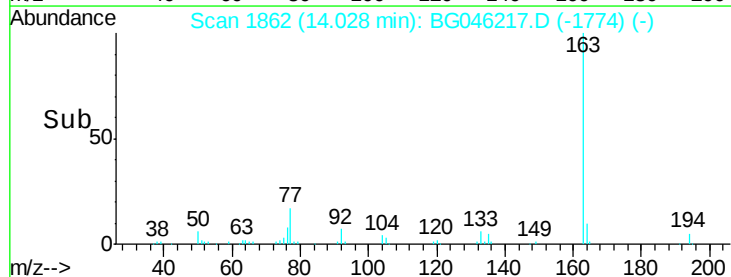
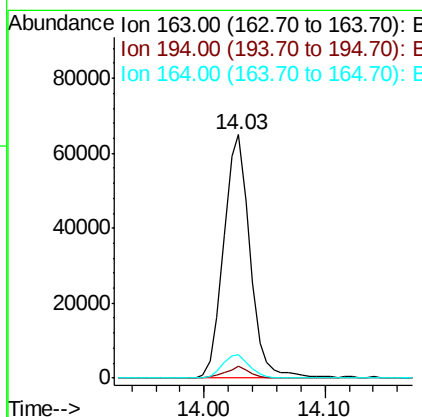
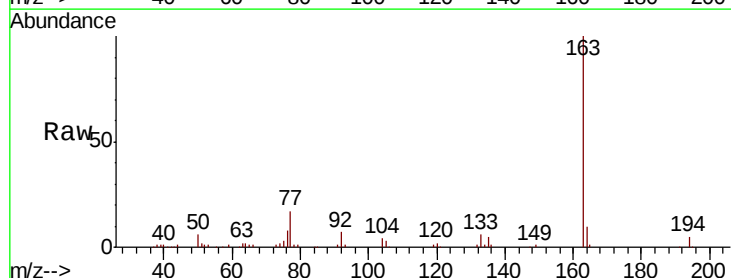
Instrument :
BNA_G
ClientSampled :
SB-2

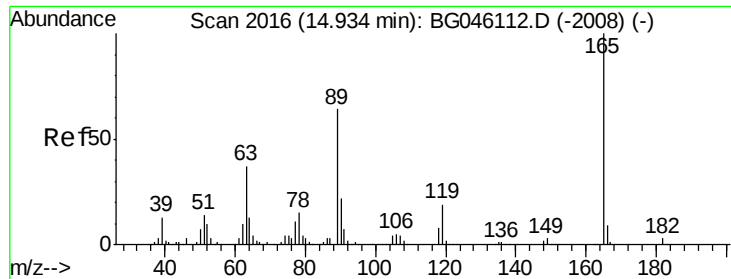
Tot Ion:172 Resp: 1244388
Ion Ratio Lower Upper
172 100
171 38.6 31.7 47.5
170 25.1 20.9 31.3



#50
Dimethylphthalate
Concen: 5.397 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046217.D
Acq: 11 Aug 2020 14:44

Tgt Ion:163 Resp: 98248
Ion Ratio Lower Upper
163 100
194 5.0 3.5 5.3
164 9.8 8.8 13.2

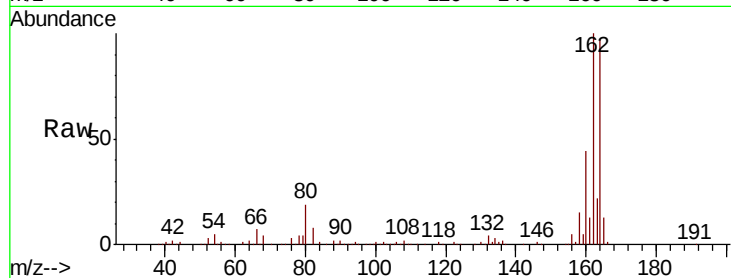




#57
 2,4-Dinitrotoluene
 Concen: 5.338 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046217.D
 Acq: 11 Aug 2020 14:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

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



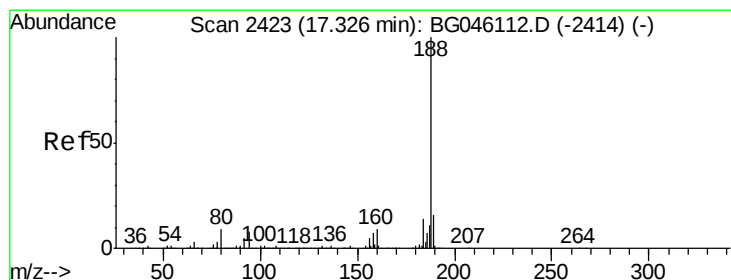
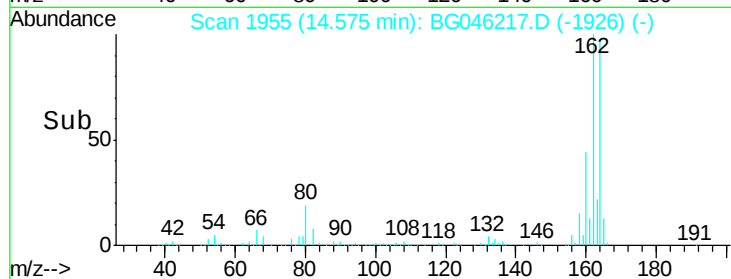
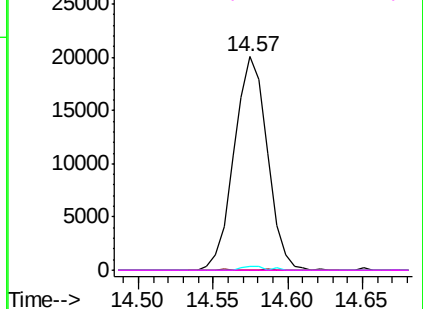
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

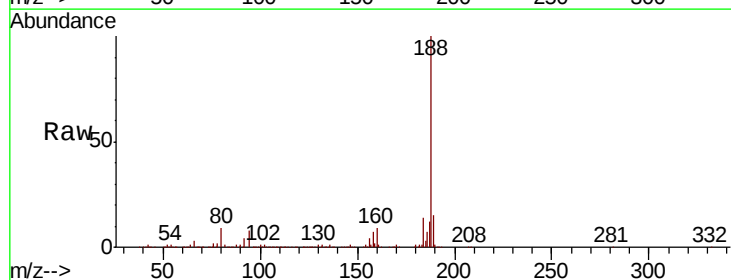
Ion 89.00 (88.70 to 89.70): BGC

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: BG046217.D
 Acq: 11 Aug 2020 14:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.4	9.6
80	8.8	7.4	11.0

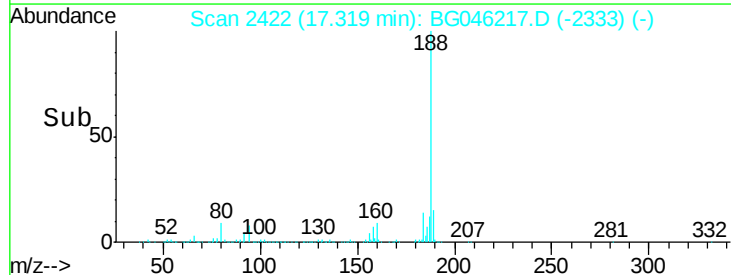
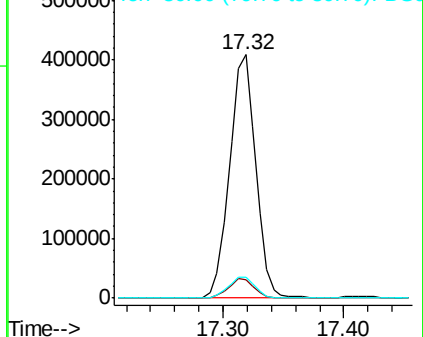


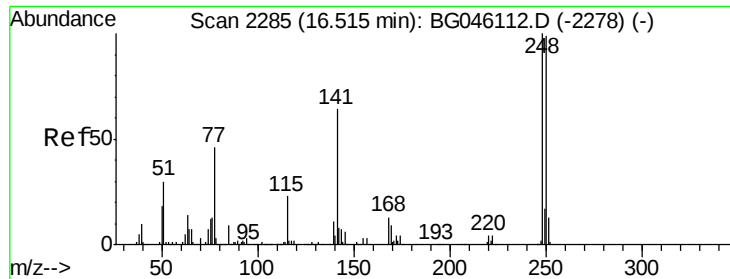
Abundance

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

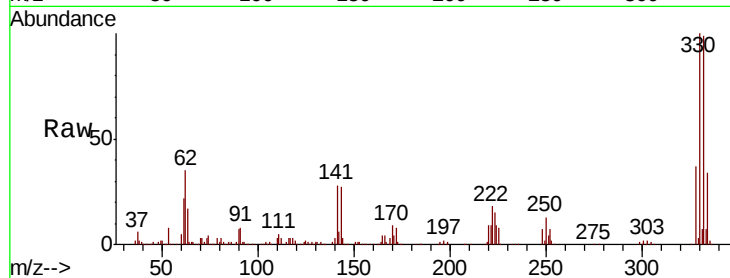




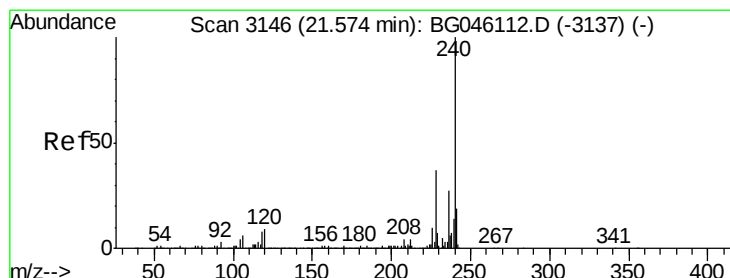
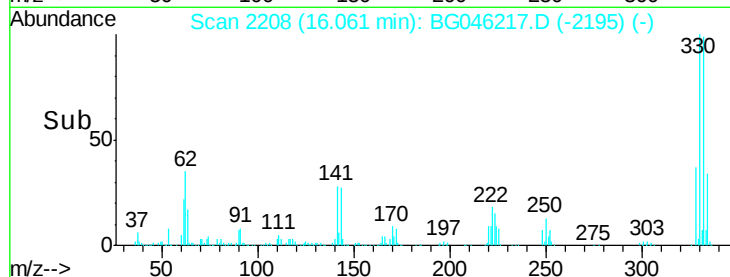
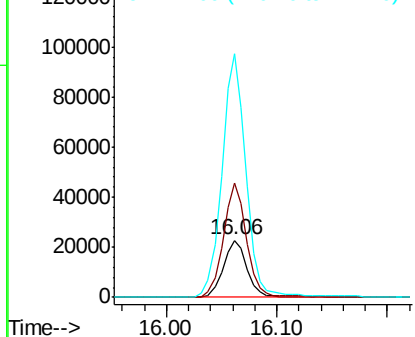
#67
4-Bromophenyl-phenylether
Concen: 4.466 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046217.D
Acq: 11 Aug 2020 14:44

Instrument :
BNA_G
ClientSampleId :
SB-2

Tot Ion:248 Resp: 34037
Ion Ratio Lower Upper
248 100
250 201.4 79.4 119.0#
141 427.5 50.9 76.3#

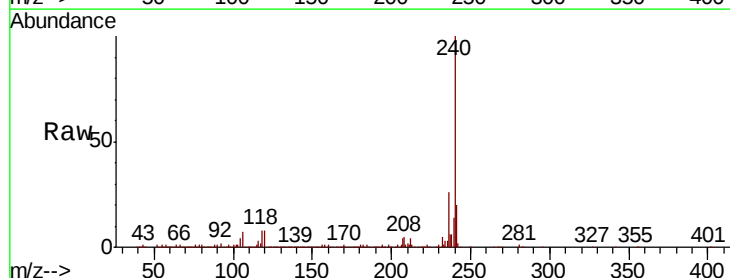


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

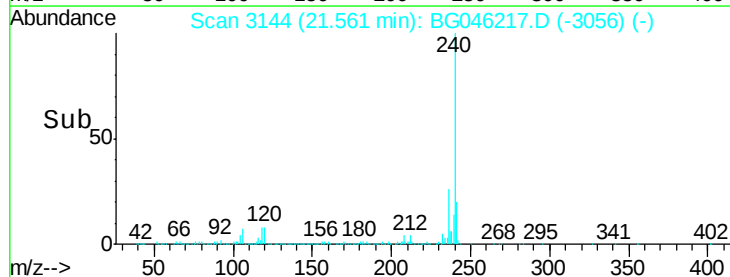
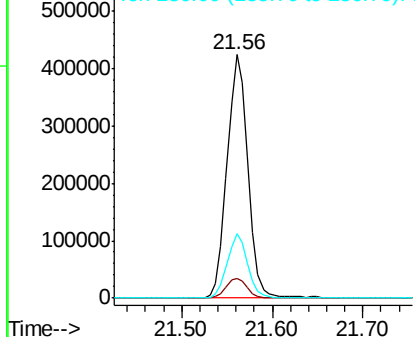


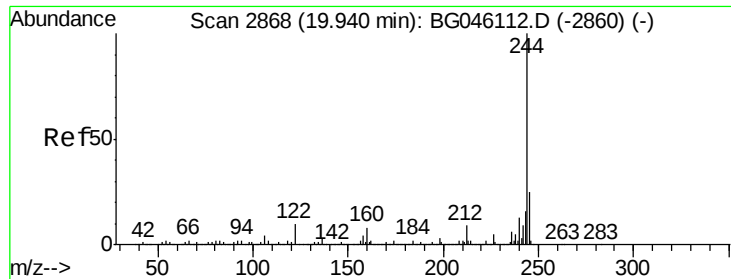
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046217.D
Acq: 11 Aug 2020 14:44

Tgt Ion:240 Resp: 679434
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 26.5 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: 65.500 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046217.D

Acq: 11 Aug 2020 14:44

Instrument :

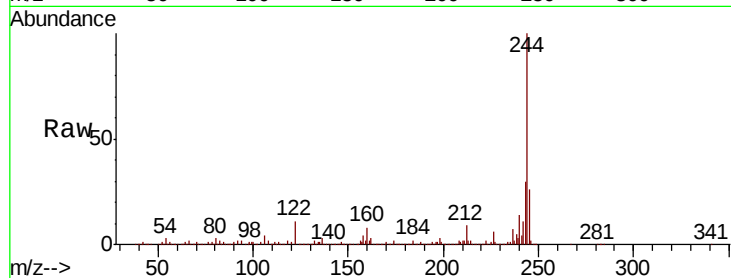
BNA_G

ClientSampleId :

SB-2

Tot Ion:244 Resp: 2185140

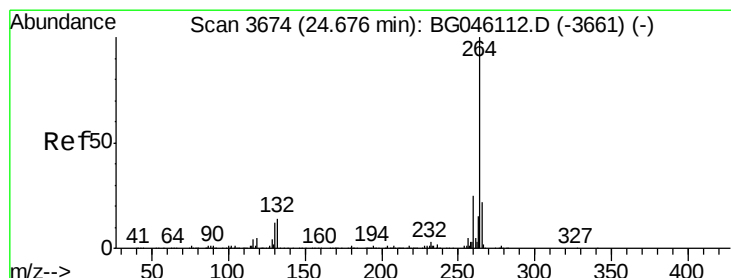
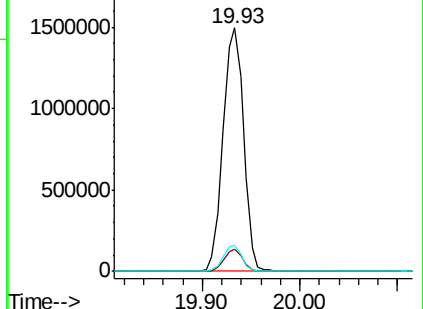
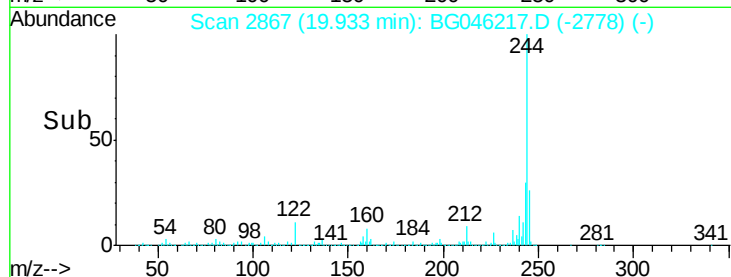
Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.2	10.8
122	10.8	8.3	12.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

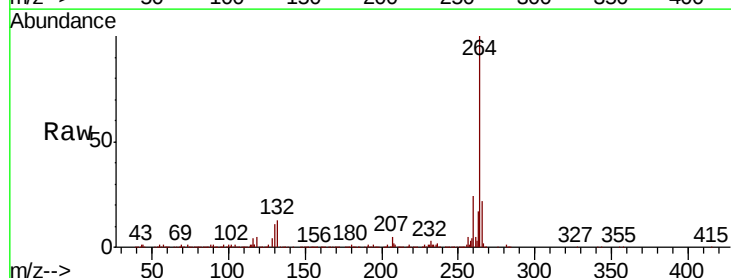
Delta R.T. -0.01 min

Lab File: BG046217.D

Acq: 11 Aug 2020 14:44

Tgt Ion:264 Resp: 711373

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	22.4	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

