

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080420\
 Data File : BG046164.D
 Acq On : 4 Aug 2020 10:00
 Operator : CG/JU
 Sample : PB130683BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 04 10:48:35 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

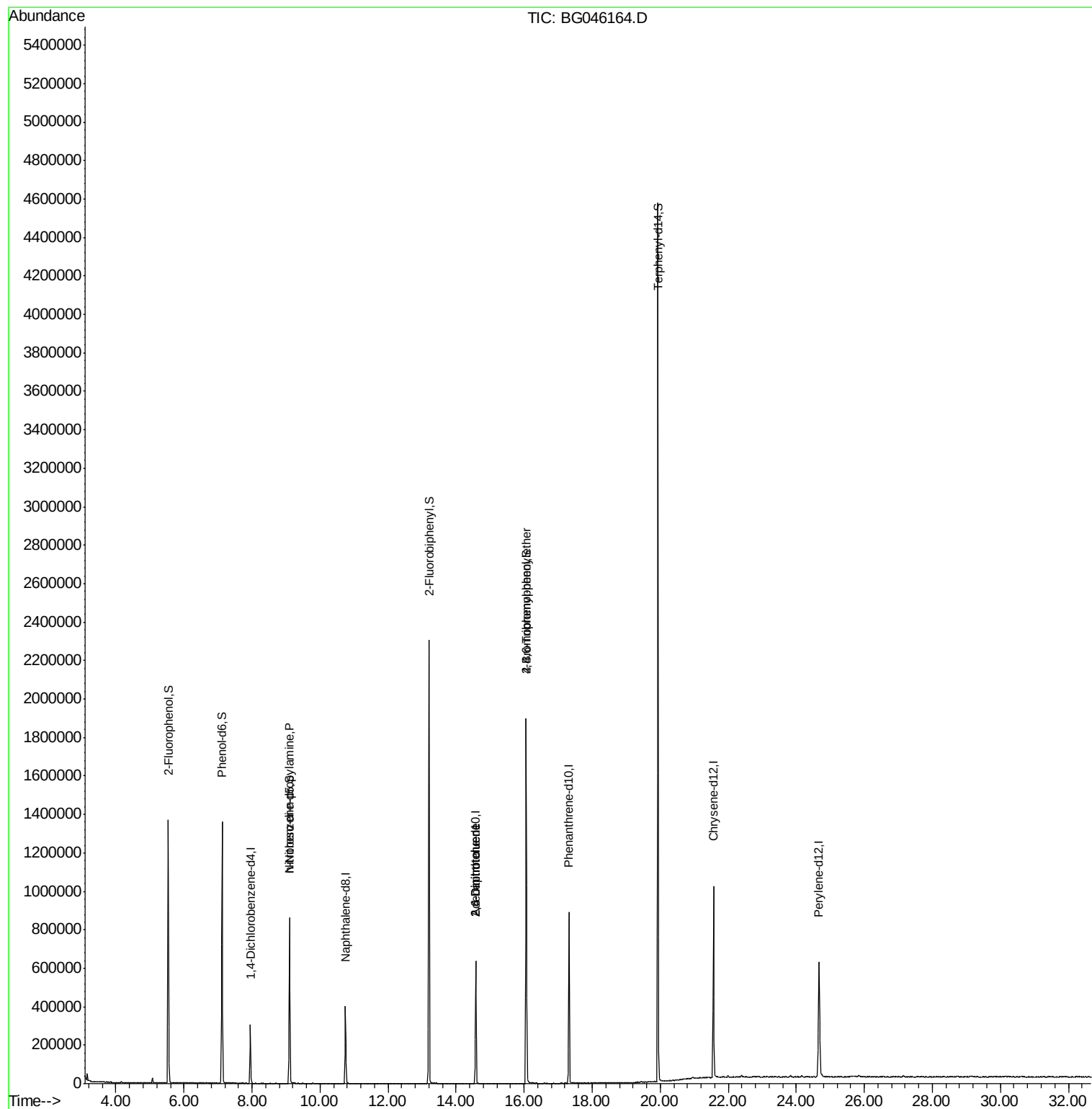
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	90257	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	355574	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	231751	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	557434	20.00	ng	0.00
76) Chrysene-d12	21.57	240	621340	20.00	ng	0.00
86) Perylene-d12	24.67	264	635099	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	597770	115.13	ng	0.00
7) Phenol-d6	7.12	99	778489	110.02	ng	0.00
23) Nitrobenzene-d5	9.10	82	521724	79.44	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	392440	110.25	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1267794	79.47	ng	0.00
79) Terphenyl-d14	19.93	244	2016927	66.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	68463	14.866	ng	# 78
51) 2,6-Dinitrotoluene	14.57	165	31097	7.512	ng	# 29
57) 2,4-Dinitrotoluene	14.57	165	31097	5.464	ng	# 29
67) 4-Bromophenyl-phenylether	16.06	248	24511	3.559	ng	# 1

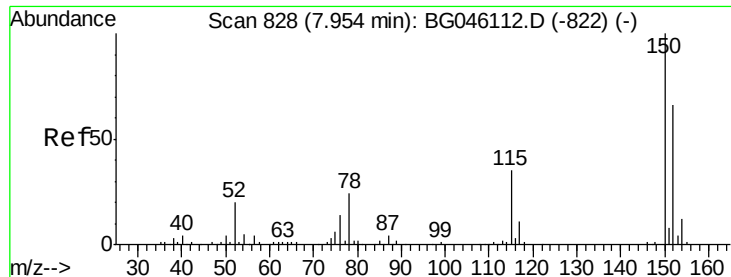
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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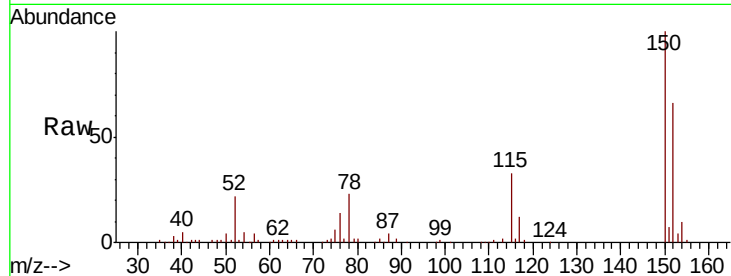


#1

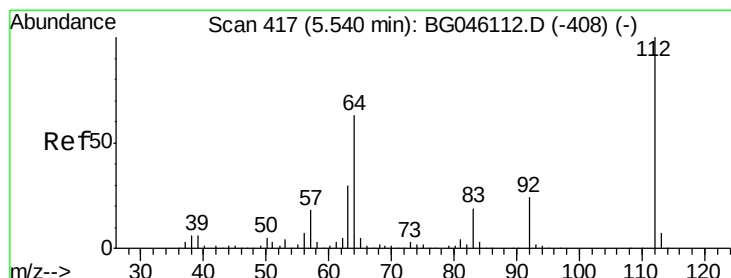
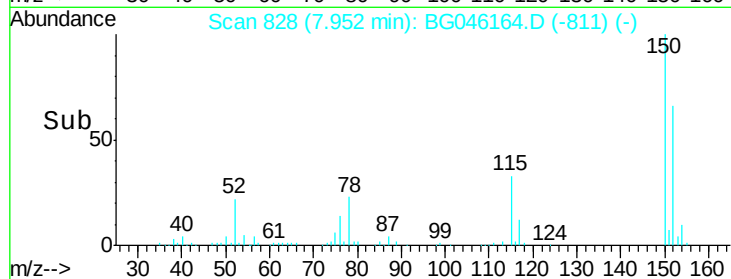
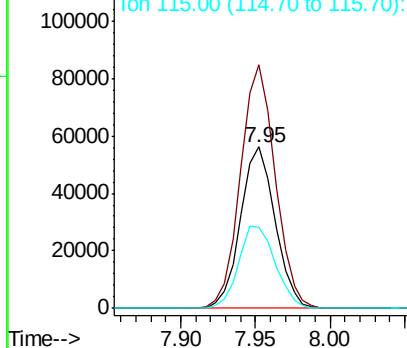
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046164.D
Acq: 4 Aug 2020 10:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 90257
Ion Ratio Lower Upper
152 100
150 151.1 122.1 183.1
115 50.5 43.2 64.8



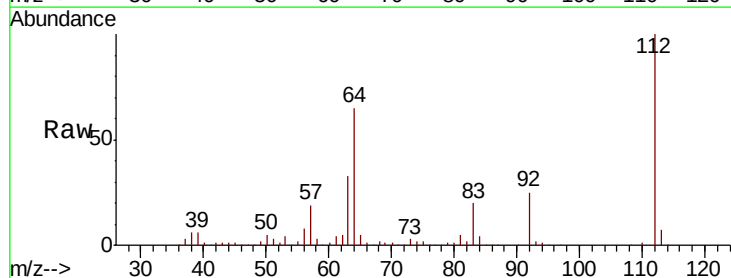
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



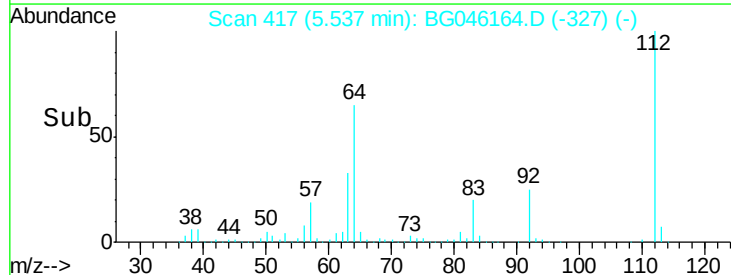
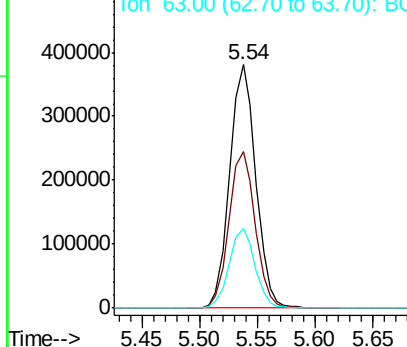
#5

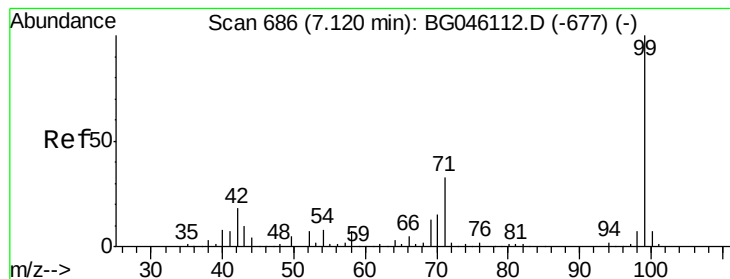
2-Fluorophenol
Concen: 115.132 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046164.D
Acq: 4 Aug 2020 10:00

Tgt Ion:112 Resp: 597770
Ion Ratio Lower Upper
112 100
64 64.6 50.2 75.2
63 32.6 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 110.017 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046164.D

Acq: 4 Aug 2020 10:00

Instrument :

BNA_G

ClientSampleId :

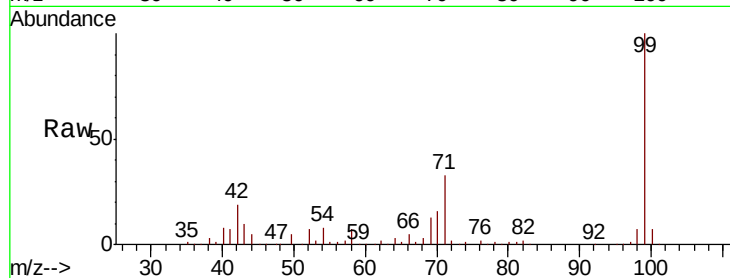
Tot Ion: 99 Resp: 778489

Ion Ratio Lower Upper

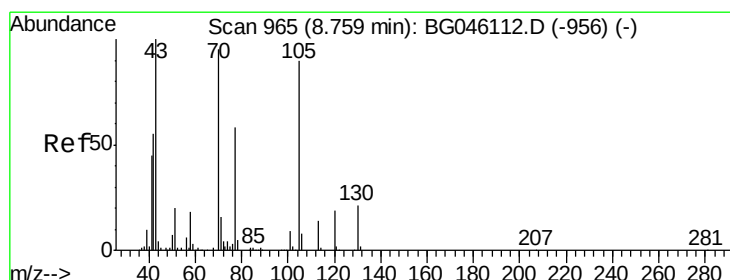
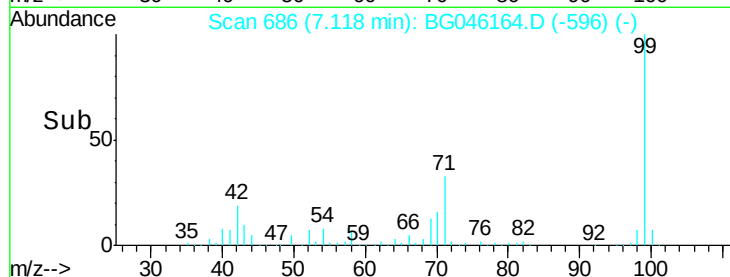
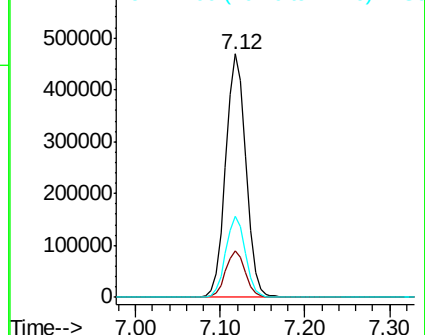
99 100

42 19.4 14.7 22.1

71 33.1 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: 14.866 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.34 min

Lab File: BG046164.D

Acq: 4 Aug 2020 10:00

Tgt Ion: 70 Resp: 68463

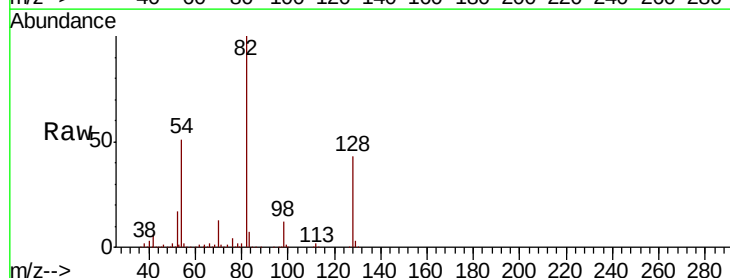
Ion Ratio Lower Upper

70 100

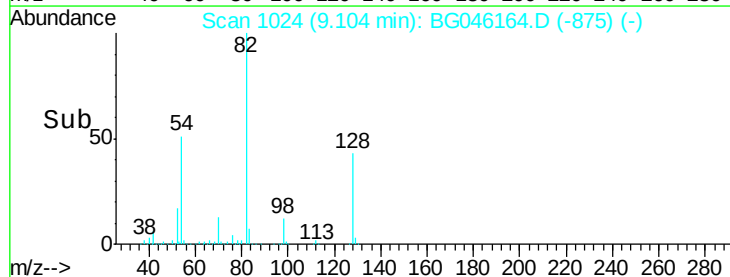
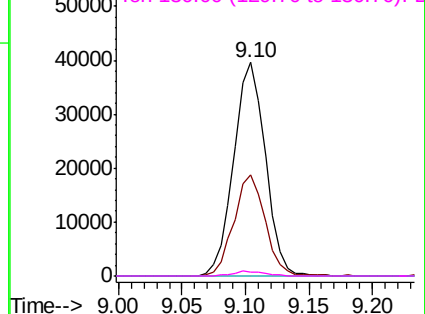
42 47.5 46.5 69.7

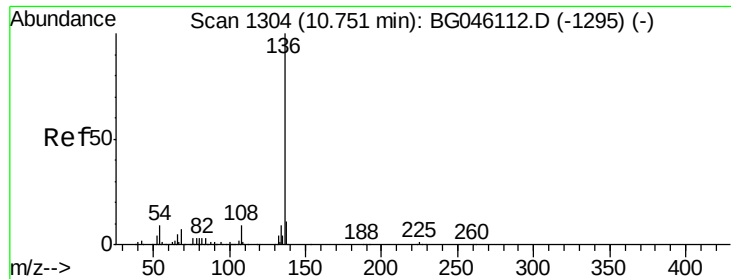
101 0.0 7.6 11.4#

130 1.6 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

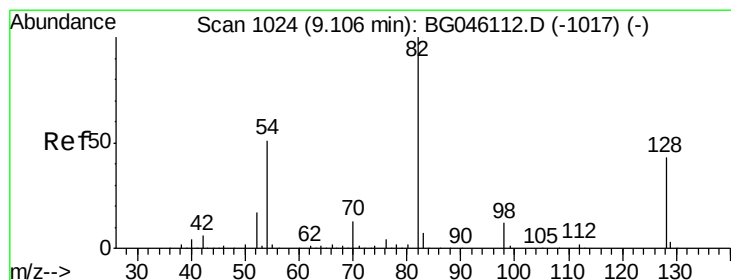
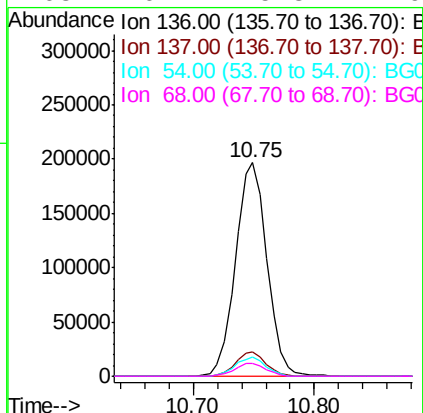
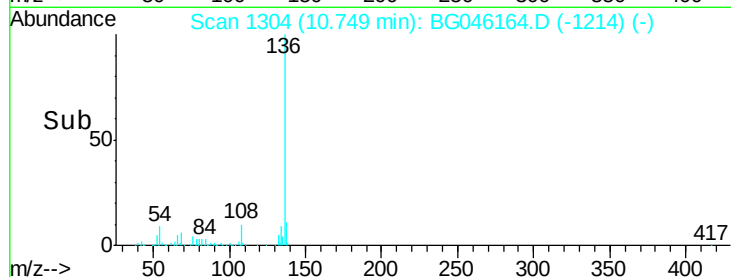
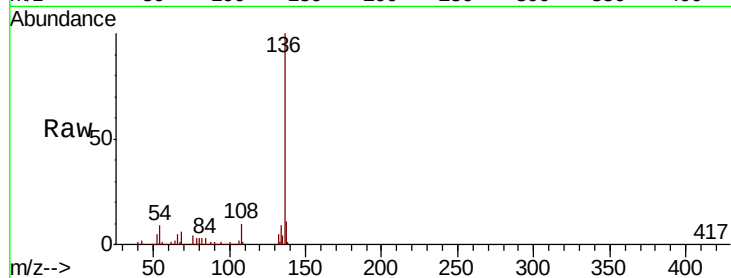




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046164.D
Acq: 4 Aug 2020 10:00

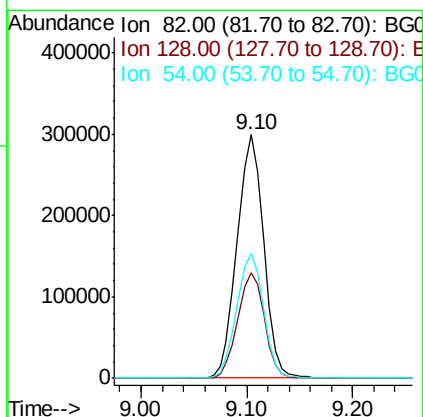
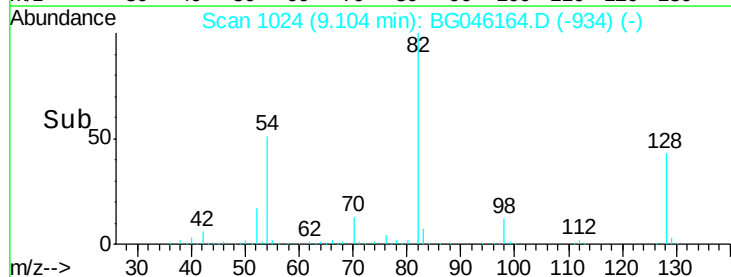
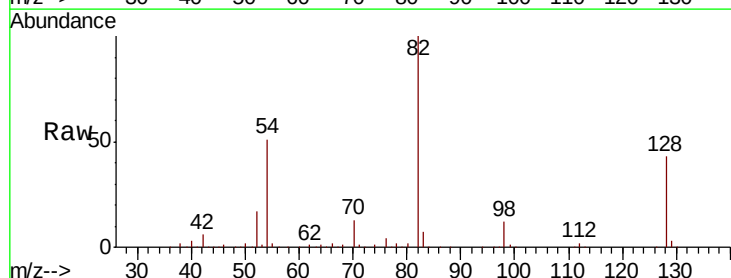
Instrument :
BNA_G
ClientSampleId :

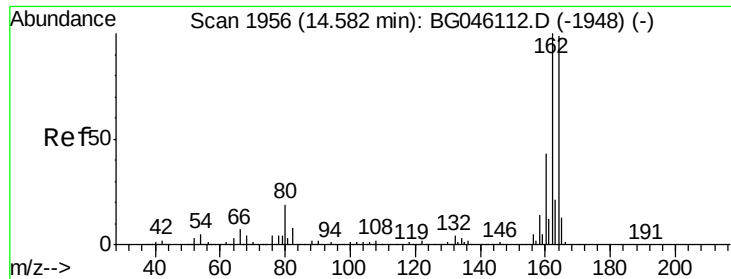
Tot Ion:136	Resp:	355574
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.8	13.2
54 9.3	7.0	10.4
68 6.1	5.3	7.9



#23
Nitrobenzene-d5
Concen: 79.442 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046164.D
Acq: 4 Aug 2020 10:00

Tgt Ion: 82	Resp: 521724
Ion Ratio	Lower Upper
82 100	
128 43.5	34.4 51.6
54 51.3	40.8 61.2

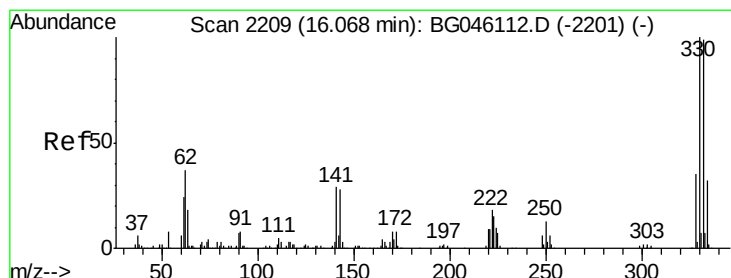
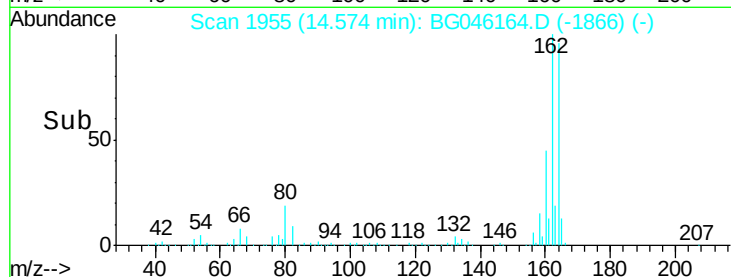
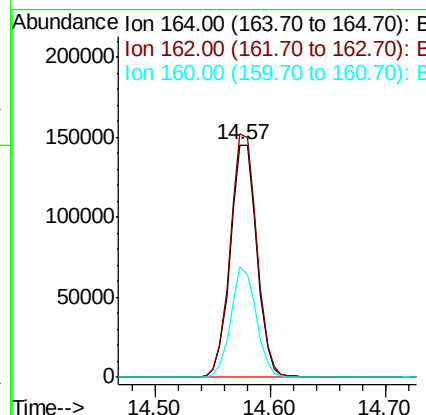
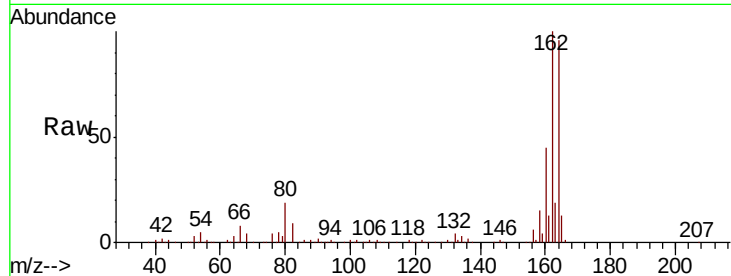




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BG046164.D
 Acq: 4 Aug 2020 10:00

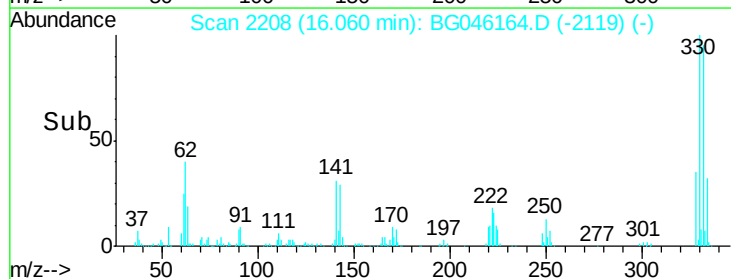
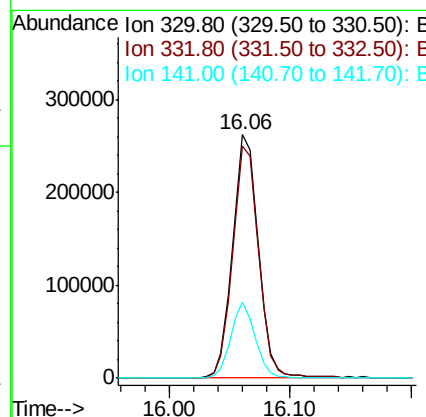
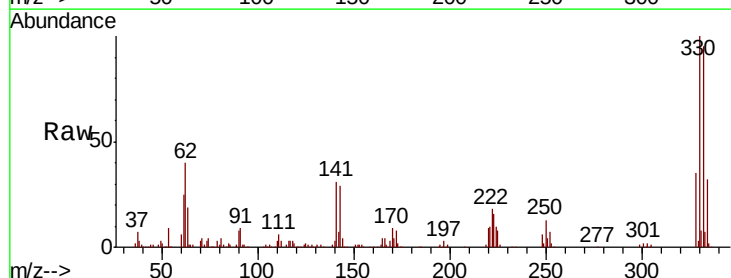
Instrument :
 BNA_G
 ClientSampleId :

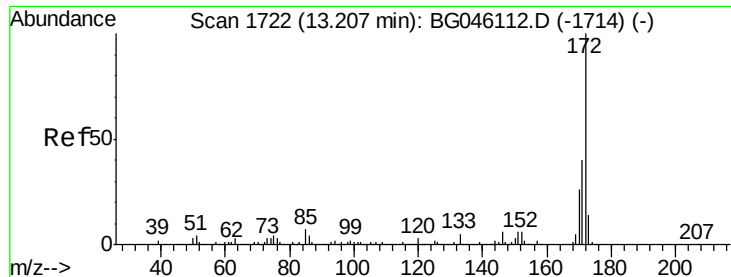
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.6	121.0
160	47.4	34.9	52.3



#42
 2,4,6-Tribromophenol
 Concen: 110.247 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG046164.D
 Acq: 4 Aug 2020 10:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	29.6	23.4	35.0

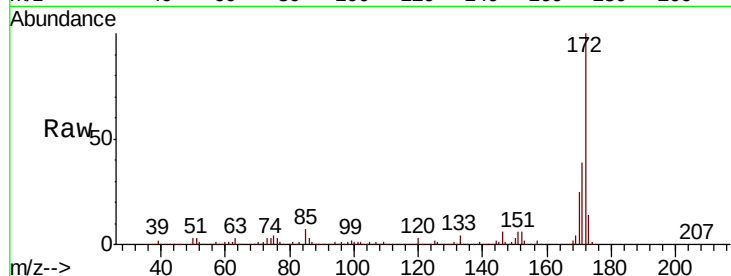




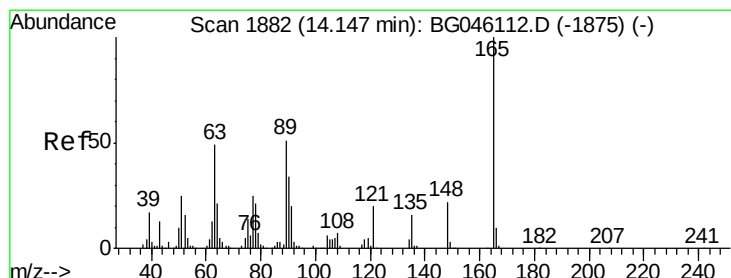
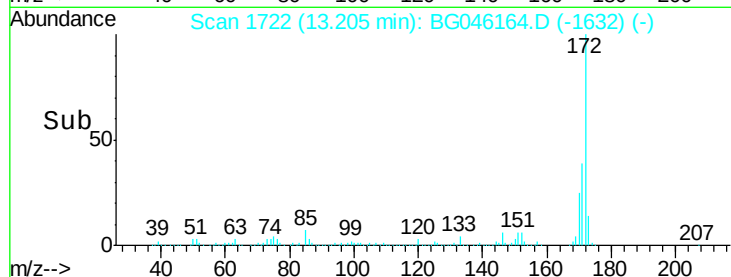
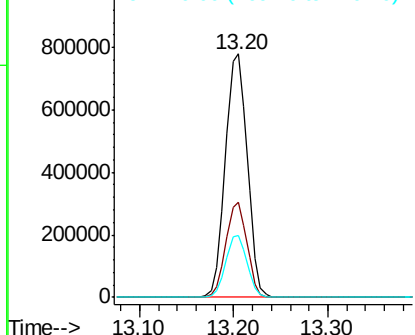
#45
 2-Fluorobiphenyl
 Concen: 79.466 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG046164.D
 Acq: 4 Aug 2020 10:00

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1267794
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.7 47.5
 170 25.4 20.9 31.3

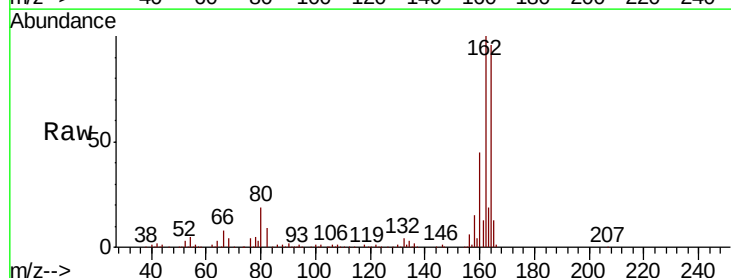


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

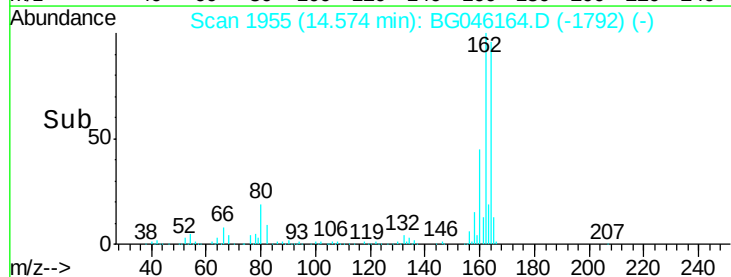
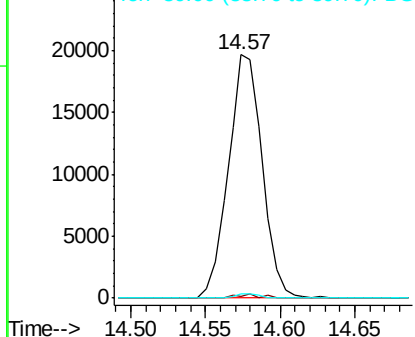


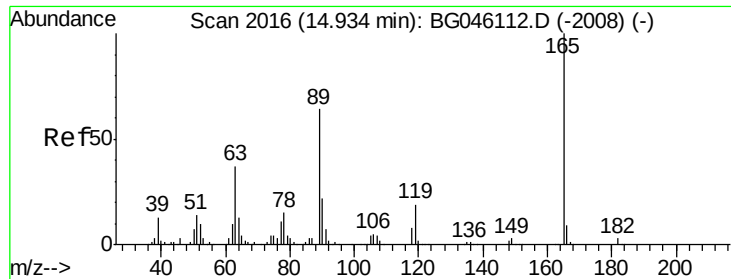
#51
 2,6-Dinitrotoluene
 Concen: 7.512 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. 0.43 min
 Lab File: BG046164.D
 Acq: 4 Aug 2020 10:00

Tgt Ion:165 Resp: 31097
 Ion Ratio Lower Upper
 165 100
 63 0.9 39.7 59.5#
 89 1.5 41.0 61.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

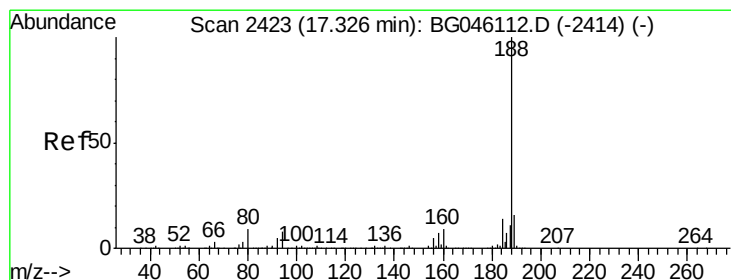
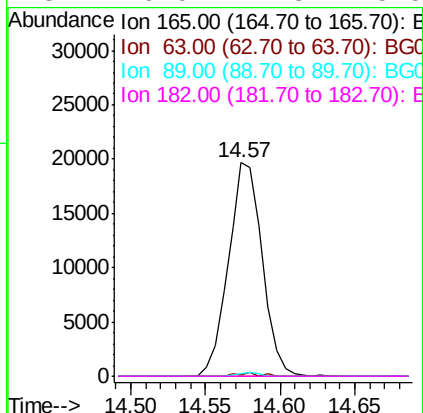
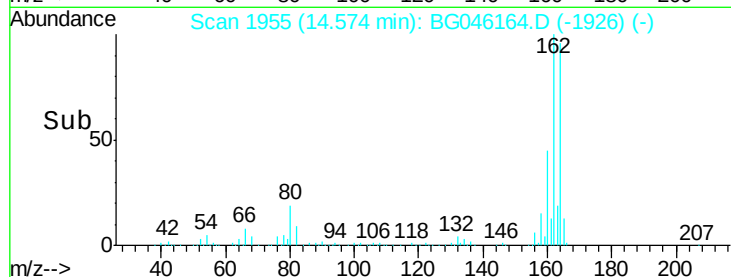
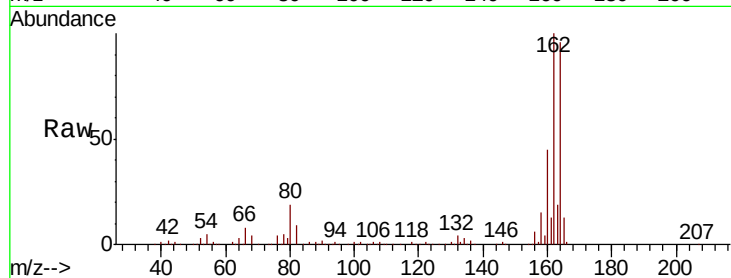




#57
 2,4-Dinitrotoluene
 Concen: 5.464 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046164.D
 Acq: 4 Aug 2020 10:00

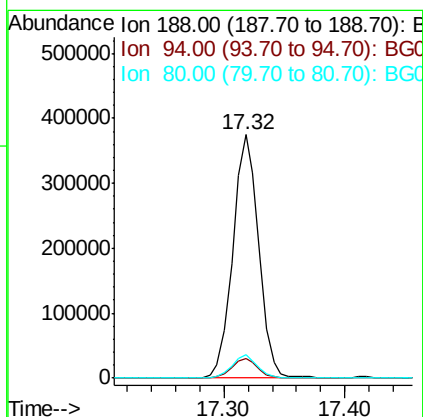
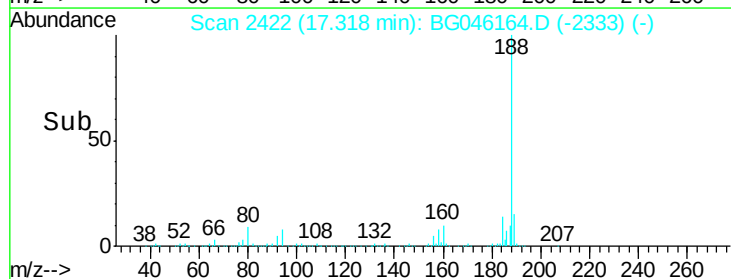
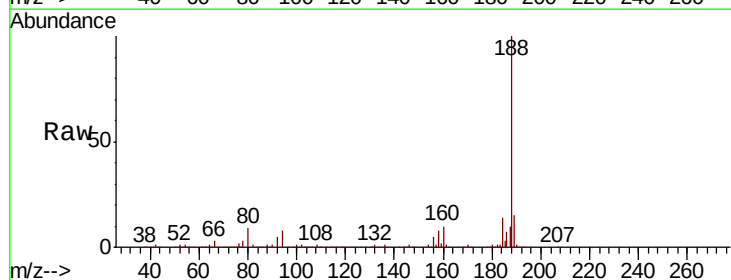
Instrument :
 BNA_G
 ClientSampleId :

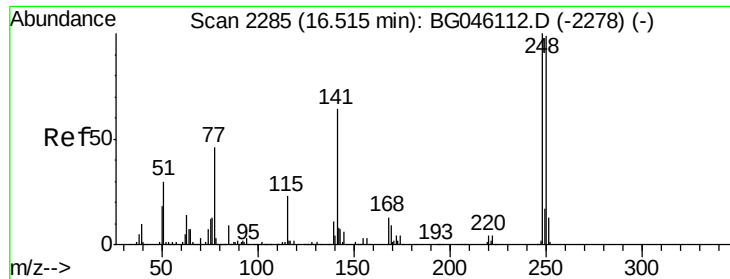
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	30.1	45.1#
89	1.5	51.4	77.2#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG046164.D
 Acq: 4 Aug 2020 10:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.4	9.6
80	9.5	7.4	11.0

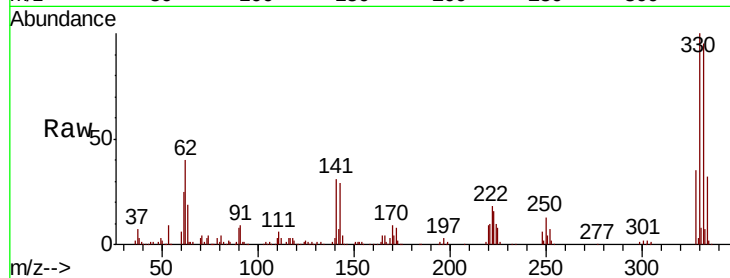




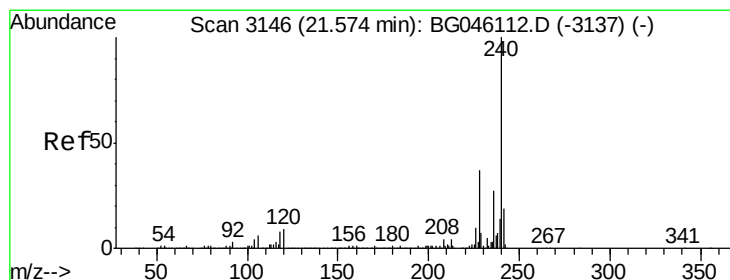
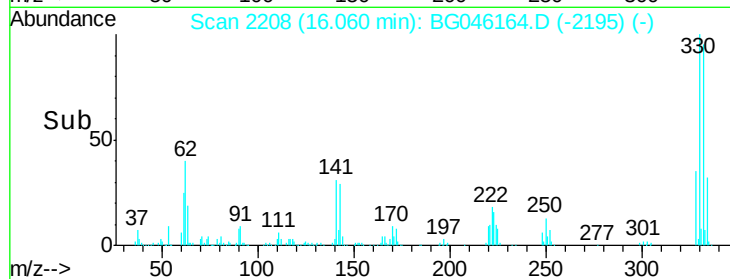
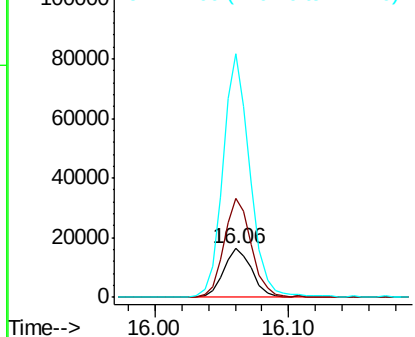
#67
4-Bromophenyl-phenylether
Concen: 3.559 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046164.D
Acq: 4 Aug 2020 10:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 24511
Ion Ratio Lower Upper
248 100
250 203.5 79.4 119.0#
141 499.8 50.9 76.3#

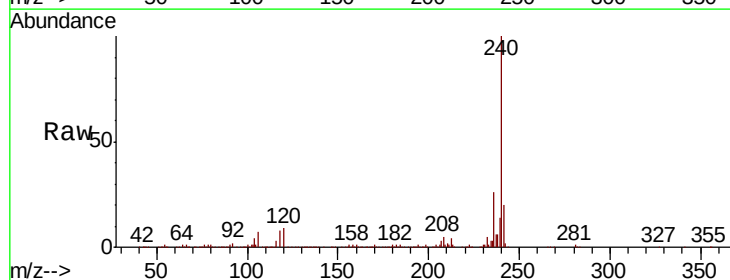


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

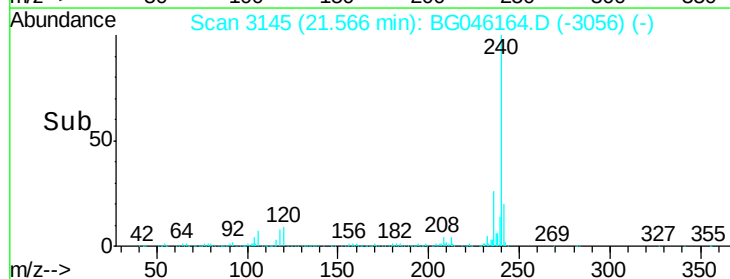
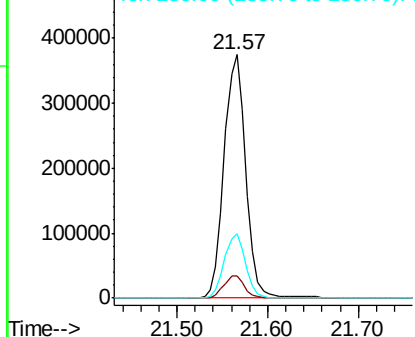


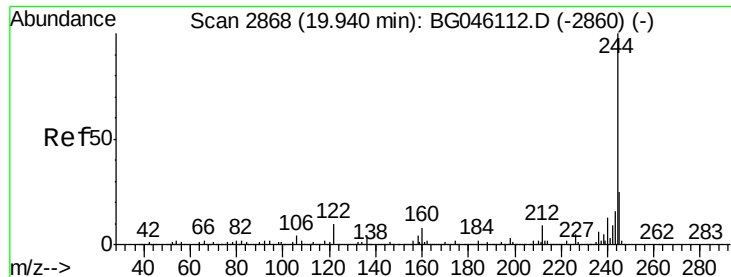
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG046164.D
Acq: 4 Aug 2020 10:00

Tgt Ion:240 Resp: 621340
Ion Ratio Lower Upper
240 100
120 9.1 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: 66.111 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046164.D

Acq: 4 Aug 2020 10:00

Instrument :

BNA_G

ClientSampleId :

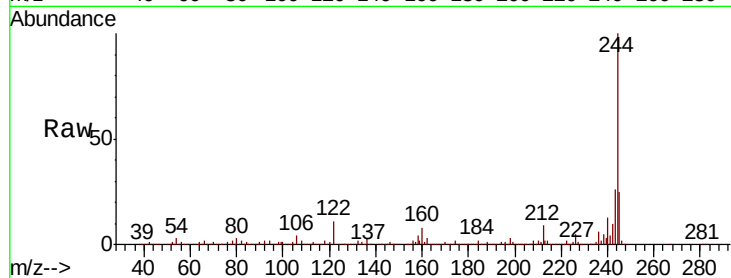
Tot Ion:244 Resp: 2016927

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

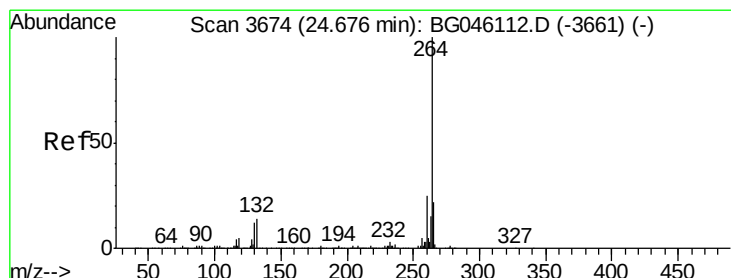
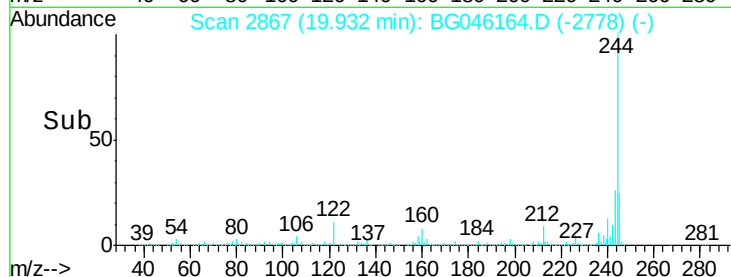
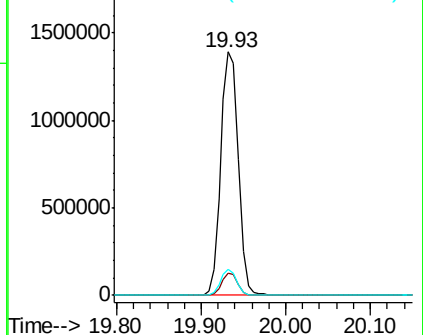
122 10.6 8.3 12.5



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: BG046164.D

Acq: 4 Aug 2020 10:00

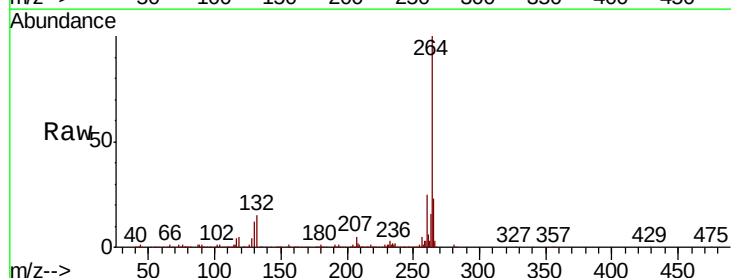
Tgt Ion:264 Resp: 635099

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 23.0 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

