

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041621\
 Data File : BN014320.D
 Acq On : 16 Apr 2021 21:23
 Operator : CG/JU
 Sample : M2061-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-225-250-041521

Quant Time: Apr 17 02:53:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN041621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 16:29:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

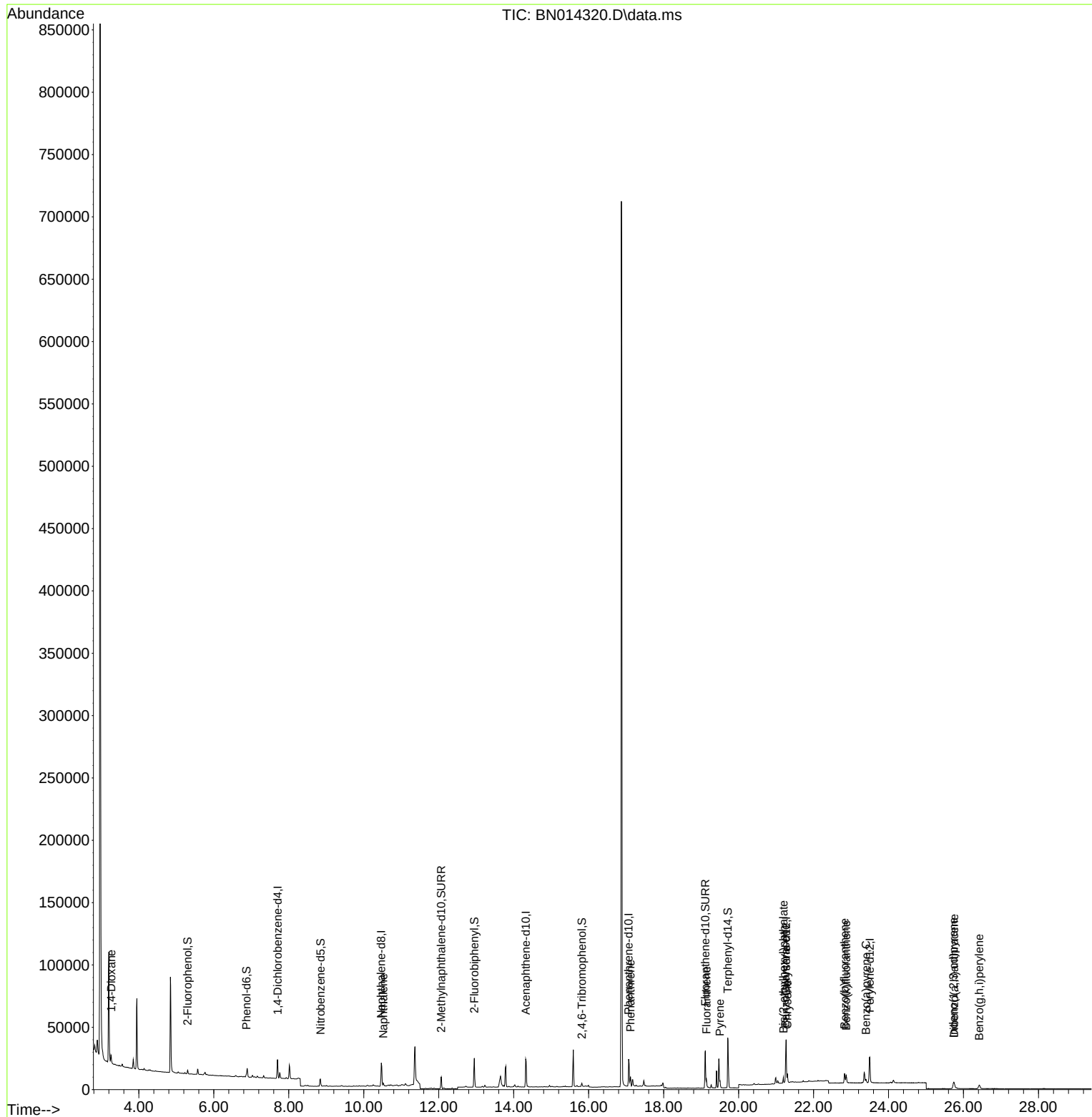
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	7066	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	26702	0.40	ng	#-0.01
13) Acenaphthene-d10	14.321	164	14787	0.40	ng	-0.01
19) Phenanthrene-d10	17.067	188	31508	0.40	ng	0.00
29) Chrysene-d12	21.268	240	32397	0.40	ng	0.00
36) Perylene-d12	23.497	264	27729	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	2253	0.14	ng	0.00
5) Phenol-d6	6.871	99	1687	0.09	ng	0.00
8) Nitrobenzene-d5	8.845	82	5715	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.066	152	12937	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1992	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.950	172	20018	0.34	ng	0.00
27) Fluoranthene-d10	19.111	212	33923	0.39	ng	0.00
31) Terphenyl-d14	19.712	244	39505	0.58	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	4493	0.50	ng	# 68
9) Naphthalene	10.517	128	2993	0.04	ng	# 92
25) Phenanthrene	17.116	178	8007	0.09	ng	98
28) Fluoranthene	19.141	202	6909	0.07	ng	# 95
30) Pyrene	19.503	202	5177	0.06	ng	# 94
32) Benzo(a)anthracene	21.247	228	4651	0.05	ng	95
33) Chrysene	21.300	228	5826	0.06	ng	95
34) Bis(2-ethylhexyl)phtha...	21.194	149	4360	0.18	ng	97
35) Indeno(1,2,3-cd)pyrene	25.735	276	7272	0.06	ng	99
37) Benzo(b)fluoranthene	22.826	252	9754	0.08	ng	# 76
38) Benzo(k)fluoranthene	22.870	252	7938	0.07	ng	# 69
39) Benzo(a)pyrene	23.397	252	3697	0.04	ng	# 26
40) Dibenzo(a,h)anthracene	25.749	278	5255	0.05	ng	# 79
41) Benzo(g,h,i)perylene	26.420	276	6314	0.06	ng	# 91

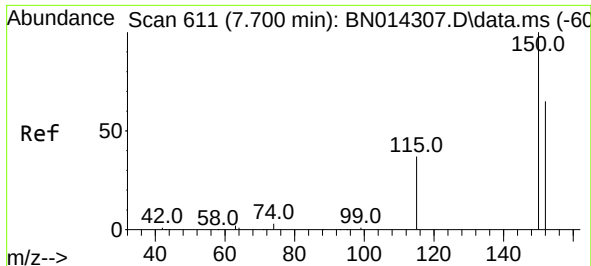
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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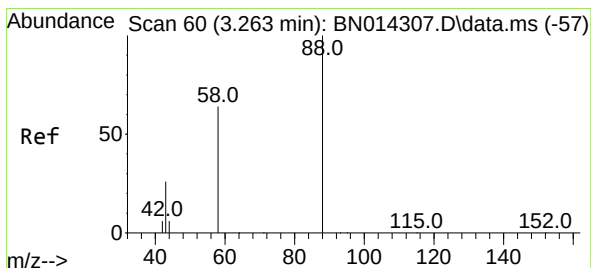
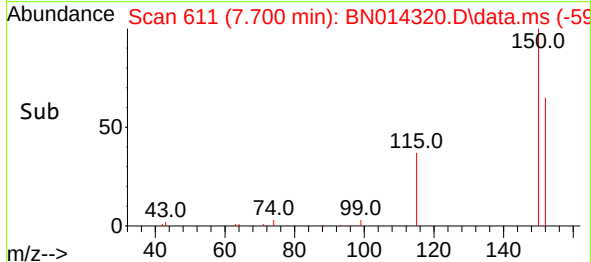
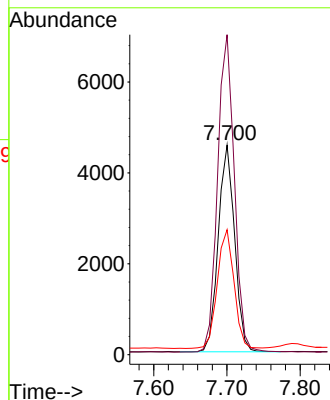
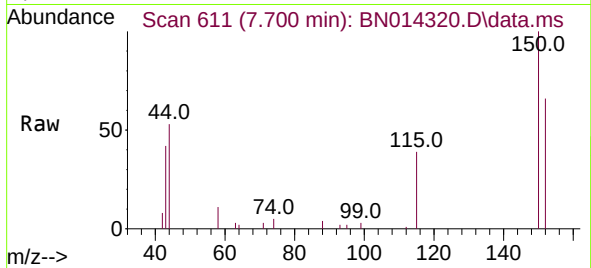




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014320.D
 Acq: 16 Apr 2021 21:23

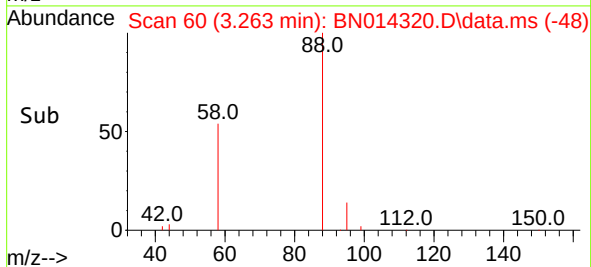
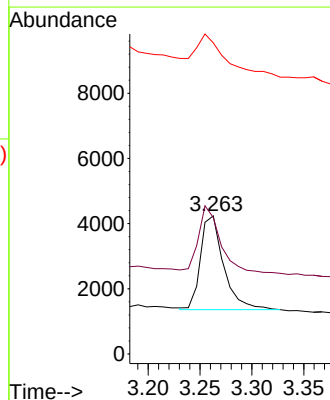
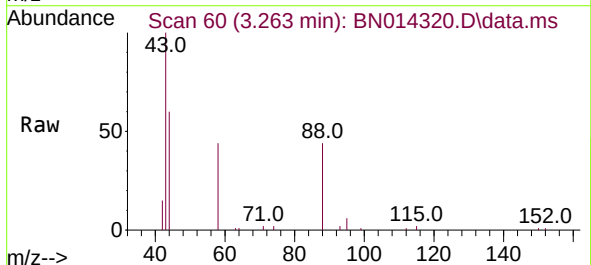
Instrument :
 BNA_N
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 GWBR1-225-250-041521

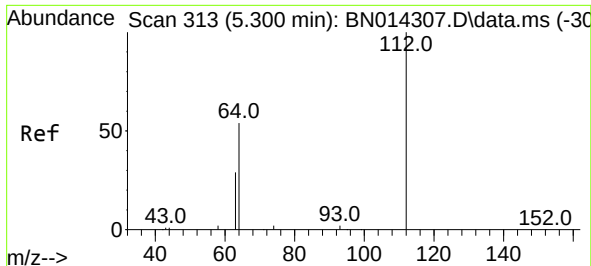
Tgt Ion: 152 Resp: 7066
 Ion Ratio Lower Upper
 152 100
 150 152.7 123.0 184.4
 115 59.6 47.6 71.4



#2
 1,4-Dioxane
 Concen: 0.50 ng
 RT: 3.263 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN014320.D
 Acq: 16 Apr 2021 21:23

Tgt Ion: 88 Resp: 4493
 Ion Ratio Lower Upper
 88 100
 58 68.6 47.3 70.9
 43 64.3 20.6 31.0#

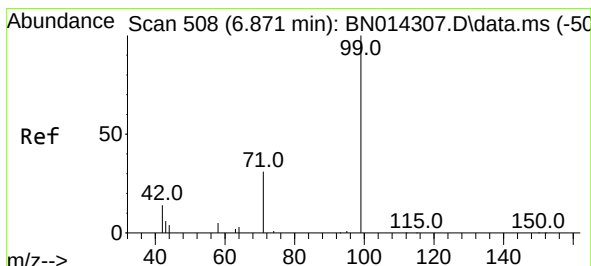
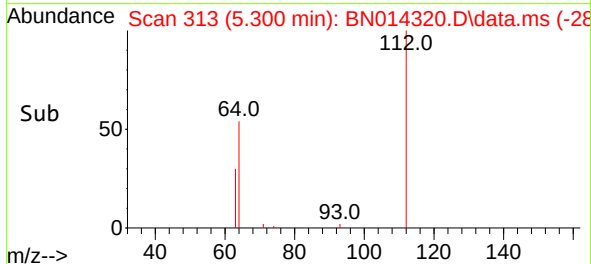
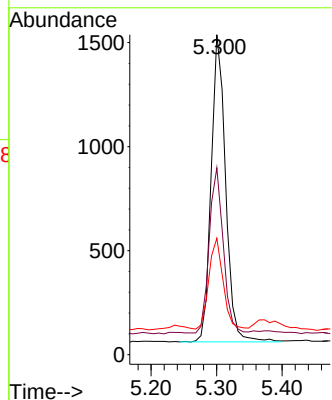
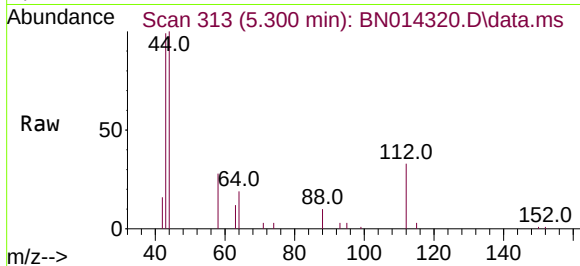




#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.300 min Scan# 313
Delta R.T. -0.000 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

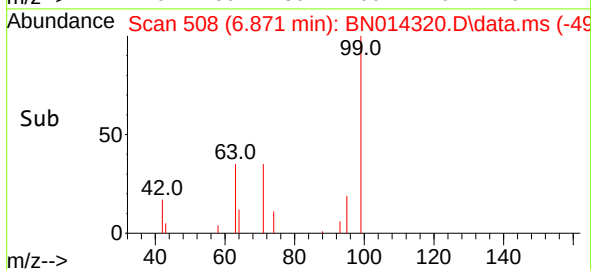
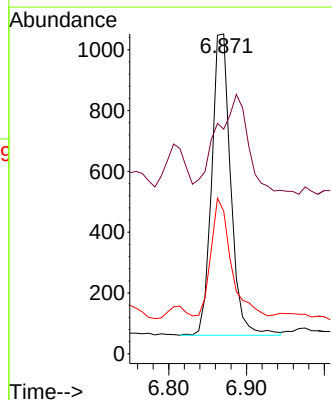
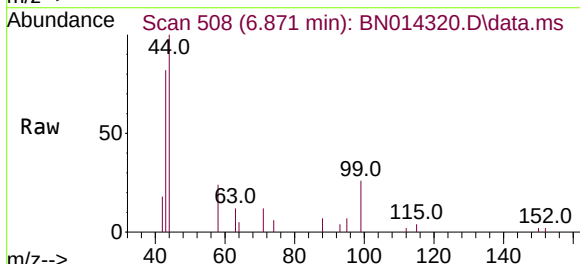
Instrument :
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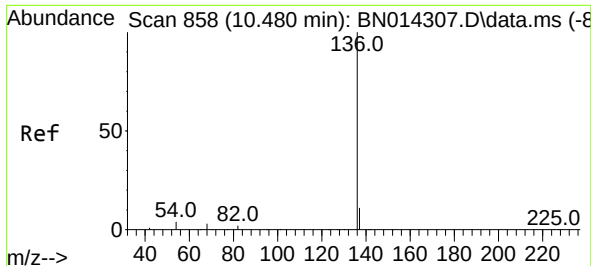
Tgt Ion: 112 Resp: 2253
Ion Ratio Lower Upper
112 100
64 52.4 43.7 65.5
63 30.6 23.8 35.8



#5
Phenol-d6
Concen: 0.09 ng
RT: 6.871 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

Tgt Ion: 99 Resp: 1687
Ion Ratio Lower Upper
99 100
42 0.0 15.7 23.5#
71 43.5 27.6 41.4#

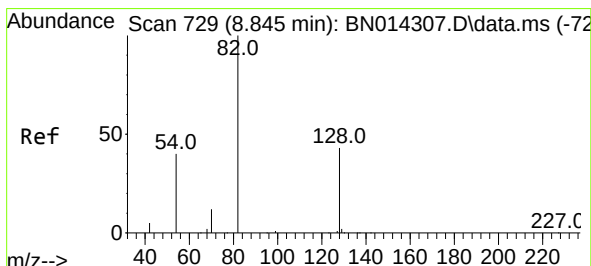
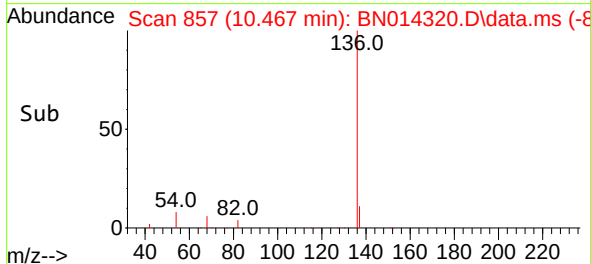
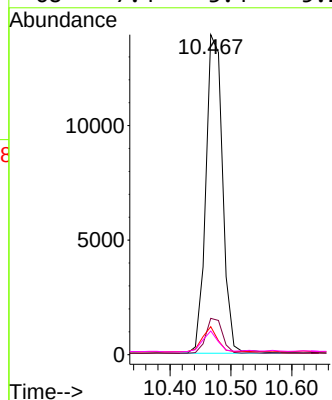
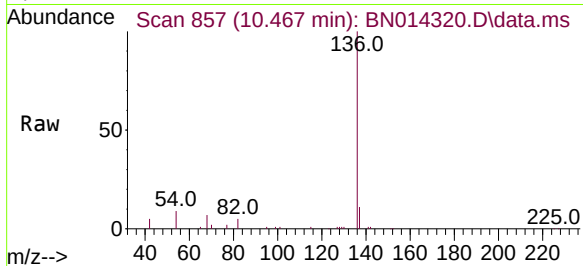




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.013 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

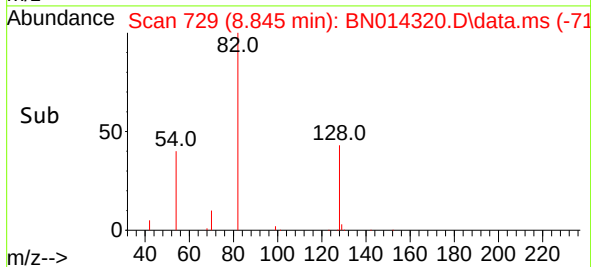
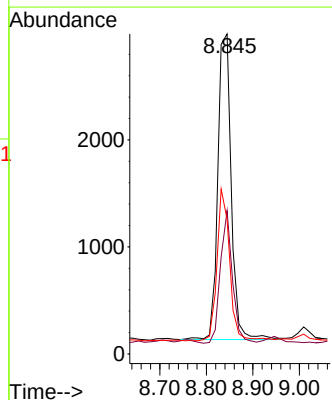
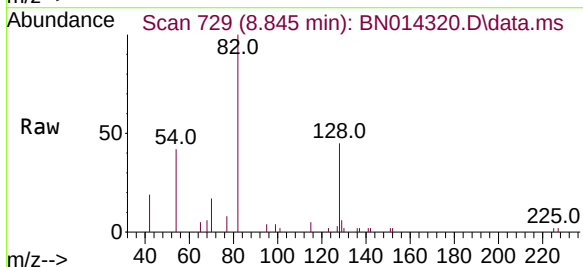
Instrument :
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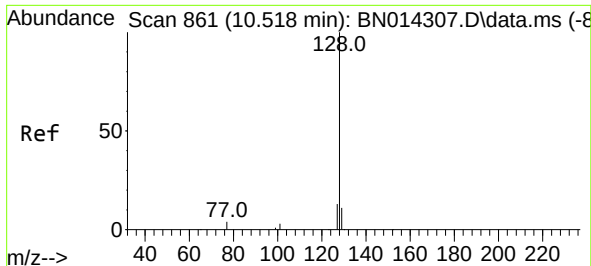
Tgt Ion:	136	Resp:	26702
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	8.8	3.5	5.3#
68	7.4	3.4	5.2#



#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.845 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

Tgt Ion:	82	Resp:	5715
Ion Ratio	Lower	Upper	
82	100		
128	44.8	35.3	52.9
54	42.0	33.4	50.2

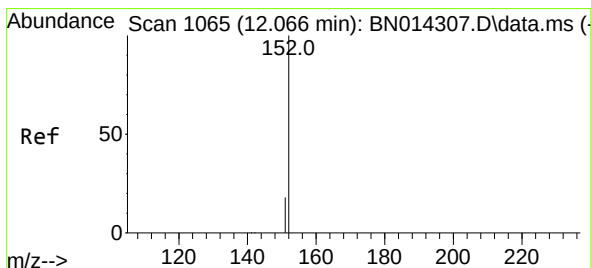
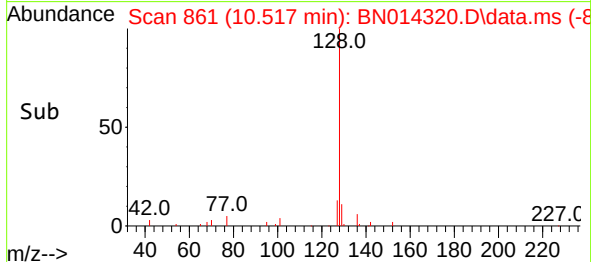
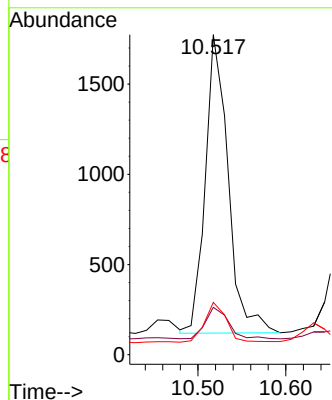
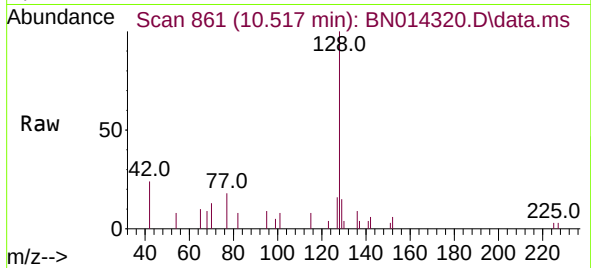




#9
Naphthalene
Concen: 0.04 ng
RT: 10.517 min Scan# 861
Delta R.T. -0.000 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

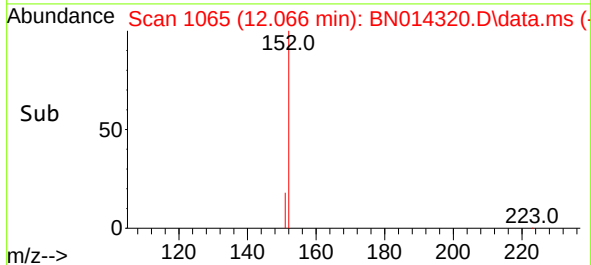
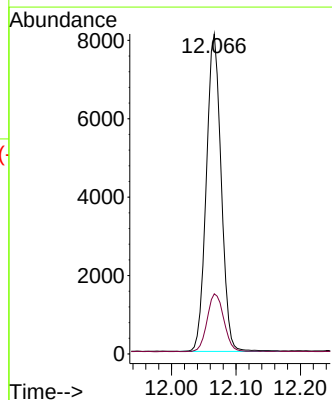
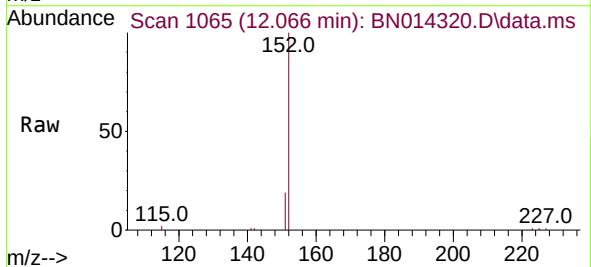
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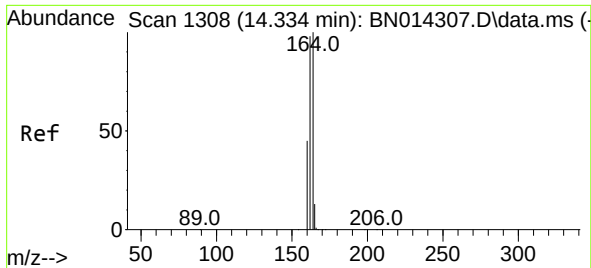
Tgt Ion:128 Resp: 2993
Ion Ratio Lower Upper
128 100
129 14.8 9.0 13.4#
127 16.3 10.7 16.1#



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.066 min Scan# 1065
Delta R.T. -0.000 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

Tgt Ion:152 Resp: 12937
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4

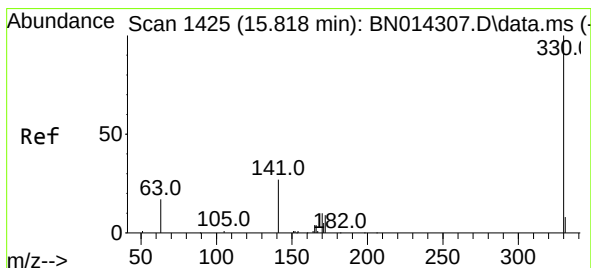
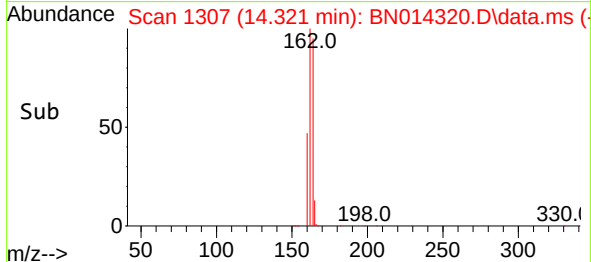
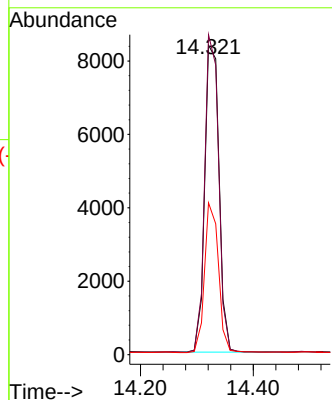
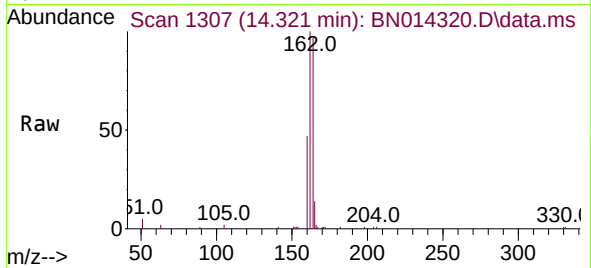




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.013 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

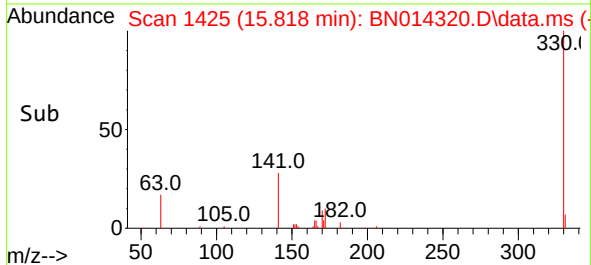
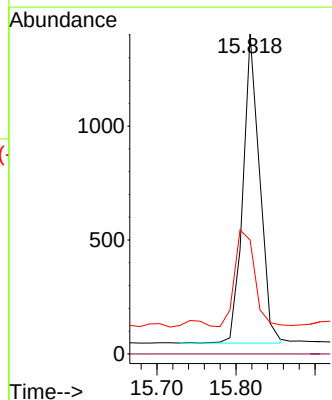
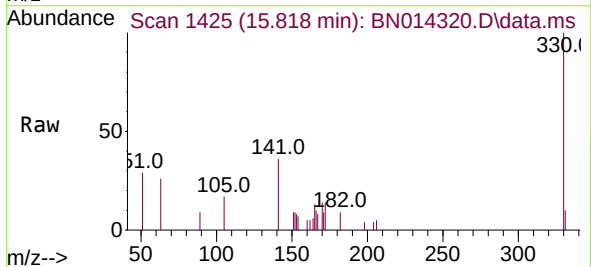
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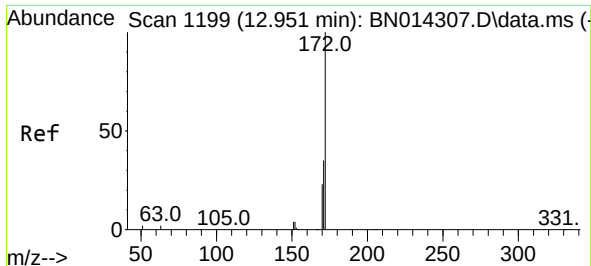
Tgt Ion:164 Resp: 14787
Ion Ratio Lower Upper
164 100
162 103.4 78.6 117.8
160 49.1 36.2 54.4



#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

Tgt Ion:330 Resp: 1992
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.3 28.8 43.2

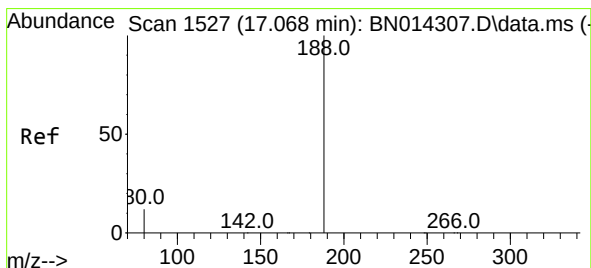
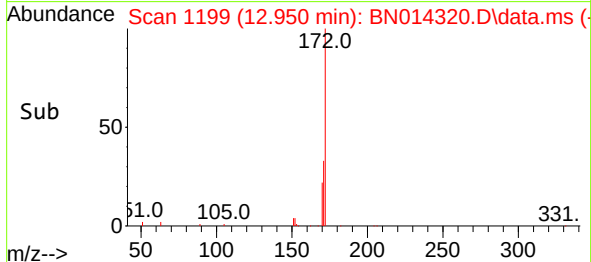
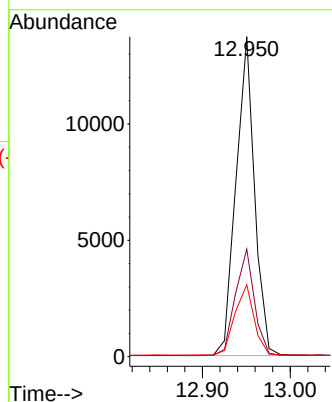
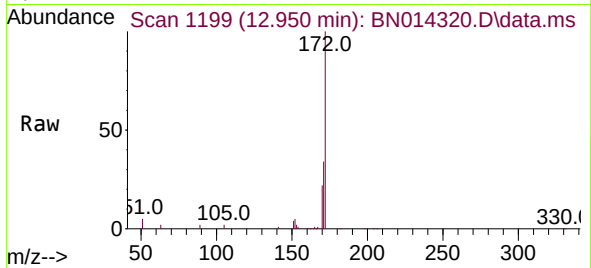




#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.950 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

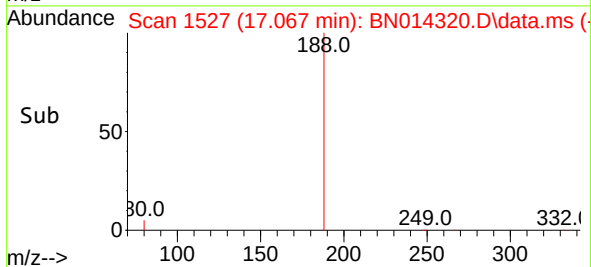
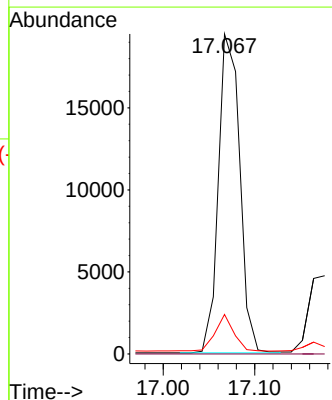
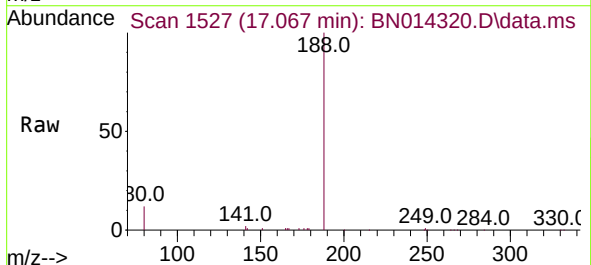
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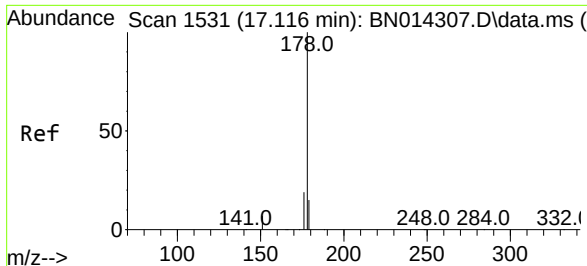
Tgt Ion:172	Resp:	20018
Ion Ratio	Lower	Upper
172	100	
171	33.6	27.9 41.9
170	22.5	18.8 28.2



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.001 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

Tgt Ion:188	Resp:	31508
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	12.4	10.2 15.4

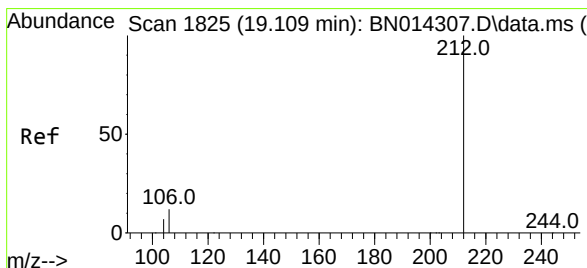
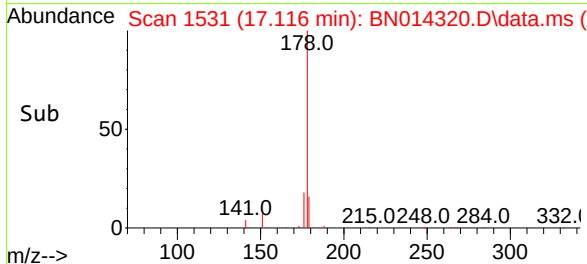
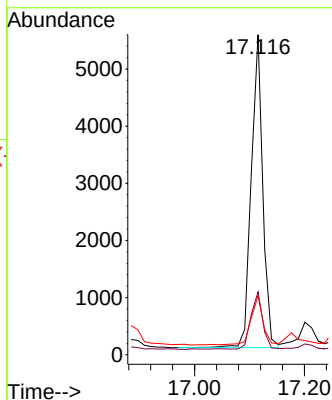
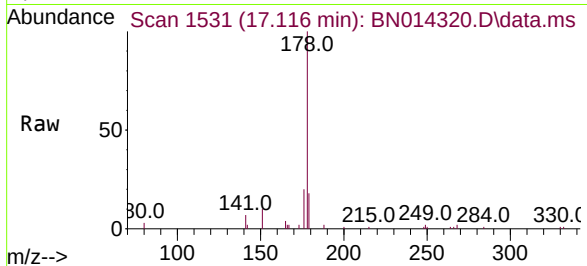




#25
Phenanthrene
Concen: 0.09 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.001 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

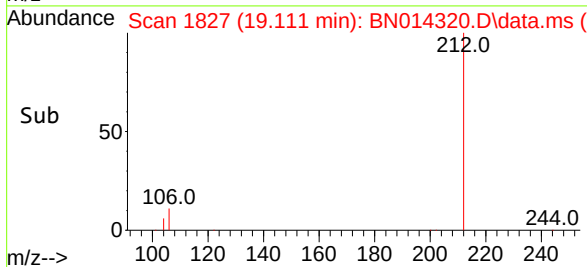
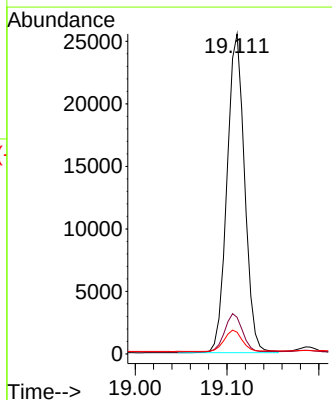
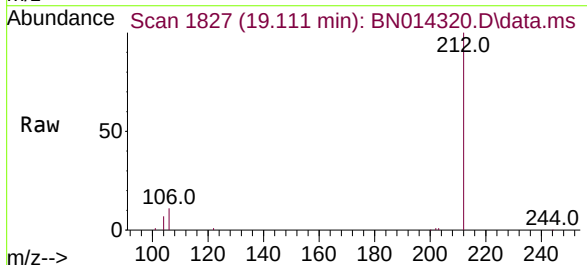
Instrument :
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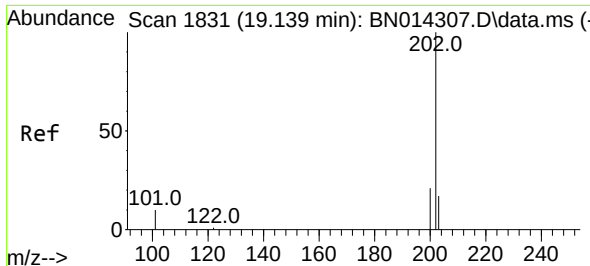
Tgt Ion:	178	Resp:	8007
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.3	22.9
179	15.9	12.2	18.4



#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.111 min Scan# 1827
Delta R.T. 0.002 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

Tgt Ion:	212	Resp:	33923
Ion Ratio	Lower	Upper	
212	100		
106	12.2	9.7	14.5
104	6.8	5.5	8.3

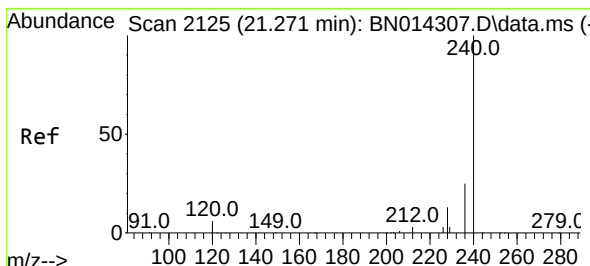
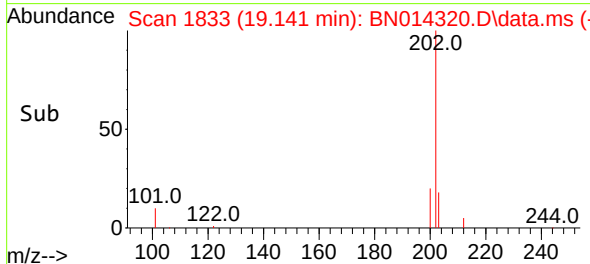
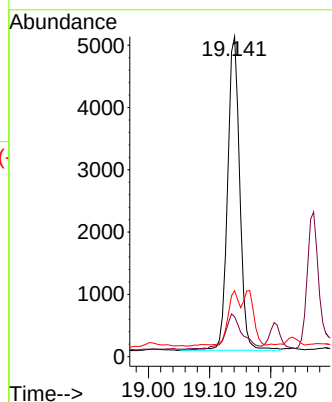
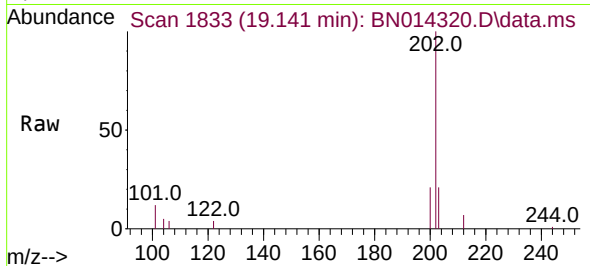




#28
Fluoranthene
Concen: 0.07 ng
RT: 19.141 min Scan# 1833
Delta R.T. 0.002 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

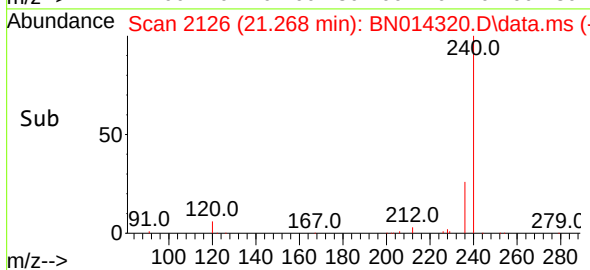
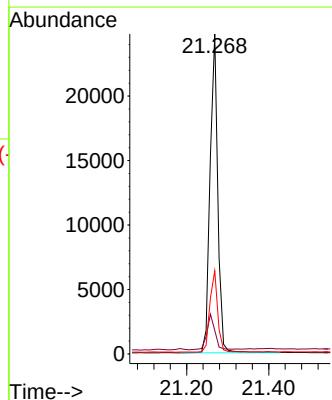
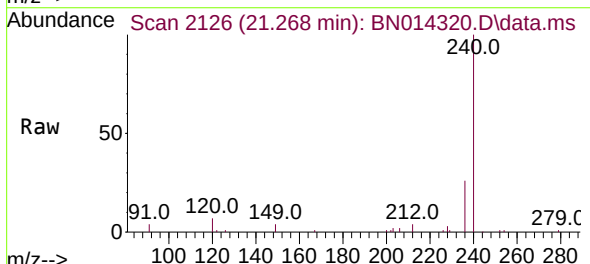
Instrument :
BNA_N
ClientSampleId :
GWBR1-225-250-041521

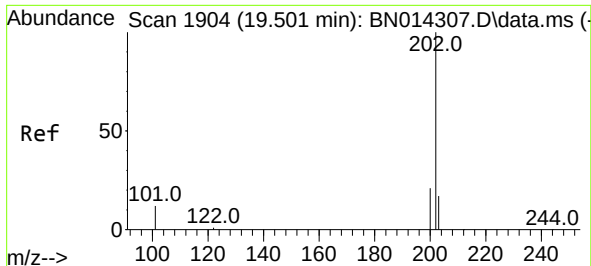
Tgt Ion:202 Resp: 6909
Ion Ratio Lower Upper
202 100
101 15.2 8.3 12.5#
203 17.2 13.8 20.6



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.268 min Scan# 2126
Delta R.T. -0.003 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

Tgt Ion:240 Resp: 32397
Ion Ratio Lower Upper
240 100
120 7.4 5.4 8.0
236 26.0 20.4 30.6

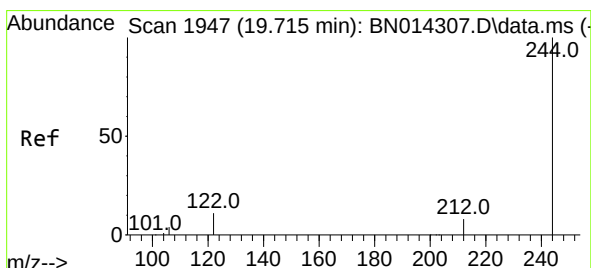
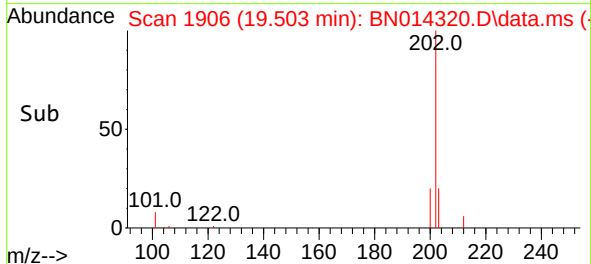
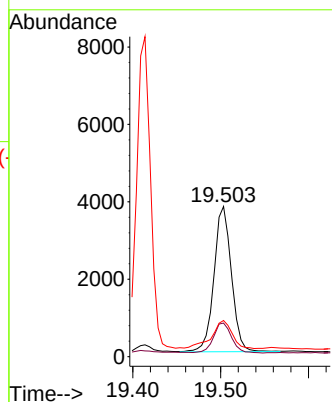
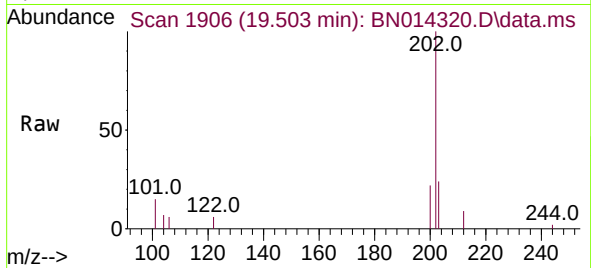




#30
 Pyrene
 Concen: 0.06 ng
 RT: 19.503 min Scan# 1906
 Delta R.T. 0.002 min
 Lab File: BN014320.D
 Acq: 16 Apr 2021 21:23

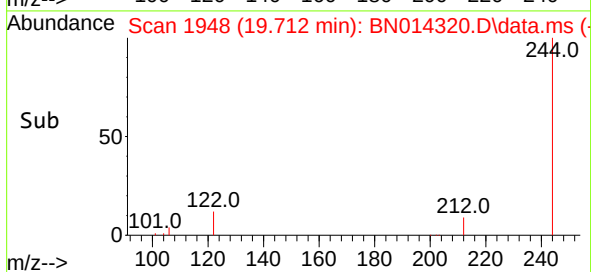
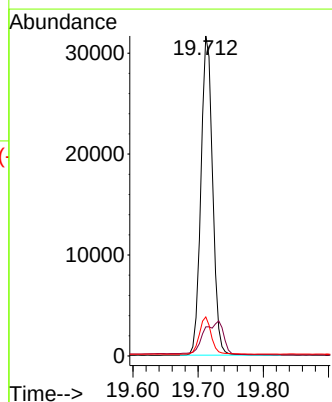
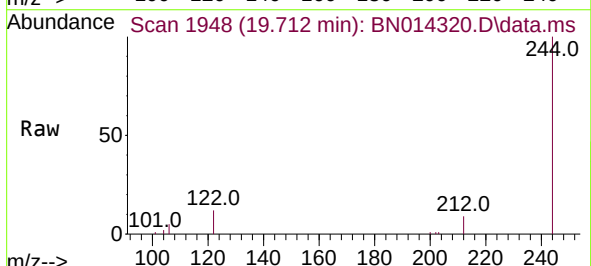
Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-225-250-041521

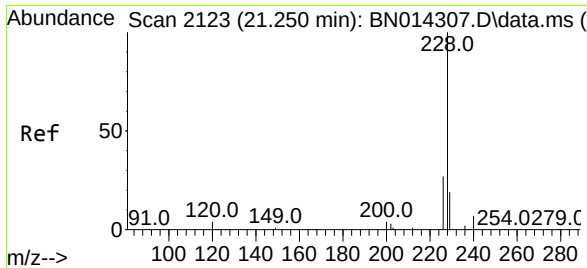
Tgt Ion:202 Resp: 5177
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.6 24.8
 203 22.1 14.0 21.0#



#31
 Terphenyl-d14
 Concen: 0.58 ng
 RT: 19.712 min Scan# 1948
 Delta R.T. -0.003 min
 Lab File: BN014320.D
 Acq: 16 Apr 2021 21:23

Tgt Ion:244 Resp: 39505
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.2 9.4
 122 12.2 9.0 13.6

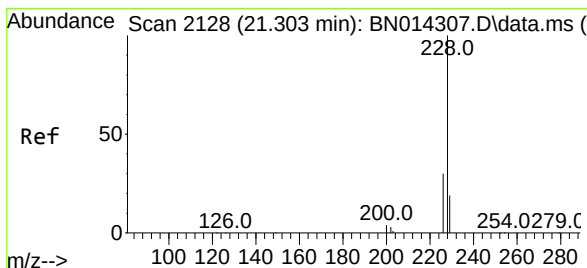
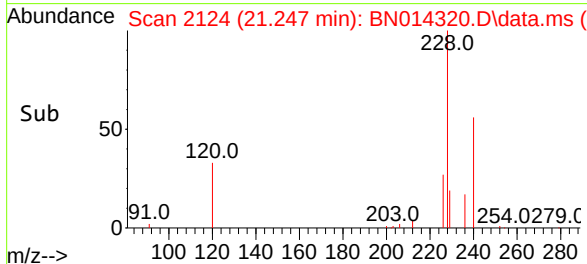
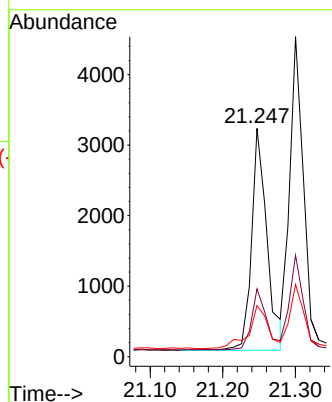
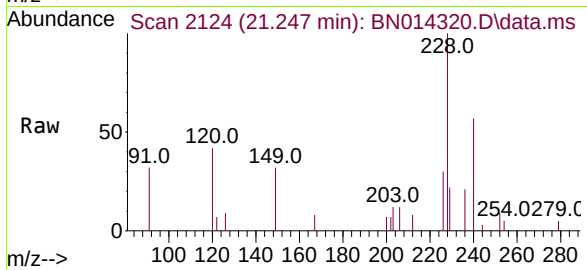




#32
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.003 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

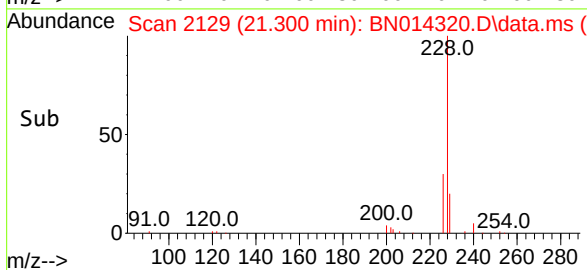
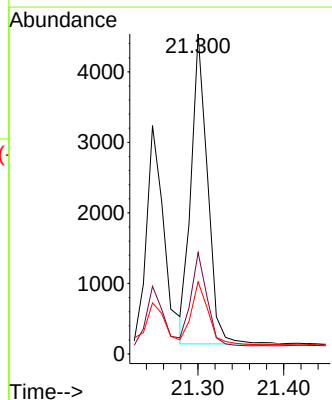
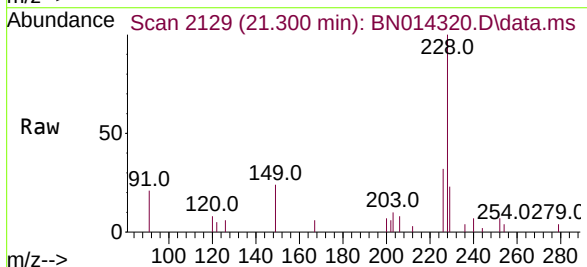
Instrument :
BNA_N
ClientSampleId :
GWBR1-225-250-041521

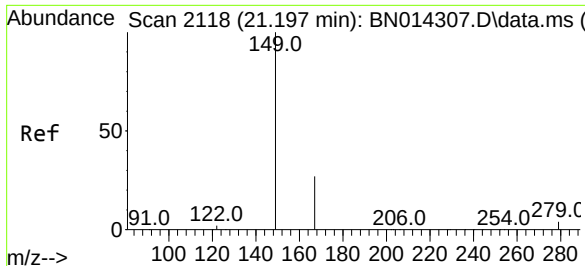
Tgt Ion:228 Resp: 4651
Ion Ratio Lower Upper
228 100
226 29.6 21.7 32.5
229 22.4 15.7 23.5



#33
Chrysene
Concen: 0.06 ng
RT: 21.300 min Scan# 2129
Delta R.T. -0.003 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

Tgt Ion:228 Resp: 5826
Ion Ratio Lower Upper
228 100
226 31.7 23.8 35.6
229 22.6 15.6 23.4

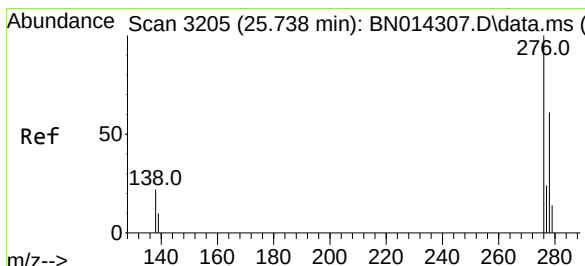
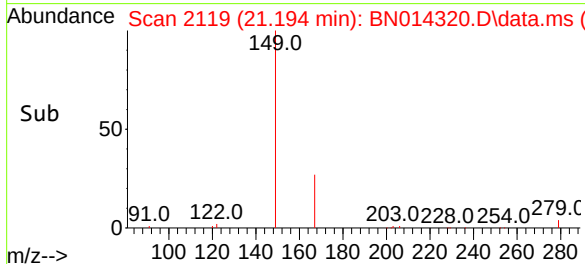
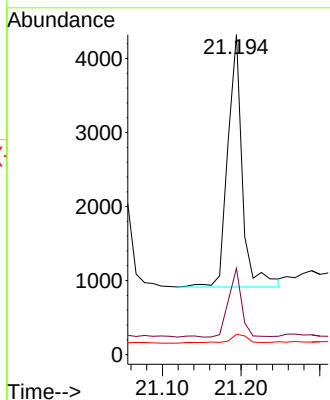
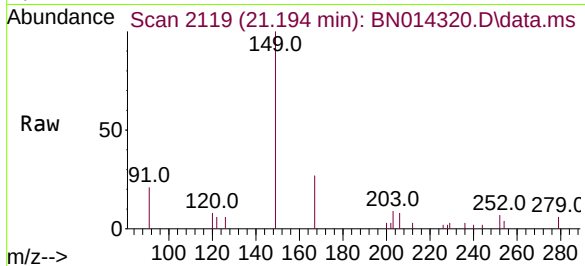




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.18 ng
 RT: 21.194 min Scan# 2119
 Delta R.T. -0.003 min
 Lab File: BN014320.D
 Acq: 16 Apr 2021 21:23

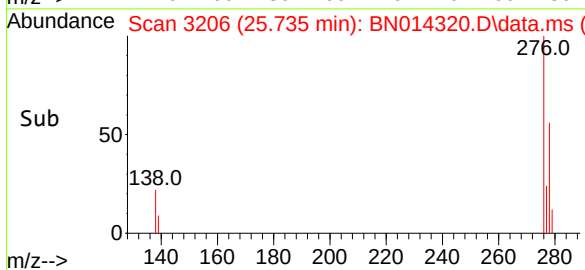
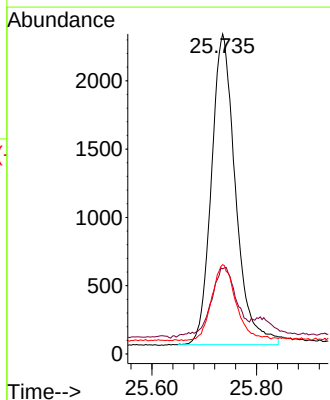
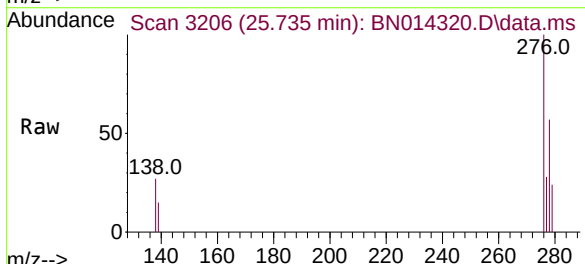
Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-225-250-041521

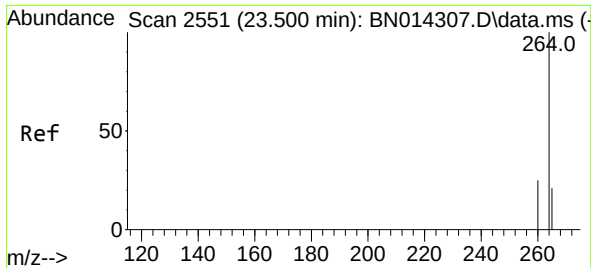
Tgt Ion:149 Resp: 4360
 Ion Ratio Lower Upper
 149 100
 167 24.5 21.0 31.4
 279 4.6 3.3 4.9



#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.06 ng
 RT: 25.735 min Scan# 3206
 Delta R.T. -0.003 min
 Lab File: BN014320.D
 Acq: 16 Apr 2021 21:23

Tgt Ion:276 Resp: 7272
 Ion Ratio Lower Upper
 276 100
 138 24.0 18.3 27.5
 277 24.7 19.9 29.9

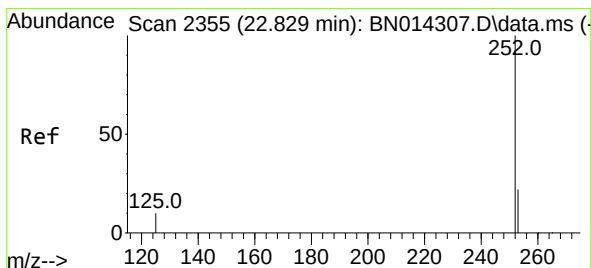
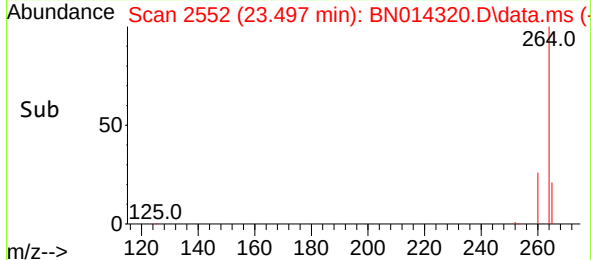
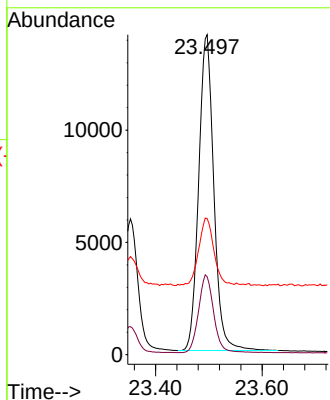
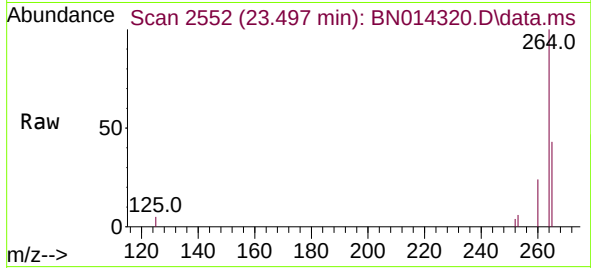




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.497 min Scan# 2552
 Delta R.T. -0.003 min
 Lab File: BN014320.D
 Acq: 16 Apr 2021 21:23

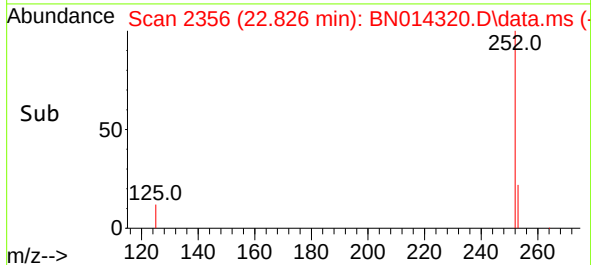
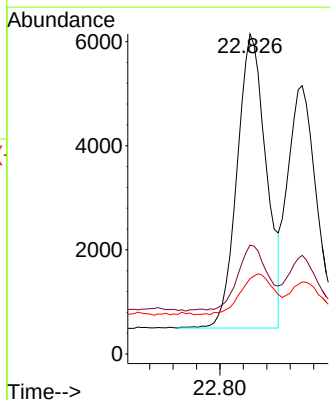
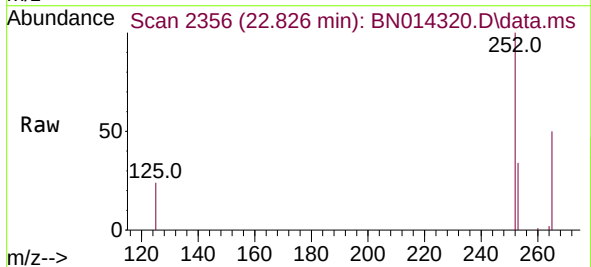
Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-225-250-041521

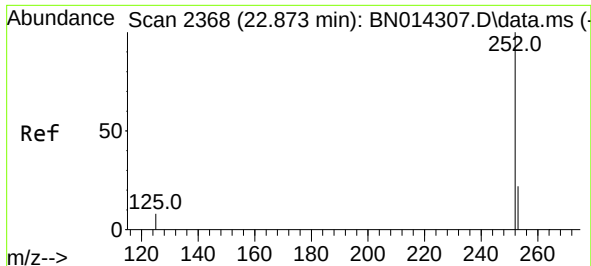
Tgt Ion:264 Resp: 27729
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.0 30.0
 265 42.6 37.8 56.8



#37
 Benzo(b)fluoranthene
 Concen: 0.08 ng
 RT: 22.826 min Scan# 2356
 Delta R.T. -0.003 min
 Lab File: BN014320.D
 Acq: 16 Apr 2021 21:23

Tgt Ion:252 Resp: 9754
 Ion Ratio Lower Upper
 252 100
 253 34.0 19.0 28.6#
 125 23.6 9.3 13.9#

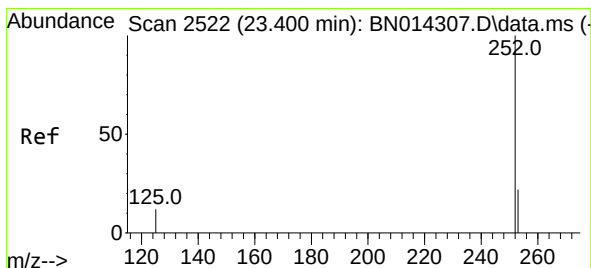
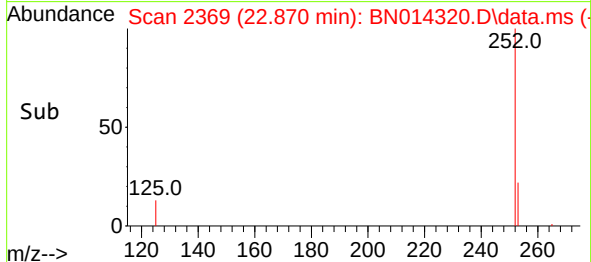
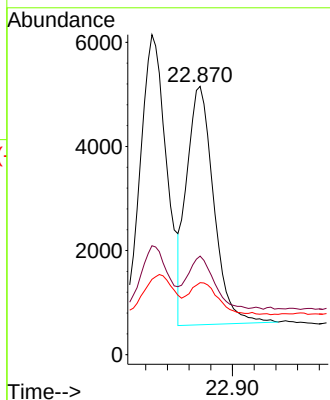
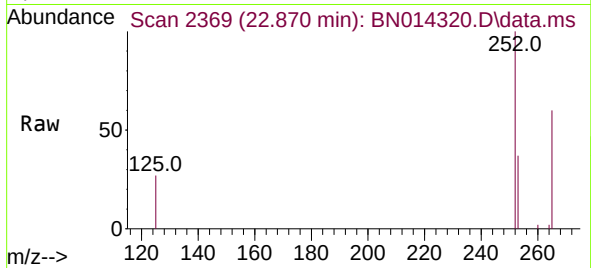




#38
Benzo(k)fluoranthene
Concen: 0.07 ng
RT: 22.870 min Scan# 2369
Delta R.T. -0.003 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

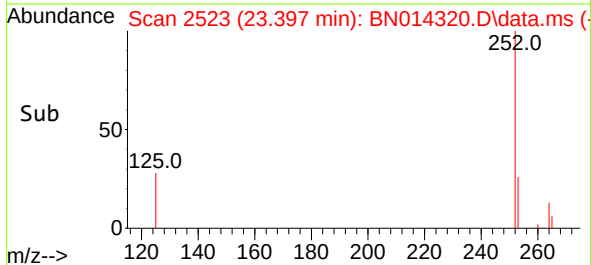
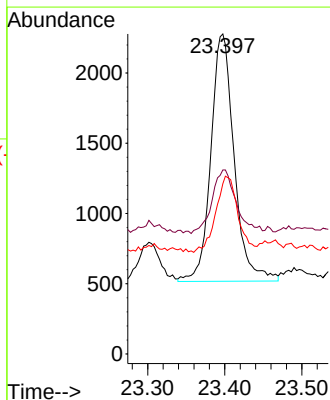
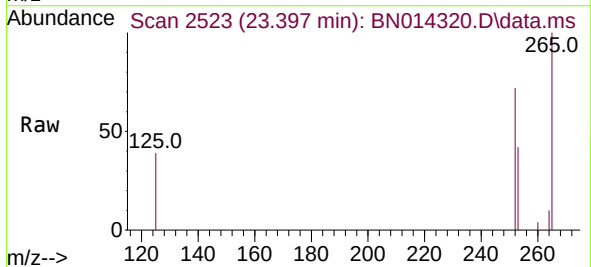
Instrument :
BNA_N
ClientSampleId :
GWBR1-225-250-041521

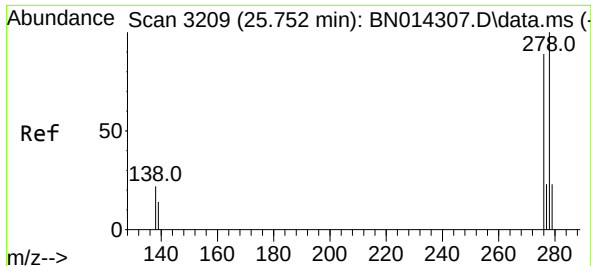
Tgt Ion:252 Resp: 7938
Ion Ratio Lower Upper
252 100
253 36.7 19.1 28.7#
125 26.8 9.1 13.7#



#39
Benzo(a)pyrene
Concen: 0.04 ng
RT: 23.397 min Scan# 2523
Delta R.T. -0.003 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

Tgt Ion:252 Resp: 3697
Ion Ratio Lower Upper
252 100
253 57.5 20.2 30.2#
125 53.2 12.4 18.6#

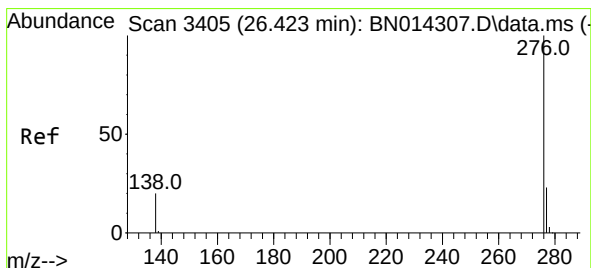
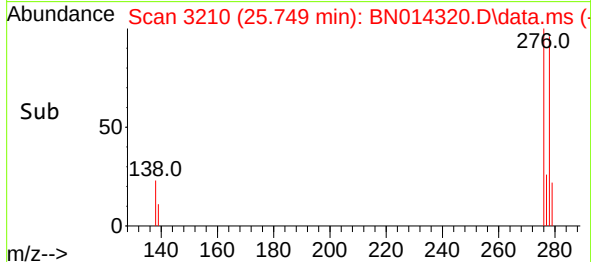
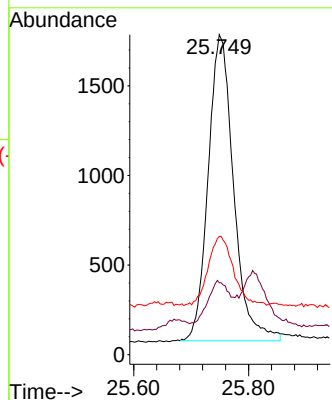
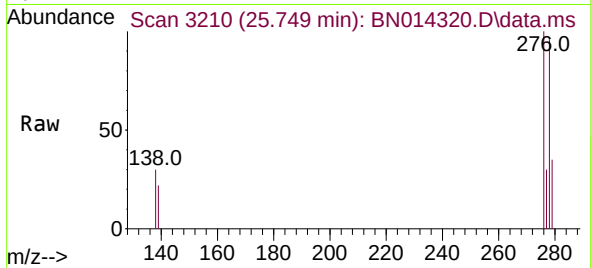




#40
Dibenzo(a,h)anthracene
Concen: 0.05 ng
RT: 25.749 min Scan# 3210
Delta R.T. -0.003 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

Instrument :
BNA_N
ClientSampleId :
GWBR1-225-250-041521

Tgt Ion:278 Resp: 5255
Ion Ratio Lower Upper
278 100
139 22.5 12.8 19.2#
279 37.0 20.0 30.0#



#41
Benzo(g,h,i)perylene
Concen: 0.06 ng
RT: 26.420 min Scan# 3406
Delta R.T. -0.003 min
Lab File: BN014320.D
Acq: 16 Apr 2021 21:23

Tgt Ion:276 Resp: 6314
Ion Ratio Lower Upper
276 100
277 27.7 18.9 28.3
138 25.1 16.6 24.8#

