

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041621\
 Data File : BN014319.D
 Acq On : 16 Apr 2021 20:47
 Operator : CG/JU
 Sample : M2061-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-225-250-041521

Quant Time: Apr 17 02:53:42 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)

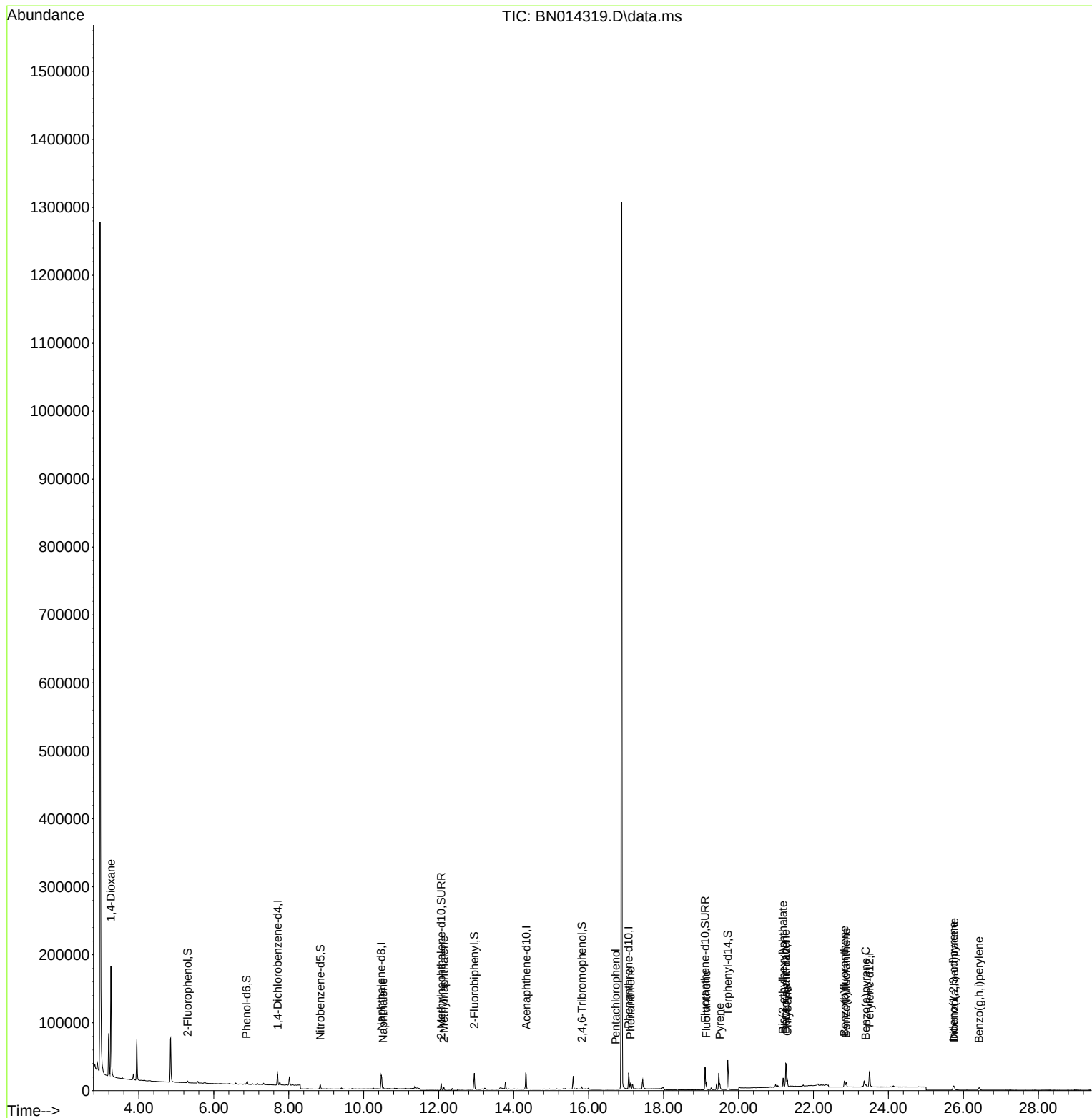
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	7593	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	28629	0.40	ng	#-0.01
13) Acenaphthene-d10	14.334	164	15642	0.40	ng	0.00
19) Phenanthrene-d10	17.068	188	33565	0.40	ng	0.00
29) Chrysene-d12	21.271	240	34716	0.40	ng	0.00
36) Perylene-d12	23.496	264	29661	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1983	0.12	ng	0.00
5) Phenol-d6	6.871	99	1433	0.07	ng	0.00
8) Nitrobenzene-d5	8.845	82	5789	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.066	152	13120	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	2207	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.951	172	20304	0.33	ng	0.00
27) Fluoranthene-d10	19.109	212	37006	0.40	ng	0.00
31) Terphenyl-d14	19.715	244	42849	0.59	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.255	88	104050	10.79	ng	93
9) Naphthalene	10.518	128	2761	0.04	ng	# 92
12) 2-Methylnaphthalene	12.137	142	2946	0.06	ng	97
24) Pentachlorophenol	16.727	266	134	0.02	ng	92
25) Phenanthrene	17.116	178	7944	0.08	ng	99
28) Fluoranthene	19.139	202	9038	0.09	ng	# 87
30) Pyrene	19.501	202	7445	0.08	ng	# 95
32) Benzo(a)anthracene	21.250	228	5657	0.06	ng	95
33) Chrysene	21.303	228	7917	0.07	ng	96
34) Bis(2-ethylhexyl)phtha...	21.186	149	13859	0.53	ng	100
35) Indeno(1,2,3-cd)pyrene	25.735	276	8474	0.06	ng	97
37) Benzo(b)fluoranthene	22.825	252	11756	0.09	ng	# 80
38) Benzo(k)fluoranthene	22.870	252	8711	0.07	ng	# 73
39) Benzo(a)pyrene	23.397	252	4724	0.05	ng	# 46
40) Dibenzo(a,h)anthracene	25.752	278	5771	0.05	ng	# 82
41) Benzo(g,h,i)perylene	26.419	276	7919	0.07	ng	# 91

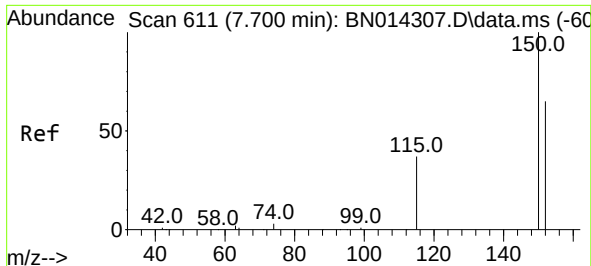
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 16 16:29:41 2021
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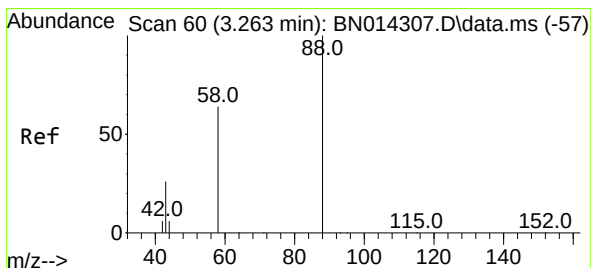
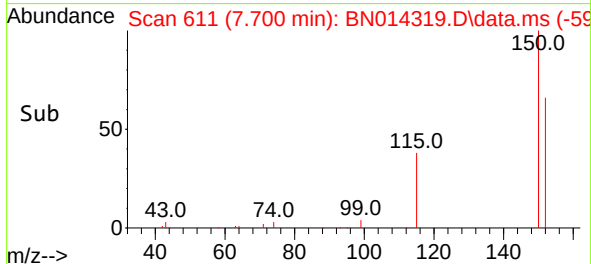
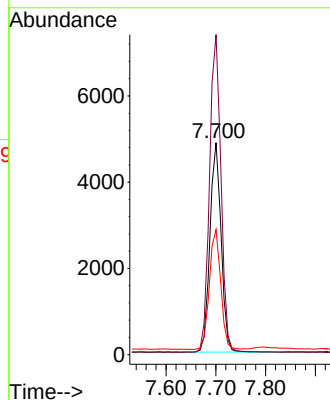
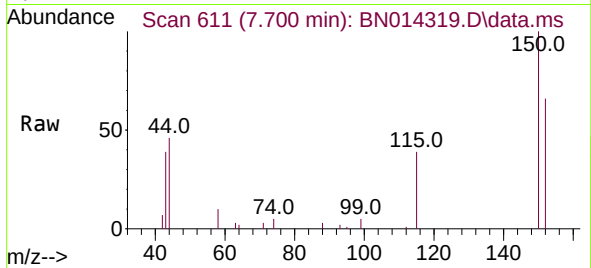




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014319.D
 Acq: 16 Apr 2021 20:47

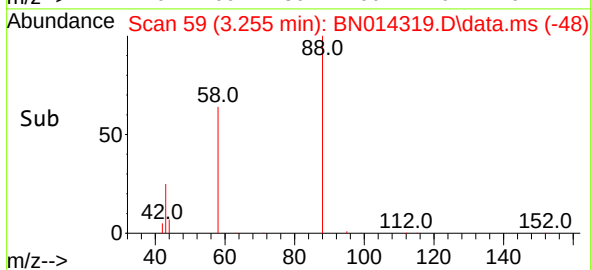
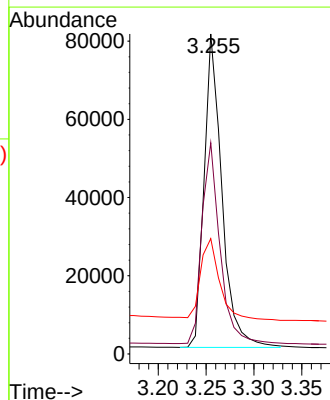
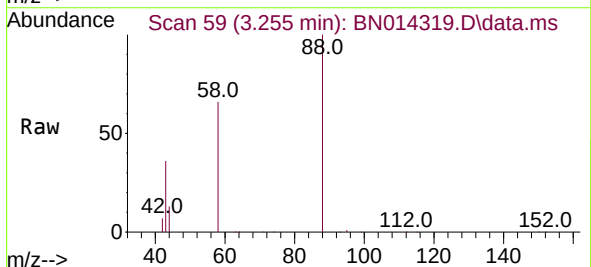
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-225-250-041521

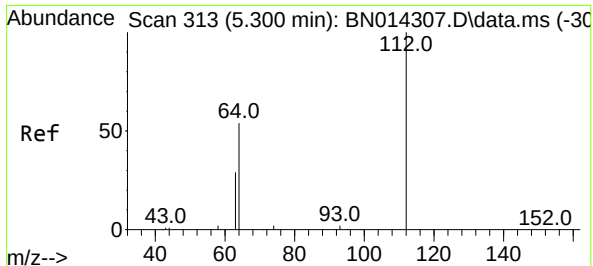
Tgt Ion: 152 Resp: 7593
 Ion Ratio Lower Upper
 152 100
 150 150.9 123.0 184.4
 115 59.0 47.6 71.4



#2
 1,4-Dioxane
 Concen: 10.79 ng
 RT: 3.255 min Scan# 59
 Delta R.T. -0.008 min
 Lab File: BN014319.D
 Acq: 16 Apr 2021 20:47

Tgt Ion: 88 Resp: 104050
 Ion Ratio Lower Upper
 88 100
 58 64.8 47.3 70.9
 43 28.5 20.6 31.0

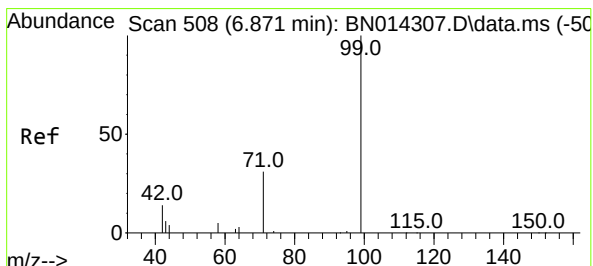
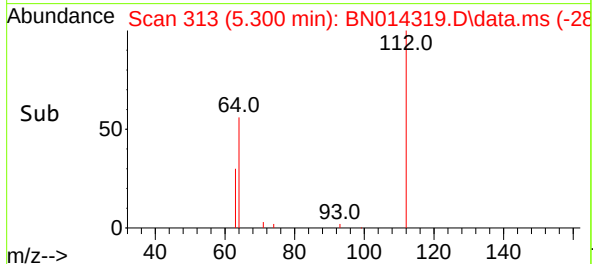
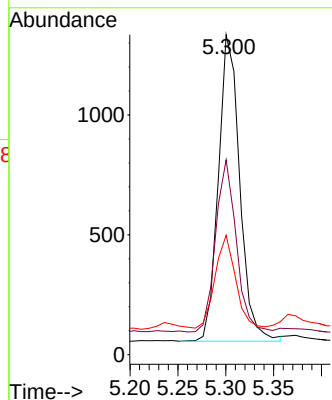
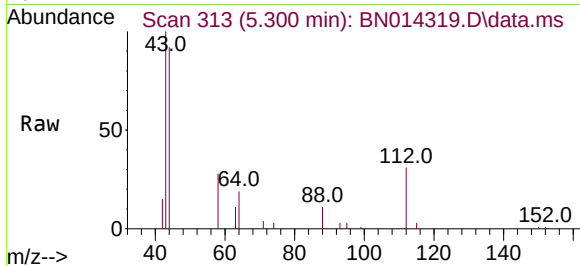




#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.300 min Scan# 313
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

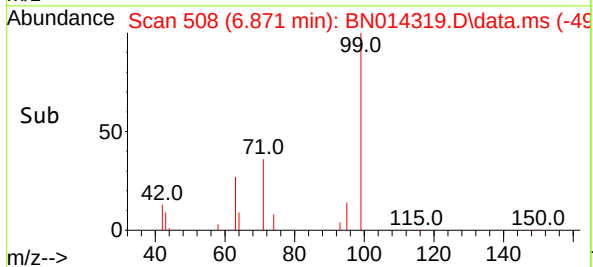
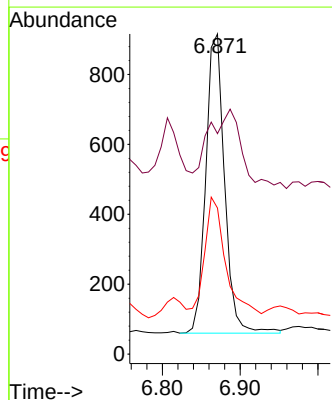
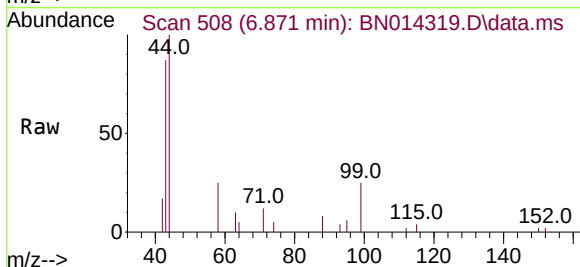
Instrument :
BNA_N
ClientSampleId :
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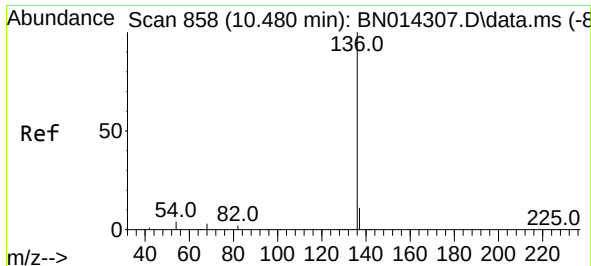
Tgt Ion:112 Resp: 1983
Ion Ratio Lower Upper
112 100
64 54.2 43.7 65.5
63 29.8 23.8 35.8



#5
Phenol-d6
Concen: 0.07 ng
RT: 6.871 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

Tgt Ion: 99 Resp: 1433
Ion Ratio Lower Upper
99 100
42 0.0 15.7 23.5#
71 44.0 27.6 41.4#

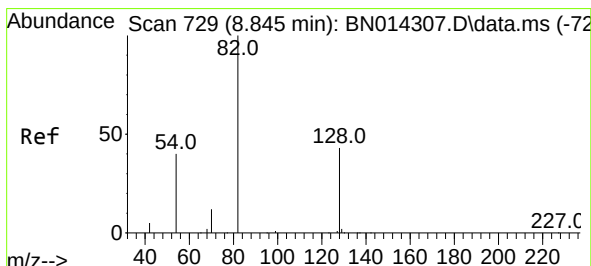
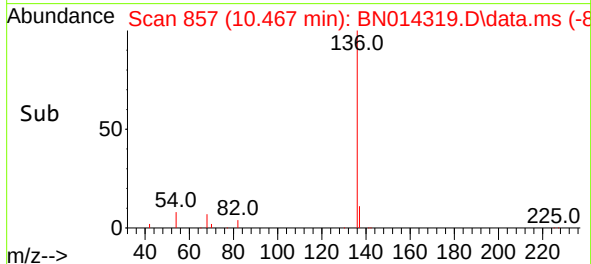
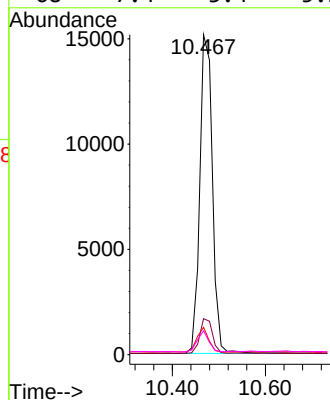
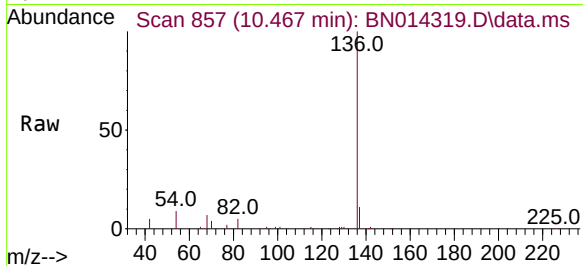




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.013 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

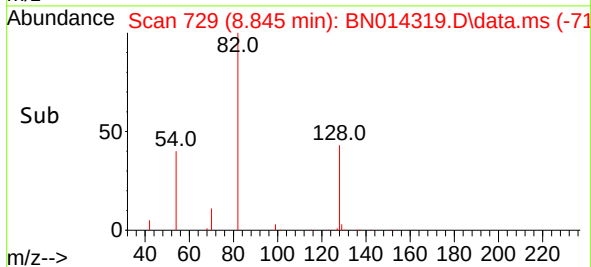
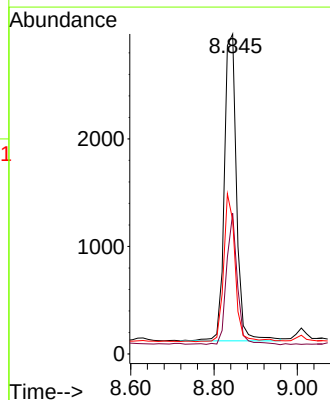
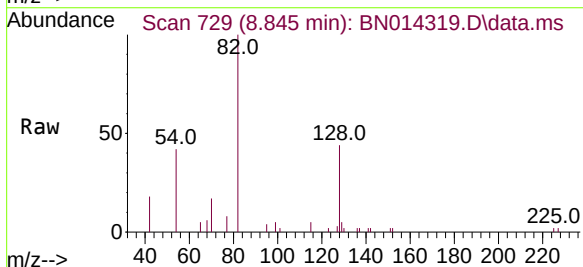
Instrument :
BNA_N
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GWBR3-225-250-041521

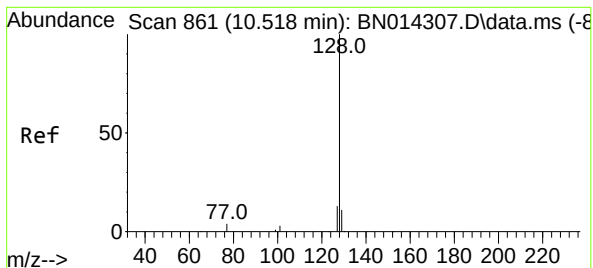
Tgt Ion:136	Resp:	28629
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.6
54	8.5	3.5 5.3#
68	7.4	3.4 5.2#



#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.845 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

Tgt Ion: 82	Resp:	5789
Ion Ratio	Lower	Upper
82	100	
128	44.0	35.3 52.9
54	41.8	33.4 50.2

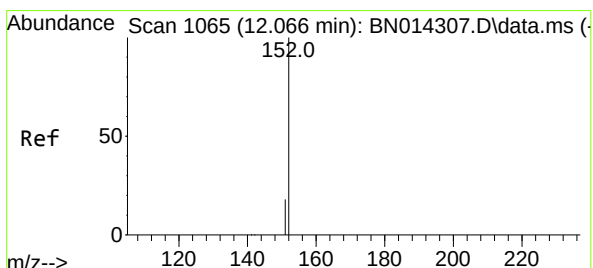
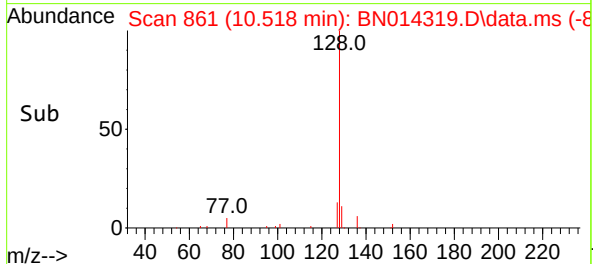
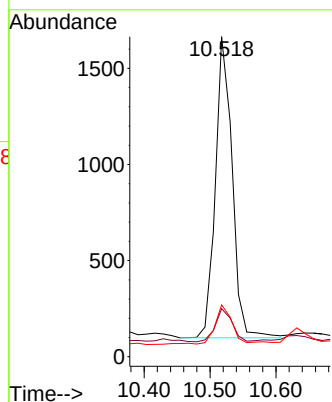
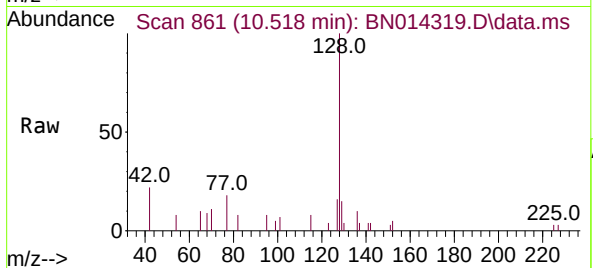




#9
Naphthalene
Concen: 0.04 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

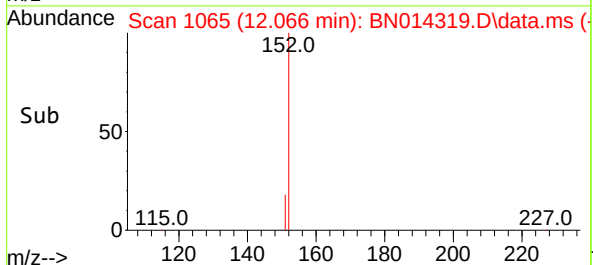
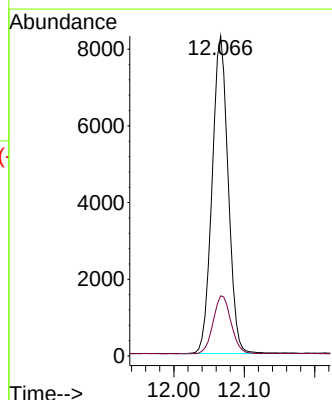
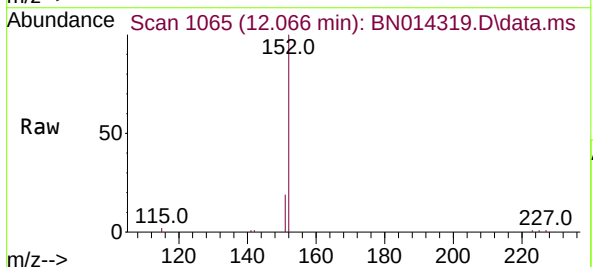
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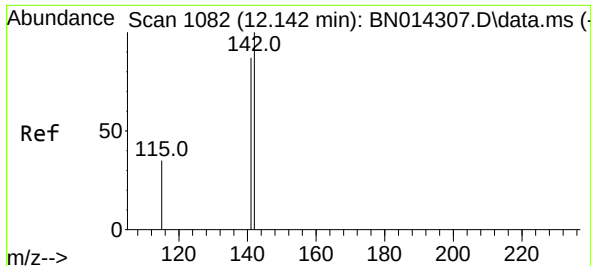
Tgt Ion:128 Resp: 2761
Ion Ratio Lower Upper
128 100
129 15.0 9.0 13.4#
127 16.2 10.7 16.1#



#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.066 min Scan# 1065
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

Tgt Ion:152 Resp: 13120
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4

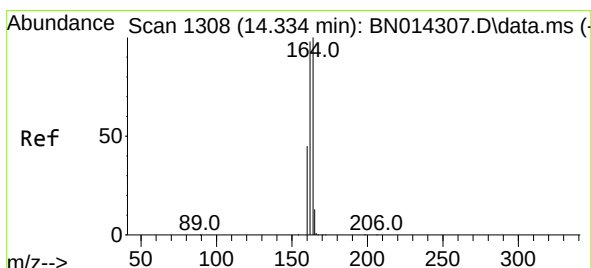
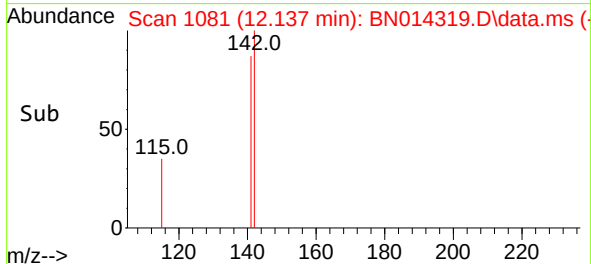
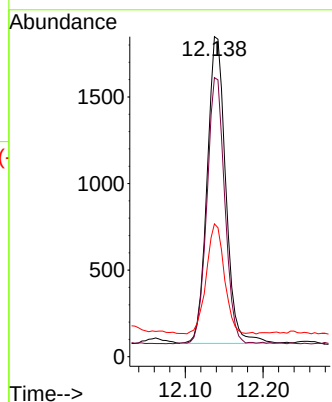
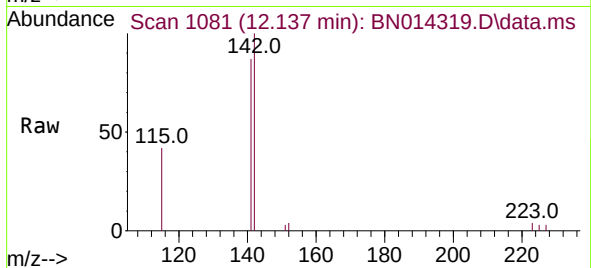




#12
2-Methylnaphthalene
Concen: 0.06 ng
RT: 12.137 min Scan# 1081
Delta R.T. -0.005 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

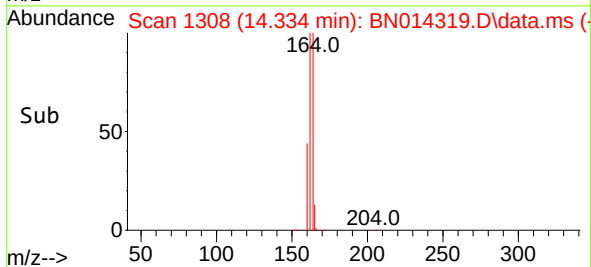
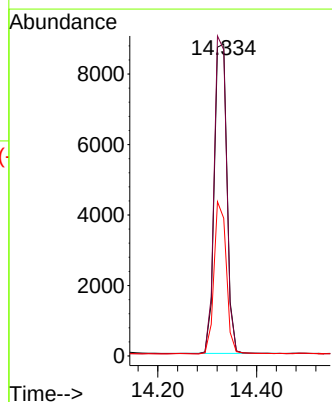
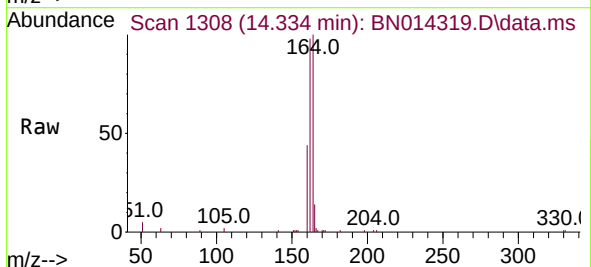
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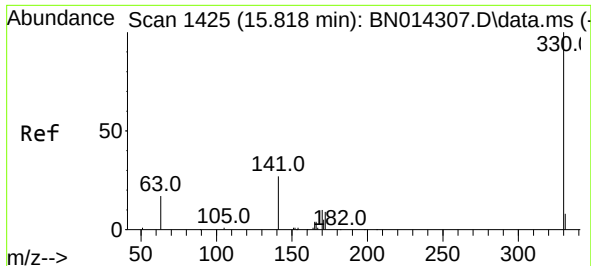
Tgt Ion:	142	Resp:	2946
Ion Ratio	Lower	Upper	
142	100		
141	87.2	70.0	105.0
115	41.5	28.8	43.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.334 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

Tgt Ion:	164	Resp:	15642
Ion Ratio	Lower	Upper	
164	100		
162	98.2	78.6	117.8
160	44.2	36.2	54.4

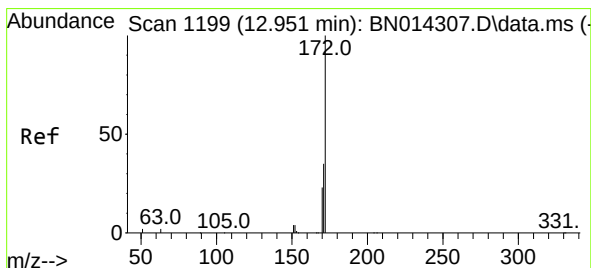
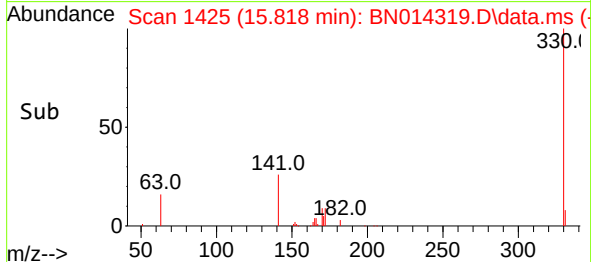
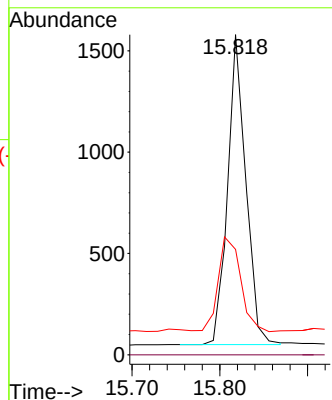
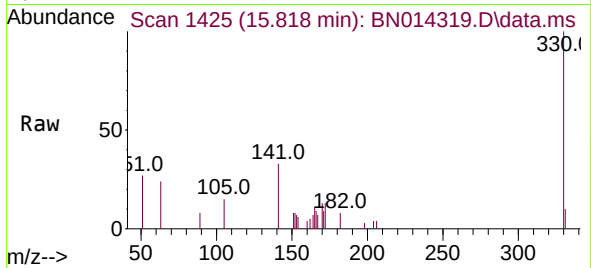




#14
2,4,6-Tribromophenol
Concen: 0.39 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

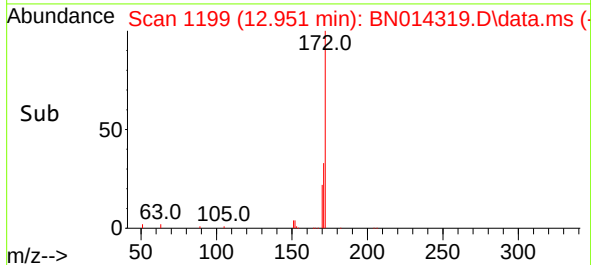
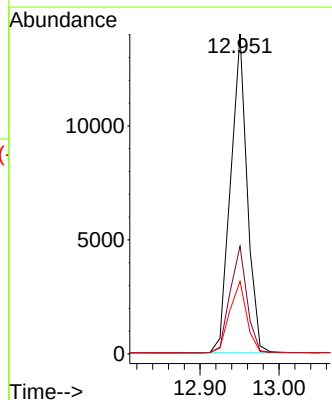
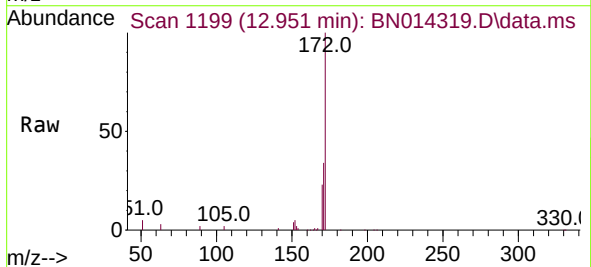
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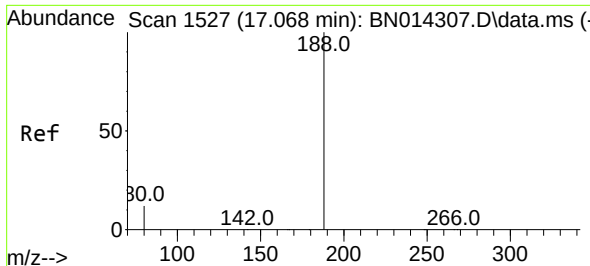
Tgt Ion:330 Resp: 2207
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.6 28.8 43.2



#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.951 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

Tgt Ion:172 Resp: 20304
Ion Ratio Lower Upper
172 100
171 33.7 27.9 41.9
170 22.7 18.8 28.2

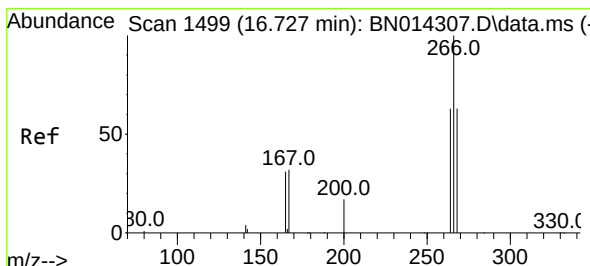
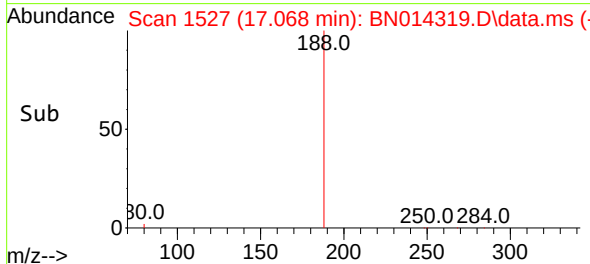
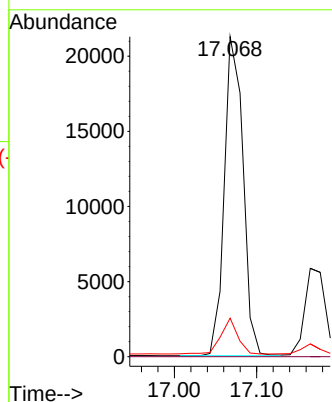
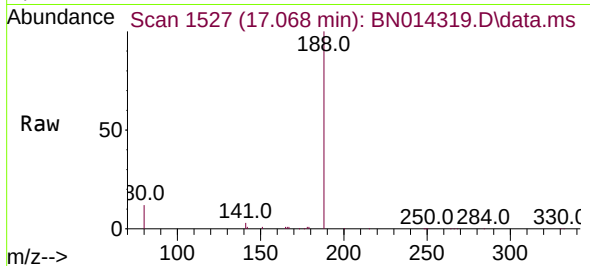




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.068 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

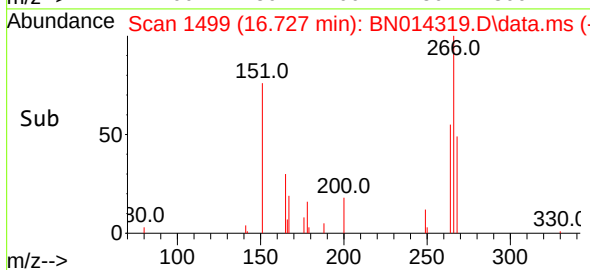
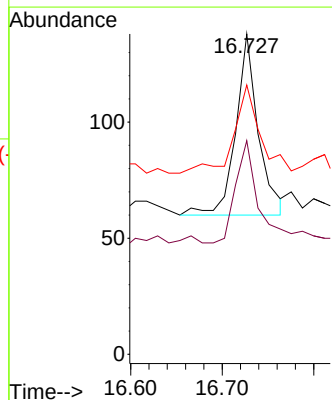
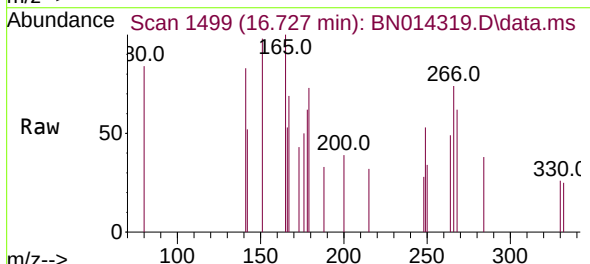
Instrument :
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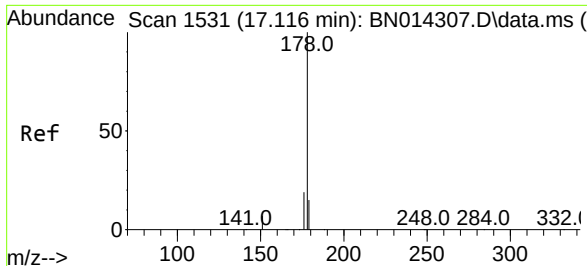
Tgt Ion:188	Resp:	33565
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	12.0	10.2



#24
Pentachlorophenol
Concen: 0.02 ng
RT: 16.727 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

Tgt Ion:266	Resp:	134
Ion Ratio	Lower	Upper
266	100	
264	56.7	49.8
268	56.0	50.7

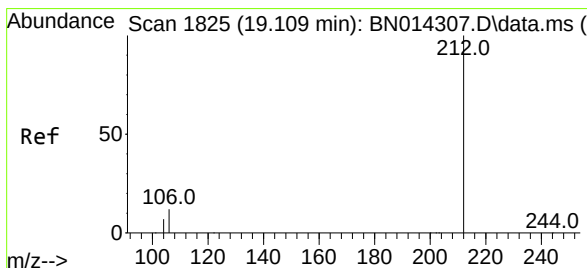
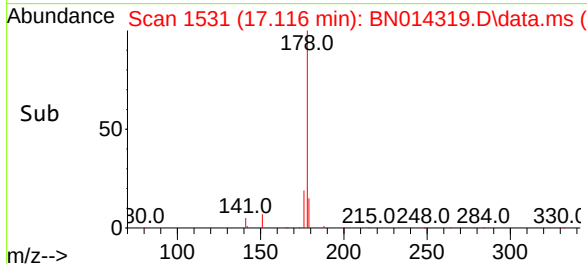
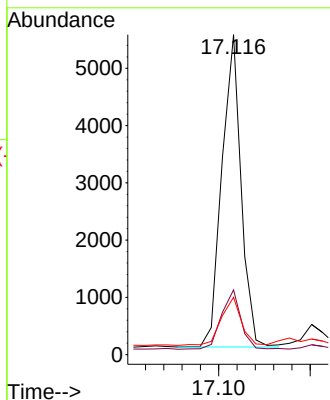
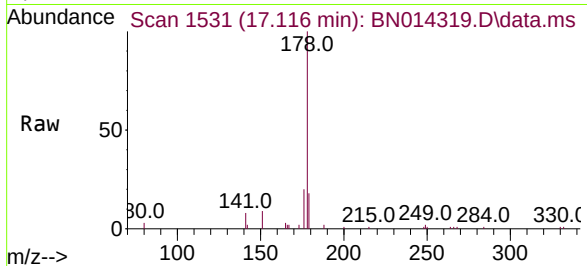




#25
Phenanthrene
Concen: 0.08 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

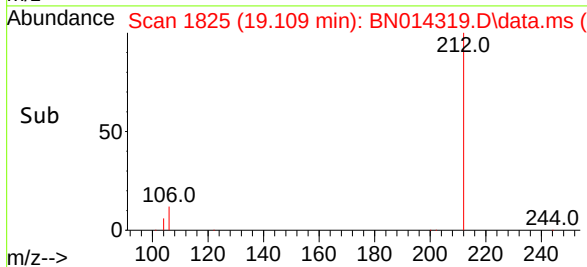
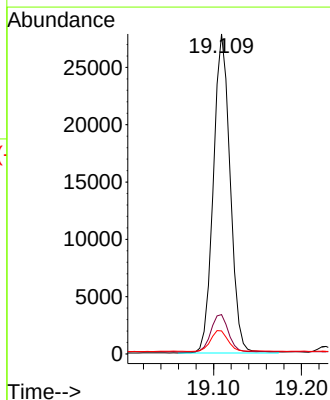
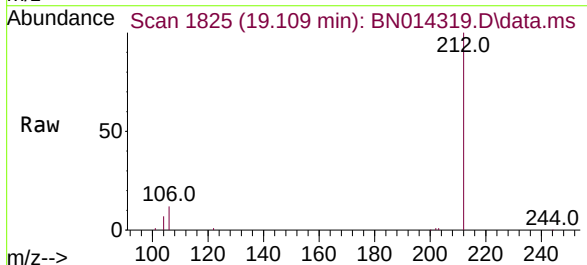
Instrument :
BNA_N
ClientSampleId :
GWBR3-225-250-041521

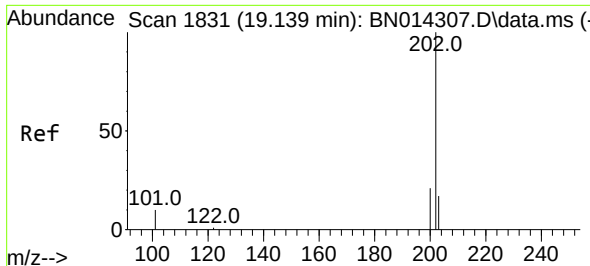
Tgt Ion:	178	Resp:	7944
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.3	22.9
179	16.0	12.2	18.4



#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.109 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

Tgt Ion:	212	Resp:	37006
Ion Ratio	Lower	Upper	
212	100		
106	12.0	9.7	14.5
104	6.6	5.5	8.3

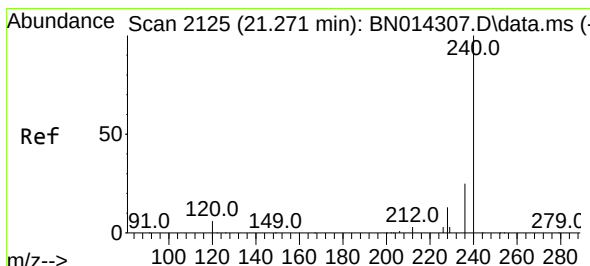
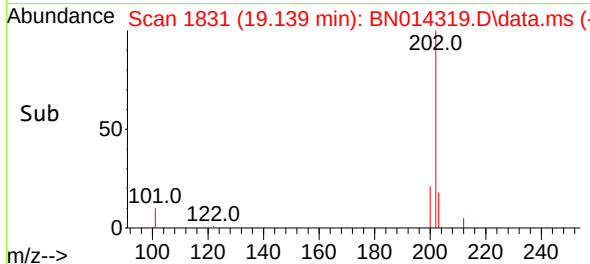
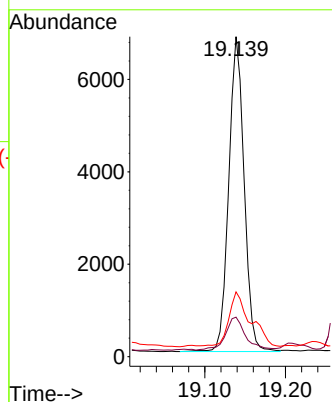
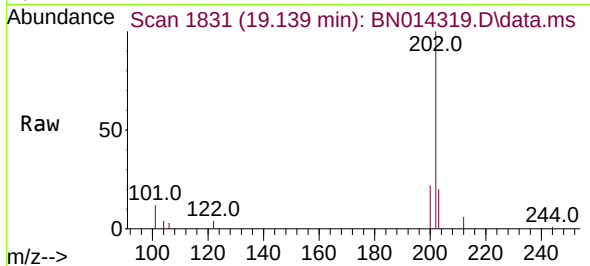




#28
Fluoranthene
Concen: 0.09 ng
RT: 19.139 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

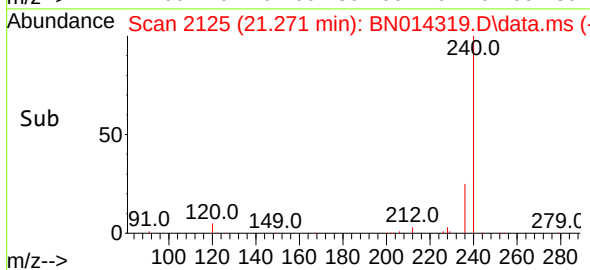
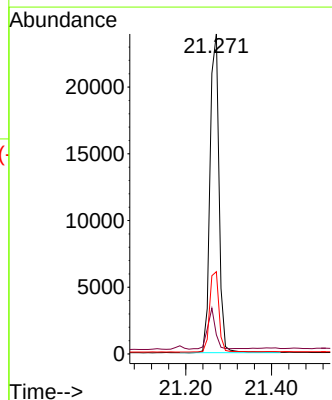
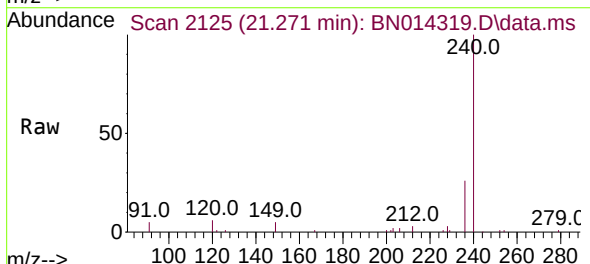
Instrument :
BNA_N
ClientSampleId :
GWBR3-225-250-041521

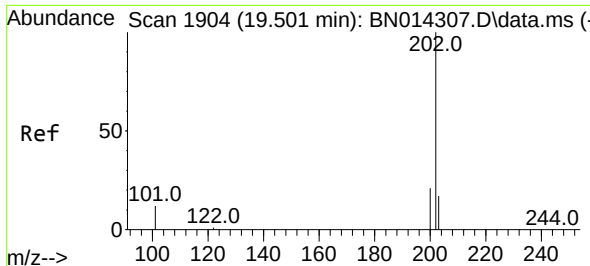
Tgt Ion:202 Resp: 9038
Ion Ratio Lower Upper
202 100
101 13.6 8.3 12.5#
203 24.2 13.8 20.6#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

Tgt Ion:240 Resp: 34716
Ion Ratio Lower Upper
240 100
120 6.0 5.4 8.0
236 25.7 20.4 30.6

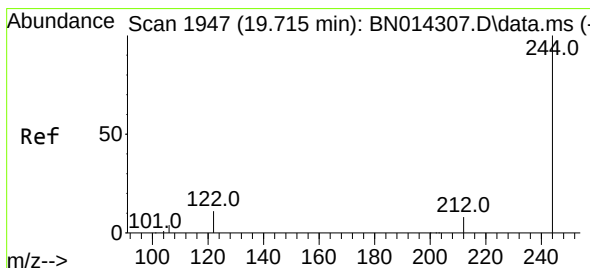
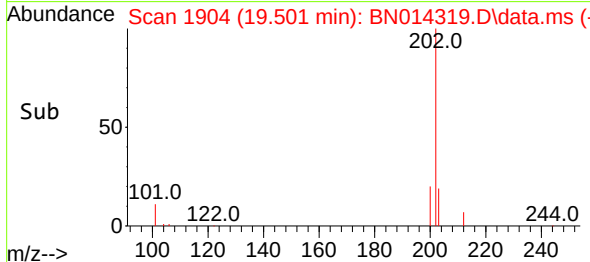
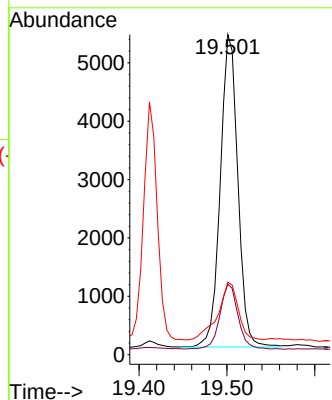
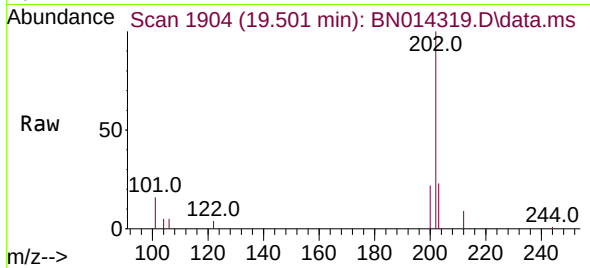




#30
Pyrene
Concen: 0.08 ng
RT: 19.501 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

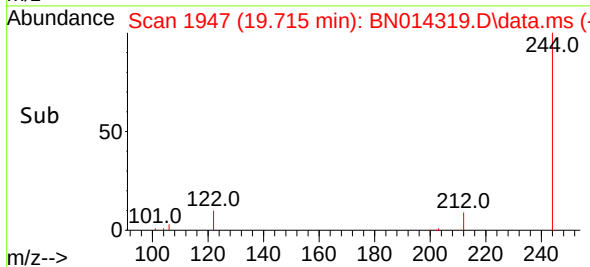
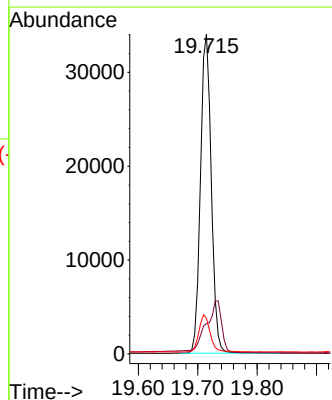
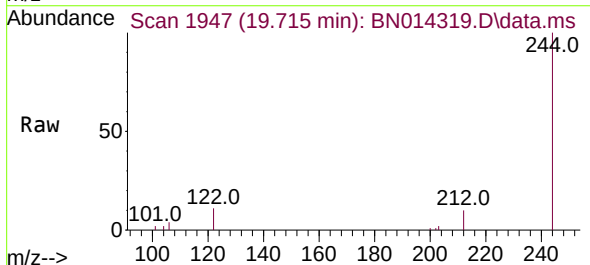
Instrument :
BNA_N
ClientSampleId :
GWBR3-225-250-041521

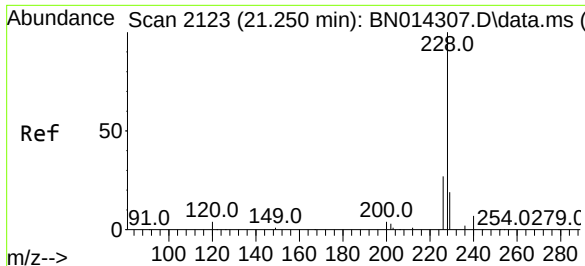
Tgt Ion:202 Resp: 7445
Ion Ratio Lower Upper
202 100
200 21.6 16.6 24.8
203 21.3 14.0 21.0#



#31
Terphenyl-d14
Concen: 0.59 ng
RT: 19.715 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

Tgt Ion:244 Resp: 42849
Ion Ratio Lower Upper
244 100
212 9.5 6.2 9.4#
122 11.1 9.0 13.6

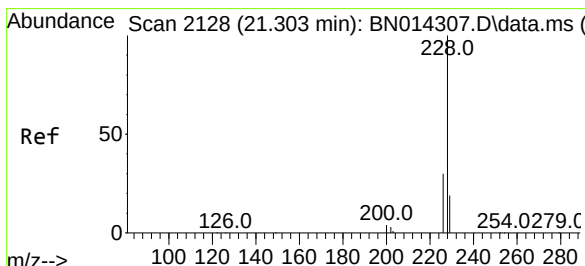
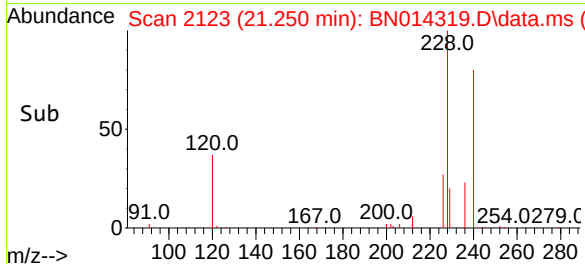
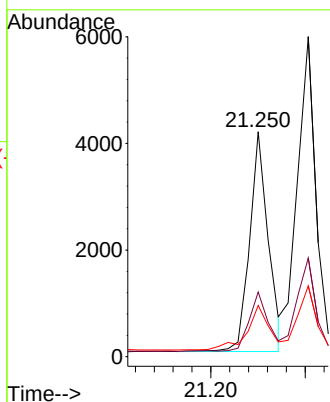
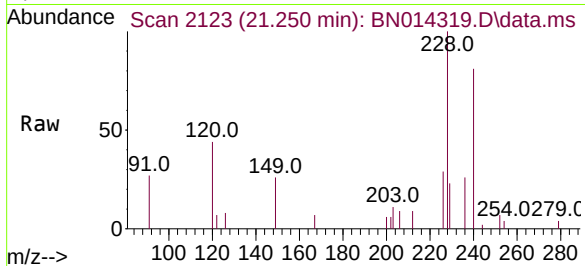




#32
Benzo(a)anthracene
Concen: 0.06 ng
RT: 21.250 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

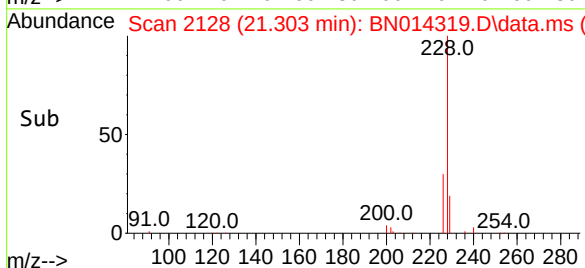
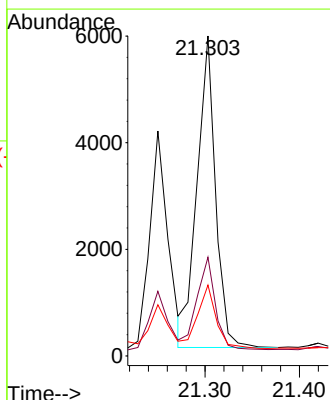
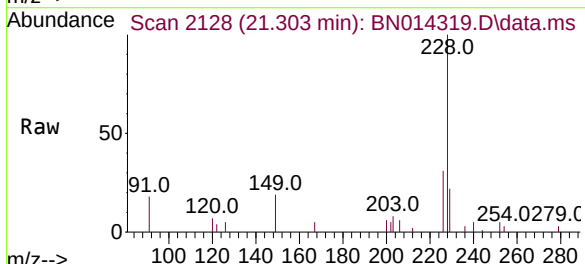
Instrument :
BNA_N
ClientSampleId :
GWBR3-225-250-041521

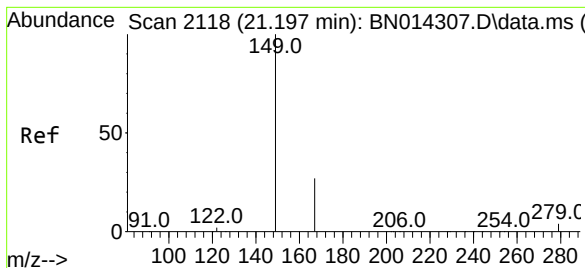
Tgt Ion:228 Resp: 5657
Ion Ratio Lower Upper
228 100
226 28.7 21.7 32.5
229 22.8 15.7 23.5



#33
Chrysene
Concen: 0.07 ng
RT: 21.303 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

Tgt Ion:228 Resp: 7917
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.6
229 22.2 15.6 23.4

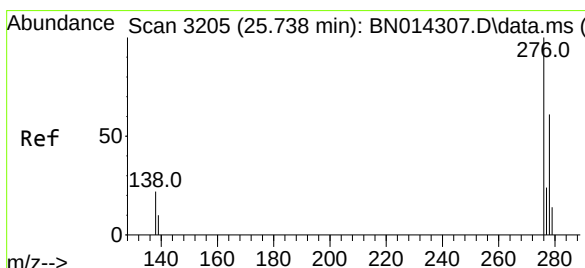
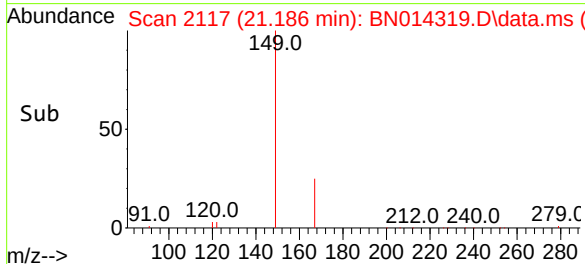
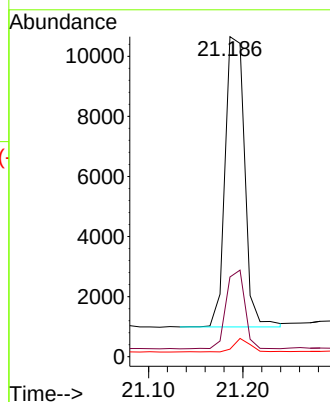
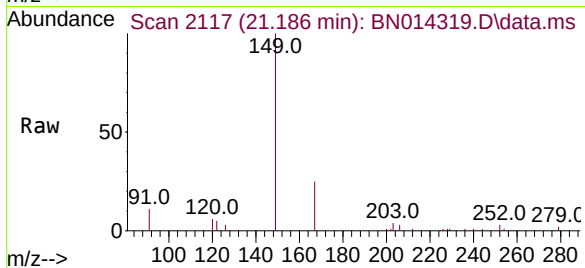




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.53 ng
 RT: 21.186 min Scan# 2117
 Delta R.T. -0.011 min
 Lab File: BN014319.D
 Acq: 16 Apr 2021 20:47

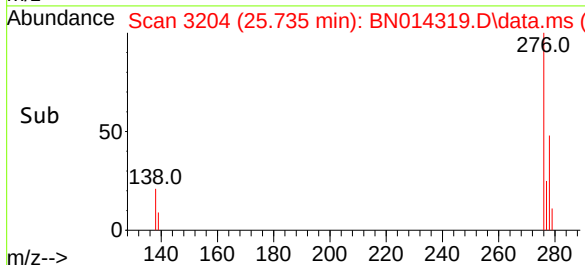
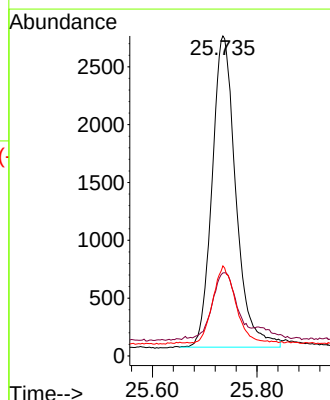
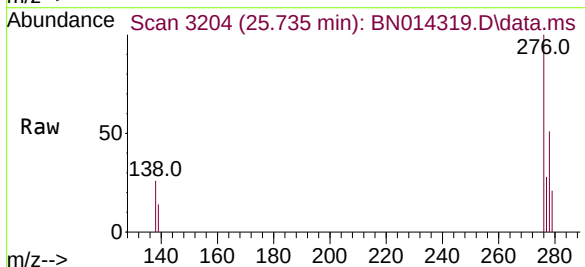
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-225-250-041521

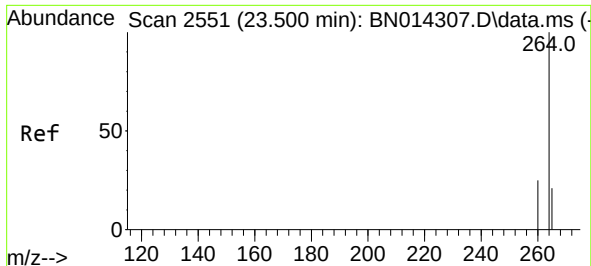
Tgt Ion:	149	Resp:	13859
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.0	31.4
279	4.0	3.3	4.9



#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.06 ng
 RT: 25.735 min Scan# 3204
 Delta R.T. -0.003 min
 Lab File: BN014319.D
 Acq: 16 Apr 2021 20:47

Tgt Ion:	276	Resp:	8474
Ion Ratio	Lower	Upper	
276	100		
138	20.9	18.3	27.5
277	23.7	19.9	29.9

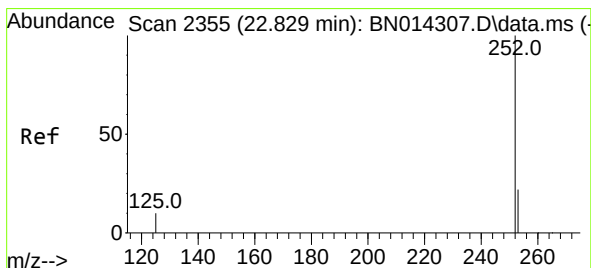
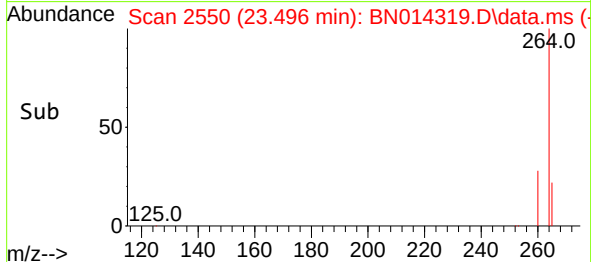
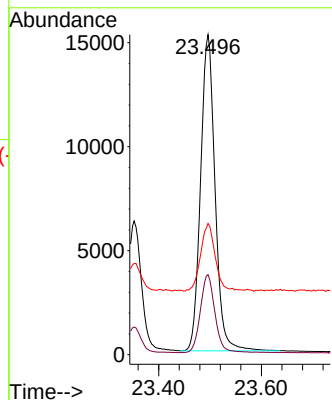
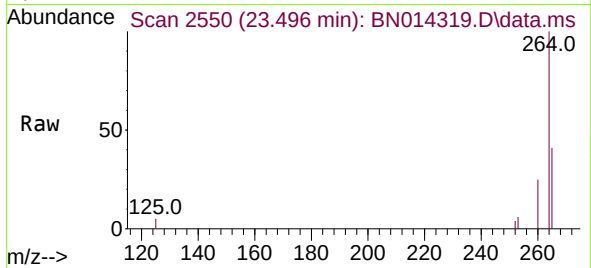




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.496 min Scan# 2550
 Delta R.T. -0.003 min
 Lab File: BN014319.D
 Acq: 16 Apr 2021 20:47

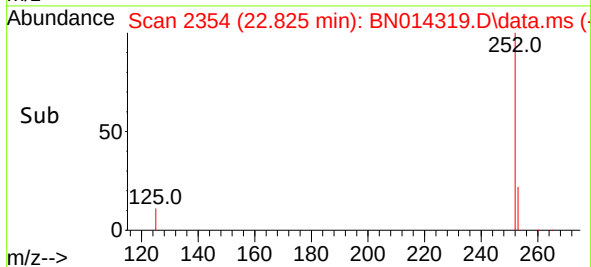
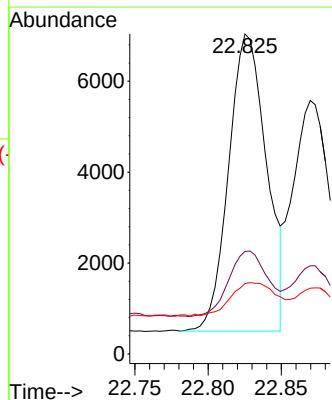
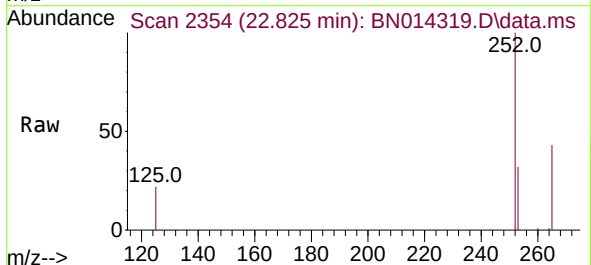
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-225-250-041521

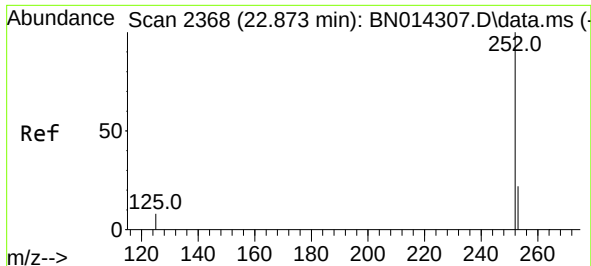
Tgt Ion:264	Resp:	29661
Ion Ratio	Lower	Upper
264	100	
260	25.0	20.0 30.0
265	41.0	37.8 56.8



#37
 Benzo(b)fluoranthene
 Concen: 0.09 ng
 RT: 22.825 min Scan# 2354
 Delta R.T. -0.003 min
 Lab File: BN014319.D
 Acq: 16 Apr 2021 20:47

Tgt Ion:252	Resp:	11756
Ion Ratio	Lower	Upper
252	100	
253	32.1	19.0 28.6#
125	22.0	9.3 13.9#





#38

Benzo(k)fluoranthene

Concen: 0.07 ng

RT: 22.870 min Scan# 2367

Delta R.T. -0.003 min

Lab File: BN014319.D

Acq: 16 Apr 2021 20:47

Tgt Ion:252 Resp: 8711

Ion Ratio Lower Upper

252 100

253 34.8 19.1 28.7#

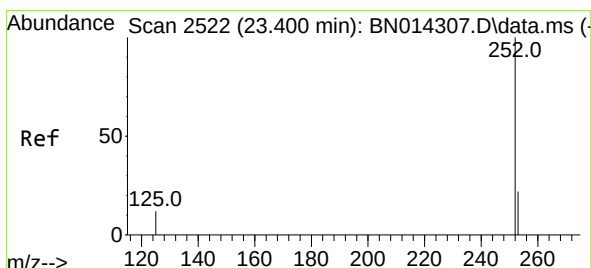
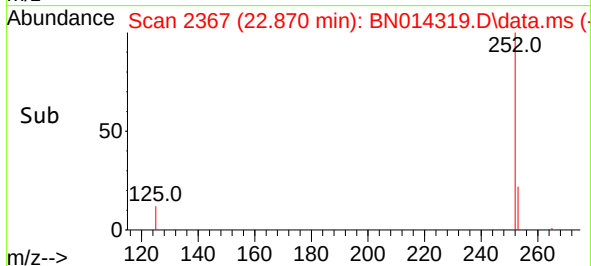
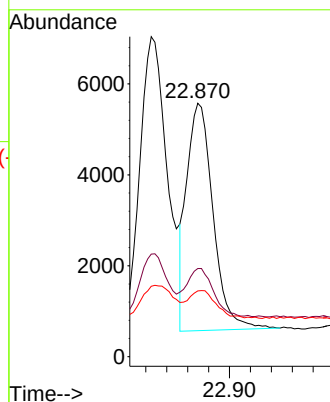
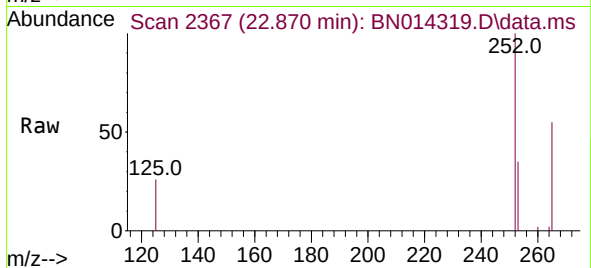
125 26.0 9.1 13.7#

Instrument :

BNA_N

ClientSampleId :

GWBR3-225-250-041521



#39

Benzo(a)pyrene

Concen: 0.05 ng

RT: 23.397 min Scan# 2521

Delta R.T. -0.003 min

Lab File: BN014319.D

Acq: 16 Apr 2021 20:47

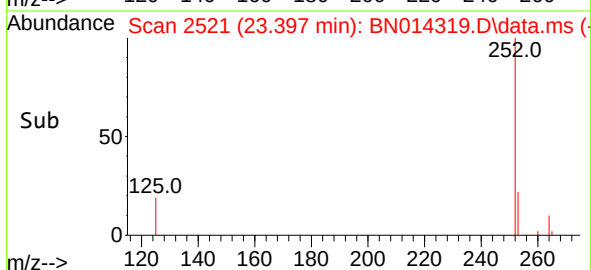
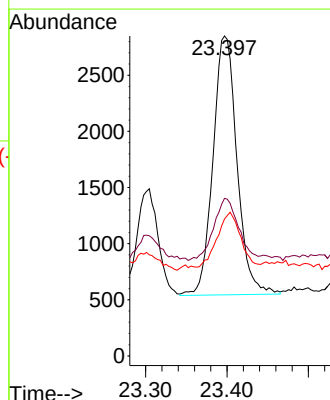
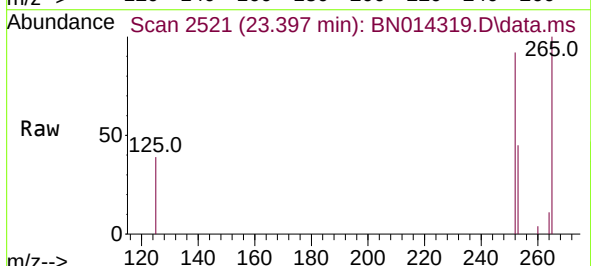
Tgt Ion:252 Resp: 4724

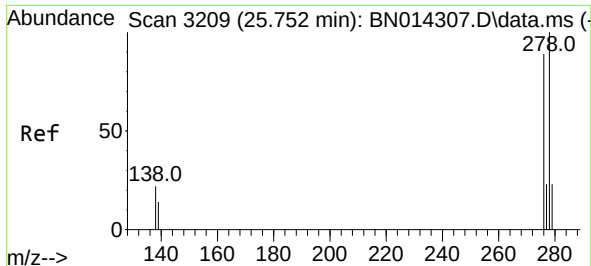
Ion Ratio Lower Upper

252 100

253 49.2 20.2 30.2#

125 42.8 12.4 18.6#

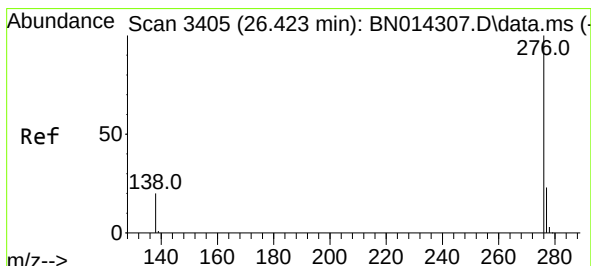
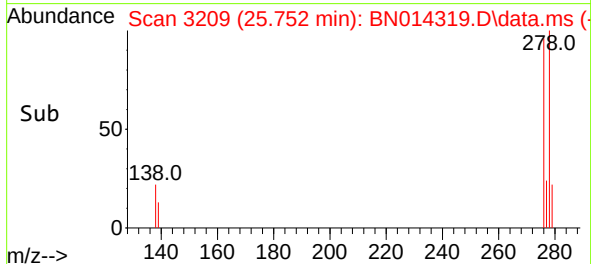
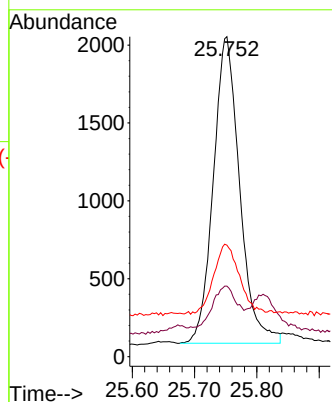
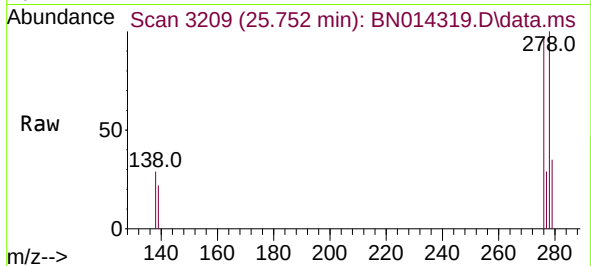




#40
Dibenzo(a,h)anthracene
Concen: 0.05 ng
RT: 25.752 min Scan# 3209
Delta R.T. -0.000 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

Instrument :
BNA_N
ClientSampleId :
GWBR3-225-250-041521

Tgt Ion:278 Resp: 5771
Ion Ratio Lower Upper
278 100
139 22.1 12.8 19.2#
279 34.9 20.0 30.0#



#41
Benzo(g,h,i)perylene
Concen: 0.07 ng
RT: 26.419 min Scan# 3404
Delta R.T. -0.003 min
Lab File: BN014319.D
Acq: 16 Apr 2021 20:47

Tgt Ion:276 Resp: 7919
Ion Ratio Lower Upper
276 100
277 27.5 18.9 28.3
138 25.1 16.6 24.8#

