

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015356.D
 Acq On : 07 Jul 2021 03:03
 Operator : CG/JU
 Sample : M2907-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-13A-063021

Quant Time: Jul 07 06:21:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

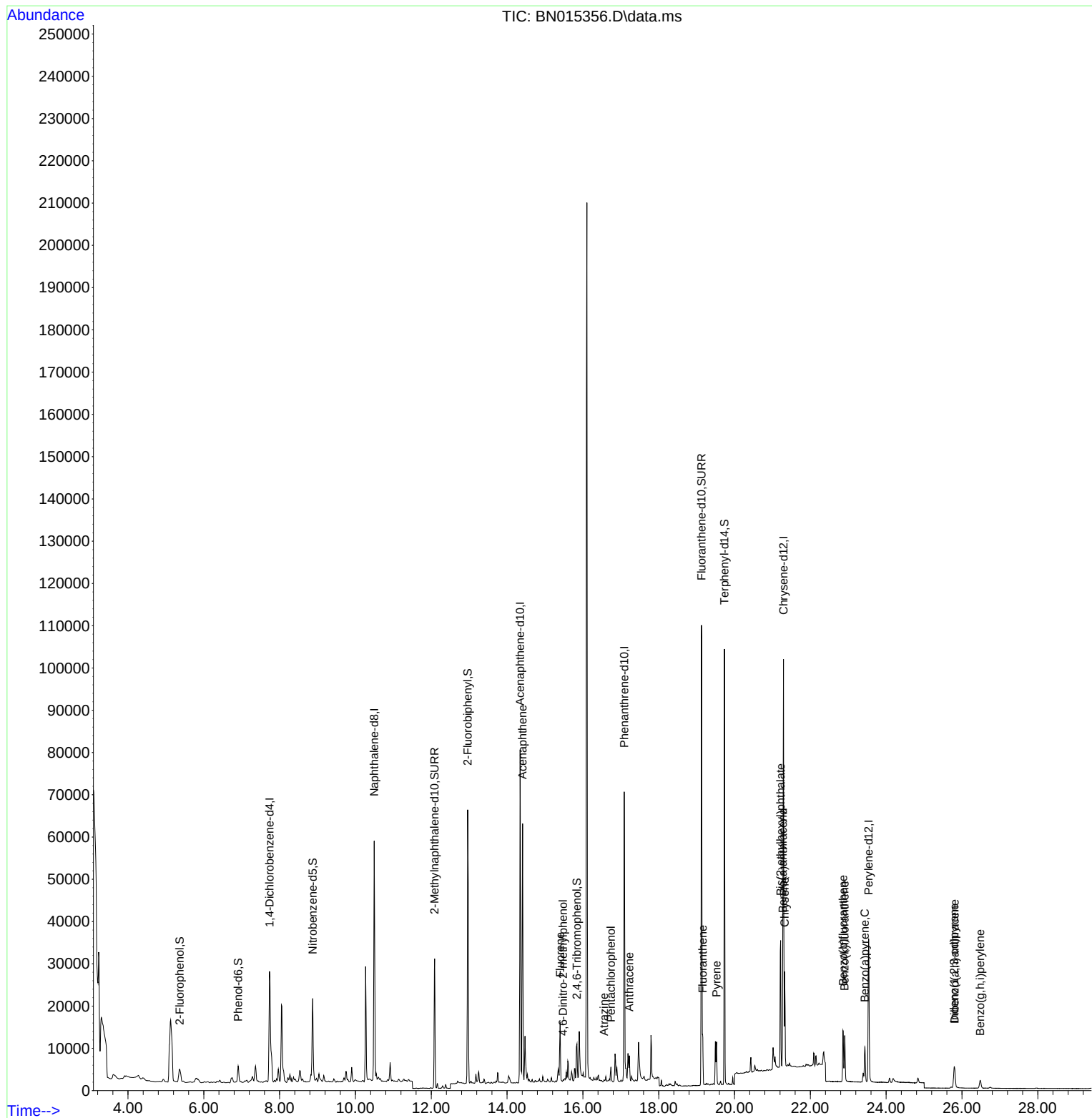
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	15890	0.400	ng	# 0.00
7) Naphthalene-d8	10.496	136	74385	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	42853	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	88370	0.400	ng	0.00
29) Chrysene-d12	21.291	240	81659	0.400	ng	#-0.01
35) Perylene-d12	23.539	264	44913	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	6020	0.149	ng	0.00
5) Phenol-d6	6.905	99	4580	0.090	ng	0.00
8) Nitrobenzene-d5	8.873	82	16932	0.406	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	40438	0.328	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	7119	0.605	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	57796	0.332	ng	0.00
27) Fluoranthene-d10	19.128	212	120202	0.461	ng	0.00
31) Terphenyl-d14	19.733	244	98381	0.515	ng	0.00
Target Compounds						
17) Acenaphthene	14.408	154	29167	0.219	ng	99
18) Fluorene	15.398	166	8264	0.051	ng	98
20) 4,6-Dinitro-2-methylph...	15.474	198	254	0.348	ng	89
23) Atrazine	16.555	200	242	0.178	ng	# 74
24) Pentachlorophenol	16.738	266	2591	0.482	ng	# 46
26) Anthracene	17.225	178	5507	0.023	ng	99
28) Fluoranthene	19.162	202	10025	0.033	ng	# 95
30) Pyrene	19.525	202	8839	0.028	ng	97
32) Benzo(a)anthracene	21.270	228	18354	0.066	ng	98
33) Chrysene	21.323	228	17851	0.059	ng	99
34) Bis(2-ethylhexyl)phtha...	21.217	149	31115	0.458	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.792	276	5812	0.036	ng	# 89
37) Benzo(b)fluoranthene	22.862	252	14438	0.082	ng	# 84
38) Benzo(k)fluoranthene	22.906	252	13824	0.074	ng	# 90
39) Benzo(a)pyrene	23.437	252	10229	0.064	ng	# 70
40) Dibenzo(a,h)anthracene	25.805	278	5117	0.041	ng	# 85
41) Benzo(g,h,i)perylene	26.480	276	3879	0.028	ng	# 80

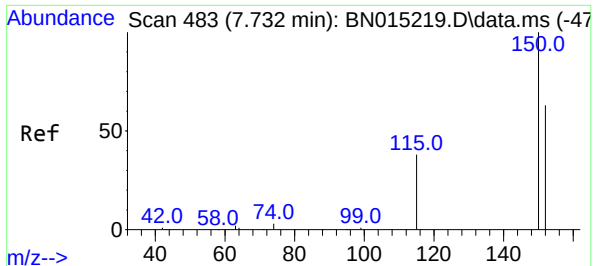
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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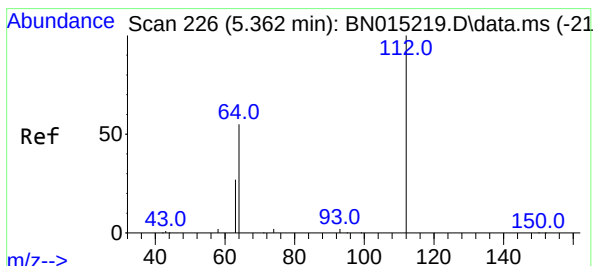
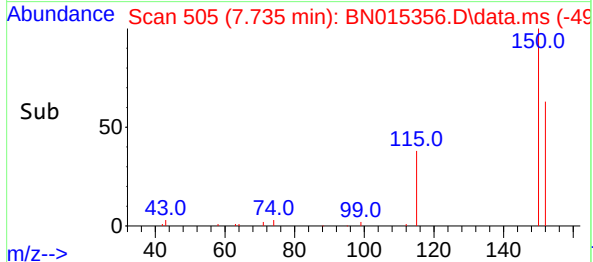
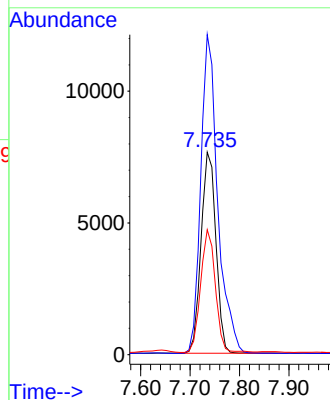
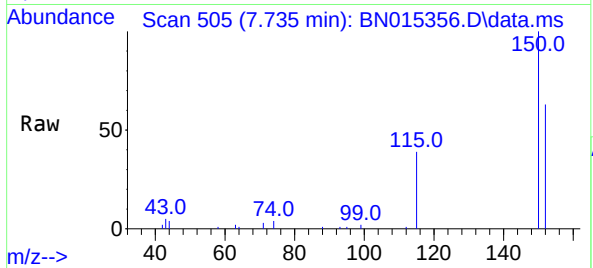




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.735 min Scan# 505
Delta R.T. 0.003 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

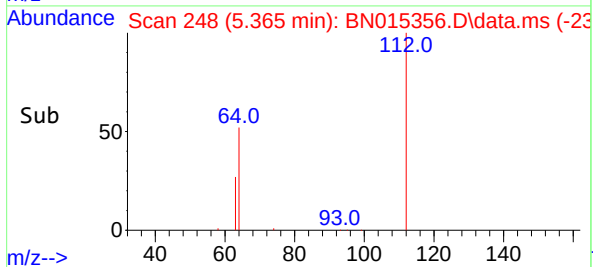
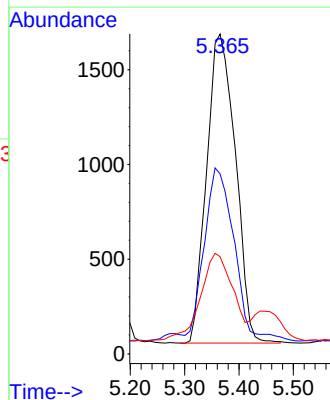
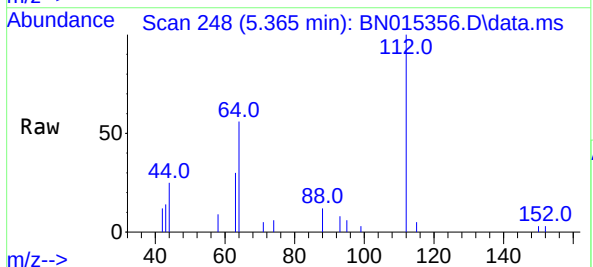
Instrument :
BNA_N
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MW-13A-063021

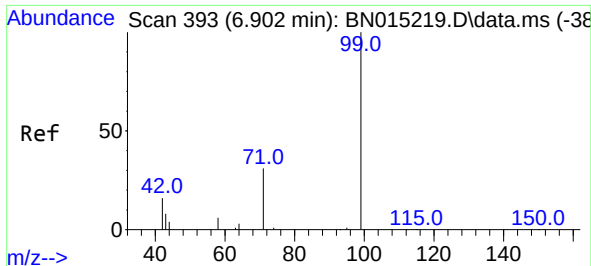
Tgt Ion:152 Resp: 15890
Ion Ratio Lower Upper
152 100
150 158.0 119.0 178.6
115 61.7 62.2 93.4#



#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

Tgt Ion:112 Resp: 6020
Ion Ratio Lower Upper
112 100
64 54.2 39.0 58.6
63 26.9 20.6 30.8

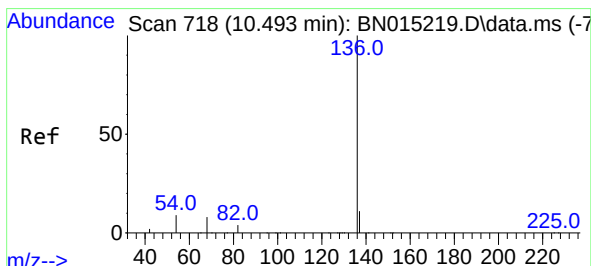
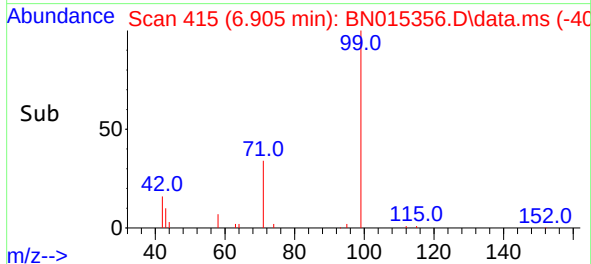
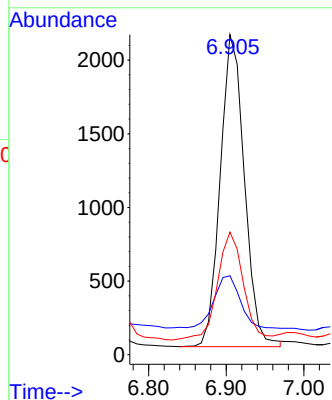
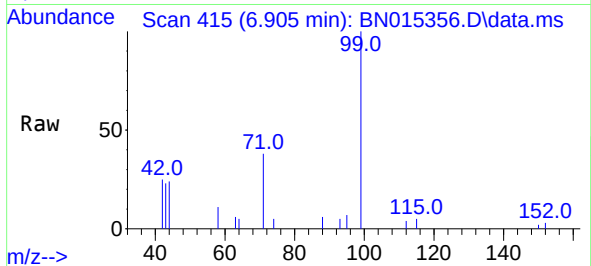




#5
Phenol-d6
Concen: 0.090 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

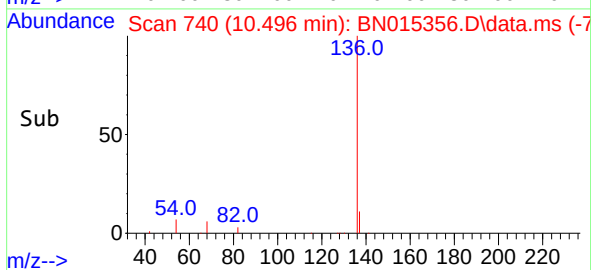
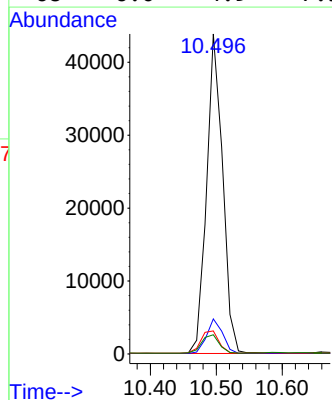
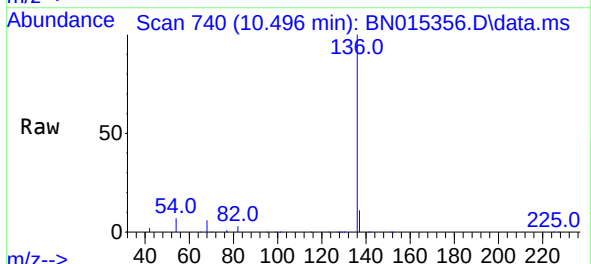
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BNA_N
ClientSampleId :
MW-13A-063021

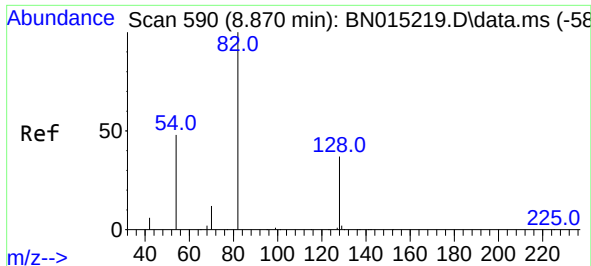
Tgt Ion: 99 Resp: 4580
Ion Ratio Lower Upper
99 100
42 18.3 8.9 13.3#
71 37.0 35.6 53.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.496 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

Tgt Ion: 136 Resp: 74385
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.8
54 7.2 5.4 8.2
68 6.0 4.9 7.3

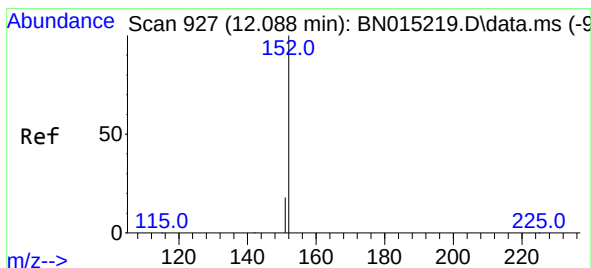
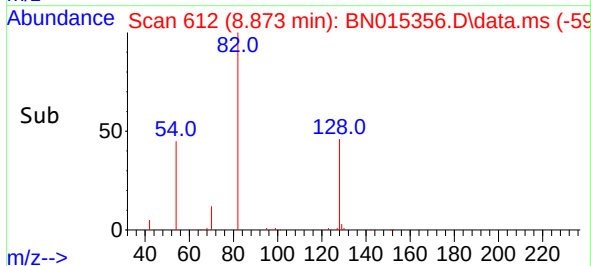
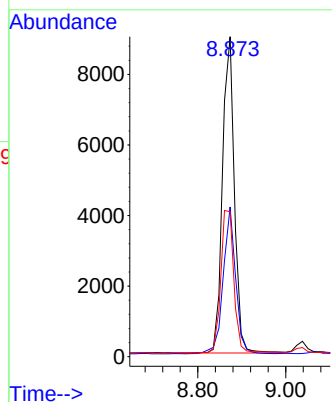
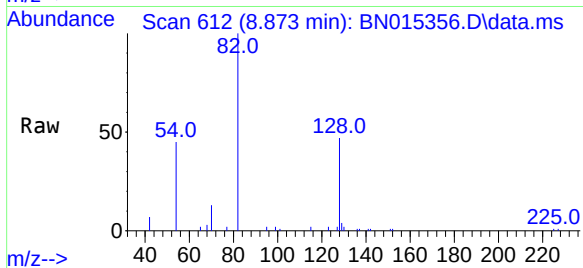




#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

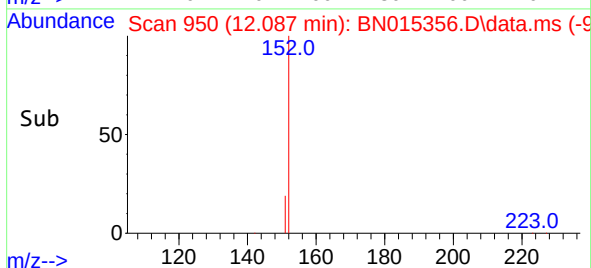
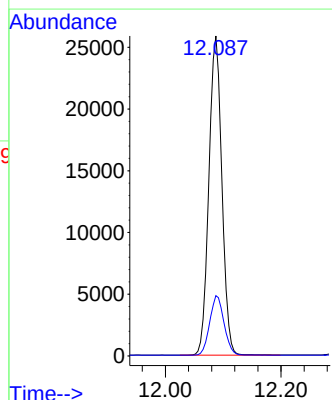
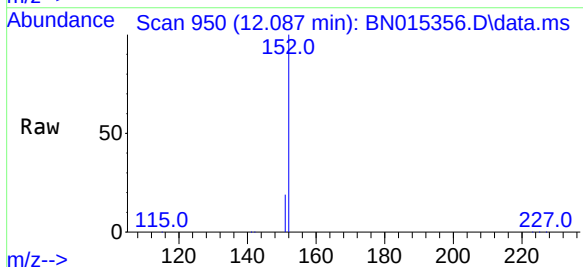
Instrument :
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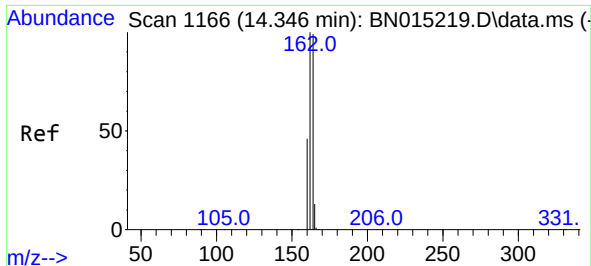
Tgt Ion: 82 Resp: 16932
Ion Ratio Lower Upper
82 100
128 46.8 31.6 47.4
54 45.3 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

Tgt Ion: 152 Resp: 40438
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1

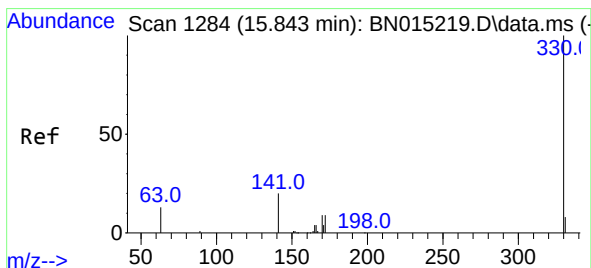
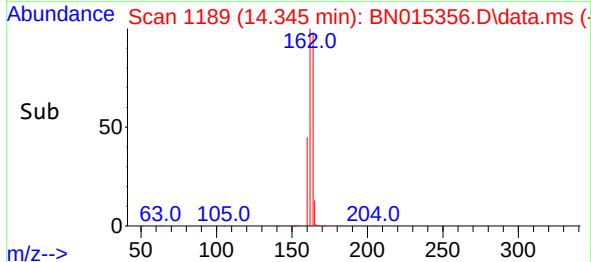
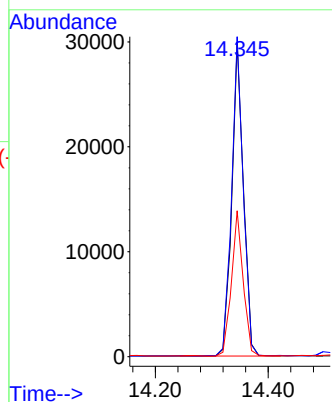
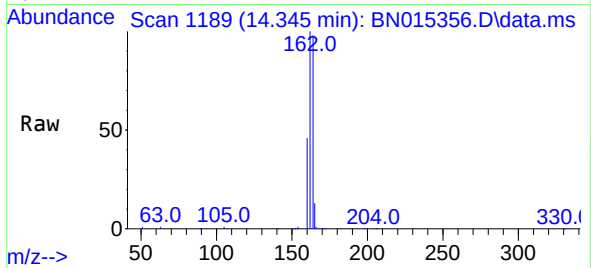




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

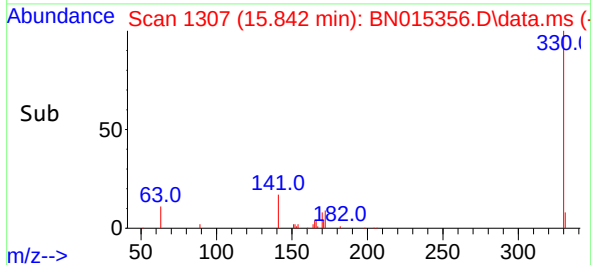
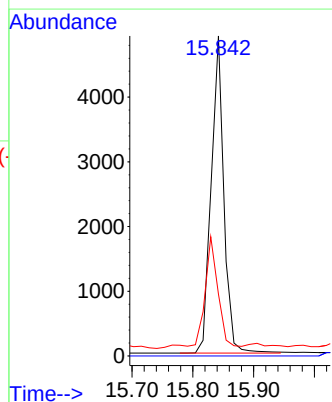
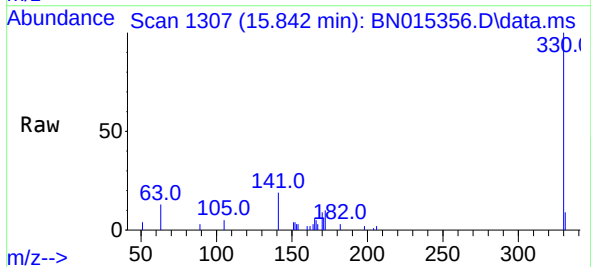
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BNA_N
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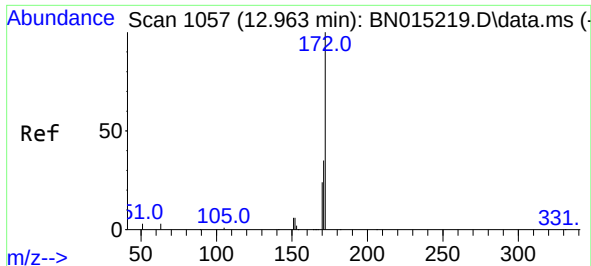
Tgt Ion:164 Resp: 42853
Ion Ratio Lower Upper
164 100
162 101.8 83.8 125.6
160 46.4 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.605 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

Tgt Ion:330 Resp: 7119
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.9 22.4 33.6#

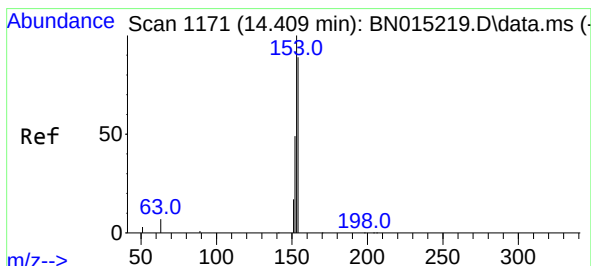
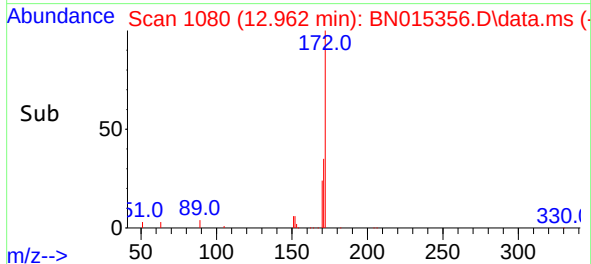
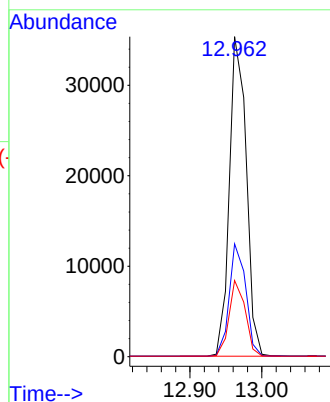
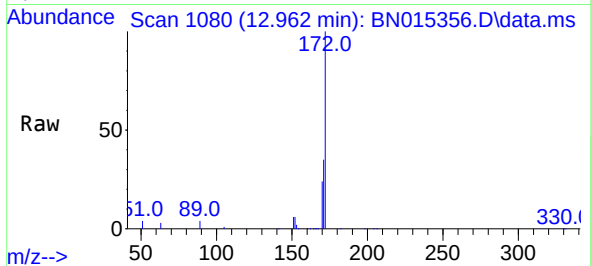




#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

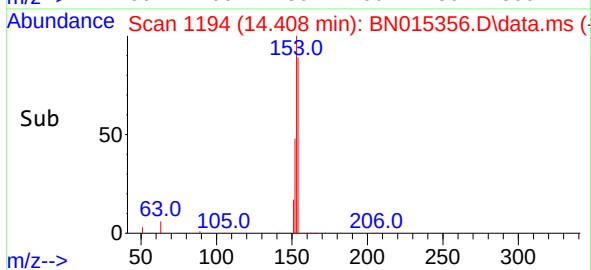
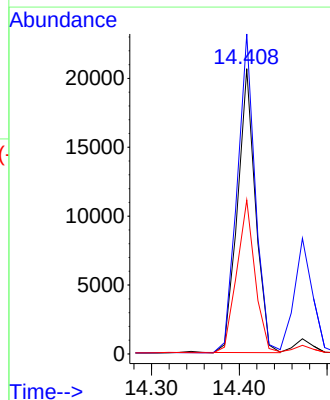
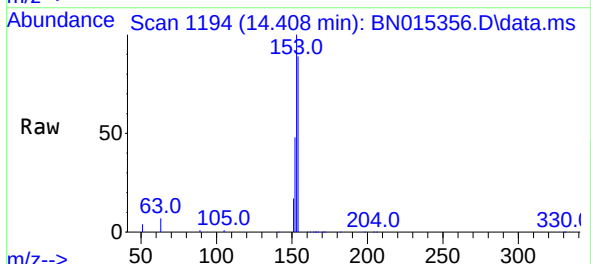
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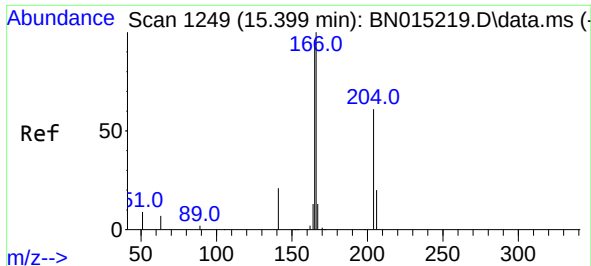
Tgt Ion:172	Resp:	57796
Ion Ratio	Lower	Upper
172	100	
171	35.3	30.6 45.8
170	23.8	20.2 30.4



#17
Acenaphthene
Concen: 0.219 ng
RT: 14.408 min Scan# 1194
Delta R.T. -0.001 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

Tgt Ion:154	Resp:	29167
Ion Ratio	Lower	Upper
154	100	
153	113.3	90.9 136.3
152	54.7	45.8 68.8

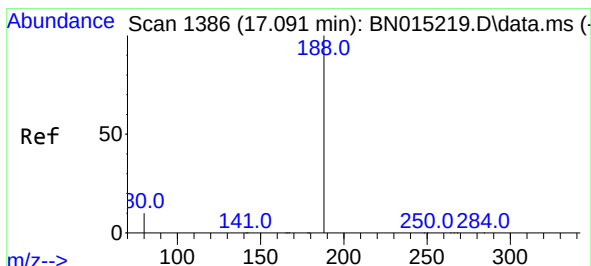
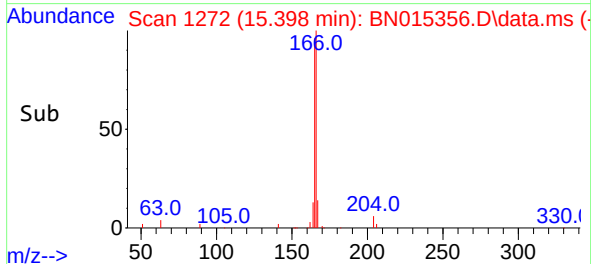
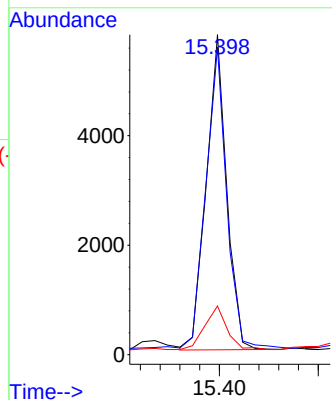
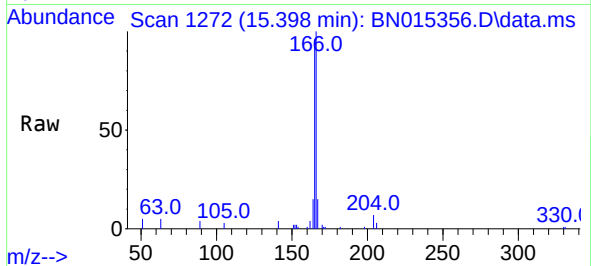




#18
Fluorene
Concen: 0.051 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.001 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

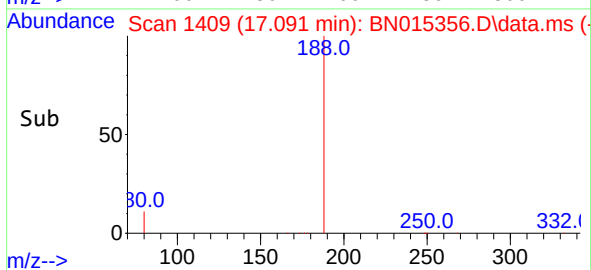
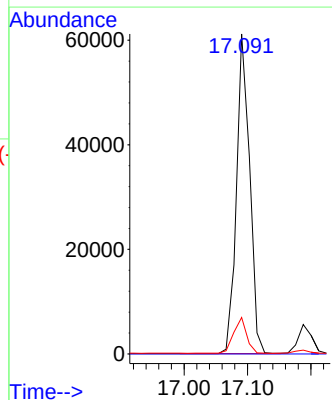
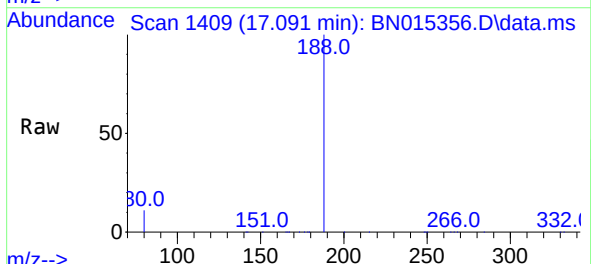
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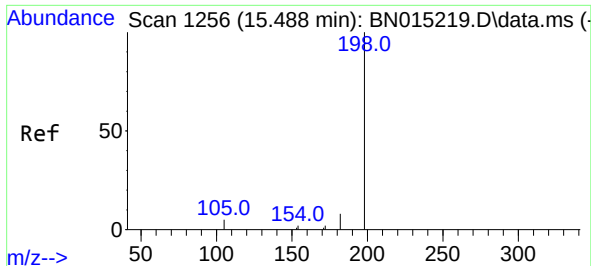
Tgt Ion:166 Resp: 8264
Ion Ratio Lower Upper
166 100
165 97.0 79.2 118.8
167 15.9 10.7 16.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

Tgt Ion:188 Resp: 88370
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 9.0 13.4

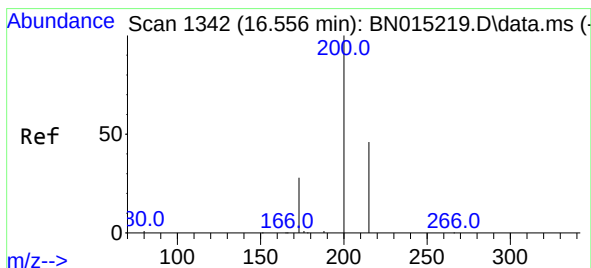
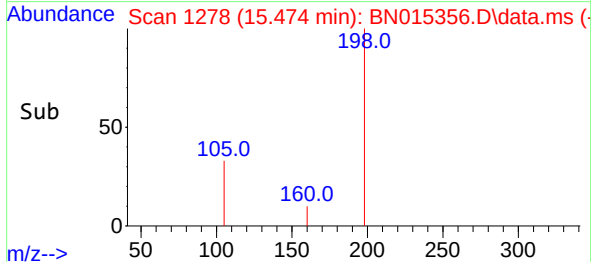
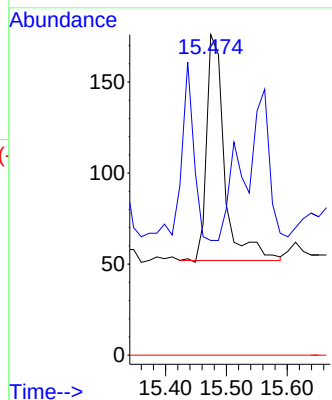
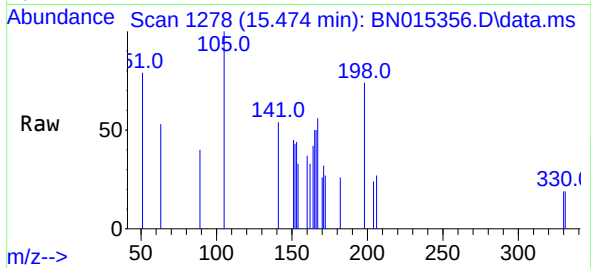




#20
4,6-Dinitro-2-methylphenol
Concen: 0.348 ng
RT: 15.474 min Scan# 1278
Delta R.T. -0.014 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

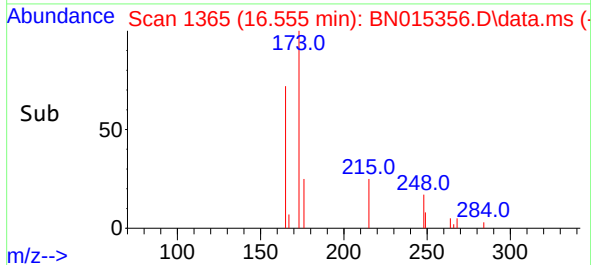
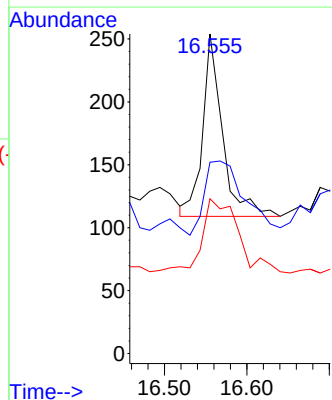
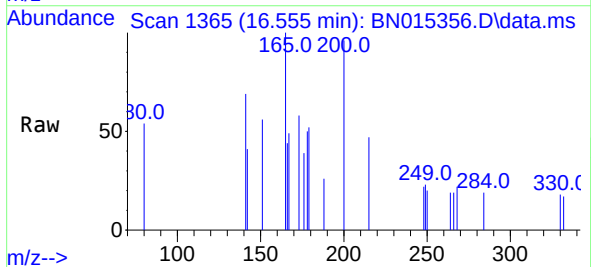
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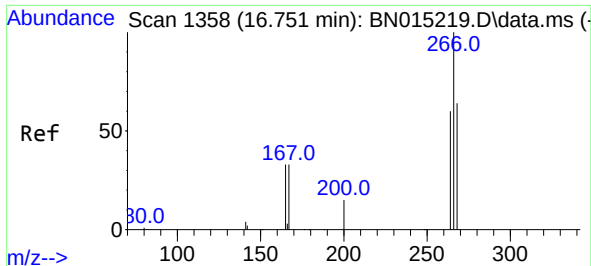
Tgt Ion:198 Resp: 254
Ion Ratio Lower Upper
198 100
182 35.8 34.5 51.7
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.178 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

Tgt Ion:200 Resp: 242
Ion Ratio Lower Upper
200 100
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215 48.4 43.1 64.7



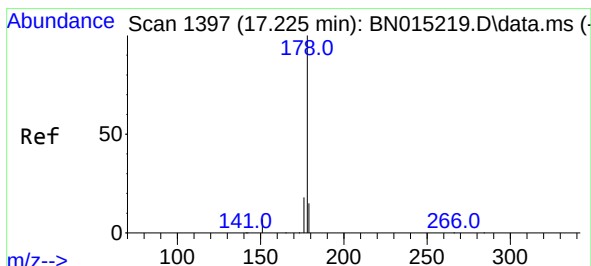
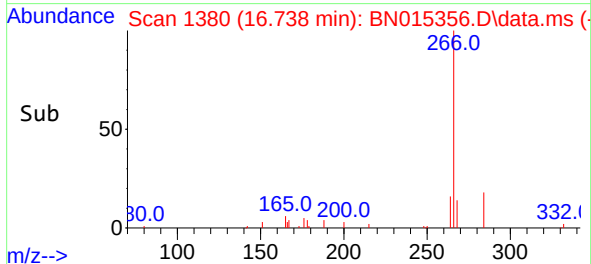
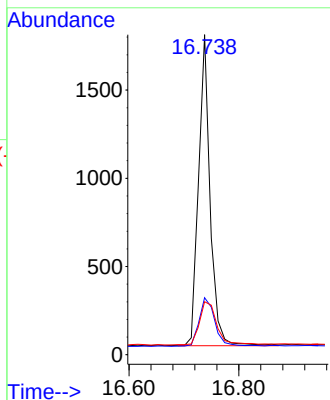
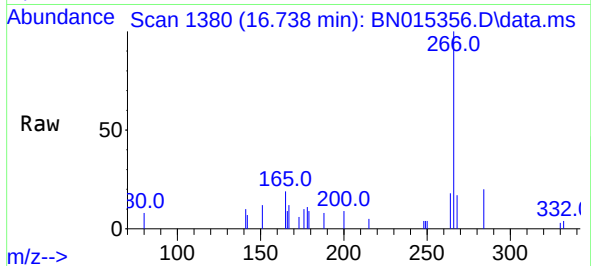


#24
Pentachlorophenol
Concen: 0.482 ng
RT: 16.738 min Scan# 1380
Delta R.T. -0.013 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

Instrument :
BNA_N
ClientSampleId :
MW-13A-063021

Tgt Ion:266 Resp: 2591

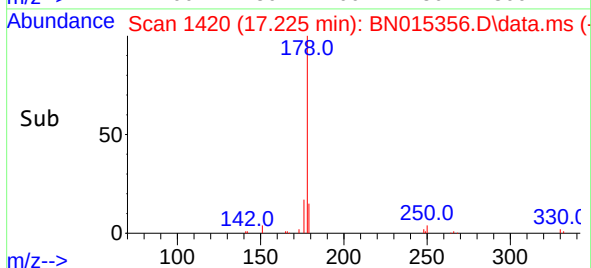
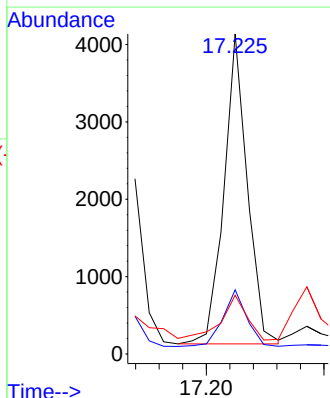
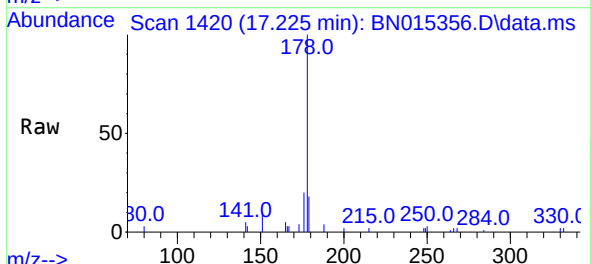
Ion	Ratio	Lower	Upper
266	100		
264	21.3	51.0	76.4#
268	21.0	50.6	76.0#

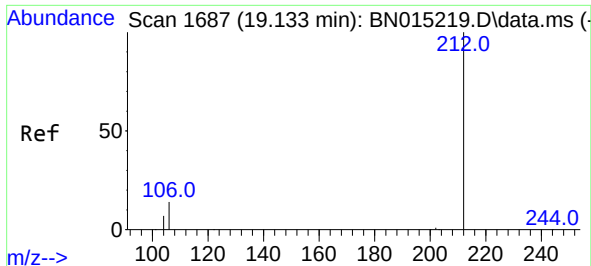


#26
Anthracene
Concen: 0.023 ng
RT: 17.225 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

Tgt Ion:178 Resp: 5507

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	16.1	12.2	18.2

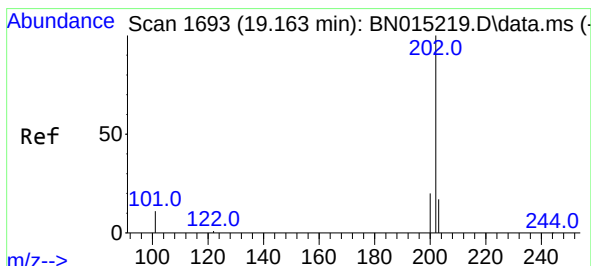
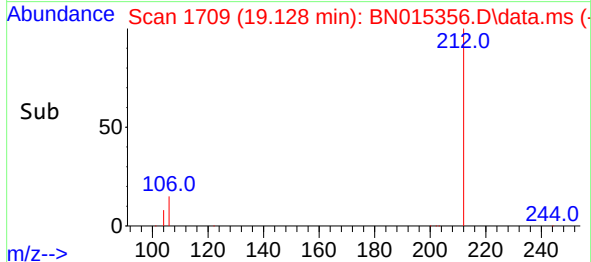
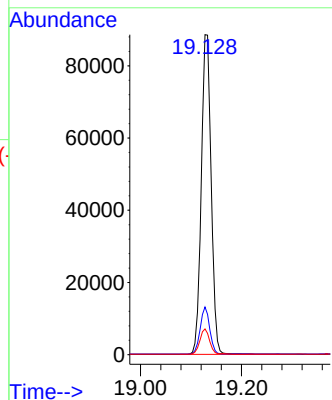
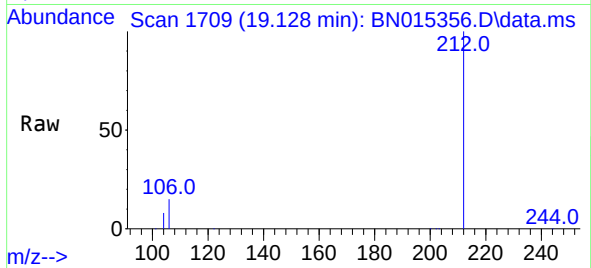




#27
Fluoranthene-d10
Concen: 0.461 ng
RT: 19.128 min Scan# 1709
Delta R.T. -0.005 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

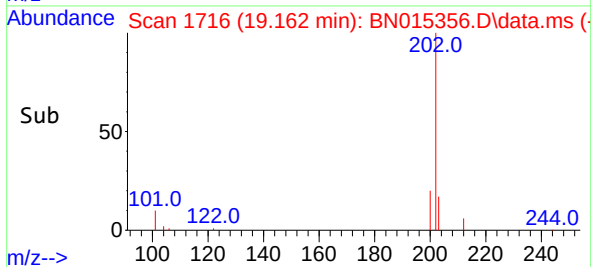
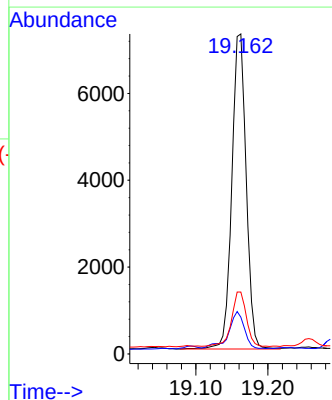
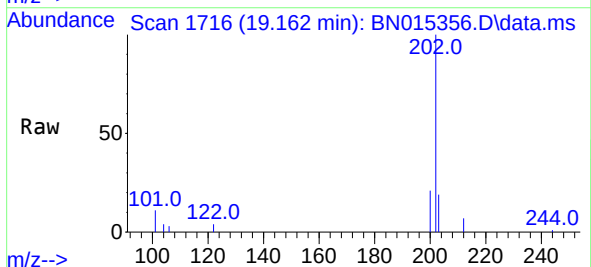
Instrument :
BNA_N
ClientSampleId :
MW-13A-063021

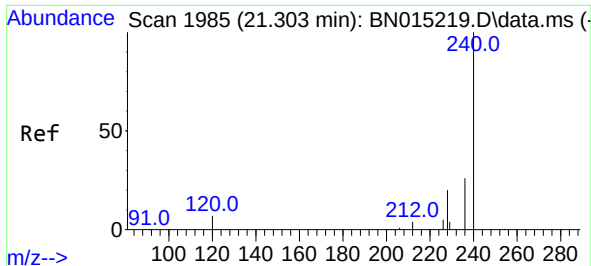
Tgt Ion:212 Resp: 120202
Ion Ratio Lower Upper
212 100
106 14.1 7.0 10.6#
104 7.9 4.1 6.1#



#28
Fluoranthene
Concen: 0.033 ng
RT: 19.162 min Scan# 1716
Delta R.T. -0.001 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

Tgt Ion:202 Resp: 10025
Ion Ratio Lower Upper
202 100
101 12.9 6.6 10.0#
203 17.8 13.9 20.9

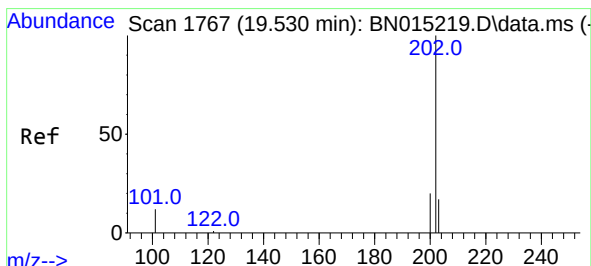
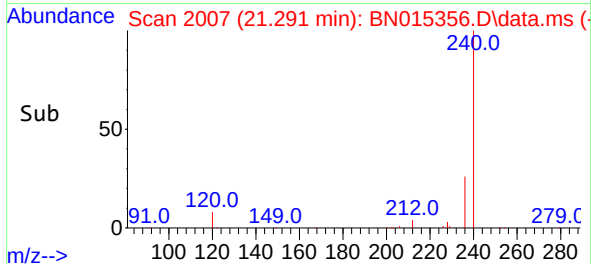
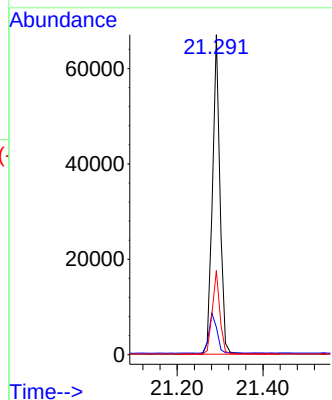
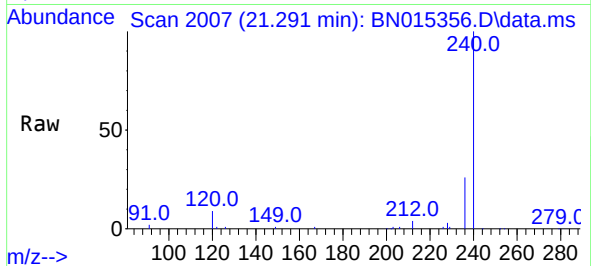




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

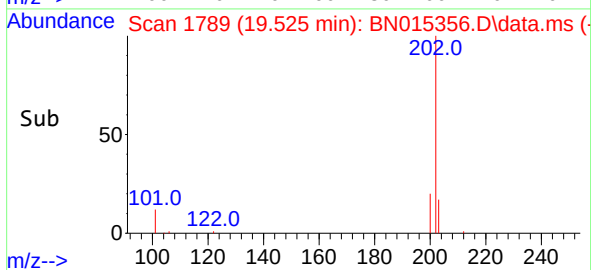
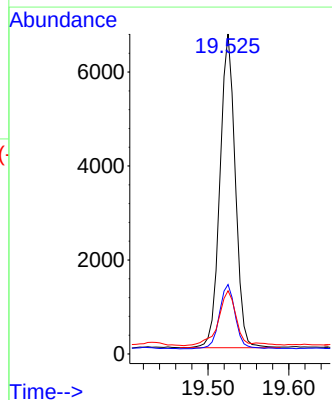
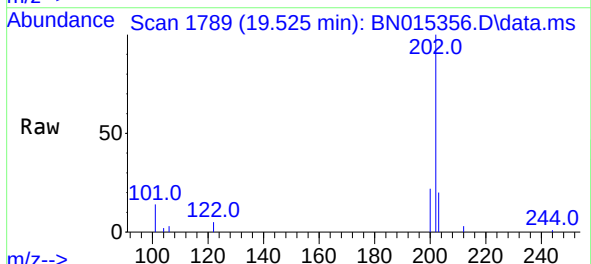
Instrument :
BNA_N
ClientSampleId :
MW-13A-063021

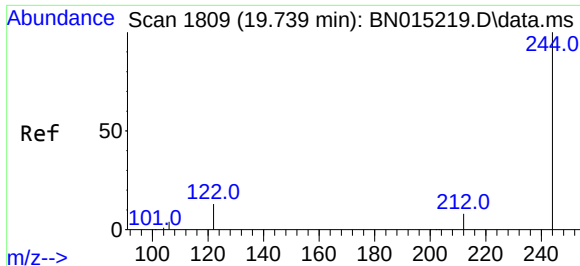
Tgt Ion:240 Resp: 81659
Ion Ratio Lower Upper
240 100
120 8.6 4.2 6.4#
236 26.3 21.4 32.2



#30
Pyrene
Concen: 0.028 ng
RT: 19.525 min Scan# 1789
Delta R.T. -0.005 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

Tgt Ion:202 Resp: 8839
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 19.7 13.9 20.9

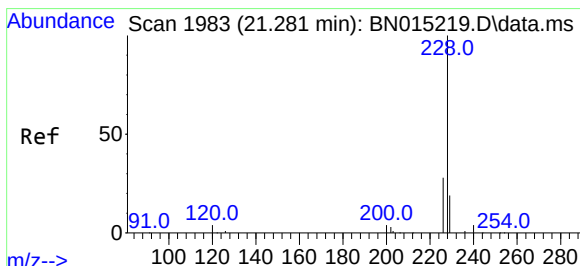
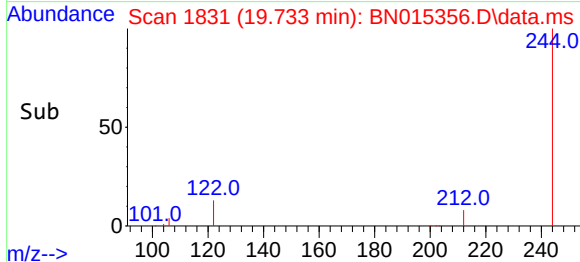
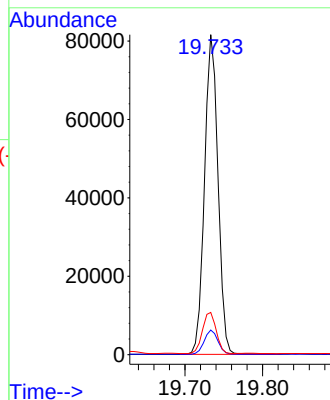
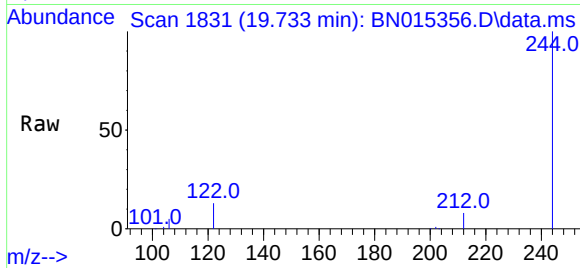




#31
Terphenyl-d14
Concen: 0.515 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

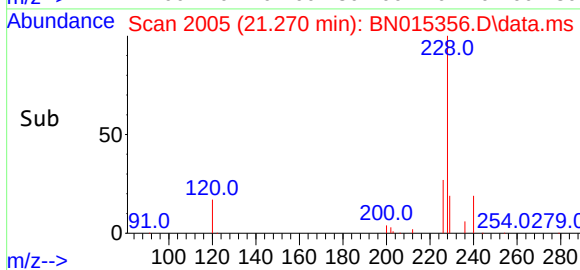
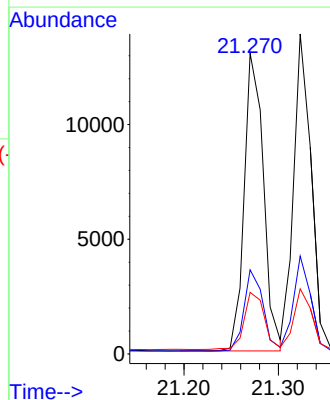
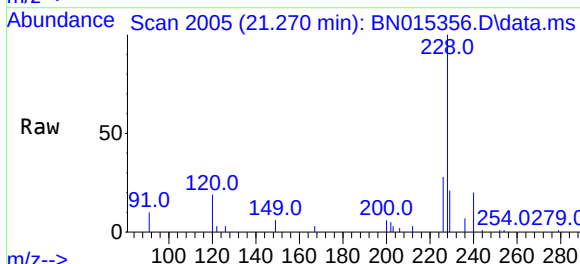
Instrument :
BNA_N
ClientSampleId :
MW-13A-063021

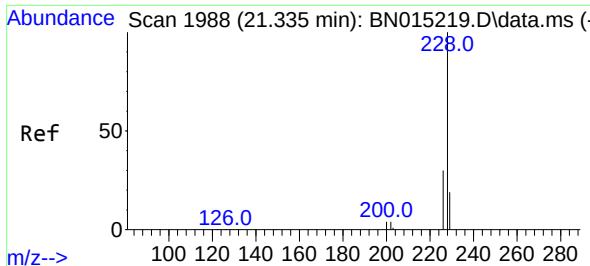
Tgt Ion:244 Resp: 98381
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 13.2 6.2 9.2#



#32
Benzo(a)anthracene
Concen: 0.066 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.011 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

Tgt Ion:228 Resp: 18354
Ion Ratio Lower Upper
228 100
226 28.0 23.0 34.6
229 20.5 15.7 23.5

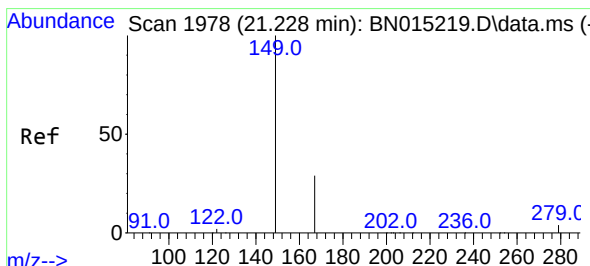
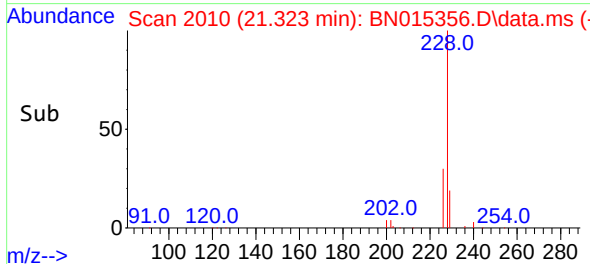
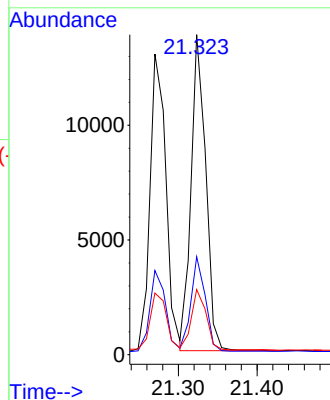
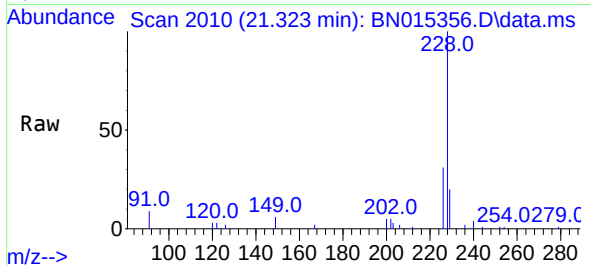




#33
Chrysene
Concen: 0.059 ng
RT: 21.323 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

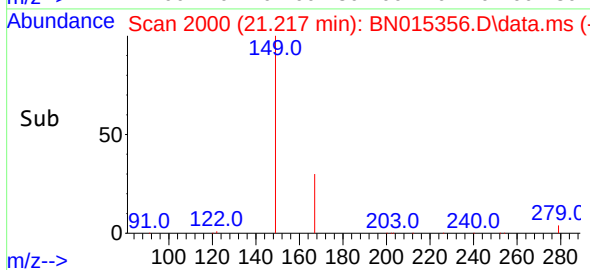
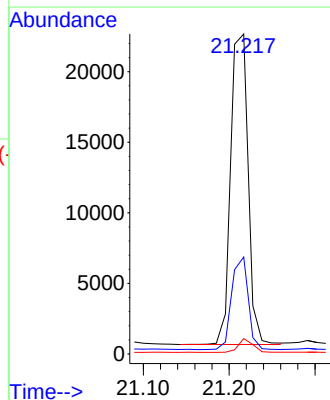
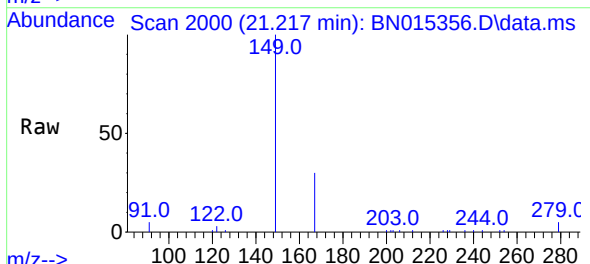
Instrument :
BNA_N
ClientSampleId :
MW-13A-063021

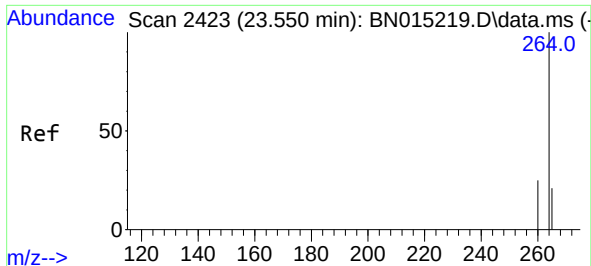
Tgt Ion:	228	Resp:	17851
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.0	37.6
229	20.4	15.9	23.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.458 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

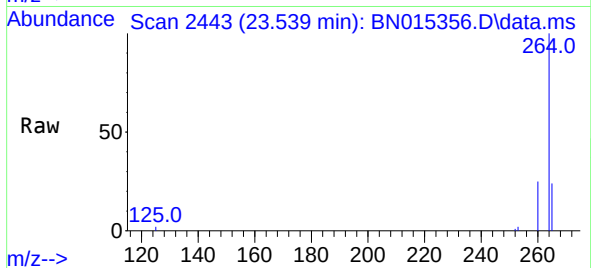
Tgt Ion:	149	Resp:	31115
Ion Ratio	Lower	Upper	
149	100		
167	28.2	28.9	43.3#
279	3.7	4.9	7.3#



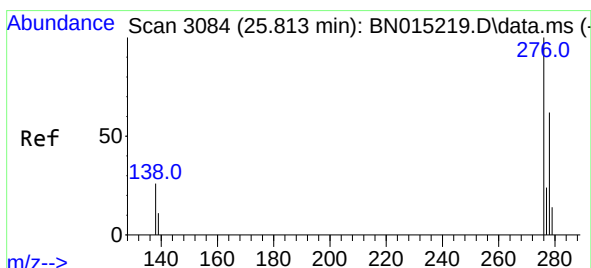
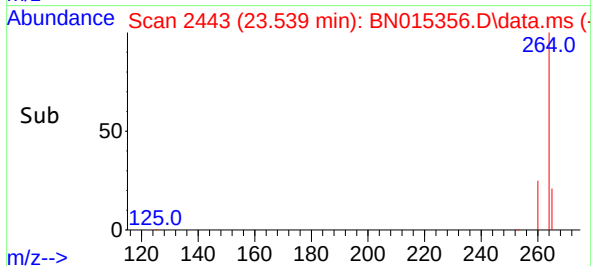
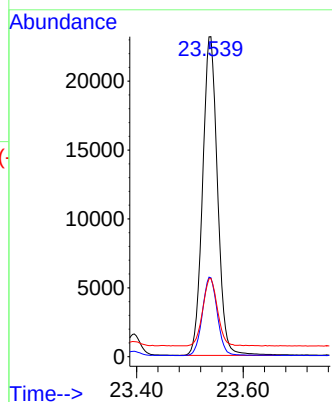


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.539 min Scan# 2443
Delta R.T. -0.011 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

Instrument :
BNA_N
ClientSampleId :
MW-13A-063021

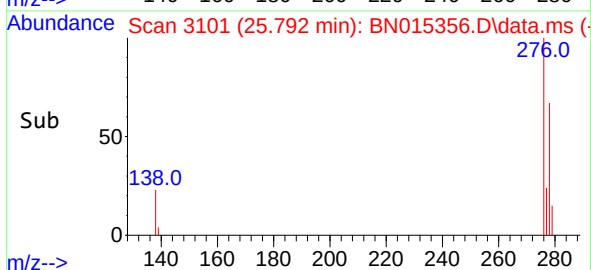
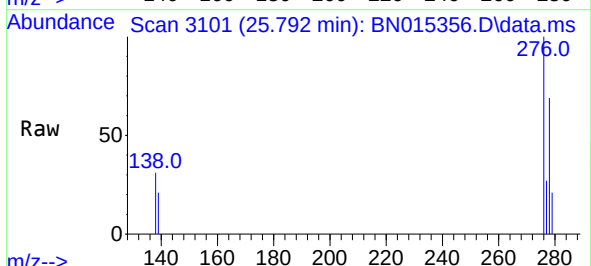
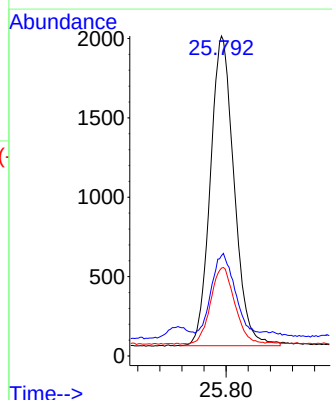


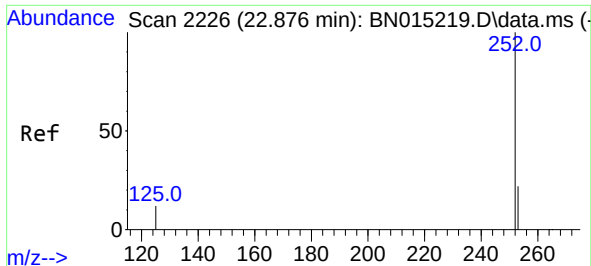
Tgt Ion:264 Resp: 44913
Ion Ratio Lower Upper
264 100
260 24.7 20.6 31.0
265 24.5 21.4 32.2



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng
RT: 25.792 min Scan# 3101
Delta R.T. -0.021 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

Tgt Ion:276 Resp: 5812
Ion Ratio Lower Upper
276 100
138 24.6 10.0 15.0#
277 25.0 20.4 30.6

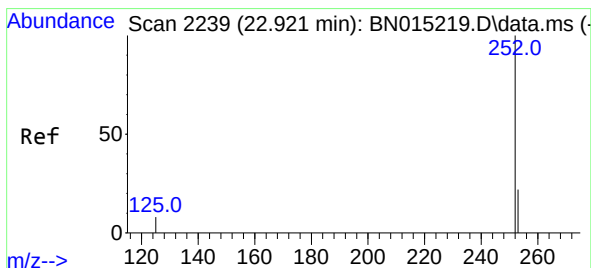
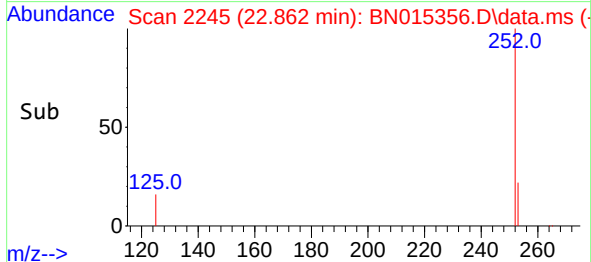
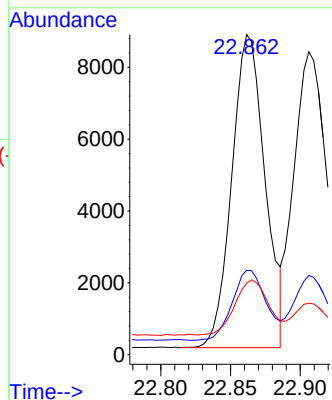
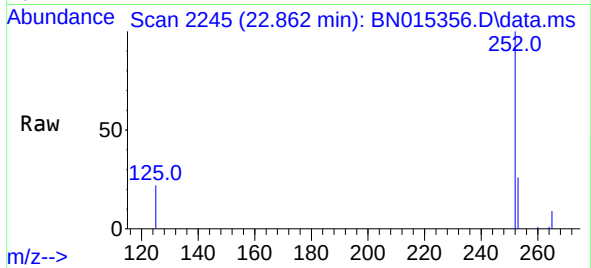




#37
Benzo(b)fluoranthene
Concen: 0.082 ng
RT: 22.862 min Scan# 2245
Delta R.T. -0.014 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

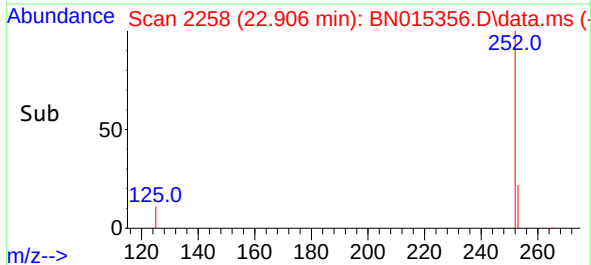
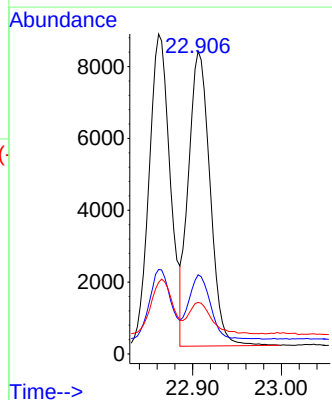
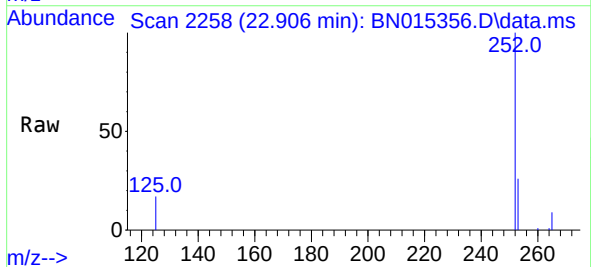
Instrument :
BNA_N
ClientSampleId :
MW-13A-063021

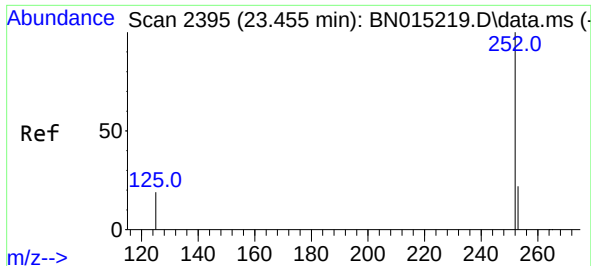
Tgt Ion:252 Resp: 14438
Ion Ratio Lower Upper
252 100
253 26.4 18.5 27.7
125 22.3 5.8 8.6#



#38
Benzo(k)fluoranthene
Concen: 0.074 ng
RT: 22.906 min Scan# 2258
Delta R.T. -0.014 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

Tgt Ion:252 Resp: 13824
Ion Ratio Lower Upper
252 100
253 26.2 19.1 28.7
125 17.0 5.4 8.0#





#39

Benzo(a)pyrene

Concen: 0.064 ng

RT: 23.437 min Scan# 2413

Delta R.T. -0.018 min

Lab File: BN015356.D

Acq: 07 Jul 2021 03:03

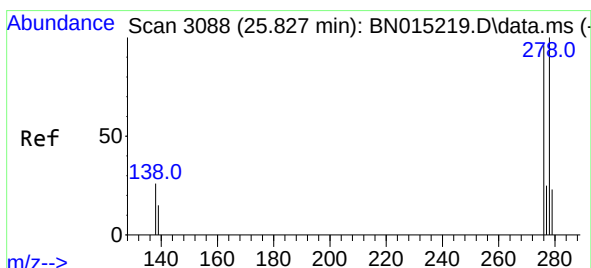
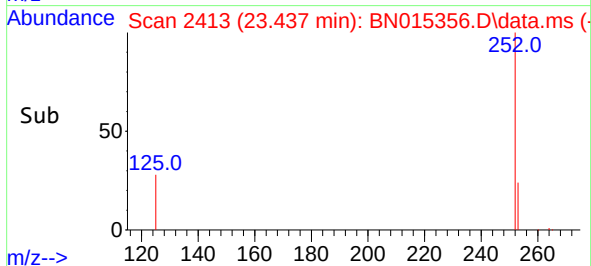
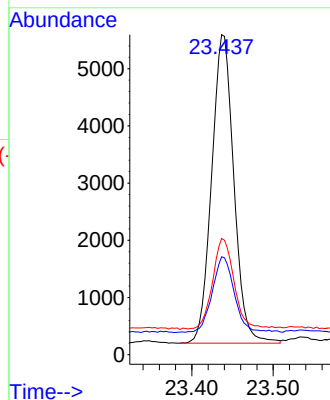
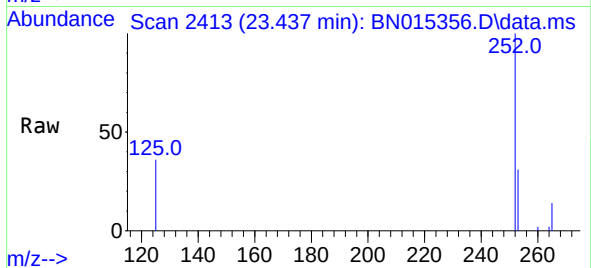
Tgt Ion:252	Resp:	10229
Ion Ratio	Lower	Upper
252	100	
253	30.6	19.4 29.2#
125	36.3	7.4 11.2#

Instrument :

BNA_N

ClientSampleId :

MW-13A-063021



#40

Dibenzo(a,h)anthracene

Concen: 0.041 ng

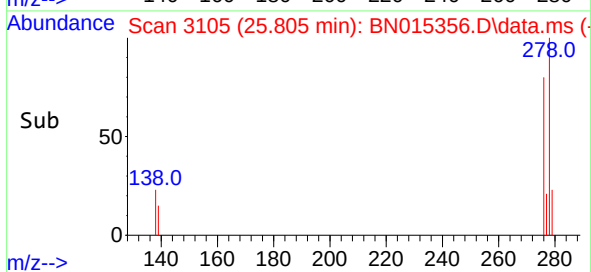
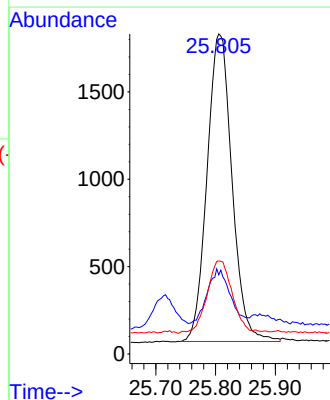
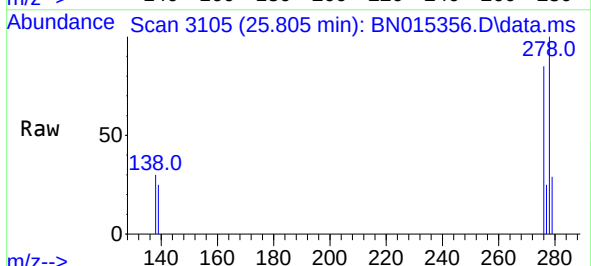
RT: 25.805 min Scan# 3105

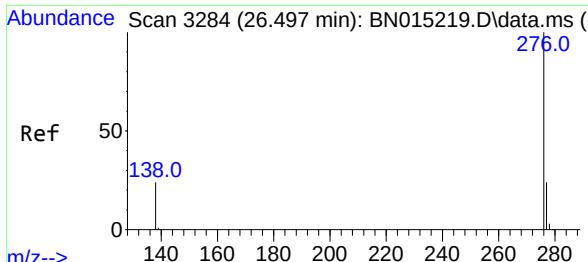
Delta R.T. -0.021 min

Lab File: BN015356.D

Acq: 07 Jul 2021 03:03

Tgt Ion:278	Resp:	5117
Ion Ratio	Lower	Upper
278	100	
139	24.7	9.0 13.4#
279	29.1	21.0 31.4





#41
Benzo(g,h,i)perylene
Concen: 0.028 ng
RT: 26.480 min Scan# 3302
Delta R.T. -0.018 min
Lab File: BN015356.D
Acq: 07 Jul 2021 03:03

Instrument :
BNA_N
ClientSampleId :
MW-13A-063021

Tgt Ion:276 Resp: 3879
Ion Ratio Lower Upper
276 100
277 28.3 19.7 29.5
138 30.1 9.8 14.6#

