

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015347.D
 Acq On : 06 Jul 2021 20:26
 Operator : CG/JU
 Sample : M2898-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-07-6.5-11.5-062921

Quant Time: Jul 07 01:33:00 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	15758	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	74765	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	44564	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	90285	0.40	ng	0.00
29) Chrysene-d12	21.291	240	79223	0.40	ng	#-0.01
35) Perylene-d12	23.539	264	44367	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	4797	0.12	ng	0.00
5) Phenol-d6	6.905	99	3424	0.07	ng	0.00
8) Nitrobenzene-d5	8.873	82	18420	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	41960	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	7120	0.59	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	58784	0.32	ng	0.00
27) Fluoranthene-d10	19.132	212	109813	0.41	ng	0.00
31) Terphenyl-d14	19.733	244	86554	0.47	ng	0.00

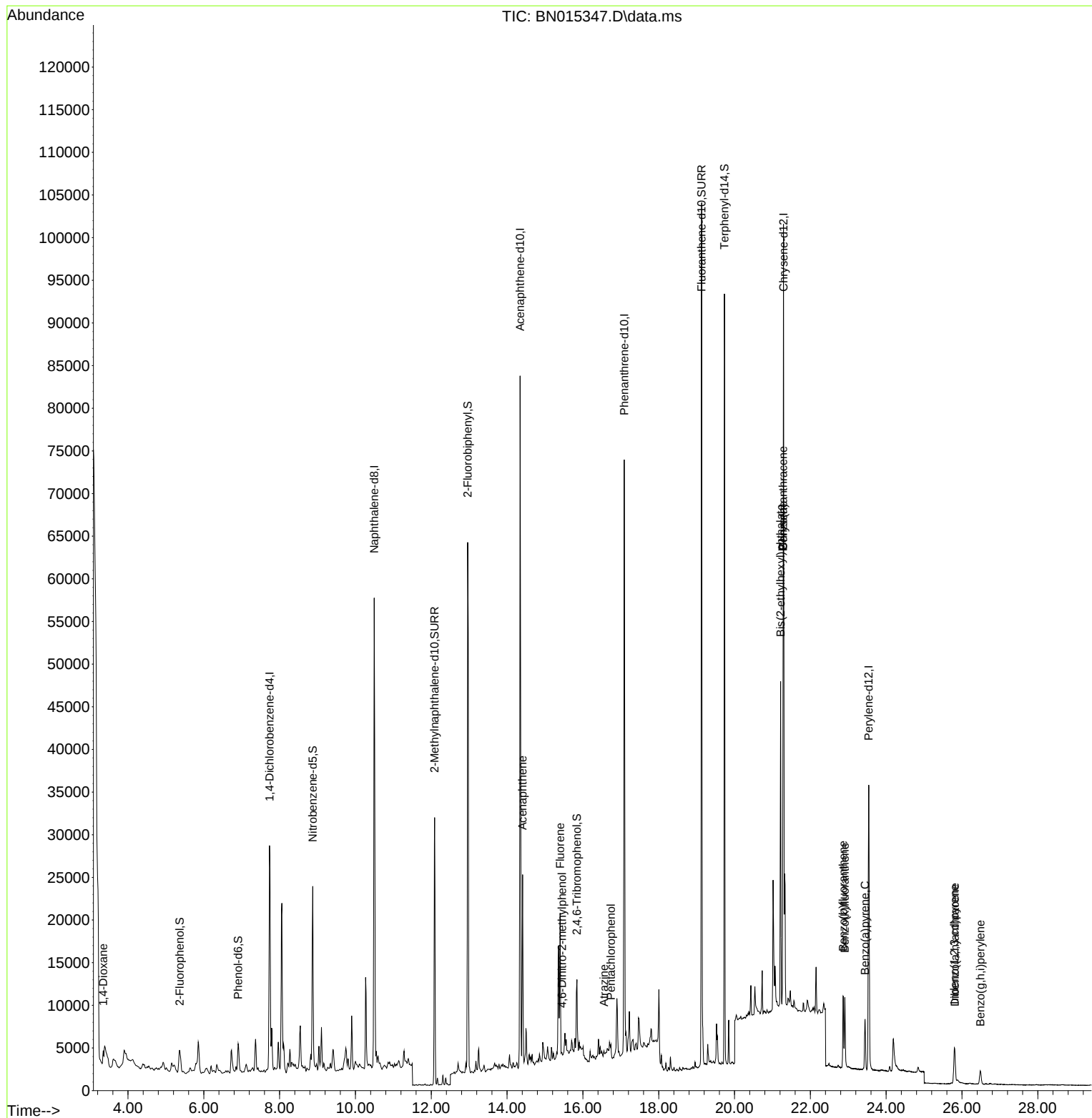
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	1200	0.16	ng	# 83
17) Acenaphthene	14.408	154	10674	0.08	ng	97
18) Fluorene	15.398	166	9933	0.06	ng	96
20) 4,6-Dinitro-2-methylph...	15.449	198	37	0.21	ng	# 1
23) Atrazine	16.555	200	118	0.18	ng	# 1
24) Pentachlorophenol	16.738	266	827	0.32	ng	# 39
32) Benzo(a)anthracene	21.281	228	14032	0.05	ng	# 96
33) Chrysene	21.281	228	13787	0.05	ng	94
34) Bis(2-ethylhexyl)phtha...	21.217	149	33085	0.49	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.798	276	4519	0.03	ng	# 88
37) Benzo(b)fluoranthene	22.865	252	10284	0.06	ng	# 78
38) Benzo(k)fluoranthene	22.909	252	9867	0.05	ng	# 83
39) Benzo(a)pyrene	23.443	252	7778	0.05	ng	# 68
40) Dibenzo(a,h)anthracene	25.812	278	4156	0.03	ng	# 77
41) Benzo(g,h,i)perylene	26.483	276	3221	0.02	ng	# 74

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

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Quant Time: Jul 07 01:33:00 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
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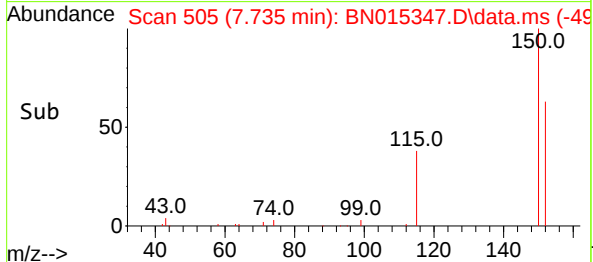
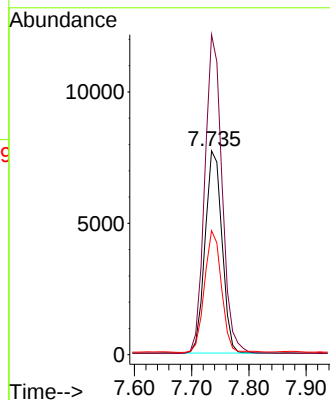
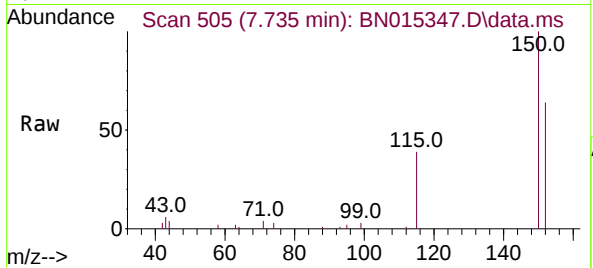




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.735 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: BN015347.D
 Acq: 06 Jul 2021 20:26

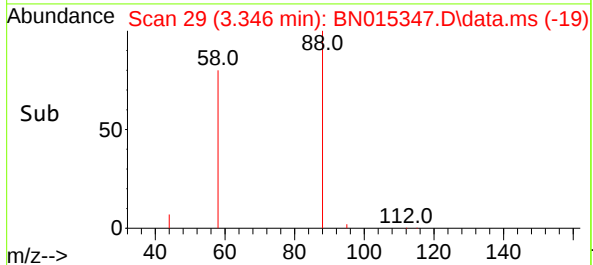
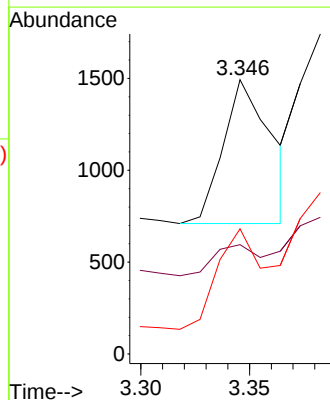
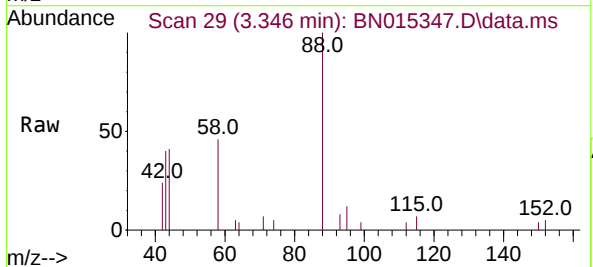
Instrument :
 BNA_N
 ClientSampleId :
 MW-07-6.5-11.5-062921

Tgt Ion: 152 Resp: 15758
 Ion Ratio Lower Upper
 152 100
 150 157.0 119.0 178.6
 115 60.9 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.16 ng
 RT: 3.346 min Scan# 29
 Delta R.T. -0.006 min
 Lab File: BN015347.D
 Acq: 06 Jul 2021 20:26

Tgt Ion: 88 Resp: 1200
 Ion Ratio Lower Upper
 88 100
 43 19.9 12.9 19.3#
 58 60.6 38.1 57.1#

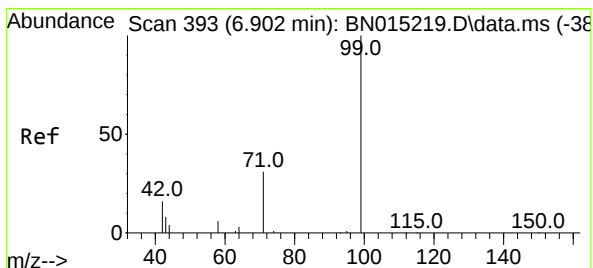
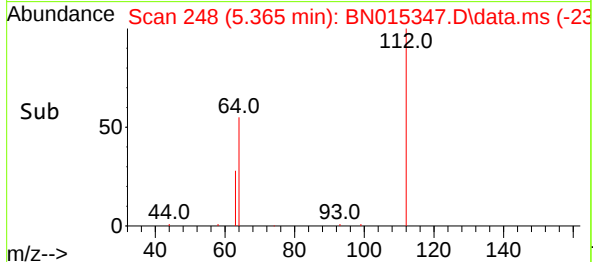
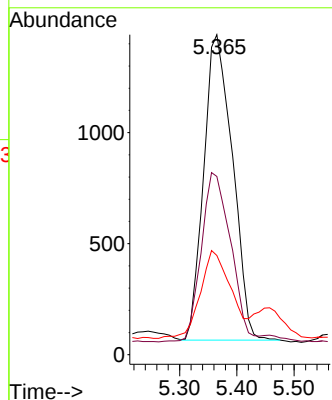
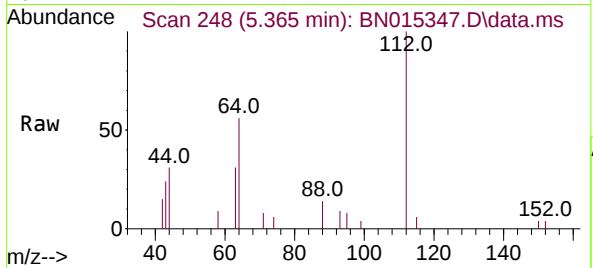




#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

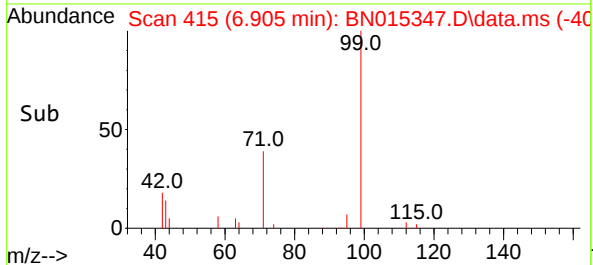
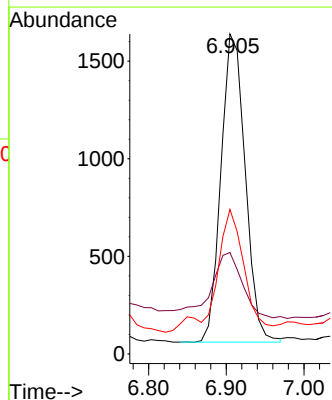
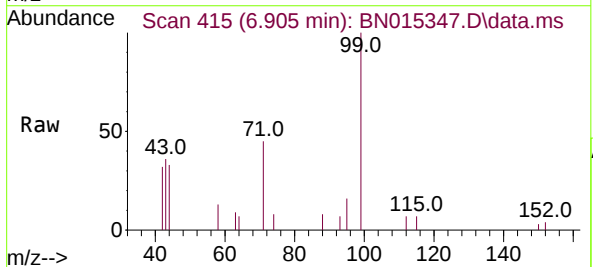
Instrument :
BNA_N
ClientSampleId :
MW-07-6.5-11.5-062921

Tgt Ion:112 Resp: 4797
Ion Ratio Lower Upper
112 100
64 56.0 39.0 58.6
63 29.1 20.6 30.8



#5
Phenol-d6
Concen: 0.07 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

Tgt Ion: 99 Resp: 3424
Ion Ratio Lower Upper
99 100
42 27.5 8.9 13.3#
71 45.6 35.6 53.4

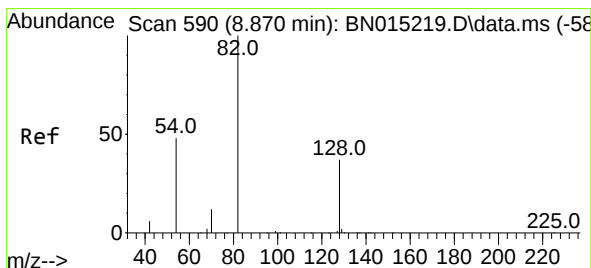
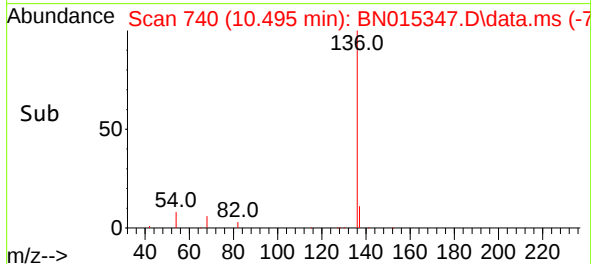
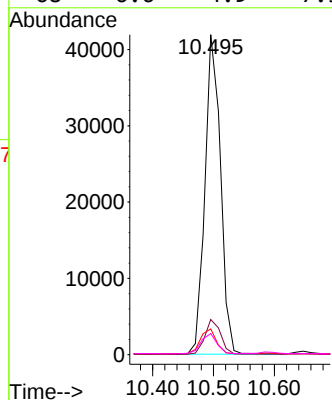
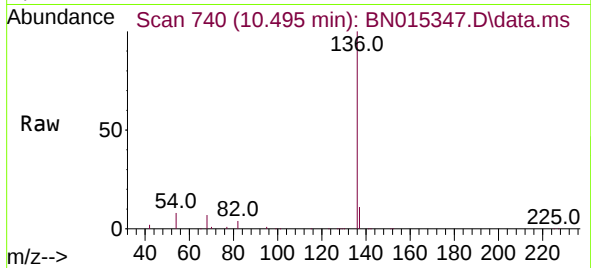




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

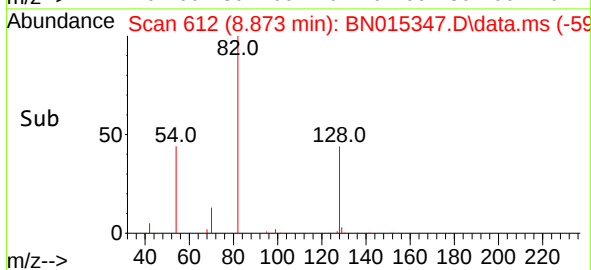
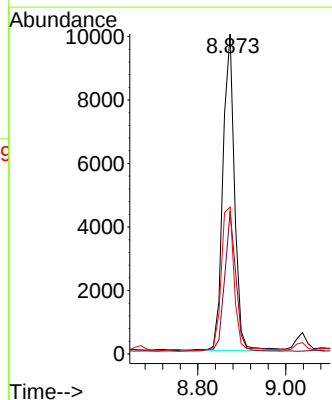
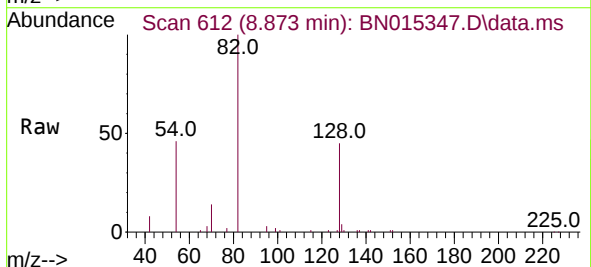
Instrument :
BNA_N
ClientSampleId :
MW-07-6.5-11.5-062921

Tgt Ion:	136	Resp:	74765
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.8
54	8.1	5.4	8.2
68	6.6	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.44 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

Tgt Ion:	82	Resp:	18420
Ion Ratio	Lower	Upper	
82	100		
128	44.6	31.6	47.4
54	46.0	29.0	43.4

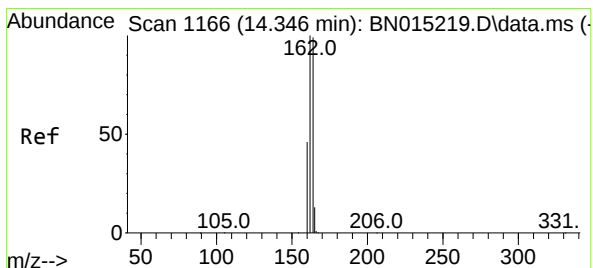
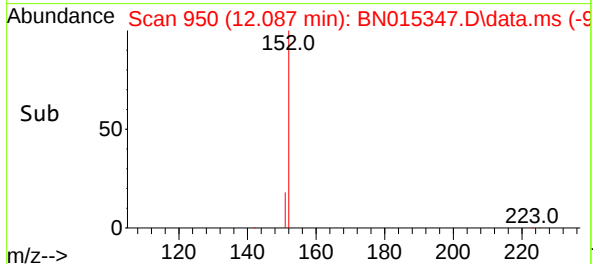
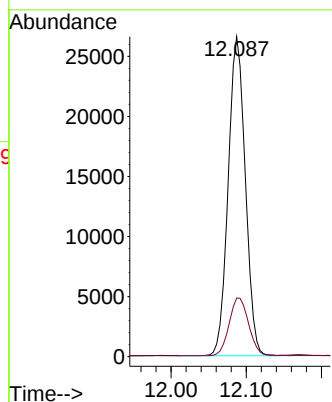
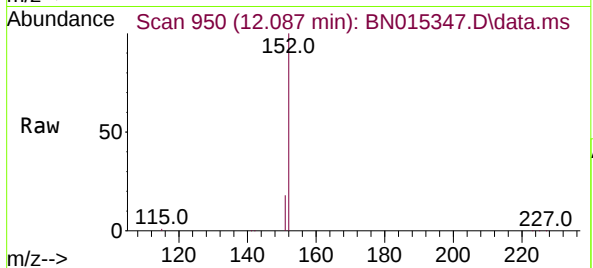




#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

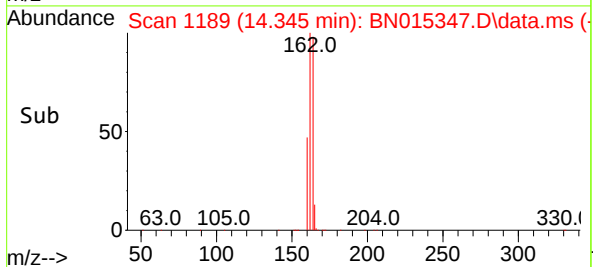
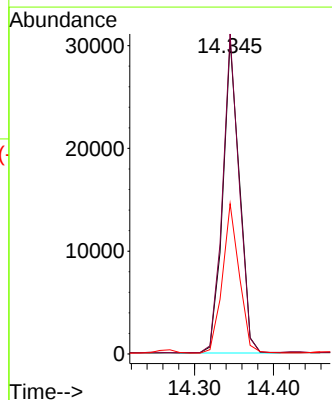
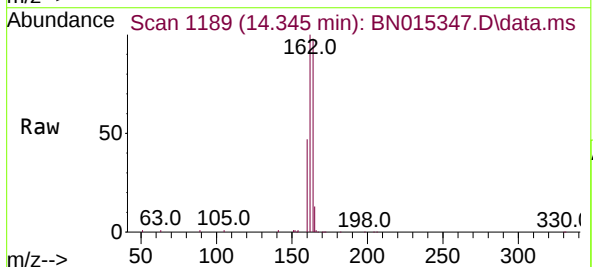
Instrument :
BNA_N
ClientSampleId :
MW-07-6.5-11.5-062921

Tgt Ion:152 Resp: 41960
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

Tgt Ion:164 Resp: 44564
Ion Ratio Lower Upper
164 100
162 101.9 83.8 125.6
160 47.8 37.4 56.0

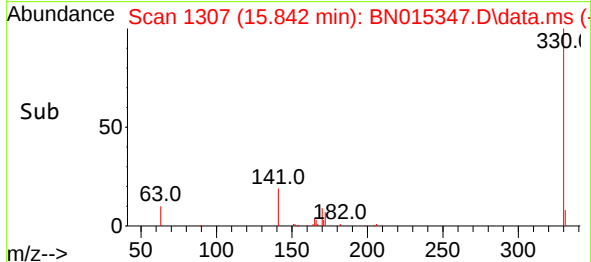
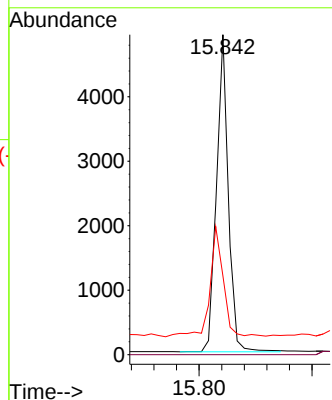
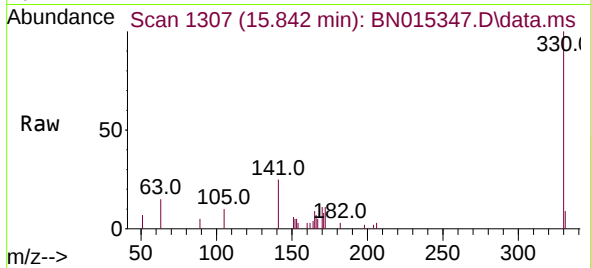




#14
2,4,6-Tribromophenol
Concen: 0.59 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

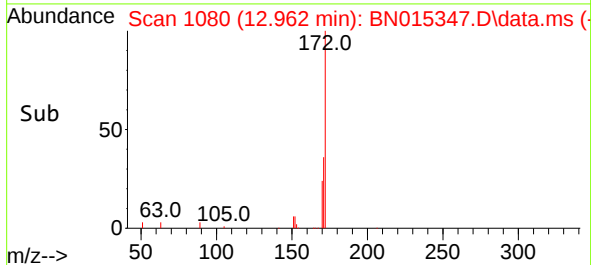
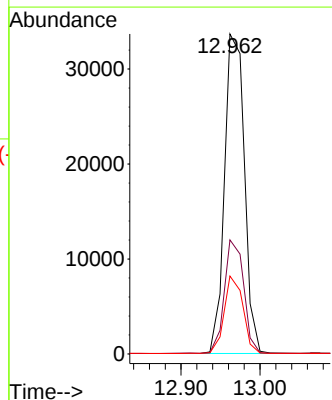
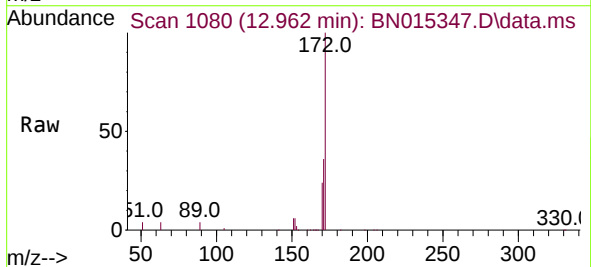
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ClientSampleId :
MW-07-6.5-11.5-062921

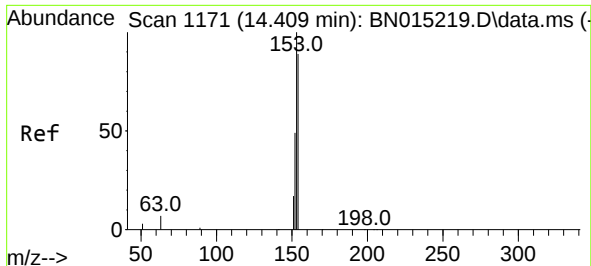
Tgt Ion:330 Resp: 7120
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.7 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

Tgt Ion:172 Resp: 58784
Ion Ratio Lower Upper
172 100
171 35.6 30.6 45.8
170 24.3 20.2 30.4

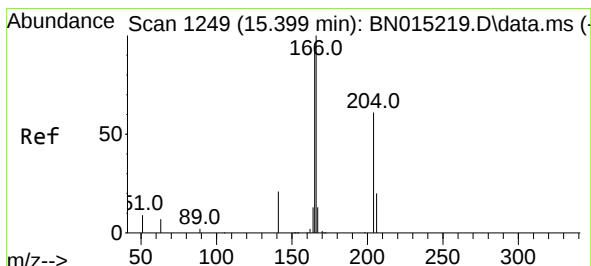
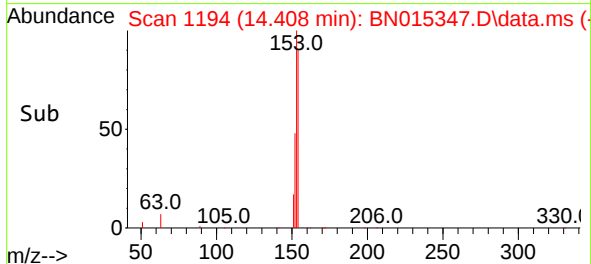
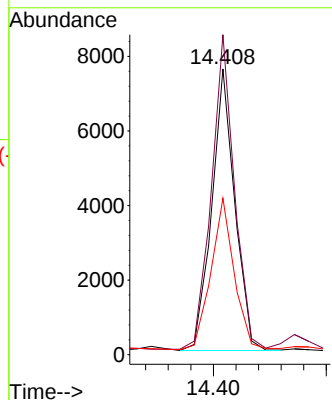
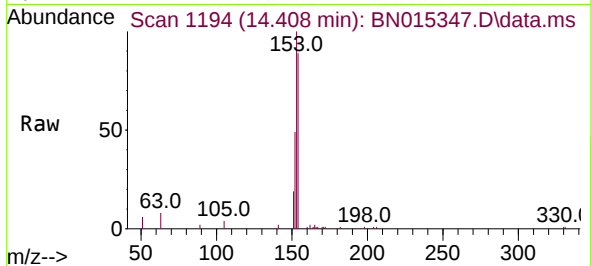




#17
Acenaphthene
Concen: 0.08 ng
RT: 14.408 min Scan# 1194
Delta R.T. -0.001 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

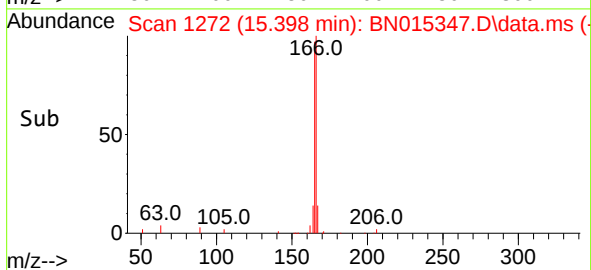
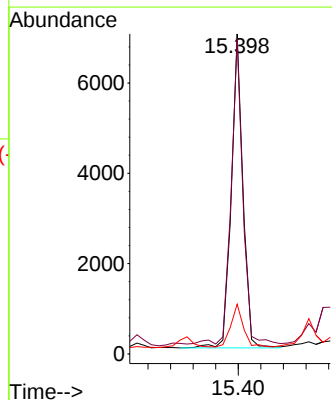
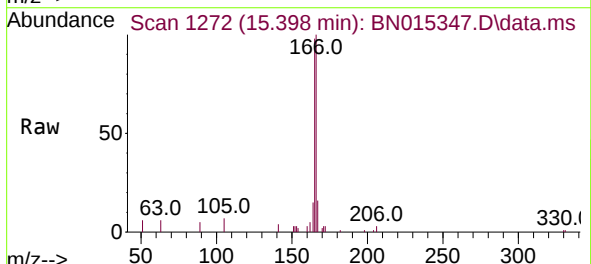
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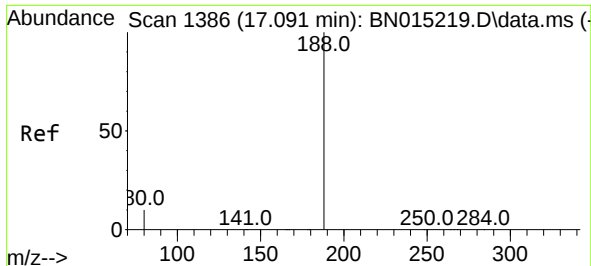
Tgt Ion:154 Resp: 10674
Ion Ratio Lower Upper
154 100
153 111.5 90.9 136.3
152 53.7 45.8 68.8



#18
Fluorene
Concen: 0.06 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.001 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

Tgt Ion:166 Resp: 9933
Ion Ratio Lower Upper
166 100
165 102.8 79.2 118.8
167 14.6 10.7 16.1

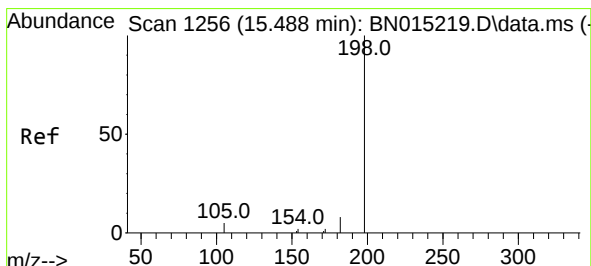
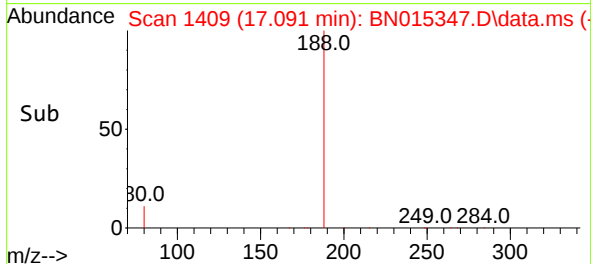
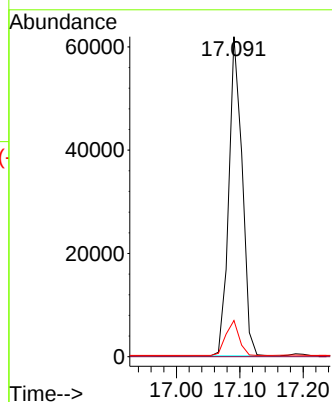
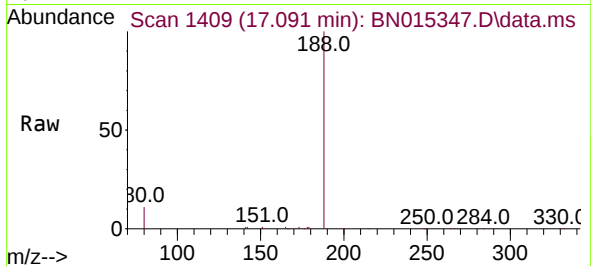




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

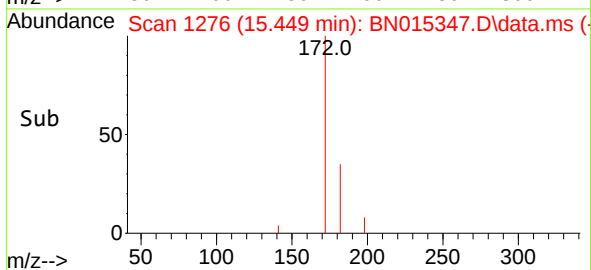
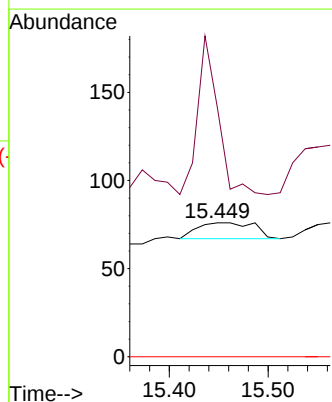
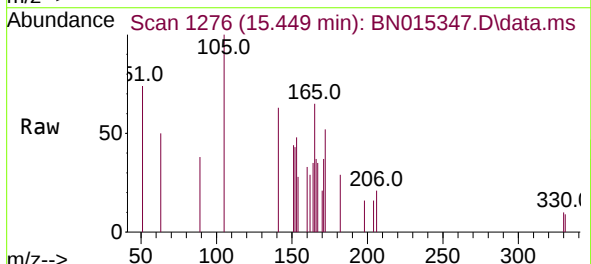
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MW-07-6.5-11.5-062921

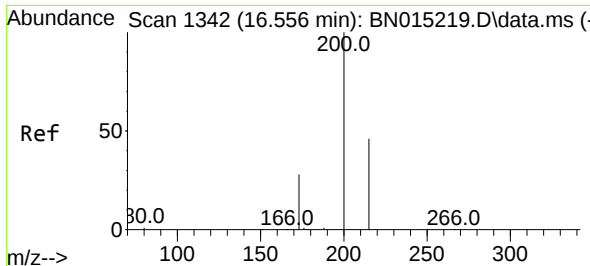
Tgt Ion:188 Resp: 90285
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.21 ng
RT: 15.449 min Scan# 1276
Delta R.T. -0.039 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

Tgt Ion:198 Resp: 37
Ion Ratio Lower Upper
198 100
182 185.5 34.5 51.7#
77 0.0 0.0 0.0

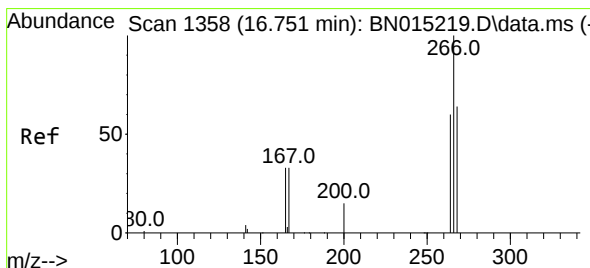
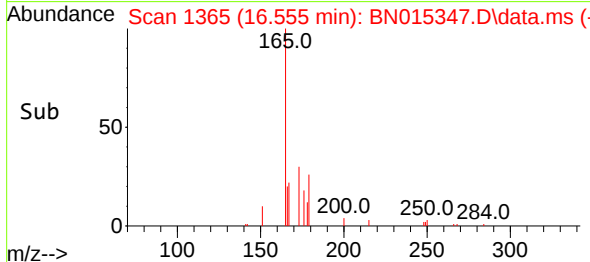
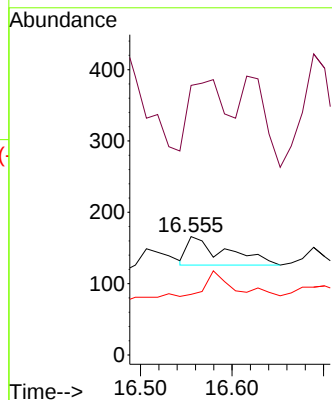
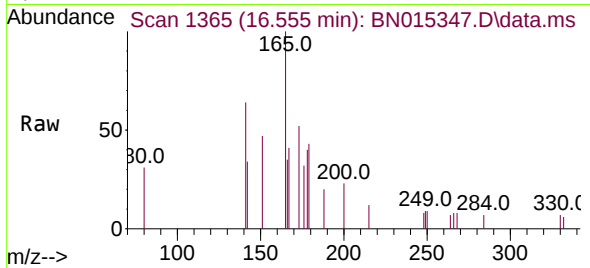




#23
Atrazine
Concen: 0.18 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

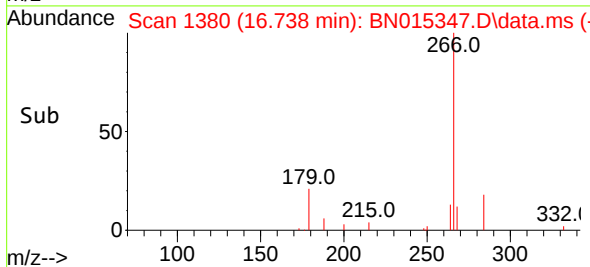
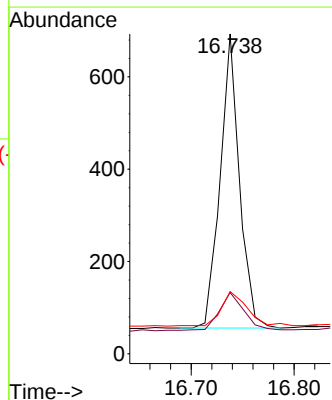
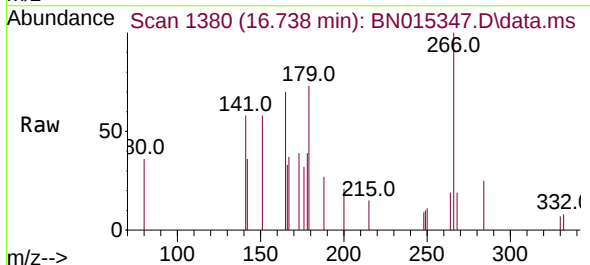
Instrument :
BNA_N
ClientSampleId :
MW-07-6.5-11.5-062921

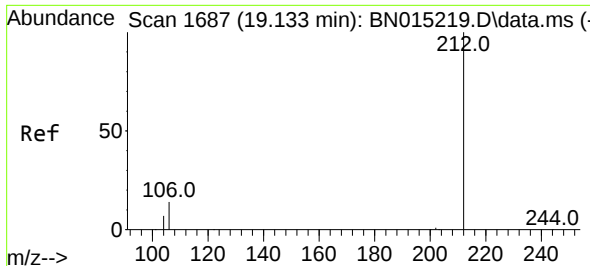
Tgt Ion:200 Resp: 118
Ion Ratio Lower Upper
200 100
173 227.7 21.7 32.5#
215 51.2 43.1 64.7



#24
Pentachlorophenol
Concen: 0.32 ng
RT: 16.738 min Scan# 1380
Delta R.T. -0.013 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

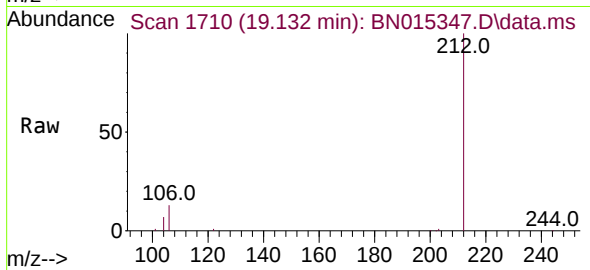
Tgt Ion:266 Resp: 827
Ion Ratio Lower Upper
266 100
264 16.3 51.0 76.4#
268 16.2 50.6 76.0#



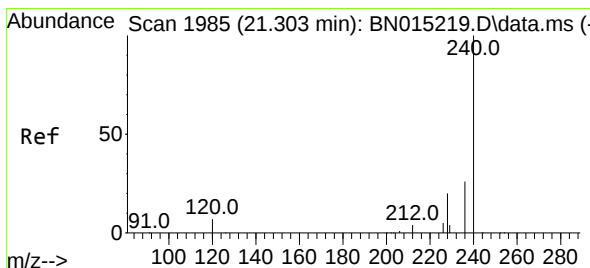
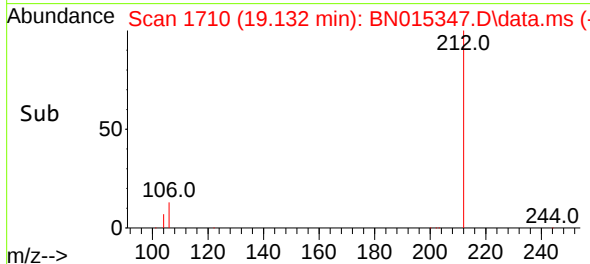
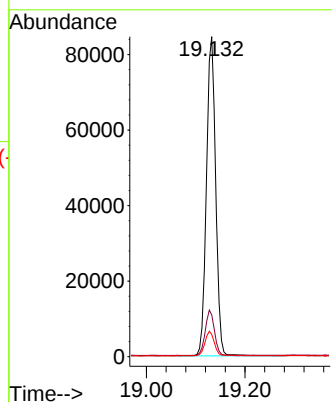


#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.132 min Scan# 1710
Delta R.T. -0.001 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

Instrument :
BNA_N
ClientSampleId :
MW-07-6.5-11.5-062921

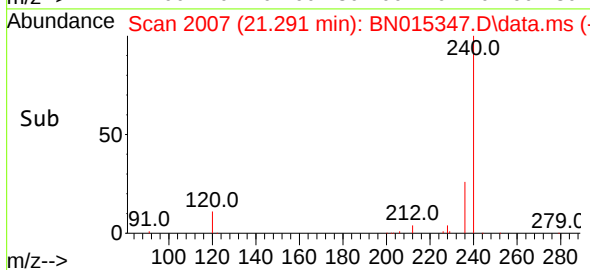
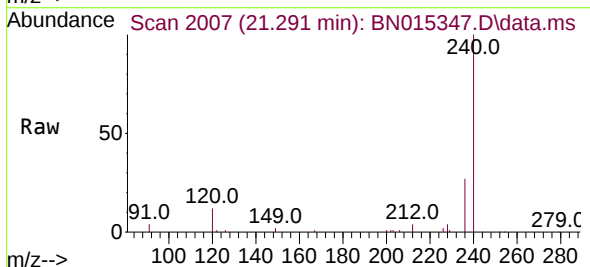
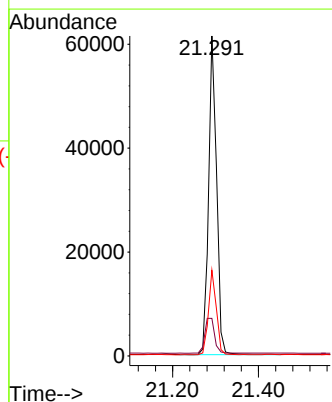


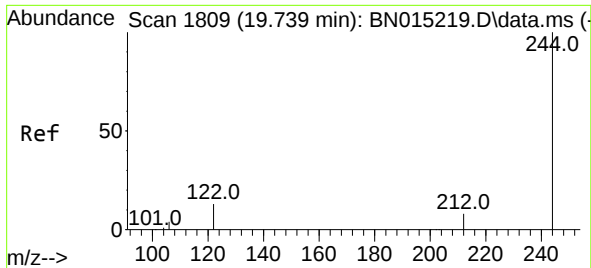
Tgt Ion:212 Resp: 109813
Ion Ratio Lower Upper
212 100
106 14.1 7.0 10.6#
104 7.7 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

Tgt Ion:240 Resp: 79223
Ion Ratio Lower Upper
240 100
120 11.8 4.2 6.4#
236 26.8 21.4 32.2

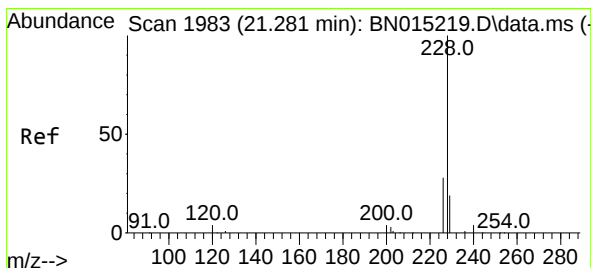
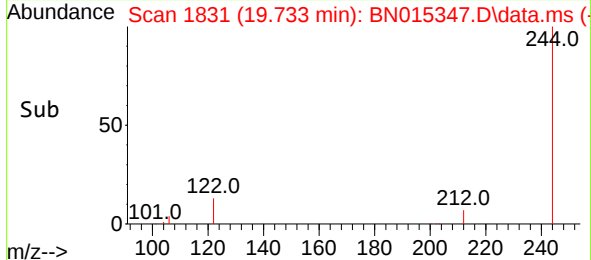
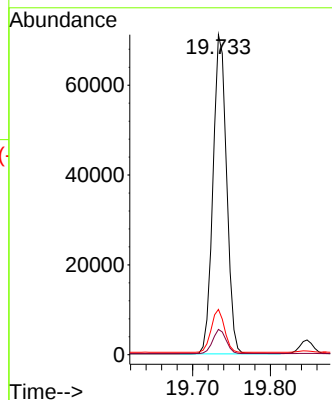
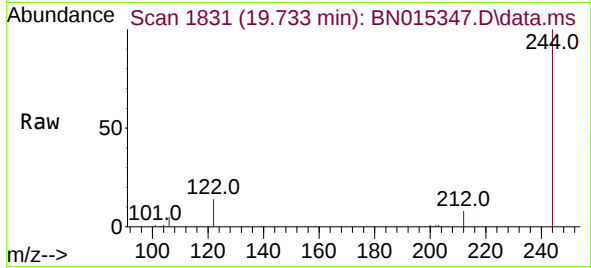




#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

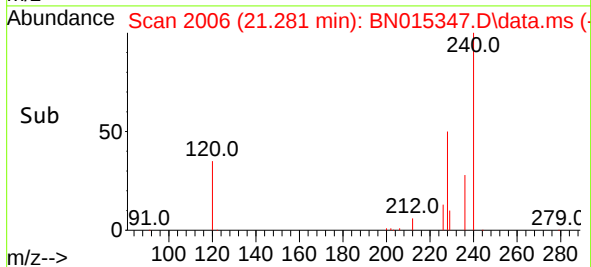
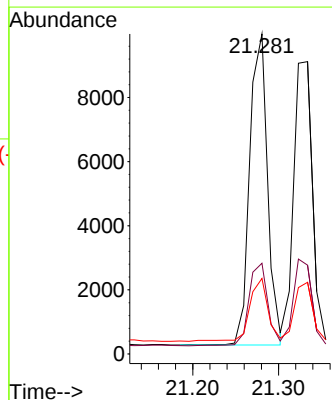
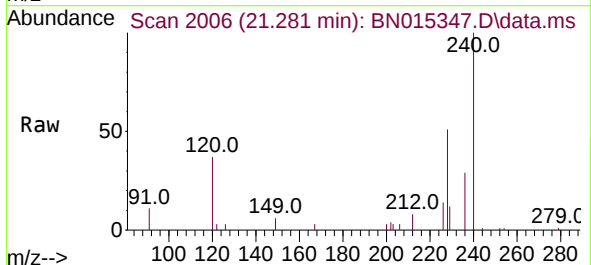
Instrument :
BNA_N
ClientSampleId :
MW-07-6.5-11.5-062921

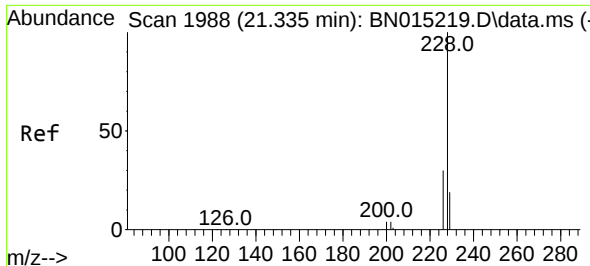
Tgt Ion:244 Resp: 86554
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 14.1 6.2 9.2#



#32
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

Tgt Ion:228 Resp: 14032
Ion Ratio Lower Upper
228 100
226 28.4 23.0 34.6
229 23.6 15.7 23.5#

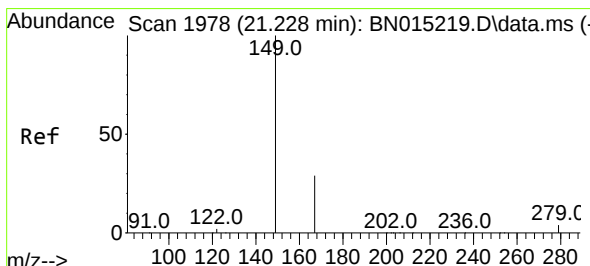
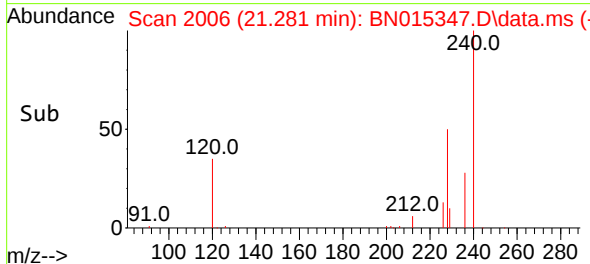
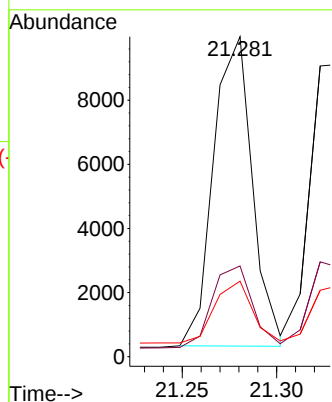
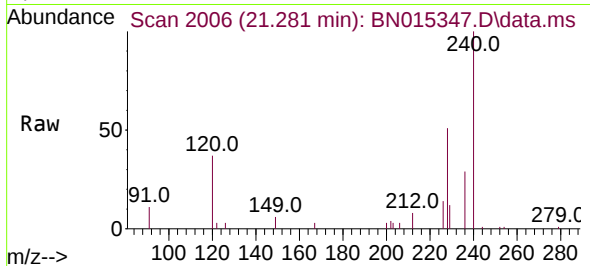




#33
Chrysene
Concen: 0.05 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.054 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

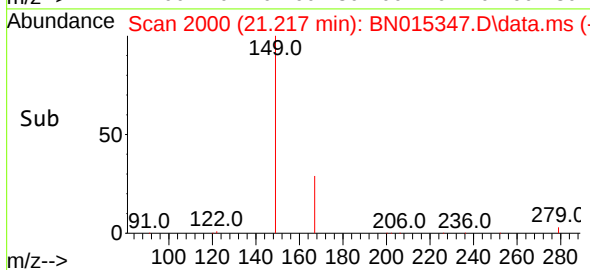
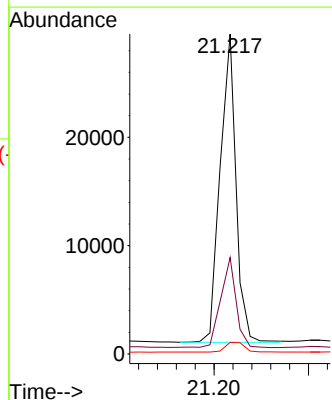
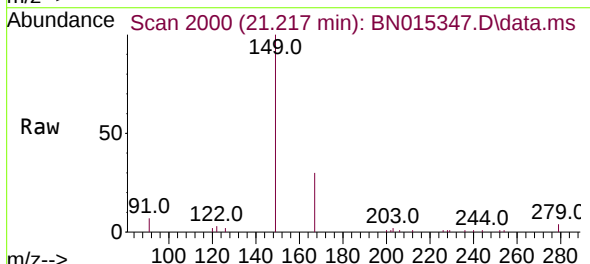
Instrument :
BNA_N
ClientSampleId :
MW-07-6.5-11.5-062921

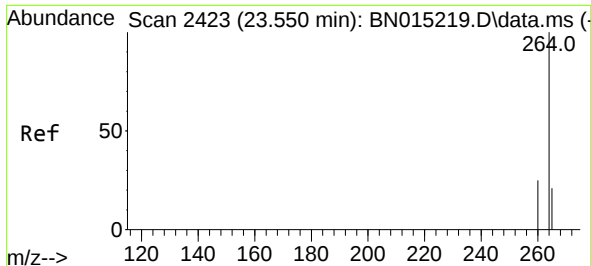
Tgt Ion:228	Resp:	13787
Ion Ratio	Lower	Upper
228	100	
226	28.4	25.0 37.6
229	23.6	15.9 23.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.49 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

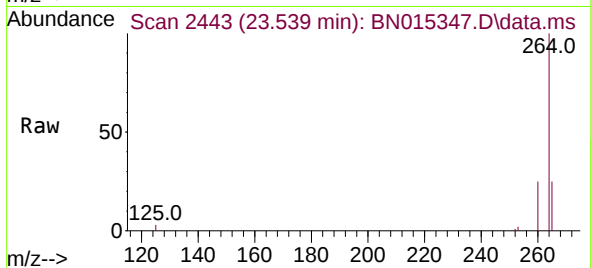
Tgt Ion:149	Resp:	33085
Ion Ratio	Lower	Upper
149	100	
167	28.5	28.9 43.3#
279	3.9	4.9 7.3#



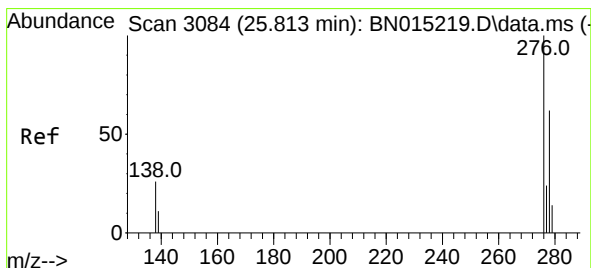
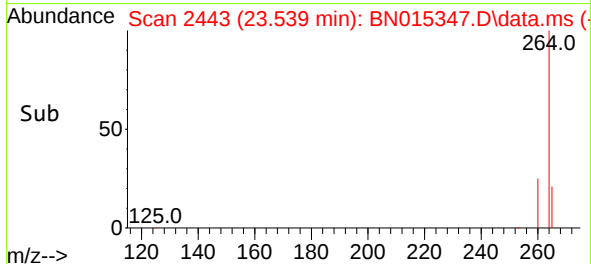
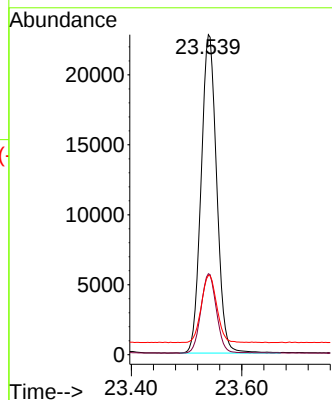


#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.539 min Scan# 2443
 Delta R.T. -0.011 min
 Lab File: BN015347.D
 Acq: 06 Jul 2021 20:26

Instrument :
 BNA_N
 ClientSampleId :
 MW-07-6.5-11.5-062921

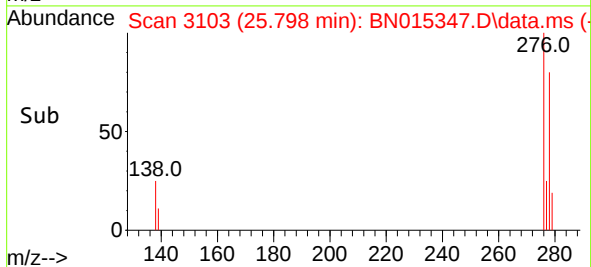
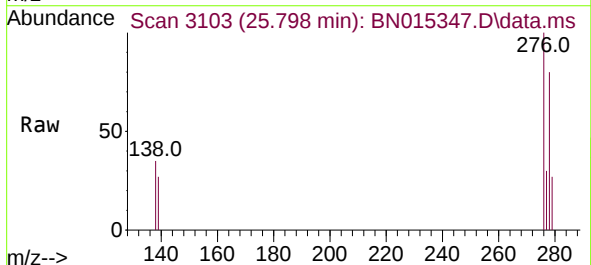
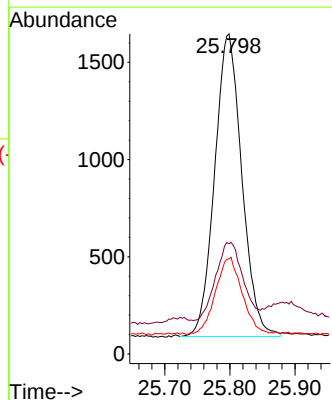


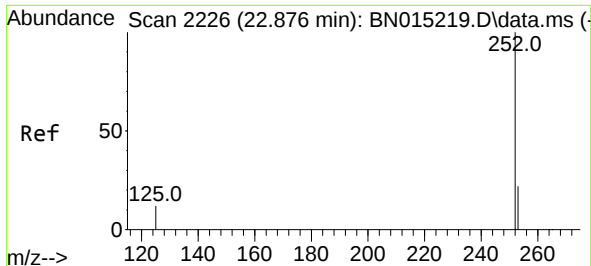
Tgt Ion:264 Resp: 44367
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.6 31.0
 265 24.8 21.4 32.2



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng
 RT: 25.798 min Scan# 3103
 Delta R.T. -0.015 min
 Lab File: BN015347.D
 Acq: 06 Jul 2021 20:26

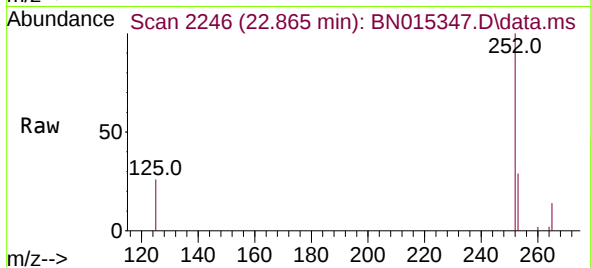
Tgt Ion:276 Resp: 4519
 Ion Ratio Lower Upper
 276 100
 138 25.9 10.0 15.0#
 277 25.1 20.4 30.6



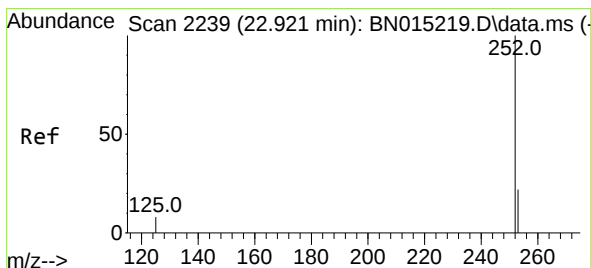
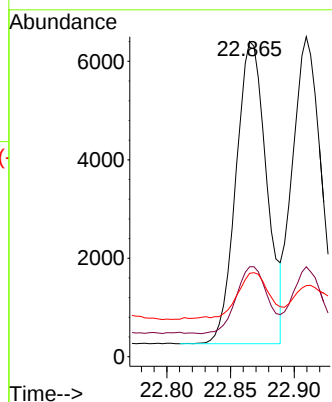


#37
Benzo(b)fluoranthene
Concen: 0.06 ng
RT: 22.865 min Scan# 2246
Delta R.T. -0.011 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

Instrument :
BNA_N
ClientSampleId :
MW-07-6.5-11.5-062921

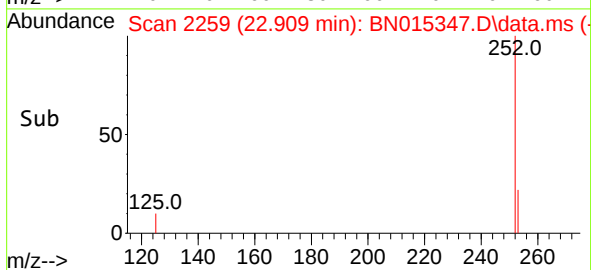
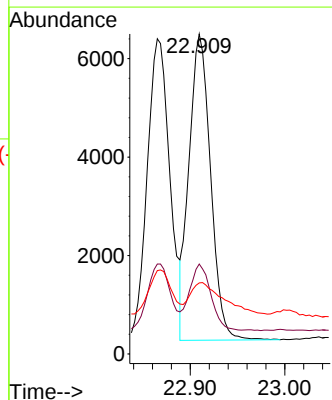
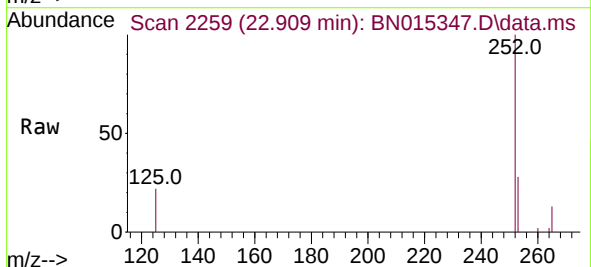


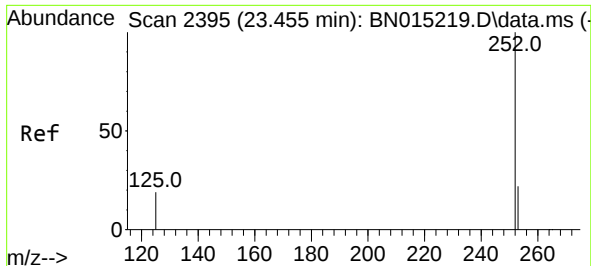
Tgt Ion:252 Resp: 10284
Ion Ratio Lower Upper
252 100
253 28.5 18.5 27.7#
125 26.4 5.8 8.6#



#38
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 22.909 min Scan# 2259
Delta R.T. -0.011 min
Lab File: BN015347.D
Acq: 06 Jul 2021 20:26

Tgt Ion:252 Resp: 9867
Ion Ratio Lower Upper
252 100
253 28.1 19.1 28.7
125 22.2 5.4 8.0#





#39

Benzo(a)pyrene

Concen: 0.05 ng

RT: 23.443 min Scan# 2415

Delta R.T. -0.011 min

Lab File: BN015347.D

Acq: 06 Jul 2021 20:26

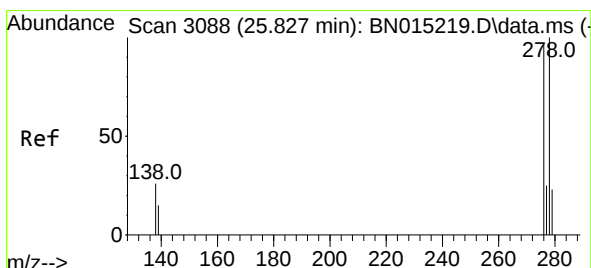
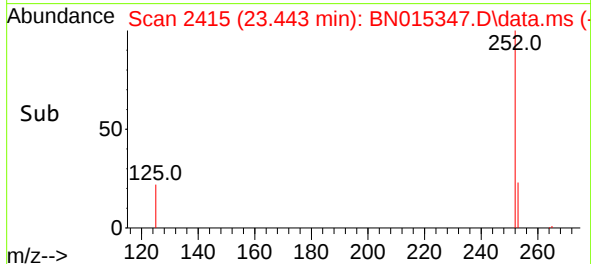
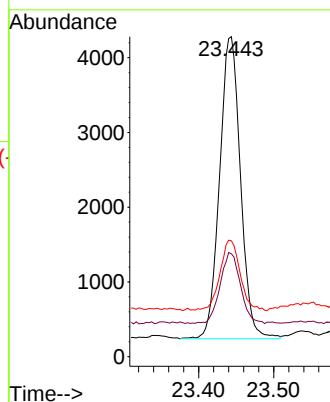
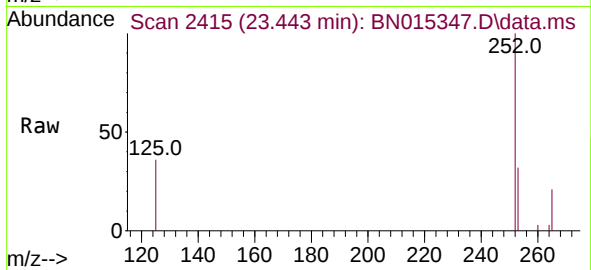
Tgt Ion:252	Resp:	7778
Ion Ratio	Lower	Upper
252	100	
253	32.2	19.4 29.2#
125	36.2	7.4 11.2#

Instrument :

BNA_N

ClientSampleId :

MW-07-6.5-11.5-062921



#40

Dibenzo(a,h)anthracene

Concen: 0.03 ng

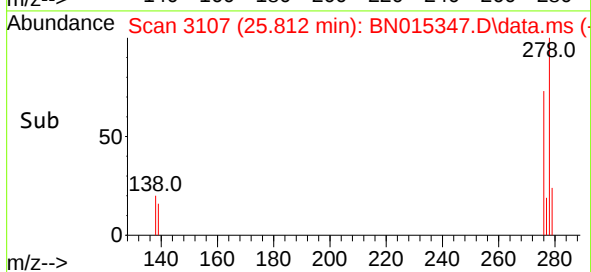
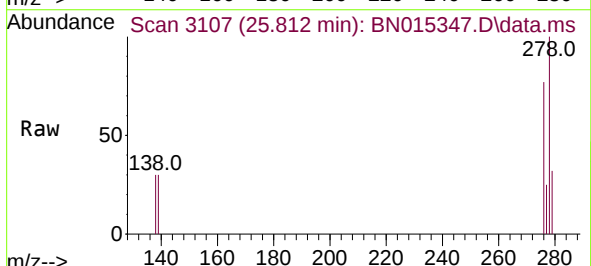
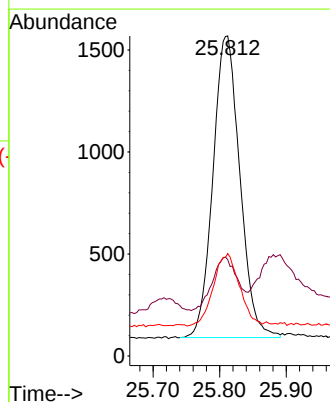
RT: 25.812 min Scan# 3107

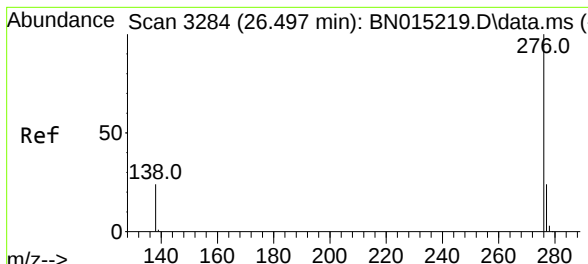
Delta R.T. -0.015 min

Lab File: BN015347.D

Acq: 06 Jul 2021 20:26

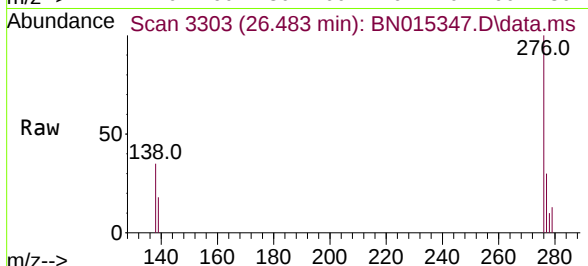
Tgt Ion:278	Resp:	4156
Ion Ratio	Lower	Upper
278	100	
139	30.1	9.0 13.4#
279	32.0	21.0 31.4#





#41
 Benzo(g,h,i)perylene
 Concen: 0.02 ng
 RT: 26.483 min Scan# 3303
 Delta R.T. -0.015 min
 Lab File: BN015347.D
 Acq: 06 Jul 2021 20:26

Instrument :
 BNA_N
 ClientSampleId :
 MW-07-6.5-11.5-062921



Tgt Ion: 276 Resp: 3221
 Ion Ratio Lower Upper
 276 100
 277 29.5 19.7 29.5#
 138 34.6 9.8 14.6#

