

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015345.D
 Acq On : 06 Jul 2021 19:13
 Operator : CG/JU
 Sample : M2898-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-07-1.5-6.5-062921

Quant Time: Jul 07 01:32:42 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)

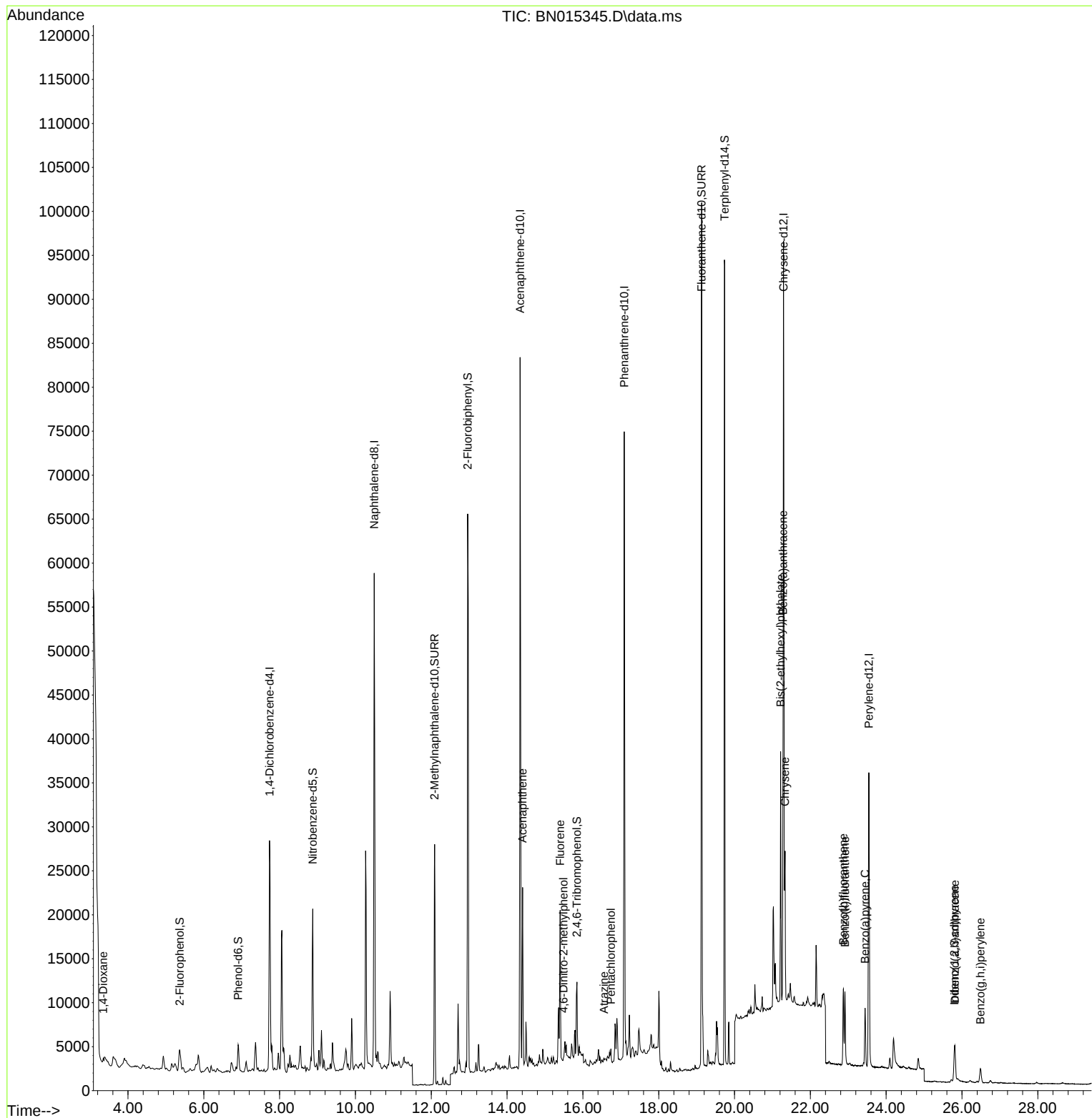
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	15774	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	75119	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	45150	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	90802	0.40	ng	0.00
29) Chrysene-d12	21.291	240	78659	0.40	ng	#-0.01
35) Perylene-d12	23.543	264	44645	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	4476	0.11	ng	0.00
5) Phenol-d6	6.905	99	3357	0.07	ng	0.00
8) Nitrobenzene-d5	8.873	82	15779	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	36406	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	7000	0.58	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	59972	0.33	ng	0.00
27) Fluoranthene-d10	19.132	212	104767	0.39	ng	0.00
31) Terphenyl-d14	19.738	244	92367	0.50	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.345	88	316	0.04	ng	# 58
17) Acenaphthene	14.408	154	9842	0.07	ng	97
18) Fluorene	15.398	166	10255	0.06	ng	98
20) 4,6-Dinitro-2-methylph...	15.487	198	30	0.21	ng	# 1
23) Atrazine	16.555	200	84	0.17	ng	# 1
24) Pentachlorophenol	16.738	266	949	0.33	ng	# 38
32) Benzo(a)anthracene	21.280	228	14383	0.05	ng	97
33) Chrysene	21.334	228	13611	0.05	ng	96
34) Bis(2-ethylhexyl)phtha...	21.217	149	23276	0.39	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.798	276	4588	0.03	ng	# 89
37) Benzo(b)fluoranthene	22.868	252	10321	0.06	ng	# 70
38) Benzo(k)fluoranthene	22.913	252	9732	0.05	ng	# 81
39) Benzo(a)pyrene	23.443	252	7800	0.05	ng	# 57
40) Dibenzo(a,h)anthracene	25.815	278	4127	0.03	ng	# 75
41) Benzo(g,h,i)perylene	26.486	276	3265	0.02	ng	# 69

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

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QLast Update : Thu Jul 01 09:06:31 2021
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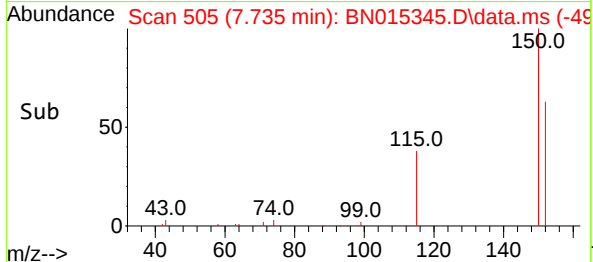
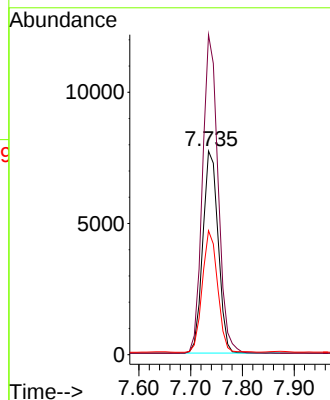
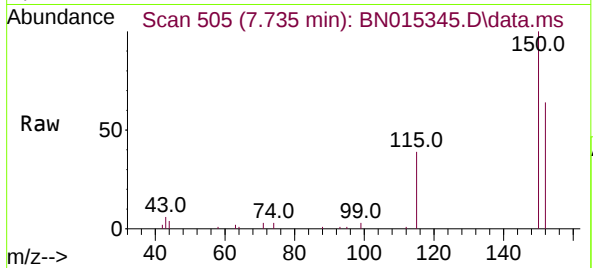




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.735 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: BN015345.D
 Acq: 06 Jul 2021 19:13

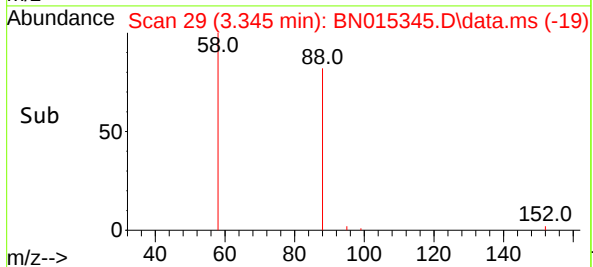
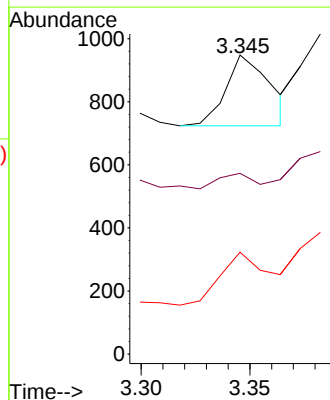
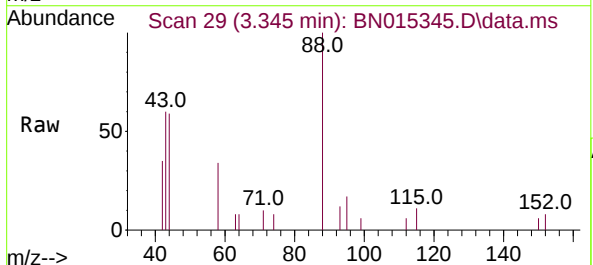
Instrument :
 BNA_N
 ClientSampleId :
 MW-07-1.5-6.5-062921

Tgt Ion: 152 Resp: 15774
 Ion Ratio Lower Upper
 152 100
 150 157.1 119.0 178.6
 115 60.9 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.04 ng
 RT: 3.345 min Scan# 29
 Delta R.T. -0.006 min
 Lab File: BN015345.D
 Acq: 06 Jul 2021 19:13

Tgt Ion: 88 Resp: 316
 Ion Ratio Lower Upper
 88 100
 43 18.0 12.9 19.3
 58 84.5 38.1 57.1#

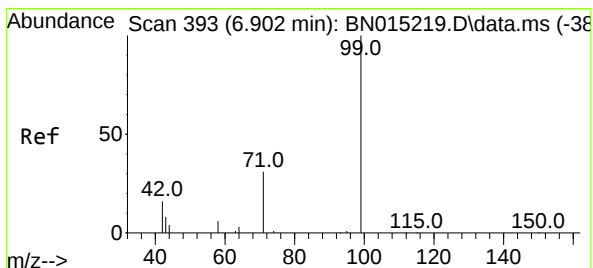
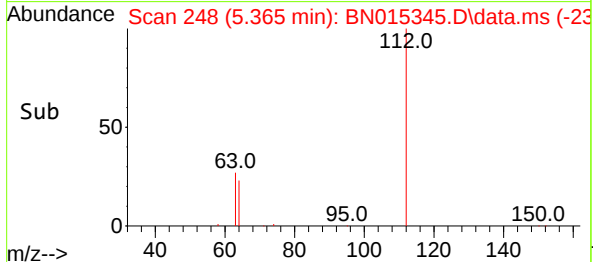
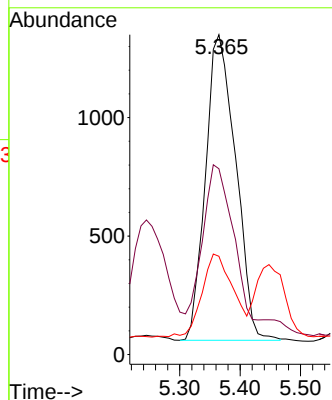
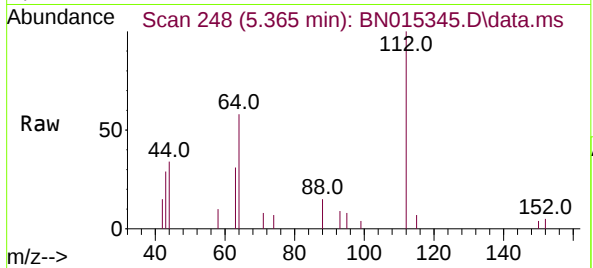




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

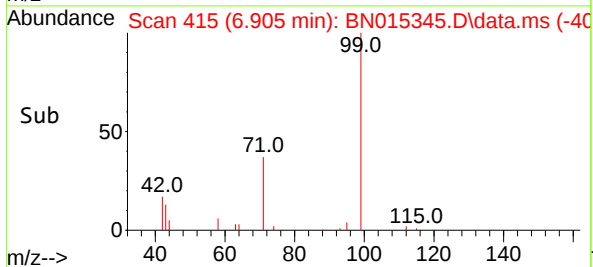
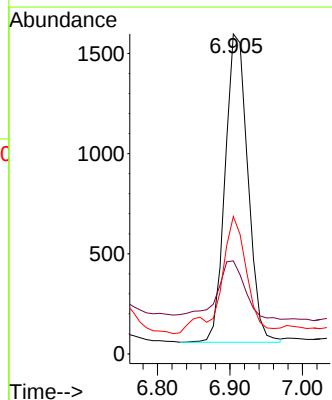
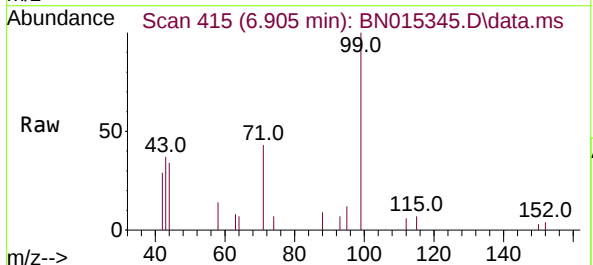
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-6.5-062921

Tgt Ion:112 Resp: 4476
Ion Ratio Lower Upper
112 100
64 54.2 39.0 58.6
63 27.7 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: BN015345.D
Acq: 06 Jul 2021 19:13

Tgt Ion: 99 Resp: 3357
Ion Ratio Lower Upper
99 100
42 23.8 8.9 13.3#
71 43.2 35.6 53.4

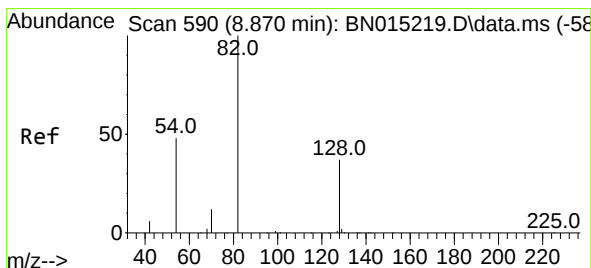
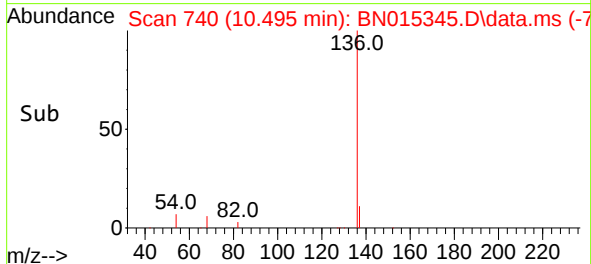
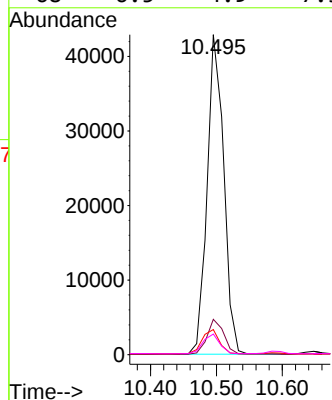
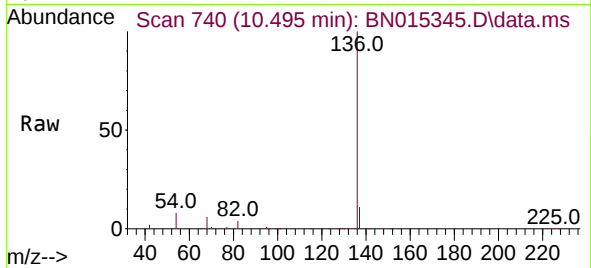




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

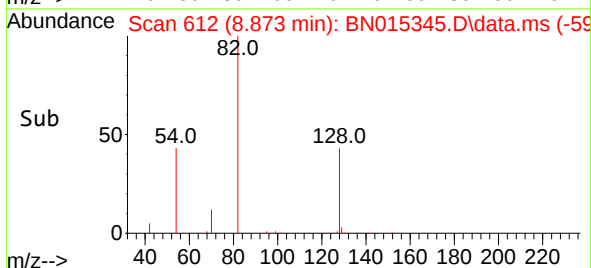
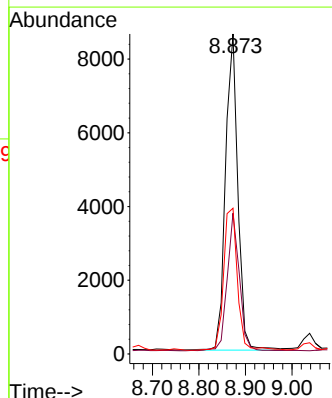
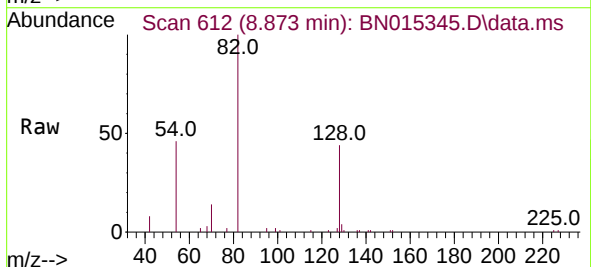
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-6.5-062921

Tgt Ion:	136	Resp:	75119
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	7.9	5.4	8.2
68	6.5	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

Tgt Ion:	82	Resp:	15779
Ion	Ratio	Lower	Upper
82	100		
128	44.0	31.6	47.4
54	45.5	29.0	43.4

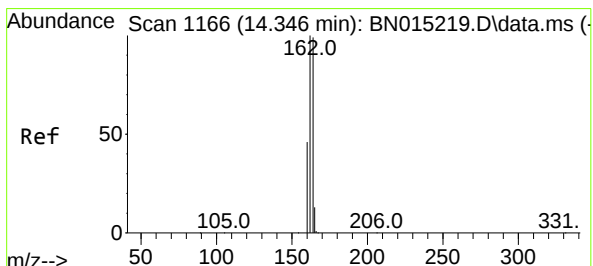
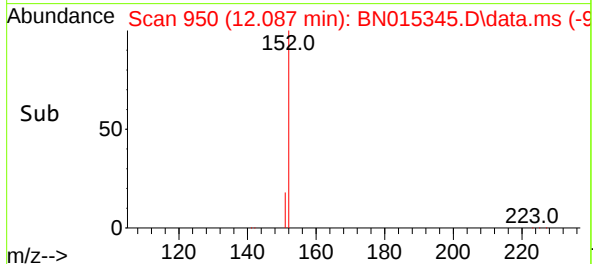
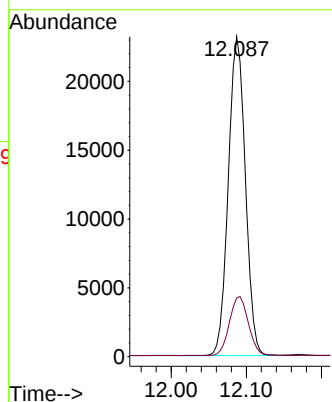
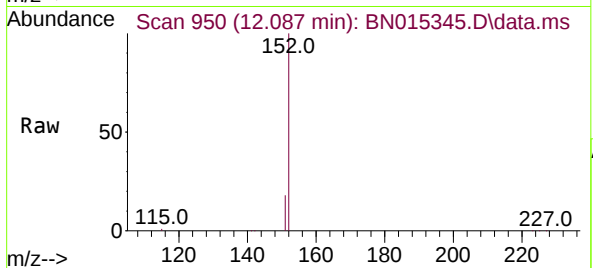




#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

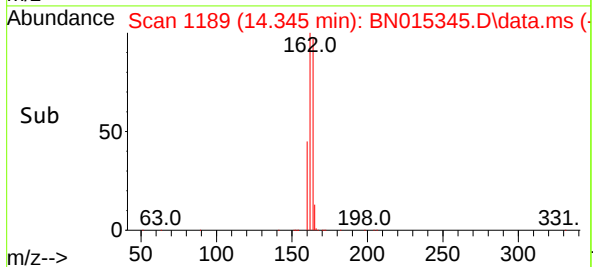
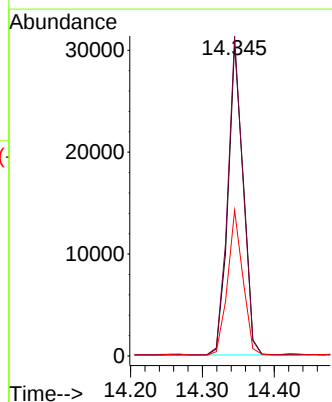
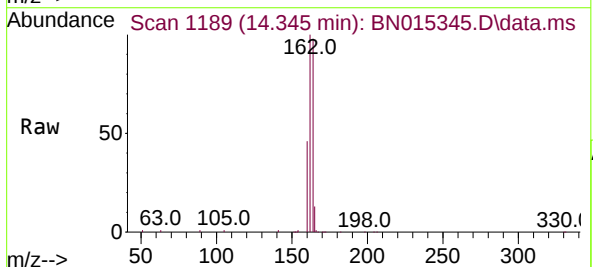
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-6.5-062921

Tgt Ion:152 Resp: 36406
Ion Ratio Lower Upper
152 100
151 20.5 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: BN015345.D
Acq: 06 Jul 2021 19:13

Tgt Ion:164 Resp: 45150
Ion Ratio Lower Upper
164 100
162 102.6 83.8 125.6
160 46.7 37.4 56.0

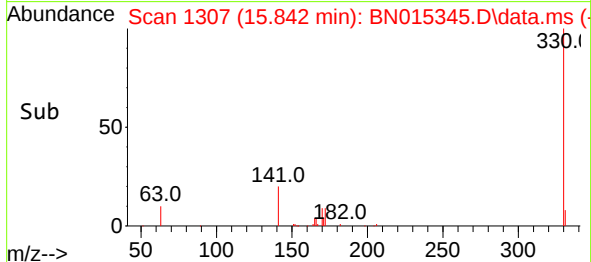
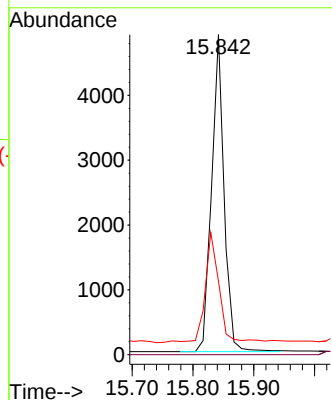
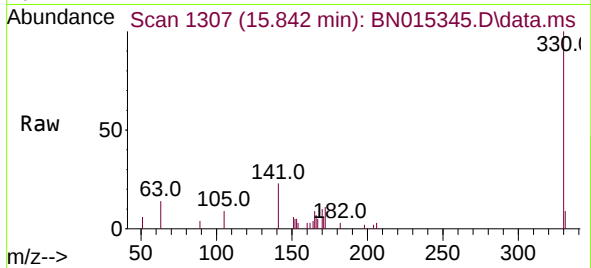




#14
2,4,6-Tribromophenol
Concen: 0.58 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

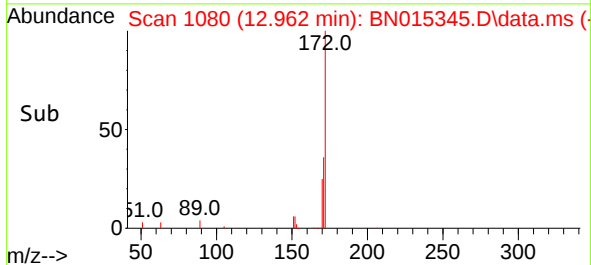
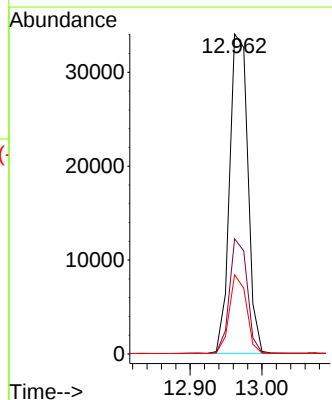
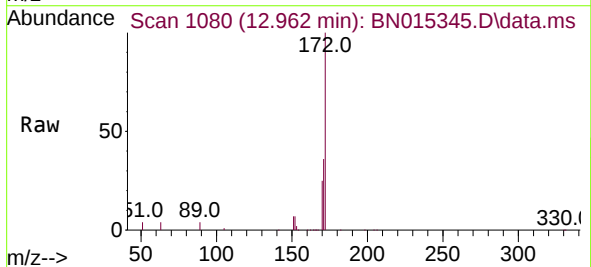
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ClientSampleId :
MW-07-1.5-6.5-062921

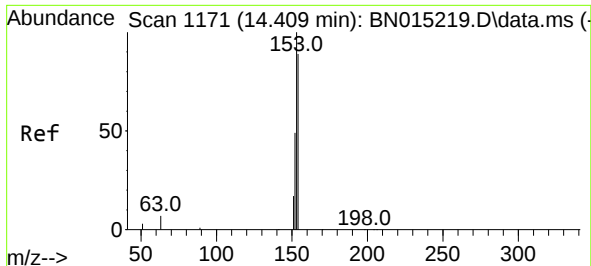
Tgt Ion:330 Resp: 7000
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.2 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

Tgt Ion:172 Resp: 59972
Ion Ratio Lower Upper
172 100
171 36.0 30.6 45.8
170 24.7 20.2 30.4

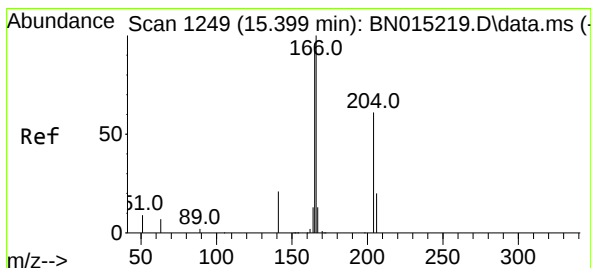
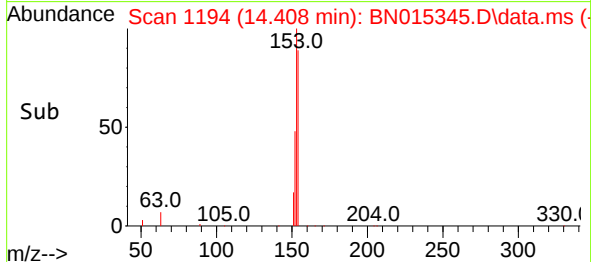
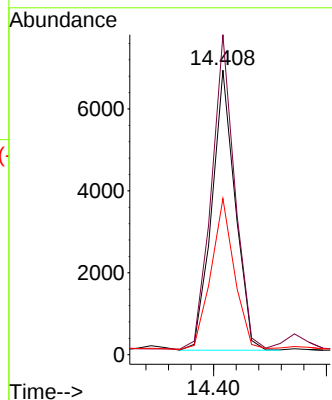
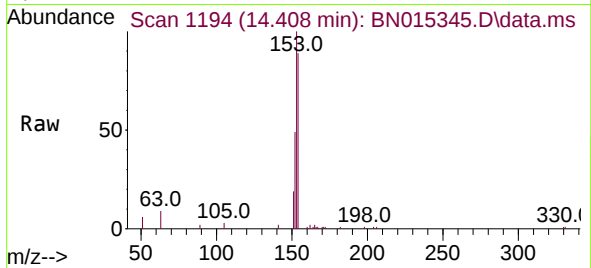




#17
Acenaphthene
Concen: 0.07 ng
RT: 14.408 min Scan# 1194
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

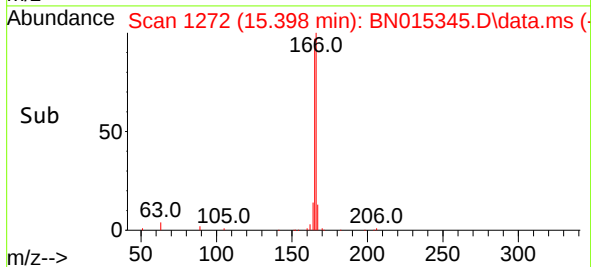
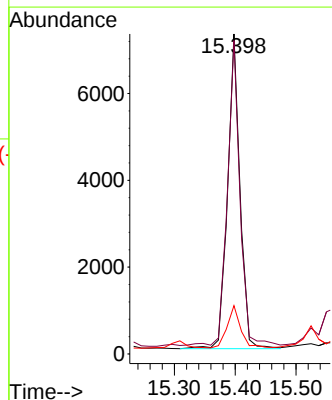
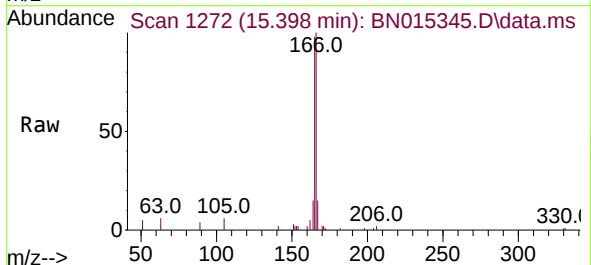
Instrument :
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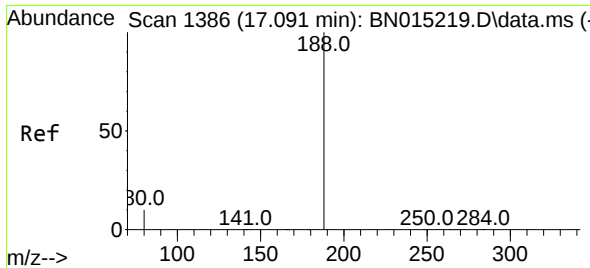
Tgt Ion:154 Resp: 9842
Ion Ratio Lower Upper
154 100
153 111.5 90.9 136.3
152 54.3 45.8 68.8



#18
Fluorene
Concen: 0.06 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

Tgt Ion:166 Resp: 10255
Ion Ratio Lower Upper
166 100
165 97.0 79.2 118.8
167 14.4 10.7 16.1

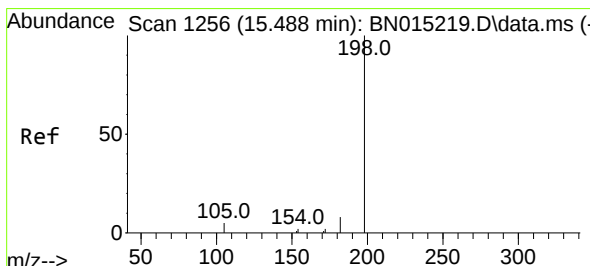
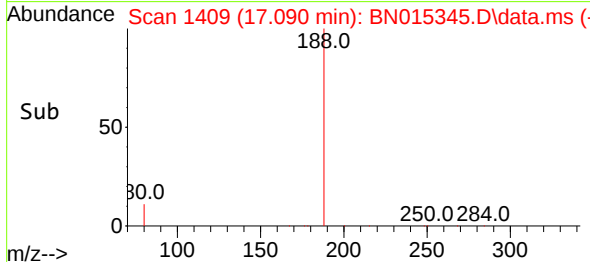
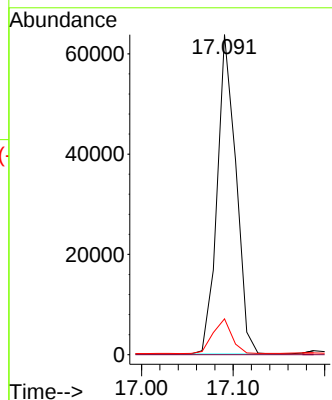
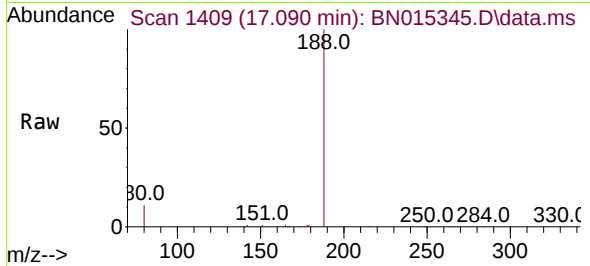




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

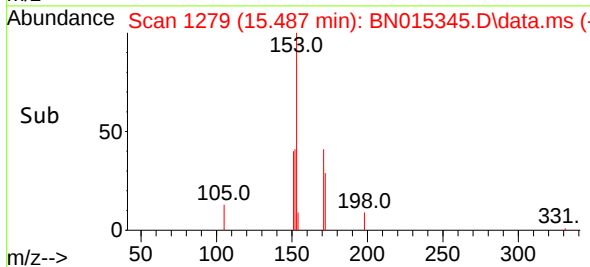
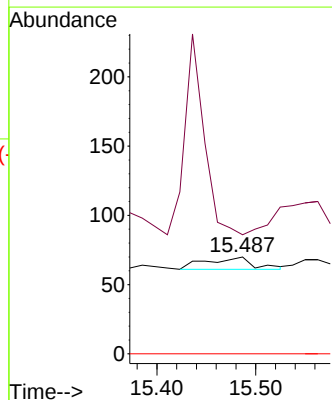
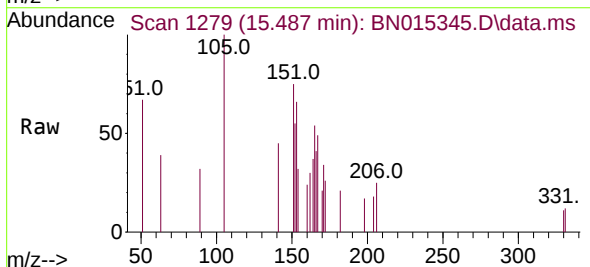
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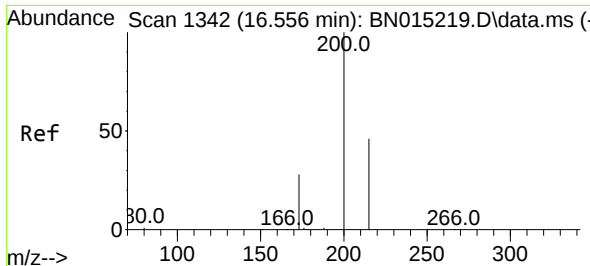
Tgt Ion:188	Resp:	90802
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	11.2	9.0
		13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.21 ng
RT: 15.487 min Scan# 1279
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

Tgt Ion:198	Resp:	30
Ion Ratio	Lower	Upper
198	100	
182	122.9	34.5
77	0.0	0.0
		51.7#

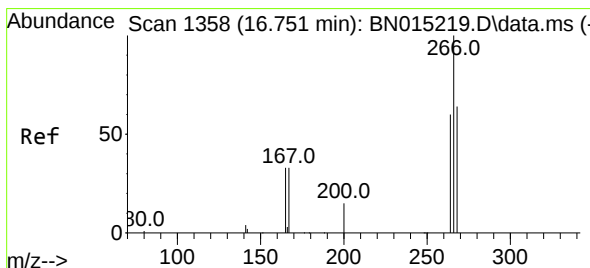
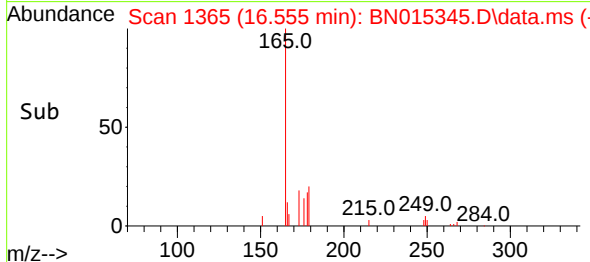
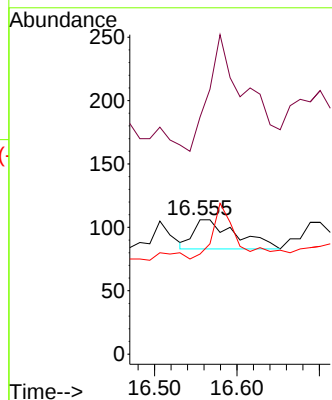
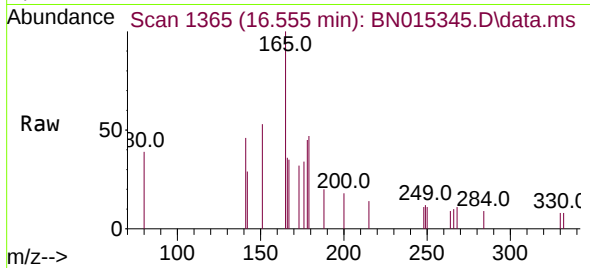




#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

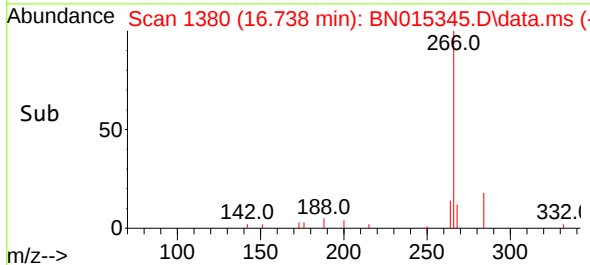
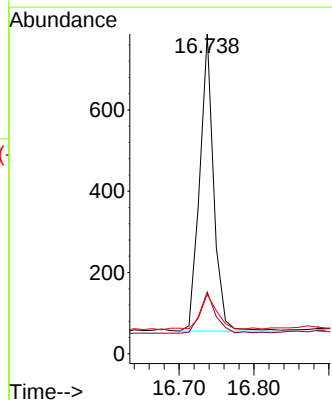
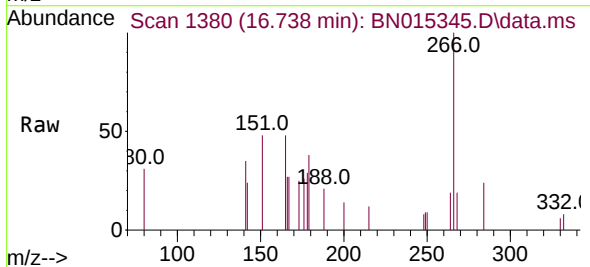
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-6.5-062921

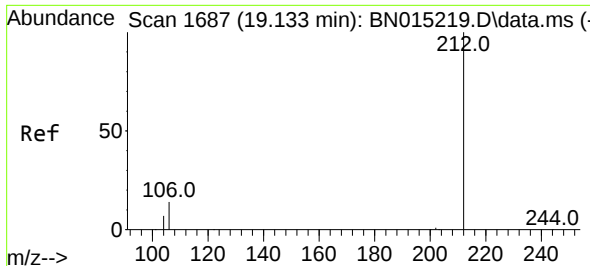
Tgt Ion:200 Resp: 84
Ion Ratio Lower Upper
200 100
173 176.4 21.7 32.5#
215 74.5 43.1 64.7#



#24
Pentachlorophenol
Concen: 0.33 ng
RT: 16.738 min Scan# 1380
Delta R.T. -0.013 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

Tgt Ion:266 Resp: 949
Ion Ratio Lower Upper
266 100
264 15.7 51.0 76.4#
268 14.9 50.6 76.0#

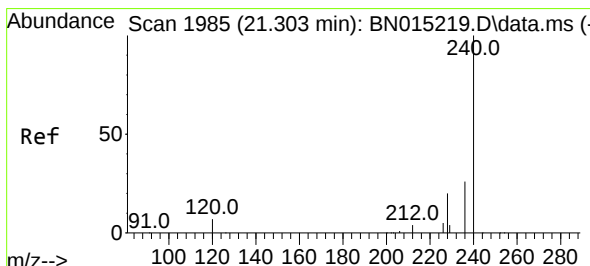
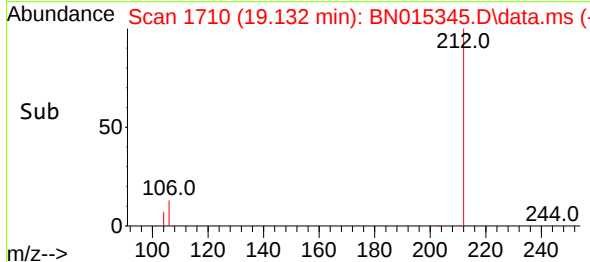
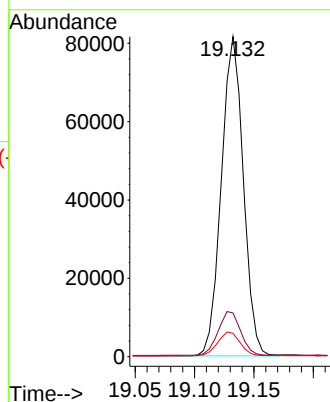
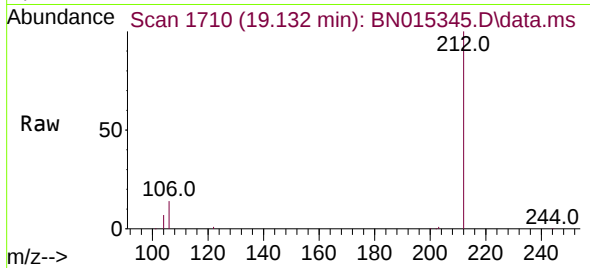




#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.132 min Scan# 1710
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

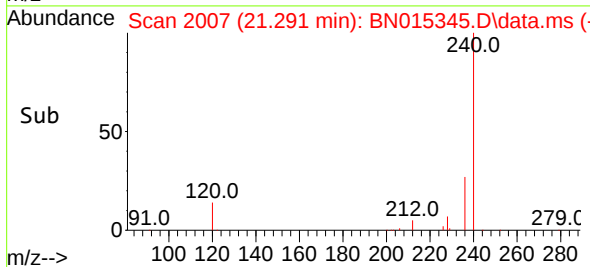
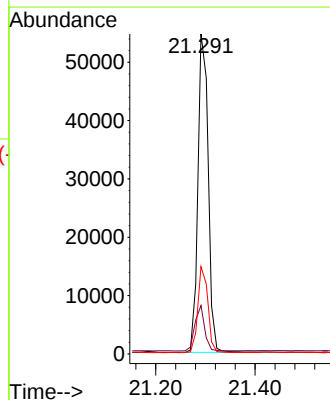
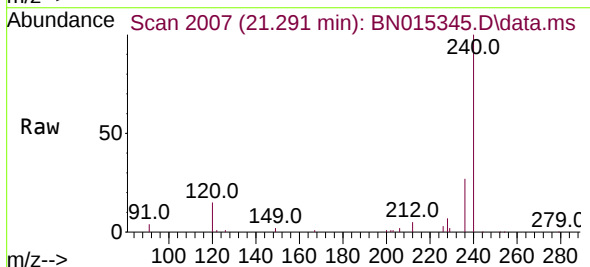
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-6.5-062921

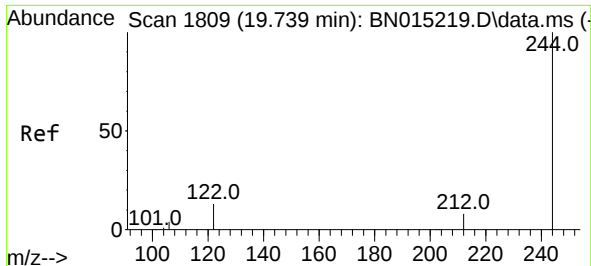
Tgt Ion:212 Resp: 104767
Ion Ratio Lower Upper
212 100
106 14.1 7.0 10.6#
104 7.8 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

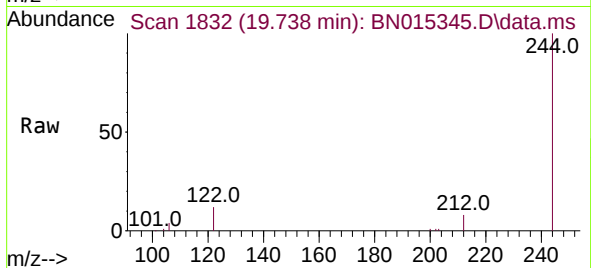
Tgt Ion:240 Resp: 78659
Ion Ratio Lower Upper
240 100
120 15.1 4.2 6.4#
236 27.3 21.4 32.2



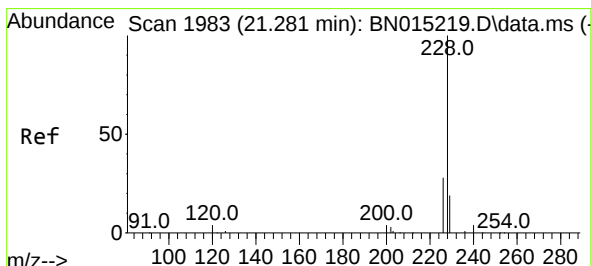
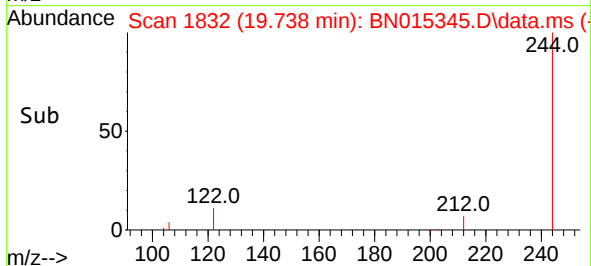
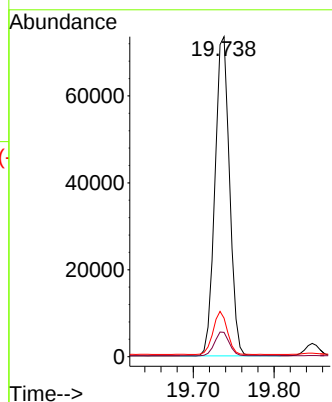


#31
Terphenyl-d14
Concen: 0.50 ng
RT: 19.738 min Scan# 1832
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-6.5-062921

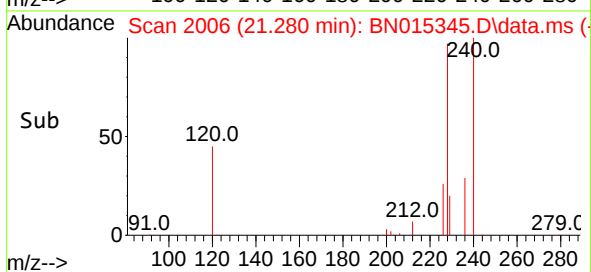
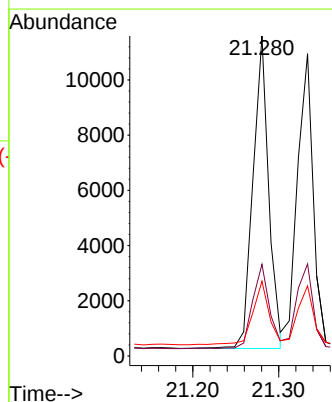
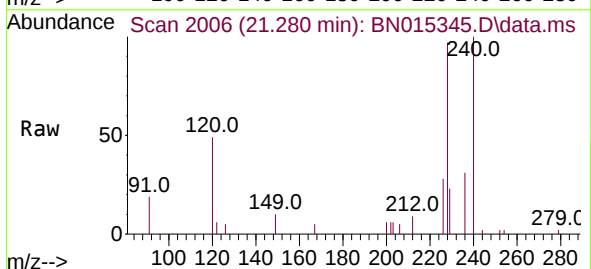


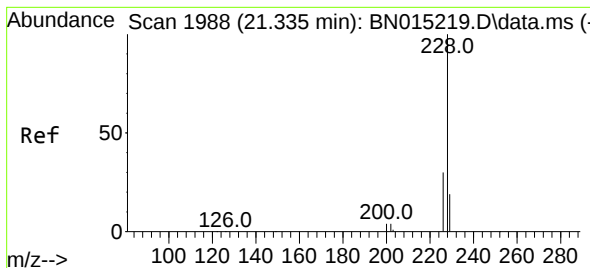
Tgt Ion:244 Resp: 92367
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 12.0 6.2 9.2#



#32
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.001 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

Tgt Ion:228 Resp: 14383
Ion Ratio Lower Upper
228 100
226 28.7 23.0 34.6
229 23.3 15.7 23.5





#33

Chrysene

Concen: 0.05 ng

RT: 21.334 min Scan# 2011

Delta R.T. -0.001 min

Lab File: BN015345.D

Acq: 06 Jul 2021 19:13

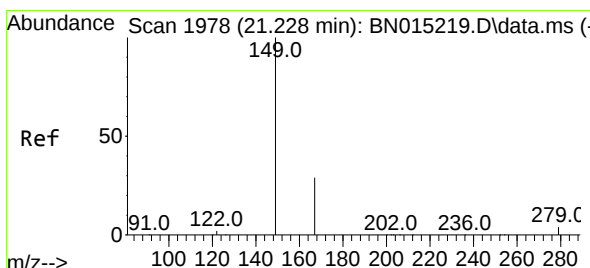
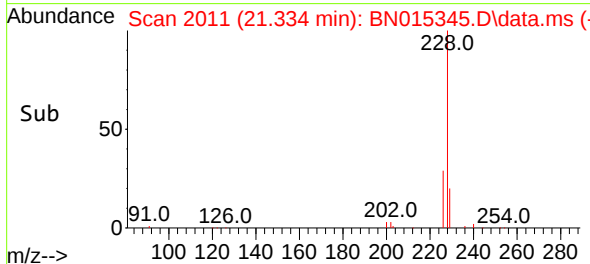
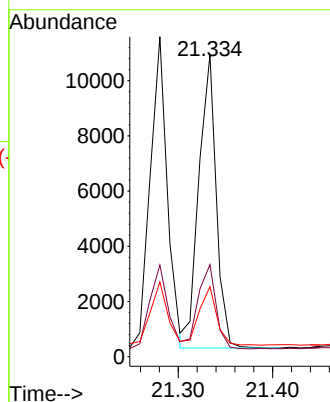
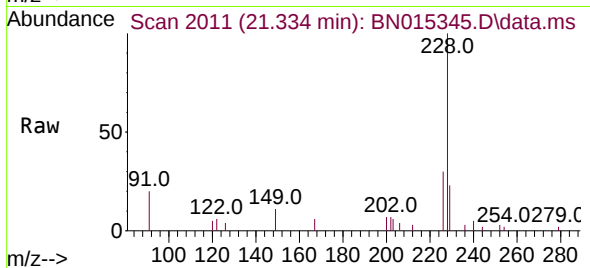
Instrument :

BNA_N

ClientSampleId :

MW-07-1.5-6.5-062921

Tgt Ion:228	Resp:	13611
Ion Ratio	Lower	Upper
228	100	
226	30.4	25.0 37.6
229	23.2	15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.39 ng

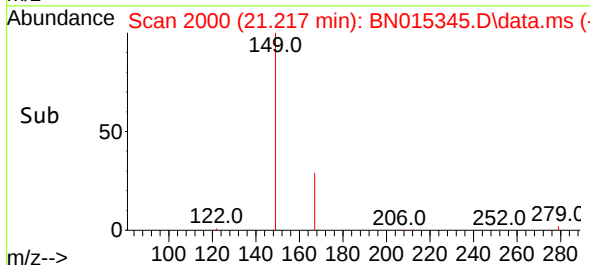
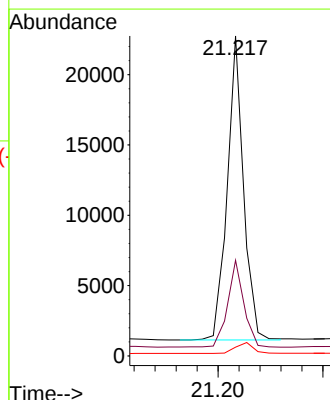
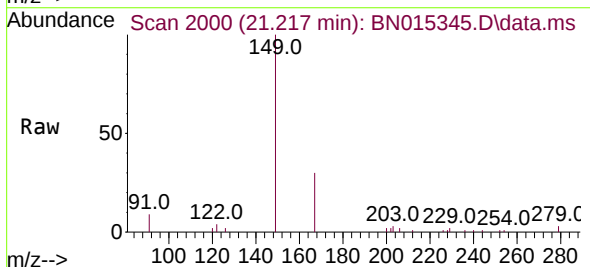
RT: 21.217 min Scan# 2000

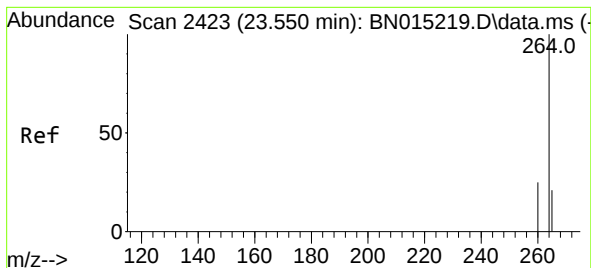
Delta R.T. -0.011 min

Lab File: BN015345.D

Acq: 06 Jul 2021 19:13

Tgt Ion:149	Resp:	23276
Ion Ratio	Lower	Upper
149	100	
167	28.3	28.9 43.3#
279	3.9	4.9 7.3#





#35

Perylene-d12

Concen: 0.40 ng

RT: 23.543 min Scan# 2444

Delta R.T. -0.007 min

Lab File: BN015345.D

Acq: 06 Jul 2021 19:13

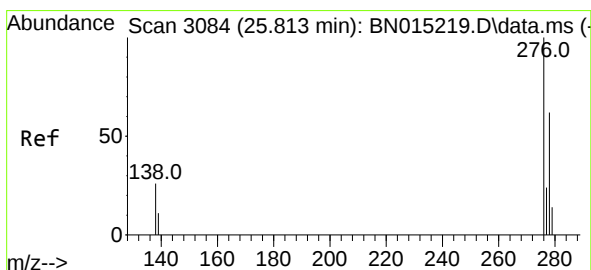
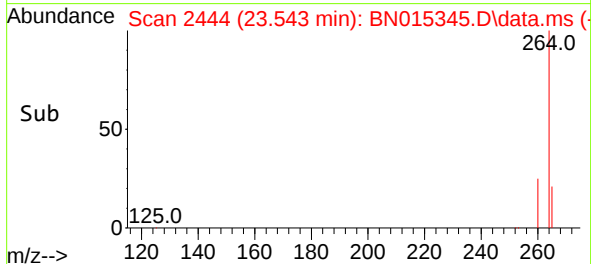
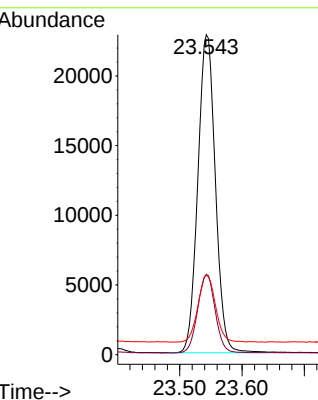
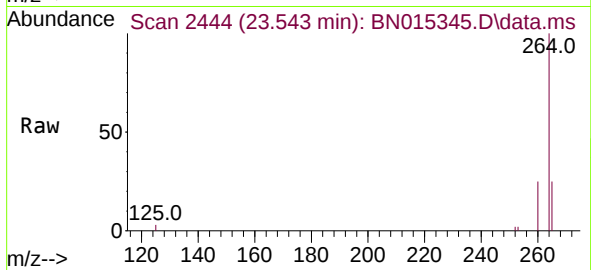
Tgt Ion:264 Resp: 44645

Ion Ratio Lower Upper

264 100

260 25.2 20.6 31.0

265 24.9 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: BN015345.D

Acq: 06 Jul 2021 19:13

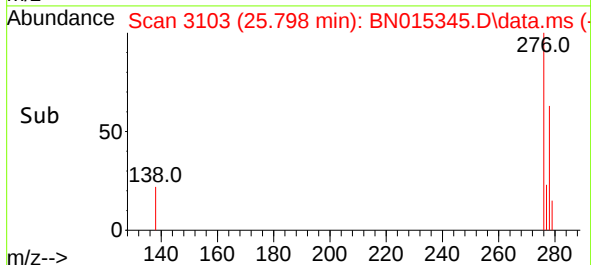
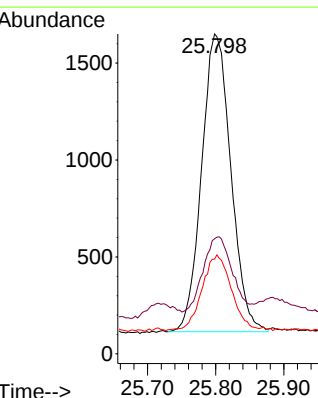
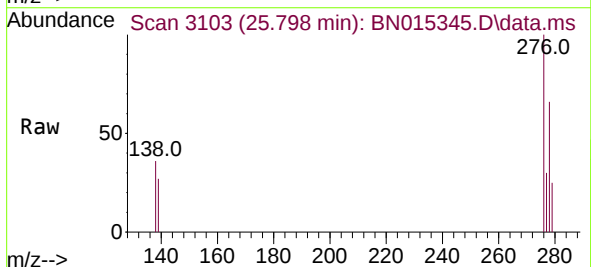
Tgt Ion:276 Resp: 4588

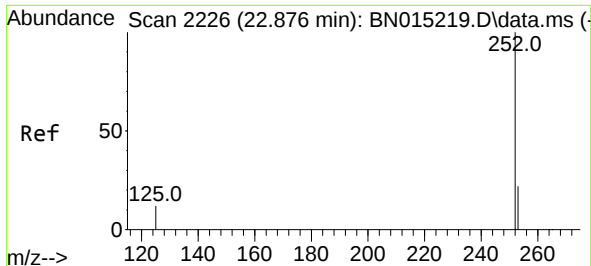
Ion Ratio Lower Upper

276 100

138 25.0 10.0 15.0#

277 25.4 20.4 30.6

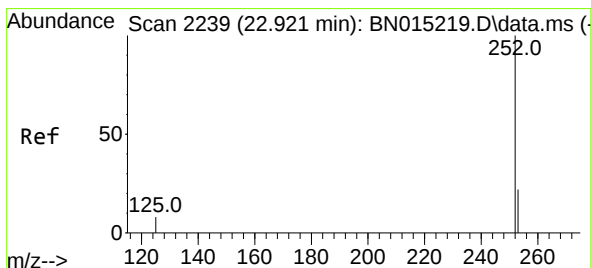
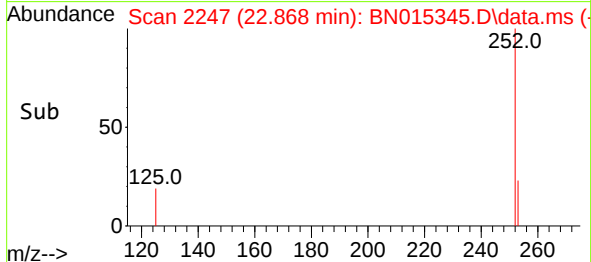
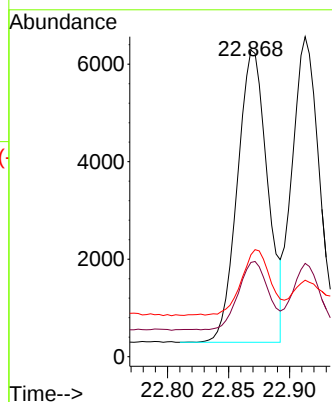
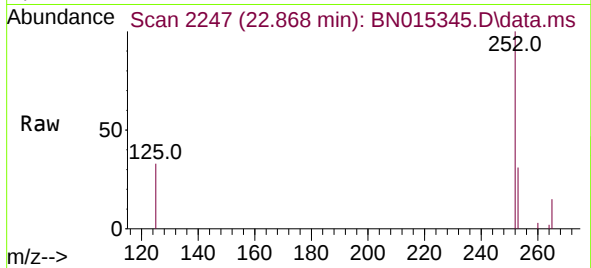




#37
Benzo(b)fluoranthene
Concen: 0.06 ng
RT: 22.868 min Scan# 2247
Delta R.T. -0.008 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

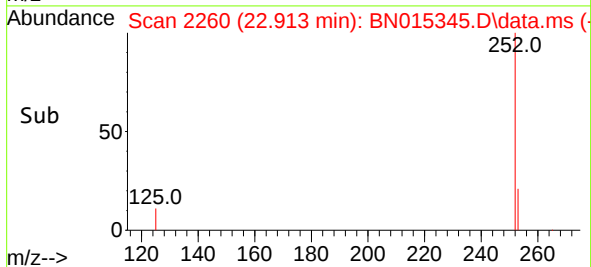
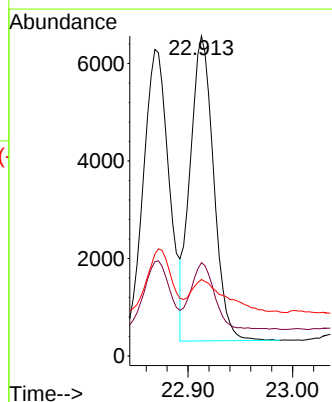
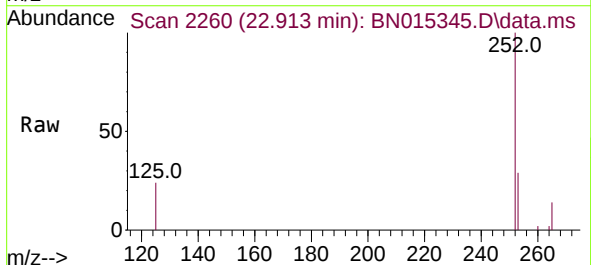
Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-6.5-062921

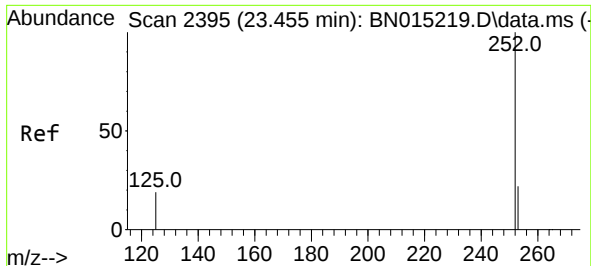
Tgt Ion:252 Resp: 10321
Ion Ratio Lower Upper
252 100
253 30.7 18.5 27.7#
125 33.2 5.8 8.6#



#38
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 22.913 min Scan# 2260
Delta R.T. -0.008 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

Tgt Ion:252 Resp: 9732
Ion Ratio Lower Upper
252 100
253 29.1 19.1 28.7#
125 23.9 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: BN015345.D

Acq: 06 Jul 2021 19:13

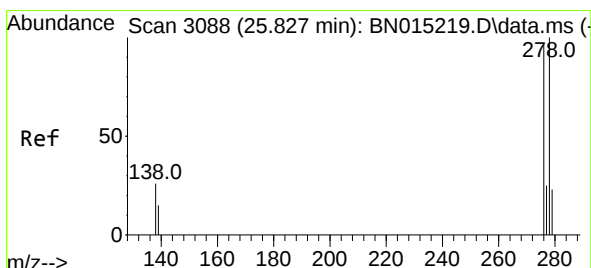
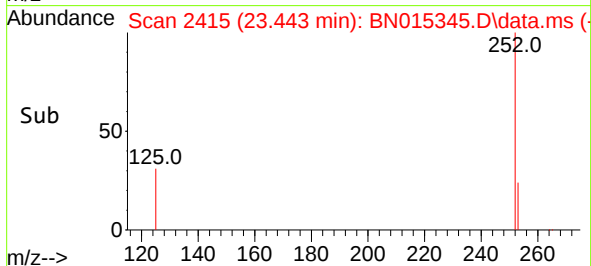
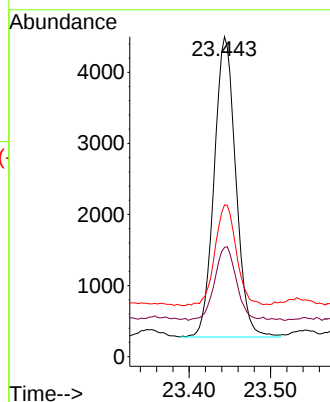
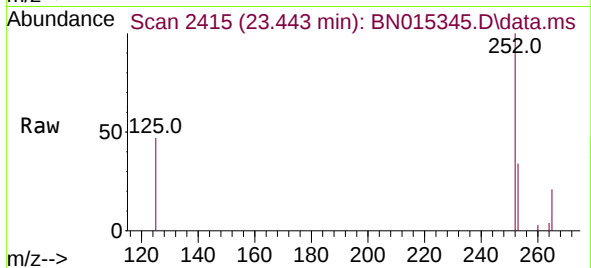
Tgt Ion:	252	Resp:	7800
Ion Ratio	Lower	Upper	
252	100		
253	34.1	19.4	29.2#
125	47.4	7.4	11.2#

Instrument :

BNA_N

ClientSampleId :

MW-07-1.5-6.5-062921



#40

Dibenzo(a,h)anthracene

Concen: 0.03 ng

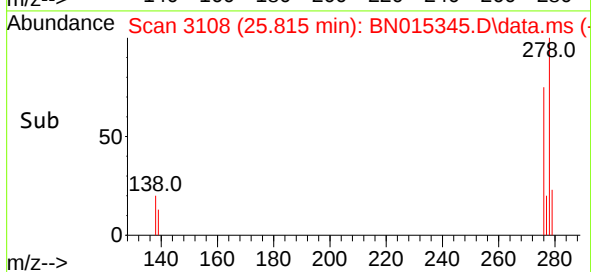
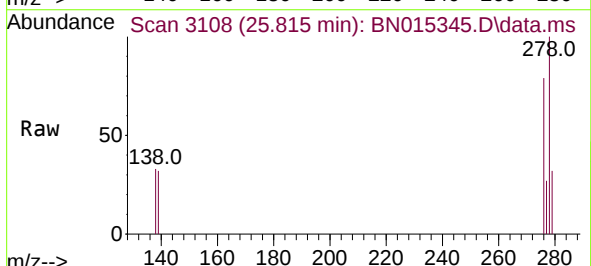
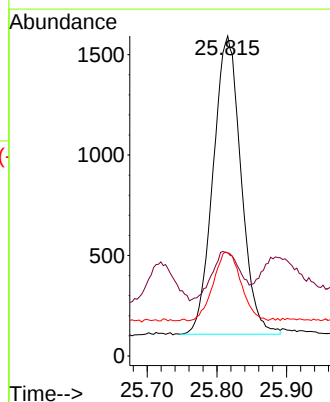
RT: 25.815 min Scan# 3108

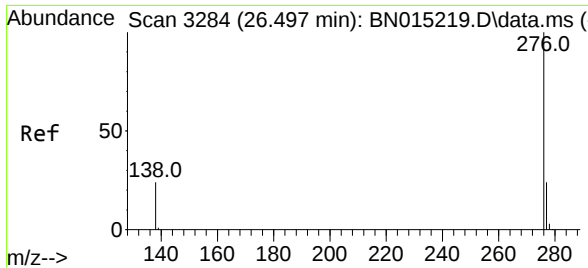
Delta R.T. -0.011 min

Lab File: BN015345.D

Acq: 06 Jul 2021 19:13

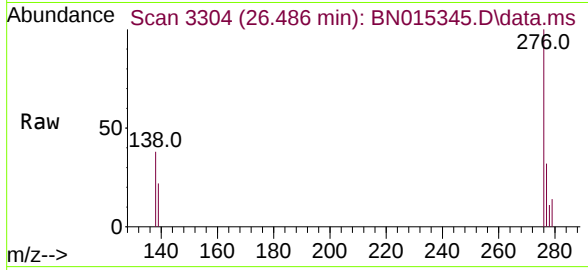
Tgt Ion:	278	Resp:	4127
Ion Ratio	Lower	Upper	
278	100		
139	32.3	9.0	13.4#
279	32.2	21.0	31.4#





#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.486 min Scan# 3304
Delta R.T. -0.011 min
Lab File: BN015345.D
Acq: 06 Jul 2021 19:13

Instrument :
BNA_N
ClientSampleId :
MW-07-1.5-6.5-062921



Tgt Ion: 276 Resp: 3265
Ion Ratio Lower Upper
276 100
277 31.7 19.7 29.5#
138 37.7 9.8 14.6#

