

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015370.D
 Acq On : 07 Jul 2021 12:56
 Operator : CG/JU
 Sample : M2898-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-062921

Quant Time: Jul 07 13:36:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 11:11:38 2021
 Response via : Initial Calibration

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

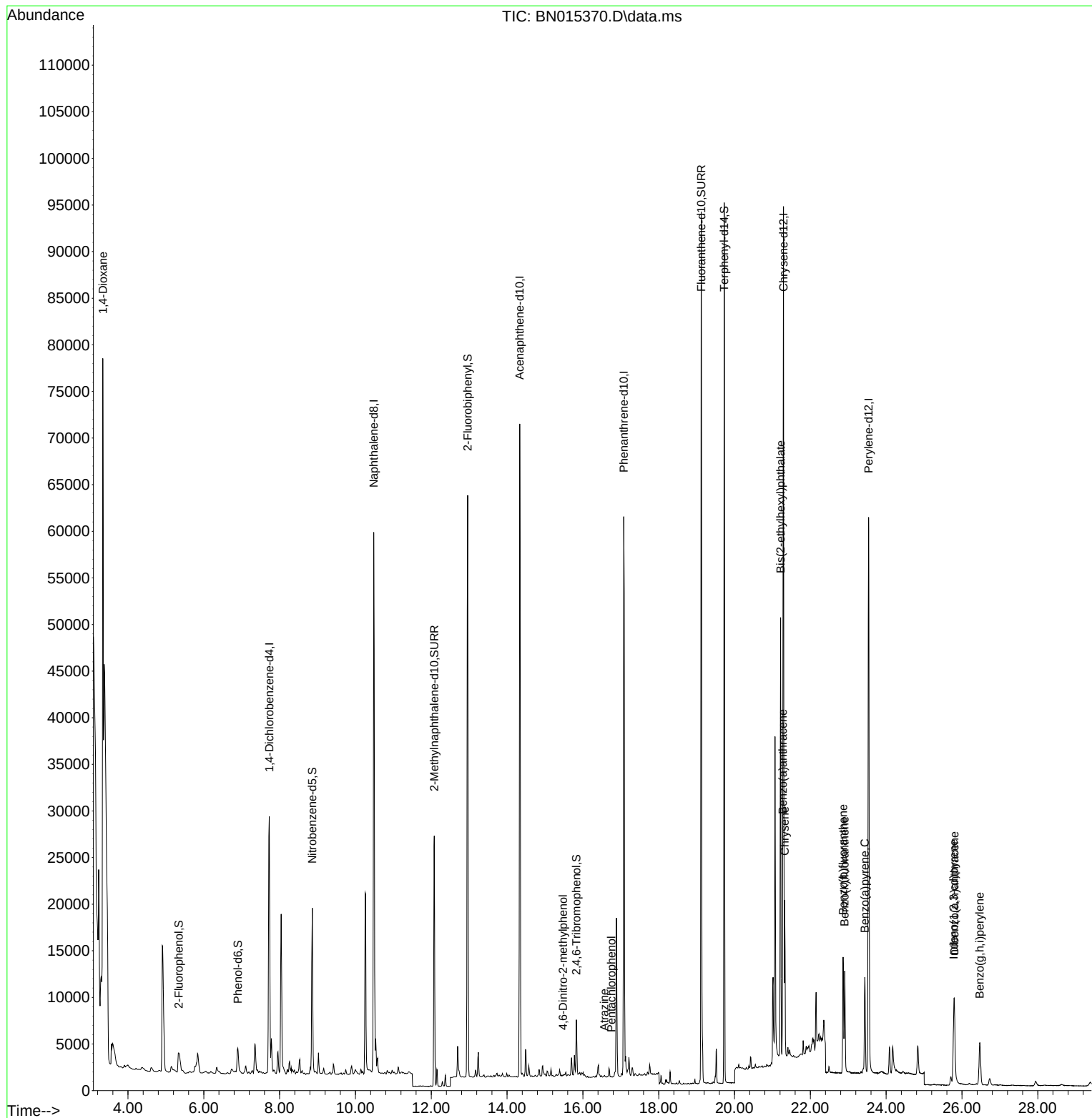
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	17706	0.400	ng	# 0.00
7) Naphthalene-d8	10.483	136	80553	0.400	ng	# 0.00
13) Acenaphthene-d10	14.332	164	43415	0.400	ng	0.00
19) Phenanthrene-d10	17.078	188	87165	0.400	ng	0.00
29) Chrysene-d12	21.291	240	80896	0.400	ng	# 0.00
35) Perylene-d12	23.536	264	77902	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	4407	0.098	ng	0.00
5) Phenol-d6	6.895	99	3211	0.057	ng	0.00
8) Nitrobenzene-d5	8.860	82	15163	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	36398	0.273	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	4440	0.457	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	58081	0.329	ng	0.00
27) Fluoranthene-d10	19.122	212	100271	0.390	ng	0.00
31) Terphenyl-d14	19.728	244	91321	0.482	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.336	88	52487	6.323	ng	# 78
20) 4,6-Dinitro-2-methylph...	15.474	198	19	0.203	ng	# 25
23) Atrazine	16.567	200	13	0.173	ng	# 1
24) Pentachlorophenol	16.750	266	27	0.245	ng	# 72
32) Benzo(a)anthracene	21.270	228	13939	0.050	ng	99
33) Chrysene	21.323	228	13489	0.045	ng	99
34) Bis(2-ethylhexyl)phtha...	21.217	149	43544	0.579	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.785	276	10973	0.039	ng	# 90
37) Benzo(b)fluoranthene	22.861	252	14050	0.046	ng	# 78
38) Benzo(k)fluoranthene	22.906	252	13730	0.042	ng	# 91
39) Benzo(a)pyrene	23.436	252	11061	0.040	ng	# 54
40) Dibenzo(a,h)anthracene	25.798	278	9323	0.043	ng	# 91
41) Benzo(g,h,i)perylene	26.466	276	9218	0.038	ng	# 86

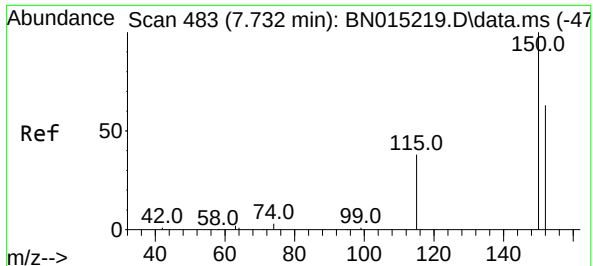
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
Data File : BN015370.D
Acq On : 07 Jul 2021 12:56
Operator : CG/JU
Sample : M2898-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

Quant Time: Jul 07 13:36:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 07 11:11:38 2021
Response via : Initial Calibration

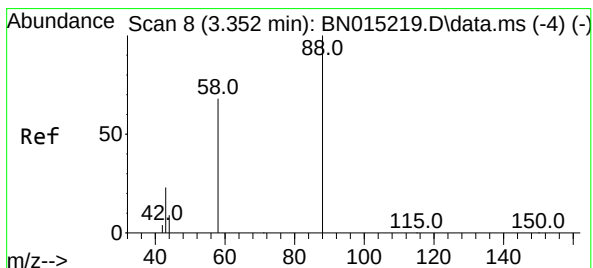
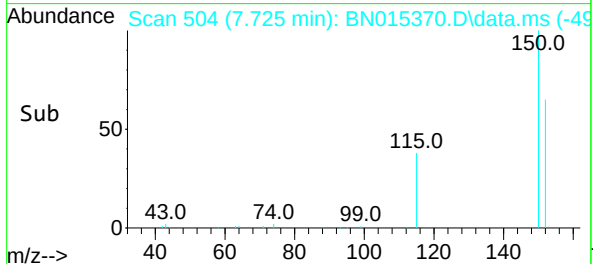
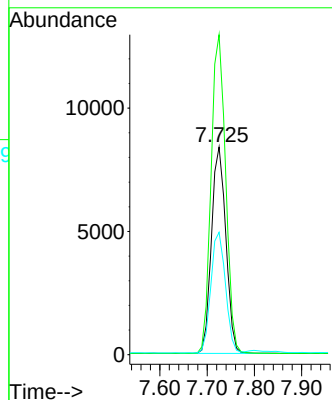
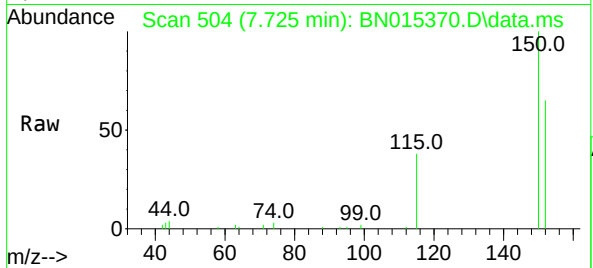




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.725 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: BN015370.D
 Acq: 07 Jul 2021 12:56

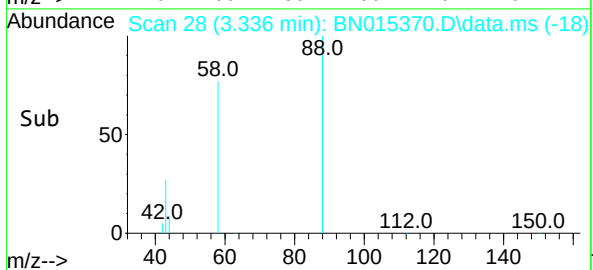
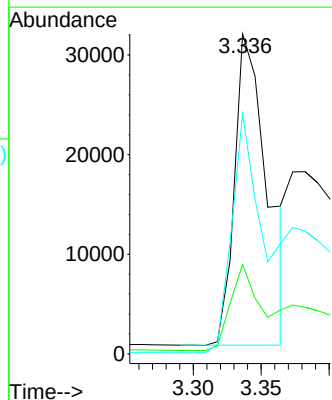
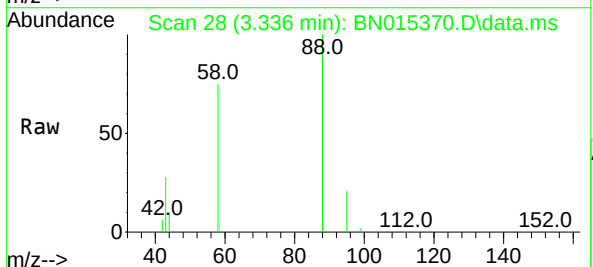
Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-062921

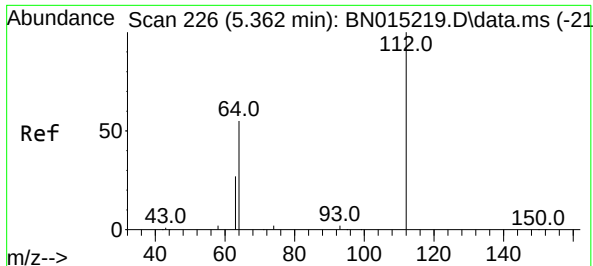
Tgt Ion:152 Resp: 17706
 Ion Ratio Lower Upper
 152 100
 150 154.1 119.0 178.6
 115 58.9 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 6.323 ng
 RT: 3.336 min Scan# 28
 Delta R.T. -0.009 min
 Lab File: BN015370.D
 Acq: 07 Jul 2021 12:56

Tgt Ion: 88 Resp: 52487
 Ion Ratio Lower Upper
 88 100
 43 23.6 12.9 19.3#
 58 63.7 38.1 57.1#

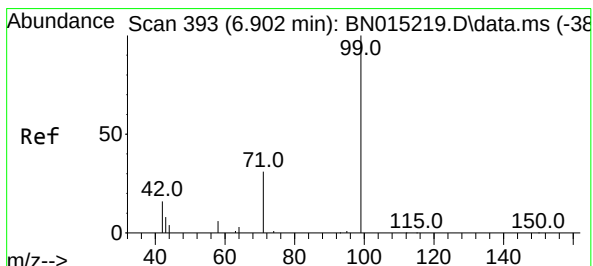
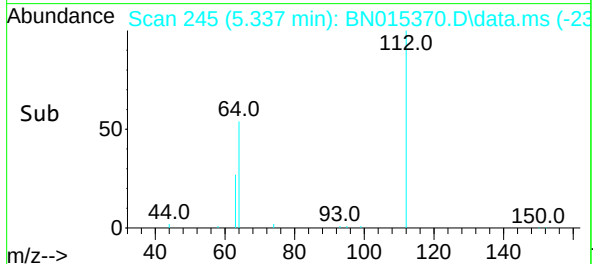
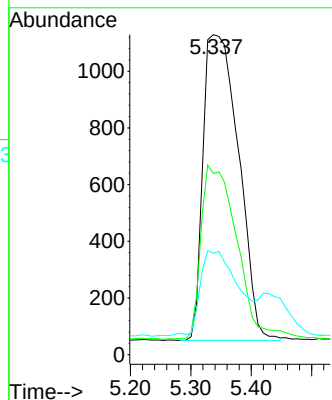
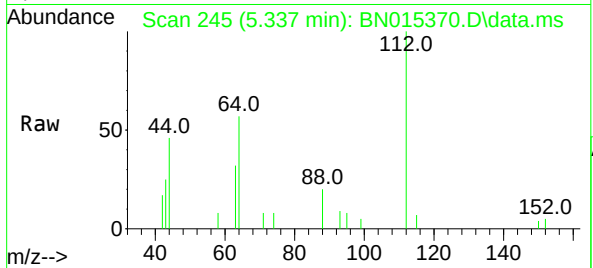




#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.337 min Scan# 245
Delta R.T. 0.000 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

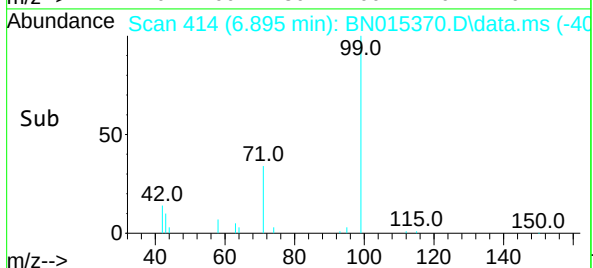
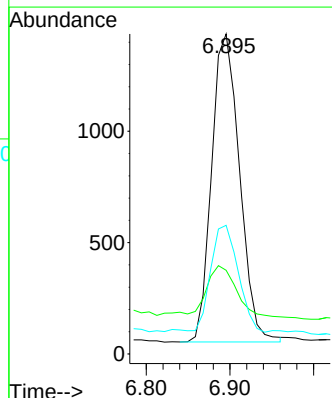
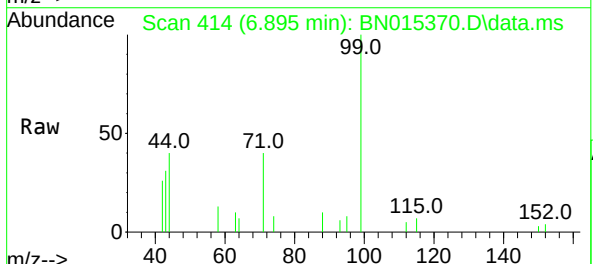
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

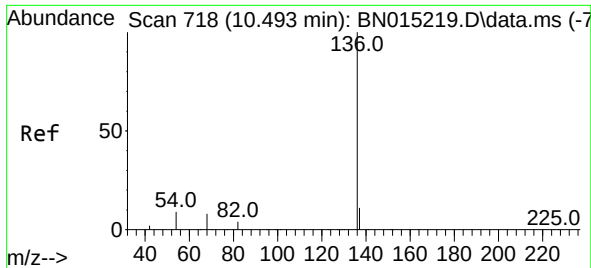
Tgt Ion: 112 Resp: 4407
Ion Ratio Lower Upper
112 100
64 56.9 39.0 58.6
63 29.3 20.6 30.8



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.895 min Scan# 414
Delta R.T. 0.000 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

Tgt Ion: 99 Resp: 3211
Ion Ratio Lower Upper
99 100
42 18.3 8.9 13.3#
71 33.1 35.6 53.4#

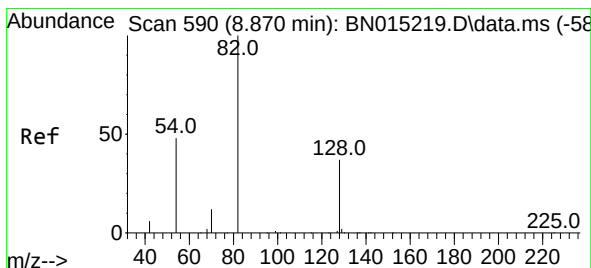
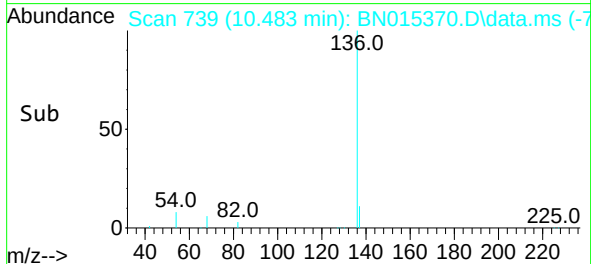
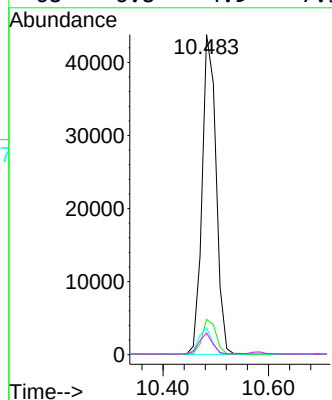
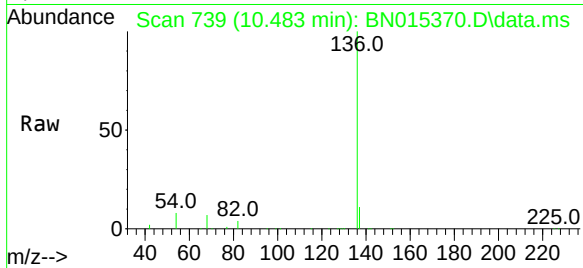




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

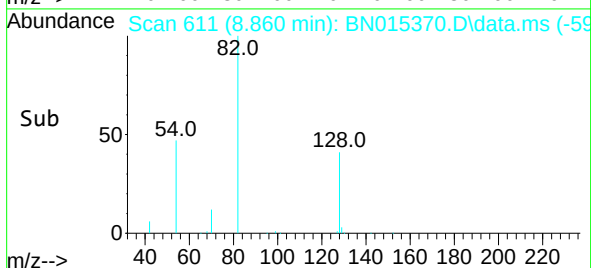
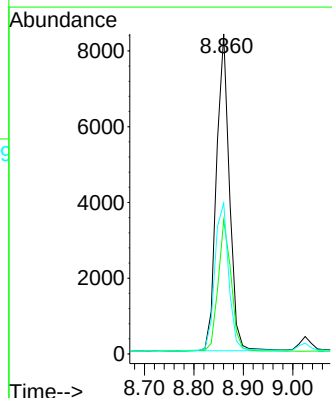
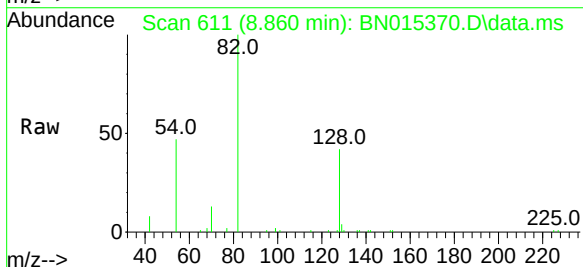
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

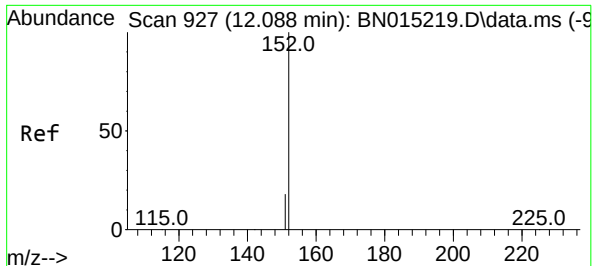
Tgt Ion:136	Resp:	80553
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.8 14.8
54	8.4	5.4 8.2#
68	6.8	4.9 7.3



#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.860 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

Tgt Ion: 82	Resp:	15163
Ion Ratio	Lower	Upper
82	100	
128	41.8	31.6 47.4
54	47.2	29.0 43.4#

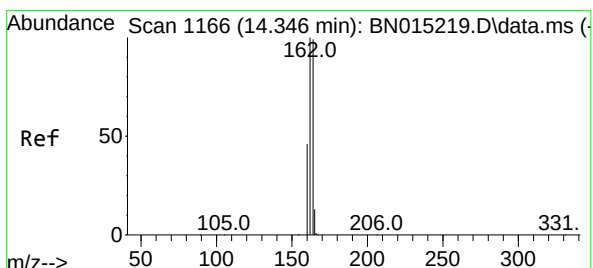
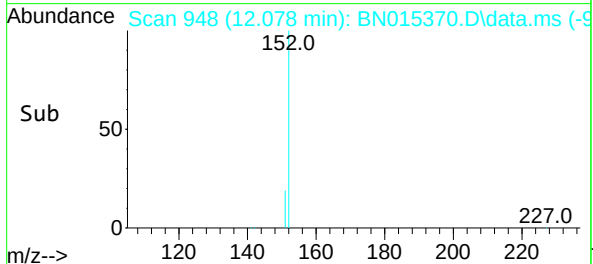
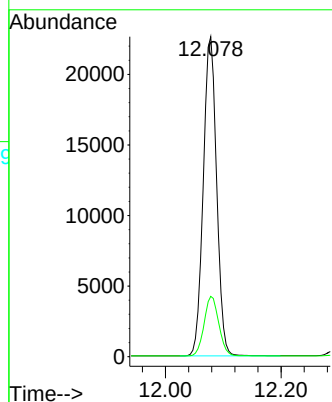
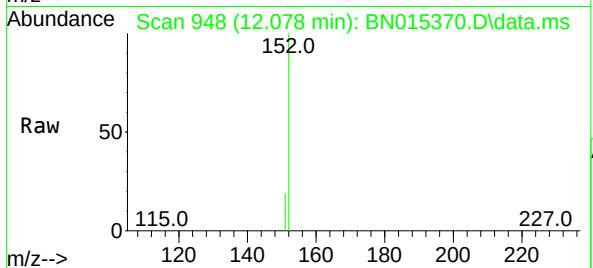




#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 12.078 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

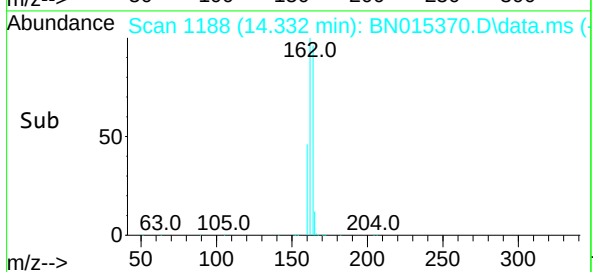
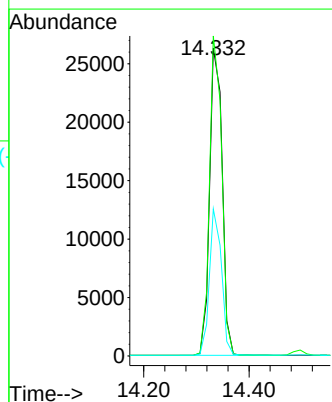
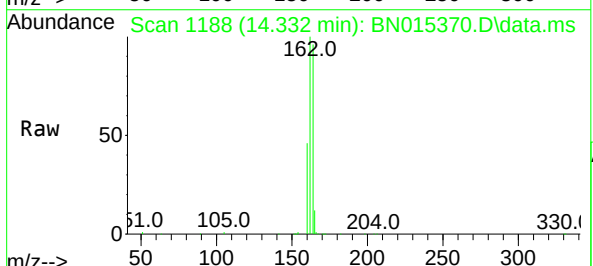
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

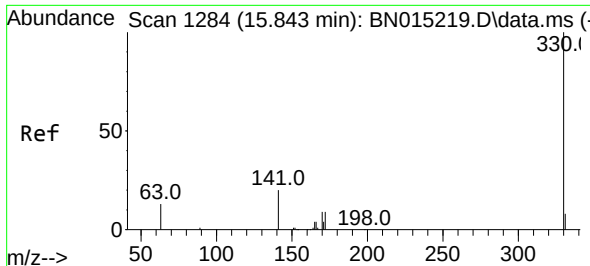
Tgt Ion:152 Resp: 36398
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

Tgt Ion:164 Resp: 43415
Ion Ratio Lower Upper
164 100
162 104.0 83.8 125.6
160 47.8 37.4 56.0

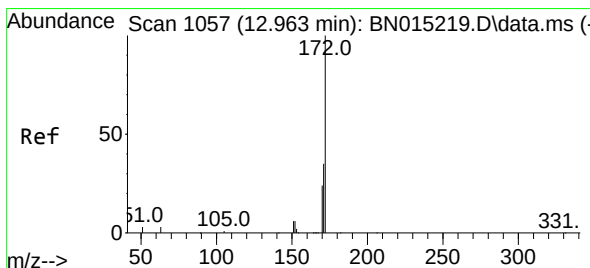
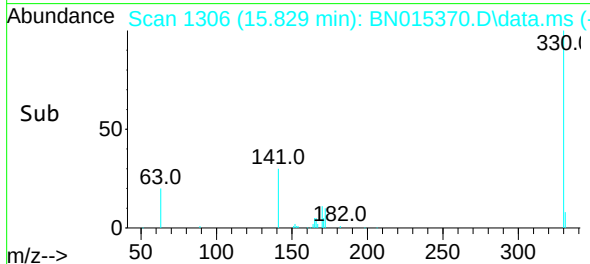
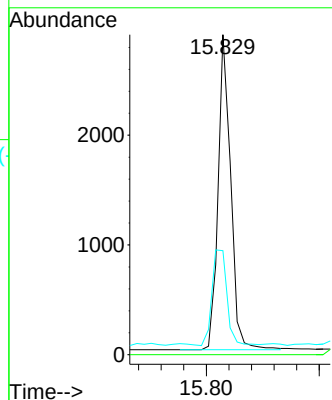
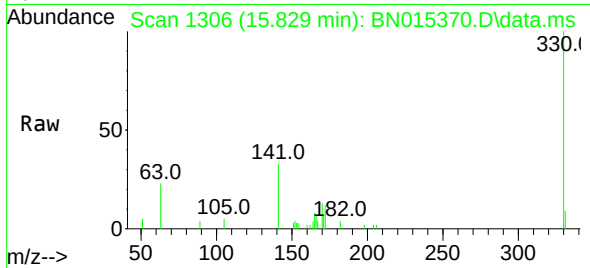




#14
2,4,6-Tribromophenol
Concen: 0.457 ng
RT: 15.829 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

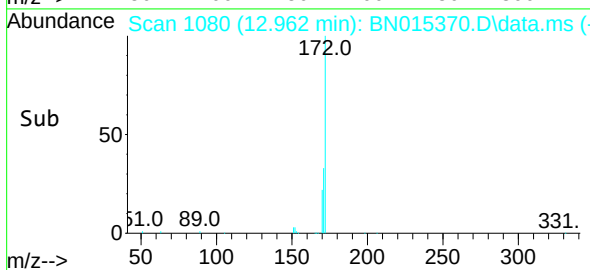
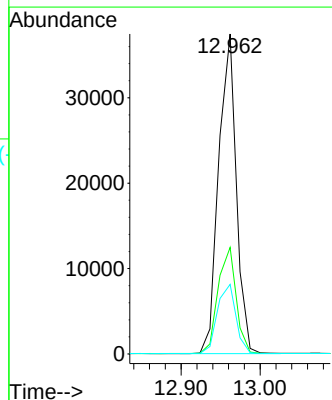
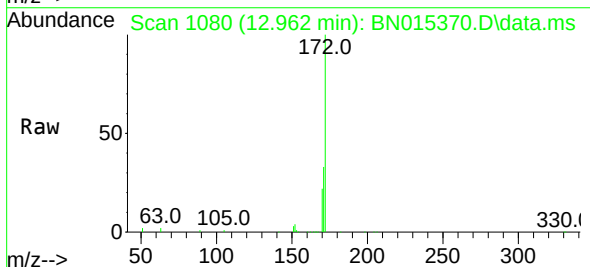
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

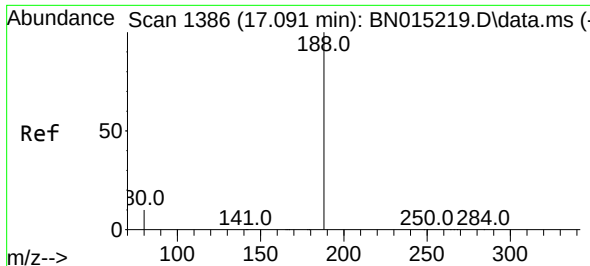
Tgt Ion:330 Resp: 4440
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.4 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 12.962 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

Tgt Ion:172 Resp: 58081
Ion Ratio Lower Upper
172 100
171 33.3 30.6 45.8
170 21.7 20.2 30.4

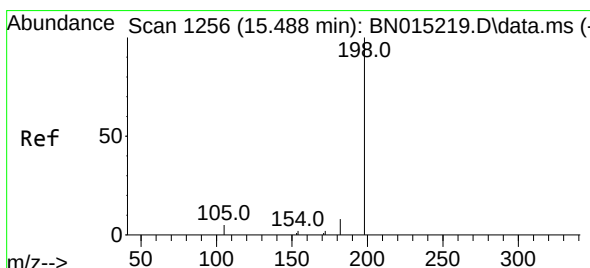
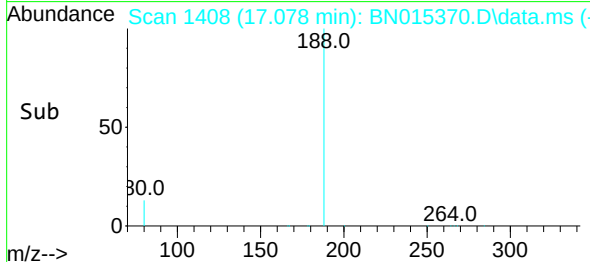
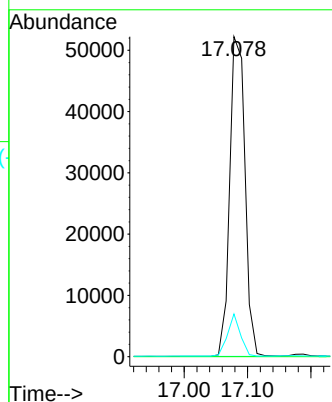
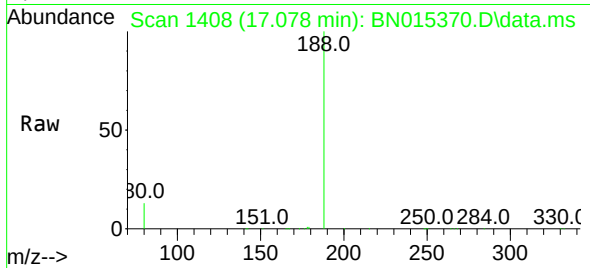




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

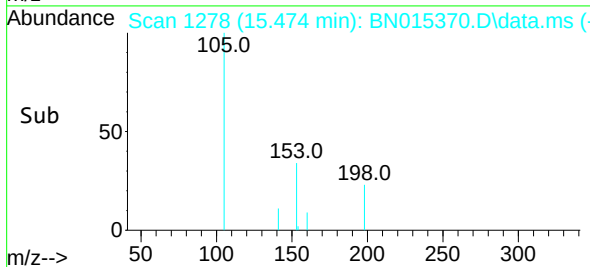
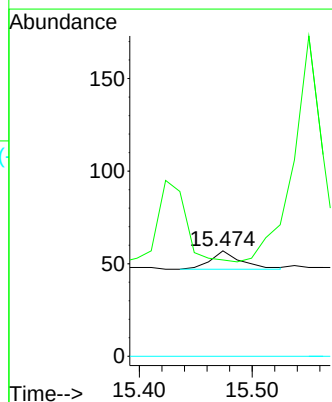
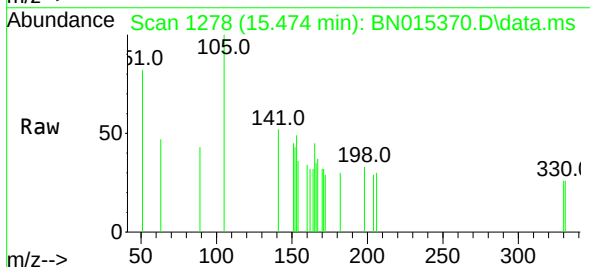
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

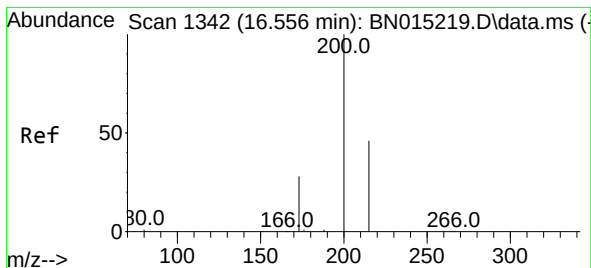
Tgt Ion:188 Resp: 87165
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.203 ng
RT: 15.474 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
182 91.2 34.5 51.7#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.173 ng

RT: 16.567 min Scan# 1366

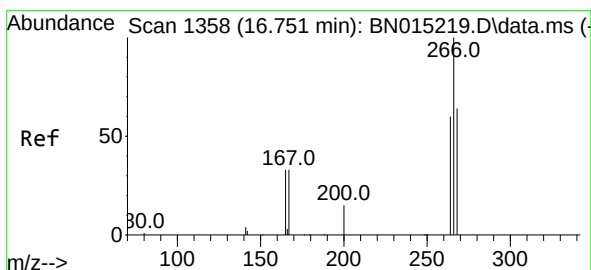
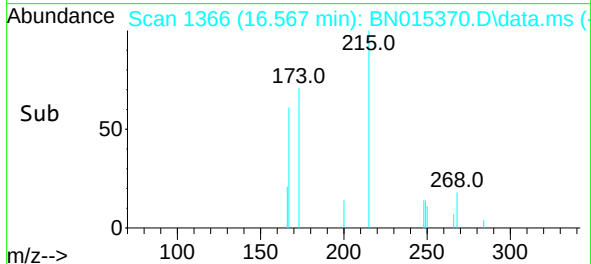
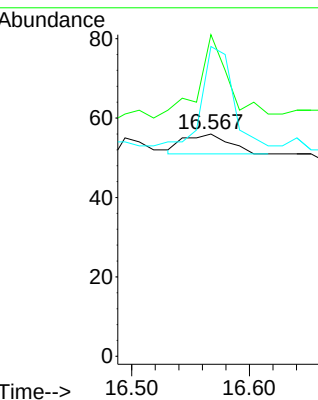
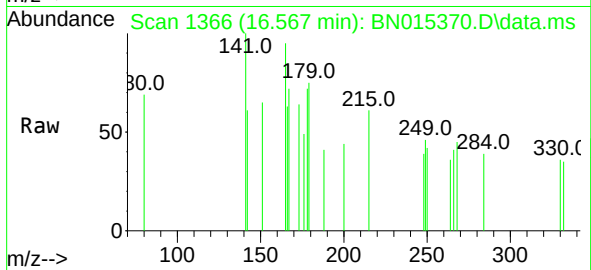
Delta R.T. 0.024 min

Lab File: BN015370.D

Acq: 07 Jul 2021 12:56

Tgt Ion:	200	Resp:	13
Ion	Ratio	Lower	Upper
200	100		
173	144.6	21.7	32.5#
215	139.3	43.1	64.7#

Instrument :
BNA_N
ClientSampleId :
MW-10B-062921



#24

Pentachlorophenol

Concen: 0.245 ng

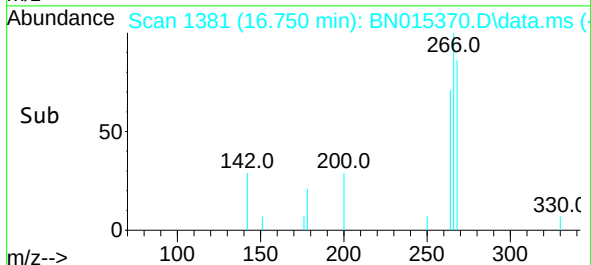
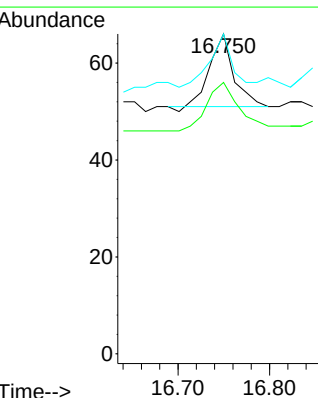
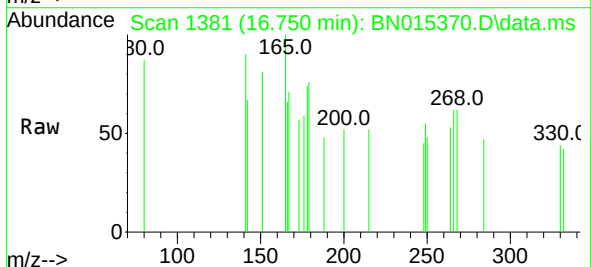
RT: 16.750 min Scan# 1381

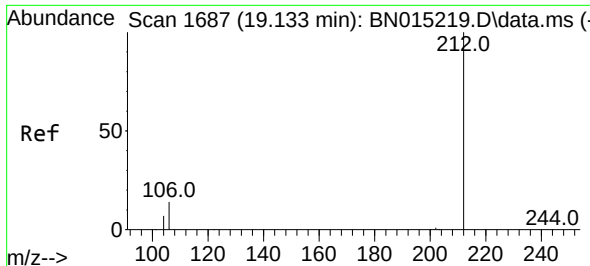
Delta R.T. 0.012 min

Lab File: BN015370.D

Acq: 07 Jul 2021 12:56

Tgt Ion:	266	Resp:	27
Ion	Ratio	Lower	Upper
266	100		
264	96.3	51.0	76.4#
268	74.1	50.6	76.0

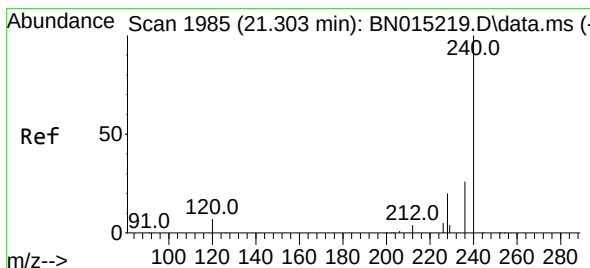
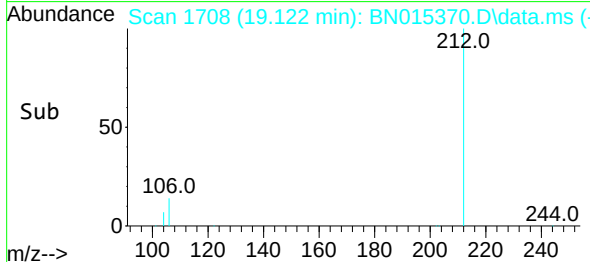
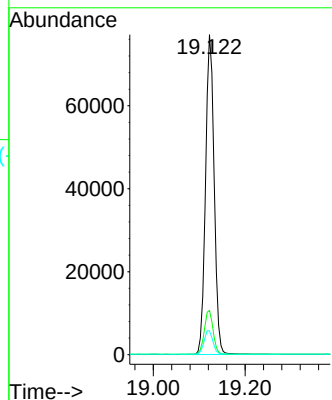
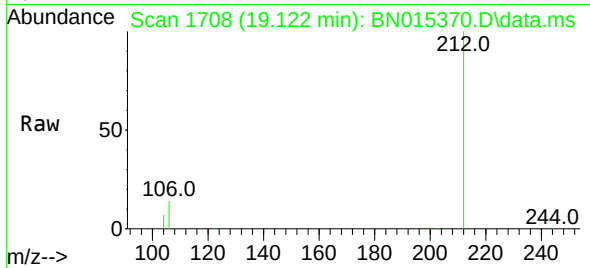




#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.122 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

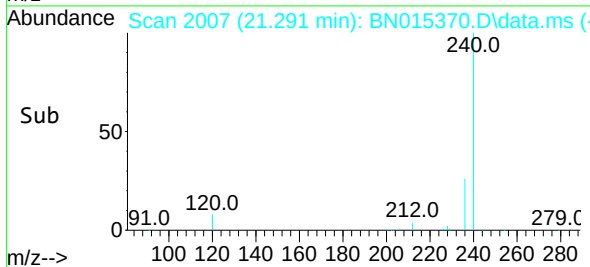
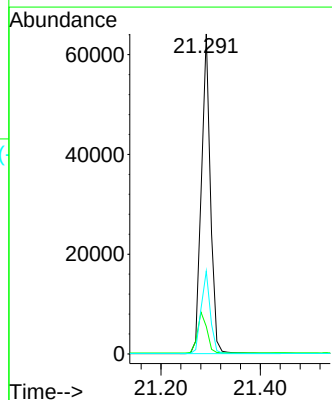
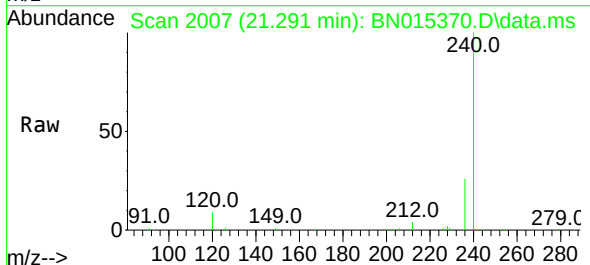
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

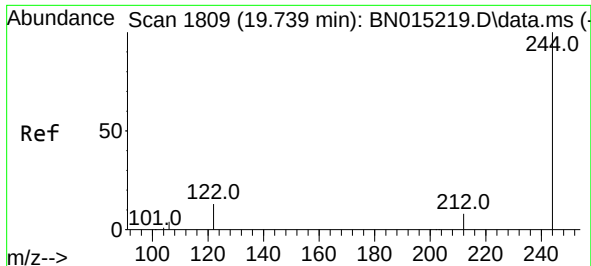
Tgt Ion:212 Resp: 100271
Ion Ratio Lower Upper
212 100
106 13.9 7.0 10.6#
104 7.7 4.1 6.1#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

Tgt Ion:240 Resp: 80896
Ion Ratio Lower Upper
240 100
120 8.6 4.2 6.4#
236 25.9 21.4 32.2

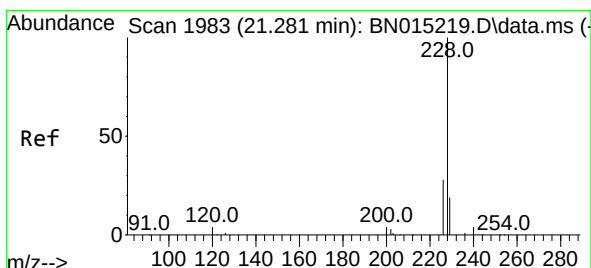
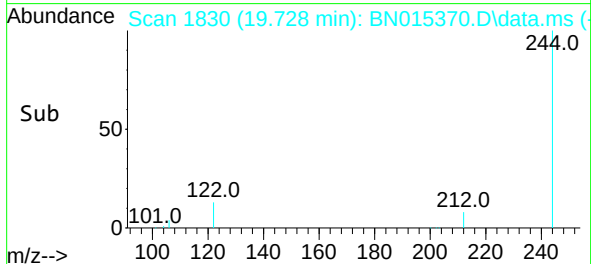
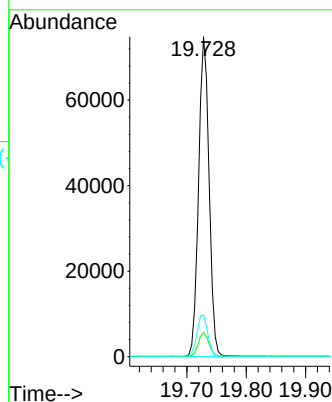
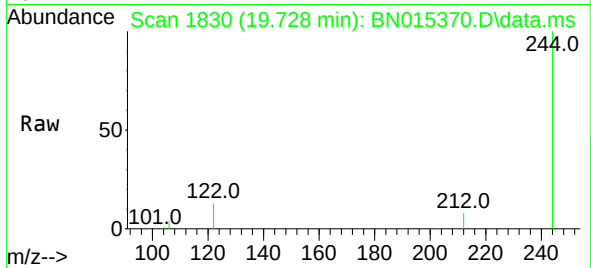




#31
Terphenyl-d14
Concen: 0.482 ng
RT: 19.728 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

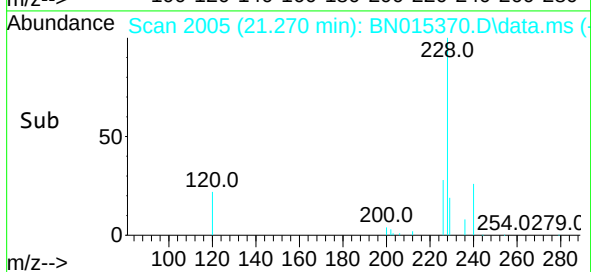
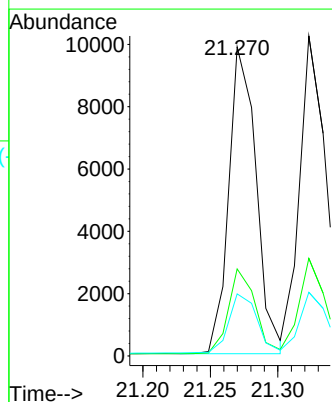
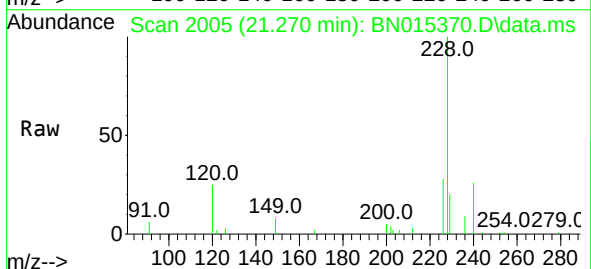
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

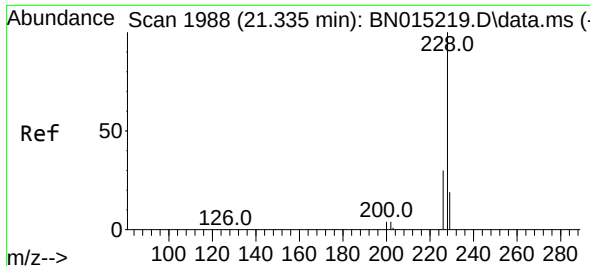
Tgt Ion:244 Resp: 91321
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 13.1 6.2 9.2#



#32
Benzo(a)anthracene
Concen: 0.050 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

Tgt Ion:228 Resp: 13939
Ion Ratio Lower Upper
228 100
226 28.2 23.0 34.6
229 20.1 15.7 23.5

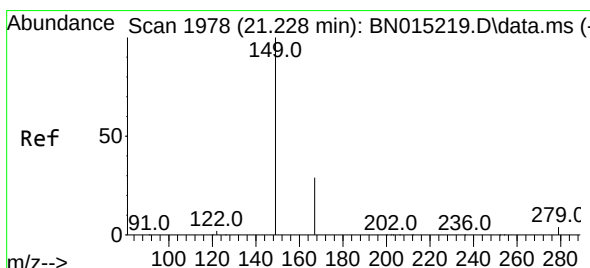
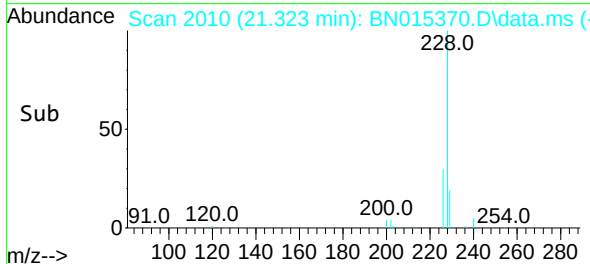
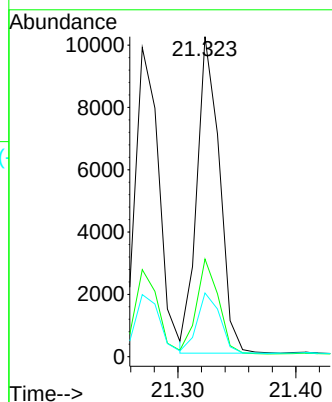
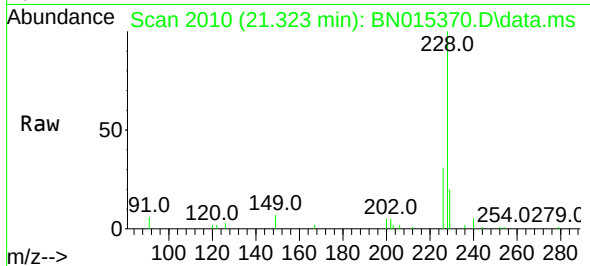




#33
Chrysene
Concen: 0.045 ng
RT: 21.323 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

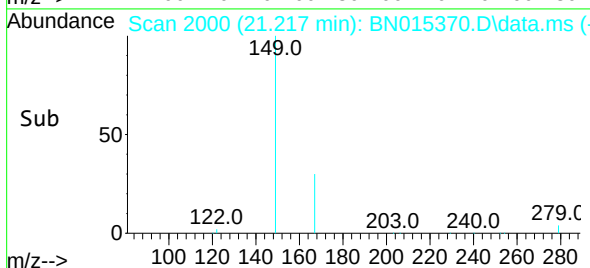
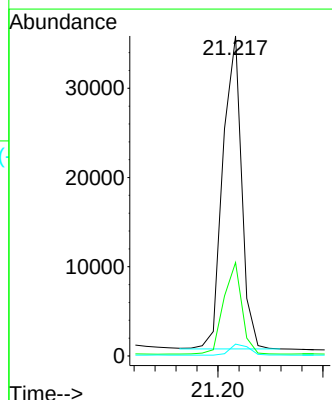
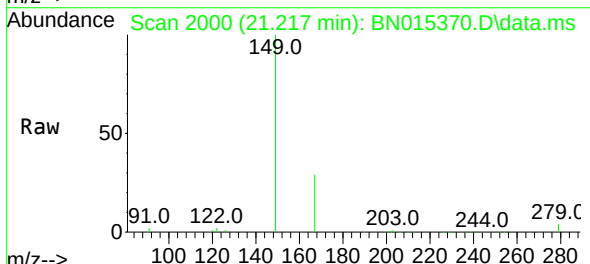
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

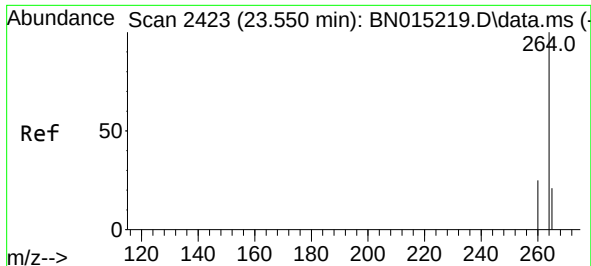
Tgt Ion:	228	Resp:	13489
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.0	37.6
229	19.9	15.9	23.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.579 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.011 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

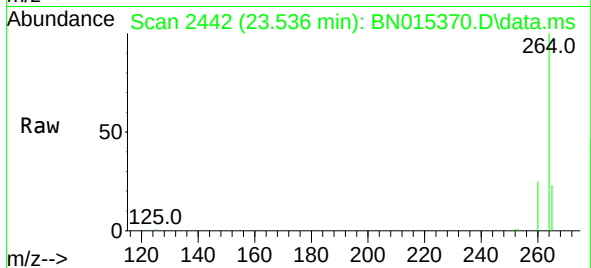
Tgt Ion:	149	Resp:	43544
Ion Ratio	Lower	Upper	
149	100		
167	28.4	28.9	43.3#
279	3.7	4.9	7.3#



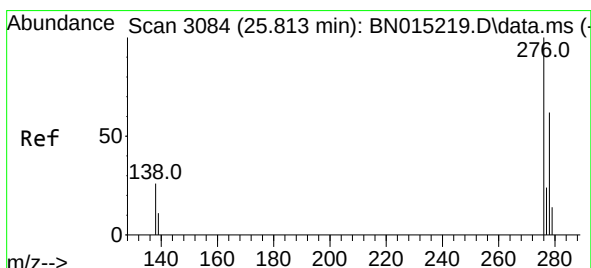
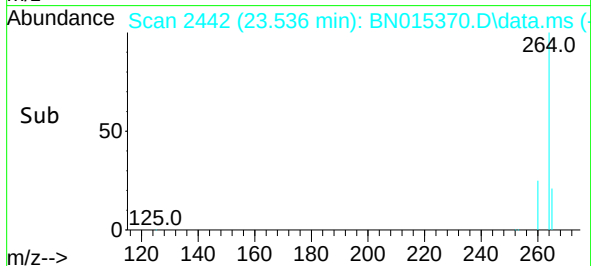
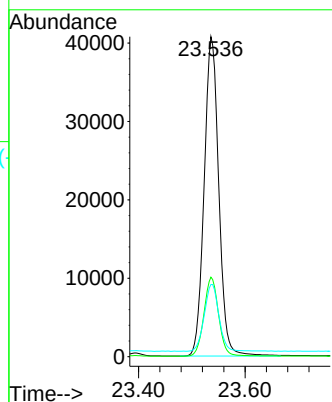


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.536 min Scan# 2442
 Delta R.T. 0.007 min
 Lab File: BN015370.D
 Acq: 07 Jul 2021 12:56

Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-062921

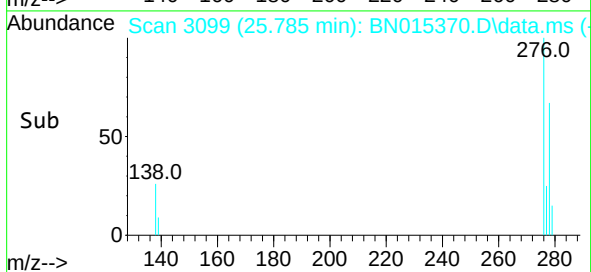
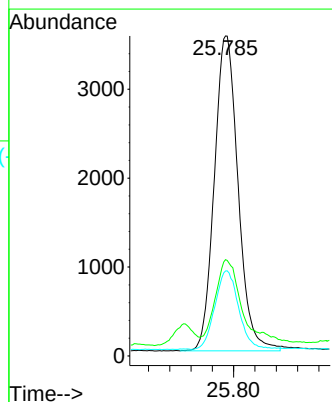
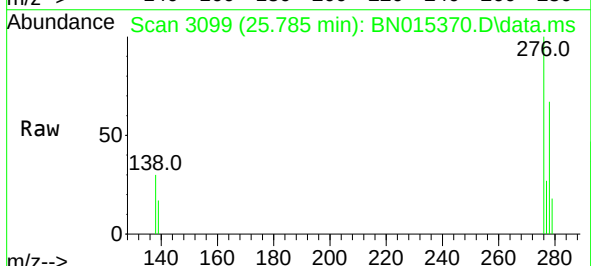


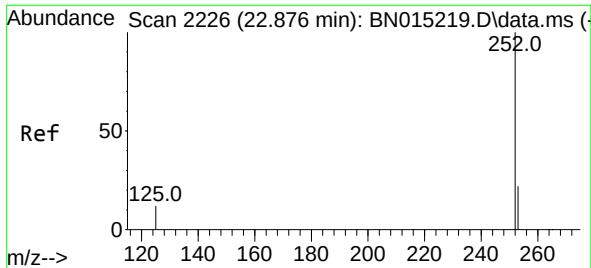
Tgt Ion:264 Resp: 77902
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.6 31.0
 265 22.5 21.4 32.2



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.039 ng
 RT: 25.785 min Scan# 3099
 Delta R.T. 0.007 min
 Lab File: BN015370.D
 Acq: 07 Jul 2021 12:56

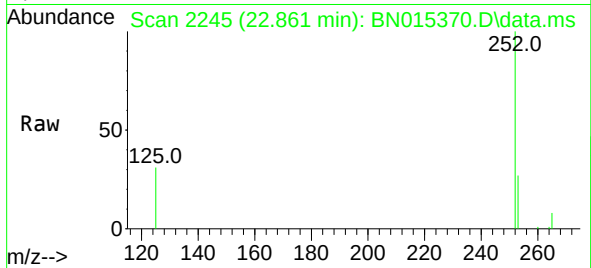
Tgt Ion:276 Resp: 10973
 Ion Ratio Lower Upper
 276 100
 138 23.3 10.0 15.0#
 277 24.9 20.4 30.6



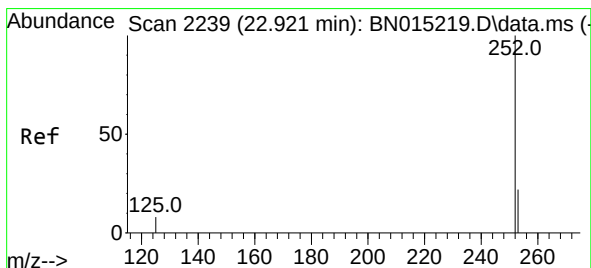
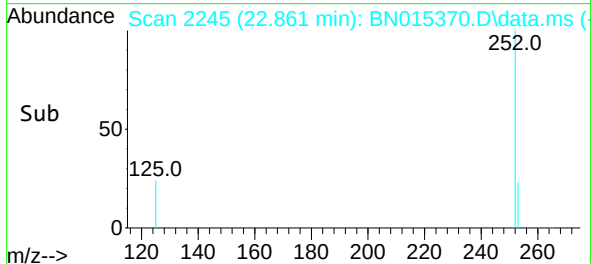
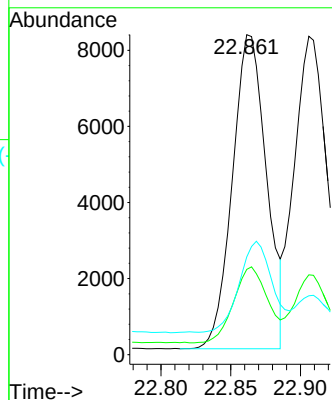


#37
Benzo(b)fluoranthene
Concen: 0.046 ng
RT: 22.861 min Scan# 2245
Delta R.T. 0.007 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

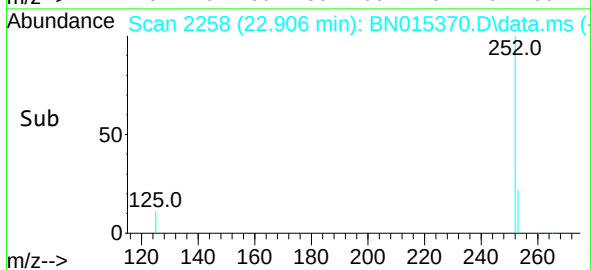
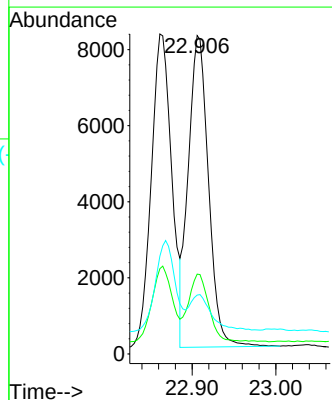
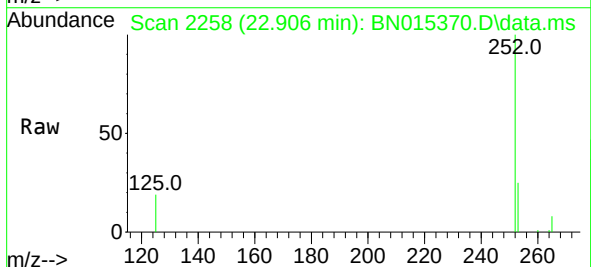


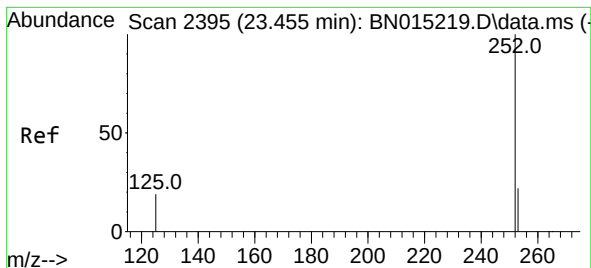
Tgt Ion:252 Resp: 14050
Ion Ratio Lower Upper
252 100
253 26.7 18.5 27.7
125 30.6 5.8 8.6#



#38
Benzo(k)fluoranthene
Concen: 0.042 ng
RT: 22.906 min Scan# 2258
Delta R.T. 0.003 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

Tgt Ion:252 Resp: 13730
Ion Ratio Lower Upper
252 100
253 25.1 19.1 28.7
125 18.5 5.4 8.0#

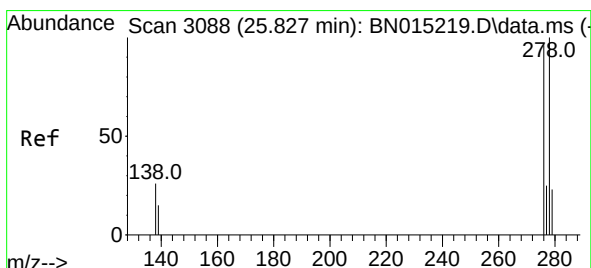
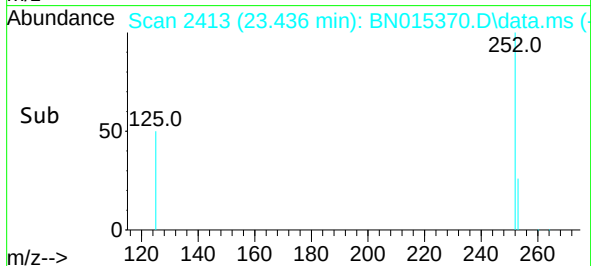
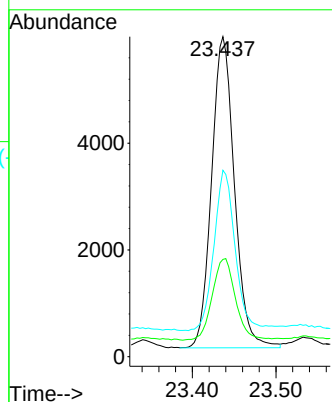
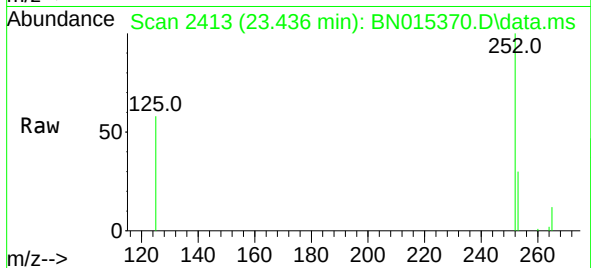




#39
Benzo(a)pyrene
Concen: 0.040 ng
RT: 23.436 min Scan# 2413
Delta R.T. 0.007 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

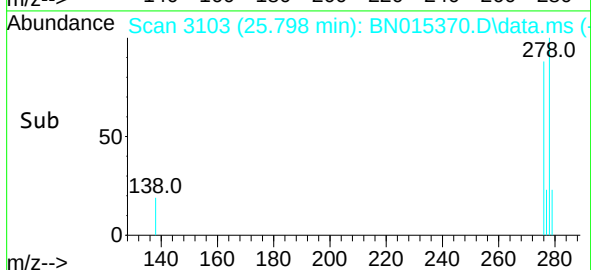
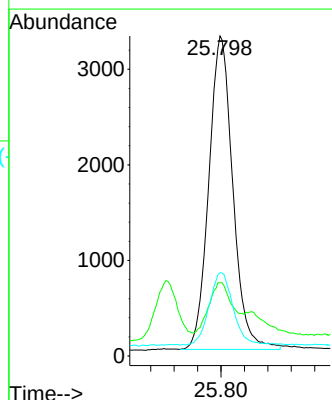
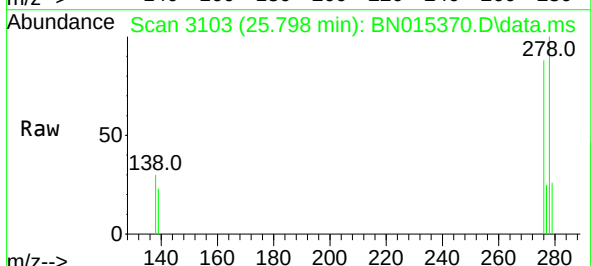
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

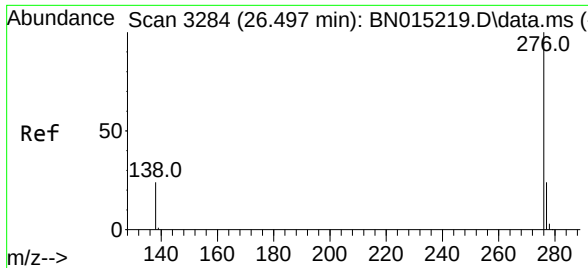
Tgt Ion:252 Resp: 11061
Ion Ratio Lower Upper
252 100
253 30.4 19.4 29.2#
125 58.3 7.4 11.2#



#40
Dibenzo(a,h)anthracene
Concen: 0.043 ng
RT: 25.798 min Scan# 3103
Delta R.T. 0.010 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

Tgt Ion:278 Resp: 9323
Ion Ratio Lower Upper
278 100
139 22.9 9.0 13.4#
279 26.0 21.0 31.4





#41
Benzo(g,h,i)perylene
Concen: 0.038 ng
RT: 26.466 min Scan# 3298
Delta R.T. 0.003 min
Lab File: BN015370.D
Acq: 07 Jul 2021 12:56

Instrument :
BNA_N
ClientSampleId :
MW-10B-062921

Tgt Ion:276 Resp: 9218
Ion Ratio Lower Upper
276 100
277 25.4 19.7 29.5
138 27.0 9.8 14.6#

