

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032521\
 Data File : BN014112.D
 Acq On : 25 Mar 2021 18:37
 Operator : CG/JU
 Sample : M1788-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20210320

Quant Time: Mar 26 00:42:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 11:06:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	5267	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	20590	0.40	ng	-0.01
13) Acenaphthene-d10	14.320	164	12326	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	27463	0.40	ng	-0.01
29) Chrysene-d12	21.228	240	26358	0.40	ng	-0.01
36) Perylene-d12	23.437	264	25629	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1853	0.15	ng	0.00
5) Phenol-d6	6.862	99	1388	0.09	ng	0.00
8) Nitrobenzene-d5	8.832	82	4342	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	12.057	152	10287	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1534	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.937	172	15012	0.33	ng	-0.01
27) Fluoranthene-d10	19.084	212	30200	0.40	ng	0.00
31) Terphenyl-d14	19.684	244	34789	0.60	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.238	88	34306	4.94	ng	96
25) Phenanthrene	17.092	178	3063	0.04	ng	96
28) Fluoranthene	19.113	202	2867	0.03	ng	# 95
30) Pyrene	19.476	202	3551	0.04	ng	96
33) Chrysene	21.271	228	2042	0.03	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.154	149	1537	0.05	ng	100
37) Benzo(b)fluoranthene	22.777	252	2554	0.03	ng	# 11
41) Benzo(g,h,i)perylene	26.316	276	1904	0.02	ng	# 78

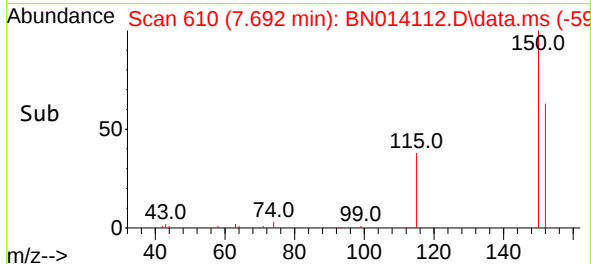
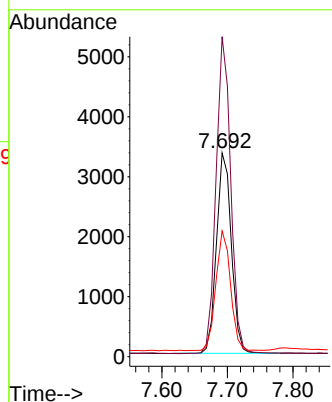
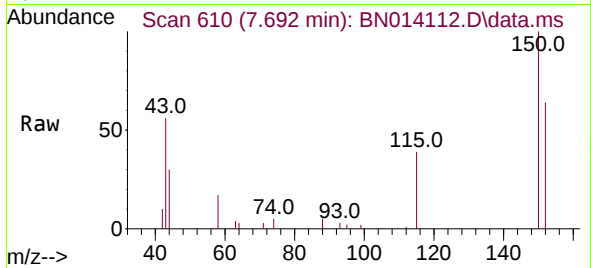
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. -0.008 min
 Lab File: BN014112.D
 Acq: 25 Mar 2021 18:37

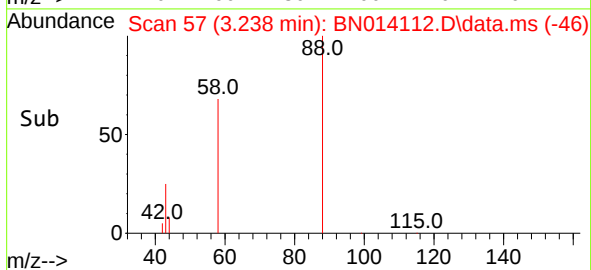
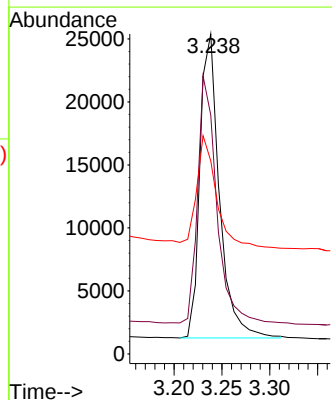
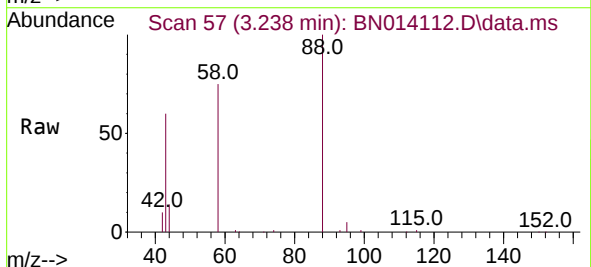
Instrument :
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 MW201D-20210320

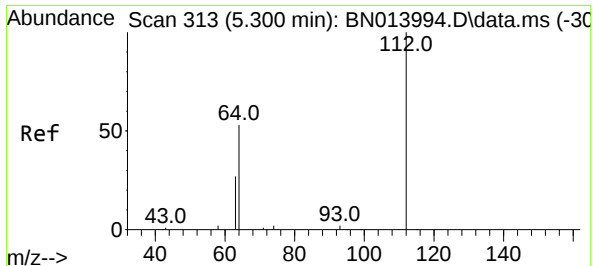
Tgt Ion: 152 Resp: 5267
 Ion Ratio Lower Upper
 152 100
 150 157.0 121.8 182.8
 115 61.7 46.6 69.8



#2
 1,4-Dioxane
 Concen: 4.94 ng
 RT: 3.238 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014112.D
 Acq: 25 Mar 2021 18:37

Tgt Ion: 88 Resp: 34306
 Ion Ratio Lower Upper
 88 100
 58 79.0 64.6 96.8
 43 37.7 26.6 40.0

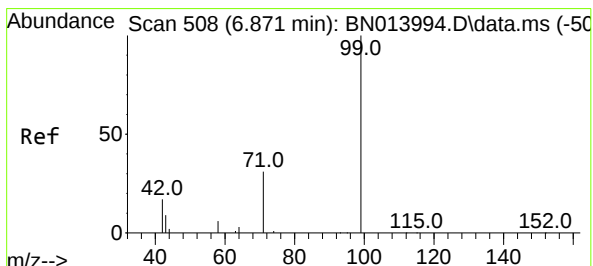
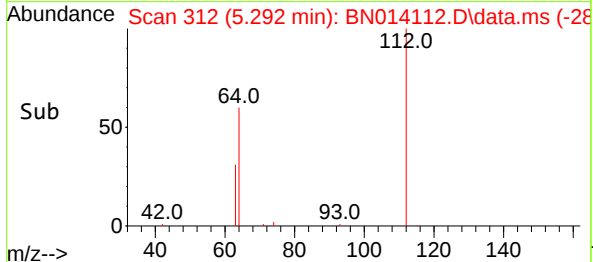
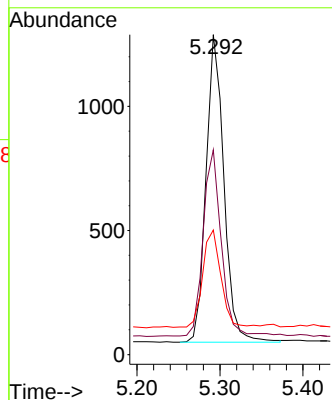
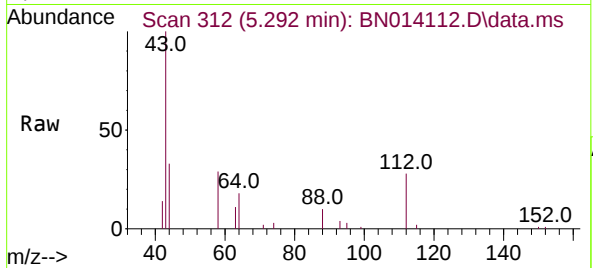




#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014112.D
Acq: 25 Mar 2021 18:37

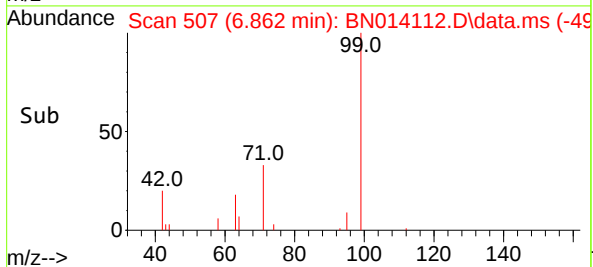
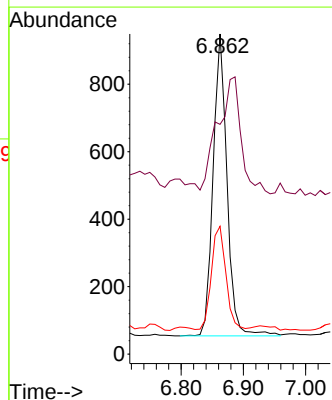
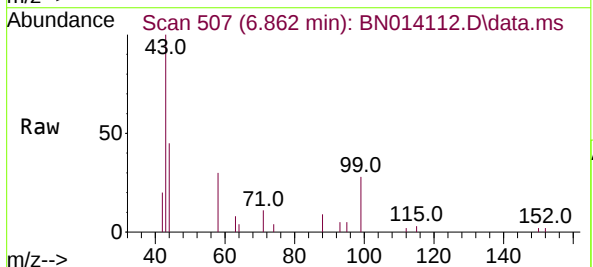
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BNA_N
ClientSampleId :
MW201D-20210320

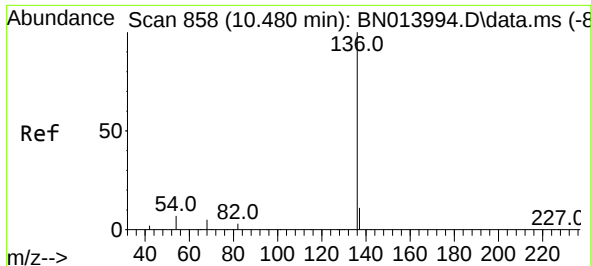
Tgt Ion:112 Resp: 1853
Ion Ratio Lower Upper
112 100
64 62.4 44.3 66.5
63 31.9 23.0 34.6



#5
Phenol-d6
Concen: 0.09 ng
RT: 6.862 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014112.D
Acq: 25 Mar 2021 18:37

Tgt Ion: 99 Resp: 1388
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 36.3 26.1 39.1

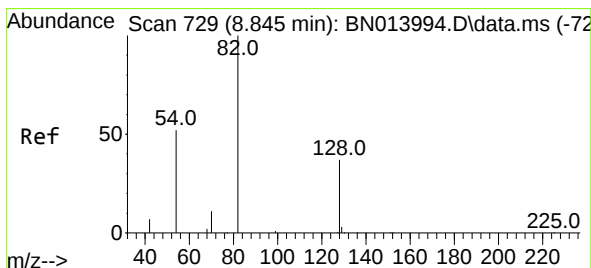
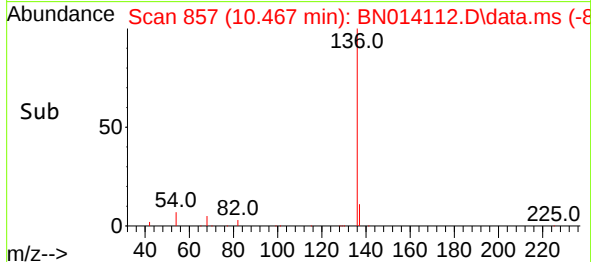
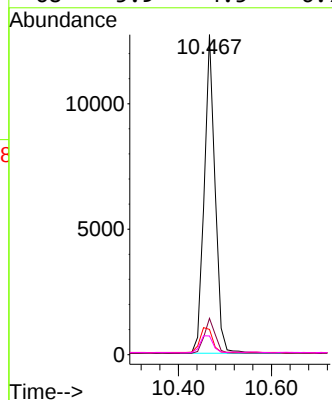
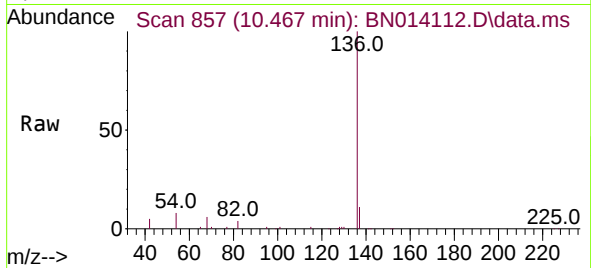




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.013 min
Lab File: BN014112.D
Acq: 25 Mar 2021 18:37

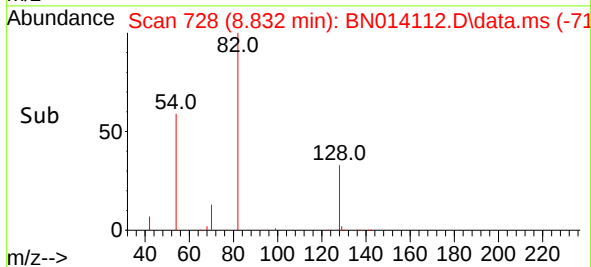
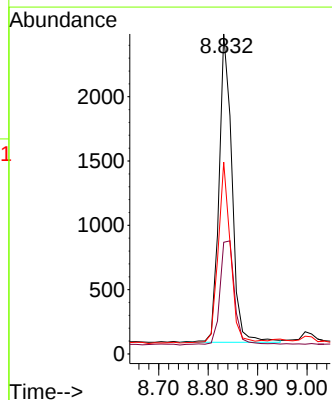
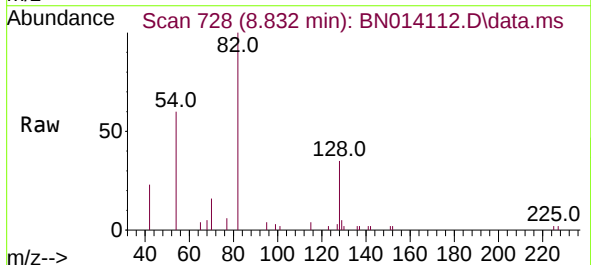
Instrument :
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ClientSampleId :
MW201D-20210320

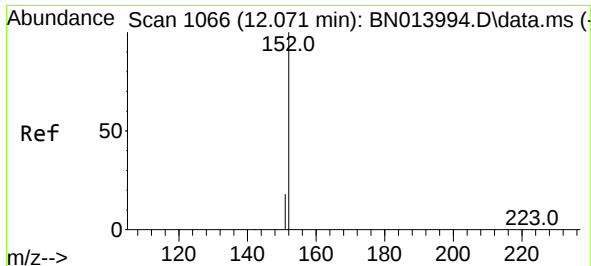
Tgt Ion:	136	Resp:	20590
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	7.9	6.4	9.6
68	5.9	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.013 min
Lab File: BN014112.D
Acq: 25 Mar 2021 18:37

Tgt Ion:	82	Resp:	4342
Ion Ratio	Lower	Upper	
82	100		
128	34.9	39.2	58.8#
54	60.0	40.1	60.1

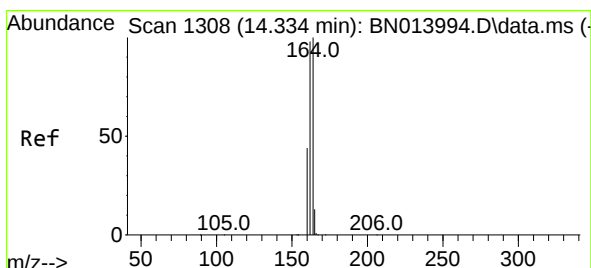
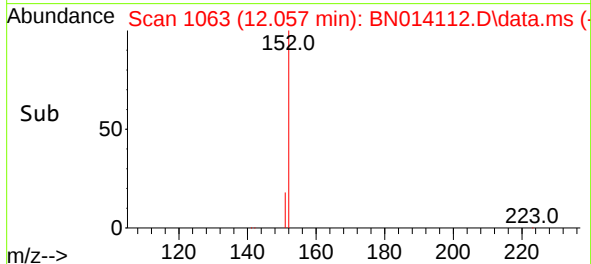
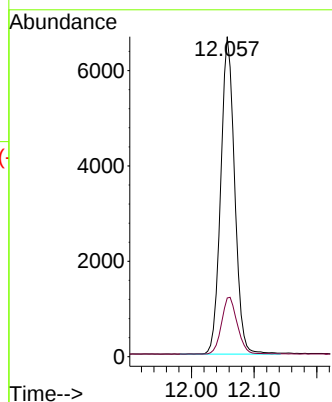
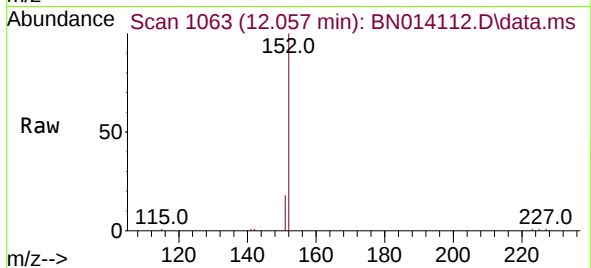




#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.057 min Scan# 1063
Delta R.T. -0.009 min
Lab File: BN014112.D
Acq: 25 Mar 2021 18:37

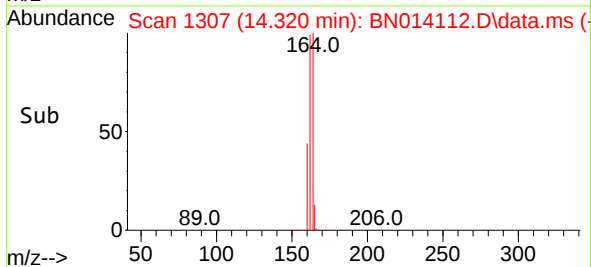
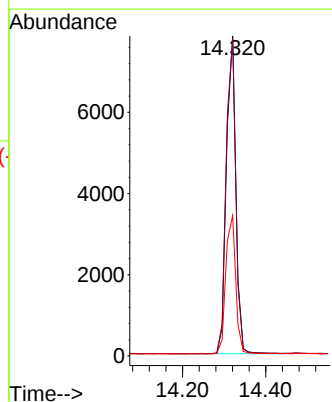
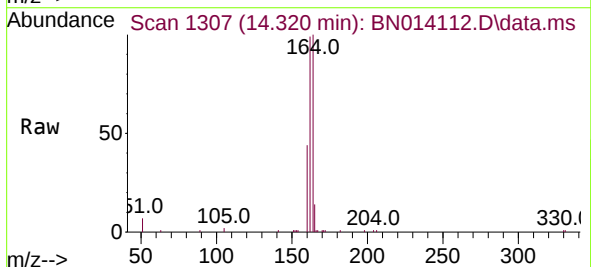
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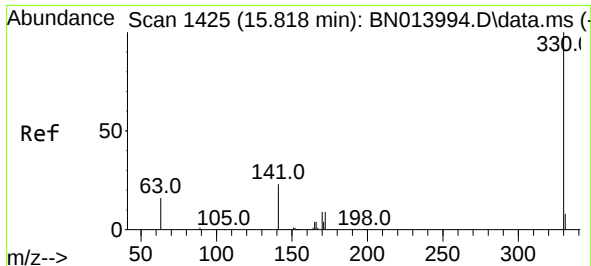
Tgt Ion:152 Resp: 10287
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.320 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014112.D
Acq: 25 Mar 2021 18:37

Tgt Ion:164 Resp: 12326
Ion Ratio Lower Upper
164 100
162 99.4 79.6 119.4
160 43.9 36.0 54.0

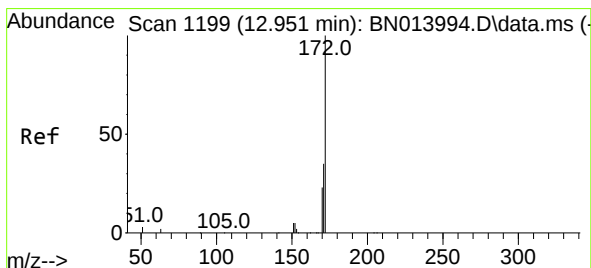
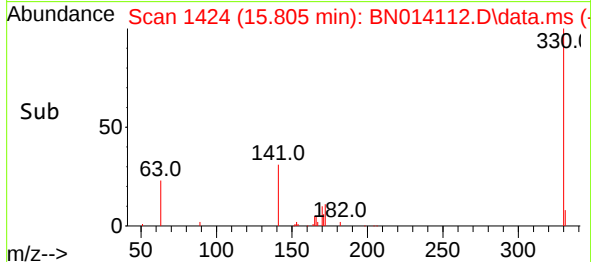
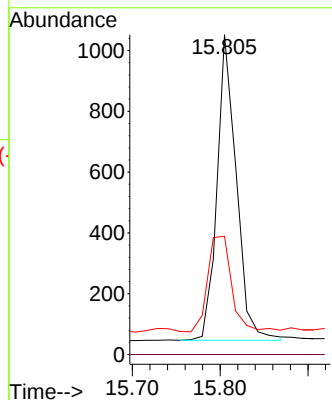
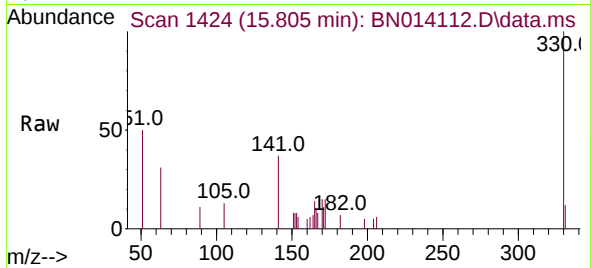




#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.013 min
Lab File: BN014112.D
Acq: 25 Mar 2021 18:37

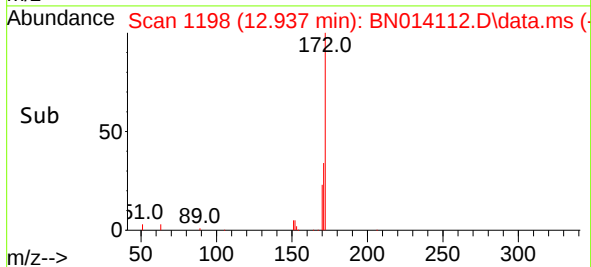
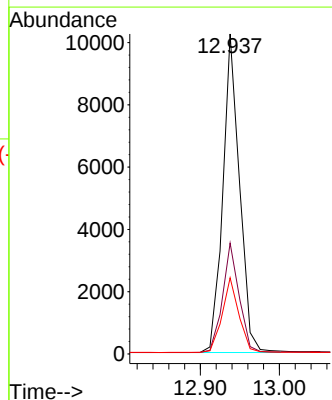
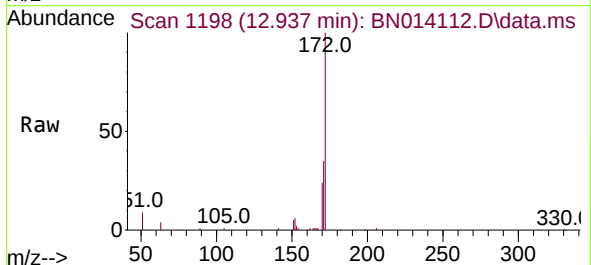
Instrument :
BNA_N
ClientSampleId :
MW201D-20210320

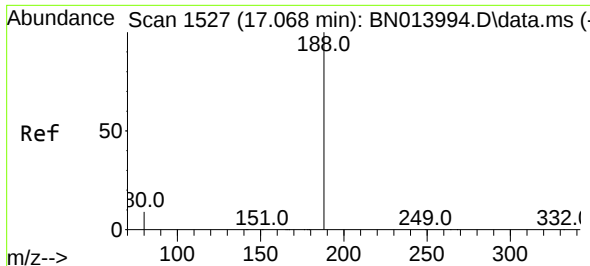
Tgt Ion:330 Resp: 1534
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.8 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.937 min Scan# 1198
Delta R.T. -0.013 min
Lab File: BN014112.D
Acq: 25 Mar 2021 18:37

Tgt Ion:172 Resp: 15012
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.8 18.9 28.3

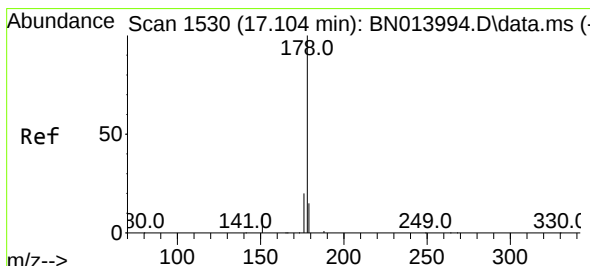
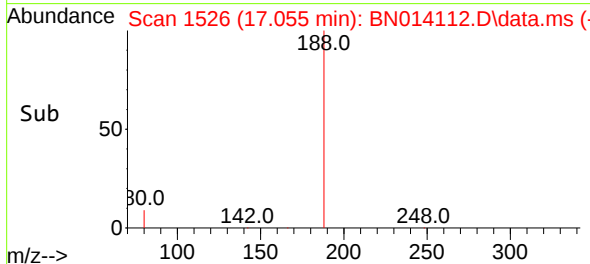
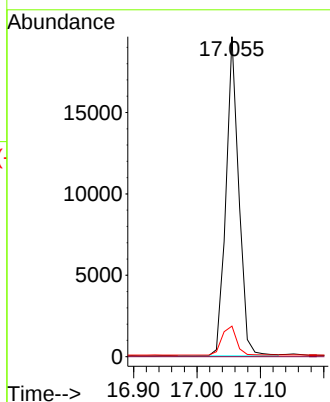
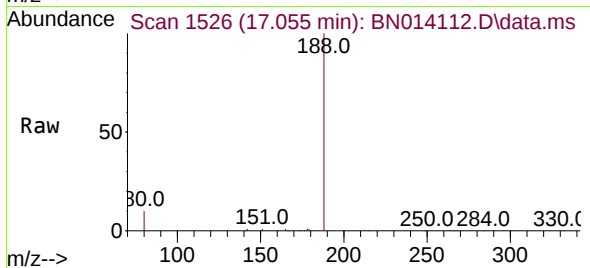




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014112.D
Acq: 25 Mar 2021 18:37

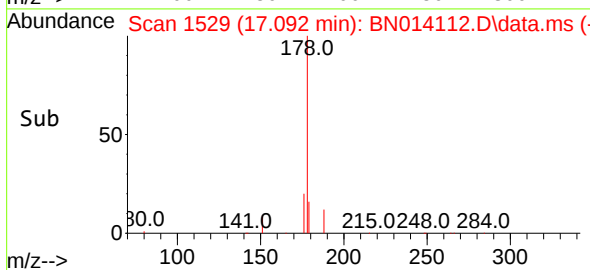
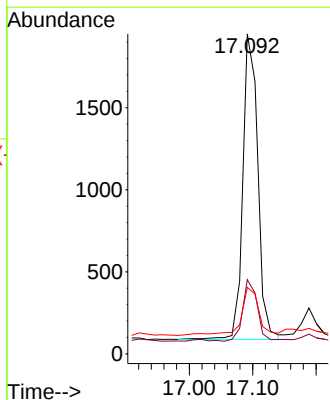
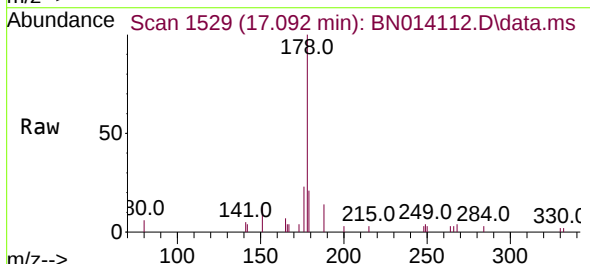
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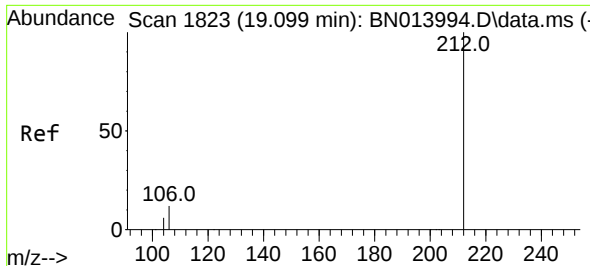
Tgt Ion:188 Resp: 27463
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 9.0 13.6



#25
Phenanthrene
Concen: 0.04 ng
RT: 17.092 min Scan# 1529
Delta R.T. -0.012 min
Lab File: BN014112.D
Acq: 25 Mar 2021 18:37

Tgt Ion:178 Resp: 3063
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.4
179 18.4 12.3 18.5

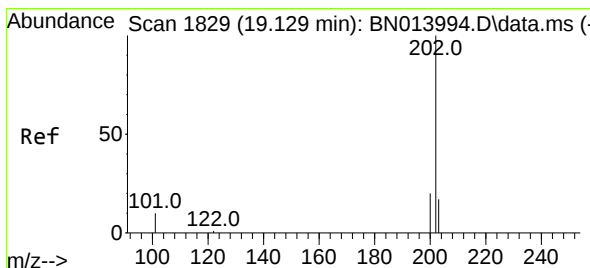
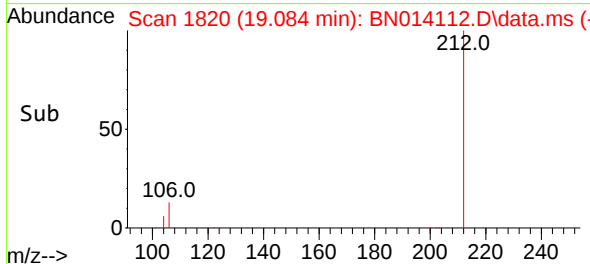
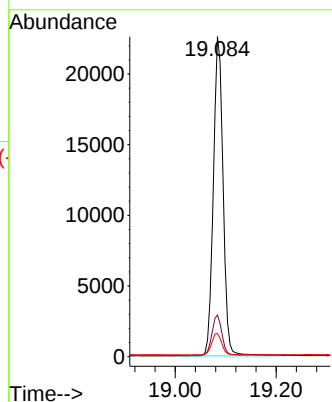
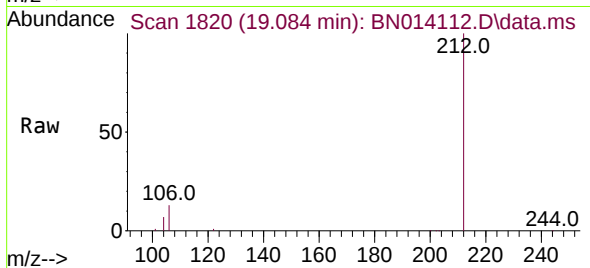




#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.084 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN014112.D
Acq: 25 Mar 2021 18:37

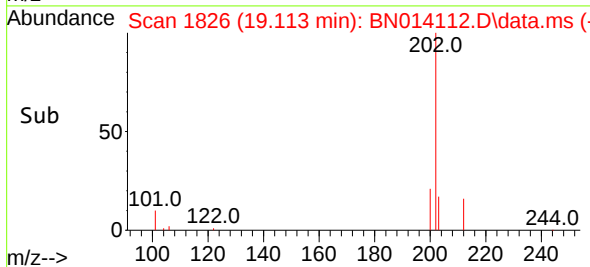
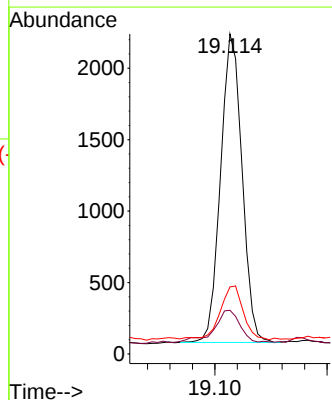
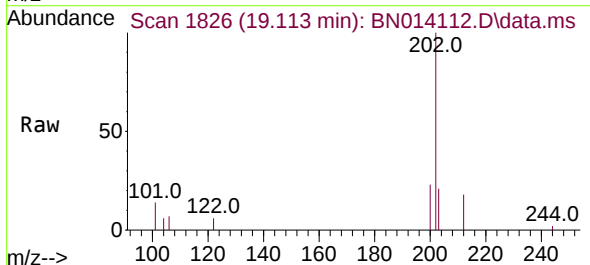
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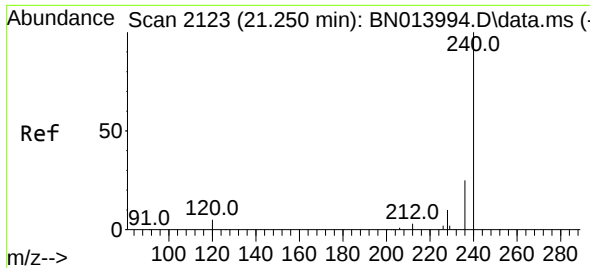
Tgt Ion:212 Resp: 30200
Ion Ratio Lower Upper
212 100
106 12.8 9.7 14.5
104 7.1 5.5 8.3



#28
Fluoranthene
Concen: 0.03 ng
RT: 19.113 min Scan# 1826
Delta R.T. -0.005 min
Lab File: BN014112.D
Acq: 25 Mar 2021 18:37

Tgt Ion:202 Resp: 2867
Ion Ratio Lower Upper
202 100
101 12.8 8.1 12.1#
203 18.9 13.9 20.9

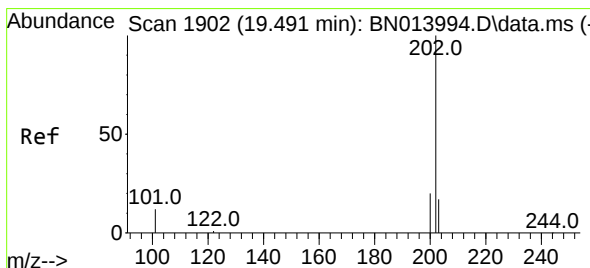
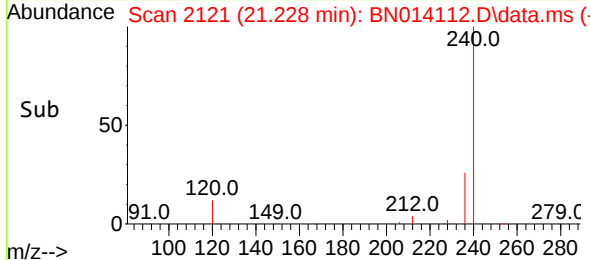
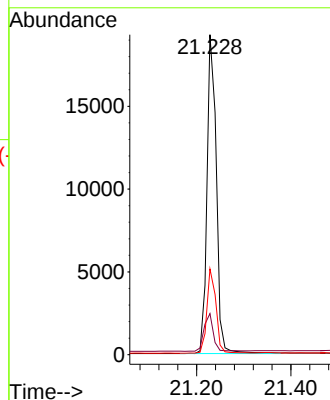
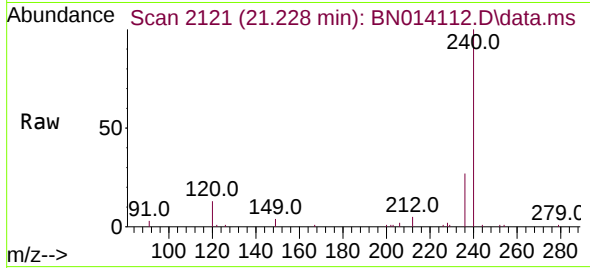




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.228 min Scan# 2121
Delta R.T. -0.011 min
Lab File: BN014112.D
Acq: 25 Mar 2021 18:37

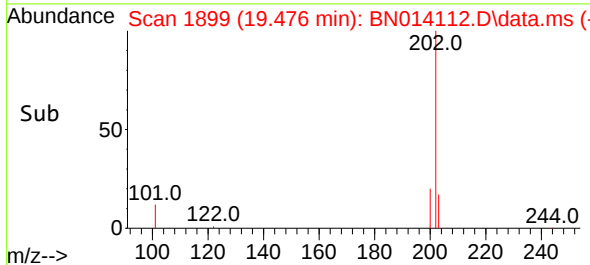
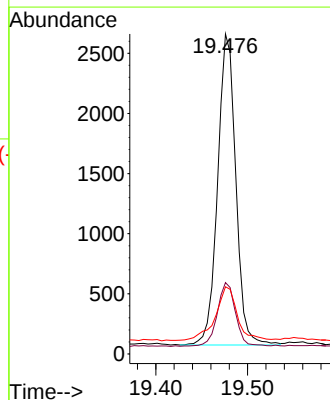
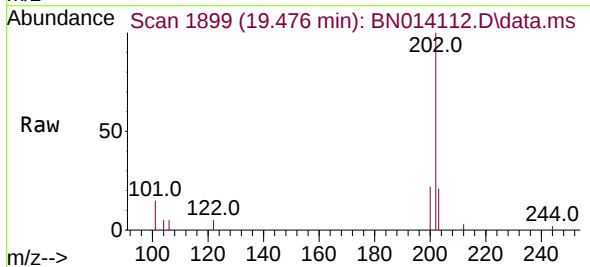
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ClientSampleId :
MW201D-20210320

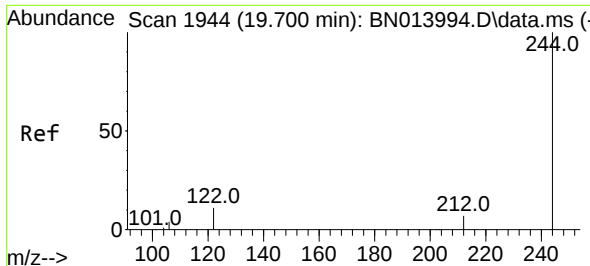
Tgt Ion:240 Resp: 26358
Ion Ratio Lower Upper
240 100
120 12.9 10.2 15.4
236 26.8 21.3 31.9



#30
Pyrene
Concen: 0.04 ng
RT: 19.476 min Scan# 1899
Delta R.T. -0.010 min
Lab File: BN014112.D
Acq: 25 Mar 2021 18:37

Tgt Ion:202 Resp: 3551
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 20.8 14.0 21.0

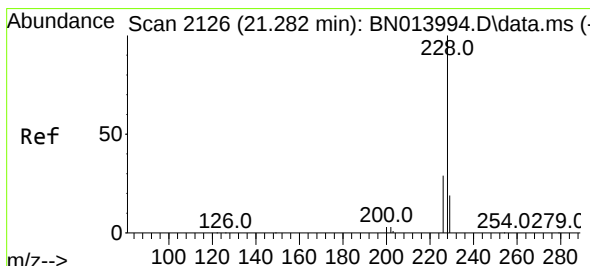
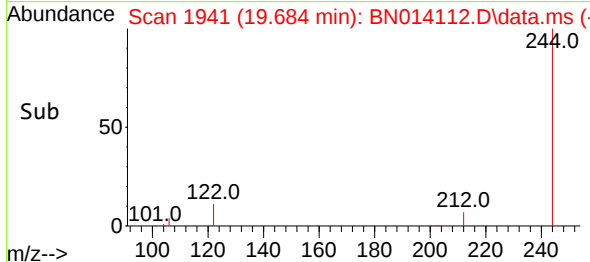
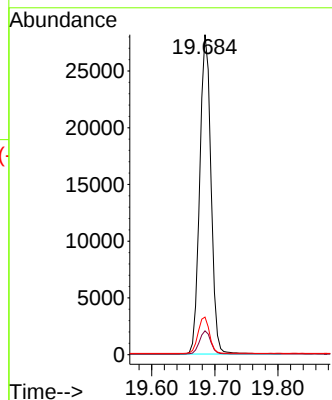
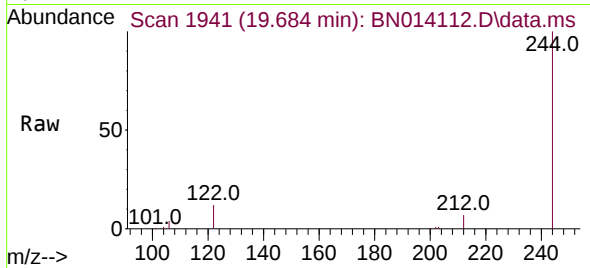




#31
Terphenyl-d14
Concen: 0.60 ng
RT: 19.684 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BN014112.D
Acq: 25 Mar 2021 18:37

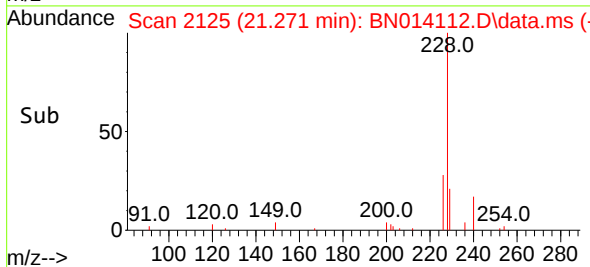
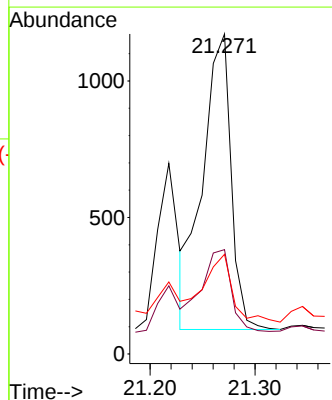
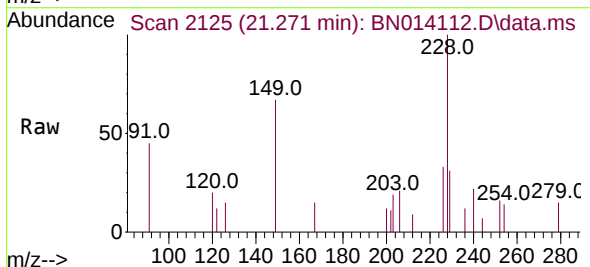
Instrument :
BNA_N
ClientSampleId :
MW201D-20210320

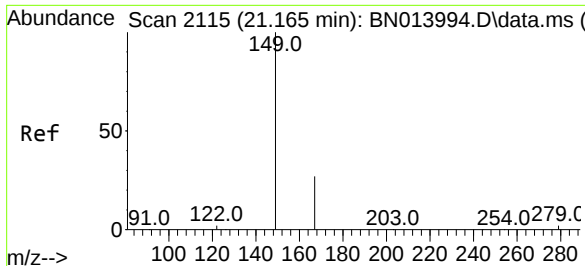
Tgt Ion:244 Resp: 34789
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 11.7 9.8 14.8



#33
Chrysene
Concen: 0.03 ng
RT: 21.271 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BN014112.D
Acq: 25 Mar 2021 18:37

Tgt Ion:228 Resp: 2042
Ion Ratio Lower Upper
228 100
226 32.6 24.3 36.5
229 31.1 15.1 22.7#

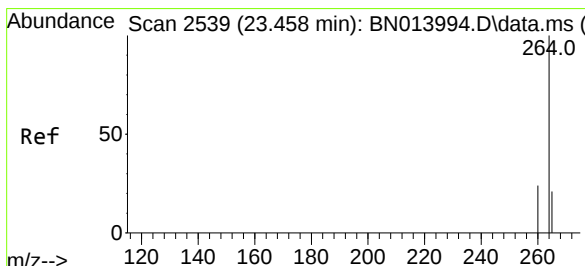
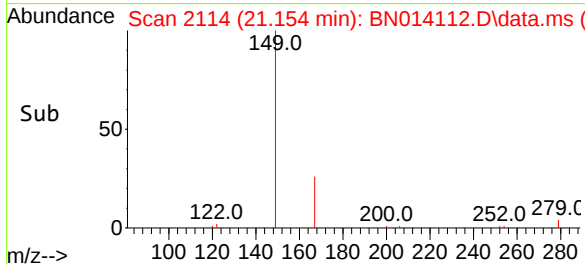
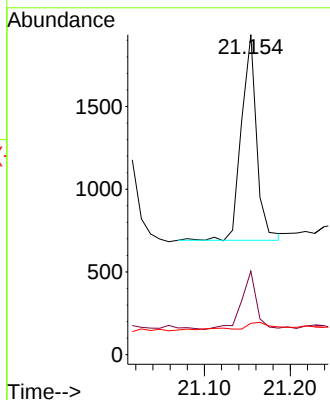
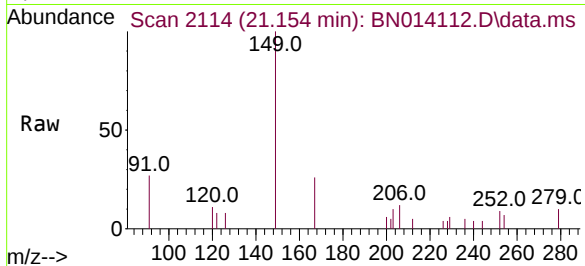




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.05 ng
 RT: 21.154 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: BN014112.D
 Acq: 25 Mar 2021 18:37

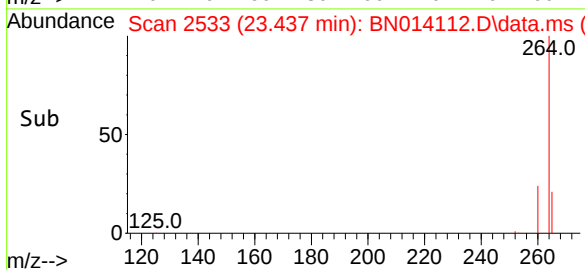
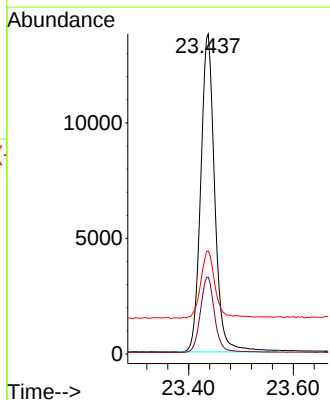
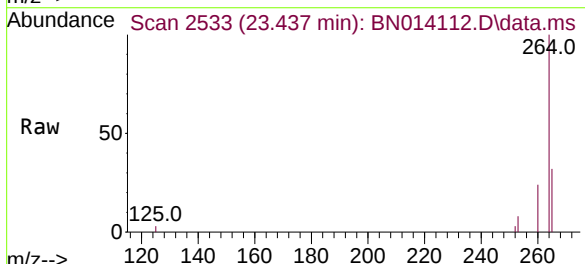
Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20210320

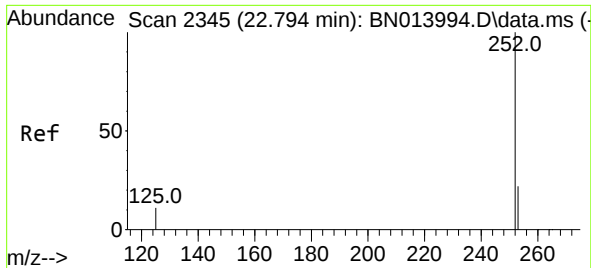
Tgt Ion:149 Resp: 1537
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.1 33.1
 279 4.8 3.5 5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.437 min Scan# 2533
 Delta R.T. -0.010 min
 Lab File: BN014112.D
 Acq: 25 Mar 2021 18:37

Tgt Ion:264 Resp: 25629
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 32.2 66.2 99.4#

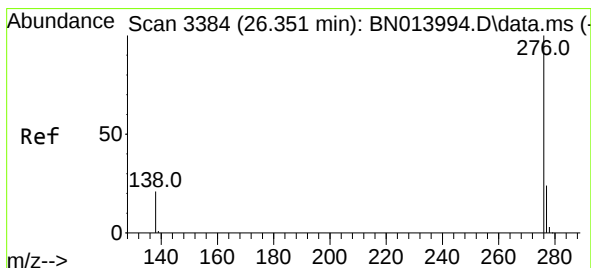
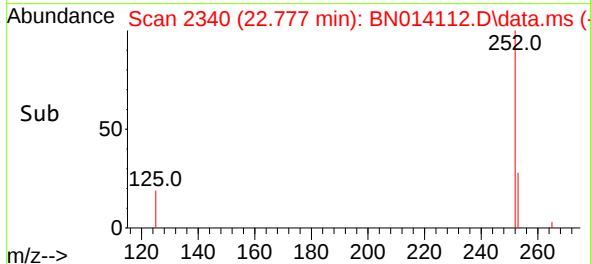
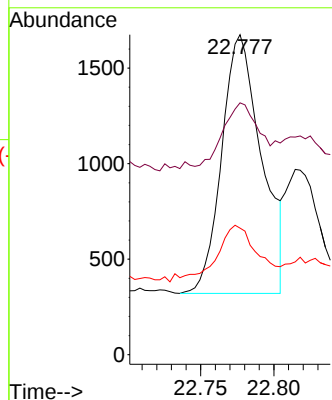
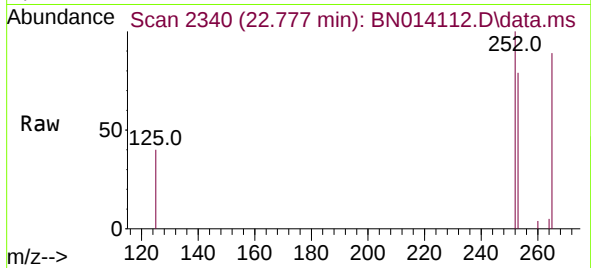




#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.777 min Scan# 2340
Delta R.T. -0.007 min
Lab File: BN014112.D
Acq: 25 Mar 2021 18:37

Instrument :
BNA_N
ClientSampleId :
MW201D-20210320

Tgt Ion:252 Resp: 2554
Ion Ratio Lower Upper
252 100
253 78.7 20.4 30.6#
125 39.6 11.6 17.4#



#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.316 min Scan# 3374
Delta R.T. -0.014 min
Lab File: BN014112.D
Acq: 25 Mar 2021 18:37

Tgt Ion:276 Resp: 1904
Ion Ratio Lower Upper
276 100
277 35.6 20.0 30.0#
138 33.8 17.8 26.8#

