

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062421\
 Data File : BN015019.D
 Acq On : 23 Jun 2021 21:18
 Operator : CG/JU
 Sample : M2799-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-8D

Quant Time: Jun 24 01:11:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 23 16:24:59 2021
 Response via : Initial Calibration

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

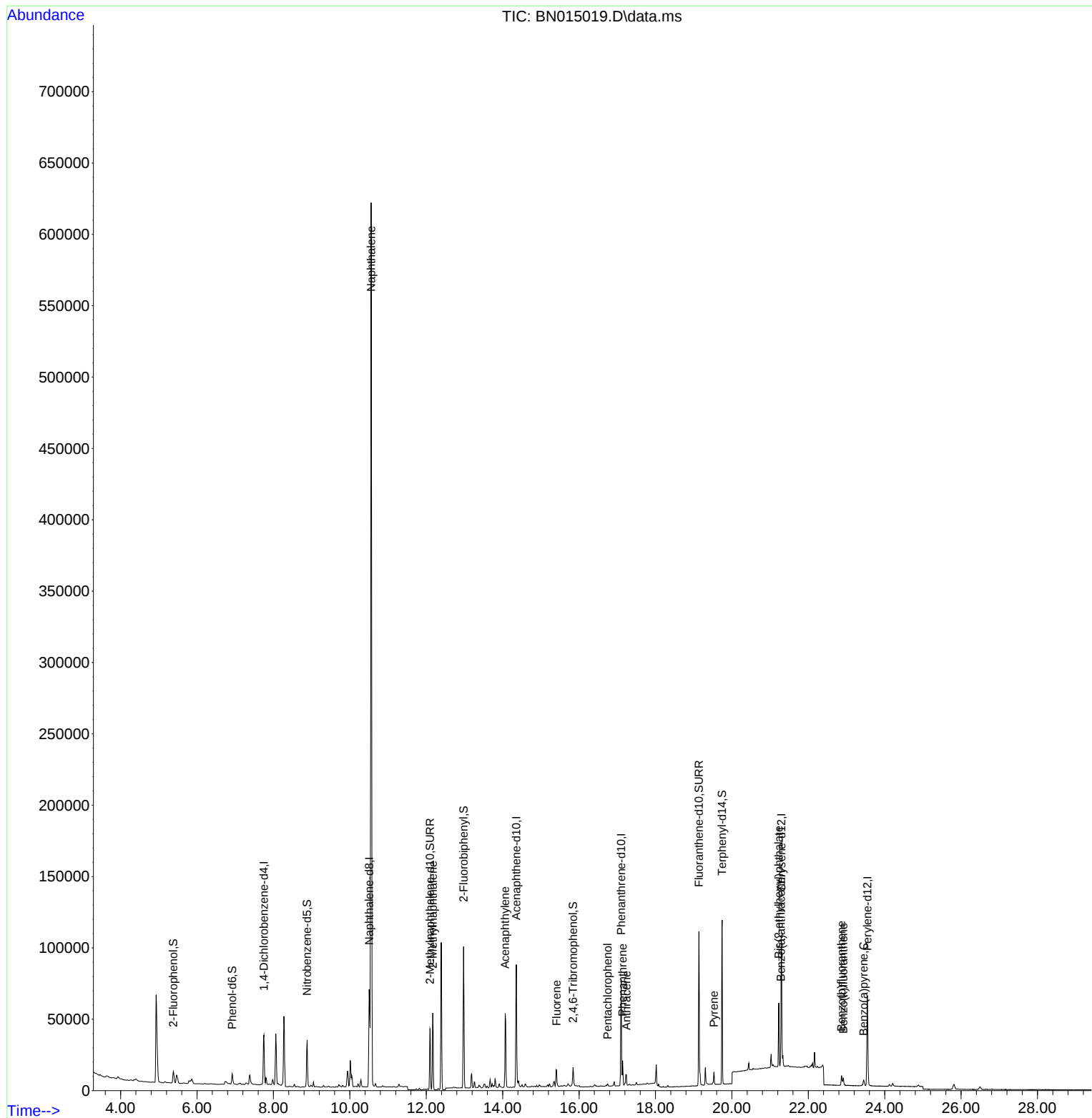
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	20882	0.400	ng	# 0.00
7) Naphthalene-d8	10.505	136	93822	0.400	ng	# 0.00
13) Acenaphthene-d10	14.359	164	51349	0.400	ng	0.00
19) Phenanthrene-d10	17.104	188	99725	0.400	ng	# 0.00
29) Chrysene-d12	21.292	240	89423	0.400	ng	#-0.01
35) Perylene-d12	23.547	264	82250	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.381	112	10085	0.156	ng	0.00
5) Phenol-d6	6.920	99	7057	0.086	ng	0.00
8) Nitrobenzene-d5	8.883	82	28004	0.395	ng	0.00
11) 2-Methylnaphthalene-d10	12.097	152	56799	0.353	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	9376	0.389	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	82604	0.424	ng	0.00
27) Fluoranthene-d10	19.138	212	115040	0.366	ng	0.00
31) Terphenyl-d14	19.744	244	111960	0.505	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.556	128	795823	3.026	ng	97
12) 2-Methylnaphthalene	12.173	142	38533	0.218	ng	# 90
16) Acenaphthylene	14.067	152	63631	0.245	ng	98
18) Fluorene	15.412	166	9047	0.046	ng	98
24) Pentachlorophenol	16.751	266	669	0.027	ng	# 59
25) Phenanthrene	17.140	178	17789	0.058	ng	97
26) Anthracene	17.238	178	9381	0.032	ng	98
30) Pyrene	19.531	202	7716	0.022	ng	99
32) Benzo(a)anthracene	21.282	228	7295	0.022	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.228	149	37469	0.159	ng	# 88
37) Benzo(b)fluoranthene	22.869	252	8588	0.028	ng	# 71
38) Benzo(k)fluoranthene	22.917	252	6723	0.023	ng	# 64
39) Benzo(a)pyrene	23.448	252	5925	0.022	ng	# 56

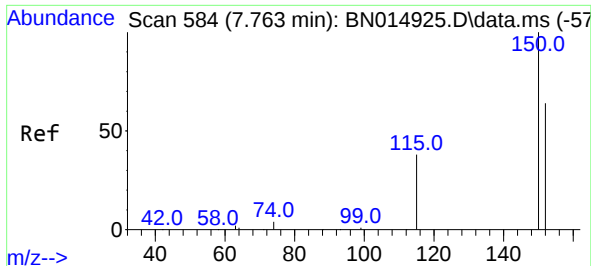
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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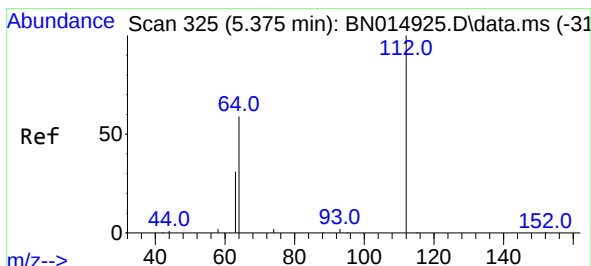
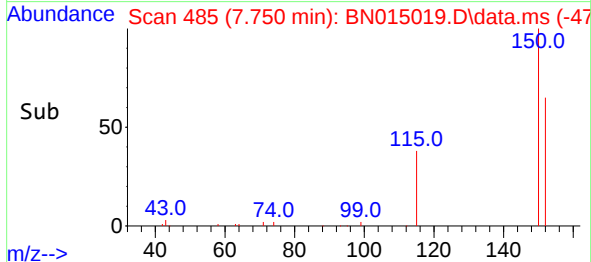
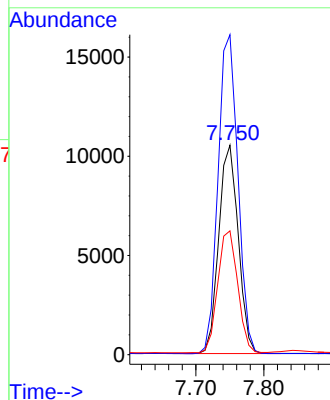
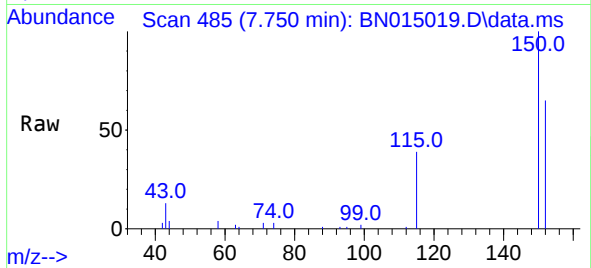




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.750 min Scan# 485
Delta R.T. 0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

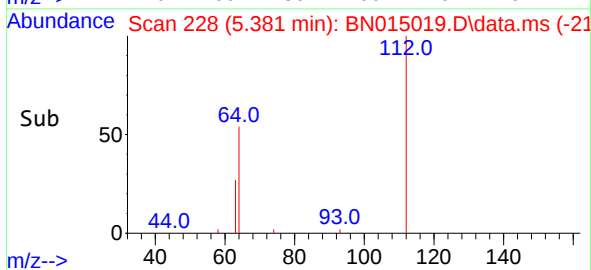
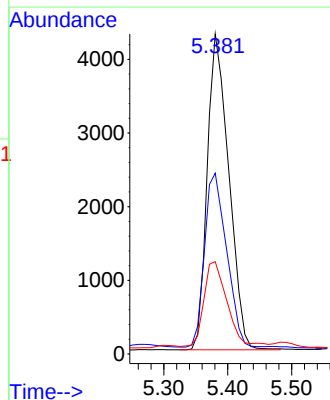
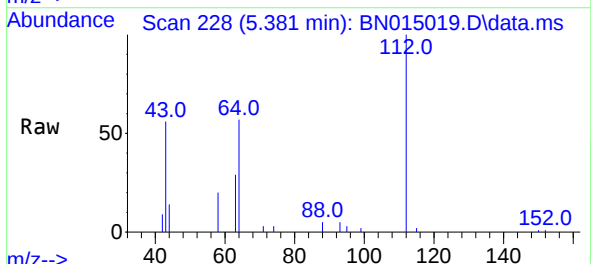
Instrument :
BNA_N
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MW-8D

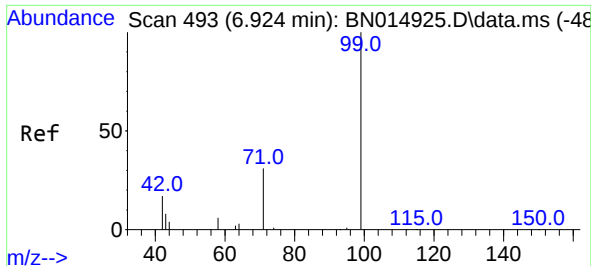
Tgt Ion:152 Resp: 20882
Ion Ratio Lower Upper
152 100
150 152.8 119.0 178.6
115 59.2 62.2 93.4#



#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.381 min Scan# 228
Delta R.T. 0.009 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:112 Resp: 10085
Ion Ratio Lower Upper
112 100
64 56.1 39.0 58.6
63 28.6 20.6 30.8

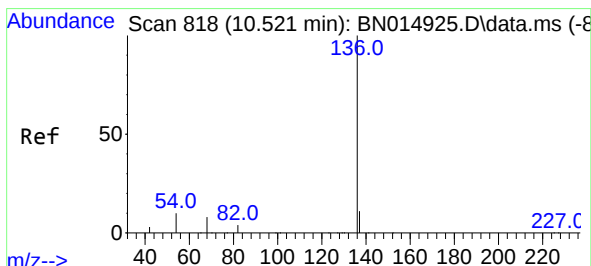
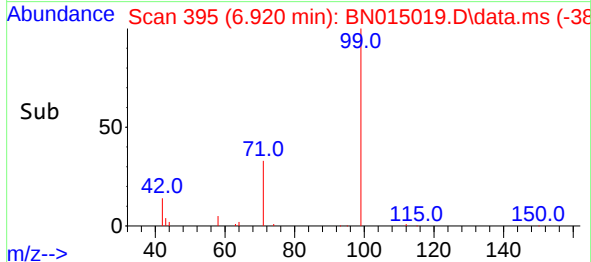
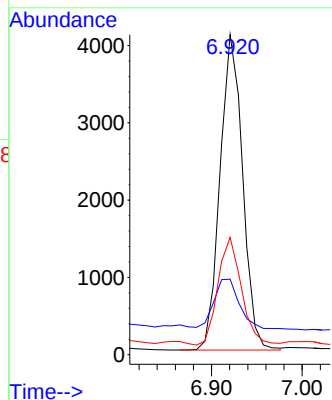
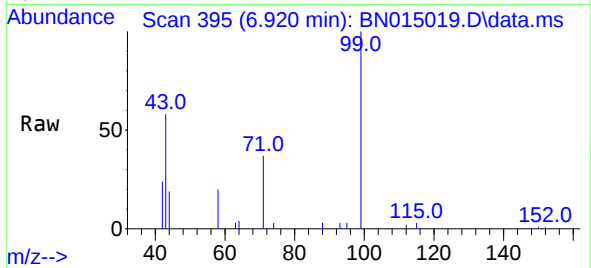




#5
Phenol-d6
Concen: 0.086 ng
RT: 6.920 min Scan# 395
Delta R.T. 0.009 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

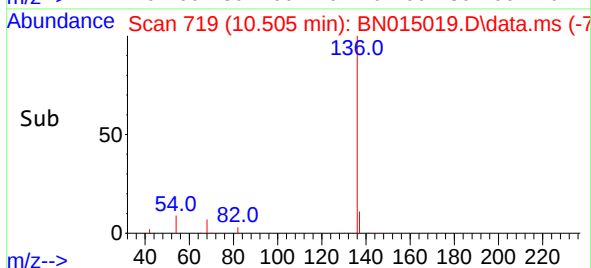
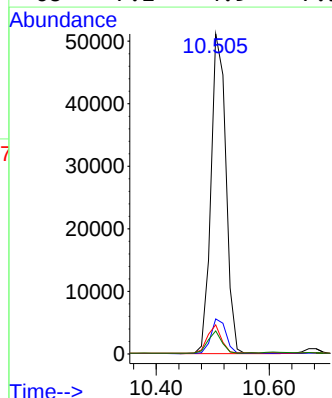
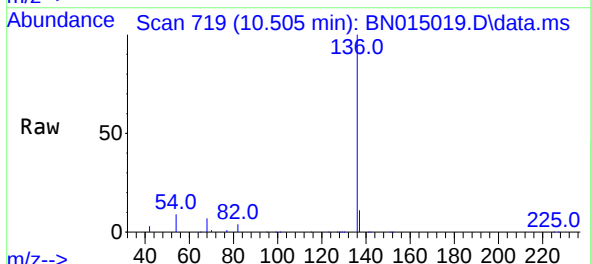
Instrument :
BNA_N
ClientSampleId :
MW-8D

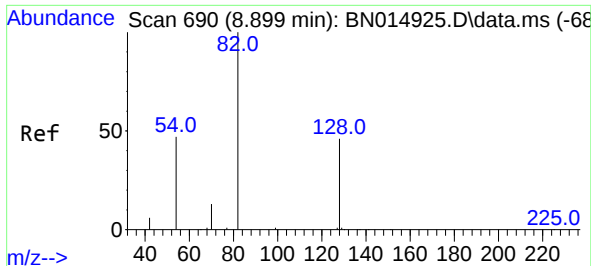
Tgt Ion: 99 Resp: 7057
Ion Ratio Lower Upper
99 100
42 17.3 8.9 13.3#
71 35.7 35.6 53.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.505 min Scan# 719
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion: 136 Resp: 93822
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.8
54 9.1 5.4 8.2#
68 7.2 4.9 7.3

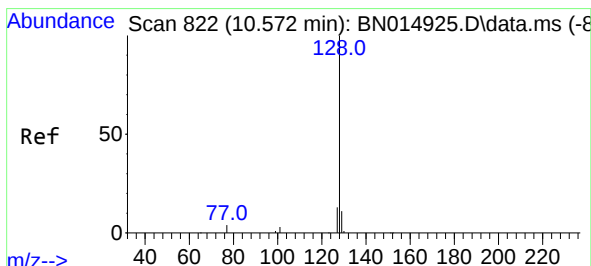
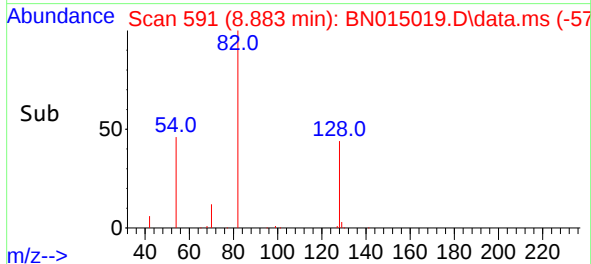
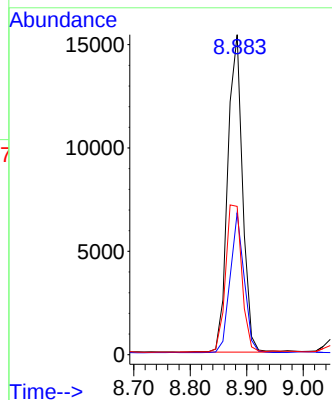
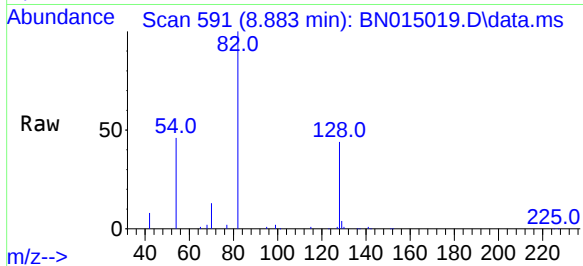




#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 8.883 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

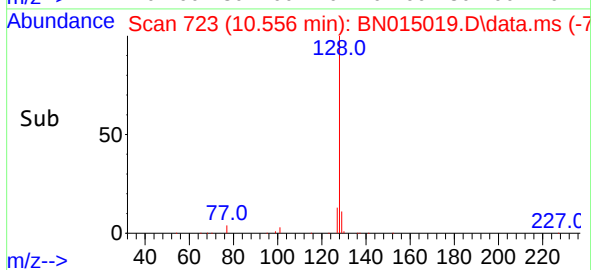
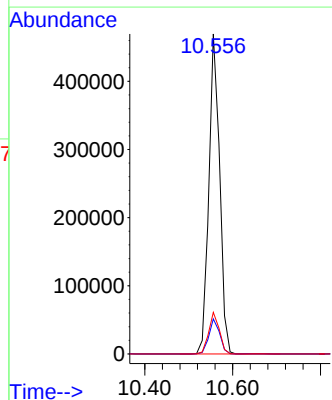
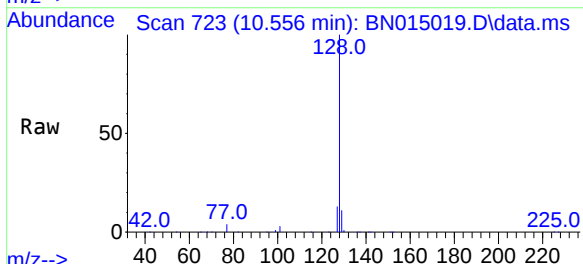
Instrument :
BNA_N
ClientSampleId :
MW-8D

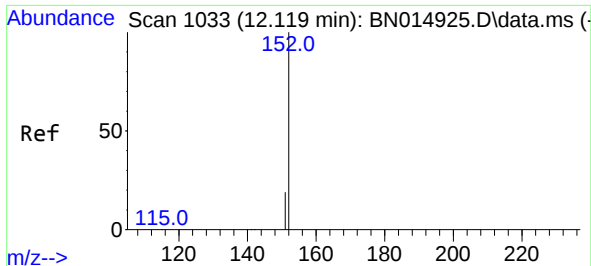
Tgt Ion: 82 Resp: 28004
Ion Ratio Lower Upper
82 100
128 44.4 31.6 47.4
54 46.4 29.0 43.4#



#9
Naphthalene
Concen: 3.026 ng
RT: 10.556 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

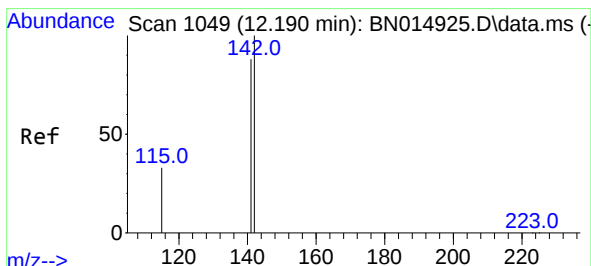
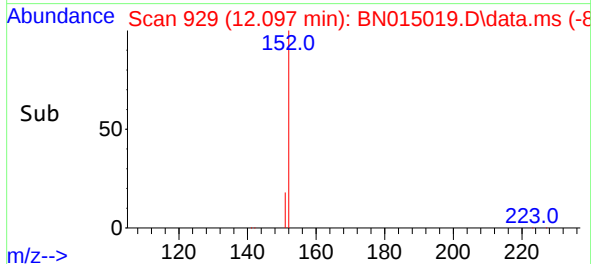
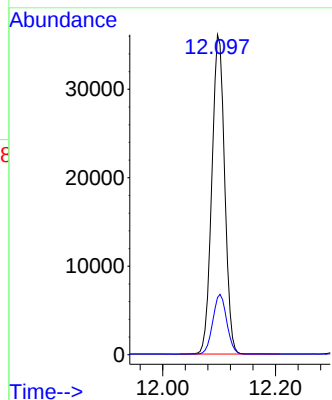
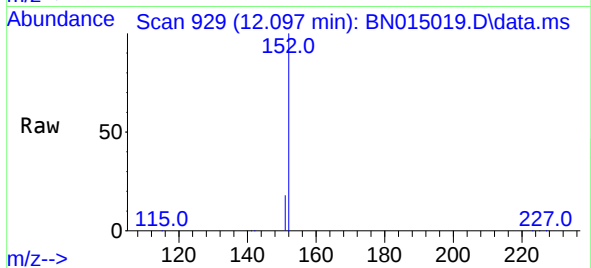
Tgt Ion: 128 Resp: 795823
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.0 11.8 17.6





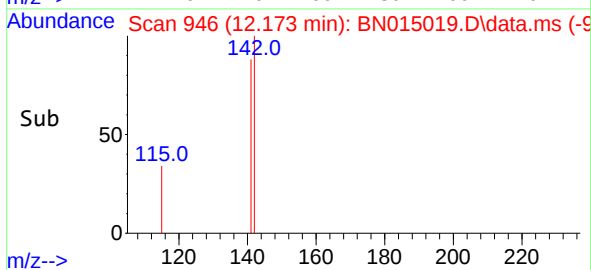
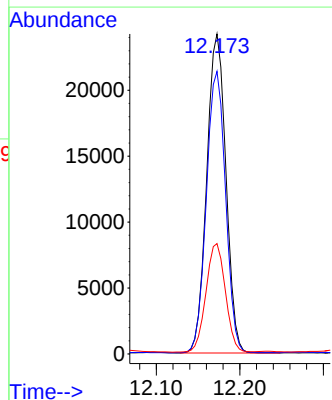
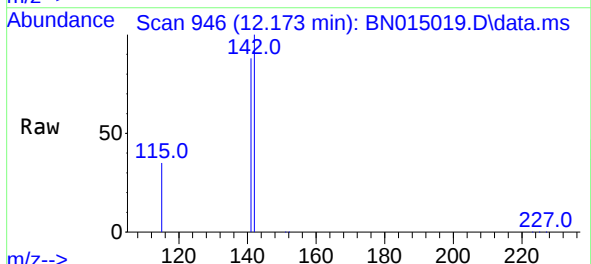
#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.097 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:152 Resp: 56799
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1

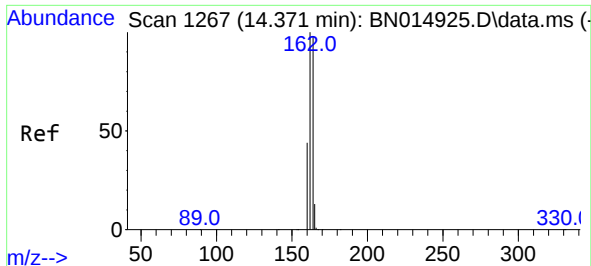


#12
2-Methylnaphthalene
Concen: 0.218 ng
RT: 12.173 min Scan# 946
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:142 Resp: 38533
Ion Ratio Lower Upper
142 100
141 88.3 72.3 108.5
115 34.5 40.7 61.1#



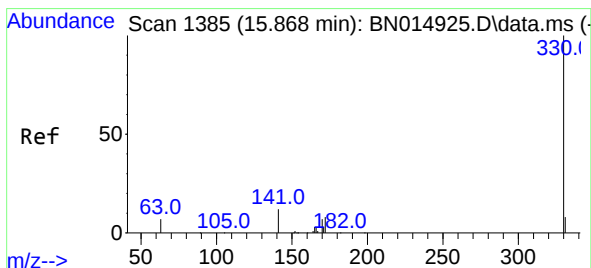
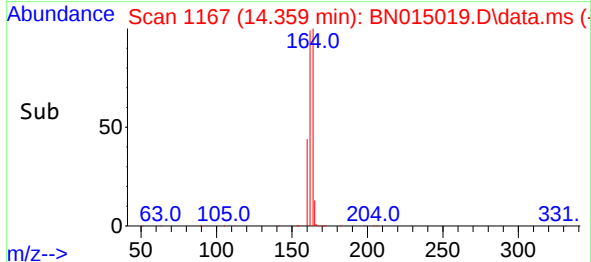
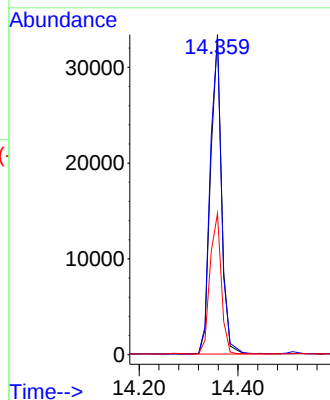
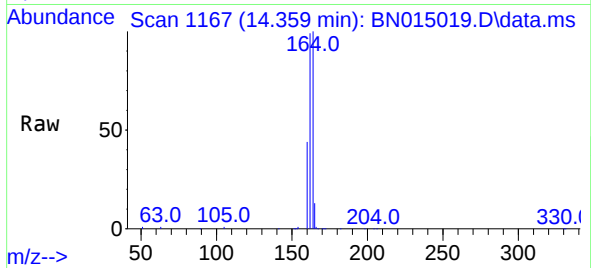
Instrument :
BNA_N
ClientSampleId :
MW-8D



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.359 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

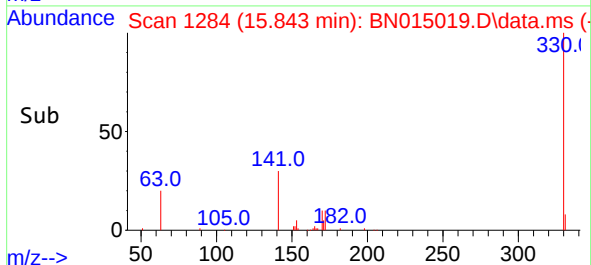
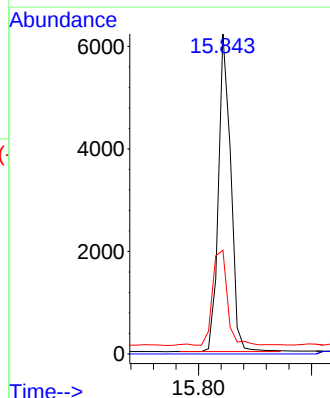
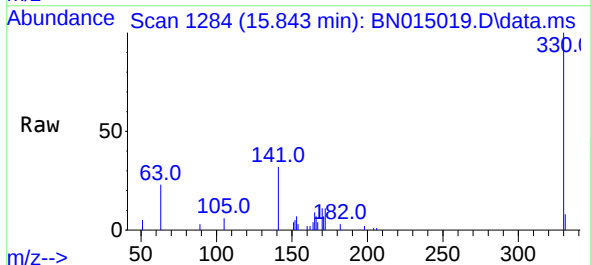
Instrument :
BNA_N
ClientSampleId :
MW-8D

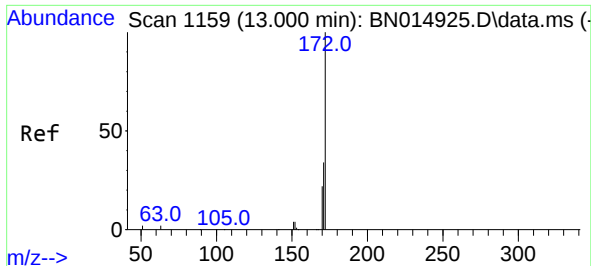
Tgt Ion:164 Resp: 51349
Ion Ratio Lower Upper
164 100
162 99.2 83.8 125.6
160 44.1 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.389 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:330 Resp: 9376
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.8 22.4 33.6#

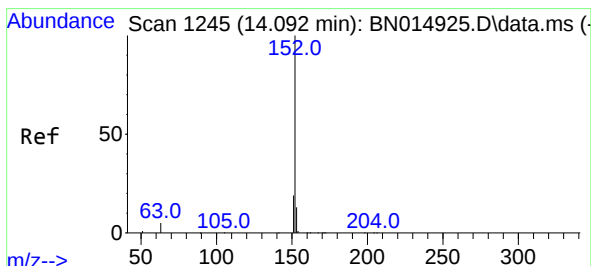
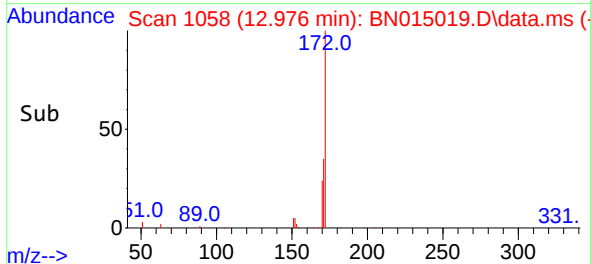
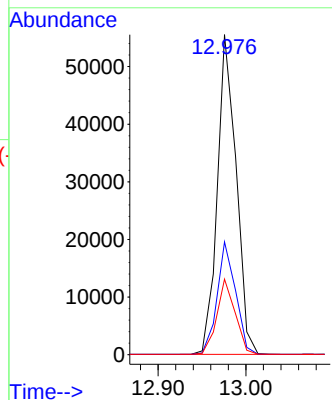
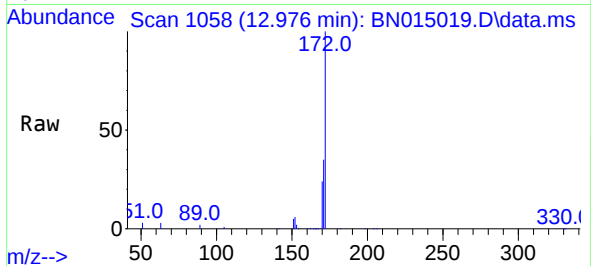




#15
2-Fluorobiphenyl
Concen: 0.424 ng
RT: 12.976 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

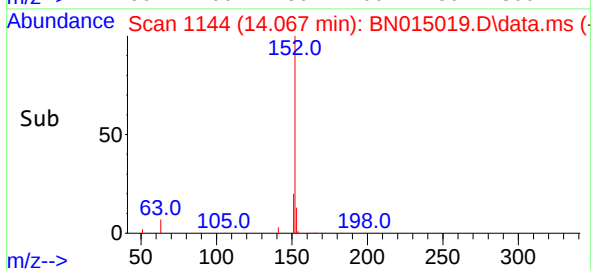
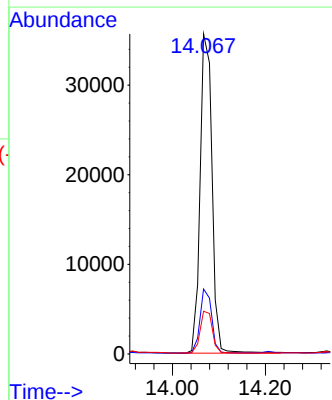
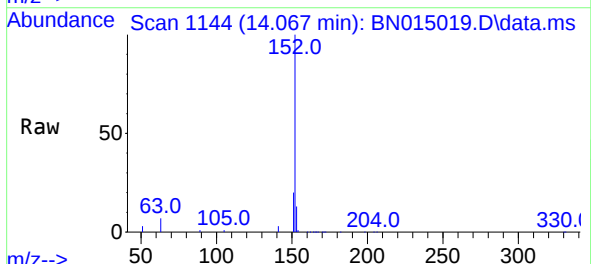
Instrument :
BNA_N
ClientSampled :
MW-8D

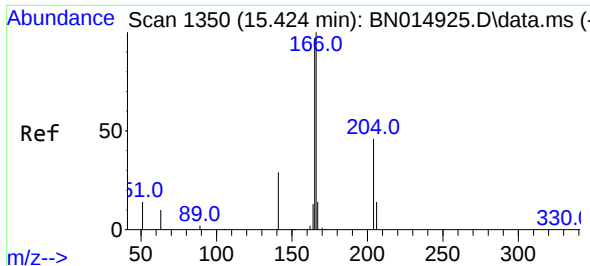
Tgt Ion:	172	Resp:	82604
Ion Ratio	Lower	Upper	
172	100		
171	35.2	30.6	45.8
170	23.6	20.2	30.4



#16
Acenaphthylene
Concen: 0.245 ng
RT: 14.067 min Scan# 1144
Delta R.T. -0.013 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:	152	Resp:	63631
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.7	25.1
153	13.5	10.5	15.7

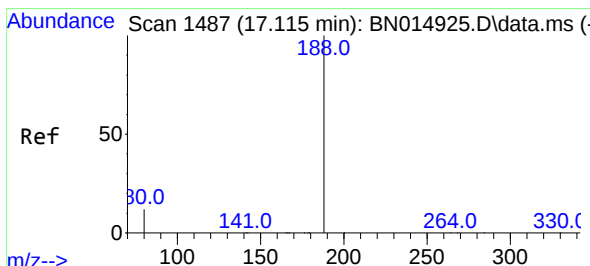
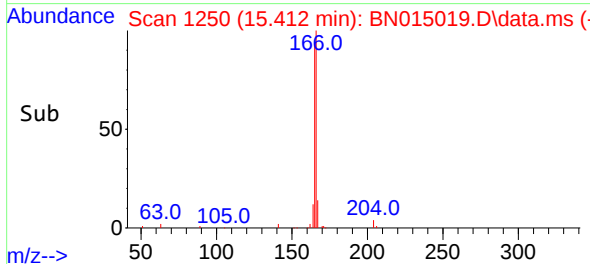
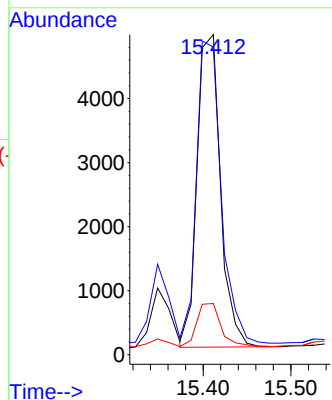
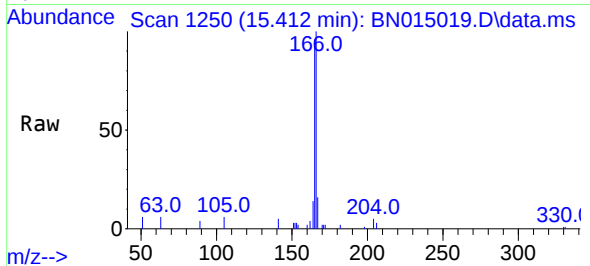




#18
Fluorene
Concen: 0.046 ng
RT: 15.412 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

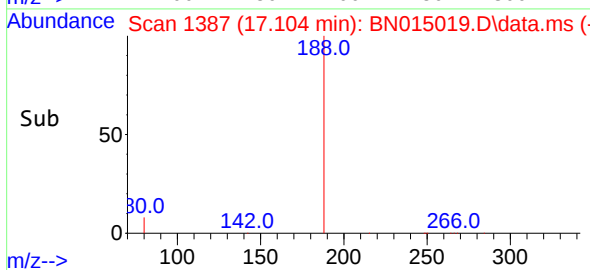
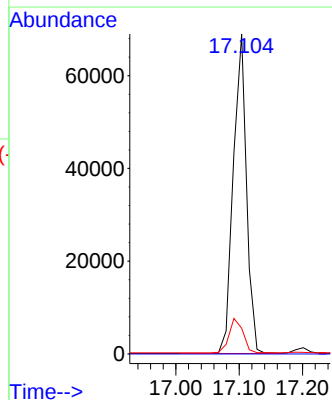
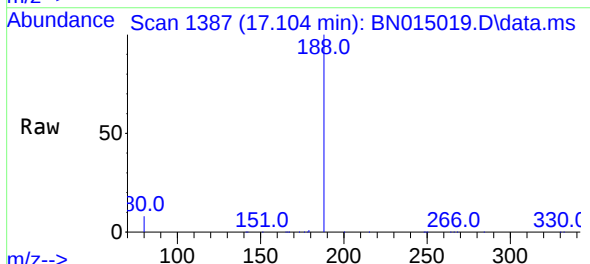
Instrument :
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ClientSampleId :
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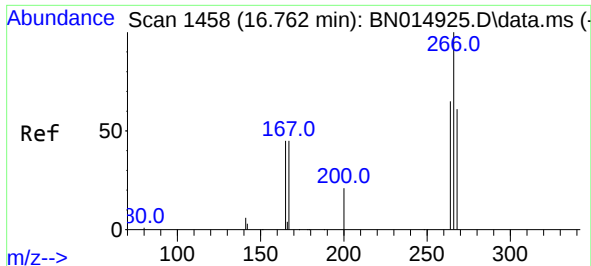
Tgt Ion:166 Resp: 9047
Ion Ratio Lower Upper
166 100
165 101.5 79.2 118.8
167 14.3 10.7 16.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.104 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:188 Resp: 99725
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 9.0 13.4#

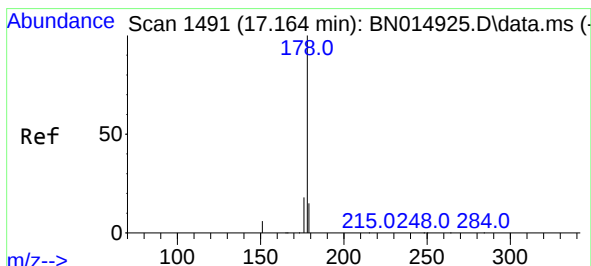
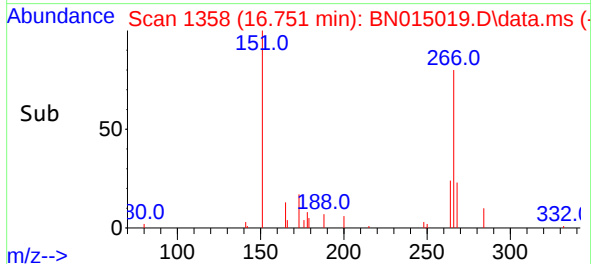
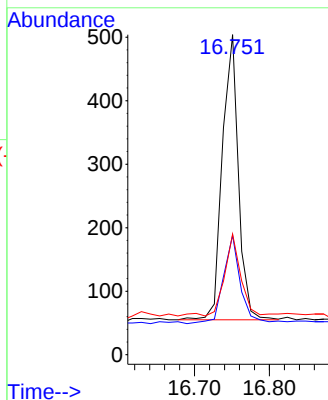
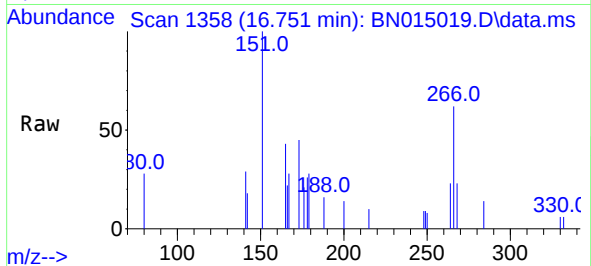




#24
Pentachlorophenol
Concen: 0.027 ng
RT: 16.751 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

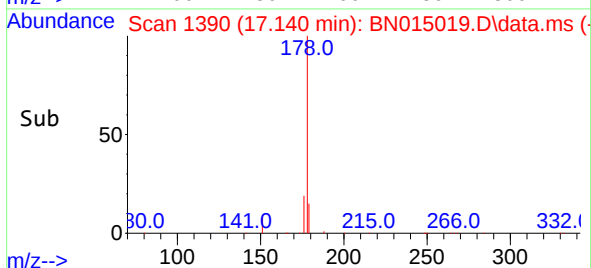
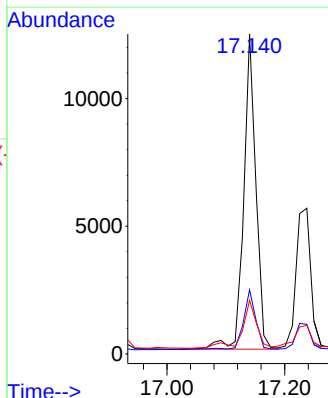
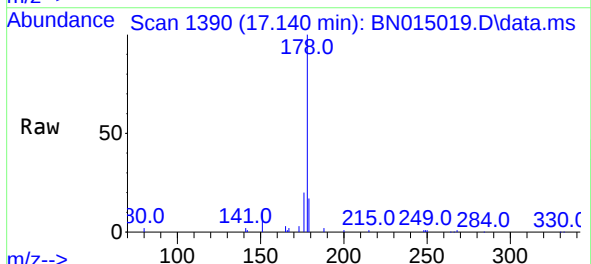
Instrument :
BNA_N
ClientSampleId :
MW-8D

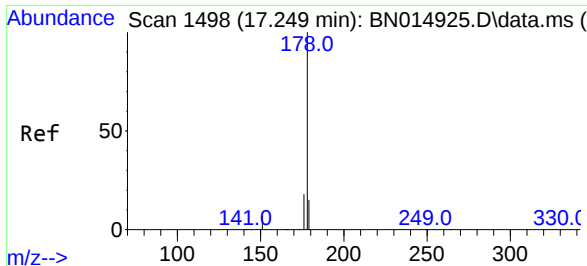
Tgt Ion:	266	Resp:	669
Ion	Ratio	Lower	Upper
266	100		
264	33.2	51.0	76.4#
268	29.3	50.6	76.0#



#25
Phenanthrene
Concen: 0.058 ng
RT: 17.140 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:	178	Resp:	17789
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	17.7	12.1	18.1

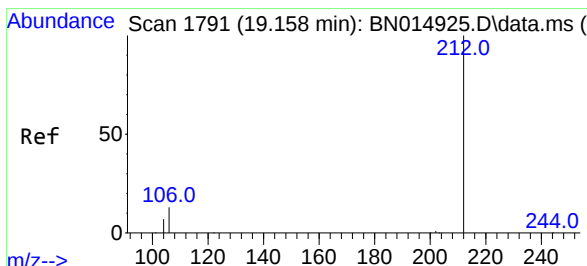
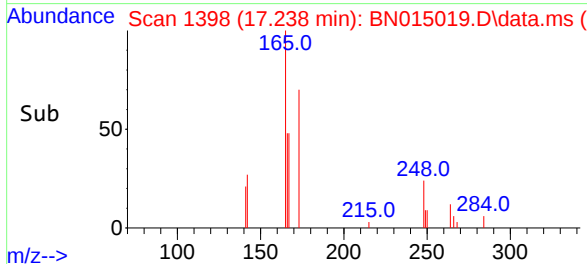
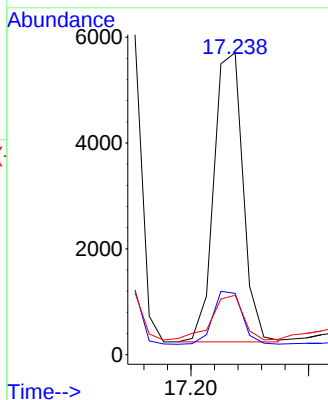
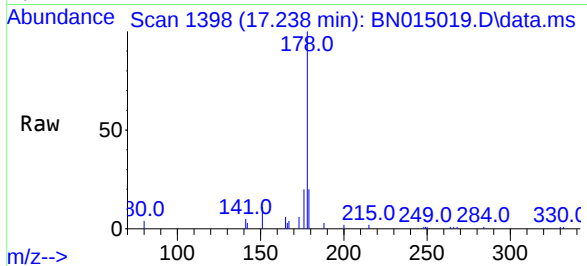




#26
 Anthracene
 Concen: 0.032 ng
 RT: 17.238 min Scan# 1398
 Delta R.T. -0.000 min
 Lab File: BN015019.D
 Acq: 23 Jun 2021 21:18

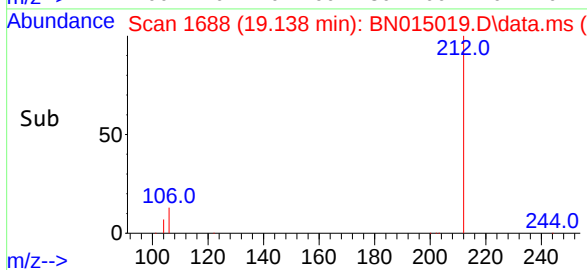
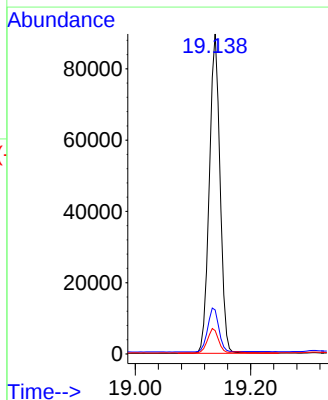
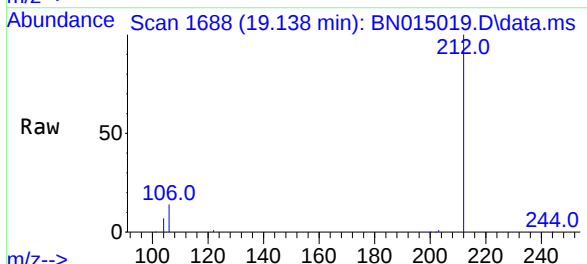
Instrument :
 BNA_N
 ClientSampleId :
 MW-8D

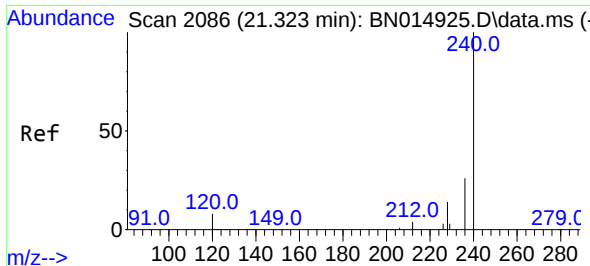
Tgt Ion:	178	Resp:	9381
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.1	22.7
179	16.6	12.2	18.2



#27
 Fluoranthene-d10
 Concen: 0.366 ng
 RT: 19.138 min Scan# 1688
 Delta R.T. -0.000 min
 Lab File: BN015019.D
 Acq: 23 Jun 2021 21:18

Tgt Ion:	212	Resp:	115040
Ion Ratio	Lower	Upper	
212	100		
106	14.2	7.0	10.6#
104	7.7	4.1	6.1#

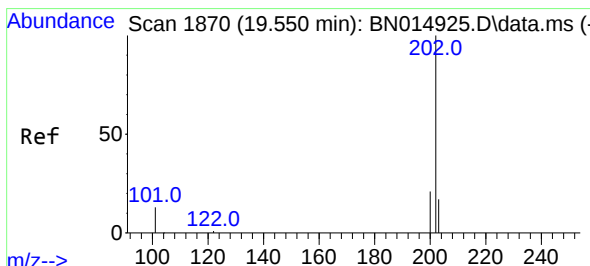
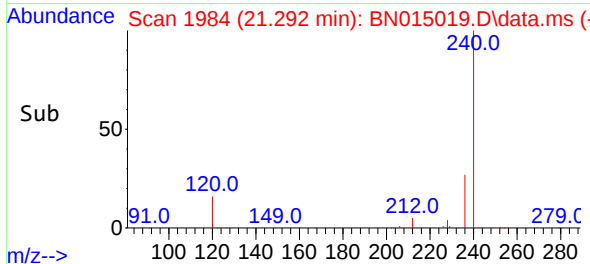
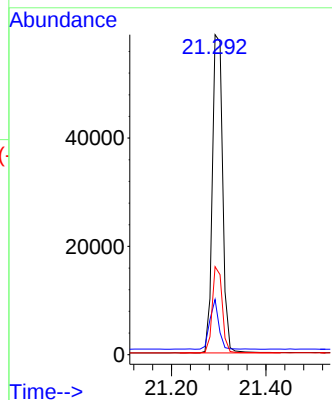
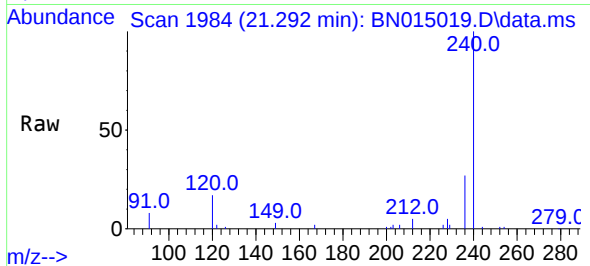




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

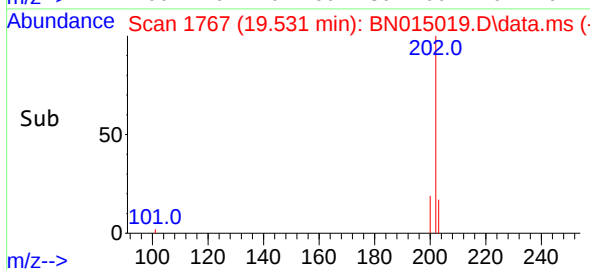
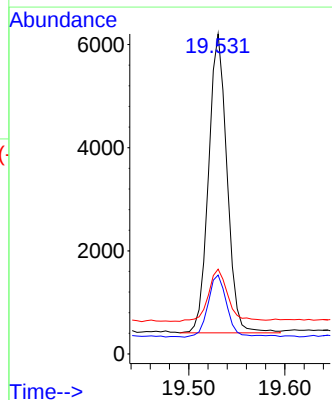
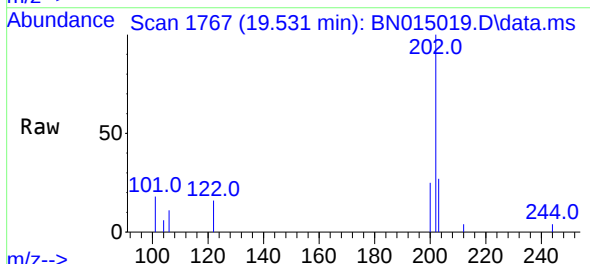
Instrument :
BNA_N
ClientSampleId :
MW-8D

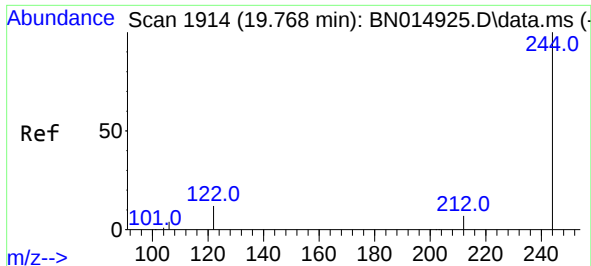
Tgt Ion:240 Resp: 89423
Ion Ratio Lower Upper
240 100
120 17.2 4.2 6.4#
236 27.5 21.4 32.2



#30
Pyrene
Concen: 0.022 ng
RT: 19.531 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:202 Resp: 7716
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 18.5 13.9 20.9

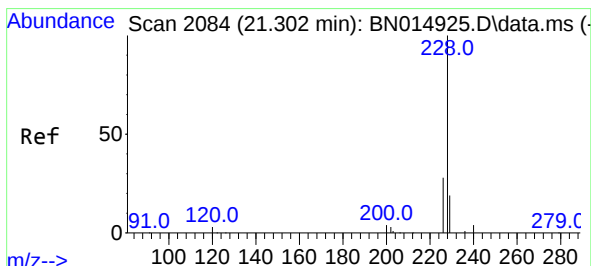
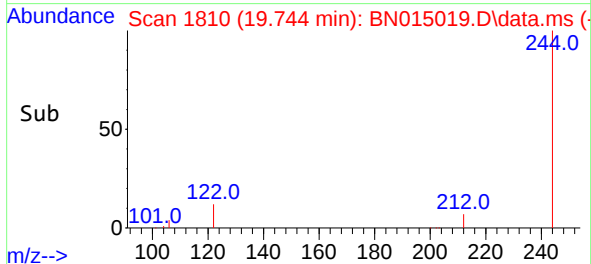
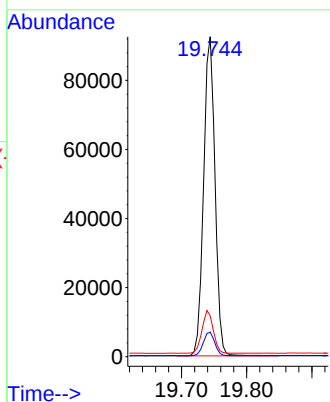
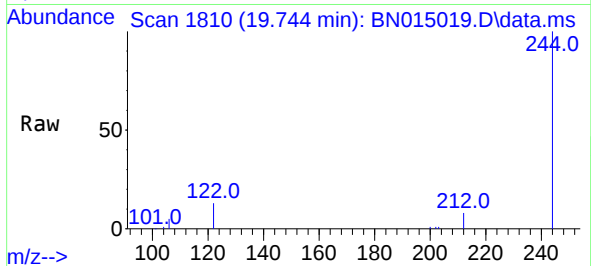




#31
Terphenyl-d14
Concen: 0.505 ng
RT: 19.744 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

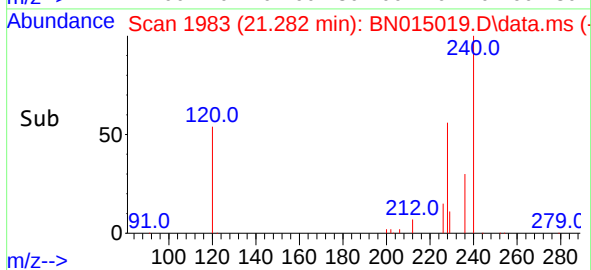
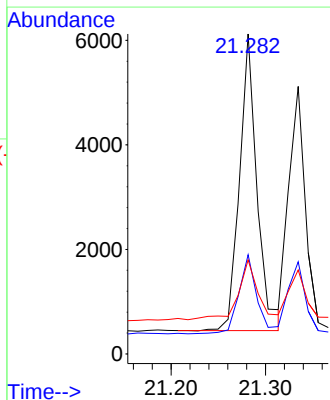
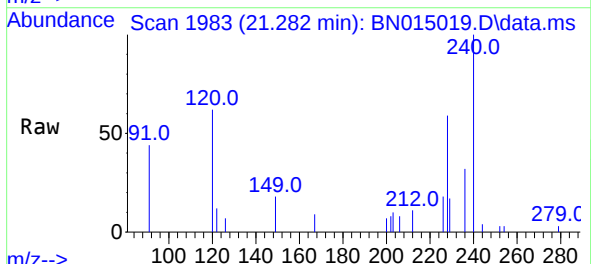
Instrument :
BNA_N
ClientSampleId :
MW-8D

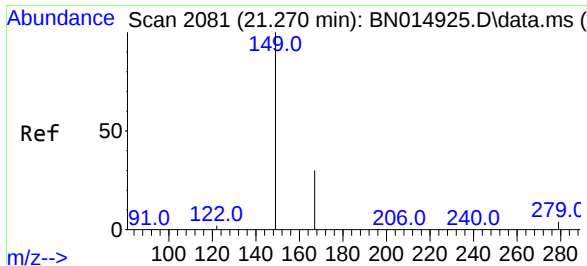
Tgt Ion:244 Resp: 111960
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 12.8 6.2 9.2#



#32
Benzo(a)anthracene
Concen: 0.022 ng
RT: 21.282 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:228 Resp: 7295
Ion Ratio Lower Upper
228 100
226 31.0 23.0 34.6
229 29.4 15.7 23.5#

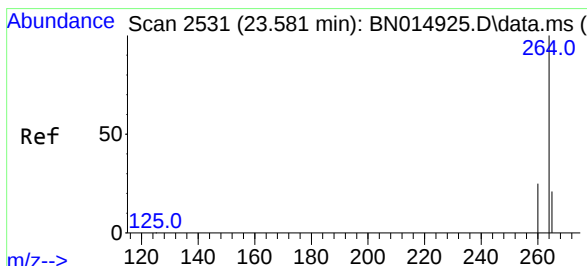
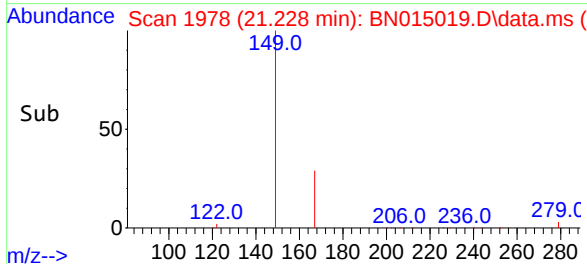
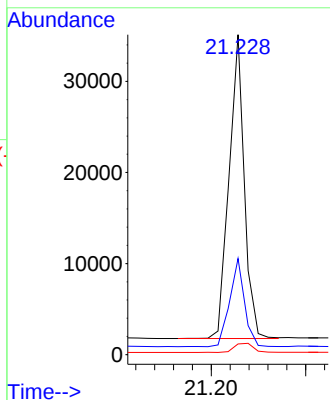
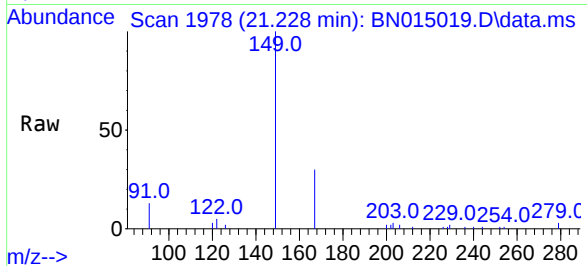




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.159 ng
 RT: 21.228 min Scan# 1978
 Delta R.T. -0.000 min
 Lab File: BN015019.D
 Acq: 23 Jun 2021 21:18

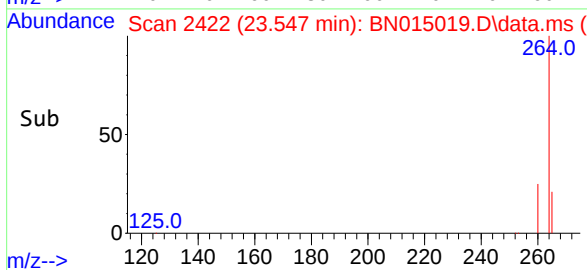
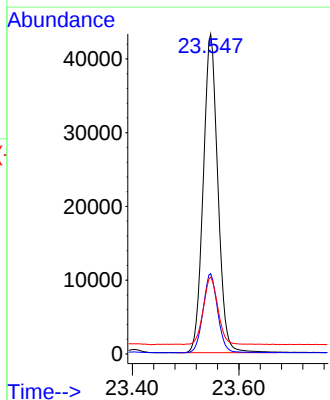
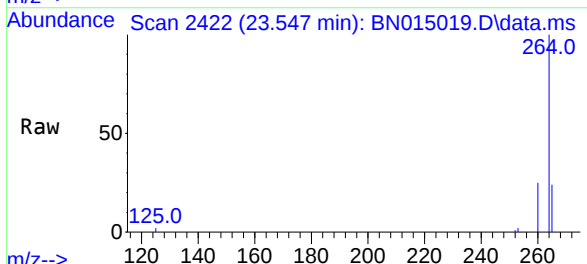
Instrument :
 BNA_N
 ClientSampleId :
 MW-8D

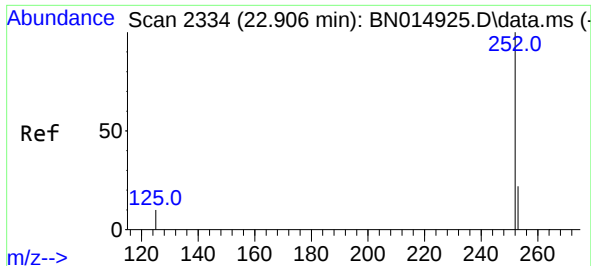
Tgt Ion:149 Resp: 37469
 Ion Ratio Lower Upper
 149 100
 167 28.2 28.9 43.3#
 279 3.9 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.547 min Scan# 2422
 Delta R.T. -0.007 min
 Lab File: BN015019.D
 Acq: 23 Jun 2021 21:18

Tgt Ion:264 Resp: 82250
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.6 31.0
 265 24.0 21.4 32.2

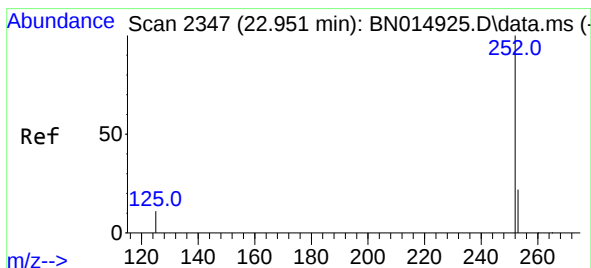
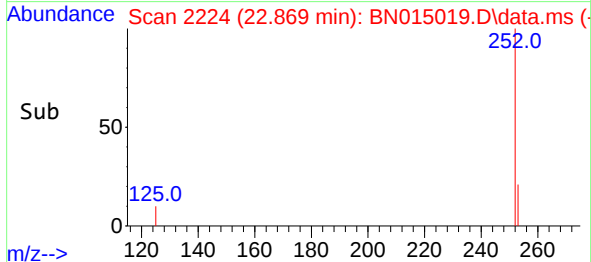
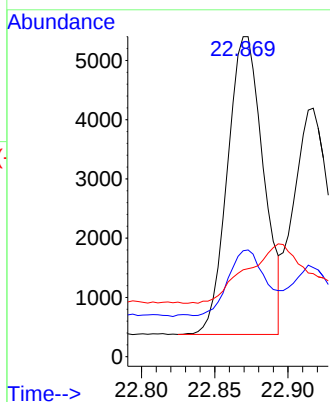
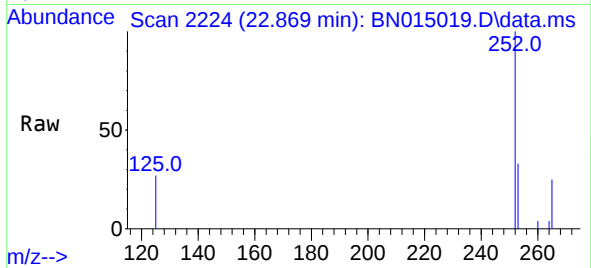




#37
Benzo(b)fluoranthene
Concen: 0.028 ng
RT: 22.869 min Scan# 2224
Delta R.T. -0.007 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

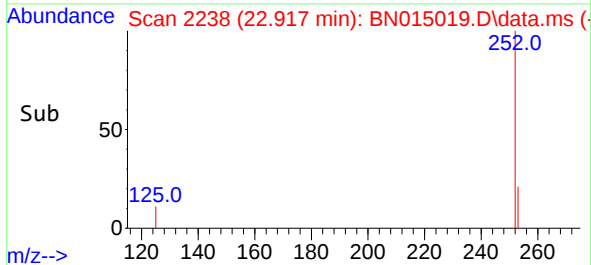
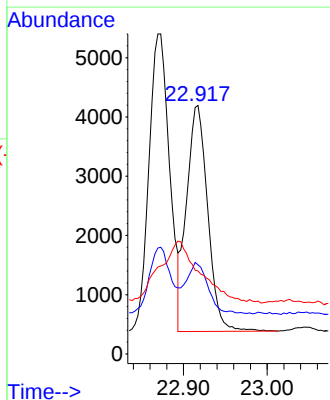
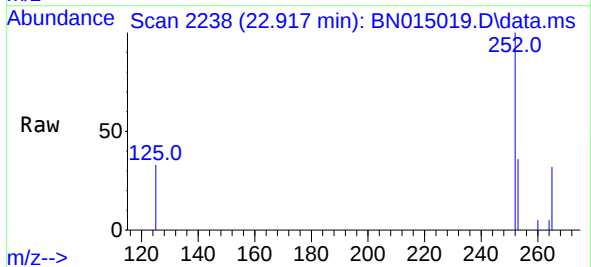
Instrument :
BNA_N
ClientSampleId :
MW-8D

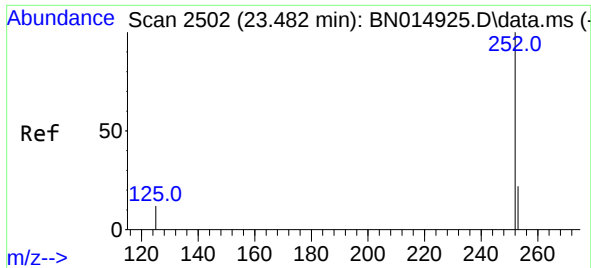
Tgt Ion:252 Resp: 8588
Ion Ratio Lower Upper
252 100
253 33.1 18.5 27.7#
125 27.2 5.8 8.6#



#38
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 22.917 min Scan# 2238
Delta R.T. -0.003 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Tgt Ion:252 Resp: 6723
Ion Ratio Lower Upper
252 100
253 35.8 19.1 28.7#
125 33.4 5.4 8.0#





#39
Benzo(a)pyrene
Concen: 0.022 ng
RT: 23.448 min Scan# 2393
Delta R.T. -0.007 min
Lab File: BN015019.D
Acq: 23 Jun 2021 21:18

Instrument :
BNA_N
ClientSampleId :
MW-8D

Tgt Ion:252 Resp: 5925
Ion Ratio Lower Upper
252 100
253 39.5 19.4 29.2#
125 37.7 7.4 11.2#

