

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
 Data File : BN019337.D
 Acq On : 05 Apr 2022 04:11
 Operator : CG/JU
 Sample : N2237-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A13145

Quant Time: Apr 05 05:59:13 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 04 17:40:00 2022
 Response via : Initial Calibration

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

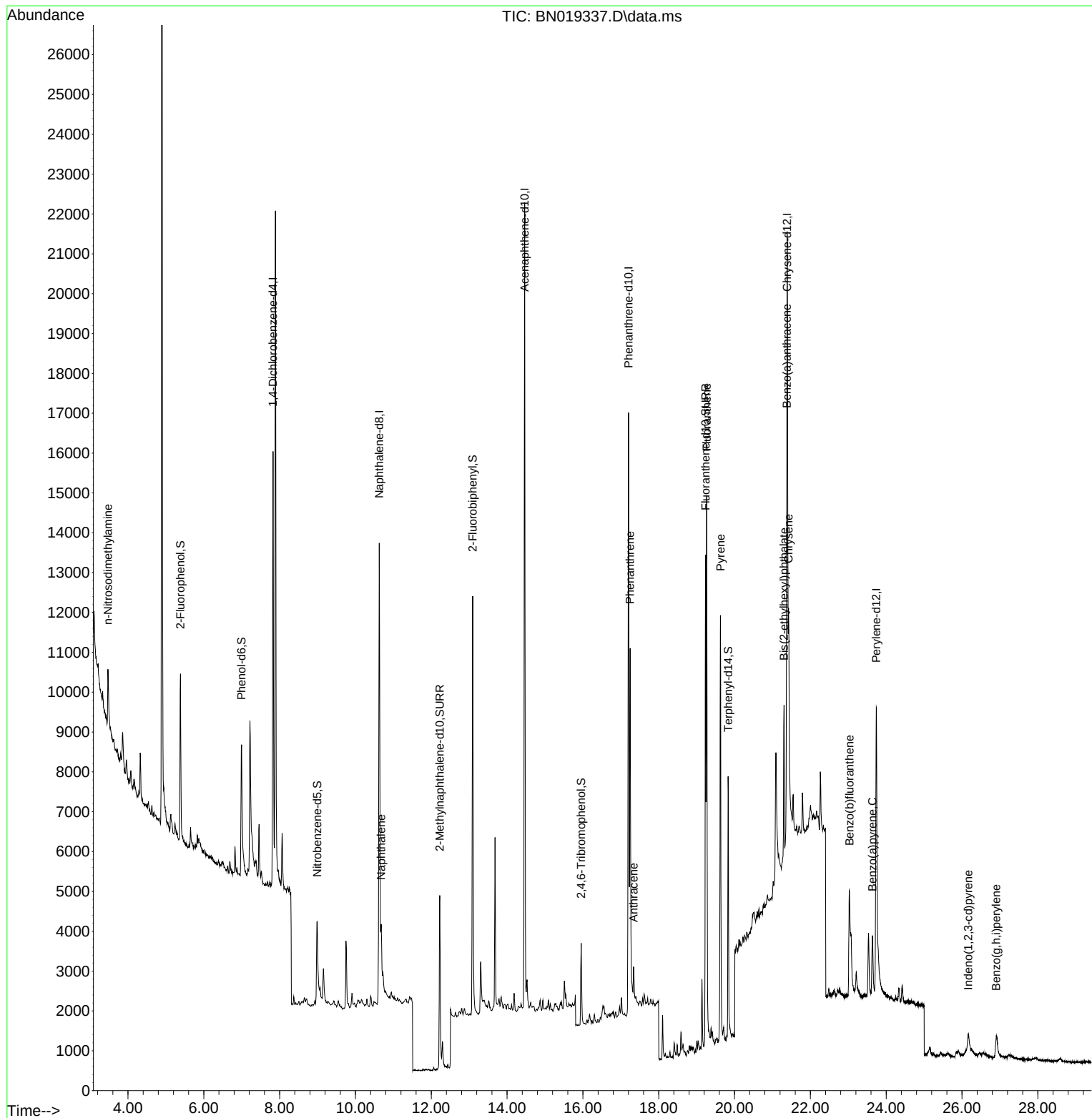
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	5683	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	17530	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	11461	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	22984	0.400	ng	# 0.00
29) Chrysene-d12	21.387	240	16926	0.400	ng	# 0.00
35) Perylene-d12	23.738	264	12841	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	3485	0.229	ng	0.00
5) Phenol-d6	6.995	99	3896	0.213	ng	0.00
8) Nitrobenzene-d5	8.993	82	2935	0.184	ng	0.01
11) 2-Methylnaphthalene-d10	12.223	152	7276	0.236	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	1301	0.187	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	10187	0.214	ng	0.00
27) Fluoranthene-d10	19.236	212	14396	0.194	ng	0.00
31) Terphenyl-d14	19.830	244	8298	0.226	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.471	42	338	0.038	ng	# 1
9) Naphthalene	10.680	128	2875	0.056	ng	# 86
25) Phenanthrene	17.246	178	9962	0.129	ng	# 99
26) Anthracene	17.338	178	1398	0.021	ng	# 90
28) Fluoranthene	19.265	202	12575	0.137	ng	# 97
30) Pyrene	19.628	202	10402	0.132	ng	# 94
32) Benzo(a)anthracene	21.378	228	4458	0.071	ng	# 84
33) Chrysene	21.422	228	5163	0.074	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.306	149	3872	0.083	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.164	276	1192	0.022	ng	# 75
37) Benzo(b)fluoranthene	23.030	252	7193	0.143	ng	# 31
39) Benzo(a)pyrene	23.636	252	2268	0.050	ng	# 1
41) Benzo(g,h,i)perylene	26.904	276	1612	0.032	ng	# 60

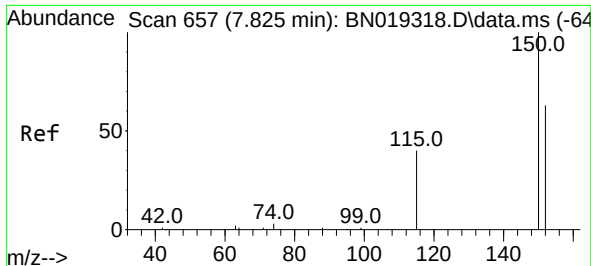
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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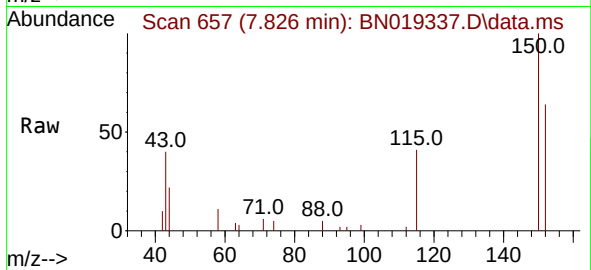
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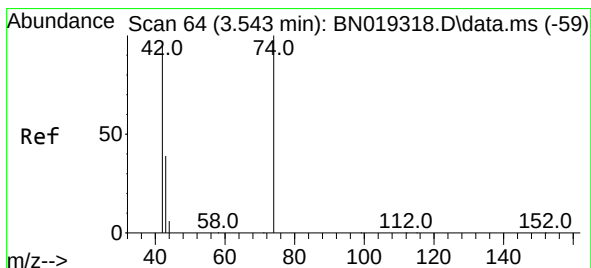
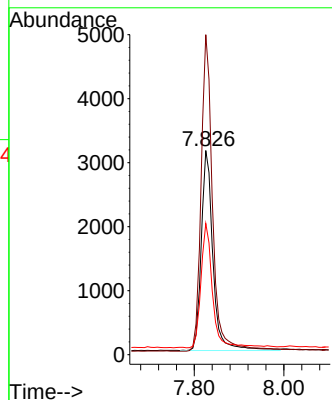
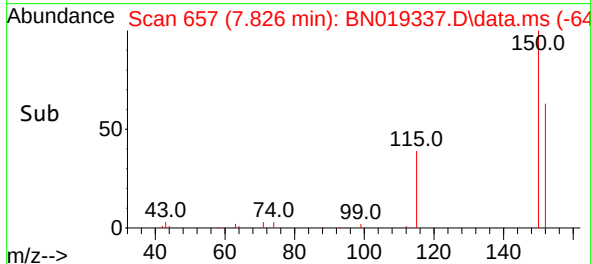


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.826 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

Instrument :
BNA_N
ClientSampleId :
A13145

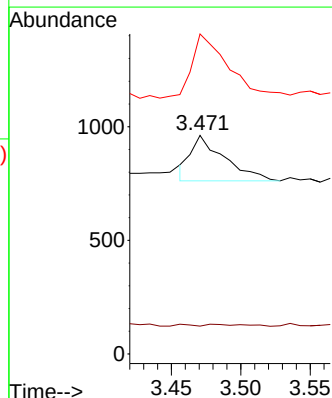
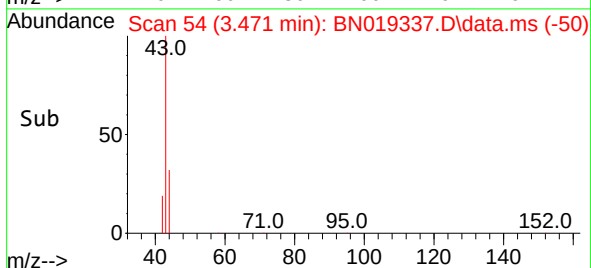
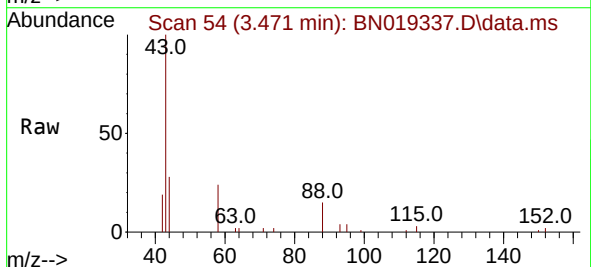


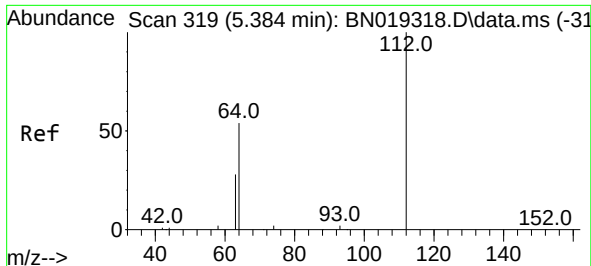
Tgt Ion:152 Resp: 5683
Ion Ratio Lower Upper
152 100
150 156.8 123.9 185.9
115 64.3 48.2 72.4



#3
n-Nitrosodimethylamine
Concen: 0.038 ng
RT: 3.471 min Scan# 54
Delta R.T. -0.072 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

Tgt Ion: 42 Resp: 338
Ion Ratio Lower Upper
42 100
74 2.4 96.9 145.3#
44 133.7 7.3 10.9#

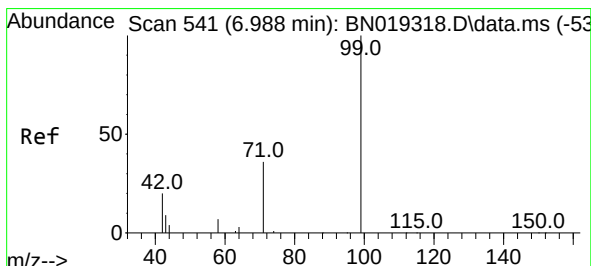
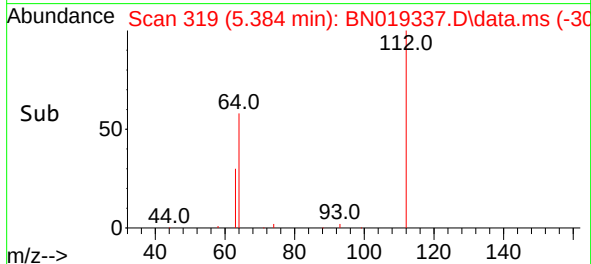
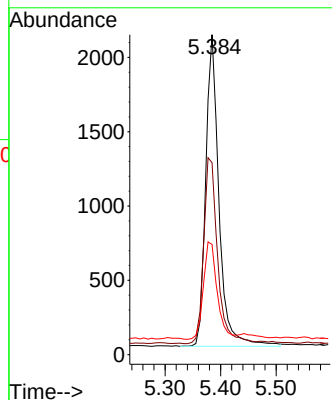
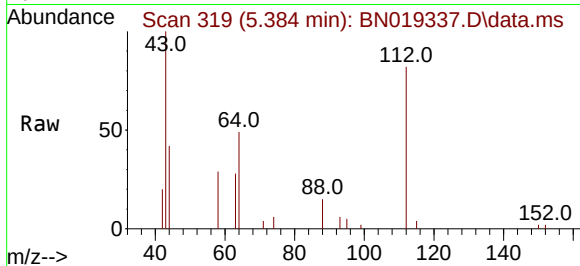




#4
2-Fluorophenol
Concen: 0.229 ng
RT: 5.384 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

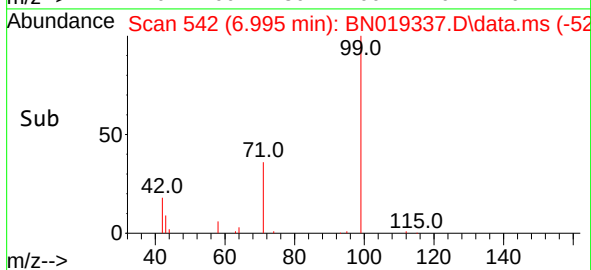
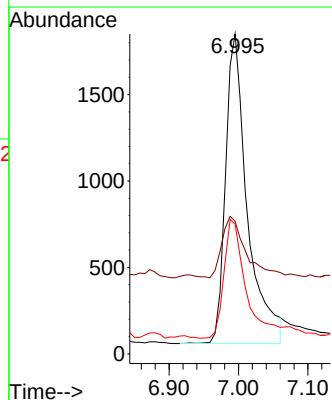
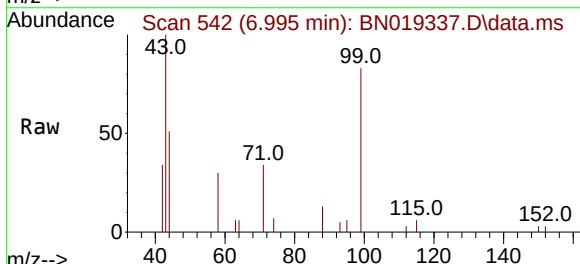
Instrument :
BNA_N
ClientSampleId :
A13145

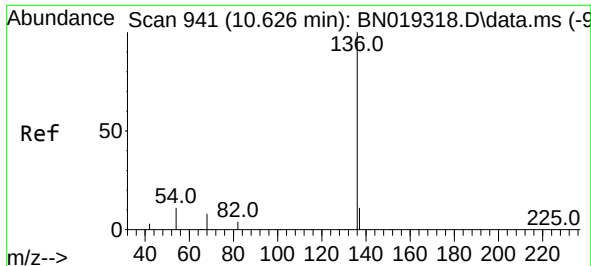
Tgt Ion: 112 Resp: 3485
Ion Ratio Lower Upper
112 100
64 62.7 47.8 71.8
63 32.5 25.7 38.5



#5
Phenol-d6
Concen: 0.213 ng
RT: 6.995 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

Tgt Ion: 99 Resp: 3896
Ion Ratio Lower Upper
99 100
42 20.8 16.2 24.4
71 38.8 27.7 41.5

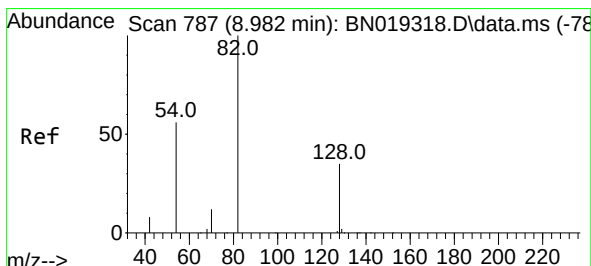
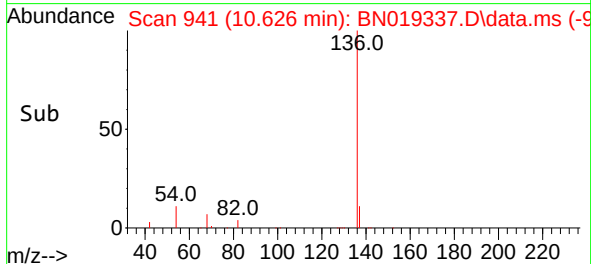
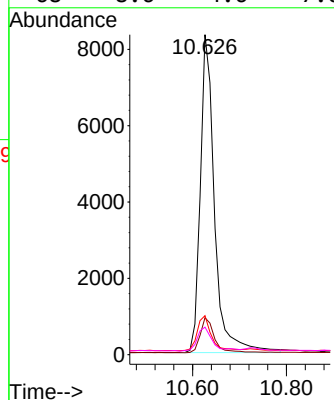
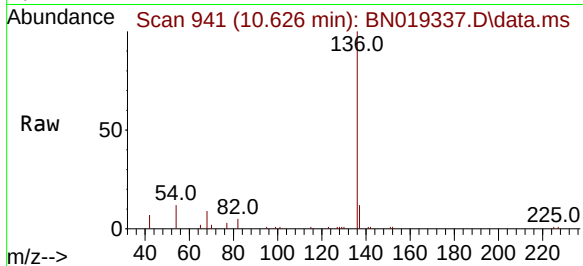




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

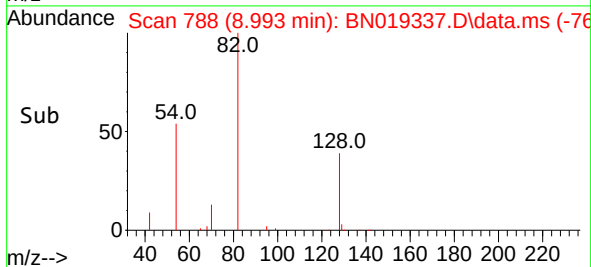
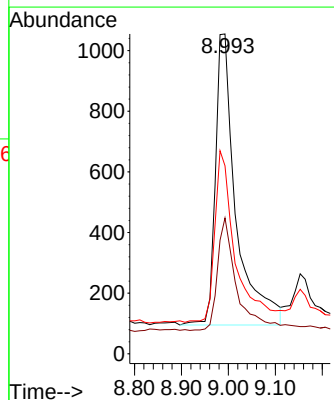
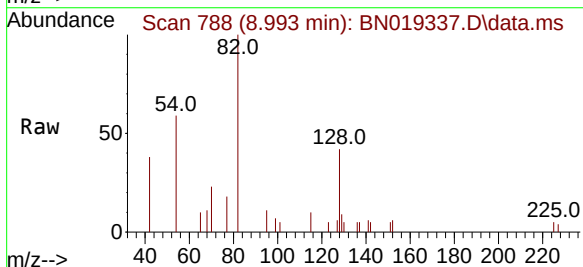
Instrument :
BNA_N
ClientSampleId :
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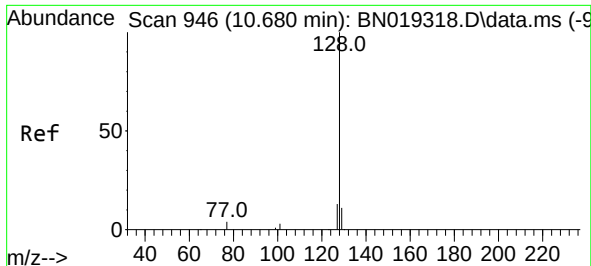
Tgt Ion:	136	Resp:	17530
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	12.2	5.8	8.6#
68	8.6	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.184 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.011 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

Tgt Ion:	82	Resp:	2935
Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.0	49.6
54	58.8	42.5	63.7

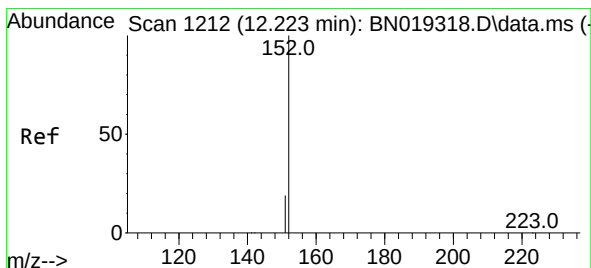
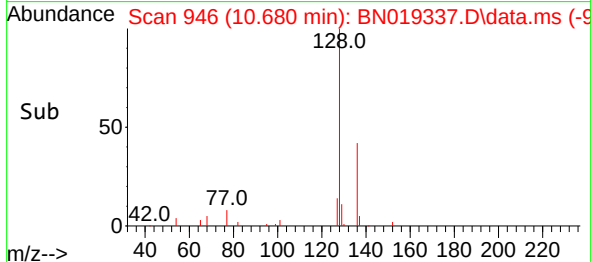
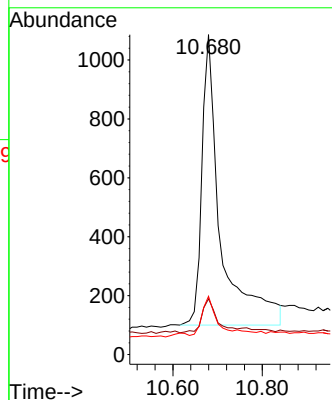
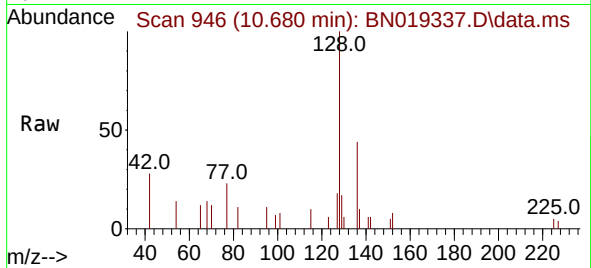




#9
Naphthalene
Concen: 0.056 ng
RT: 10.680 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

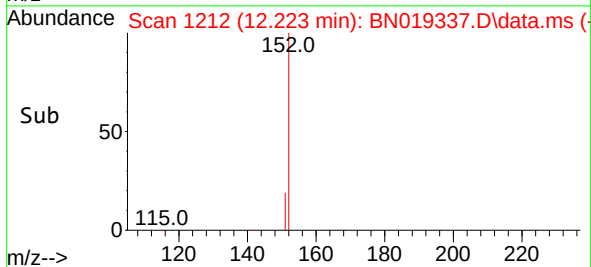
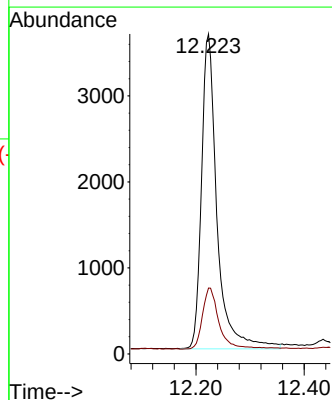
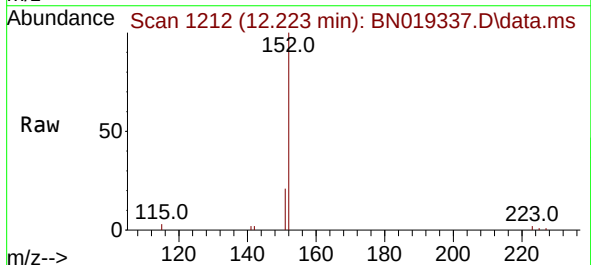
Instrument :
BNA_N
ClientSampleId :
A13145

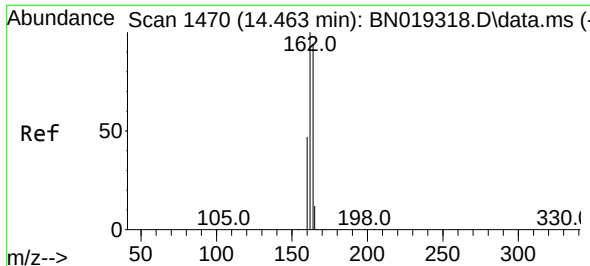
Tgt Ion:128 Resp: 2875
Ion Ratio Lower Upper
128 100
129 17.4 9.0 13.4#
127 18.2 10.7 16.1#



#11
2-Methylnaphthalene-d10
Concen: 0.236 ng
RT: 12.223 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

Tgt Ion:152 Resp: 7276
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7

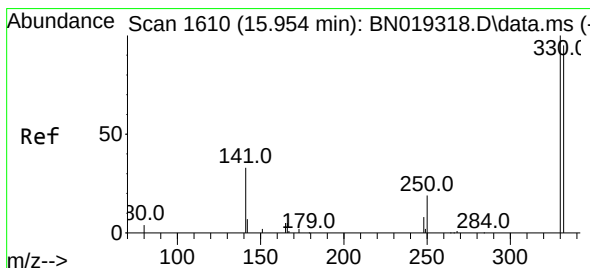
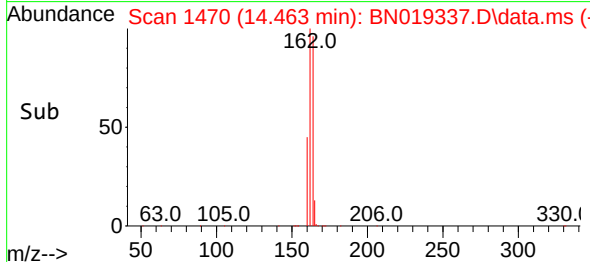
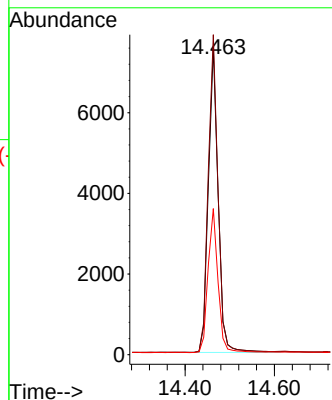
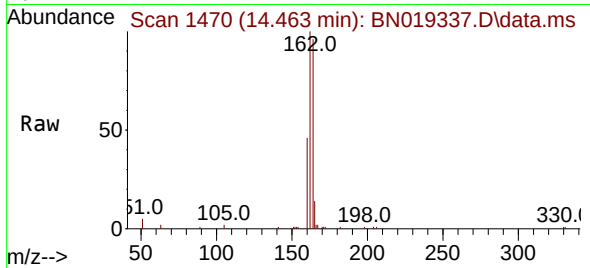




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

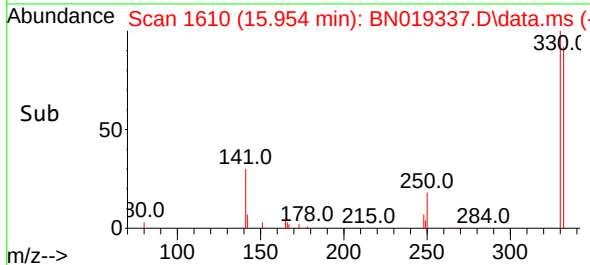
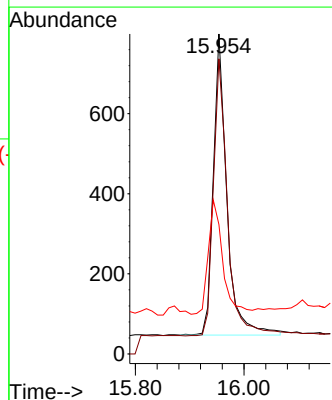
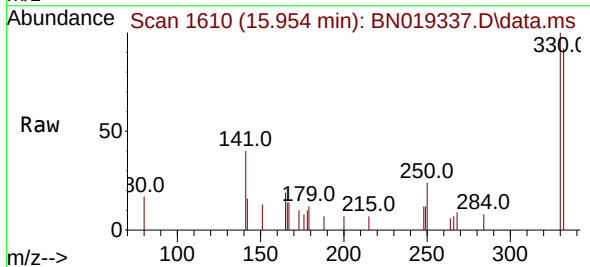
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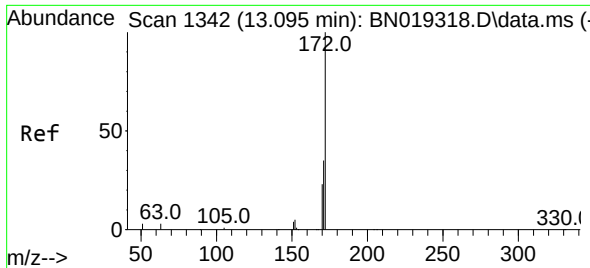
Tgt Ion:164 Resp: 11461
Ion Ratio Lower Upper
164 100
162 104.2 85.2 127.8
160 47.6 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.187 ng
RT: 15.954 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

Tgt Ion:330 Resp: 1301
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 40.5 32.2 48.2

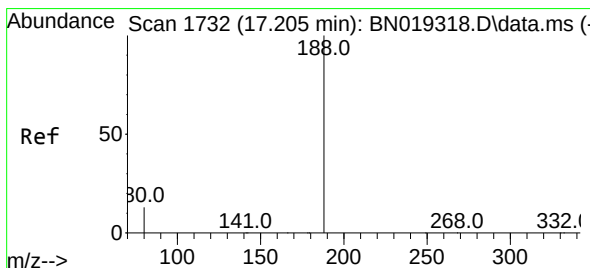
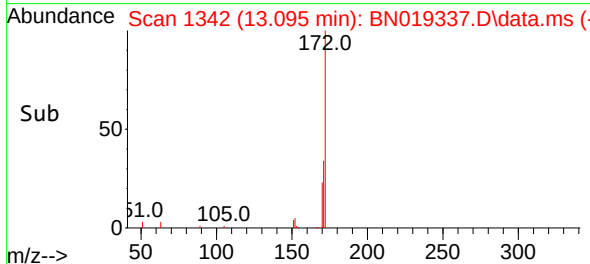
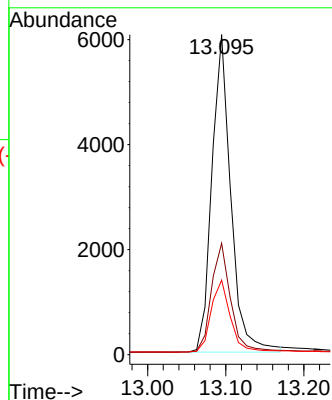
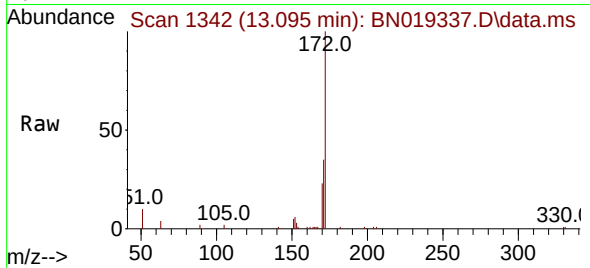




#15
2-Fluorobiphenyl
Concen: 0.214 ng
RT: 13.095 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

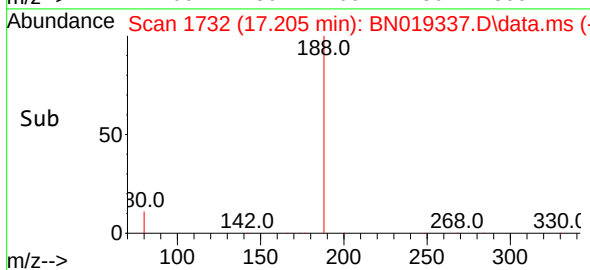
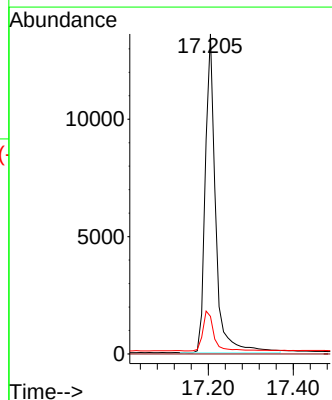
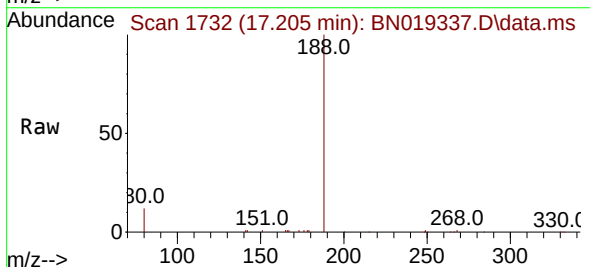
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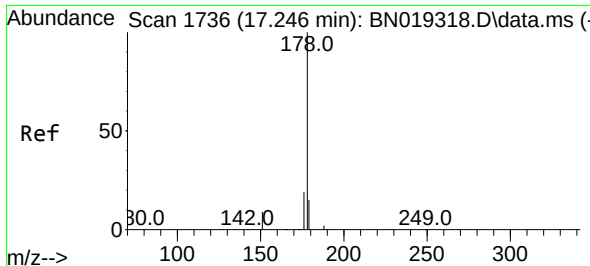
Tgt Ion:	172	Resp:	10187
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	23.3	18.7	28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

Tgt Ion:	188	Resp:	22984
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	11.8	17.8#

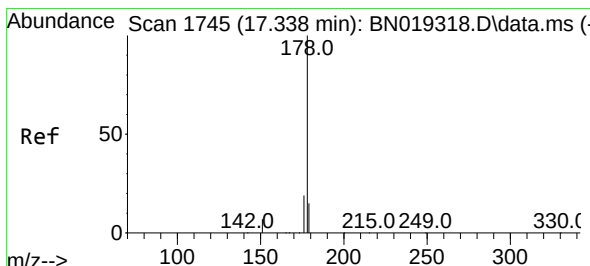
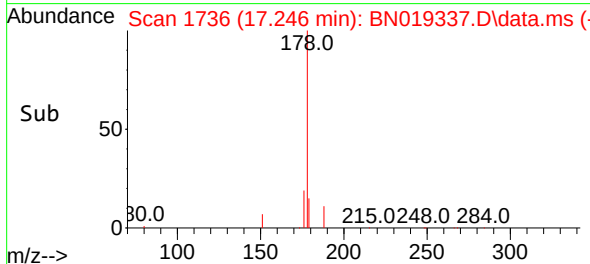
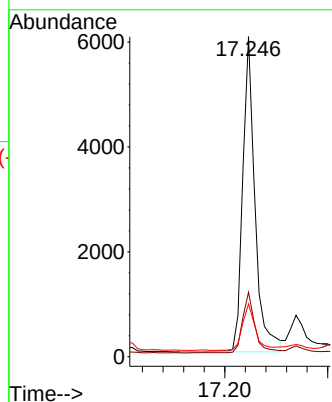
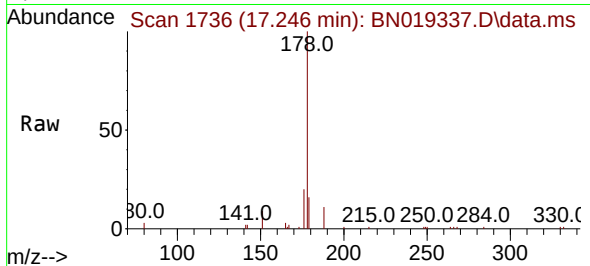




#25
Phenanthrene
Concen: 0.129 ng
RT: 17.246 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

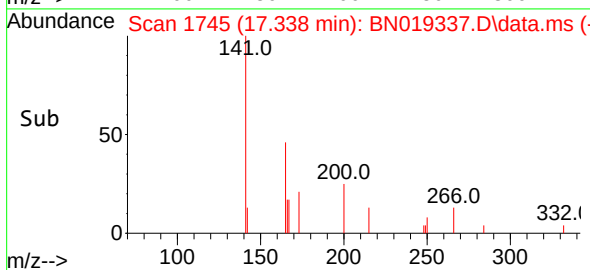
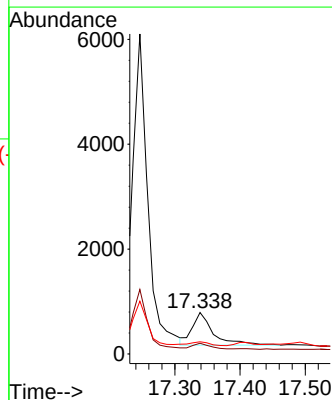
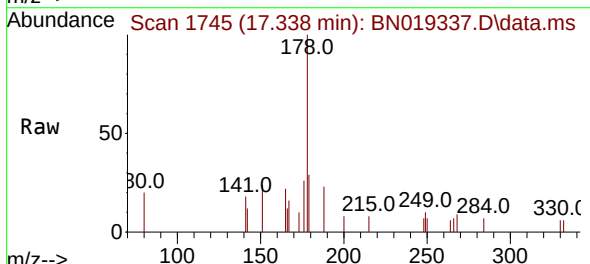
Instrument :
BNA_N
ClientSampleId :
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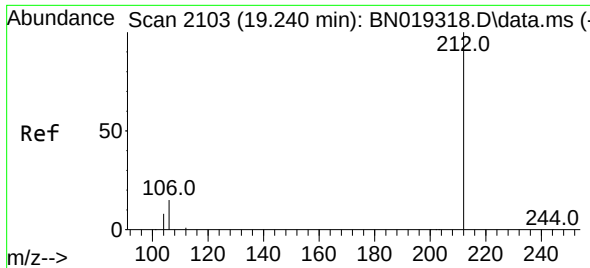
Tgt Ion:178 Resp: 9962
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.7 12.2 18.2



#26
Anthracene
Concen: 0.021 ng
RT: 17.338 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

Tgt Ion:178 Resp: 1398
Ion Ratio Lower Upper
178 100
176 13.7 14.8 22.2#
179 11.7 12.2 18.4#

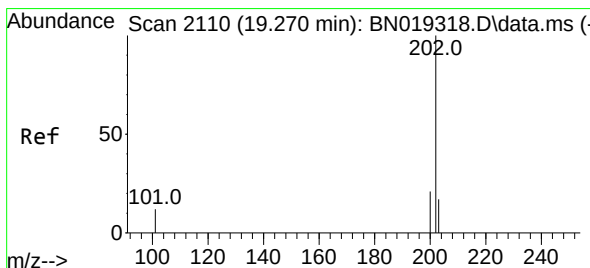
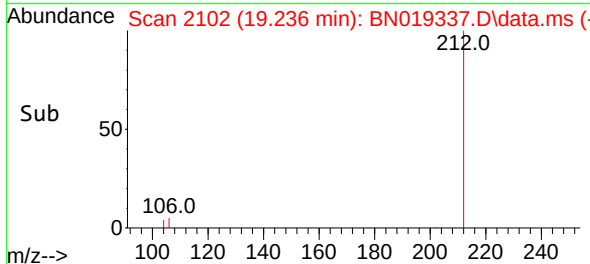
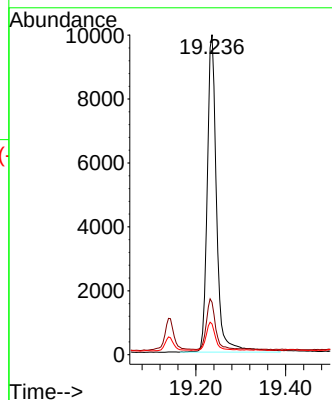
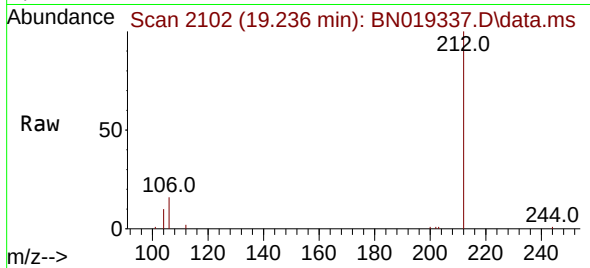




#27
Fluoranthene-d10
Concen: 0.194 ng
RT: 19.236 min Scan# 2102
Delta R.T. -0.004 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

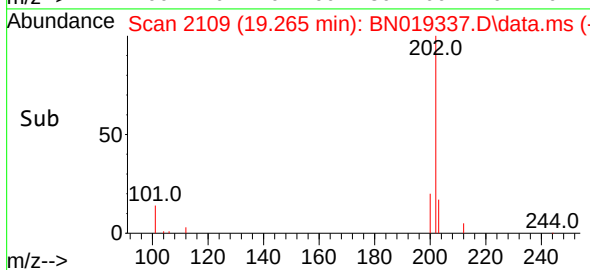
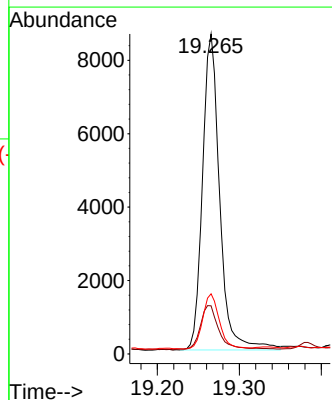
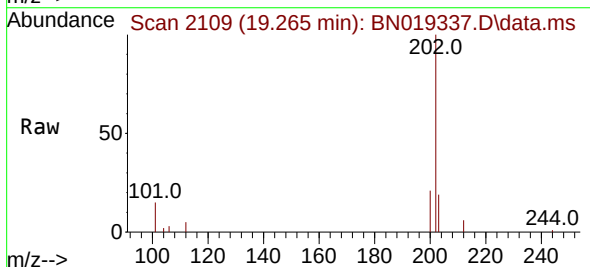
Instrument :
BNA_N
ClientSampleId :
A13145

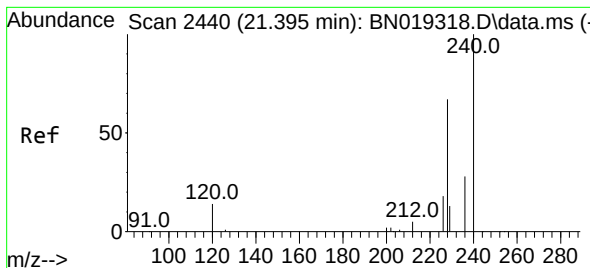
Tgt Ion:212 Resp: 14396
Ion Ratio Lower Upper
212 100
106 15.3 12.7 19.1
104 8.8 7.1 10.7



#28
Fluoranthene
Concen: 0.137 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

Tgt Ion:202 Resp: 12575
Ion Ratio Lower Upper
202 100
101 15.0 9.8 14.6#
203 16.8 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.387 min Scan# 2439

Delta R.T. -0.009 min

Lab File: BN019337.D

Acq: 05 Apr 2022 04:11

Instrument :

BNA_N

ClientSampleId :

A13145

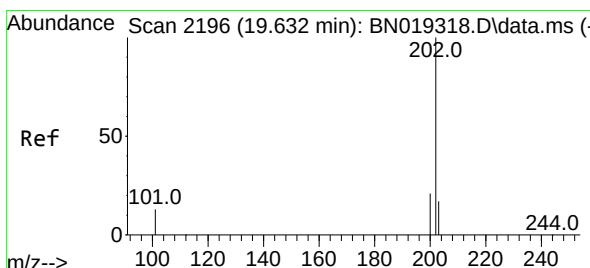
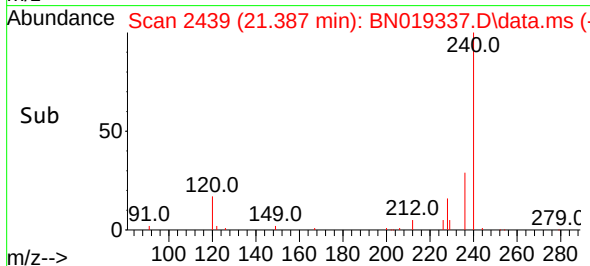
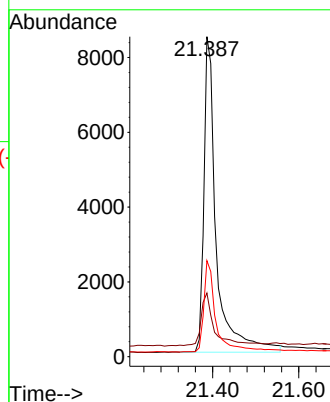
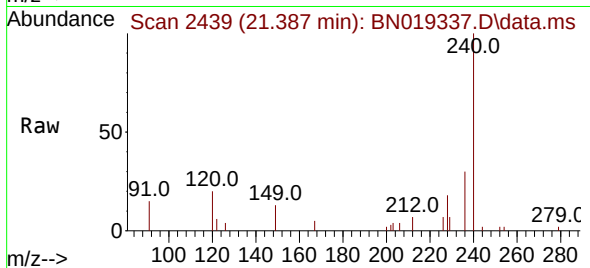
Tgt Ion:240 Resp: 16926

Ion Ratio Lower Upper

240 100

120 19.9 8.5 12.7#

236 30.0 22.4 33.6



#30

Pyrene

Concen: 0.132 ng

RT: 19.628 min Scan# 2195

Delta R.T. -0.004 min

Lab File: BN019337.D

Acq: 05 Apr 2022 04:11

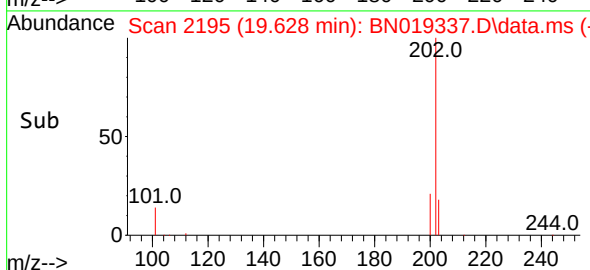
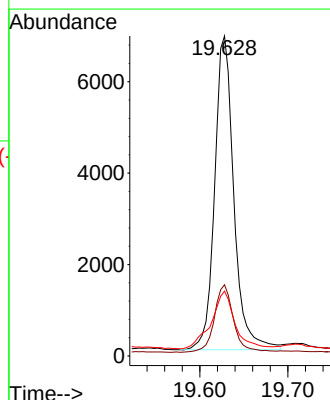
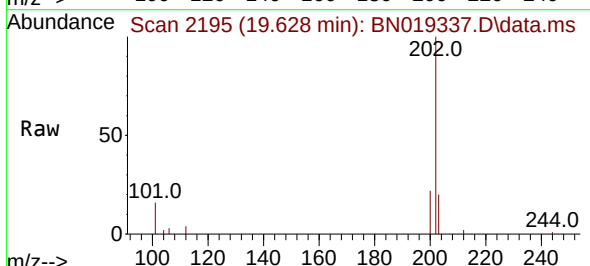
Tgt Ion:202 Resp: 10402

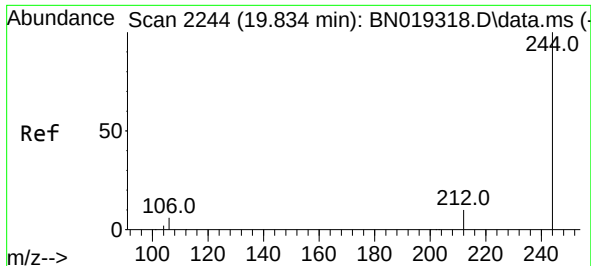
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 22.6 14.2 21.2#

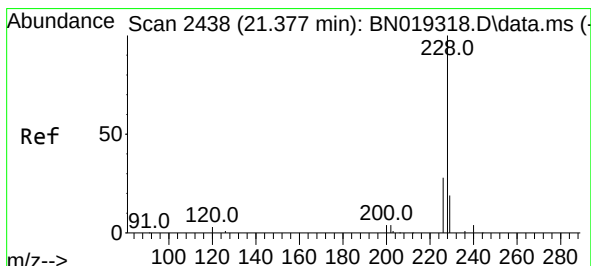
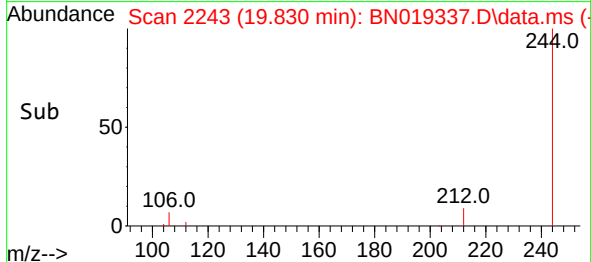
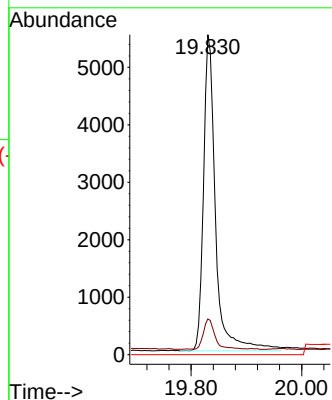
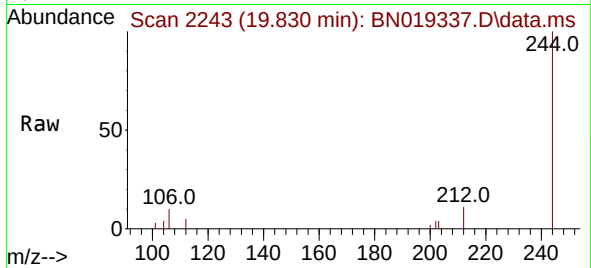




#31
Terphenyl-d14
Concen: 0.226 ng
RT: 19.830 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

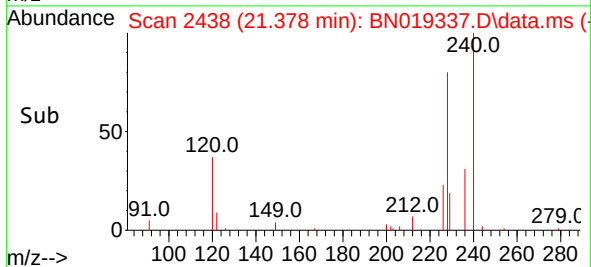
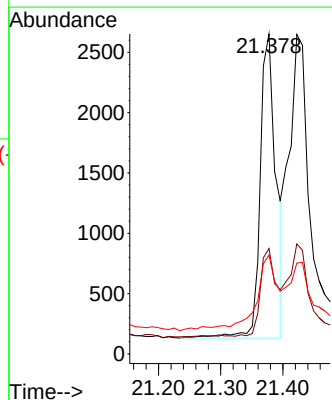
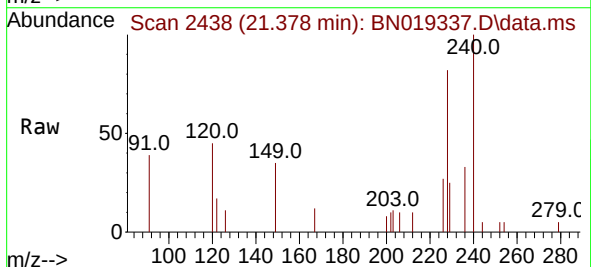
Instrument :
BNA_N
ClientSampleId :
A13145

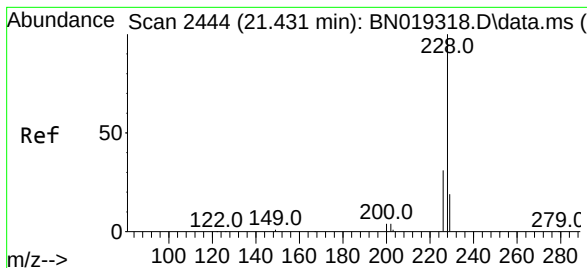
Tgt Ion:244 Resp: 8298
Ion Ratio Lower Upper
244 100
212 11.2 8.2 12.4
122 0.0 0.0 0.0



#32
Benzo(a)anthracene
Concen: 0.071 ng
RT: 21.378 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

Tgt Ion:228 Resp: 4458
Ion Ratio Lower Upper
228 100
226 33.0 21.9 32.9#
229 30.9 16.0 24.0#





#33

Chrysene

Concen: 0.074 ng

RT: 21.422 min Scan# 2444

Delta R.T. -0.009 min

Lab File: BN019337.D

Acq: 05 Apr 2022 04:11

Instrument :

BNA_N

ClientSampleId :

A13145

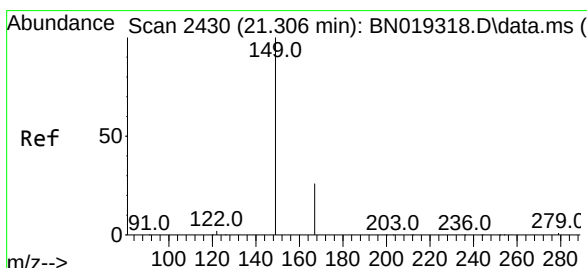
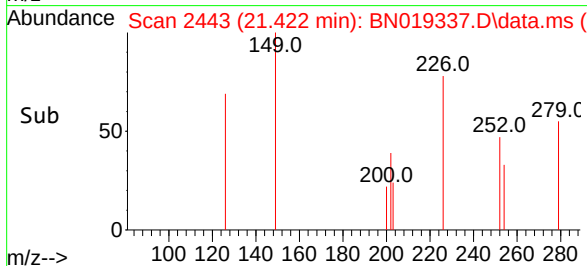
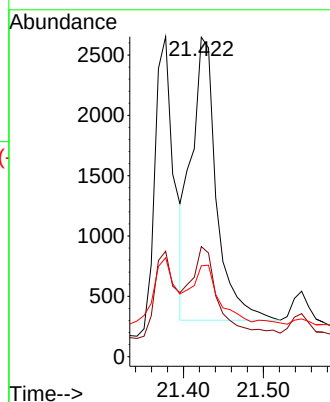
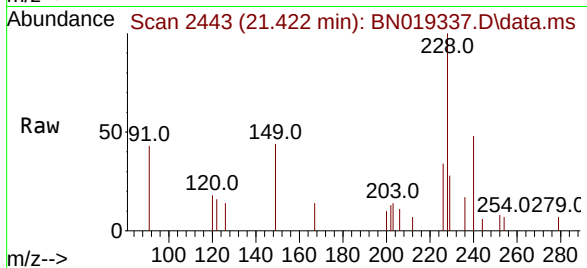
Tgt Ion:228 Resp: 5163

Ion Ratio Lower Upper

228 100

226 34.4 24.0 36.0

229 28.4 15.9 23.9#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.083 ng

RT: 21.306 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BN019337.D

Acq: 05 Apr 2022 04:11

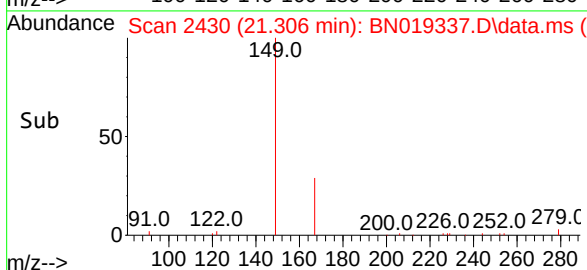
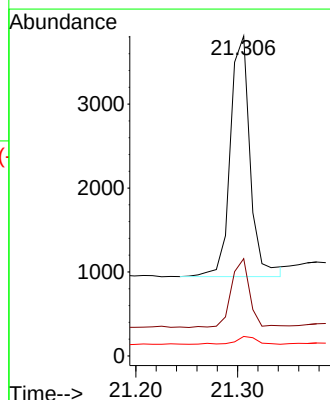
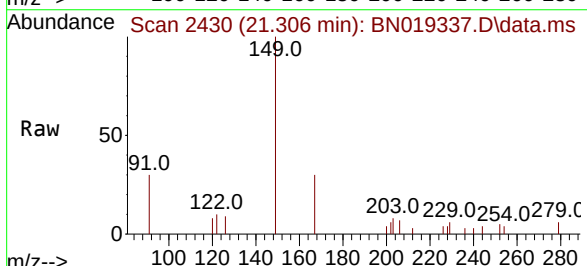
Tgt Ion:149 Resp: 3872

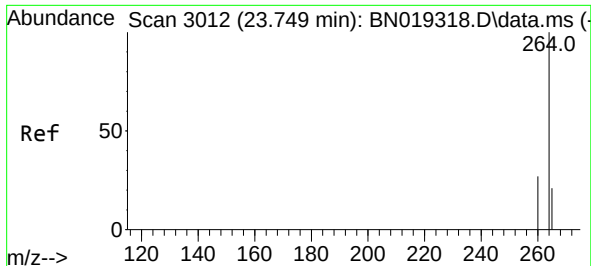
Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

279 3.5 2.0 3.0#

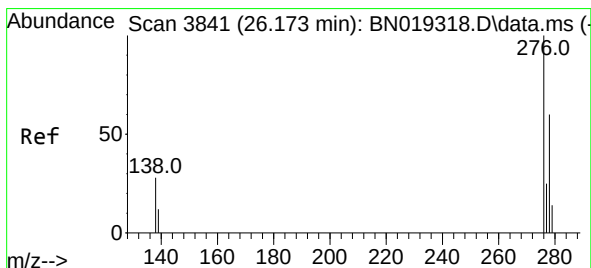
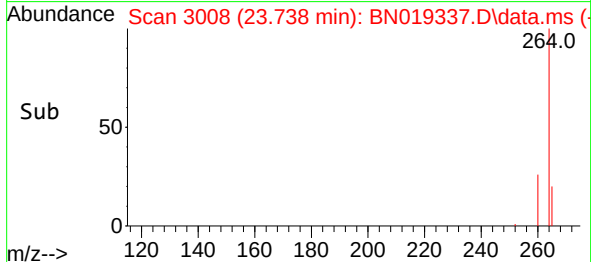
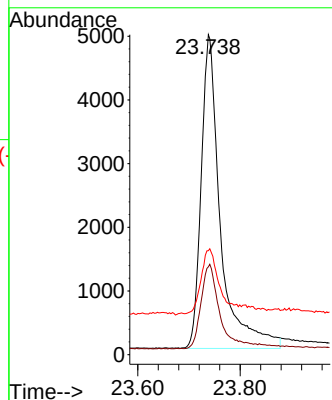
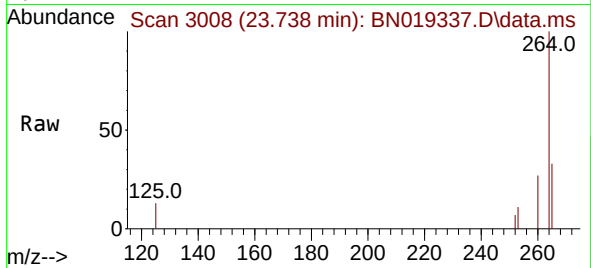




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.738 min Scan# 3012
 Delta R.T. -0.012 min
 Lab File: BN019337.D
 Acq: 05 Apr 2022 04:11

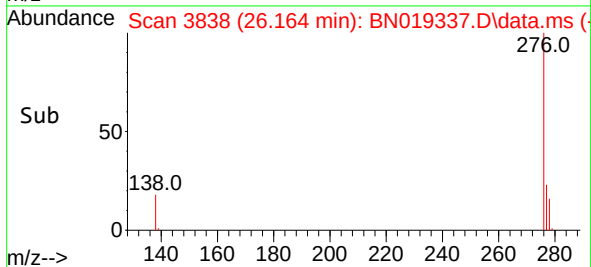
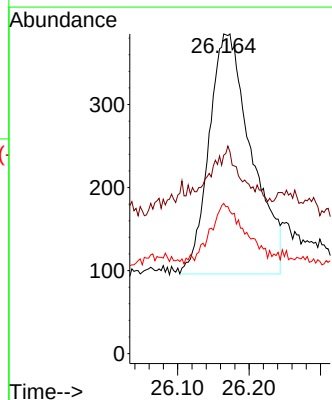
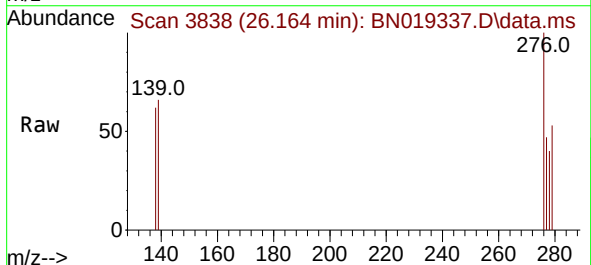
Instrument :
 BNA_N
 ClientSampleId :
 A13145

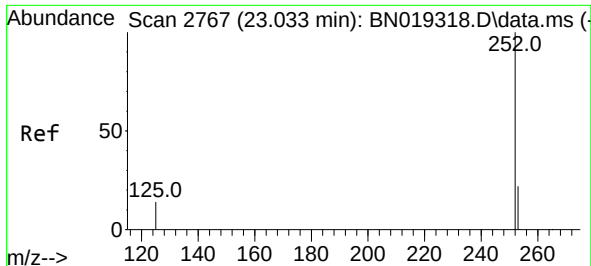
Tgt Ion:	264	Resp:	12841
Ion Ratio	Lower	Upper	
264	100		
260	27.4	22.4	33.6
265	32.5	25.3	37.9



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.022 ng
 RT: 26.164 min Scan# 3838
 Delta R.T. -0.009 min
 Lab File: BN019337.D
 Acq: 05 Apr 2022 04:11

Tgt Ion:	276	Resp:	1192
Ion Ratio	Lower	Upper	
276	100		
138	11.4	24.5	36.7#
277	19.0	19.8	29.8#





#37

Benzo(b)fluoranthene

Concen: 0.143 ng

RT: 23.030 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN019337.D

Acq: 05 Apr 2022 04:11

Instrument :

BNA_N

ClientSampleId :

A13145

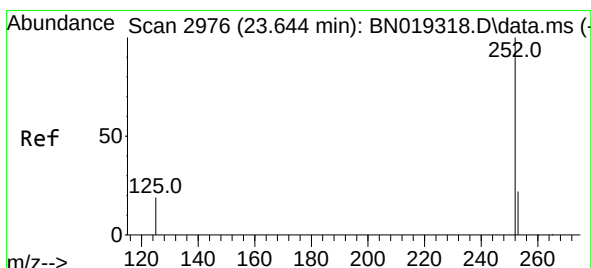
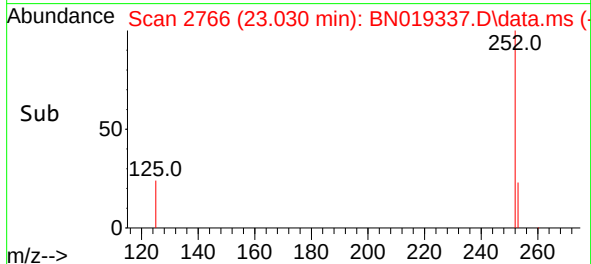
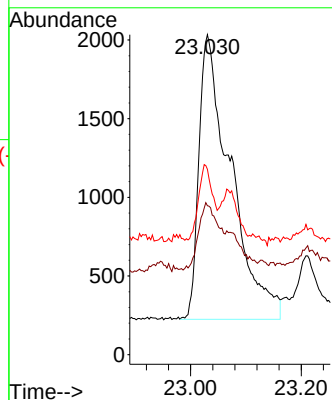
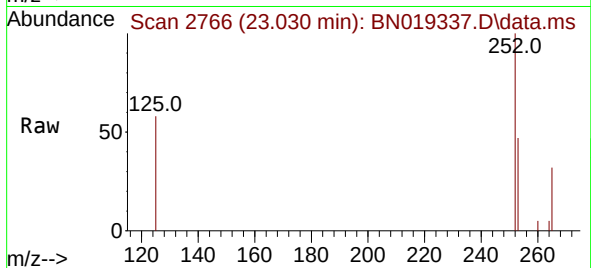
Tgt Ion:252 Resp: 7193

Ion Ratio Lower Upper

252 100

253 46.6 18.9 28.3#

125 58.0 12.1 18.1#



#39

Benzo(a)pyrene

Concen: 0.050 ng

RT: 23.636 min Scan# 2973

Delta R.T. -0.009 min

Lab File: BN019337.D

Acq: 05 Apr 2022 04:11

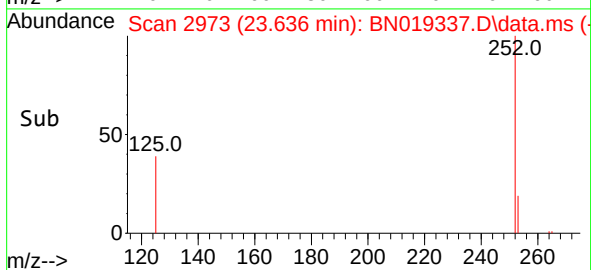
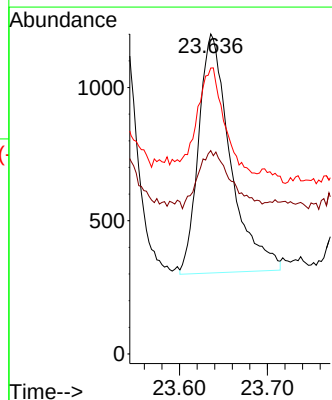
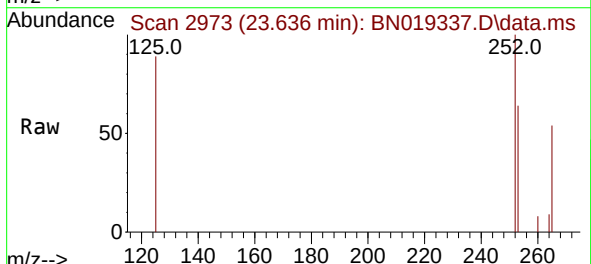
Tgt Ion:252 Resp: 2268

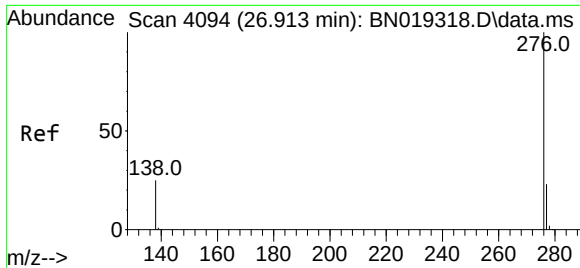
Ion Ratio Lower Upper

252 100

253 63.5 20.1 30.1#

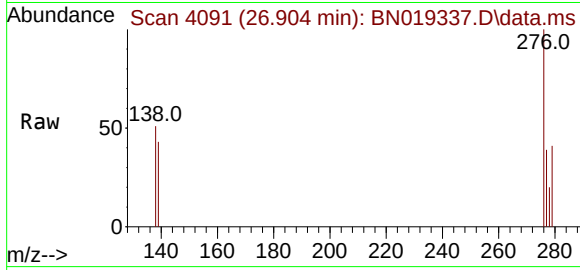
125 89.3 15.2 22.8#





#41
Benzo(g,h,i)perylene
Concen: 0.032 ng
RT: 26.904 min Scan# 4091
Delta R.T. -0.009 min
Lab File: BN019337.D
Acq: 05 Apr 2022 04:11

Instrument :
BNA_N
ClientSampleId :
A13145



Tgt Ion: 276 Resp: 1612
Ion Ratio Lower Upper
276 100
277 39.2 19.4 29.0#
138 51.3 21.0 31.6#

