

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
 Data File : BN016837.D
 Acq On : 08 Oct 2021 10:32
 Operator : CG/JU
 Sample : M4020-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-820-N-SO-2-2.5-093021

Quant Time: Oct 08 12:19:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 01:39:08 2021
 Response via : Initial Calibration

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

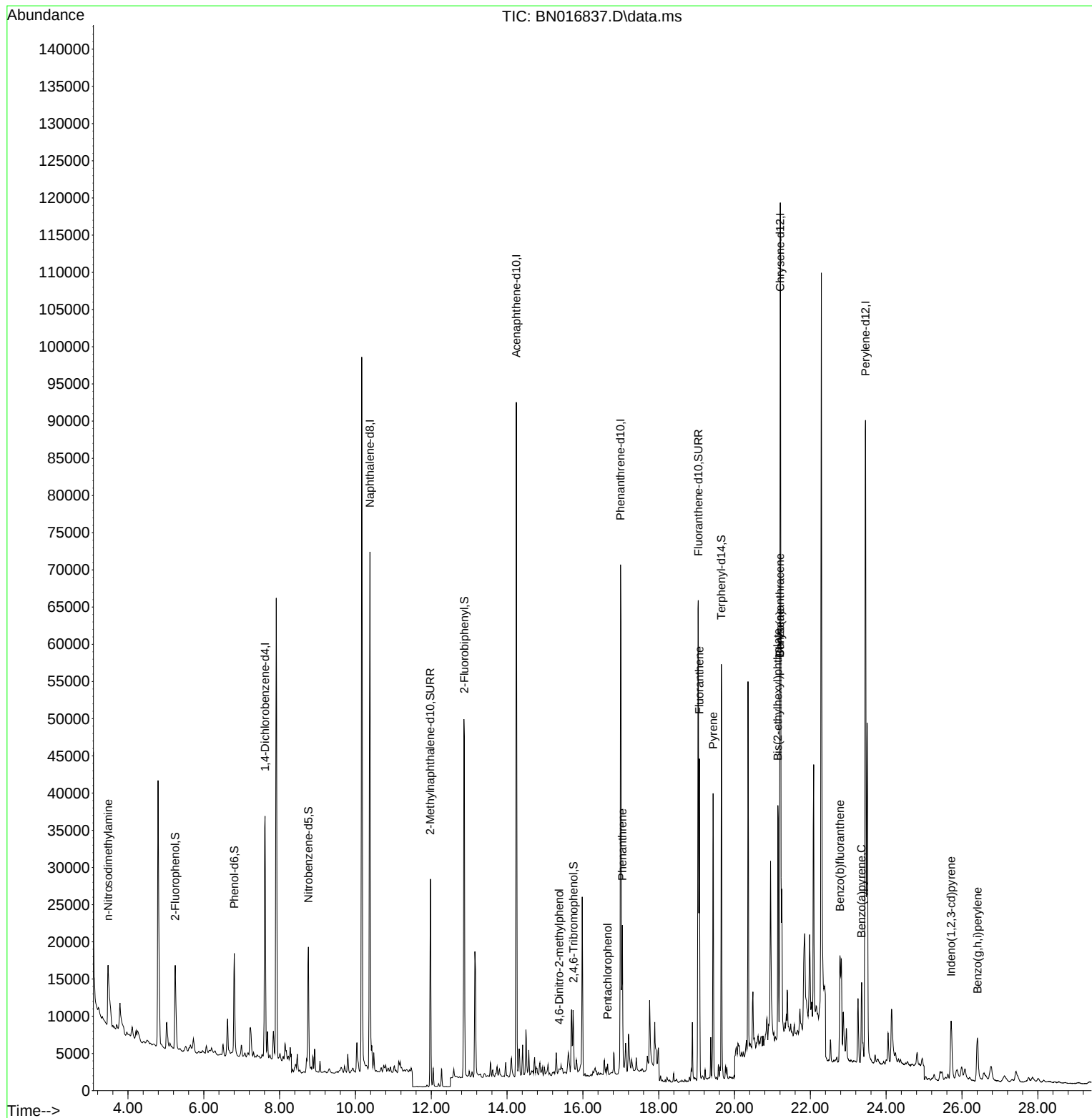
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	20206	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	92310	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	50208	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	101031	0.400	ng	#-0.01
29) Chrysene-d12	21.206	240	105010	0.400	ng	#-0.01
35) Perylene-d12	23.454	264	113928	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	14462	0.287	ng	0.02
5) Phenol-d6	6.803	99	15163	0.264	ng	0.00
8) Nitrobenzene-d5	8.759	82	16053	0.248	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	37378	0.272	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	6343	0.244	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	47348	0.234	ng	0.00
27) Fluoranthene-d10	19.043	212	72915	0.260	ng	0.00
31) Terphenyl-d14	19.654	244	54989	0.240	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.475	42	2806	0.177	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.373	198	7	0.208	ng	# 1
24) Pentachlorophenol	16.653	266	114	0.107	ng	91
25) Phenanthrene	17.042	178	21019	0.070	ng	97
28) Fluoranthene	19.073	202	37015	0.110	ng	100
30) Pyrene	19.435	202	33631	0.104	ng	# 95
32) Benzo(a)anthracene	21.196	228	17711	0.055	ng	96
33) Chrysene	21.196	228	16791	0.051	ng	96
34) Bis(2-ethylhexyl)phtha...	21.143	149	33930	0.206	ng	99
36) Indeno(1,2,3-cd)pyrene	25.713	276	12368	0.029	ng	97
37) Benzo(b)fluoranthene	22.783	252	24278	0.067	ng	# 81
39) Benzo(a)pyrene	23.351	252	15849	0.048	ng	# 81
41) Benzo(g,h,i)perylene	26.408	276	12638	0.034	ng	# 89

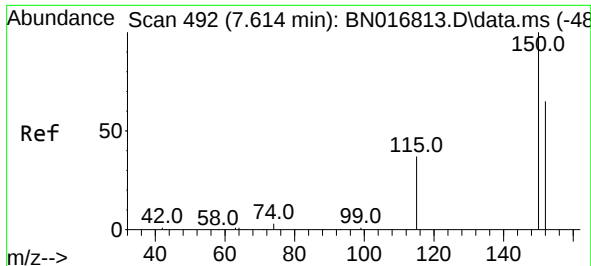
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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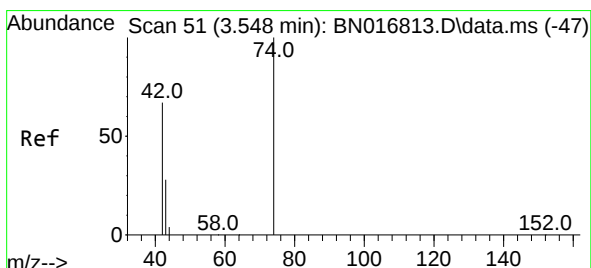
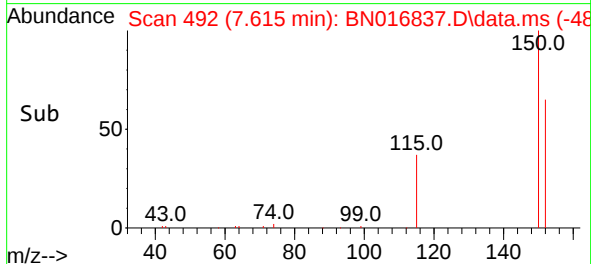
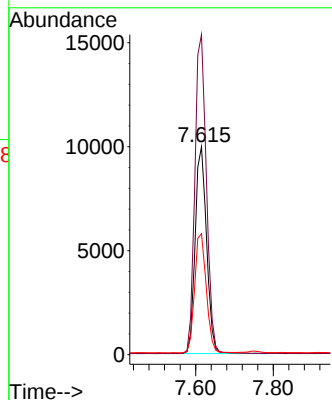
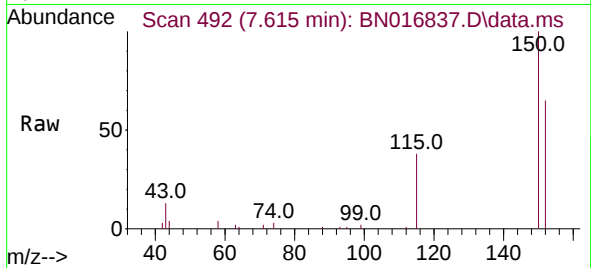




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.615 min Scan# 492
Delta R.T. 0.001 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

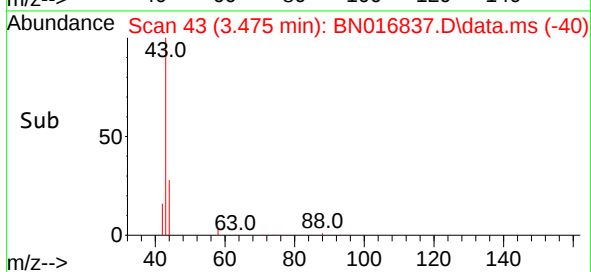
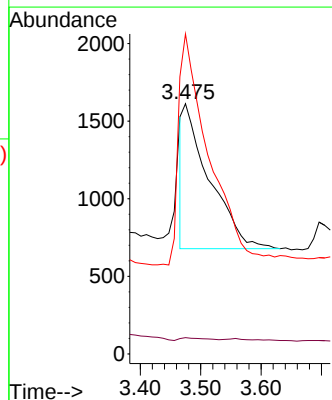
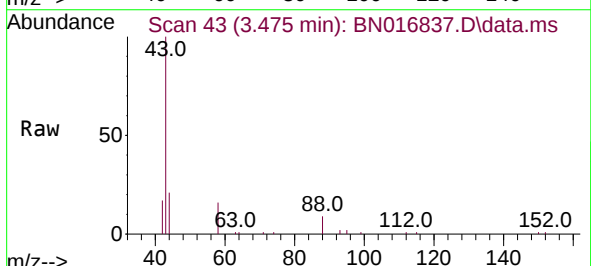
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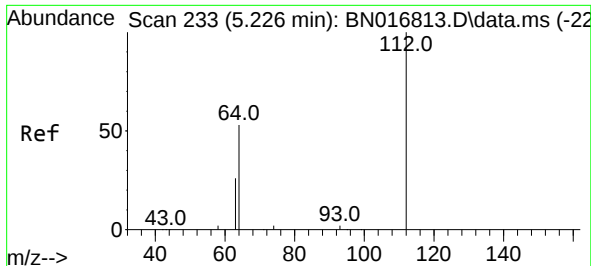
Tgt Ion:152 Resp: 20206
Ion Ratio Lower Upper
152 100
150 154.0 123.3 184.9
115 58.2 47.0 70.6



#3
n-Nitrosodimethylamine
Concen: 0.177 ng
RT: 3.475 min Scan# 43
Delta R.T. -0.073 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

Tgt Ion: 42 Resp: 2806
Ion Ratio Lower Upper
42 100
74 0.9 124.0 186.0#
44 142.7 5.6 8.4#

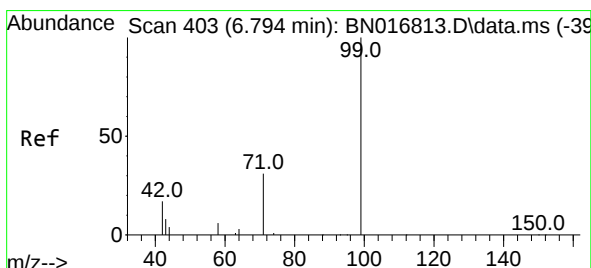
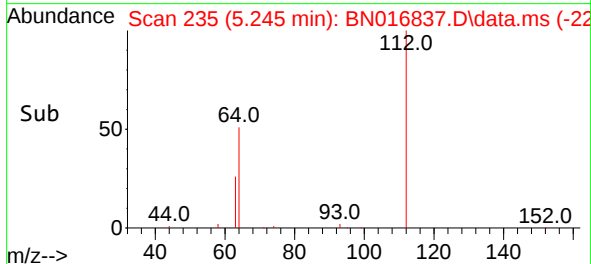
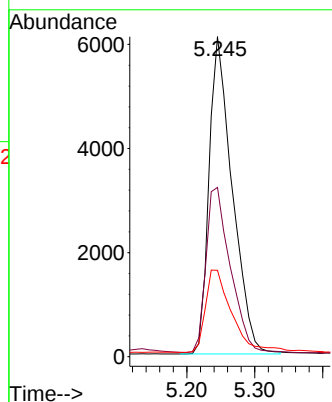
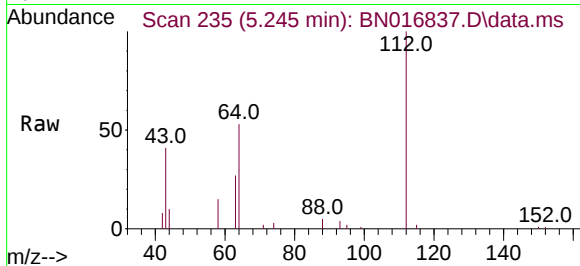




#4
2-Fluorophenol
Concen: 0.287 ng
RT: 5.245 min Scan# 235
Delta R.T. 0.019 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

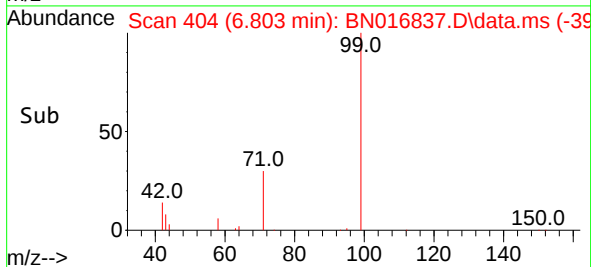
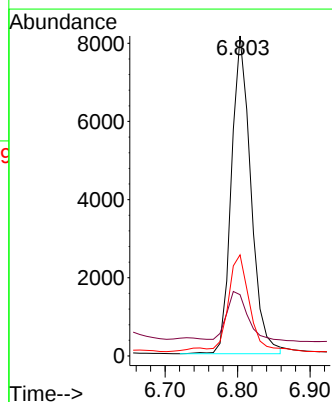
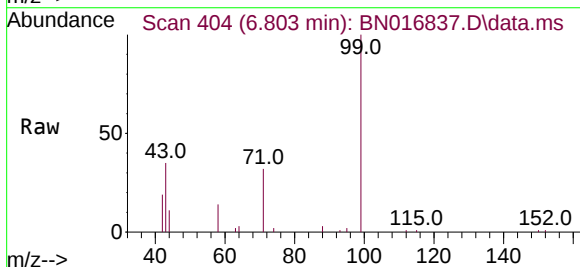
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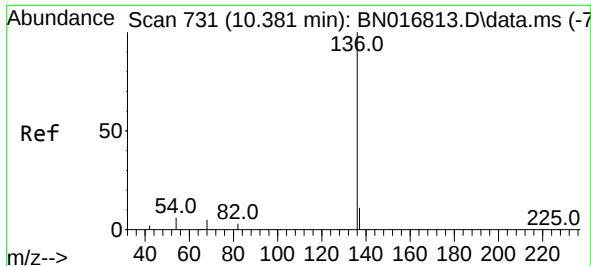
Tgt Ion:	112	Resp:	14462
Ion	Ratio	Lower	Upper
112	100		
64	54.6	42.9	64.3
63	29.2	21.5	32.3



#5
Phenol-d6
Concen: 0.264 ng
RT: 6.803 min Scan# 404
Delta R.T. 0.010 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

Tgt Ion:	99	Resp:	15163
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.4	20.2
71	33.3	24.0	36.0

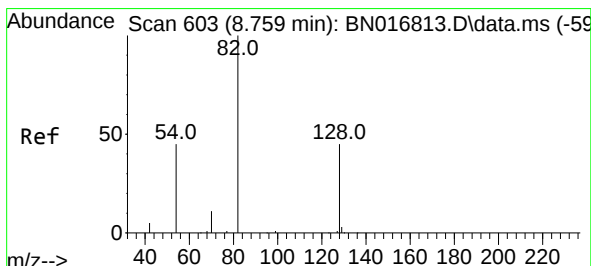
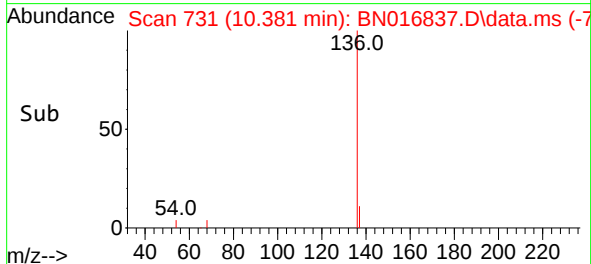
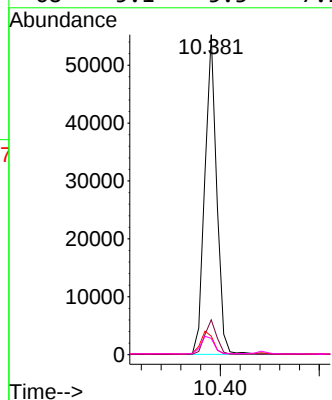
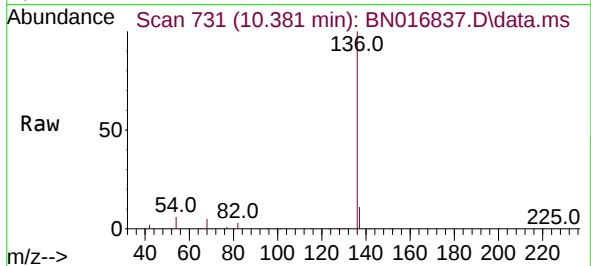




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

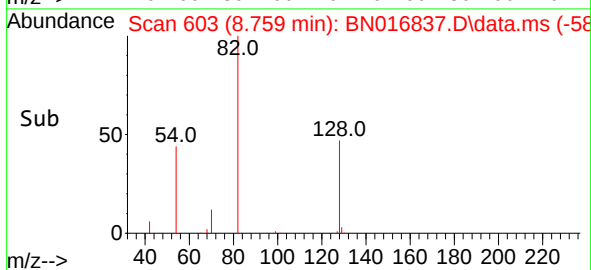
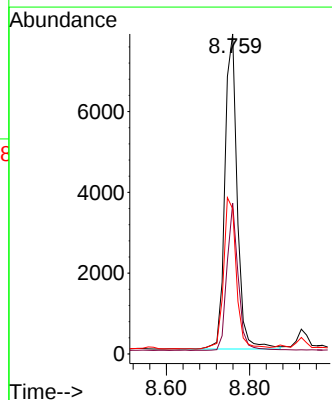
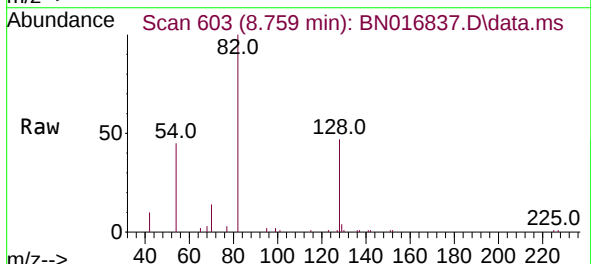
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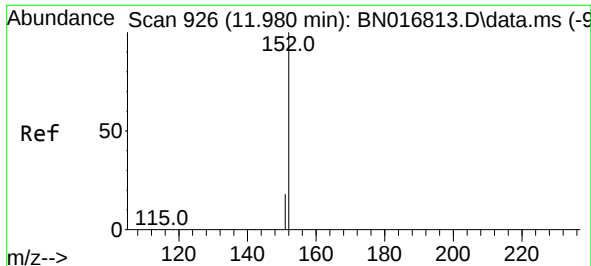
Tgt Ion:	136	Resp:	92310
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.8	6.5	9.7#
68	5.1	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.248 ng
RT: 8.759 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

Tgt Ion:	82	Resp:	16053
Ion	Ratio	Lower	Upper
82	100		
128	47.2	33.8	50.6
54	45.4	38.5	57.7

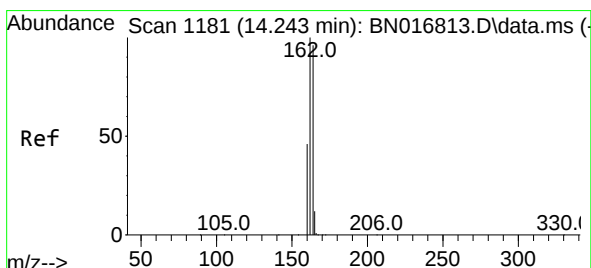
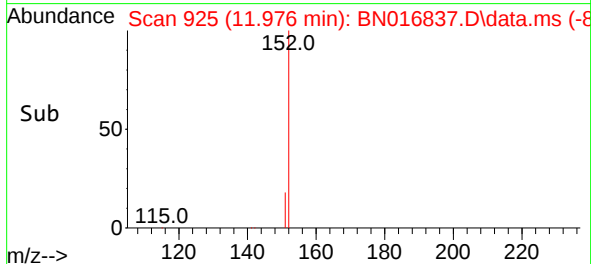
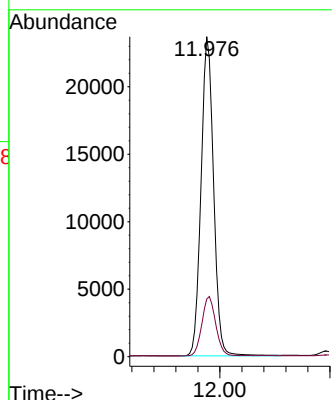
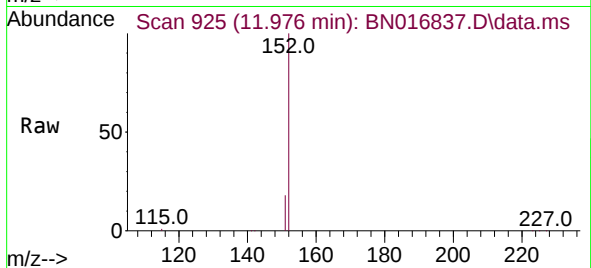




#11
2-Methylnaphthalene-d10
Concen: 0.272 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

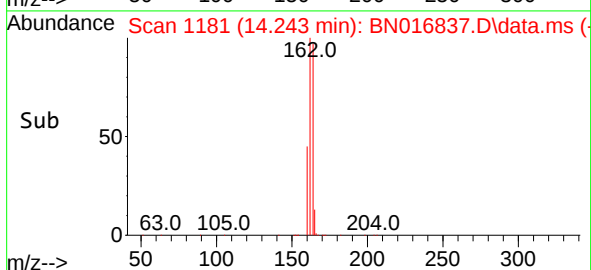
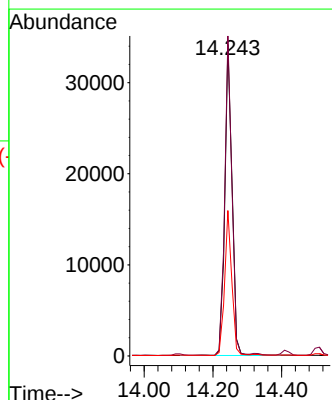
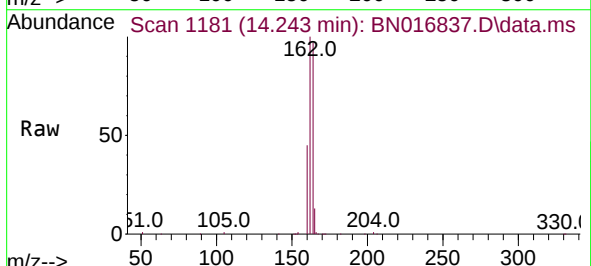
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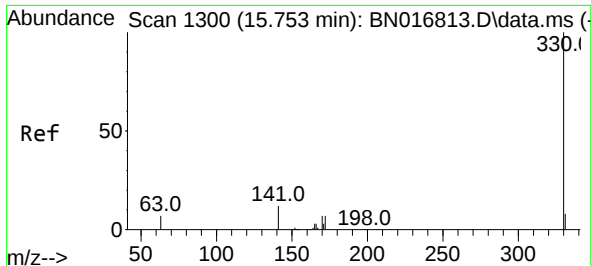
Tgt Ion:152 Resp: 37378
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

Tgt Ion:164 Resp: 50208
Ion Ratio Lower Upper
164 100
162 102.7 82.6 124.0
160 46.7 38.2 57.2

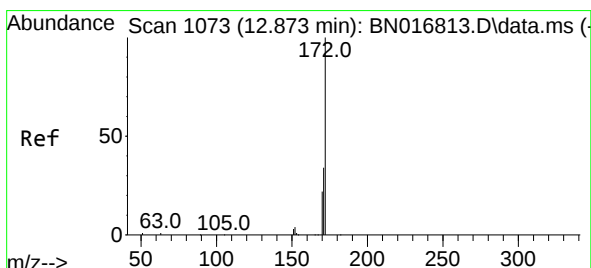
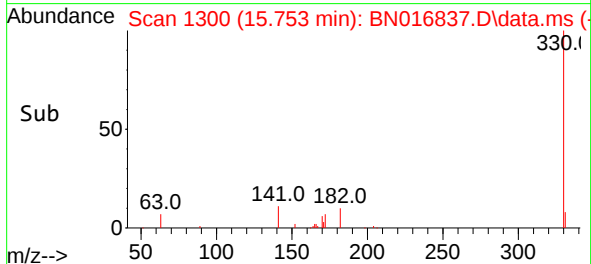
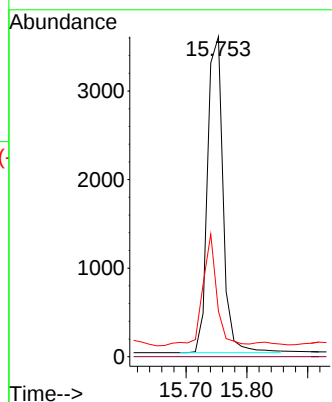
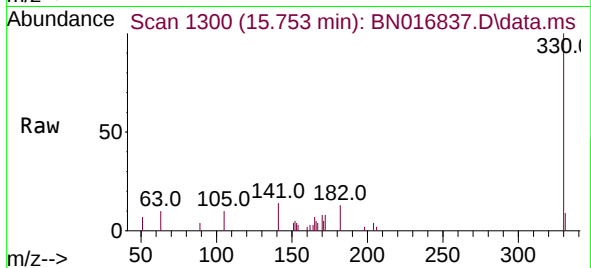




#14
2,4,6-Tribromophenol
Concen: 0.244 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

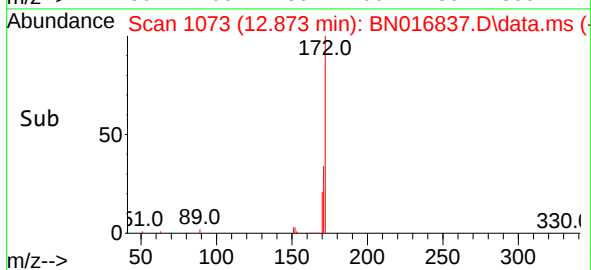
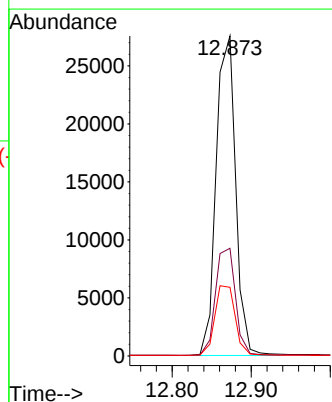
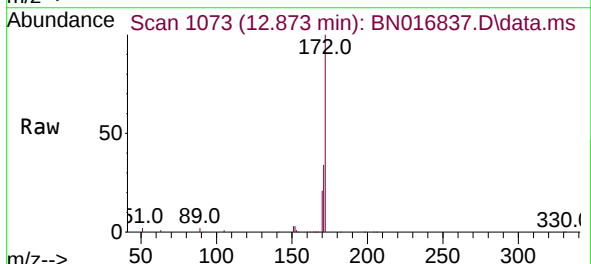
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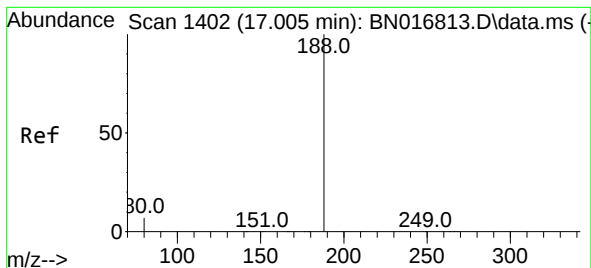
Tgt Ion: 330 Resp: 6343
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.5 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.234 ng
RT: 12.873 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

Tgt Ion: 172 Resp: 47348
Ion Ratio Lower Upper
172 100
171 33.6 26.9 40.3
170 21.5 17.4 26.0

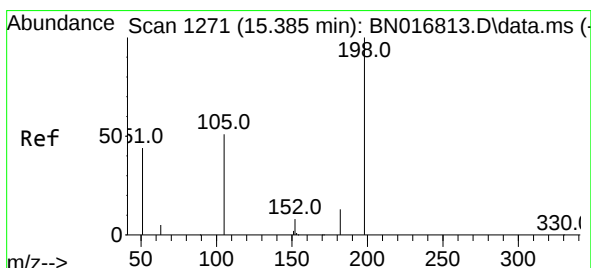
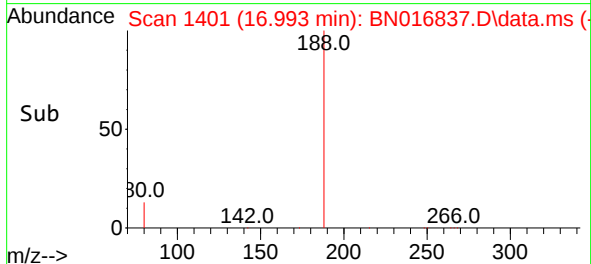
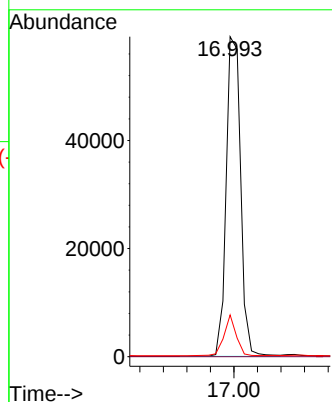
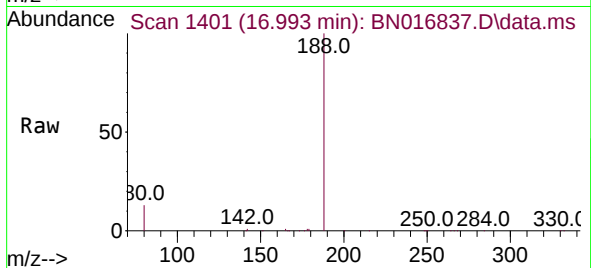




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.012 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

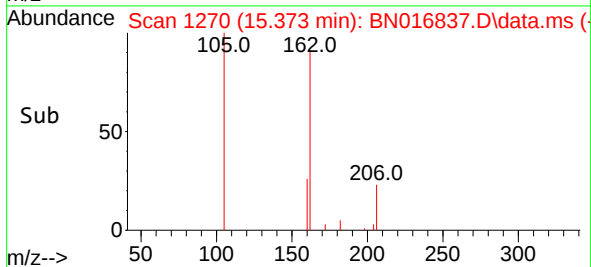
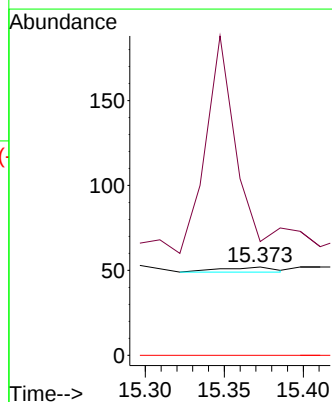
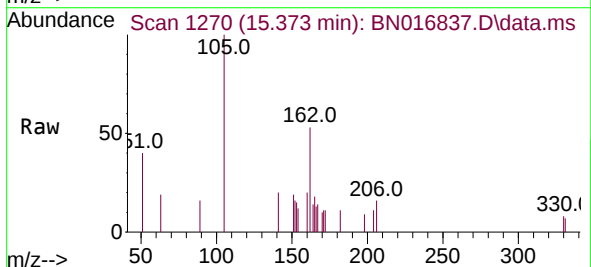
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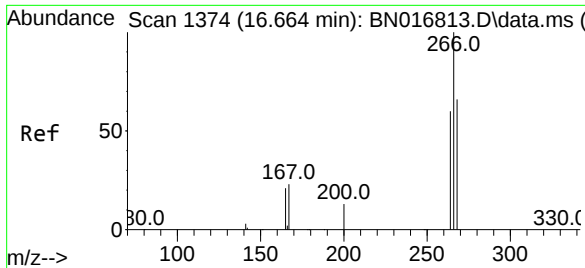
Tgt Ion:188 Resp: 101031
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 5.8 8.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.208 ng
RT: 15.373 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
182 128.8 26.2 39.2#
77 0.0 0.0 0.0

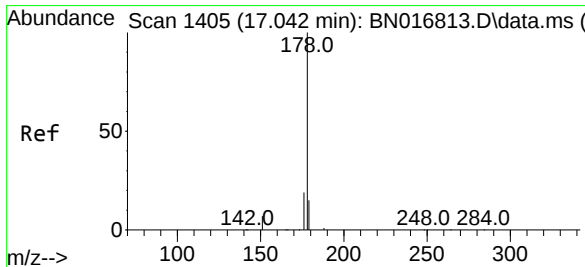
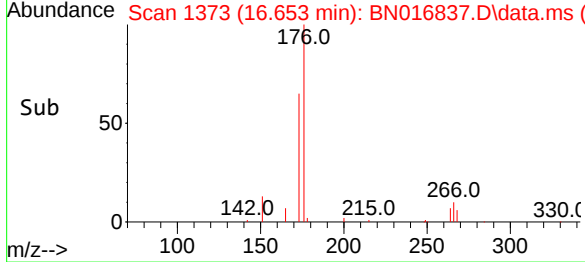
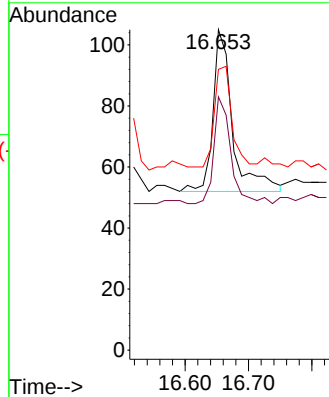
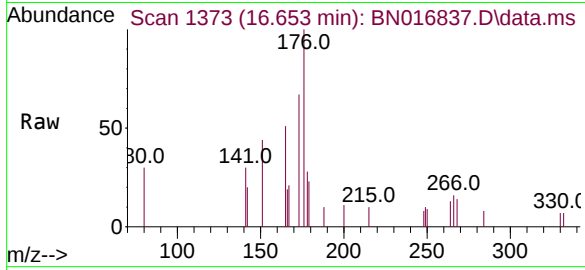




#24
 Pentachlorophenol
 Concen: 0.107 ng
 RT: 16.653 min Scan# 1373
 Delta R.T. -0.011 min
 Lab File: BN016837.D
 Acq: 08 Oct 2021 10:32

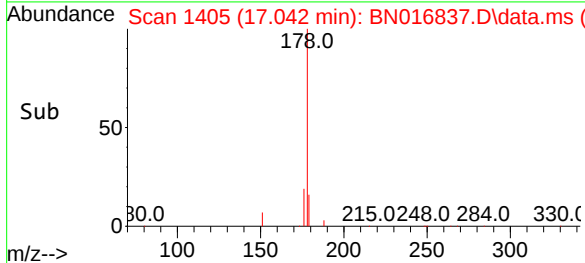
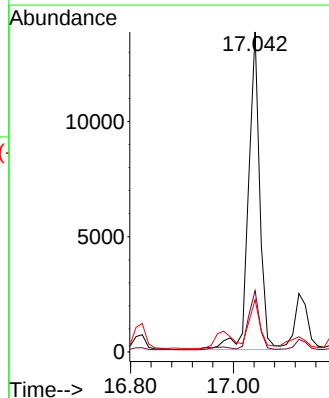
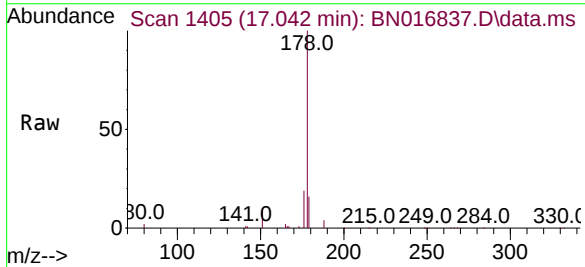
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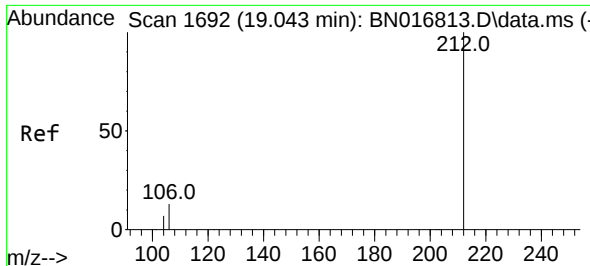
Tgt Ion:266	Resp:	114
Ion Ratio	Lower	Upper
266	100	
264	57.0	49.3 73.9
268	55.3	51.8 77.8



#25
 Phenanthrene
 Concen: 0.070 ng
 RT: 17.042 min Scan# 1405
 Delta R.T. 0.000 min
 Lab File: BN016837.D
 Acq: 08 Oct 2021 10:32

Tgt Ion:178	Resp:	21019
Ion Ratio	Lower	Upper
178	100	
176	17.4	15.0 22.6
179	14.5	12.4 18.6

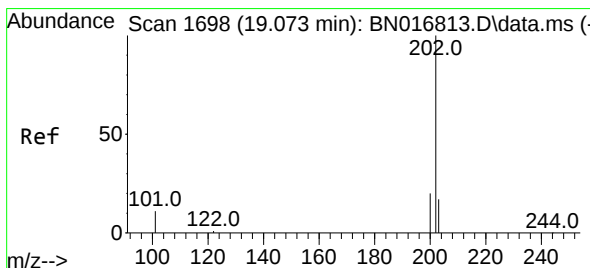
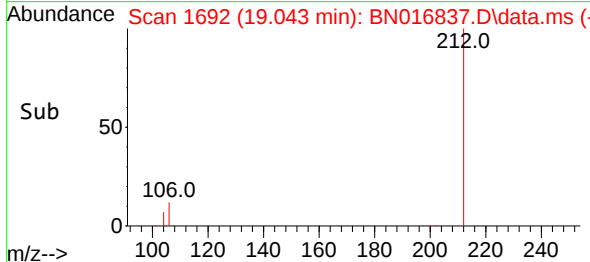
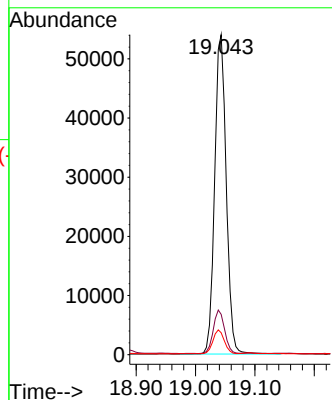
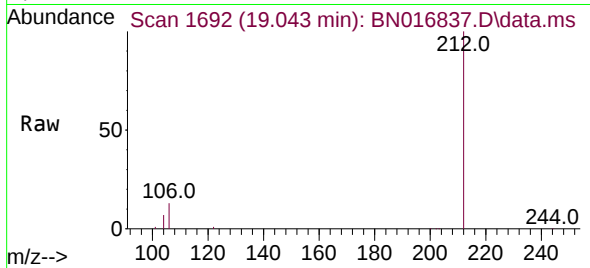




#27
Fluoranthene-d10
Concen: 0.260 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

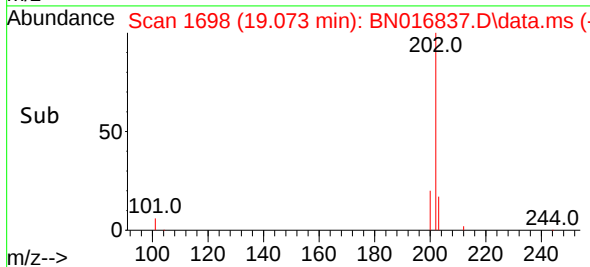
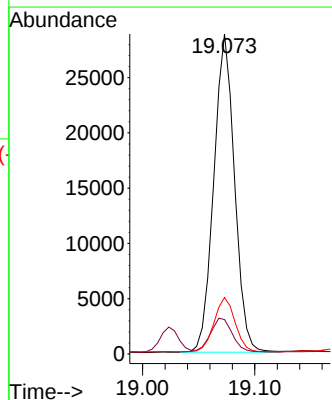
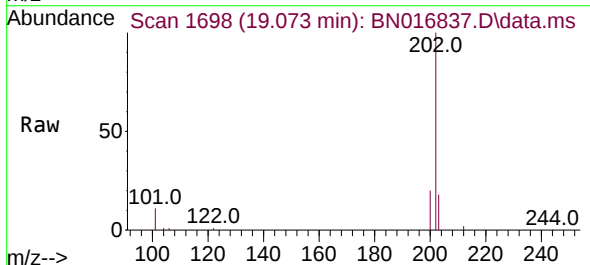
Instrument :
BNA_N
ClientSampleId :
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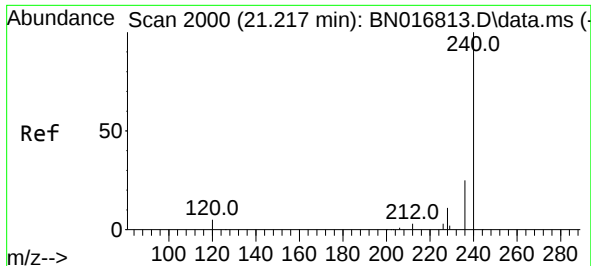
Tgt Ion:212 Resp: 72915
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.3 5.8 8.8



#28
Fluoranthene
Concen: 0.110 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

Tgt Ion:202 Resp: 37015
Ion Ratio Lower Upper
202 100
101 11.1 8.9 13.3
203 17.3 13.8 20.8

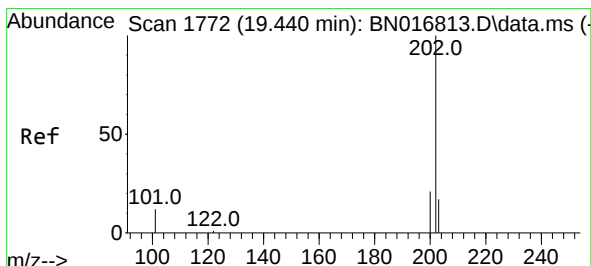
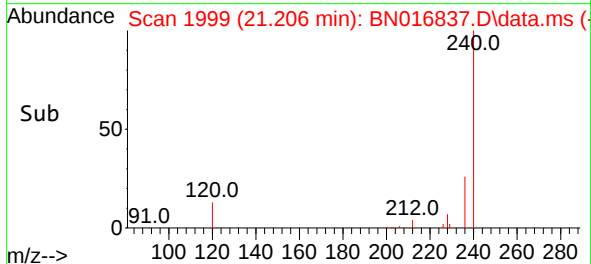
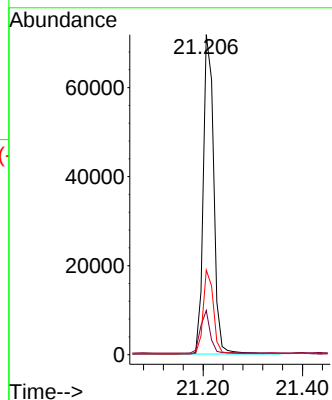
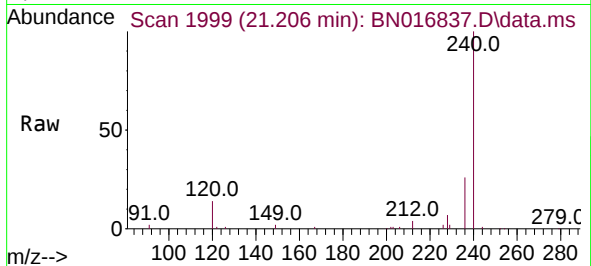




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.010 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

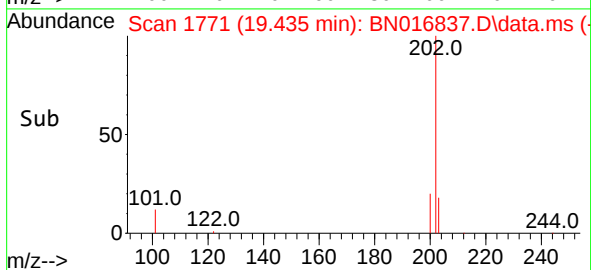
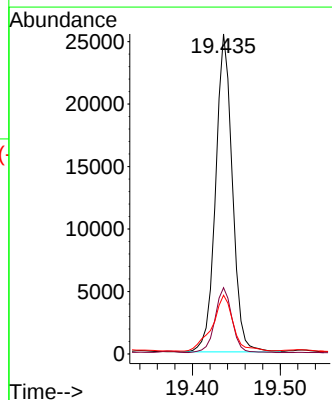
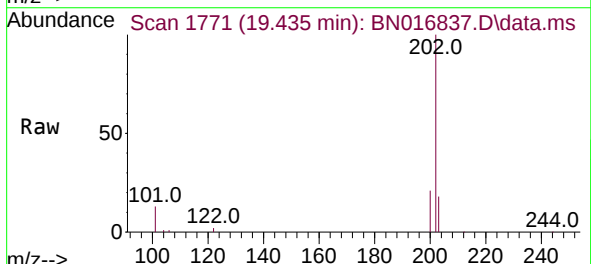
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-2-2.5-093021

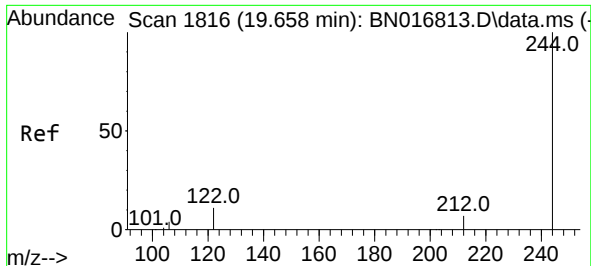
Tgt Ion:240 Resp: 105010
Ion Ratio Lower Upper
240 100
120 13.8 6.6 10.0#
236 26.5 20.7 31.1



#30
Pyrene
Concen: 0.104 ng
RT: 19.435 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

Tgt Ion:202 Resp: 33631
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 21.8 13.9 20.9#

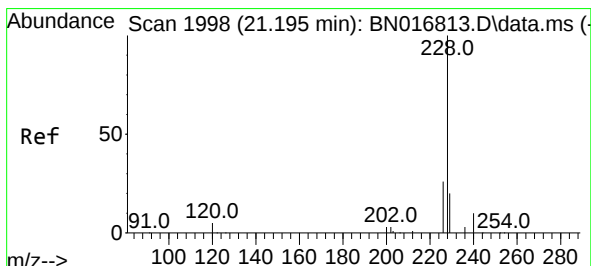
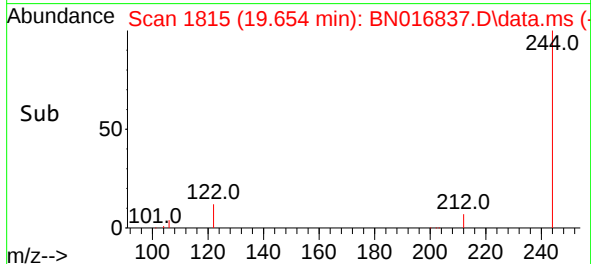
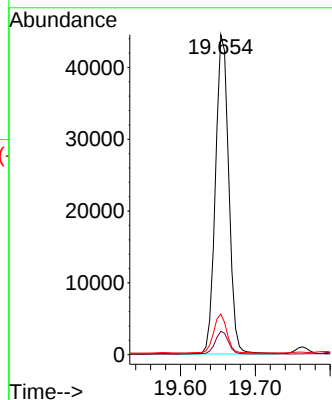
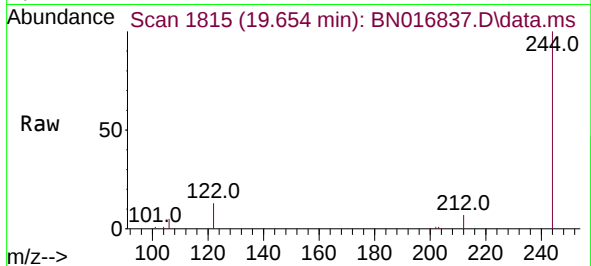




#31
Terphenyl-d14
Concen: 0.240 ng
RT: 19.654 min Scan# 1815
Delta R.T. -0.005 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

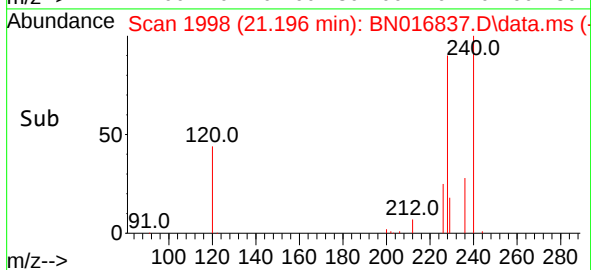
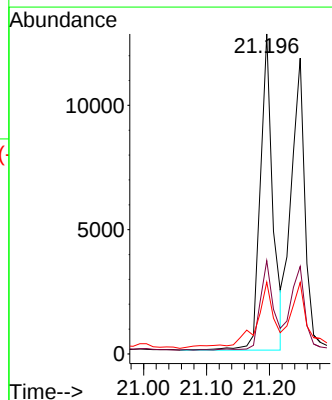
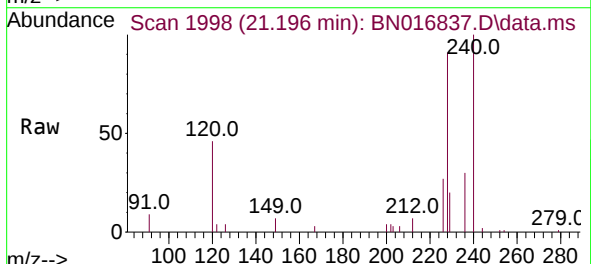
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-2-2.5-093021

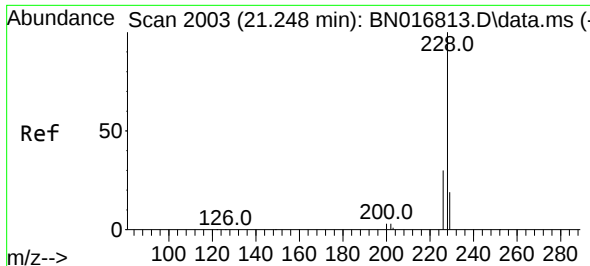
Tgt Ion:244 Resp: 54989
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 12.7 8.9 13.3



#32
Benzo(a)anthracene
Concen: 0.055 ng
RT: 21.196 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

Tgt Ion:228 Resp: 17711
Ion Ratio Lower Upper
228 100
226 29.2 22.3 33.5
229 22.4 15.4 23.0

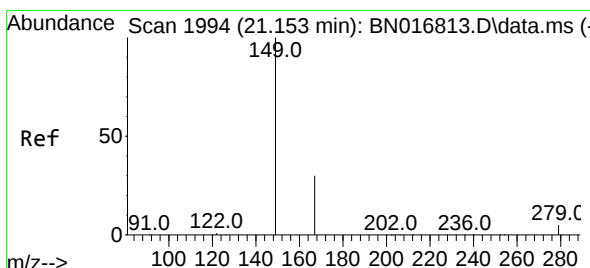
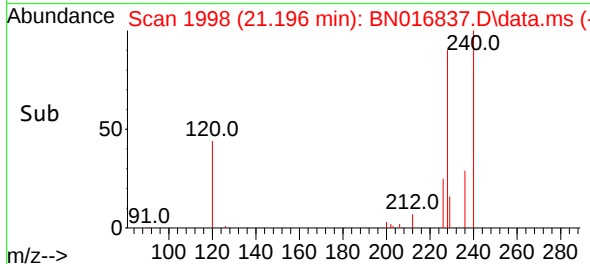
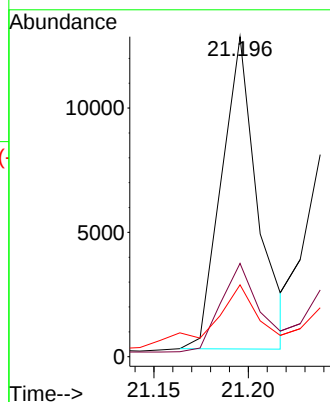
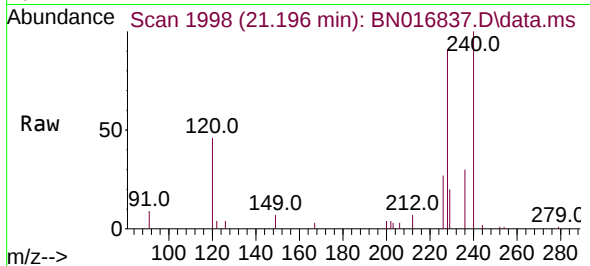




#33
Chrysene
Concen: 0.051 ng
RT: 21.196 min Scan# 1998
Delta R.T. -0.053 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

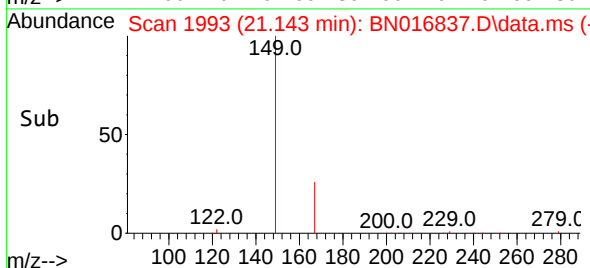
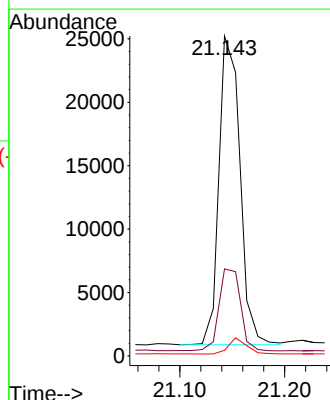
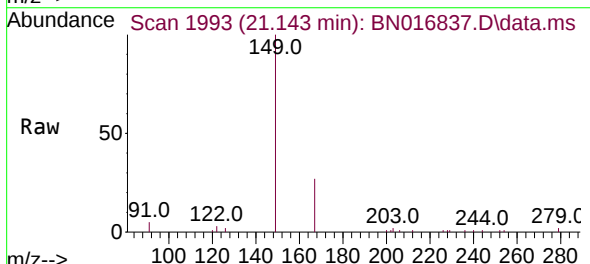
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-2-2.5-093021

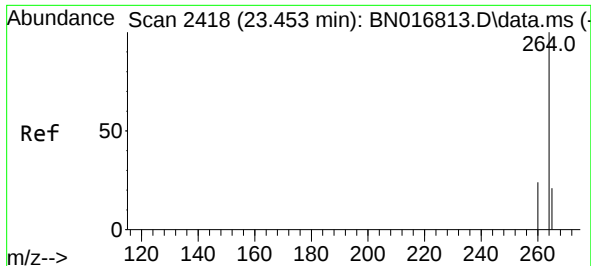
Tgt Ion:228	Resp:	16791
Ion Ratio	Lower	Upper
228	100	
226	29.2	24.2 36.4
229	22.4	15.4 23.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.206 ng
RT: 21.143 min Scan# 1993
Delta R.T. -0.010 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

Tgt Ion:149	Resp:	33930
Ion Ratio	Lower	Upper
149	100	
167	27.0	22.2 33.4
279	4.5	3.4 5.2

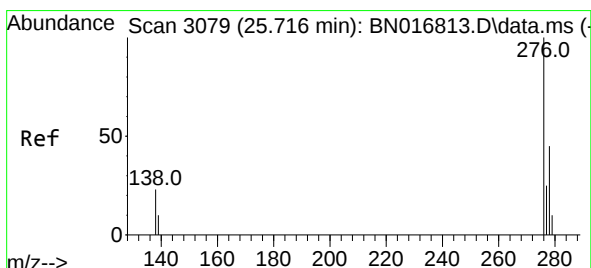
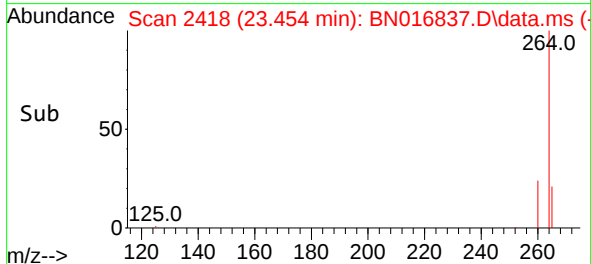
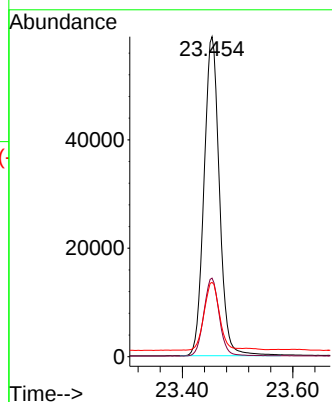
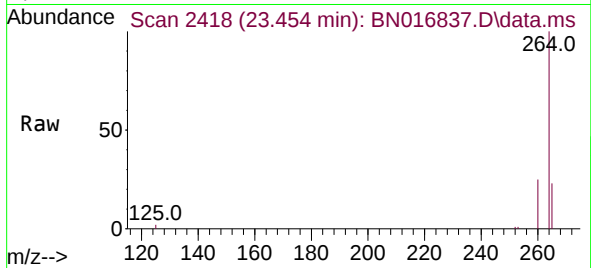




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.454 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

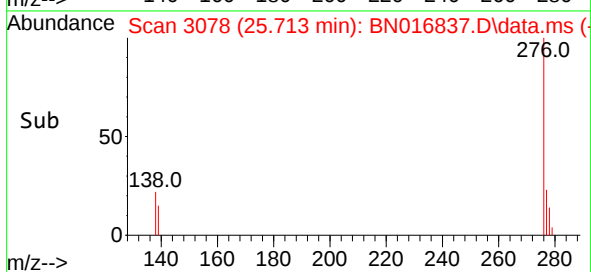
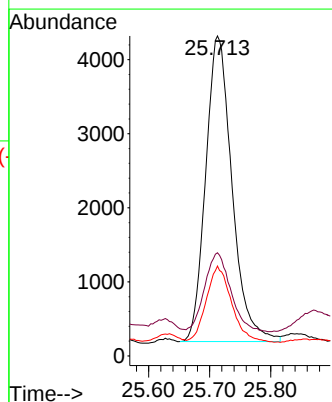
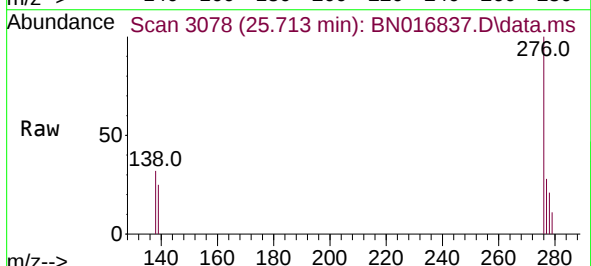
Instrument :
BNA_N
ClientSampleId :
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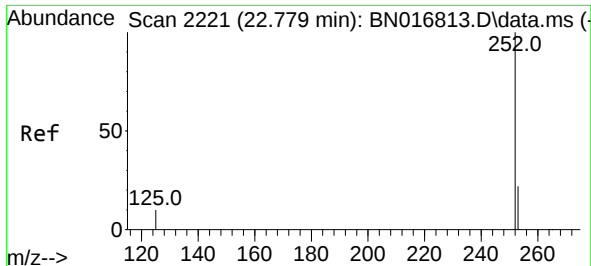
Tgt Ion:264 Resp: 113928
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.6
265 23.2 20.3 30.5



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng
RT: 25.713 min Scan# 3078
Delta R.T. -0.003 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

Tgt Ion:276 Resp: 12368
Ion Ratio Lower Upper
276 100
138 25.5 19.2 28.8
277 23.9 20.0 30.0

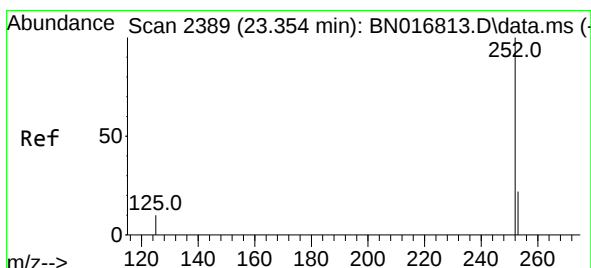
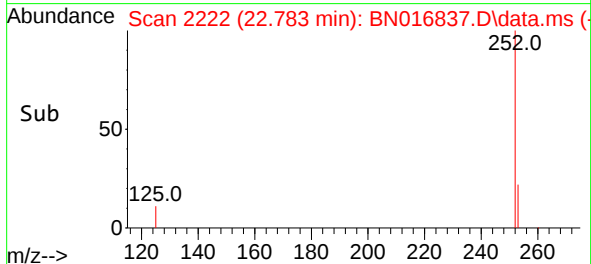
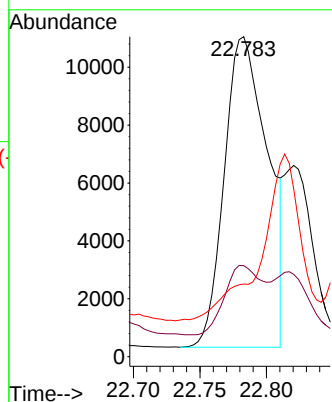
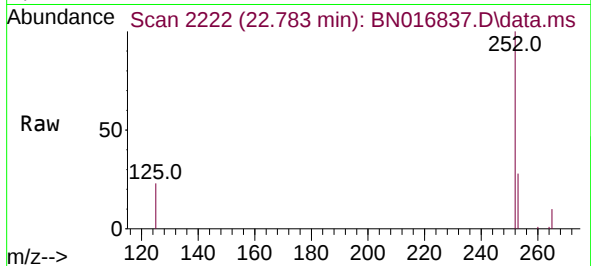




#37
Benzo(b)fluoranthene
Concen: 0.067 ng
RT: 22.783 min Scan# 2222
Delta R.T. 0.004 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

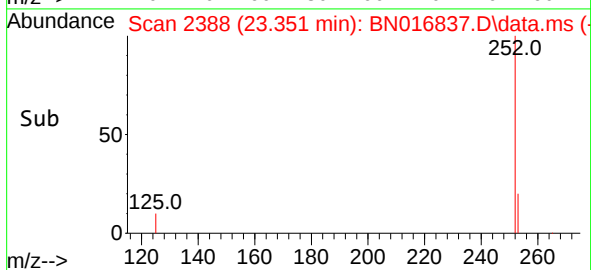
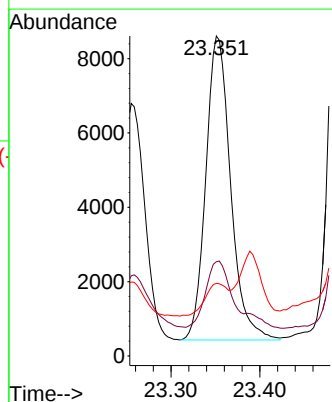
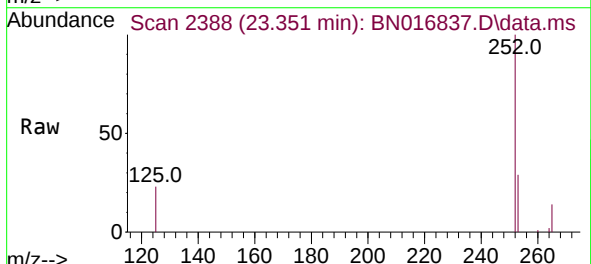
Instrument :
BNA_N
ClientSampleId :
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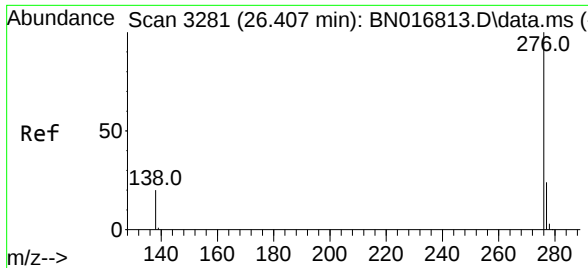
Tgt Ion:252 Resp: 24278
Ion Ratio Lower Upper
252 100
253 28.4 17.8 26.8#
125 22.7 8.3 12.5#



#39
Benzo(a)pyrene
Concen: 0.048 ng
RT: 23.351 min Scan# 2388
Delta R.T. -0.003 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

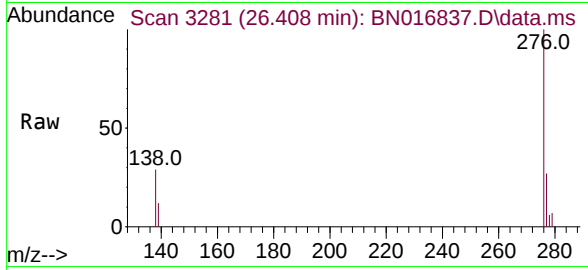
Tgt Ion:252 Resp: 15849
Ion Ratio Lower Upper
252 100
253 29.5 17.9 26.9#
125 22.7 9.4 14.2#





#41
Benzo(g,h,i)perylene
Concen: 0.034 ng
RT: 26.408 min Scan# 3281
Delta R.T. 0.000 min
Lab File: BN016837.D
Acq: 08 Oct 2021 10:32

Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-2-2.5-093021



Tgt Ion:276 Resp: 12638
Ion Ratio Lower Upper
276 100
277 26.5 19.0 28.4
138 29.3 17.0 25.6#

