

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
 Data File : BN021360.D
 Acq On : 25 Aug 2022 07:11
 Operator : CG/JU
 Sample : N4245-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20220816

Quant Time: Aug 25 07:38:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 06:55:06 2022
 Response via : Initial Calibration

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

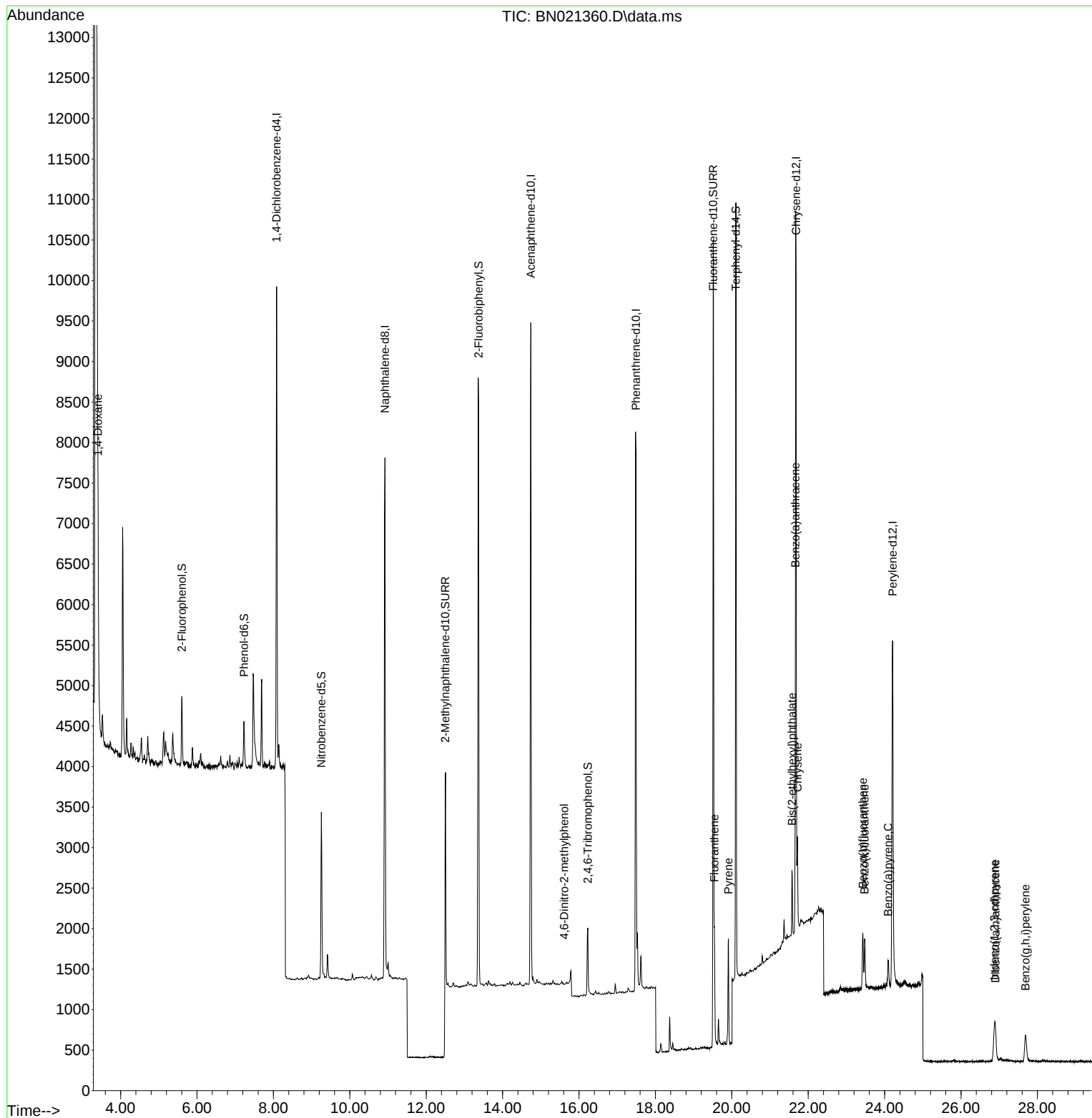
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	2983	0.400	ng	0.00
7) Naphthalene-d8	10.919	136	9097	0.400	ng	0.00
13) Acenaphthene-d10	14.739	164	4892	0.400	ng	0.00
19) Phenanthrene-d10	17.490	188	10259	0.400	ng	0.00
29) Chrysene-d12	21.682	240	8508	0.400	ng	0.00
35) Perylene-d12	24.208	264	6832	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	781	0.097	ng	0.00
5) Phenol-d6	7.231	99	565	0.056	ng	0.00
8) Nitrobenzene-d5	9.254	82	1816	0.264	ng	0.00
11) 2-Methylnaphthalene-d10	12.501	152	5019	0.327	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	532	0.237	ng	0.00
15) 2-Fluorobiphenyl	13.371	172	7273	0.332	ng	0.00
27) Fluoranthene-d10	19.514	212	10827	0.353	ng	0.00
31) Terphenyl-d14	20.106	244	8026	0.447	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	784	0.189	ng	99
20) 4,6-Dinitro-2-methylph...	15.616	198	1	0.074	ng	94
28) Fluoranthene	19.543	202	1126	0.027	ng	97
30) Pyrene	19.910	202	1143	0.027	ng	# 90
32) Benzo(a)anthracene	21.664	228	837	0.026	ng	# 88
33) Chrysene	21.718	228	934	0.027	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.574	149	887	0.057	ng	97
36) Indeno(1,2,3-cd)pyrene	26.875	276	804	0.023	ng	# 80
37) Benzo(b)fluoranthene	23.428	252	969	0.032	ng	# 44
38) Benzo(k)fluoranthene	23.477	252	767	0.025	ng	# 32
39) Benzo(a)pyrene	24.091	252	508	0.021	ng	# 7
40) Dibenzo(a,h)anthracene	26.901	278	601	0.021	ng	# 48
41) Benzo(g,h,i)perylene	27.685	276	783	0.026	ng	# 70

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

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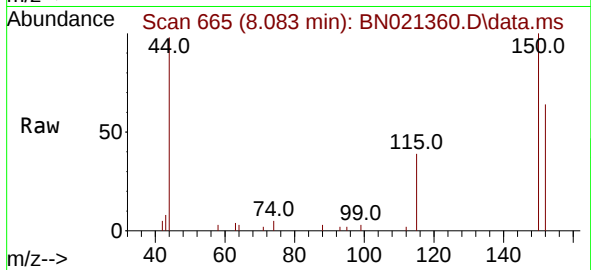
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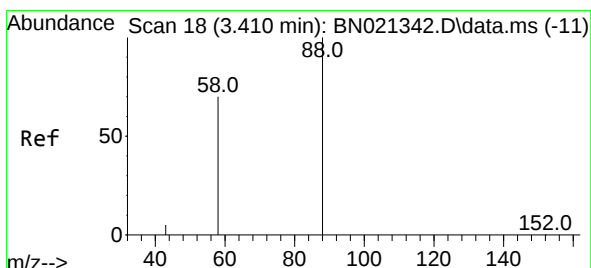
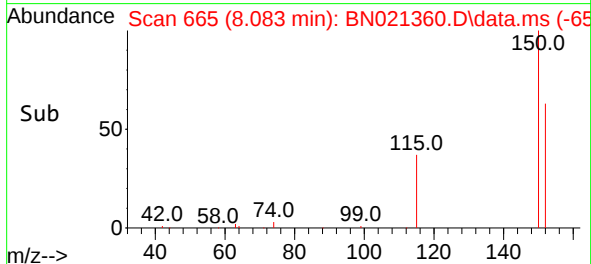
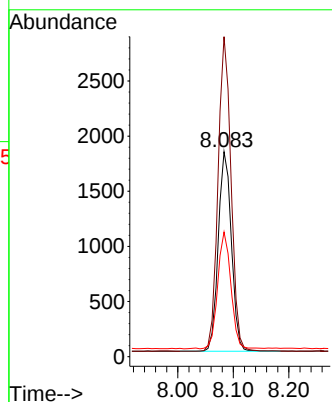
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.083 min Scan# 666
 Delta R.T. -0.007 min
 Lab File: BN021360.D
 Acq: 25 Aug 2022 07:11

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20220816



Tgt Ion:152 Resp: 2983

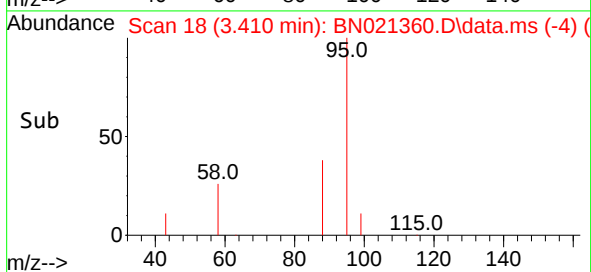
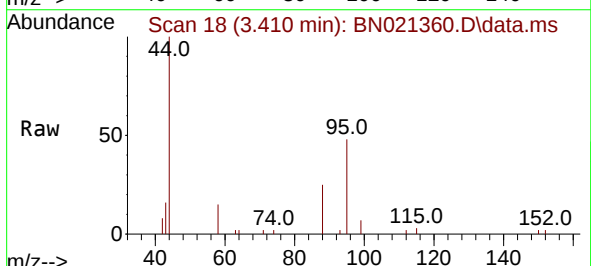
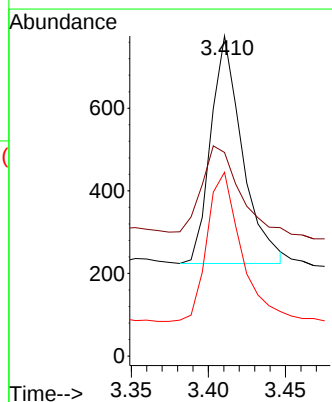
Ion	Ratio	Lower	Upper
152	100		
150	156.1	121.4	182.0
115	60.8	48.6	72.8

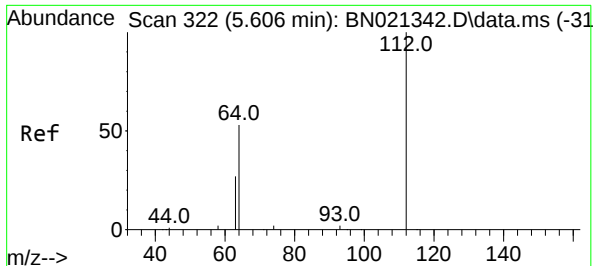


#2
 1,4-Dioxane
 Concen: 0.189 ng
 RT: 3.410 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BN021360.D
 Acq: 25 Aug 2022 07:11

Tgt Ion: 88 Resp: 784

Ion	Ratio	Lower	Upper
88	100		
43	43.9	35.8	53.8
58	70.9	57.1	85.7

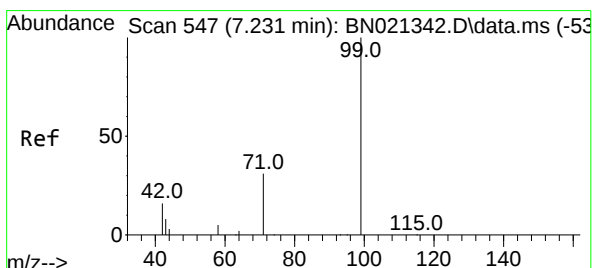
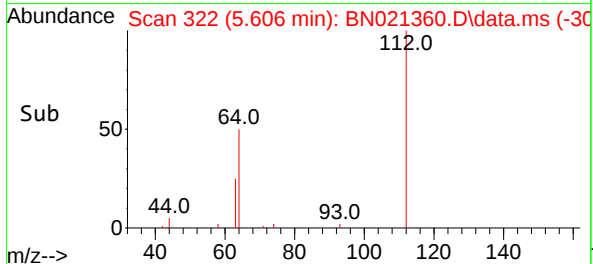
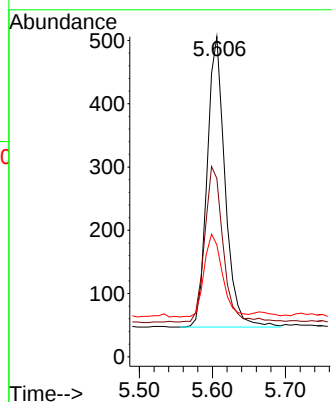
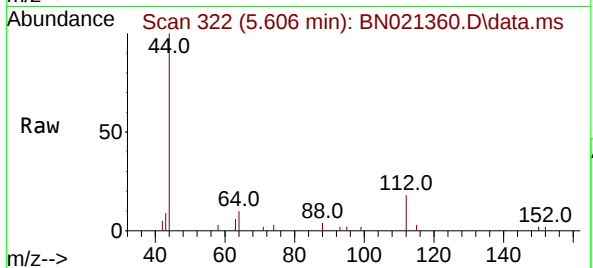




#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.606 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

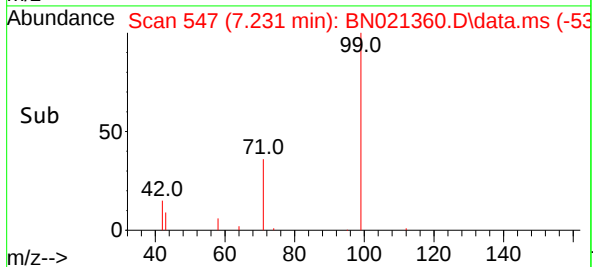
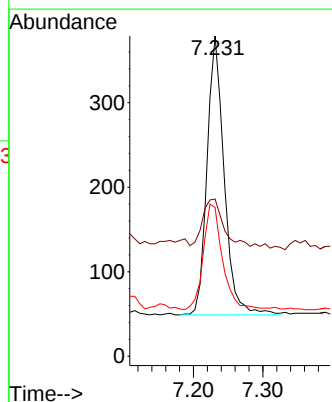
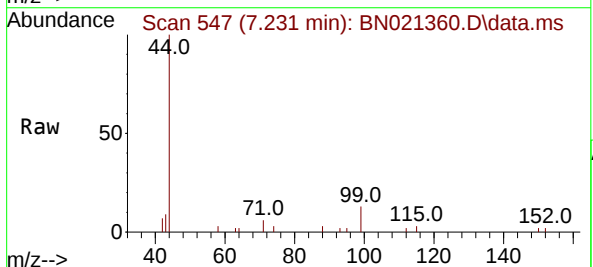
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:	112	Resp:	781
Ion	Ratio	Lower	Upper
112	100		
64	54.8	43.5	65.3
63	29.1	22.6	34.0



#5
Phenol-d6
Concen: 0.056 ng
RT: 7.231 min Scan# 547
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

Tgt Ion:	99	Resp:	565
Ion	Ratio	Lower	Upper
99	100		
42	25.8	15.5	23.3#
71	42.7	24.2	36.2#

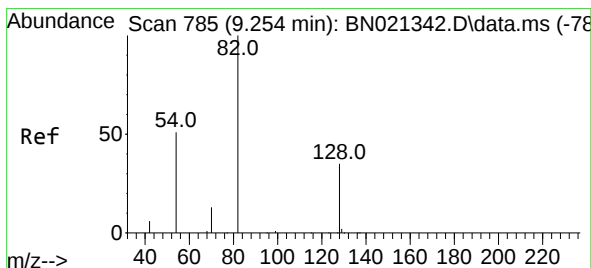
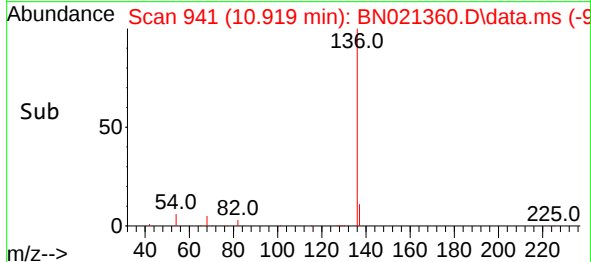
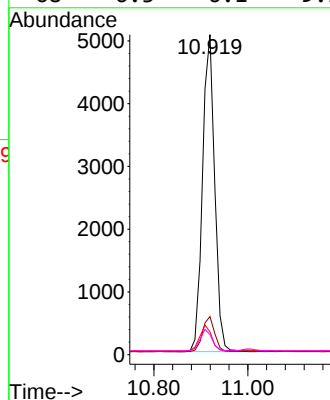
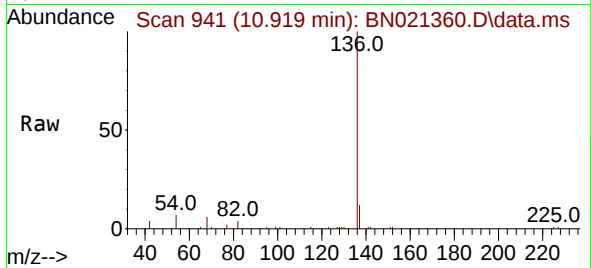




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.919 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

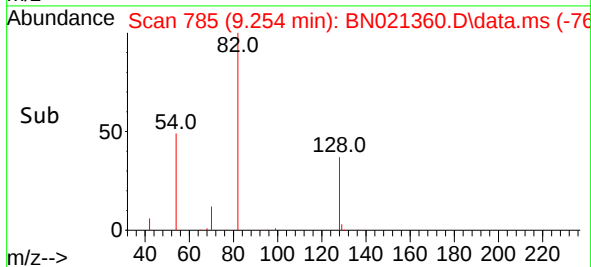
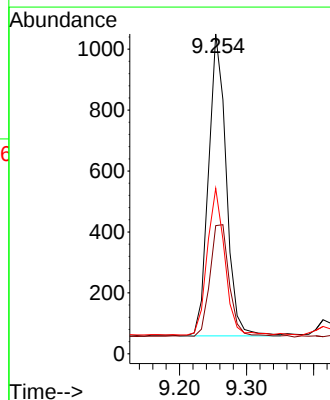
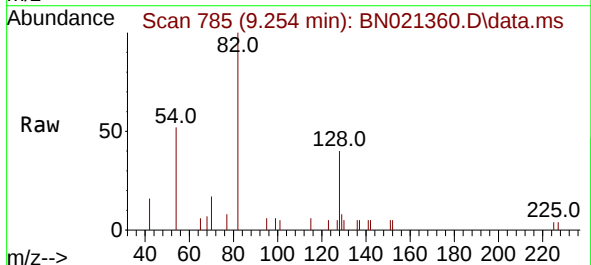
Instrument :
BNA_N
ClientSampleId :
MW179D1-20220816

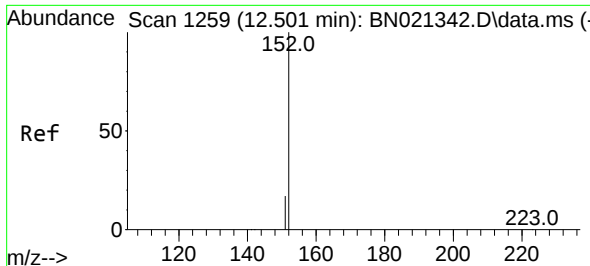
Tgt Ion:136	Resp:	9097
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.3 13.9
54	7.1	6.9 10.3
68	6.3	6.1 9.1



#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

Tgt Ion: 82	Resp:	1816
Ion Ratio	Lower	Upper
82	100	
128	40.1	30.9 46.3
54	51.7	42.7 64.1





#11

2-Methylnaphthalene-d10

Concen: 0.327 ng

RT: 12.501 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BN021360.D

Acq: 25 Aug 2022 07:11

Instrument :

BNA_N

ClientSampleId :

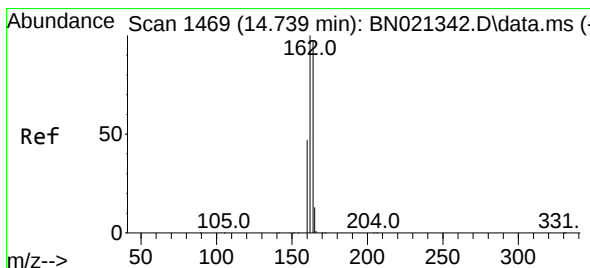
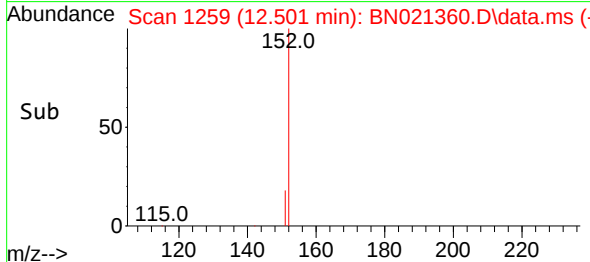
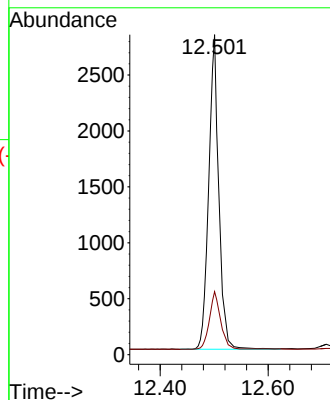
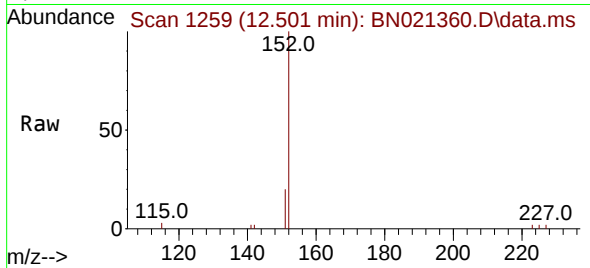
MW179D1-20220816

Tgt Ion:152 Resp: 5019

Ion Ratio Lower Upper

152 100

151 20.9 14.5 21.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.739 min Scan# 1469

Delta R.T. 0.000 min

Lab File: BN021360.D

Acq: 25 Aug 2022 07:11

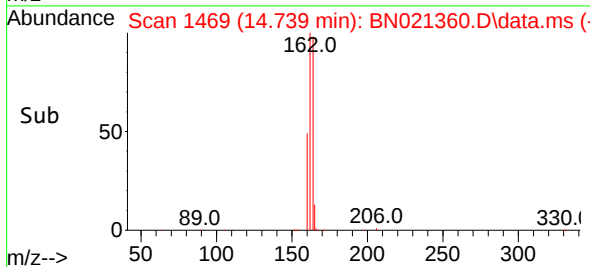
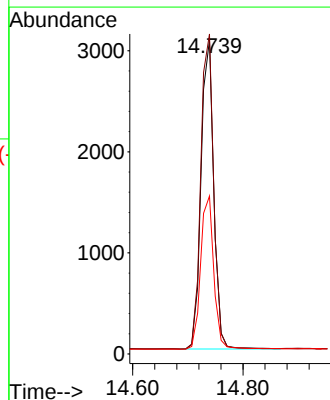
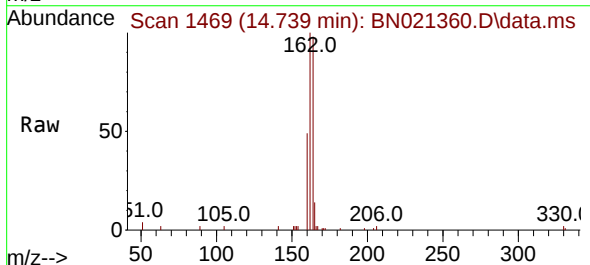
Tgt Ion:164 Resp: 4892

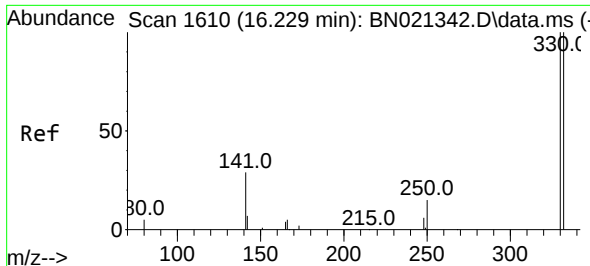
Ion Ratio Lower Upper

164 100

162 101.9 82.2 123.4

160 50.3 39.5 59.3

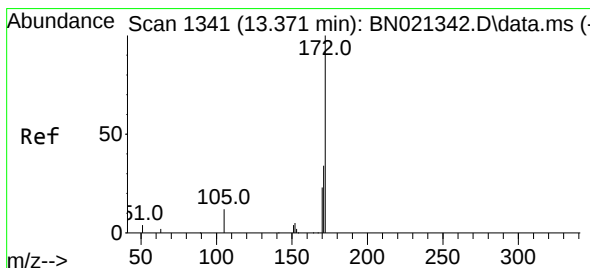
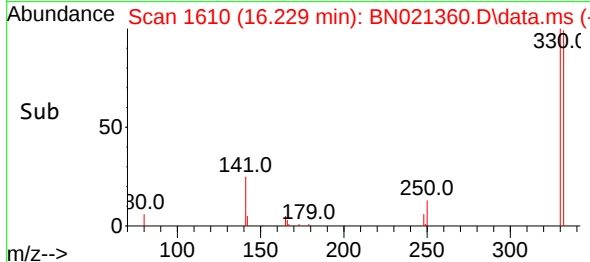
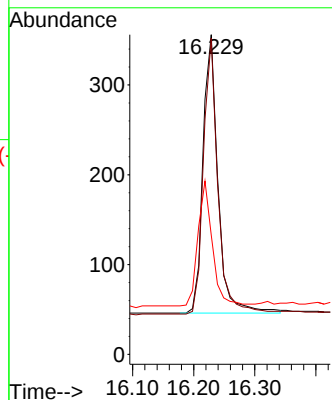
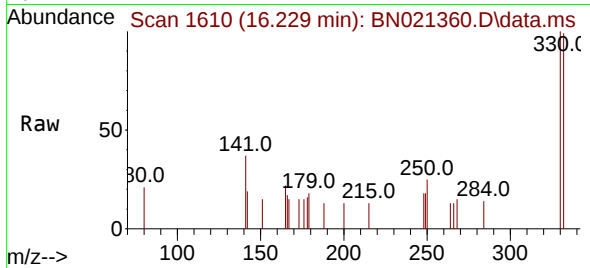




#14
2,4,6-Tribromophenol
Concen: 0.237 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

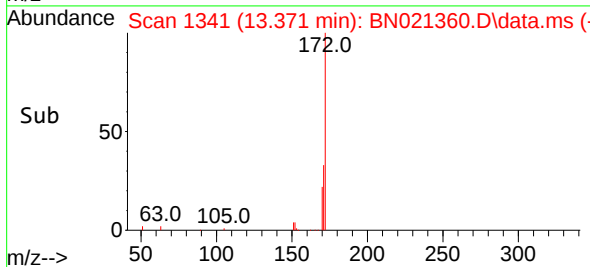
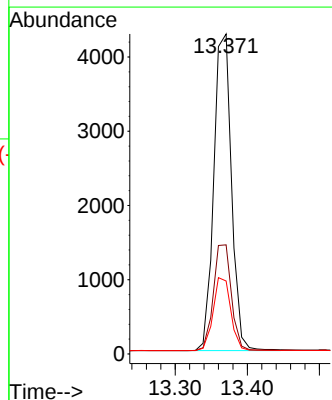
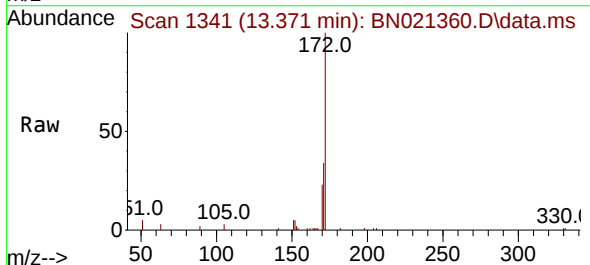
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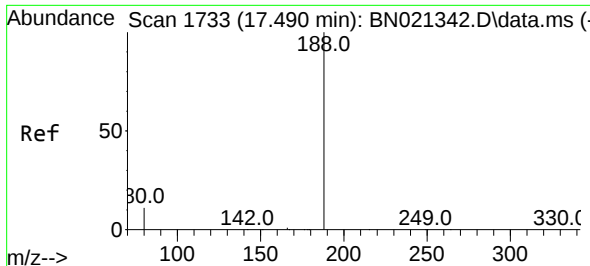
Tgt Ion:	330	Resp:	532
Ion Ratio	Lower	Upper	
330	100		
332	95.5	79.3	118.9
141	42.9	37.1	55.7



#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 13.371 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

Tgt Ion:	172	Resp:	7273
Ion Ratio	Lower	Upper	
172	100		
171	34.1	27.8	41.6
170	22.8	18.6	28.0

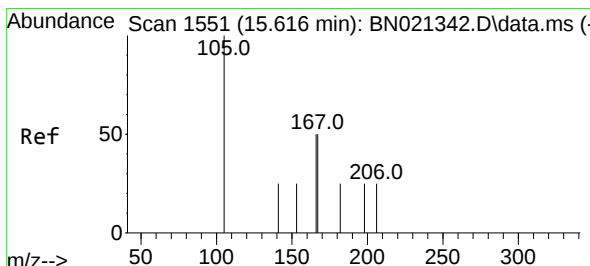
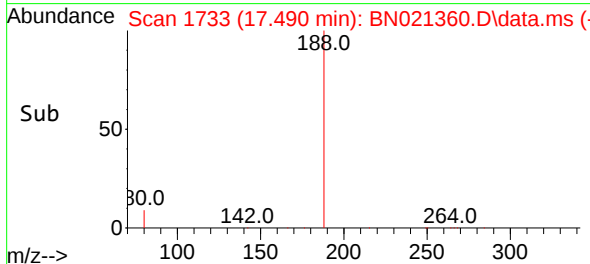
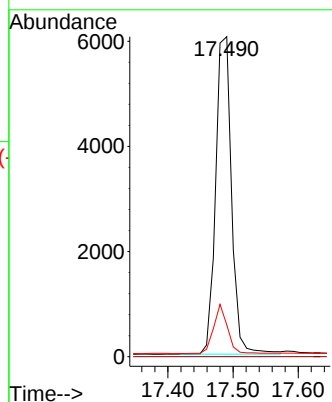
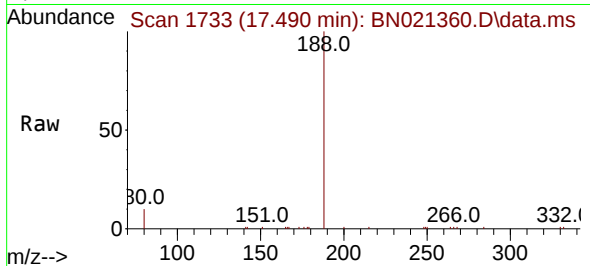




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.490 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

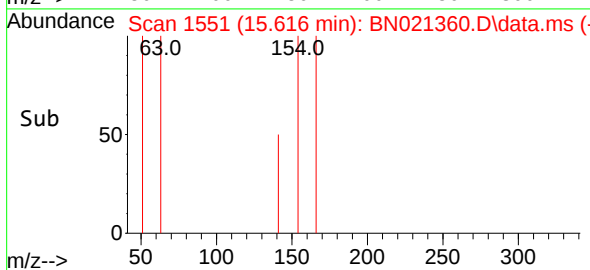
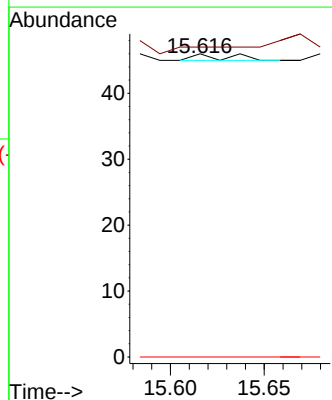
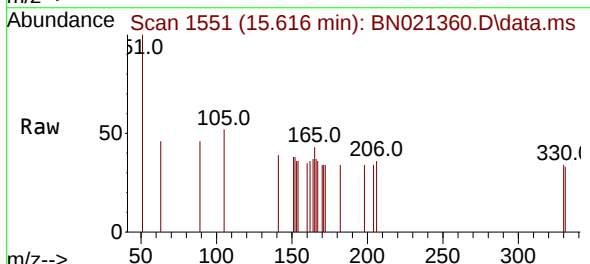
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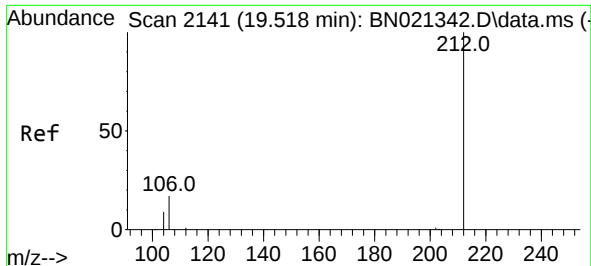
Tgt Ion:188 Resp: 10259
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 9.5 14.3



#20
4,6-Dinitro-2-methylphenol
Concen: 0.074 ng
RT: 15.616 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 102.2 86.6 130.0
77 0.0 0.0 0.0

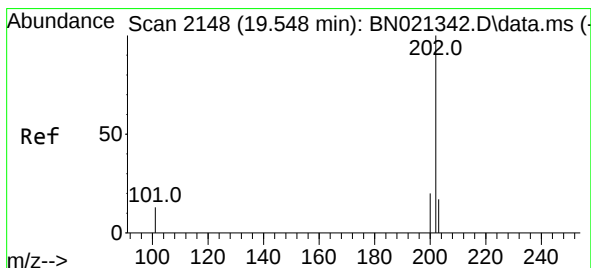
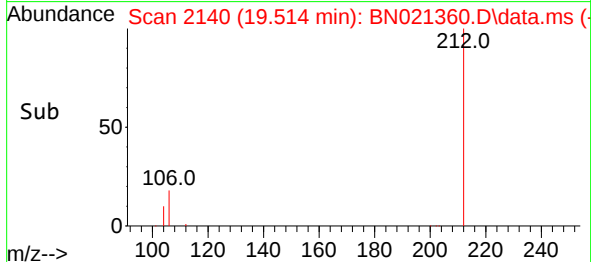
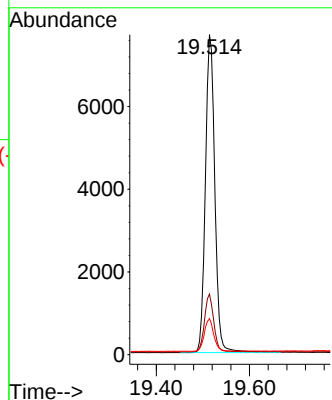
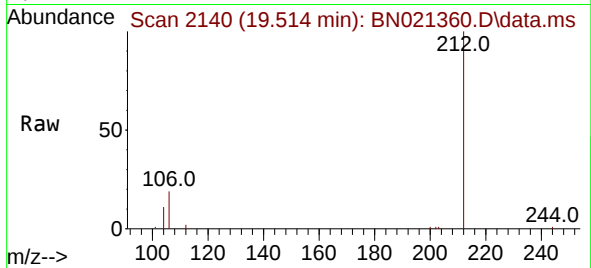




#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.514 min Scan# 2141
Delta R.T. -0.004 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

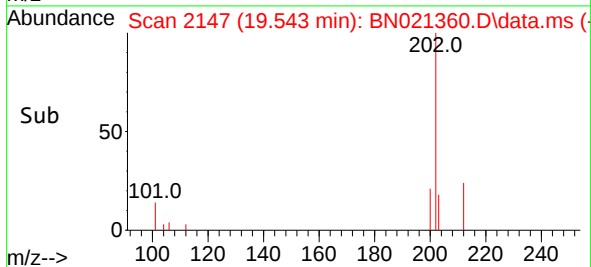
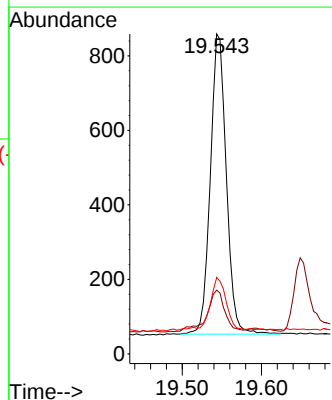
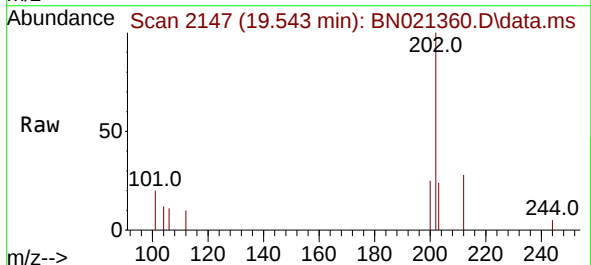
Instrument :
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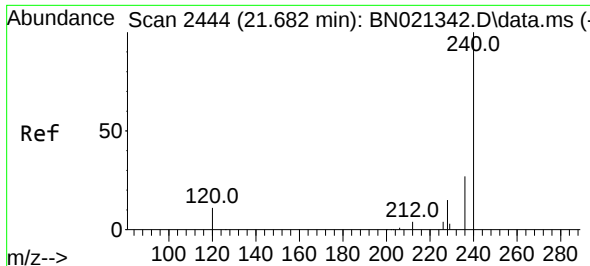
Tgt Ion:212 Resp: 10827
Ion Ratio Lower Upper
212 100
106 17.7 14.2 21.2
104 10.3 7.8 11.6



#28
Fluoranthene
Concen: 0.027 ng
RT: 19.543 min Scan# 2147
Delta R.T. -0.004 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

Tgt Ion:202 Resp: 1126
Ion Ratio Lower Upper
202 100
101 15.9 10.9 16.3
203 17.7 13.8 20.6

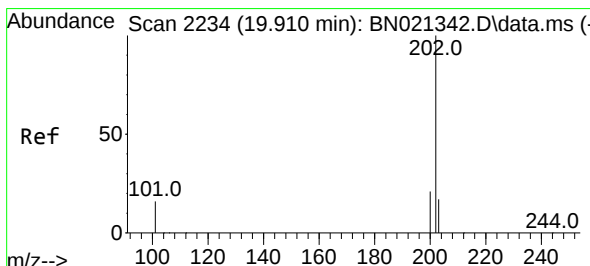
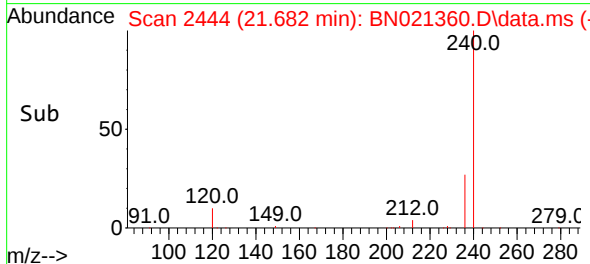
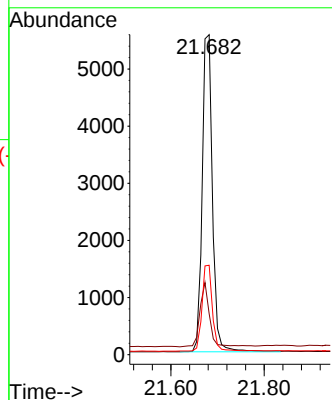
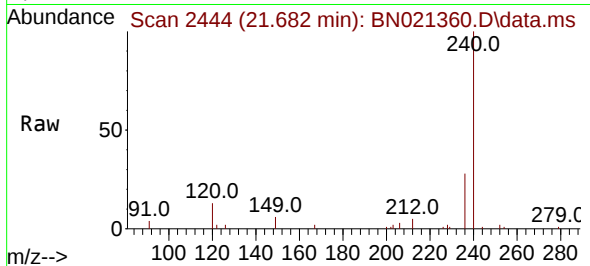




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.682 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

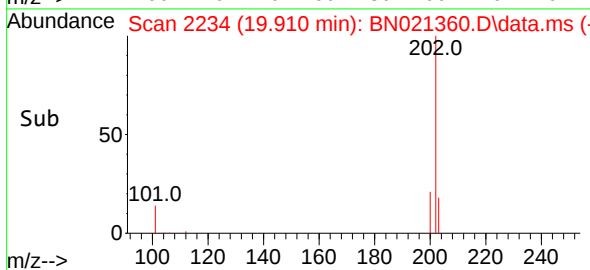
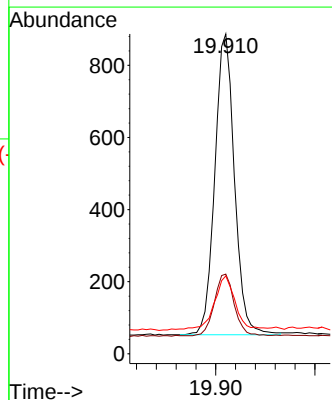
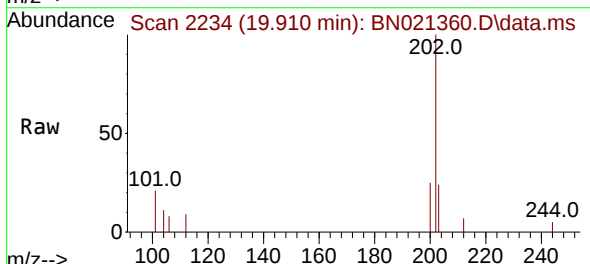
Instrument :
BNA_N
ClientSampleId :
MW179D1-20220816

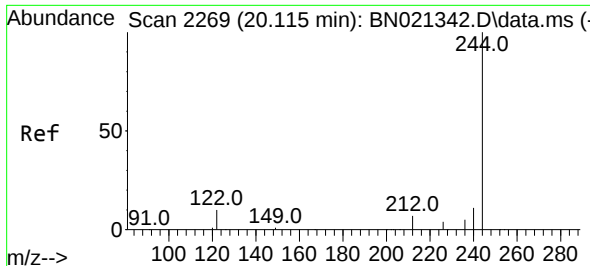
Tgt Ion:240 Resp: 8508
Ion Ratio Lower Upper
240 100
120 12.8 10.2 15.4
236 28.0 22.1 33.1



#30
Pyrene
Concen: 0.027 ng
RT: 19.910 min Scan# 2234
Delta R.T. 0.000 min
Lab File: BN021360.D
Acq: 25 Aug 2022 07:11

Tgt Ion:202 Resp: 1143
Ion Ratio Lower Upper
202 100
200 20.8 13.9 20.9
203 19.9 11.9 17.9#

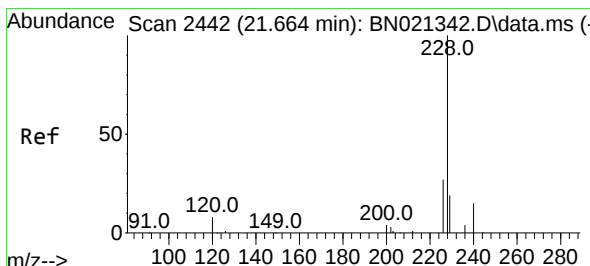
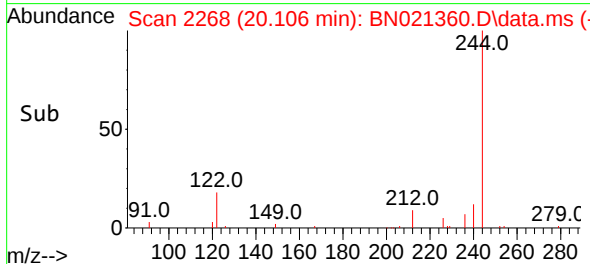
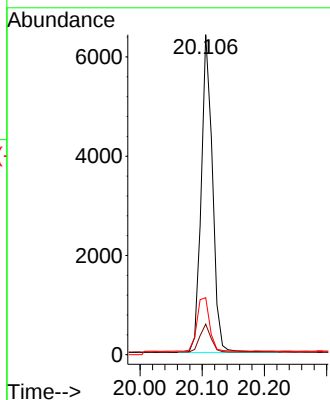
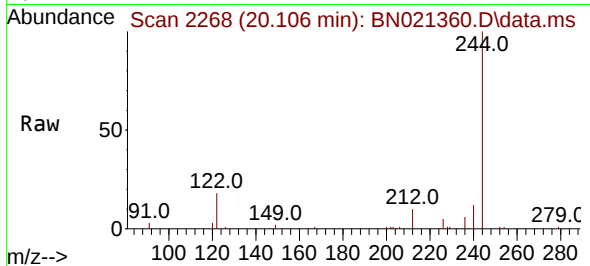




#31
 Terphenyl-d14
 Concen: 0.447 ng
 RT: 20.106 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021360.D
 Acq: 25 Aug 2022 07:11

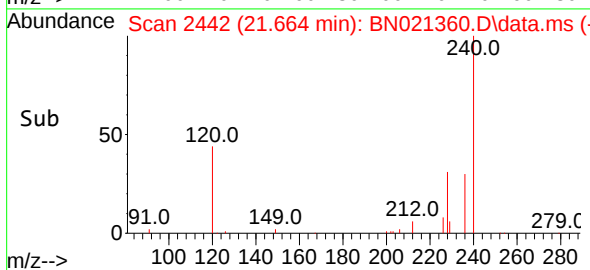
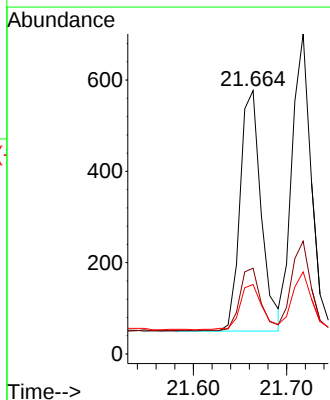
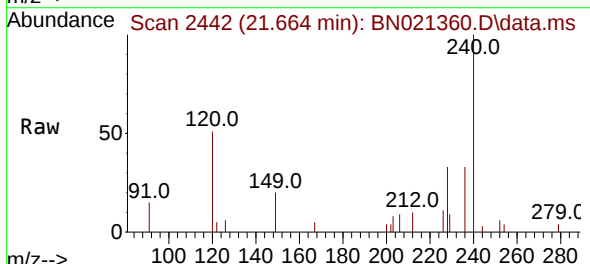
Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20220816

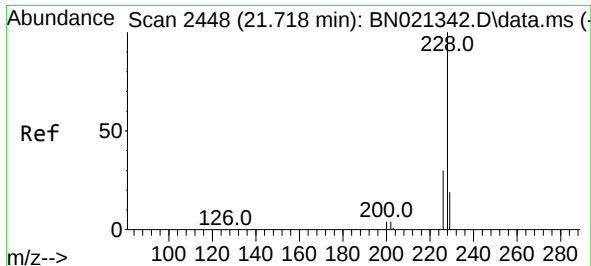
Tgt Ion:244 Resp: 8026
 Ion Ratio Lower Upper
 244 100
 212 9.6 6.5 9.7
 122 17.8 9.1 13.7#



#32
 Benzo(a)anthracene
 Concen: 0.026 ng
 RT: 21.664 min Scan# 2442
 Delta R.T. 0.000 min
 Lab File: BN021360.D
 Acq: 25 Aug 2022 07:11

Tgt Ion:228 Resp: 837
 Ion Ratio Lower Upper
 228 100
 226 32.6 22.0 33.0
 229 26.3 15.9 23.9#





#33

Chrysene

Concen: 0.027 ng

RT: 21.718 min Scan# 2448

Delta R.T. 0.000 min

Lab File: BN021360.D

Acq: 25 Aug 2022 07:11

Instrument :

BNA_N

ClientSampleId :

MW179D1-20220816

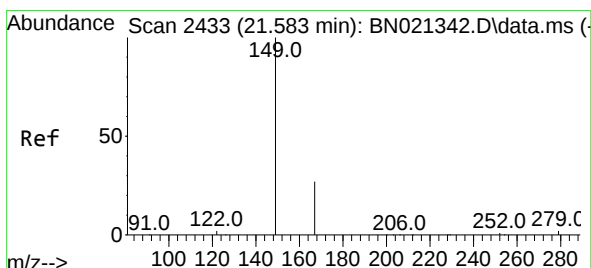
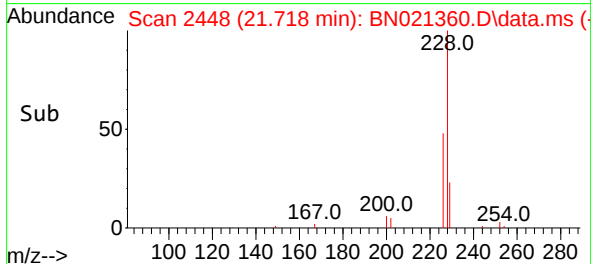
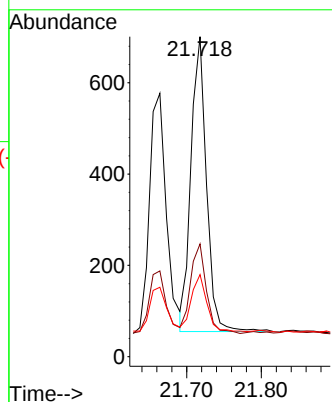
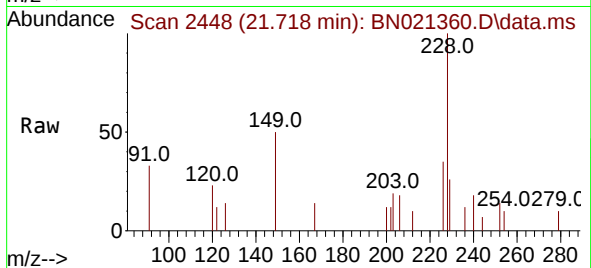
Tgt Ion:228 Resp: 934

Ion Ratio Lower Upper

228 100

226 35.2 24.2 36.2

229 25.7 15.9 23.9#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.057 ng

RT: 21.574 min Scan# 2432

Delta R.T. -0.009 min

Lab File: BN021360.D

Acq: 25 Aug 2022 07:11

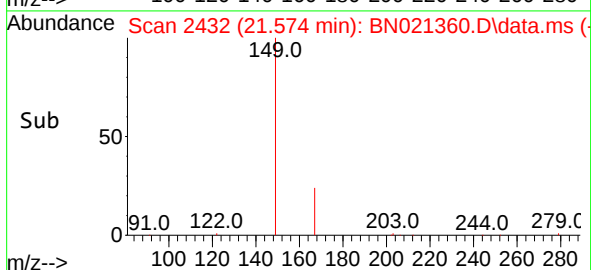
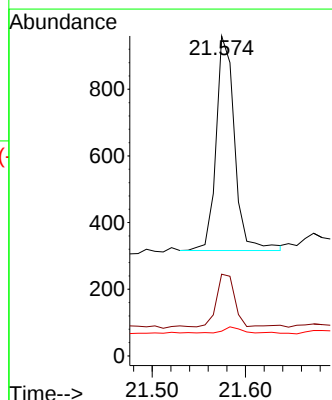
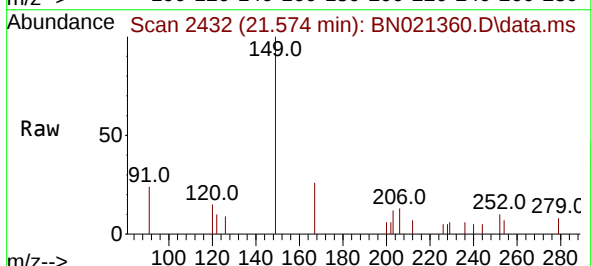
Tgt Ion:149 Resp: 887

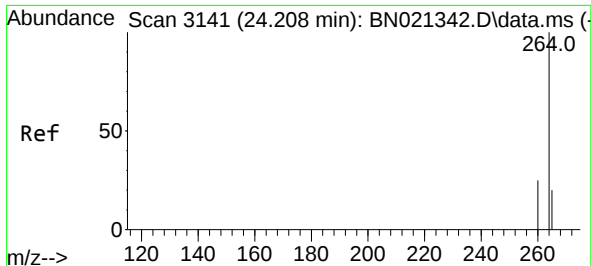
Ion Ratio Lower Upper

149 100

167 24.9 21.4 32.0

279 3.0 2.2 3.2

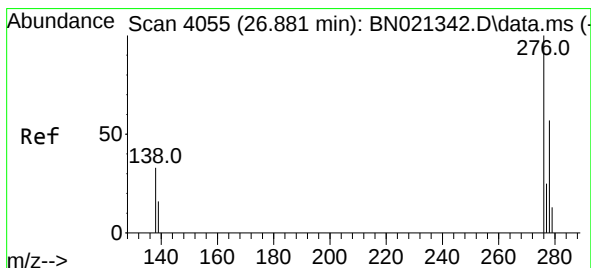
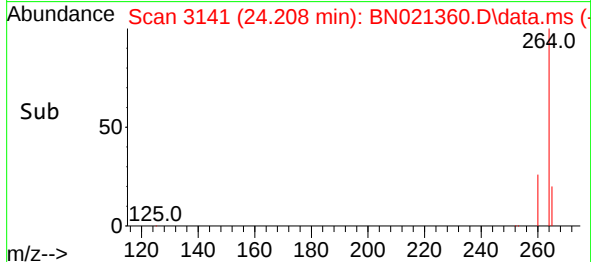
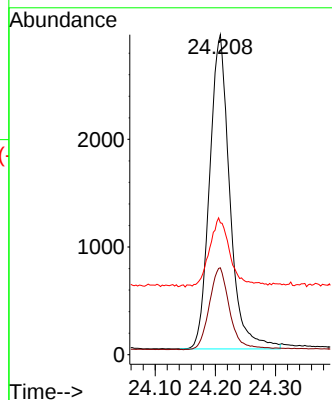
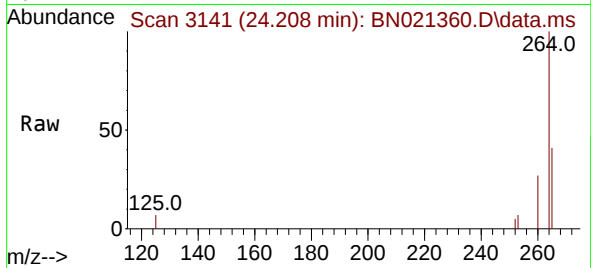




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.208 min Scan# 3141
 Delta R.T. 0.000 min
 Lab File: BN021360.D
 Acq: 25 Aug 2022 07:11

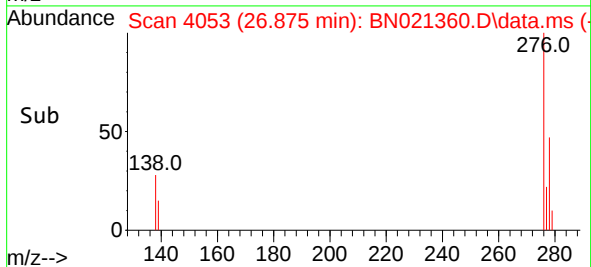
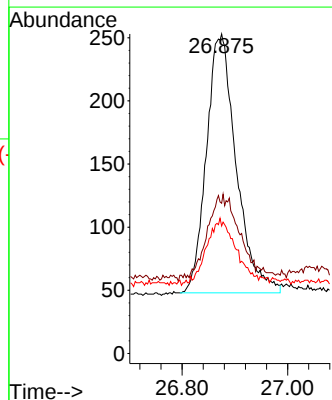
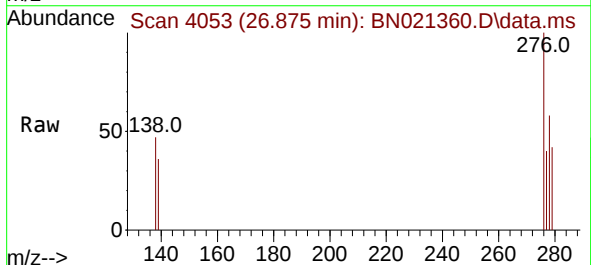
Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20220816

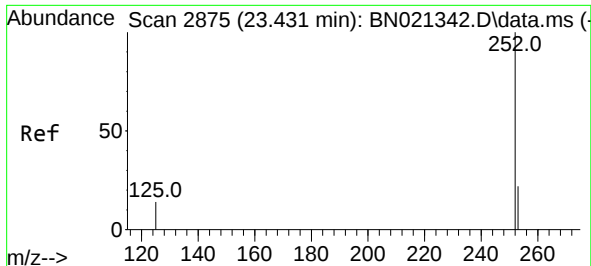
Tgt Ion:	264	Resp:	6832
Ion Ratio	Lower	Upper	
264	100		
260	27.2	21.0	31.6
265	41.2	32.2	48.2



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.023 ng
 RT: 26.875 min Scan# 4053
 Delta R.T. -0.006 min
 Lab File: BN021360.D
 Acq: 25 Aug 2022 07:11

Tgt Ion:	276	Resp:	804
Ion Ratio	Lower	Upper	
276	100		
138	15.3	27.4	41.2#
277	25.9	19.9	29.9





#37

Benzo(b)fluoranthene

Concen: 0.032 ng

RT: 23.428 min Scan# 2874

Delta R.T. -0.003 min

Lab File: BN021360.D

Acq: 25 Aug 2022 07:11

Instrument :

BNA_N

ClientSampleId :

MW179D1-20220816

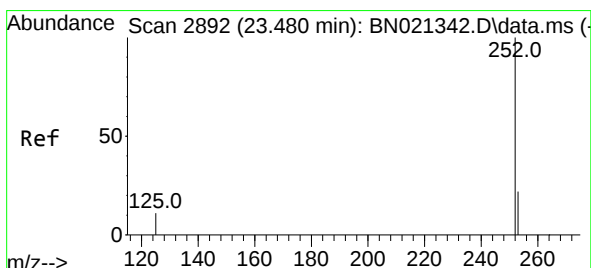
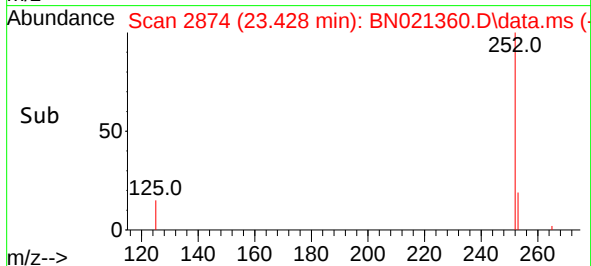
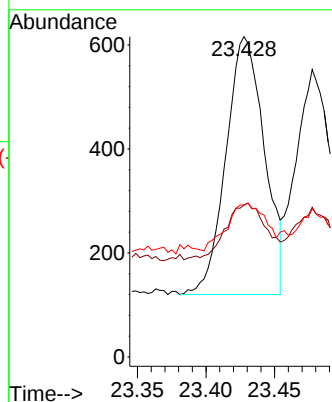
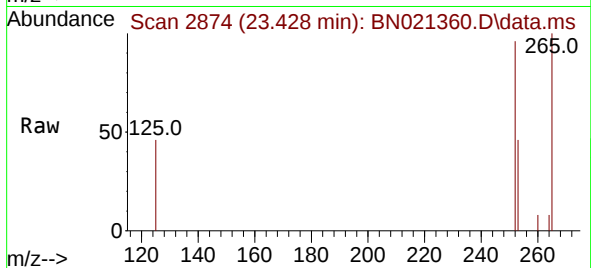
Tgt Ion:252 Resp: 969

Ion Ratio Lower Upper

252 100

253 47.4 19.8 29.6#

125 47.6 13.7 20.5#



#38

Benzo(k)fluoranthene

Concen: 0.025 ng

RT: 23.477 min Scan# 2891

Delta R.T. -0.003 min

Lab File: BN021360.D

Acq: 25 Aug 2022 07:11

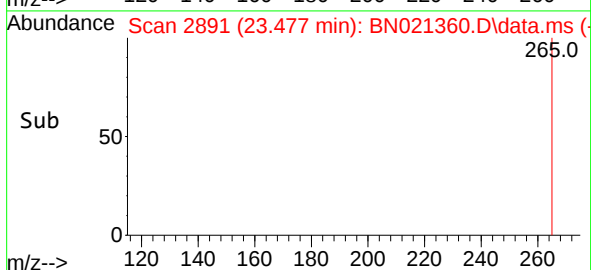
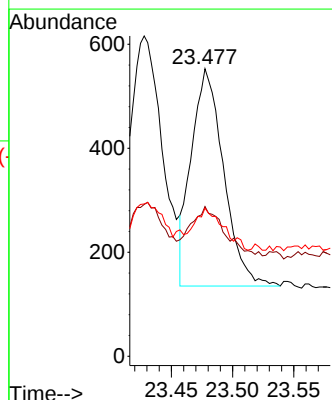
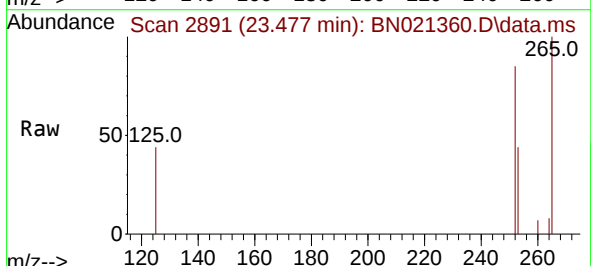
Tgt Ion:252 Resp: 767

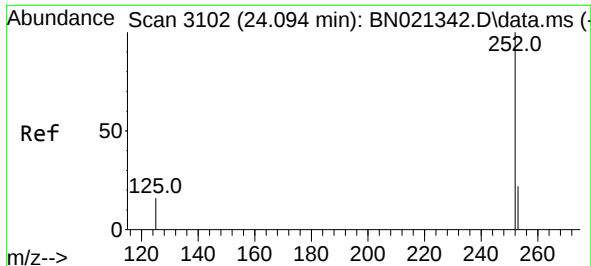
Ion Ratio Lower Upper

252 100

253 52.1 19.5 29.3#

125 51.5 12.3 18.5#





#39

Benzo(a)pyrene

Concen: 0.021 ng

RT: 24.091 min Scan# 3101

Delta R.T. -0.003 min

Lab File: BN021360.D

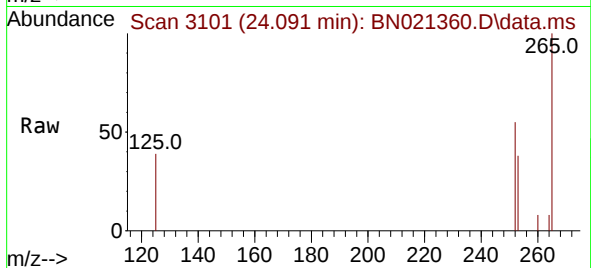
Acq: 25 Aug 2022 07:11

Instrument :

BNA_N

ClientSampleId :

MW179D1-20220816



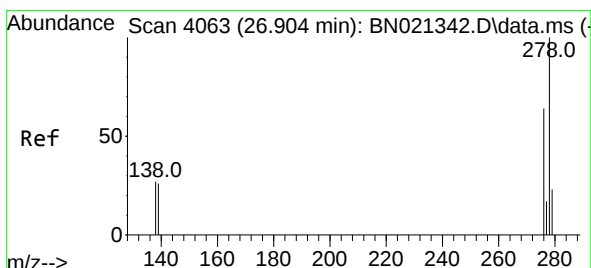
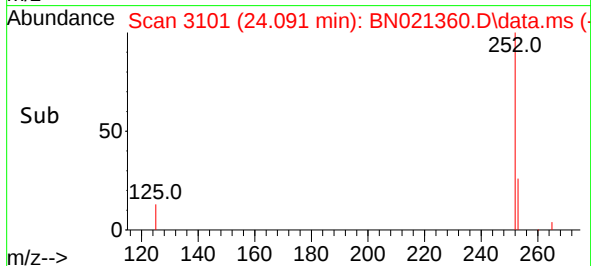
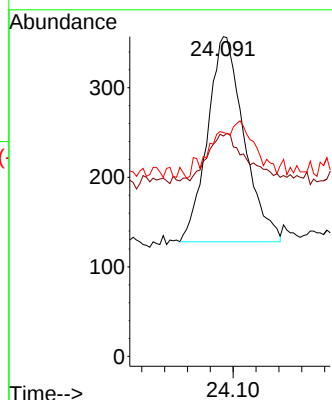
Tgt Ion:252 Resp: 508

Ion Ratio Lower Upper

252 100

253 68.9 21.1 31.7#

125 70.0 16.6 25.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.021 ng

RT: 26.901 min Scan# 4062

Delta R.T. -0.003 min

Lab File: BN021360.D

Acq: 25 Aug 2022 07:11

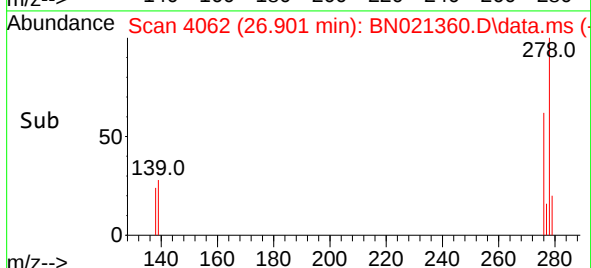
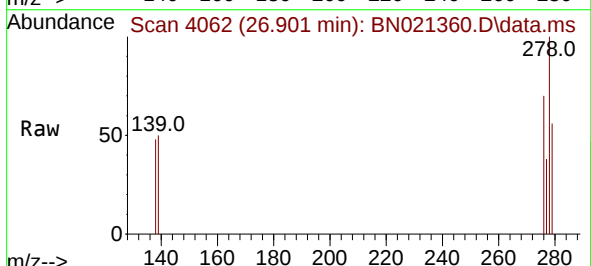
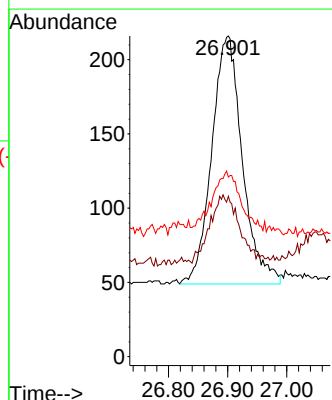
Tgt Ion:278 Resp: 601

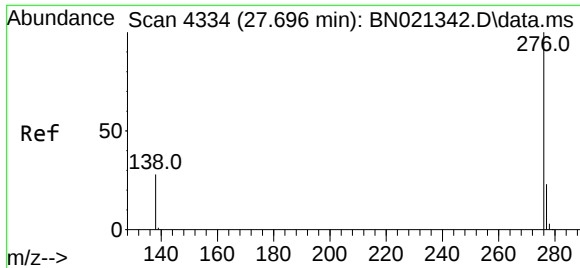
Ion Ratio Lower Upper

278 100

139 50.0 21.8 32.6#

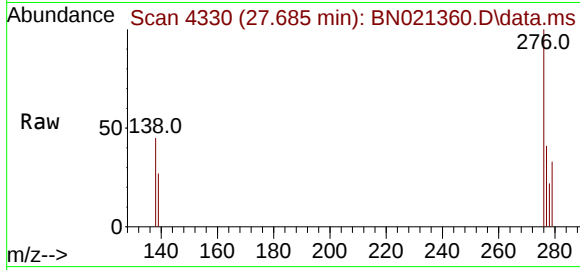
279 56.0 20.4 30.6#





#41
 Benzo(g,h,i)perylene
 Concen: 0.026 ng
 RT: 27.685 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BN021360.D
 Acq: 25 Aug 2022 07:11

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20220816



Tgt Ion:276 Resp: 783
 Ion Ratio Lower Upper
 276 100
 277 40.8 19.7 29.5#
 138 45.1 23.7 35.5#

