

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
 Data File : BN021348.D
 Acq On : 24 Aug 2022 22:21
 Operator : CG/JU
 Sample : PB147117BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB147117BL

Quant Time: Aug 25 07:14:16 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)

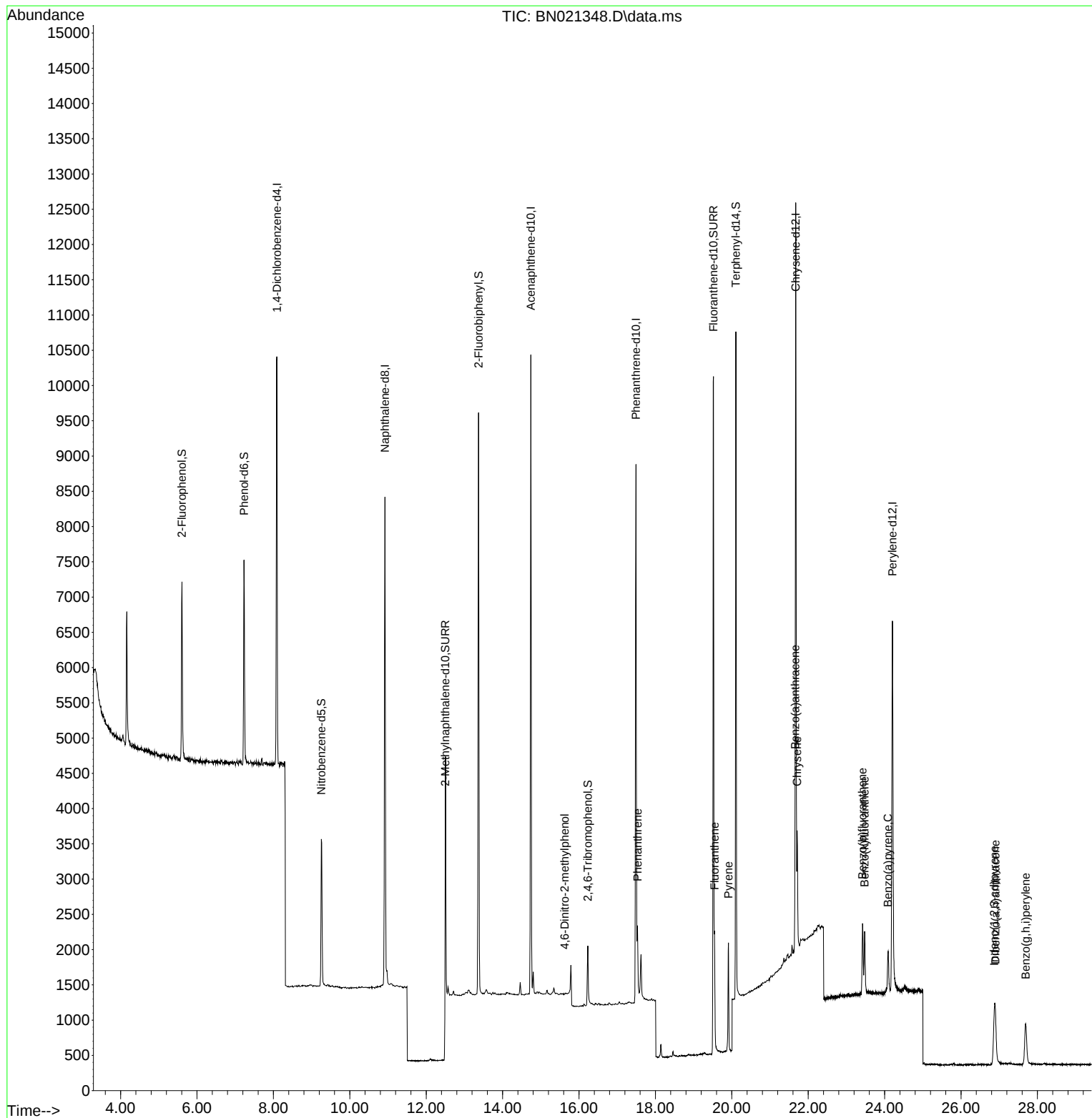
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	3060	0.400	ng	0.00
7) Naphthalene-d8	10.919	136	9201	0.400	ng	0.00
13) Acenaphthene-d10	14.739	164	4999	0.400	ng	0.00
19) Phenanthrene-d10	17.490	188	11186	0.400	ng	0.00
29) Chrysene-d12	21.673	240	9500	0.400	ng	# 0.00
35) Perylene-d12	24.202	264	8323	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	2287	0.276	ng	0.00
5) Phenol-d6	7.231	99	2919	0.281	ng	0.00
8) Nitrobenzene-d5	9.254	82	1950	0.280	ng	0.00
11) 2-Methylnaphthalene-d10	12.501	152	5130	0.330	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	530	0.231	ng	0.00
15) 2-Fluorobiphenyl	13.371	172	7189	0.322	ng	0.00
27) Fluoranthene-d10	19.518	212	10679	0.320	ng	0.00
31) Terphenyl-d14	20.106	244	8149	0.406	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.626	198	6	0.408	ng	94
25) Phenanthrene	17.531	178	994	0.024	ng	97
28) Fluoranthene	19.548	202	1374	0.031	ng	97
30) Pyrene	19.910	202	1546	0.032	ng	97
32) Benzo(a)anthracene	21.655	228	1161	0.032	ng	91
33) Chrysene	21.709	228	1441	0.037	ng	92
36) Indeno(1,2,3-cd)pyrene	26.869	276	1438	0.034	ng	# 84
37) Benzo(b)fluoranthene	23.422	252	1451	0.040	ng	# 62
38) Benzo(k)fluoranthene	23.477	252	1296	0.034	ng	# 54
39) Benzo(a)pyrene	24.088	252	992	0.033	ng	# 41
40) Dibenzo(a,h)anthracene	26.898	278	1071	0.031	ng	# 70
41) Benzo(g,h,i)perylene	27.690	276	1434	0.039	ng	# 79

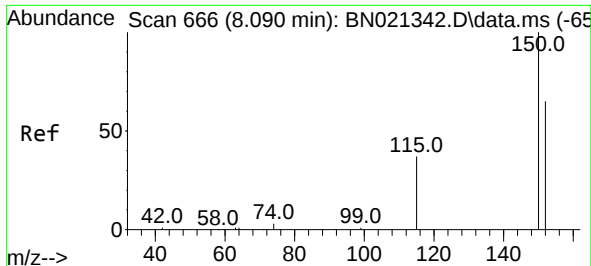
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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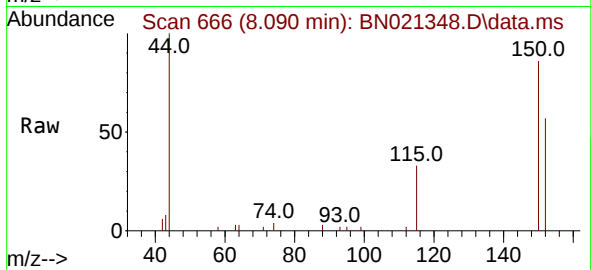
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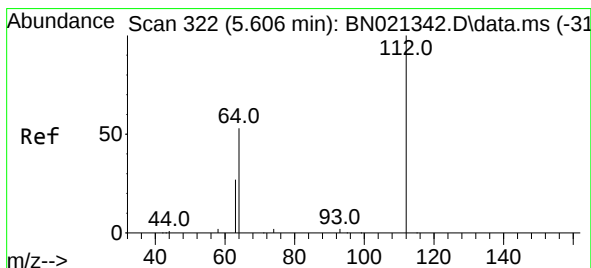
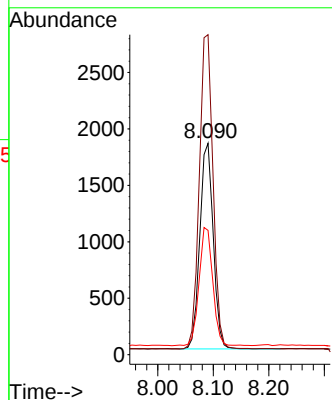
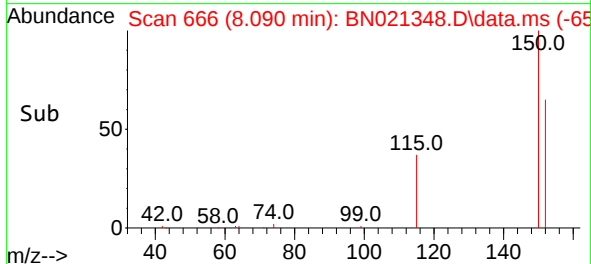


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.090 min Scan# 666
Delta R.T. 0.000 min
Lab File: BN021348.D
Acq: 24 Aug 2022 22:21

Instrument :
BNA_N
ClientSampleId :
PB147117BL

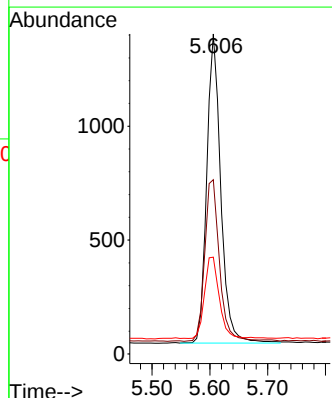
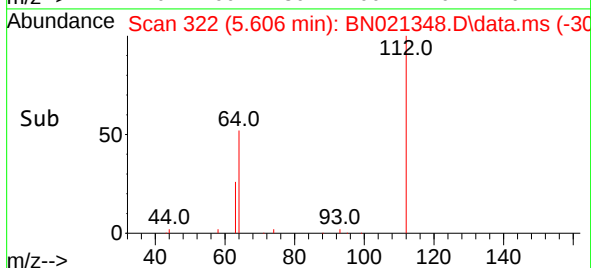
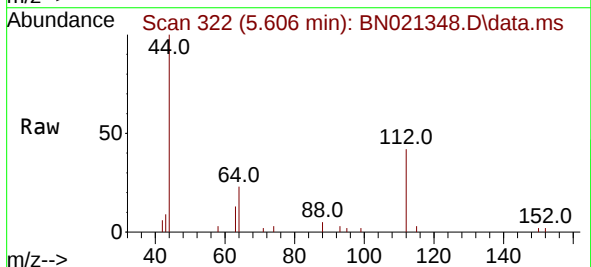


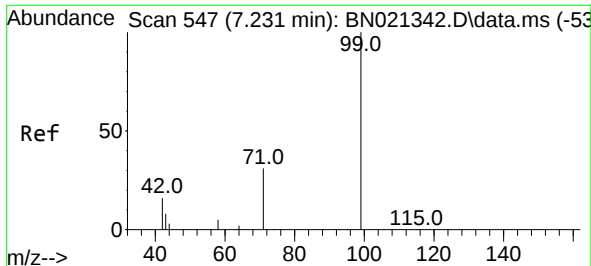
Tgt Ion:152 Resp: 3060
Ion Ratio Lower Upper
152 100
150 151.4 121.4 182.0
115 58.8 48.6 72.8



#4
2-Fluorophenol
Concen: 0.276 ng
RT: 5.606 min Scan# 322
Delta R.T. 0.000 min
Lab File: BN021348.D
Acq: 24 Aug 2022 22:21

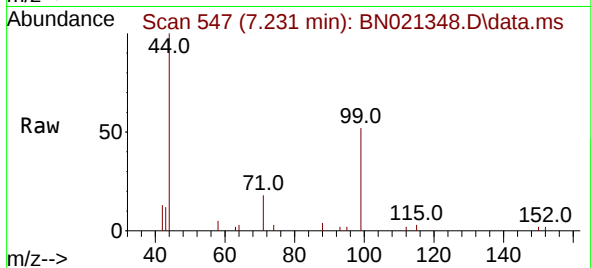
Tgt Ion:112 Resp: 2287
Ion Ratio Lower Upper
112 100
64 54.7 43.5 65.3
63 28.0 22.6 34.0



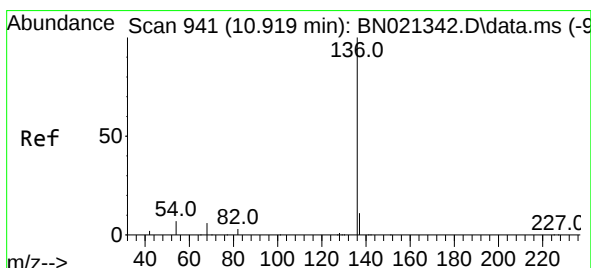
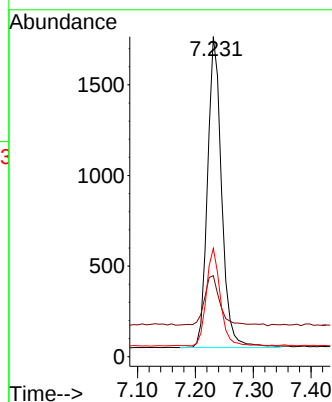
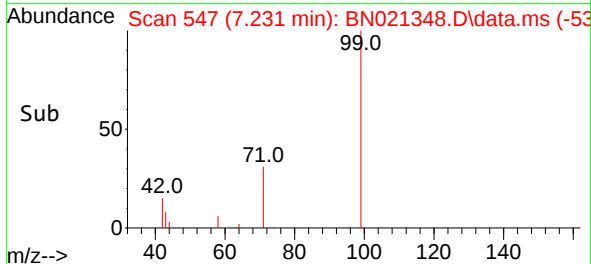


#5
Phenol-d6
Concen: 0.281 ng
RT: 7.231 min Scan# 547
Delta R.T. 0.000 min
Lab File: BN021348.D
Acq: 24 Aug 2022 22:21

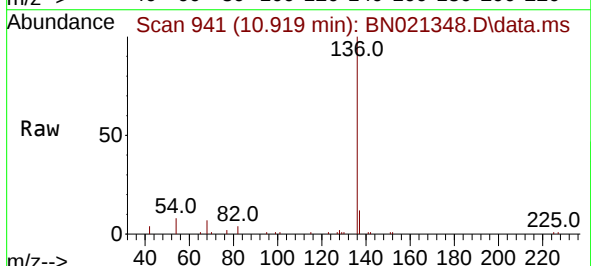
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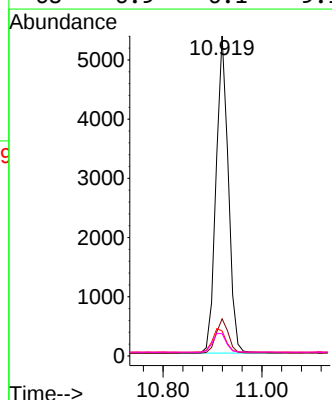
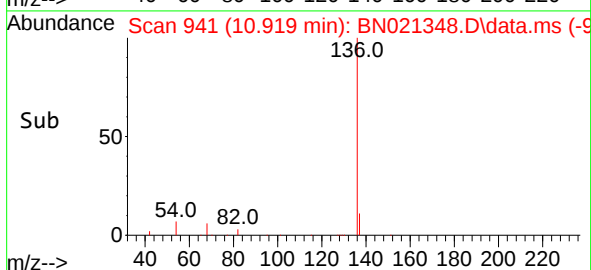
Tgt Ion:	99	Resp:	2919
Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.5	23.3
71	30.9	24.2	36.2

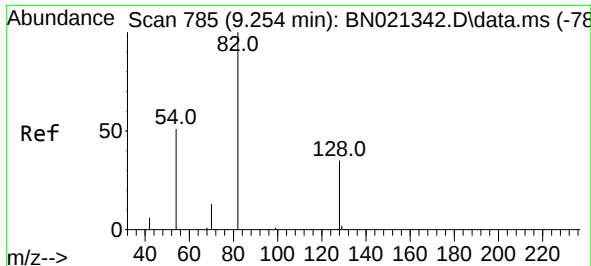


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.919 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN021348.D
Acq: 24 Aug 2022 22:21



Tgt Ion:	136	Resp:	9201
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	7.8	6.9	10.3
68	6.9	6.1	9.1

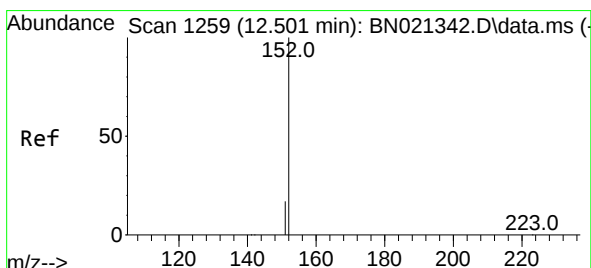
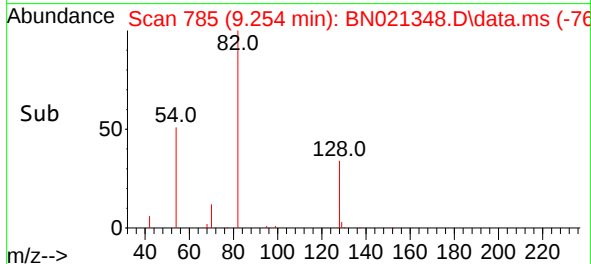
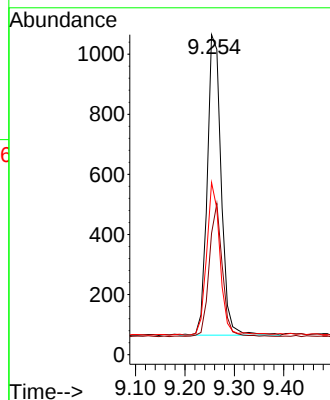
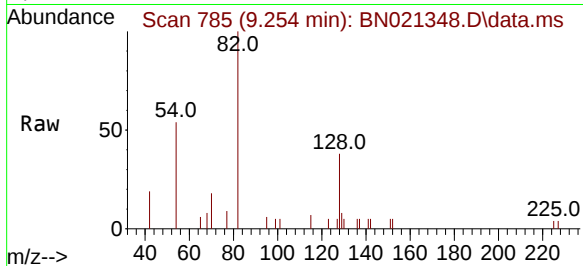




#8
 Nitrobenzene-d5
 Concen: 0.280 ng
 RT: 9.254 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: BN021348.D
 Acq: 24 Aug 2022 22:21

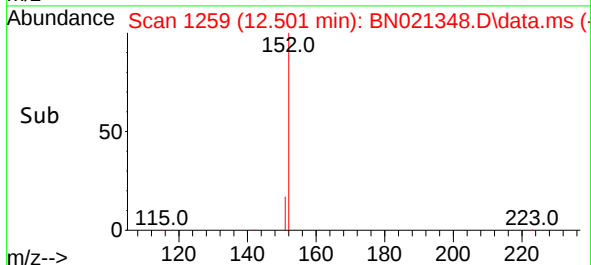
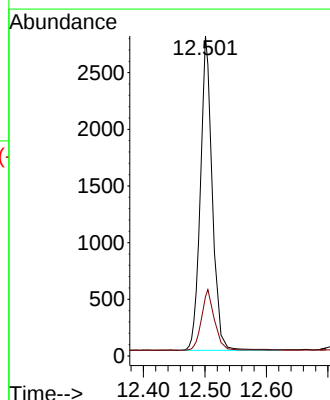
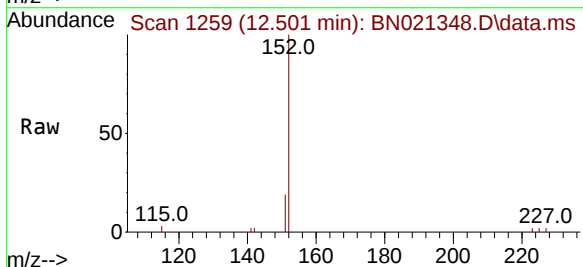
Instrument :
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 ClientSampleId :
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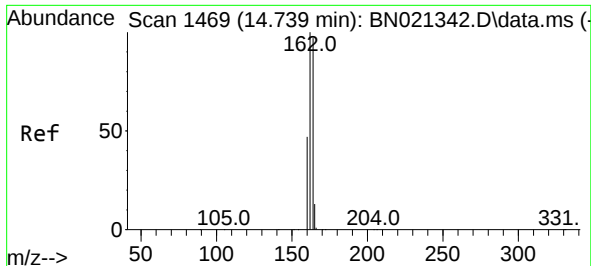
Tgt Ion: 82 Resp: 1950
 Ion Ratio Lower Upper
 82 100
 128 37.9 30.9 46.3
 54 53.8 42.7 64.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.330 ng
 RT: 12.501 min Scan# 1259
 Delta R.T. 0.000 min
 Lab File: BN021348.D
 Acq: 24 Aug 2022 22:21

Tgt Ion: 152 Resp: 5130
 Ion Ratio Lower Upper
 152 100
 151 20.4 14.5 21.7

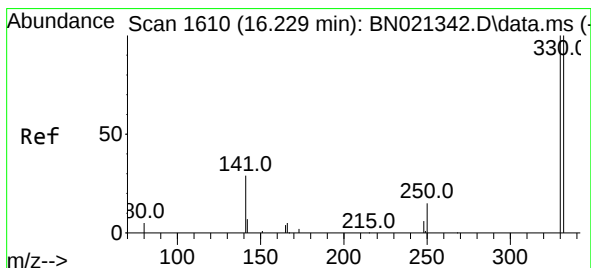
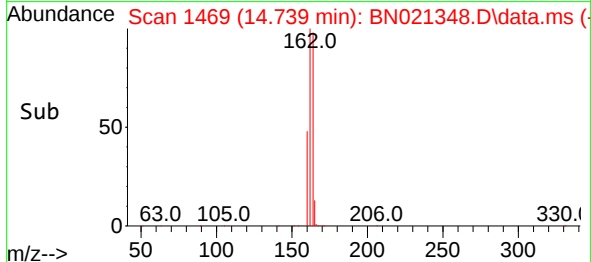
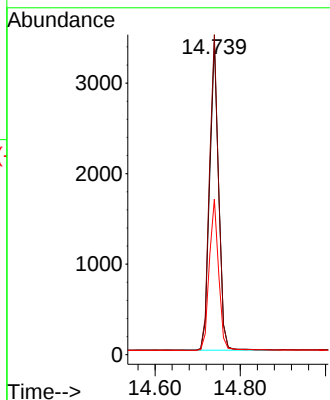
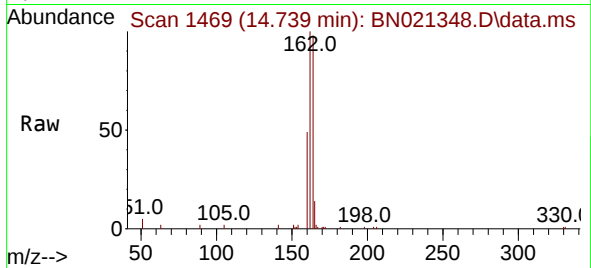




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.739 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BN021348.D
Acq: 24 Aug 2022 22:21

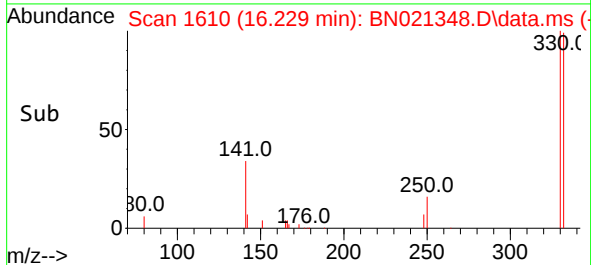
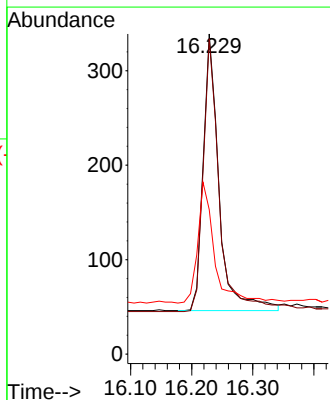
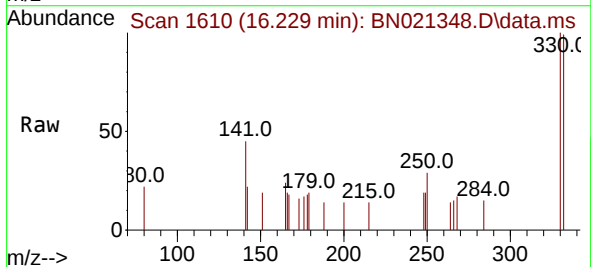
Instrument :
BNA_N
ClientSampleId :
PB147117BL

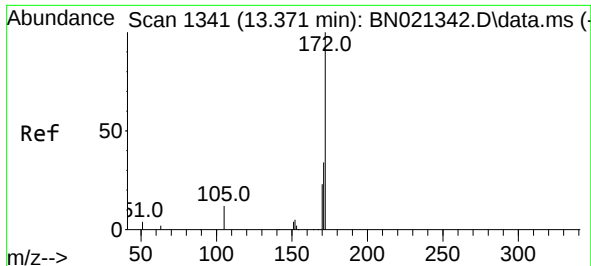
Tgt Ion:	164	Resp:	4999
Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.2	123.4
160	49.8	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.231 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN021348.D
Acq: 24 Aug 2022 22:21

Tgt Ion:	330	Resp:	530
Ion	Ratio	Lower	Upper
330	100		
332	98.5	79.3	118.9
141	46.6	37.1	55.7

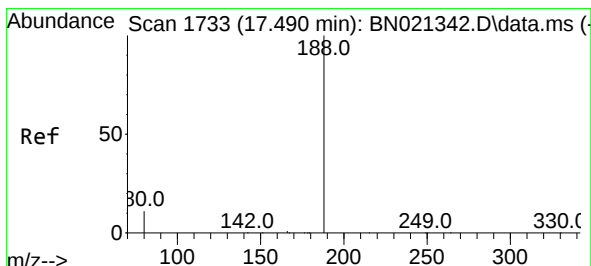
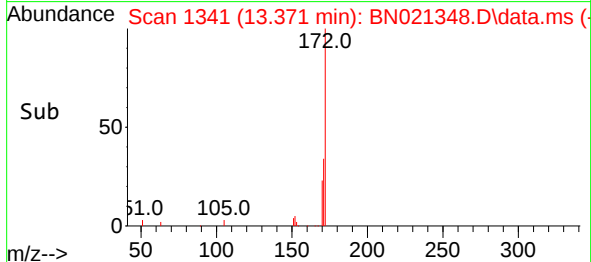
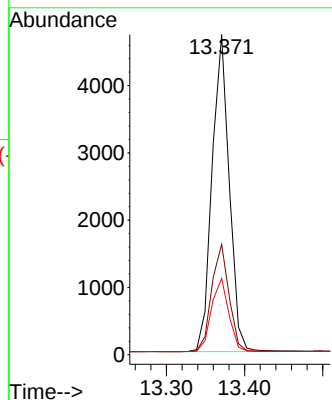
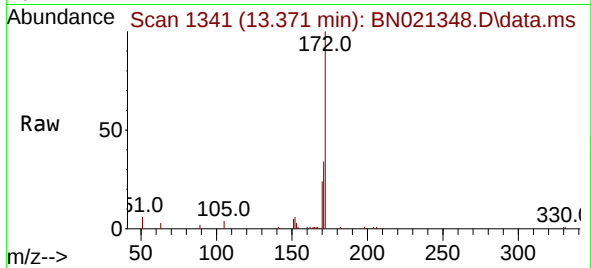




#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 13.371 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BN021348.D
Acq: 24 Aug 2022 22:21

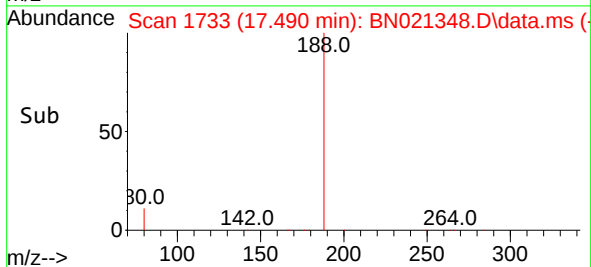
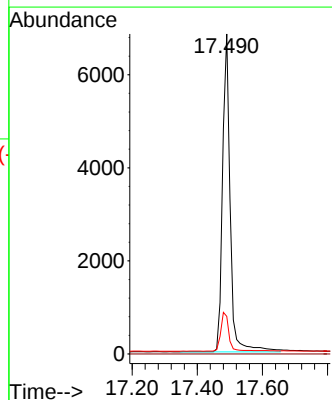
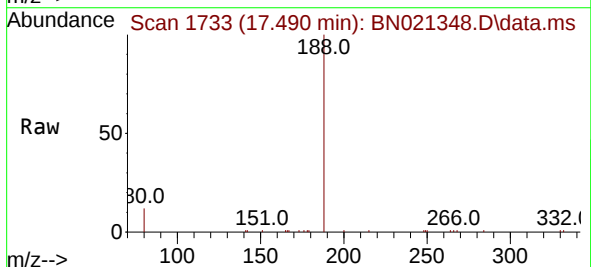
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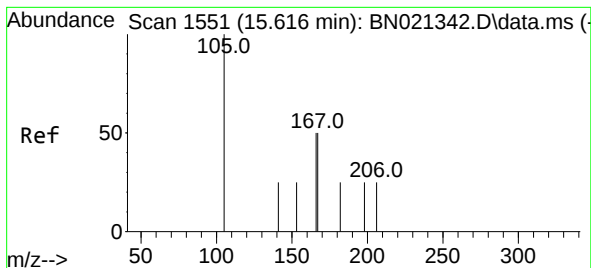
Tgt Ion:172 Resp: 7189
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.8 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.490 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN021348.D
Acq: 24 Aug 2022 22:21

Tgt Ion:188 Resp: 11186
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 9.5 14.3

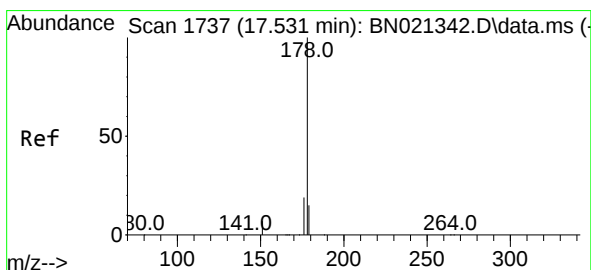
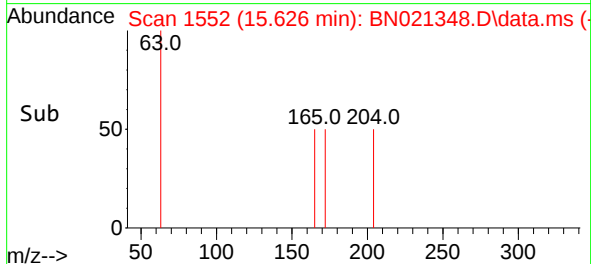
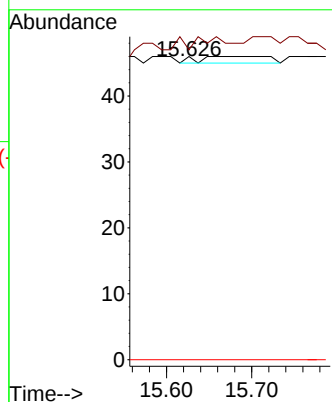
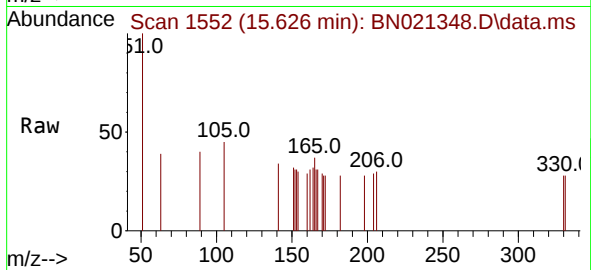




#20
4,6-Dinitro-2-methylphenol
Concen: 0.408 ng
RT: 15.626 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN021348.D
Acq: 24 Aug 2022 22:21

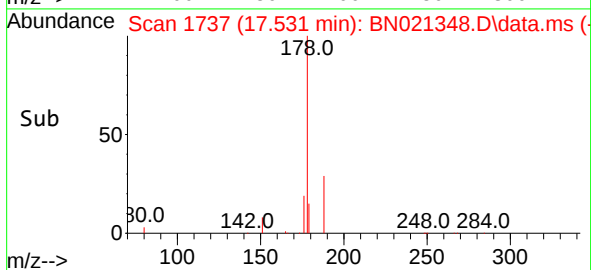
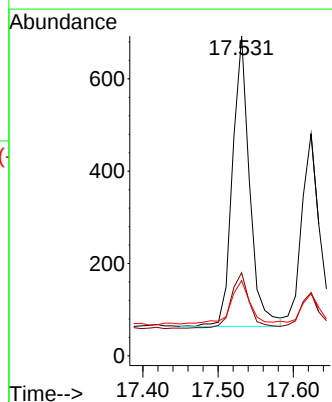
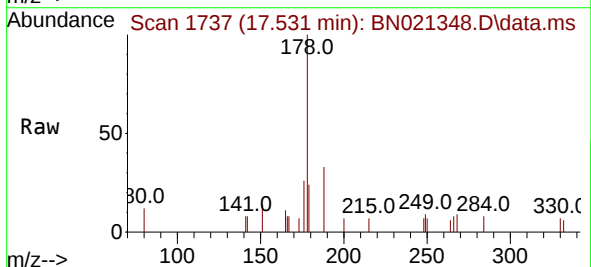
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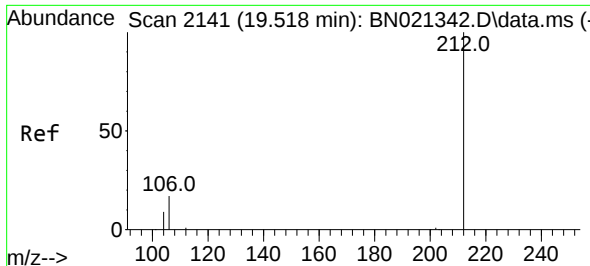
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
182 102.2 86.6 130.0
77 0.0 0.0 0.0



#25
Phenanthrene
Concen: 0.024 ng
RT: 17.531 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN021348.D
Acq: 24 Aug 2022 22:21

Tgt Ion:178 Resp: 994
Ion Ratio Lower Upper
178 100
176 20.8 15.4 23.2
179 16.8 12.2 18.4

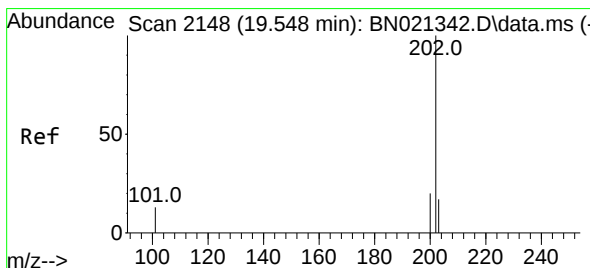
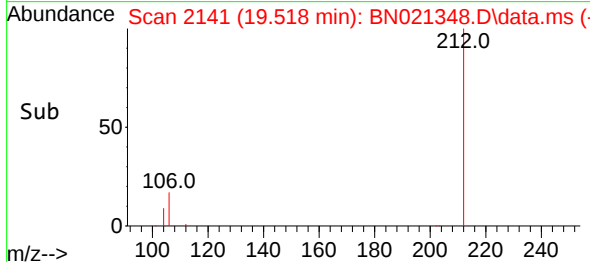
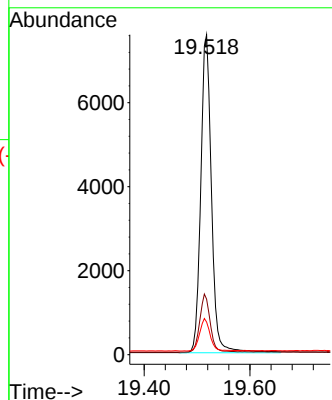
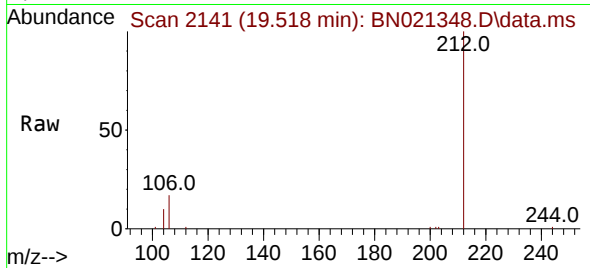




#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.518 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN021348.D
Acq: 24 Aug 2022 22:21

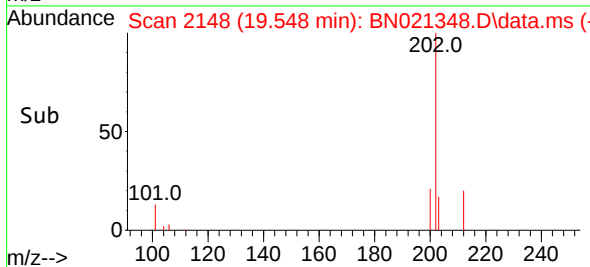
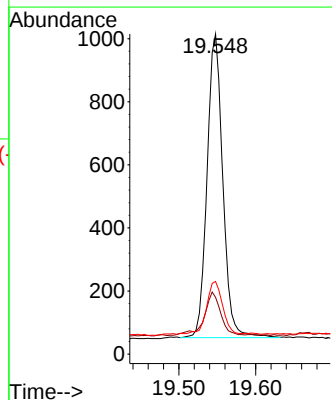
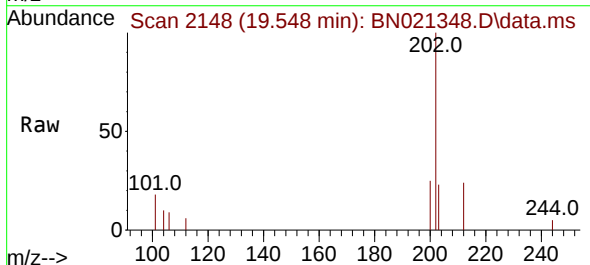
Instrument :
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ClientSampleId :
PB147117BL

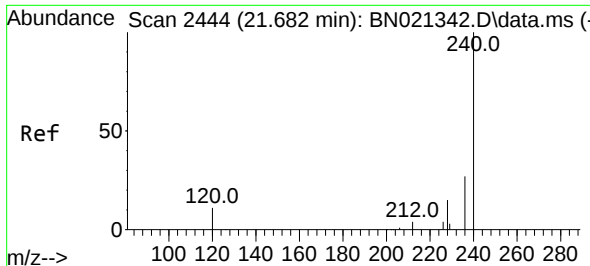
Tgt Ion:212 Resp: 10679
Ion Ratio Lower Upper
212 100
106 17.7 14.2 21.2
104 10.0 7.8 11.6



#28
Fluoranthene
Concen: 0.031 ng
RT: 19.548 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BN021348.D
Acq: 24 Aug 2022 22:21

Tgt Ion:202 Resp: 1374
Ion Ratio Lower Upper
202 100
101 14.4 10.9 16.3
203 19.1 13.8 20.6

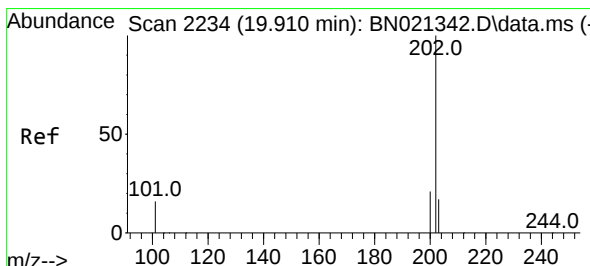
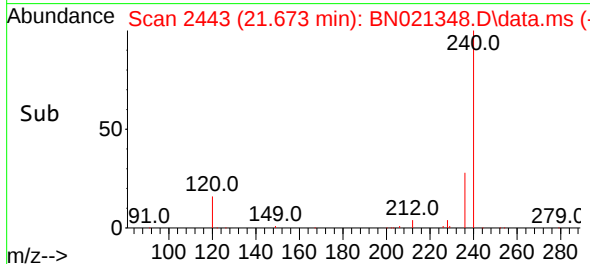
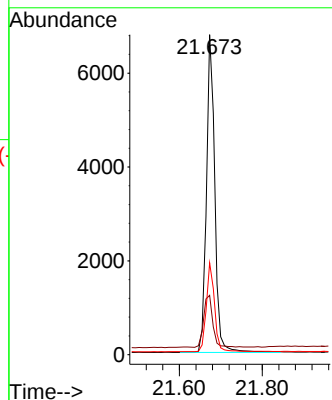
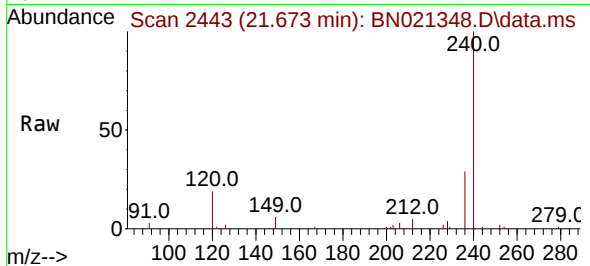




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2444
Delta R.T. -0.009 min
Lab File: BN021348.D
Acq: 24 Aug 2022 22:21

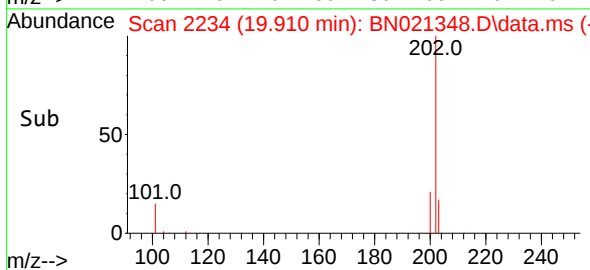
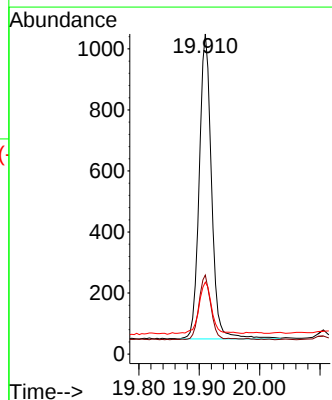
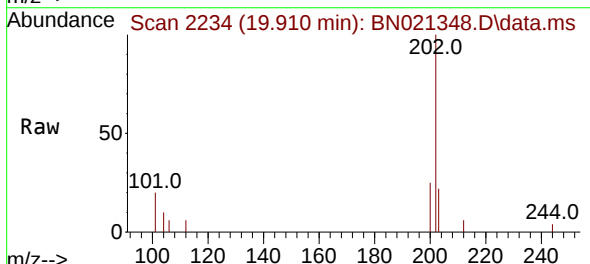
Instrument :
BNA_N
ClientSampleId :
PB147117BL

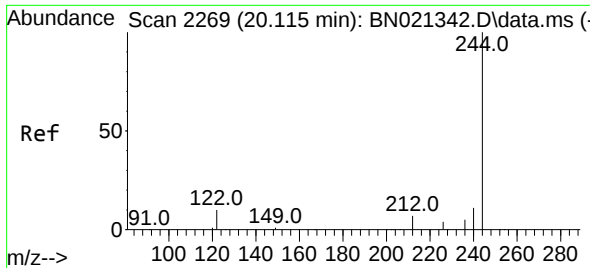
Tgt Ion:240 Resp: 9500
Ion Ratio Lower Upper
240 100
120 18.5 10.2 15.4#
236 28.7 22.1 33.1



#30
Pyrene
Concen: 0.032 ng
RT: 19.910 min Scan# 2234
Delta R.T. 0.000 min
Lab File: BN021348.D
Acq: 24 Aug 2022 22:21

Tgt Ion:202 Resp: 1546
Ion Ratio Lower Upper
202 100
200 18.8 13.9 20.9
203 15.6 11.9 17.9

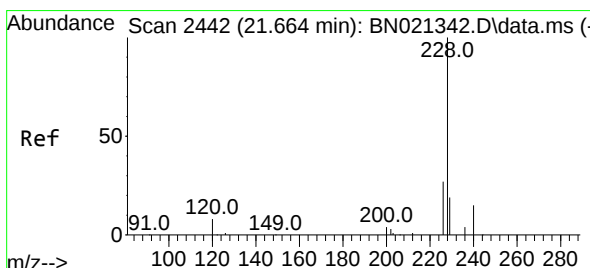
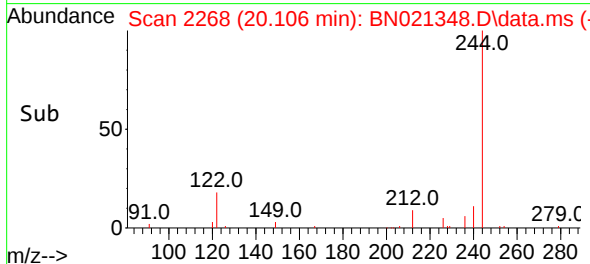
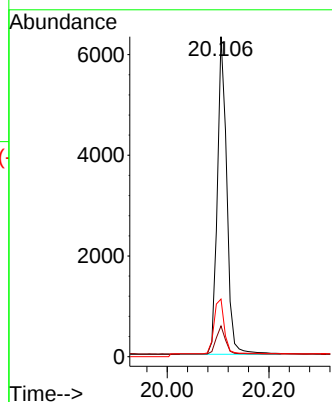
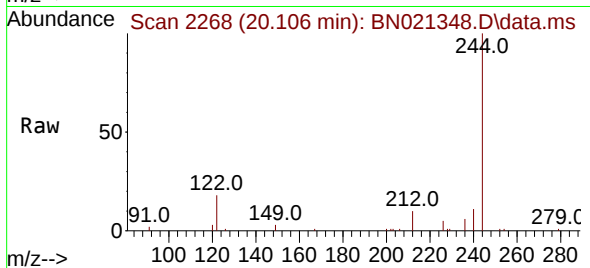




#31
 Terphenyl-d14
 Concen: 0.406 ng
 RT: 20.106 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021348.D
 Acq: 24 Aug 2022 22:21

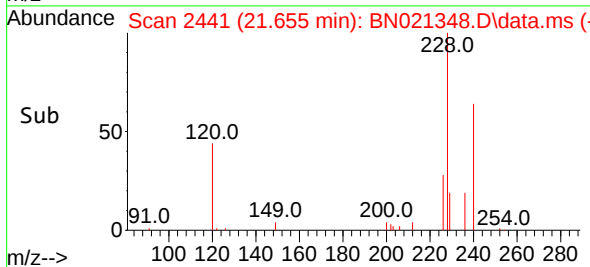
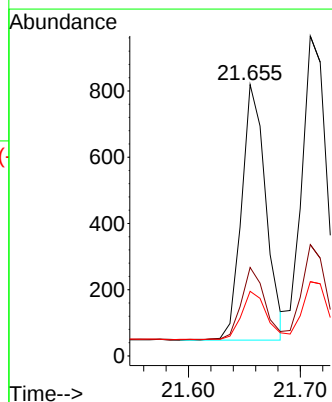
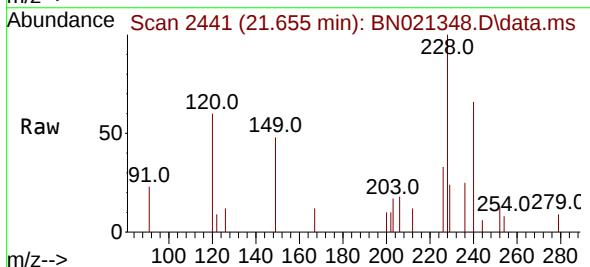
Instrument :
 BNA_N
 ClientSampleId :
 PB147117BL

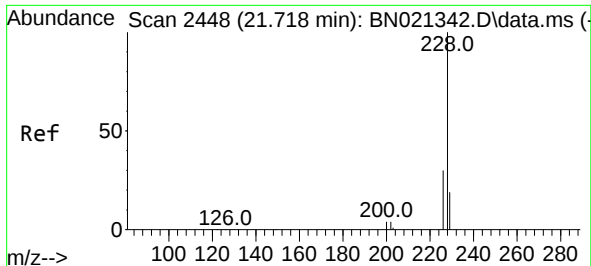
Tgt Ion:244 Resp: 8149
 Ion Ratio Lower Upper
 244 100
 212 9.6 6.5 9.7
 122 18.0 9.1 13.7#



#32
 Benzo(a)anthracene
 Concen: 0.032 ng
 RT: 21.655 min Scan# 2441
 Delta R.T. -0.009 min
 Lab File: BN021348.D
 Acq: 24 Aug 2022 22:21

Tgt Ion:228 Resp: 1161
 Ion Ratio Lower Upper
 228 100
 226 32.6 22.0 33.0
 229 23.8 15.9 23.9

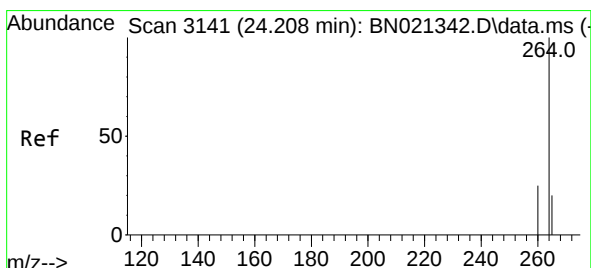
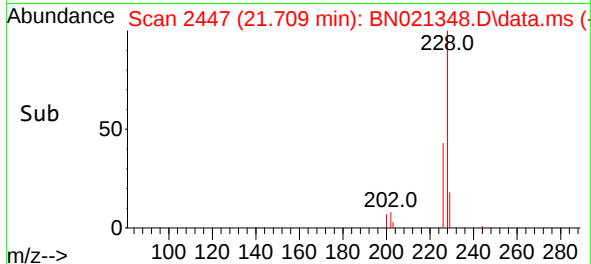
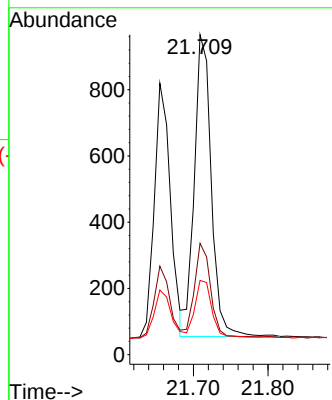
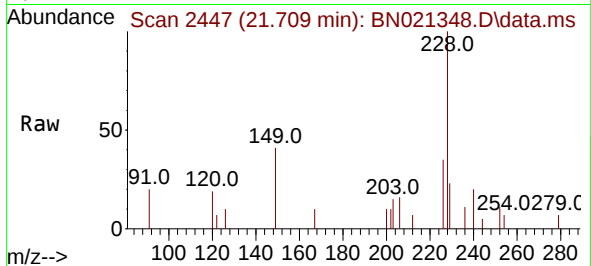




#33
Chrysene
Concen: 0.037 ng
RT: 21.709 min Scan# 2448
Delta R.T. -0.009 min
Lab File: BN021348.D
Acq: 24 Aug 2022 22:21

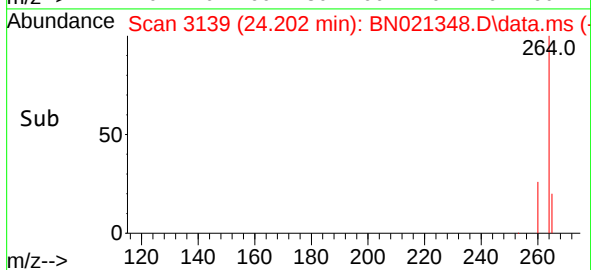
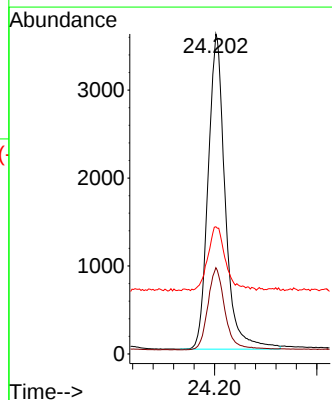
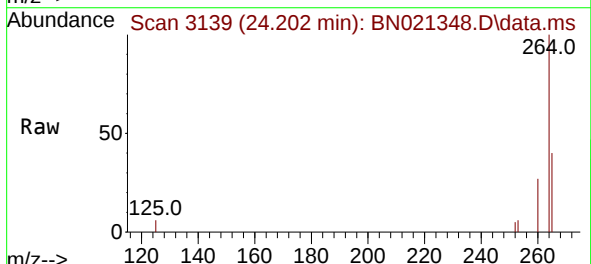
Instrument :
BNA_N
ClientSampleId :
PB147117BL

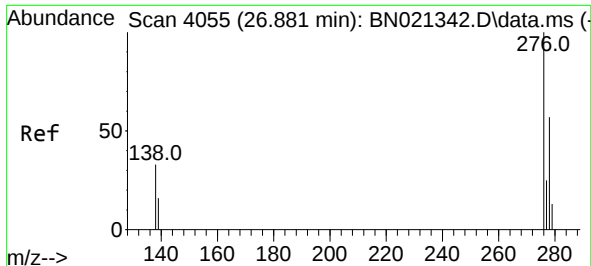
Tgt Ion:228 Resp: 1441
Ion Ratio Lower Upper
228 100
226 34.8 24.2 36.2
229 23.2 15.9 23.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.202 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BN021348.D
Acq: 24 Aug 2022 22:21

Tgt Ion:264 Resp: 8323
Ion Ratio Lower Upper
264 100
260 27.0 21.0 31.6
265 39.7 32.2 48.2

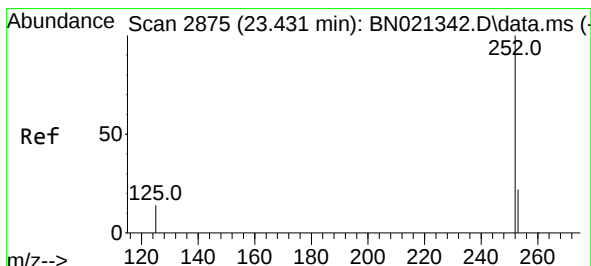
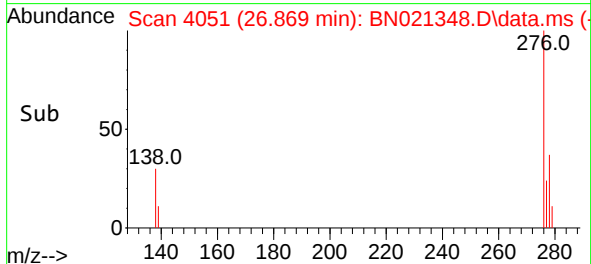
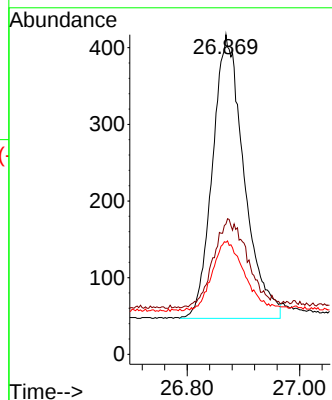
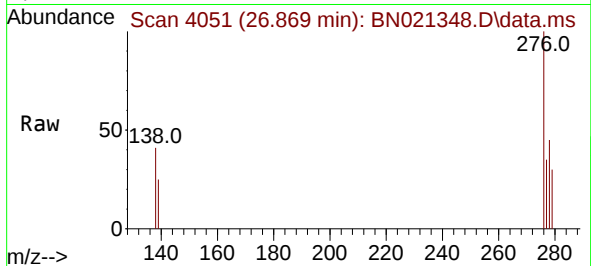




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.034 ng
 RT: 26.869 min Scan# 4051
 Delta R.T. -0.012 min
 Lab File: BN021348.D
 Acq: 24 Aug 2022 22:21

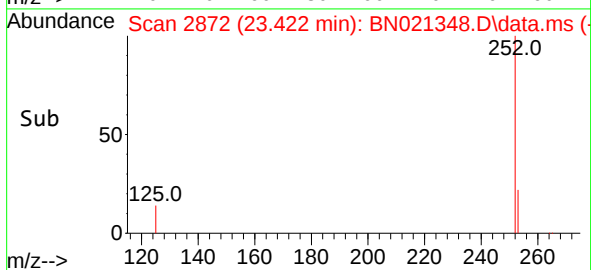
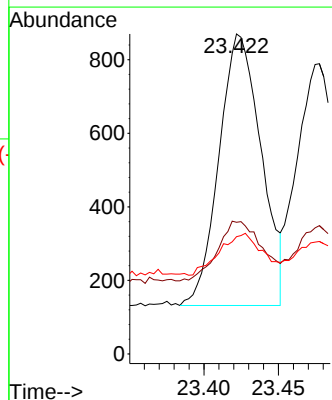
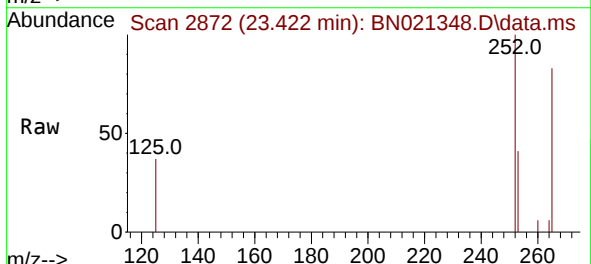
Instrument :
 BNA_N
 ClientSampleId :
 PB147117BL

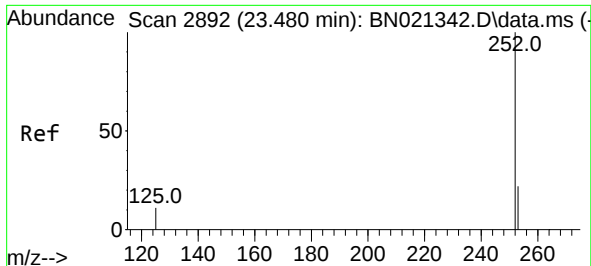
Tgt Ion:276 Resp: 1438
 Ion Ratio Lower Upper
 276 100
 138 18.6 27.4 41.2#
 277 24.8 19.9 29.9



#37
 Benzo(b)fluoranthene
 Concen: 0.040 ng
 RT: 23.422 min Scan# 2872
 Delta R.T. -0.009 min
 Lab File: BN021348.D
 Acq: 24 Aug 2022 22:21

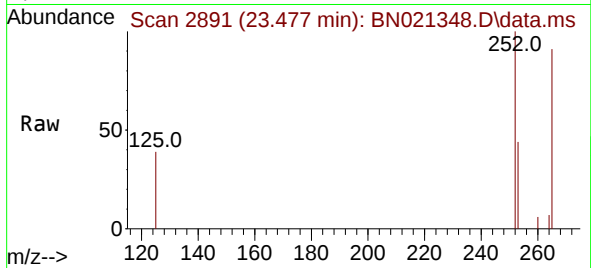
Tgt Ion:252 Resp: 1451
 Ion Ratio Lower Upper
 252 100
 253 41.1 19.8 29.6#
 125 36.7 13.7 20.5#



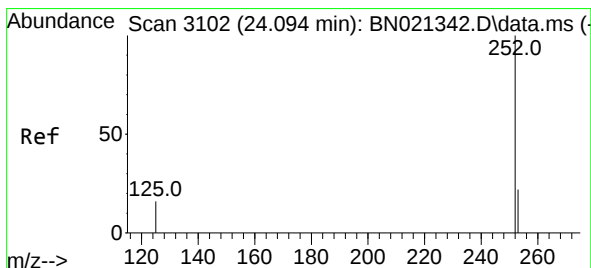
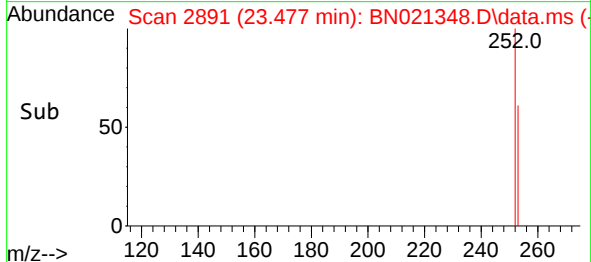
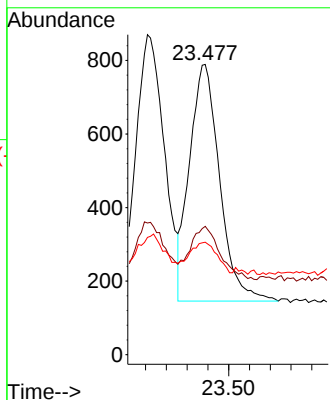


#38
Benzo(k)fluoranthene
Concen: 0.034 ng
RT: 23.477 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN021348.D
Acq: 24 Aug 2022 22:21

Instrument :
BNA_N
ClientSampleId :
PB147117BL

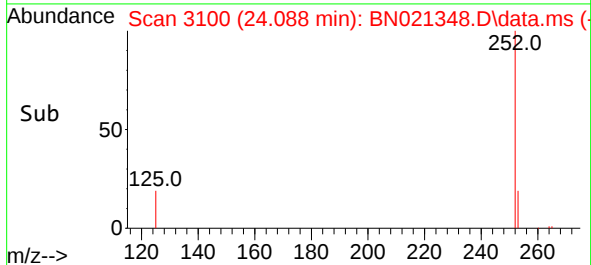
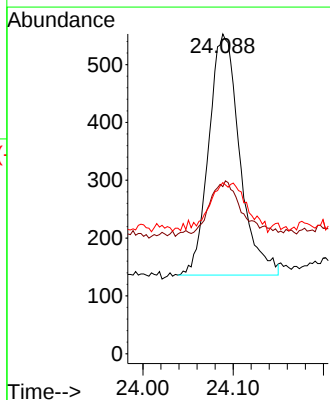
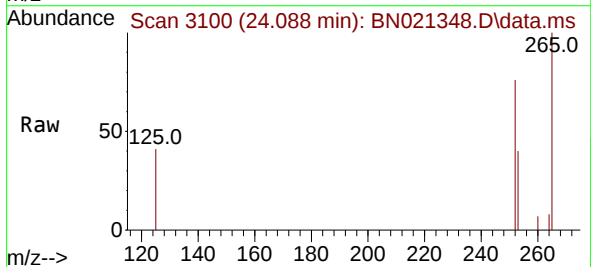


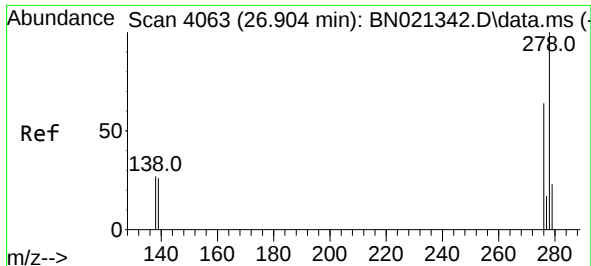
Tgt Ion:252 Resp: 1296
Ion Ratio Lower Upper
252 100
253 44.2 19.5 29.3#
125 38.8 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.033 ng
RT: 24.088 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BN021348.D
Acq: 24 Aug 2022 22:21

Tgt Ion:252 Resp: 992
Ion Ratio Lower Upper
252 100
253 52.3 21.1 31.7#
125 53.5 16.6 25.0#

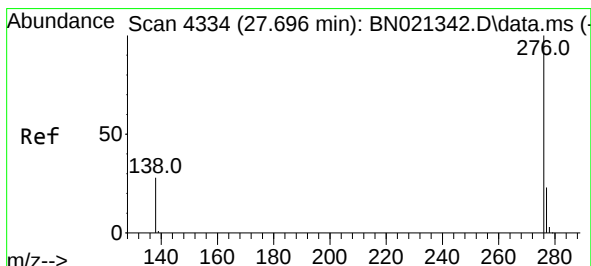
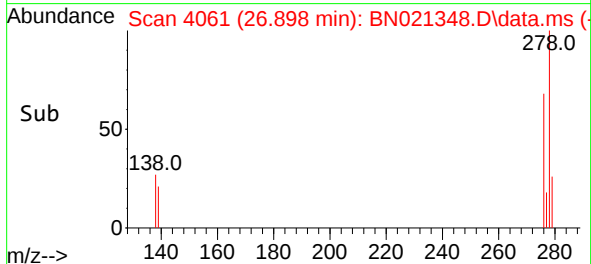
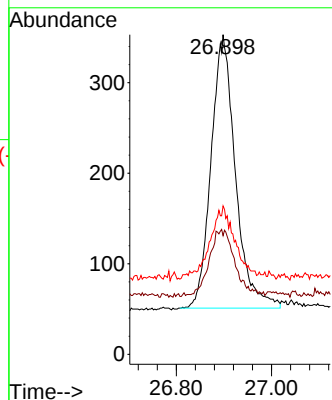
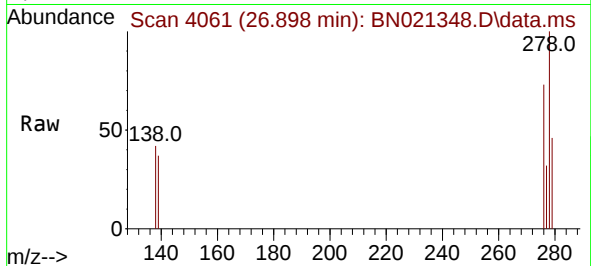




#40
 Dibenzo(a,h)anthracene
 Concen: 0.031 ng
 RT: 26.898 min Scan# 4061
 Delta R.T. -0.006 min
 Lab File: BN021348.D
 Acq: 24 Aug 2022 22:21

Instrument :
 BNA_N
 ClientSampleId :
 PB147117BL

Tgt Ion:278 Resp: 1071
 Ion Ratio Lower Upper
 278 100
 139 37.1 21.8 32.6#
 279 46.5 20.4 30.6#



#41
 Benzo(g,h,i)perylene
 Concen: 0.039 ng
 RT: 27.690 min Scan# 4332
 Delta R.T. -0.006 min
 Lab File: BN021348.D
 Acq: 24 Aug 2022 22:21

Tgt Ion:276 Resp: 1434
 Ion Ratio Lower Upper
 276 100
 277 35.2 19.7 29.5#
 138 41.0 23.7 35.5#

